

EM wavele nm	EX wavele nm	R1 MicroAmps
0	350	13.75418
5	350	13.75346
10	350	13.75696
15	350	13.74675
20	350	13.76544
25	350	13.75723
30	350	13.77142
35	350	13.76386
40	350	13.76971
45	350	13.77182
50	350	13.77006
55	350	13.76365
60	350	13.76296
65	350	13.77184
70	350	13.75948
75	350	13.77307
80	350	13.76284
85	350	13.77822
90	350	13.76359
95	350	13.77793
100	350	13.75771
105	350	13.77183
110	350	13.75912
115	350	13.7735
120	350	13.75447
125	350	13.77949
130	350	13.76776
135	350	13.77639
140	350	13.76868
145	350	13.77954
150	350	13.76389
155	350	13.77958
160	350	13.767
165	350	13.76319
170	350	13.76821
175	350	13.76711
180	350	13.77187
185	350	13.7608
190	350	13.7741
195	350	13.76128
200	350	13.77911
205	350	13.76133
210	350	13.78575
215	350	13.76296
220	350	13.77621
225	350	13.75901
230	350	13.78046
235	350	13.77177
240	350	13.78695
245	350	13.7747
250	350	13.78474
255	350	13.78285
260	350	13.77812
265	350	13.77405
270	350	13.77108
275	350	13.77625
280	350	13.7668
285	350	13.77936
290	350	13.76253
295	350	13.77715
300	350	13.76656
305	350	13.7786
310	350	13.74986
315	350	13.77083

EM wavele nm	EX wavele nm	R1 MicroAmps
320	350	13.76071
325	350	13.77619
330	350	13.76289
335	350	13.79083
340	350	13.77512
345	350	13.78903
350	350	13.78637
355	350	13.78452
360	350	13.77753
365	350	13.78275
370	350	13.78816
375	350	13.77885
380	350	13.78028
385	350	13.77634
390	350	13.78651
395	350	13.77669
400	350	13.78601
405	350	13.76996
410	350	13.7869
415	350	13.76933
420	350	13.78793
425	350	13.76622
430	350	13.77696
435	350	13.76894
440	350	13.78305
445	350	13.77625
450	350	13.77977
455	350	13.77494
460	350	13.77515
465	350	13.77751
470	350	13.78339
475	350	13.78867
480	350	13.77014
485	350	13.7895
490	350	13.7708
495	350	13.79062
500	350	13.77583
505	350	13.79807
510	350	13.78146
515	350	13.79364
520	350	13.78587
525	350	13.79674
530	350	13.78651
535	350	13.79885
540	350	13.79737
545	350	13.79492
550	350	13.79921
555	350	13.78744
560	350	13.79422
565	350	13.78328
570	350	13.7898
575	350	13.78217
580	350	13.79602
585	350	13.78072
590	350	13.79003
595	350	13.78391
600	350	13.79333
605	350	13.7794
610	350	13.78723
615	350	13.77654
620	350	13.77352
625	350	13.78349
630	350	13.76882
635	350	13.78073

EM wavele nm	EX wavele nm	R1 MicroAmps
640	350	13.77504
645	350	13.78901
650	350	13.77787
655	350	13.77611
660	350	13.7952
665	350	13.7824
670	350	13.80758
675	350	13.77875
680	350	13.79768
685	350	13.78219
690	350	13.78285
695	350	13.78515
700	350	13.77513
705	350	13.79123
710	350	13.77785
715	350	13.80128
720	350	13.79101
725	350	13.79804
730	350	13.80671
735	350	13.80087
740	350	13.80834
745	350	13.79903
750	350	13.81069
755	350	13.78912
760	350	13.80971
765	350	13.79343
770	350	13.78946
775	350	13.79818
780	350	13.78717
785	350	13.80862
790	350	13.79249
795	350	13.79933
800	350	13.79475
805	350	13.79718
810	350	13.79135
815	350	13.79331
820	350	13.81381
825	350	13.79716
830	350	13.81004
835	350	13.79449
840	350	13.8013
845	350	13.79216
850	350	13.79154
855	350	13.80056
860	350	13.78225
865	350	13.79715
870	350	13.78912
875	350	13.79979
880	350	13.79932
885	350	13.7937
890	350	13.80531
895	350	13.78814
900	350	13.80194
905	350	13.80004
910	350	13.79522
915	350	13.80055
920	350	13.80619
925	350	13.80277
930	350	13.79407
935	350	13.81741
940	350	13.79049
945	350	13.80532
950	350	13.80409
955	350	13.80149

EM wavele nm	EX wavele nm	R1 MicroAmps
960	350	13.81107
965	350	13.79307
970	350	13.8095
975	350	13.79776
980	350	13.80831
985	350	13.7944
990	350	13.80405
995	350	13.79919
1000	350	13.79375
1005	350	13.80285
1010	350	13.78468
1015	350	13.79993
1020	350	13.78409
1025	350	13.79401
1030	350	13.79782
1035	350	13.79653
1040	350	13.80523
1045	350	13.78243
1050	350	13.80089
1055	350	13.80016
1060	350	13.79377
1065	350	13.80572
1070	350	13.8024
1075	350	13.82097
1080	350	13.8071
1085	350	13.80986
1090	350	13.81241
1095	350	13.80134
1100	350	13.81646
1105	350	13.80692
1110	350	13.80425
1115	350	13.81885
1120	350	13.79759
1125	350	13.82213
1130	350	13.80695
1135	350	13.80067
1140	350	13.81415
1145	350	13.79581
1150	350	13.80658
0	5	4.30648
5	5	4.31153
10	5	4.3096
15	5	4.31044
20	5	4.30685
25	5	4.31295
30	5	4.30575
35	5	4.31156
40	5	4.30614
45	5	4.31454
50	5	4.30861
55	5	4.31273
60	5	4.31304
65	5	4.31369
70	5	4.30962
75	5	4.30976
80	5	4.31267
85	5	4.30978
90	5	4.31086
95	5	4.30561
100	5	4.31161
105	5	4.30885
110	5	4.31254
115	5	4.3103
120	5	4.31594

EM wavele nm	EX wavele nm	R1 MicroAmps
125	5	4.30993
130	5	4.31134
135	5	4.31181
140	5	4.31578
145	5	4.31633
150	5	4.30764
155	5	4.31376
160	5	4.3114
165	5	4.31328
170	5	4.31036
175	5	4.31195
180	5	4.30851
185	5	4.31546
190	5	4.30955
195	5	4.3156
200	5	4.31058
205	5	4.31519
210	5	4.31209
215	5	4.30989
220	5	4.31047
225	5	4.30898
230	5	4.31153
235	5	4.30829
240	5	4.31468
245	5	4.30929
250	5	4.31475
255	5	4.30899
260	5	4.31502
265	5	4.31275
270	5	4.31066
275	5	4.31249
280	5	4.31102
285	5	4.31489
290	5	4.3108
295	5	4.31575
300	5	4.31008
305	5	4.318
310	5	4.30915
315	5	4.31765
320	5	4.31431
325	5	4.31446
330	5	4.31252
335	5	4.31238
340	5	4.3195
345	5	4.31145
350	5	4.31773
355	5	4.31282
360	5	4.31926
365	5	4.30947
370	5	4.31854
375	5	4.31325
380	5	4.31614
385	5	4.32157
390	5	4.31767
395	5	4.31545
400	5	4.31656
405	5	4.31724
410	5	4.31594
415	5	4.3206
420	5	4.31804
425	5	4.31873
430	5	4.31191
435	5	4.31691
440	5	4.31264

EM wavele nm	EX wavele nm	R1 MicroAmps
445	5	4.31637
450	5	4.31208
455	5	4.31858
460	5	4.30987
465	5	4.31782
470	5	4.30921
475	5	4.31538
480	5	4.31196
485	5	4.31417
490	5	4.31581
495	5	4.31416
500	5	4.3157
505	5	4.31203
510	5	4.31621
515	5	4.30917
520	5	4.32199
525	5	4.31515
530	5	4.31883
535	5	4.3123
540	5	4.31999
545	5	4.31593
550	5	4.31834
555	5	4.3147
560	5	4.31046
565	5	4.3149
570	5	4.3149
575	5	4.31746
580	5	4.31199
585	5	4.31362
590	5	4.31385
595	5	4.31634
600	5	4.3161
605	5	4.3155
610	5	4.31945
615	5	4.31604
620	5	4.3176
625	5	4.31463
630	5	4.3218
635	5	4.31791
640	5	4.31853
645	5	4.31656
650	5	4.31523
655	5	4.32084
660	5	4.32141
665	5	4.32347
670	5	4.3151
675	5	4.32771
680	5	4.3187
685	5	4.31928
690	5	4.3197
695	5	4.31682
700	5	4.31747
705	5	4.3146
710	5	4.3181
715	5	4.31654
720	5	4.31772
725	5	4.31645
730	5	4.31681
735	5	4.31996
740	5	4.31858
745	5	4.32165
750	5	4.31729
755	5	4.31943
760	5	4.32088

EM wavele nm	EX wavele nm	R1 MicroAmps
765	5	4.31766
770	5	4.32413
775	5	4.31681
780	5	4.31819
785	5	4.31807
790	5	4.31498
795	5	4.31962
800	5	4.31258
805	5	4.3194
810	5	4.31642
815	5	4.32069
820	5	4.31872
825	5	4.31735
830	5	4.32217
835	5	4.31489
840	5	4.32195
845	5	4.31203
850	5	4.31965
855	5	4.31708
860	5	4.31529
865	5	4.31984
870	5	4.31427
875	5	4.32131
880	5	4.31902
885	5	4.32034
890	5	4.3207
895	5	4.31481
900	5	4.31932
905	5	4.31635
910	5	4.3197
915	5	4.315
920	5	4.31903
925	5	4.31528
930	5	4.31236
935	5	4.32247
940	5	4.31694
945	5	4.32412
950	5	4.32182
955	5	4.31503
960	5	4.32106
965	5	4.31782
970	5	4.31869
975	5	4.31495
980	5	4.32022
985	5	4.31565
990	5	4.32019
995	5	4.32012
1000	5	4.31567
1005	5	4.31704
1010	5	4.31734
1015	5	4.31862
1020	5	4.32028
1025	5	4.31666
1030	5	4.32327
1035	5	4.3173
1040	5	4.31794
1045	5	4.32109
1050	5	4.32152
1055	5	4.32388
1060	5	4.31701
1065	5	4.32108
1070	5	4.31872
1075	5	4.31878
1080	5	4.31762

EM wavele nm	EX wavele nm	R1 MicroAmps
1085	5	4.32105
1090	5	4.32357
1095	5	4.31907
1100	5	4.31928
1105	5	4.31898
1110	5	4.31597
1115	5	4.31866
1120	5	4.31517
1125	5	4.31906
1130	5	4.31991
1135	5	4.31863
1140	5	4.31791
1145	5	4.31573
1150	5	4.31569
0	10	1.1901
5	10	1.18884
10	10	1.18974
15	10	1.18879
20	10	1.19005
25	10	1.18904
30	10	1.19071
35	10	1.18962
40	10	1.1907
45	10	1.18907
50	10	1.19075
55	10	1.18886
60	10	1.18973
65	10	1.18879
70	10	1.18927
75	10	1.18862
80	10	1.18943
85	10	1.18892
90	10	1.18814
95	10	1.18942
100	10	1.18855
105	10	1.18989
110	10	1.18848
115	10	1.18988
120	10	1.18882
125	10	1.18967
130	10	1.18834
135	10	1.1893
140	10	1.18865
145	10	1.18834
150	10	1.18974
155	10	1.18872
160	10	1.19012
165	10	1.18881
170	10	1.19006
175	10	1.18747
180	10	1.1897
185	10	1.18867
190	10	1.18967
195	10	1.18904
200	10	1.19007
205	10	1.18912
210	10	1.18978
215	10	1.18961
220	10	1.18981
225	10	1.18956
230	10	1.1886
235	10	1.18974
240	10	1.18763
245	10	1.18898

EM wavele nm	EX wavele nm	R1 MicroAmps
250	10	1.18807
255	10	1.18932
260	10	1.18766
265	10	1.18857
270	10	1.1882
275	10	1.1884
280	10	1.18934
285	10	1.18981
290	10	1.18938
295	10	1.18802
300	10	1.18992
305	10	1.18823
310	10	1.1899
315	10	1.18894
320	10	1.19004
325	10	1.18867
330	10	1.1895
335	10	1.18919
340	10	1.19053
345	10	1.18897
350	10	1.18839
355	10	1.18897
360	10	1.1881
365	10	1.18881
370	10	1.1881
375	10	1.18914
380	10	1.18814
385	10	1.18962
390	10	1.18825
395	10	1.18992
400	10	1.18891
405	10	1.18868
410	10	1.18862
415	10	1.18843
420	10	1.18903
425	10	1.18846
430	10	1.18998
435	10	1.1885
440	10	1.19027
445	10	1.18945
450	10	1.19013
455	10	1.18927
460	10	1.1895
465	10	1.18936
470	10	1.18821
475	10	1.18901
480	10	1.18832
485	10	1.18953
490	10	1.18858
495	10	1.19004
500	10	1.18939
505	10	1.1893
510	10	1.18874
515	10	1.18937
520	10	1.18884
525	10	1.18859
530	10	1.18917
535	10	1.18863
540	10	1.18945
545	10	1.18871
550	10	1.18947
555	10	1.18838
560	10	1.18898
565	10	1.18828

EM wavele nm	EX wavele nm	R1 MicroAmps
570	10	1.18891
575	10	1.18914
580	10	1.18793
585	10	1.18984
590	10	1.18917
595	10	1.19006
600	10	1.18923
605	10	1.18883
610	10	1.18949
615	10	1.18878
620	10	1.18987
625	10	1.18771
630	10	1.18905
635	10	1.18764
640	10	1.18888
645	10	1.18901
650	10	1.1891
655	10	1.18908
660	10	1.18845
665	10	1.19007
670	10	1.18875
675	10	1.18985
680	10	1.18889
685	10	1.18899
690	10	1.18897
695	10	1.18836
700	10	1.18888
705	10	1.18836
710	10	1.1889
715	10	1.1881
720	10	1.1887
725	10	1.18915
730	10	1.18825
735	10	1.18875
740	10	1.18807
745	10	1.18929
750	10	1.18881
755	10	1.18823
760	10	1.1891
765	10	1.18859
770	10	1.18992
775	10	1.18906
780	10	1.18956
785	10	1.1899
790	10	1.18873
795	10	1.19003
800	10	1.18879
805	10	1.18917
810	10	1.1891
815	10	1.1879
820	10	1.18913
825	10	1.1882
830	10	1.18872
835	10	1.18854
840	10	1.18848
845	10	1.18943
850	10	1.18869
855	10	1.18946
860	10	1.18849
865	10	1.18898
870	10	1.18899
875	10	1.18903
880	10	1.18936
885	10	1.18791

EM wavele nm	EX wavele nm	R1 MicroAmps
890	10	1.18964
895	10	1.18918
900	10	1.18944
905	10	1.18865
910	10	1.18768
915	10	1.18915
920	10	1.18847
925	10	1.1895
930	10	1.1879
935	10	1.18829
940	10	1.18914
945	10	1.18801
950	10	1.18933
955	10	1.18825
960	10	1.18996
965	10	1.189
970	10	1.18951
975	10	1.19014
980	10	1.18918
985	10	1.19006
990	10	1.18809
995	10	1.18889
1000	10	1.18905
1005	10	1.18893
1010	10	1.18922
1015	10	1.18761
1020	10	1.18836
1025	10	1.18847
1030	10	1.18859
1035	10	1.18945
1040	10	1.18847
1045	10	1.18999
1050	10	1.18879
1055	10	1.18912
1060	10	1.18889
1065	10	1.18796
1070	10	1.18834
1075	10	1.18843
1080	10	1.18836
1085	10	1.18911
1090	10	1.18905
1095	10	1.18891
1100	10	1.18882
1105	10	1.18913
1110	10	1.19008
1115	10	1.18874
1120	10	1.18936
1125	10	1.18938
1130	10	1.18877
1135	10	1.18987
1140	10	1.19003
1145	10	1.18951
1150	10	1.18962
0	15	0.63756
5	15	0.63752
10	15	0.63734
15	15	0.63733
20	15	0.63738
25	15	0.63732
30	15	0.6368
35	15	0.63721
40	15	0.63699
45	15	0.63719
50	15	0.63694

EM wavele nm	EX wavele nm	R1 MicroAmps
55	15	0.63746
60	15	0.63721
65	15	0.63752
70	15	0.63757
75	15	0.63764
80	15	0.63742
85	15	0.63698
90	15	0.63703
95	15	0.63658
100	15	0.63711
105	15	0.63661
110	15	0.63709
115	15	0.63663
120	15	0.63736
125	15	0.63688
130	15	0.6375
135	15	0.63699
140	15	0.63755
145	15	0.63701
150	15	0.63709
155	15	0.63692
160	15	0.63715
165	15	0.63696
170	15	0.63687
175	15	0.6372
180	15	0.63682
185	15	0.63716
190	15	0.63689
195	15	0.63744
200	15	0.63691
205	15	0.63727
210	15	0.6369
215	15	0.6372
220	15	0.63703
225	15	0.63694
230	15	0.63713
235	15	0.63686
240	15	0.63698
245	15	0.63663
250	15	0.63674
255	15	0.63634
260	15	0.63673
265	15	0.63643
270	15	0.6371
275	15	0.63668
280	15	0.63733
285	15	0.63697
290	15	0.63727
295	15	0.63706
300	15	0.63711
305	15	0.63691
310	15	0.63688
315	15	0.63724
320	15	0.63658
325	15	0.63765
330	15	0.6368
335	15	0.63729
340	15	0.63685
345	15	0.63689
350	15	0.63681
355	15	0.63668
360	15	0.63682
365	15	0.63647
370	15	0.63696

EM wavele nm	EX wavele nm	R1 MicroAmps
375	15	0.63648
380	15	0.63732
385	15	0.63681
390	15	0.63725
395	15	0.63689
400	15	0.63703
405	15	0.63681
410	15	0.63696
415	15	0.63687
420	15	0.63687
425	15	0.63717
430	15	0.63699
435	15	0.6372
440	15	0.63661
445	15	0.63729
450	15	0.63654
455	15	0.63698
460	15	0.63667
465	15	0.637
470	15	0.63664
475	15	0.63677
480	15	0.63679
485	15	0.63657
490	15	0.63709
495	15	0.63655
500	15	0.63697
505	15	0.63624
510	15	0.63699
515	15	0.63633
520	15	0.63647
525	15	0.6363
530	15	0.63668
535	15	0.63663
540	15	0.63642
545	15	0.63696
550	15	0.63661
555	15	0.63738
560	15	0.63656
565	15	0.63696
570	15	0.63651
575	15	0.63695
580	15	0.63643
585	15	0.63656
590	15	0.63681
595	15	0.63625
600	15	0.63691
605	15	0.63645
610	15	0.63702
615	15	0.63656
620	15	0.63701
625	15	0.63699
630	15	0.63749
635	15	0.6369
640	15	0.63686
645	15	0.63704
650	15	0.63643
655	15	0.6373
660	15	0.63634
665	15	0.63688
670	15	0.63671
675	15	0.63633
680	15	0.63671
685	15	0.63668
690	15	0.63691

EM wavele nm	EX wavele nm	R1 MicroAmps
695	15	0.63622
700	15	0.63707
705	15	0.63636
710	15	0.63663
715	15	0.63646
720	15	0.63651
725	15	0.63678
730	15	0.63635
735	15	0.637
740	15	0.63648
745	15	0.63685
750	15	0.63679
755	15	0.63643
760	15	0.637
765	15	0.6365
770	15	0.63726
775	15	0.63662
780	15	0.6369
785	15	0.63705
790	15	0.63681
795	15	0.6373
800	15	0.63658
805	15	0.63713
810	15	0.63675
815	15	0.63697
820	15	0.63721
825	15	0.63668
830	15	0.63742
835	15	0.63667
840	15	0.63756
845	15	0.63689
850	15	0.63729
855	15	0.63713
860	15	0.63679
865	15	0.63709
870	15	0.63645
875	15	0.63704
880	15	0.63644
885	15	0.63695
890	15	0.63654
895	15	0.63636
900	15	0.63709
905	15	0.63653
910	15	0.63706
915	15	0.63632
920	15	0.63703
925	15	0.63675
930	15	0.6364
935	15	0.63734
940	15	0.63686
945	15	0.63695
950	15	0.63693
955	15	0.63666
960	15	0.63654
965	15	0.63691
970	15	0.63704
975	15	0.63687
980	15	0.63716
985	15	0.63698
990	15	0.63722
995	15	0.63683
1000	15	0.6373
1005	15	0.6374
1010	15	0.63693

EM wavele nm	EX wavele nm	R1 MicroAmps
1015	15	0.63747
1020	15	0.63733
1025	15	0.63722
1030	15	0.63731
1035	15	0.63651
1040	15	0.63708
1045	15	0.63656
1050	15	0.63692
1055	15	0.63703
1060	15	0.63684
1065	15	0.63726
1070	15	0.63707
1075	15	0.63757
1080	15	0.6384
1085	15	0.63792
1090	15	0.63816
1095	15	0.63756
1100	15	0.63753
1105	15	0.63774
1110	15	0.63704
1115	15	0.63728
1120	15	0.63735
1125	15	0.63699
1130	15	0.63747
1135	15	0.63683
1140	15	0.63652
1145	15	0.63678
1150	15	0.63681
0	20	0.4544
5	20	0.45454
10	20	0.45484
15	20	0.45459
20	20	0.45475
25	20	0.45485
30	20	0.45483
35	20	0.45439
40	20	0.455
45	20	0.45417
50	20	0.45471
55	20	0.45432
60	20	0.45456
65	20	0.45445
70	20	0.45443
75	20	0.45463
80	20	0.45477
85	20	0.45497
90	20	0.4547
95	20	0.45507
100	20	0.45467
105	20	0.45499
110	20	0.45484
115	20	0.45502
120	20	0.4544
125	20	0.45469
130	20	0.45416
135	20	0.4542
140	20	0.45389
145	20	0.45403
150	20	0.45412
155	20	0.45389
160	20	0.45421
165	20	0.45423
170	20	0.45455
175	20	0.45437

EM wavele nm	EX wavele nm	R1 MicroAmps
180	20	0.45498
185	20	0.45444
190	20	0.45487
195	20	0.45434
200	20	0.45447
205	20	0.4544
210	20	0.45453
215	20	0.45459
220	20	0.4545
225	20	0.45456
230	20	0.45439
235	20	0.45482
240	20	0.45433
245	20	0.45466
250	20	0.45455
255	20	0.4548
260	20	0.45435
265	20	0.45436
270	20	0.45447
275	20	0.4542
280	20	0.45442
285	20	0.45453
290	20	0.45483
295	20	0.45448
300	20	0.45504
305	20	0.45445
310	20	0.45474
315	20	0.45447
320	20	0.45472
325	20	0.45451
330	20	0.45453
335	20	0.4546
340	20	0.45464
345	20	0.4545
350	20	0.4544
355	20	0.45475
360	20	0.45445
365	20	0.45476
370	20	0.45474
375	20	0.45492
380	20	0.45464
385	20	0.45491
390	20	0.45449
395	20	0.45468
400	20	0.45466
405	20	0.45452
410	20	0.45467
415	20	0.45439
420	20	0.45459
425	20	0.45422
430	20	0.45437
435	20	0.45432
440	20	0.45449
445	20	0.45446
450	20	0.45454
455	20	0.45436
460	20	0.4542
465	20	0.4544
470	20	0.45425
475	20	0.45442
480	20	0.45413
485	20	0.45471
490	20	0.45433
495	20	0.45459

EM wavele nm	EX wavele nm	R1 MicroAmps
500	20	0.45462
505	20	0.45472
510	20	0.45452
515	20	0.45477
520	20	0.45476
525	20	0.45432
530	20	0.45481
535	20	0.45414
540	20	0.45459
545	20	0.45411
550	20	0.45441
555	20	0.45441
560	20	0.45447
565	20	0.45441
570	20	0.45418
575	20	0.45475
580	20	0.45436
585	20	0.45493
590	20	0.45427
595	20	0.45474
600	20	0.45472
605	20	0.45426
610	20	0.45462
615	20	0.45423
620	20	0.45462
625	20	0.45425
630	20	0.45438
635	20	0.45437
640	20	0.4545
645	20	0.45462
650	20	0.4544
655	20	0.45466
660	20	0.45416
665	20	0.4546
670	20	0.45441
675	20	0.45458
680	20	0.45479
685	20	0.45446
690	20	0.45485
695	20	0.45459
700	20	0.45475
705	20	0.45454
710	20	0.45455
715	20	0.45437
720	20	0.4547
725	20	0.45473
730	20	0.45437
735	20	0.45479
740	20	0.45413
745	20	0.4546
750	20	0.4545
755	20	0.45444
760	20	0.45469
765	20	0.4542
770	20	0.45484
775	20	0.45455
780	20	0.45487
785	20	0.45452
790	20	0.4544
795	20	0.45483
800	20	0.45445
805	20	0.45458
810	20	0.45434
815	20	0.45465

EM wavele nm	EX wavele nm	R1 MicroAmps
820	20	0.4545
825	20	0.45467
830	20	0.4544
835	20	0.45429
840	20	0.45463
845	20	0.45417
850	20	0.45448
855	20	0.45456
860	20	0.45422
865	20	0.45464
870	20	0.45437
875	20	0.45481
880	20	0.45442
885	20	0.45457
890	20	0.4545
895	20	0.45469
900	20	0.4546
905	20	0.45412
910	20	0.45458
915	20	0.45382
920	20	0.45444
925	20	0.45406
930	20	0.45432
935	20	0.45461
940	20	0.45404
945	20	0.45494
950	20	0.45455
955	20	0.4547
960	20	0.4544
965	20	0.45465
970	20	0.45479
975	20	0.45439
980	20	0.45496
985	20	0.45414
990	20	0.45451
995	20	0.45456
1000	20	0.45409
1005	20	0.45448
1010	20	0.45433
1015	20	0.45475
1020	20	0.45444
1025	20	0.45432
1030	20	0.45457
1035	20	0.45424
1040	20	0.45451
1045	20	0.45416
1050	20	0.45474
1055	20	0.45457
1060	20	0.45441
1065	20	0.45485
1070	20	0.45422
1075	20	0.45468
1080	20	0.45466
1085	20	0.45435
1090	20	0.45466
1095	20	0.45428
1100	20	0.45449
1105	20	0.45451
1110	20	0.45417
1115	20	0.45481
1120	20	0.45449
1125	20	0.45459
1130	20	0.45482
1135	20	0.45433

EM wavele nm	EX wavele nm	R1 MicroAmps
1140	20	0.4545
1145	20	0.4546
1150	20	0.45446
0	25	0.37684
5	25	0.377
10	25	0.37709
15	25	0.37684
20	25	0.37722
25	25	0.37682
30	25	0.3772
35	25	0.37682
40	25	0.37698
45	25	0.37689
50	25	0.37684
55	25	0.37683
60	25	0.37695
65	25	0.3769
70	25	0.37693
75	25	0.37706
80	25	0.37668
85	25	0.37701
90	25	0.37677
95	25	0.37701
100	25	0.3766
105	25	0.37706
110	25	0.37662
115	25	0.37669
120	25	0.3767
125	25	0.37682
130	25	0.37662
135	25	0.3766
140	25	0.37693
145	25	0.37683
150	25	0.37701
155	25	0.3769
160	25	0.37704
165	25	0.37659
170	25	0.37701
175	25	0.37673
180	25	0.37695
185	25	0.37675
190	25	0.37706
195	25	0.37688
200	25	0.37719
205	25	0.37699
210	25	0.37711
215	25	0.37687
220	25	0.37671
225	25	0.37698
230	25	0.37671
235	25	0.3771
240	25	0.37679
245	25	0.37706
250	25	0.37668
255	25	0.37718
260	25	0.37684
265	25	0.37736
270	25	0.37681
275	25	0.37686
280	25	0.37692
285	25	0.3769
290	25	0.37698
295	25	0.37698
300	25	0.37713

EM wavele nm	EX wavele nm	R1 MicroAmps
305	25	0.37657
310	25	0.37714
315	25	0.37689
320	25	0.37694
325	25	0.37666
330	25	0.37697
335	25	0.37669
340	25	0.37675
345	25	0.37704
350	25	0.37677
355	25	0.37703
360	25	0.37683
365	25	0.37709
370	25	0.37662
375	25	0.3768
380	25	0.37679
385	25	0.37692
390	25	0.37673
395	25	0.37699
400	25	0.37704
405	25	0.37707
410	25	0.37713
415	25	0.37699
420	25	0.37732
425	25	0.37715
430	25	0.37741
435	25	0.37713
440	25	0.37715
445	25	0.37676
450	25	0.37713
455	25	0.37692
460	25	0.37685
465	25	0.37714
470	25	0.37697
475	25	0.37712
480	25	0.37691
485	25	0.37705
490	25	0.37696
495	25	0.37711
500	25	0.37688
505	25	0.37679
510	25	0.37698
515	25	0.37679
520	25	0.37705
525	25	0.37684
530	25	0.37698
535	25	0.37659
540	25	0.37707
545	25	0.37685
550	25	0.37669
555	25	0.37694
560	25	0.37691
565	25	0.37687
570	25	0.37667
575	25	0.37704
580	25	0.3768
585	25	0.37709
590	25	0.37679
595	25	0.37715
600	25	0.37705
605	25	0.37681
610	25	0.3769
615	25	0.37691
620	25	0.37686

EM wavele nm	EX wavele nm	R1 MicroAmps
625	25	0.37669
630	25	0.37696
635	25	0.37667
640	25	0.37701
645	25	0.37681
650	25	0.37703
655	25	0.37711
660	25	0.37679
665	25	0.37713
670	25	0.37702
675	25	0.37719
680	25	0.37694
685	25	0.37693
690	25	0.37695
695	25	0.37689
700	25	0.37718
705	25	0.37688
710	25	0.37725
715	25	0.3768
720	25	0.37715
725	25	0.37695
730	25	0.37697
735	25	0.37702
740	25	0.37698
745	25	0.37716
750	25	0.37697
755	25	0.37714
760	25	0.37725
765	25	0.37699
770	25	0.37726
775	25	0.37683
780	25	0.3769
785	25	0.37678
790	25	0.37674
795	25	0.37667
800	25	0.37686
805	25	0.37699
810	25	0.37681
815	25	0.37696
820	25	0.37697
825	25	0.37695
830	25	0.37708
835	25	0.3767
840	25	0.37709
845	25	0.37684
850	25	0.37714
855	25	0.37687
860	25	0.37707
865	25	0.37708
870	25	0.37674
875	25	0.37709
880	25	0.37717
885	25	0.37722
890	25	0.37703
895	25	0.37701
900	25	0.37707
905	25	0.3769
910	25	0.37706
915	25	0.37667
920	25	0.37692
925	25	0.3769
930	25	0.3768
935	25	0.37696
940	25	0.37677

EM wavele nm	EX wavele nm	R1 MicroAmps
945	25	0.37716
950	25	0.37685
955	25	0.37691
960	25	0.37696
965	25	0.37697
970	25	0.37725
975	25	0.37694
980	25	0.37733
985	25	0.3771
990	25	0.37721
995	25	0.37702
1000	25	0.37675
1005	25	0.37677
1010	25	0.37679
1015	25	0.37696
1020	25	0.3769
1025	25	0.37684
1030	25	0.37715
1035	25	0.37704
1040	25	0.37744
1045	25	0.3771
1050	25	0.37703
1055	25	0.37724
1060	25	0.37703
1065	25	0.37731
1070	25	0.37702
1075	25	0.37695
1080	25	0.37728
1085	25	0.37689
1090	25	0.37712
1095	25	0.37698
1100	25	0.3769
1105	25	0.37709
1110	25	0.37677
1115	25	0.37689
1120	25	0.3769
1125	25	0.37676
1130	25	0.37684
1135	25	0.37684
1140	25	0.37689
1145	25	0.37694
1150	25	0.37666
0	30	0.34307
5	30	0.34275
10	30	0.34334
15	30	0.34291
20	30	0.34329
25	30	0.34297
30	30	0.34315
35	30	0.34293
40	30	0.34319
45	30	0.34319
50	30	0.34321
55	30	0.34337
60	30	0.34309
65	30	0.34344
70	30	0.34327
75	30	0.34351
80	30	0.34324
85	30	0.34356
90	30	0.34317
95	30	0.34341
100	30	0.34331
105	30	0.3435

EM wavele nm	EX wavele nm	R1 MicroAmps
110	30	0.34336
115	30	0.34335
120	30	0.34337
125	30	0.343
130	30	0.34318
135	30	0.34321
140	30	0.34332
145	30	0.34305
150	30	0.34333
155	30	0.3432
160	30	0.34342
165	30	0.34329
170	30	0.3435
175	30	0.34339
180	30	0.34325
185	30	0.34342
190	30	0.34331
195	30	0.34333
200	30	0.34317
205	30	0.34355
210	30	0.3432
215	30	0.34351
220	30	0.34325
225	30	0.34354
230	30	0.34324
235	30	0.34327
240	30	0.34332
245	30	0.34327
250	30	0.3435
255	30	0.34316
260	30	0.34344
265	30	0.34311
270	30	0.34344
275	30	0.34315
280	30	0.34337
285	30	0.34312
290	30	0.3433
295	30	0.34313
300	30	0.3434
305	30	0.34316
310	30	0.34326
315	30	0.3432
320	30	0.34321
325	30	0.34341
330	30	0.34308
335	30	0.34352
340	30	0.34325
345	30	0.34349
350	30	0.34327
355	30	0.34343
360	30	0.34326
365	30	0.3433
370	30	0.34345
375	30	0.34333
380	30	0.34346
385	30	0.34323
390	30	0.34337
395	30	0.34294
400	30	0.34327
405	30	0.34309
410	30	0.34339
415	30	0.34313
420	30	0.34335
425	30	0.34328

EM wavele nm	EX wavele nm	R1 MicroAmps
430	30	0.34336
435	30	0.34332
440	30	0.34344
445	30	0.3434
450	30	0.34318
455	30	0.34346
460	30	0.34317
465	30	0.34339
470	30	0.34318
475	30	0.34351
480	30	0.34319
485	30	0.34362
490	30	0.34329
495	30	0.3434
500	30	0.34325
505	30	0.34324
510	30	0.34323
515	30	0.34319
520	30	0.3433
525	30	0.34313
530	30	0.34355
535	30	0.34306
540	30	0.34359
545	30	0.34324
550	30	0.34342
555	30	0.34331
560	30	0.34343
565	30	0.34326
570	30	0.34339
575	30	0.34337
580	30	0.34319
585	30	0.34341
590	30	0.34316
595	30	0.34338
600	30	0.34316
605	30	0.3435
610	30	0.34329
615	30	0.34316
620	30	0.34352
625	30	0.34316
630	30	0.34331
635	30	0.34315
640	30	0.34327
645	30	0.34316
650	30	0.34352
655	30	0.34331
660	30	0.34311
665	30	0.34354
670	30	0.34319
675	30	0.34339
680	30	0.34309
685	30	0.34339
690	30	0.34326
695	30	0.34329
700	30	0.34331
705	30	0.3432
710	30	0.34338
715	30	0.34321
720	30	0.34366
725	30	0.34336
730	30	0.34363
735	30	0.34356
740	30	0.34331
745	30	0.34346

EM wavele nm	EX wavele nm	R1 MicroAmps
750	30	0.34327
755	30	0.34348
760	30	0.34324
765	30	0.34333
770	30	0.34344
775	30	0.34315
780	30	0.34349
785	30	0.34331
790	30	0.34359
795	30	0.34338
800	30	0.34332
805	30	0.34338
810	30	0.34324
815	30	0.3433
820	30	0.3431
825	30	0.34341
830	30	0.3434
835	30	0.34359
840	30	0.34343
845	30	0.34333
850	30	0.3436
855	30	0.34314
860	30	0.34337
865	30	0.343
870	30	0.34324
875	30	0.34321
880	30	0.34319
885	30	0.34337
890	30	0.34308
895	30	0.3434
900	30	0.3432
905	30	0.34318
910	30	0.34329
915	30	0.34327
920	30	0.3434
925	30	0.34338
930	30	0.34353
935	30	0.34336
940	30	0.34353
945	30	0.3434
950	30	0.34322
955	30	0.34346
960	30	0.34328
965	30	0.34372
970	30	0.34366
975	30	0.34317
980	30	0.34364
985	30	0.3433
990	30	0.34351
995	30	0.34343
1000	30	0.34348
1005	30	0.34375
1010	30	0.34335
1015	30	0.34381
1020	30	0.3433
1025	30	0.3436
1030	30	0.34343
1035	30	0.34329
1040	30	0.34353
1045	30	0.3434
1050	30	0.34328
1055	30	0.34362
1060	30	0.34335
1065	30	0.34386

EM wavele nm	EX wavele nm	R1 MicroAmps
1070	30	0.34334
1075	30	0.34323
1080	30	0.34354
1085	30	0.34338
1090	30	0.34372
1095	30	0.34353
1100	30	0.3433
1105	30	0.34382
1110	30	0.34344
1115	30	0.34381
1120	30	0.34372
1125	30	0.3435
1130	30	0.34363
1135	30	0.34326
1140	30	0.34351
1145	30	0.34351
1150	30	0.34323
0	35	0.31512
5	35	0.31521
10	35	0.31498
15	35	0.31521
20	35	0.31528
25	35	0.31499
30	35	0.31539
35	35	0.31519
40	35	0.3154
45	35	0.31506
50	35	0.3153
55	35	0.31517
60	35	0.31539
65	35	0.31519
70	35	0.31529
75	35	0.31529
80	35	0.31515
85	35	0.31522
90	35	0.31519
95	35	0.3153
100	35	0.31488
105	35	0.31525
110	35	0.31512
115	35	0.31536
120	35	0.31515
125	35	0.31561
130	35	0.3152
135	35	0.31531
140	35	0.31519
145	35	0.31533
150	35	0.31498
155	35	0.31504
160	35	0.31519
165	35	0.31486
170	35	0.31501
175	35	0.31497
180	35	0.31507
185	35	0.31499
190	35	0.31543
195	35	0.3151
200	35	0.31553
205	35	0.31541
210	35	0.31554
215	35	0.31539
220	35	0.31543
225	35	0.31535
230	35	0.31529

EM wavele nm	EX wavele nm	R1 MicroAmps
235	35	0.31539
240	35	0.31511
245	35	0.3154
250	35	0.31503
255	35	0.31532
260	35	0.31518
265	35	0.31528
270	35	0.31497
275	35	0.31529
280	35	0.31513
285	35	0.31526
290	35	0.31541
295	35	0.3153
300	35	0.31548
305	35	0.31514
310	35	0.31551
315	35	0.31517
320	35	0.31558
325	35	0.31523
330	35	0.31543
335	35	0.31525
340	35	0.3153
345	35	0.31528
350	35	0.3153
355	35	0.31538
360	35	0.31518
365	35	0.31539
370	35	0.31506
375	35	0.31528
380	35	0.315
385	35	0.31541
390	35	0.31519
395	35	0.31543
400	35	0.31531
405	35	0.31542
410	35	0.31526
415	35	0.31538
420	35	0.31556
425	35	0.31526
430	35	0.31563
435	35	0.31516
440	35	0.31557
445	35	0.31503
450	35	0.31548
455	35	0.31539
460	35	0.31548
465	35	0.31541
470	35	0.31553
475	35	0.31544
480	35	0.31531
485	35	0.31563
490	35	0.31527
495	35	0.3154
500	35	0.31516
505	35	0.31542
510	35	0.31518
515	35	0.31554
520	35	0.3152
525	35	0.31543
530	35	0.31529
535	35	0.31521
540	35	0.31543
545	35	0.31517
550	35	0.31555

EM wavele nm	EX wavele nm	R1 MicroAmps
555	35	0.31525
560	35	0.31536
565	35	0.31529
570	35	0.31552
575	35	0.31531
580	35	0.31515
585	35	0.31535
590	35	0.31511
595	35	0.31542
600	35	0.31513
605	35	0.31535
610	35	0.31521
615	35	0.31529
620	35	0.31543
625	35	0.31516
630	35	0.31537
635	35	0.3151
640	35	0.31535
645	35	0.31523
650	35	0.3156
655	35	0.31515
660	35	0.31515
665	35	0.31545
670	35	0.31518
675	35	0.31544
680	35	0.31519
685	35	0.31546
690	35	0.31532
695	35	0.31534
700	35	0.31541
705	35	0.31508
710	35	0.31553
715	35	0.31514
720	35	0.31537
725	35	0.31526
730	35	0.31554
735	35	0.31542
740	35	0.31525
745	35	0.31571
750	35	0.31525
755	35	0.31558
760	35	0.31531
765	35	0.3153
770	35	0.31519
775	35	0.31519
780	35	0.3155
785	35	0.3151
790	35	0.3155
795	35	0.31531
800	35	0.31526
805	35	0.31542
810	35	0.31524
815	35	0.31543
820	35	0.31514
825	35	0.31539
830	35	0.31522
835	35	0.31522
840	35	0.31531
845	35	0.31511
850	35	0.31549
855	35	0.31505
860	35	0.31533
865	35	0.31517
870	35	0.31527

EM wavele nm	EX wavele nm	R1 MicroAmps
875	35	0.31551
880	35	0.31521
885	35	0.31571
890	35	0.31518
895	35	0.31555
900	35	0.31537
905	35	0.31512
910	35	0.31537
915	35	0.31517
920	35	0.31545
925	35	0.3151
930	35	0.31538
935	35	0.31522
940	35	0.31541
945	35	0.31542
950	35	0.31518
955	35	0.31552
960	35	0.31501
965	35	0.31553
970	35	0.31528
975	35	0.3152
980	35	0.31552
985	35	0.31528
990	35	0.3156
995	35	0.31539
1000	35	0.3154
1005	35	0.31535
1010	35	0.31513
1015	35	0.31546
1020	35	0.31531
1025	35	0.31547
1030	35	0.3152
1035	35	0.31514
1040	35	0.31545
1045	35	0.31517
1050	35	0.31556
1055	35	0.31535
1060	35	0.31531
1065	35	0.31551
1070	35	0.31527
1075	35	0.31555
1080	35	0.31534
1085	35	0.31515
1090	35	0.31557
1095	35	0.31526
1100	35	0.31568
1105	35	0.31533
1110	35	0.31512
1115	35	0.31545
1120	35	0.31531
1125	35	0.31543
1130	35	0.3155
1135	35	0.3152
1140	35	0.31527
1145	35	0.31552
1150	35	0.31537
0	40	0.26321
5	40	0.26298
10	40	0.26319
15	40	0.26321
20	40	0.26337
25	40	0.2631
30	40	0.26337
35	40	0.26309

EM wavele nm	EX wavele nm	R1 MicroAmps
40	40	0.26328
45	40	0.26305
50	40	0.26328
55	40	0.26318
60	40	0.26327
65	40	0.2631
70	40	0.26351
75	40	0.26317
80	40	0.26314
85	40	0.2633
90	40	0.26299
95	40	0.2631
100	40	0.26296
105	40	0.26325
110	40	0.26298
115	40	0.26327
120	40	0.26313
125	40	0.26342
130	40	0.26314
135	40	0.26328
140	40	0.26332
145	40	0.26319
150	40	0.26313
155	40	0.26333
160	40	0.26342
165	40	0.26313
170	40	0.26349
175	40	0.26338
180	40	0.26344
185	40	0.26318
190	40	0.26348
195	40	0.26321
200	40	0.26339
205	40	0.2633
210	40	0.2634
215	40	0.26308
220	40	0.26323
225	40	0.26321
230	40	0.26321
235	40	0.26319
240	40	0.26317
245	40	0.2633
250	40	0.2632
255	40	0.2633
260	40	0.26313
265	40	0.26331
270	40	0.26309
275	40	0.26333
280	40	0.2631
285	40	0.26335
290	40	0.26315
295	40	0.26329
300	40	0.26309
305	40	0.26311
310	40	0.26323
315	40	0.26307
320	40	0.26321
325	40	0.26308
330	40	0.26333
335	40	0.26305
340	40	0.26324
345	40	0.26318
350	40	0.26324
355	40	0.26323

EM wavele nm	EX wavele nm	R1 MicroAmps
360	40	0.26318
365	40	0.26322
370	40	0.26324
375	40	0.26333
380	40	0.26311
385	40	0.26336
390	40	0.26309
395	40	0.26324
400	40	0.26317
405	40	0.26335
410	40	0.2631
415	40	0.26306
420	40	0.26311
425	40	0.26302
430	40	0.26305
435	40	0.263
440	40	0.26319
445	40	0.26309
450	40	0.26325
455	40	0.26315
460	40	0.26321
465	40	0.26317
470	40	0.26308
475	40	0.26315
480	40	0.26314
485	40	0.26317
490	40	0.26303
495	40	0.26328
500	40	0.26299
505	40	0.2632
510	40	0.26316
515	40	0.26312
520	40	0.26318
525	40	0.26321
530	40	0.26315
535	40	0.26297
540	40	0.2632
545	40	0.26297
550	40	0.26307
555	40	0.26287
560	40	0.26326
565	40	0.26322
570	40	0.2633
575	40	0.26326
580	40	0.26322
585	40	0.26341
590	40	0.26309
595	40	0.26324
600	40	0.26304
605	40	0.26324
610	40	0.26299
615	40	0.26317
620	40	0.26306
625	40	0.26339
630	40	0.26329
635	40	0.26322
640	40	0.26324
645	40	0.26303
650	40	0.26311
655	40	0.26274
660	40	0.2631
665	40	0.26296
670	40	0.26302
675	40	0.26307

EM wavele nm	EX wavele nm	R1 MicroAmps
680	40	0.26303
685	40	0.26327
690	40	0.26306
695	40	0.26319
700	40	0.26319
705	40	0.26319
710	40	0.26319
715	40	0.26303
720	40	0.26323
725	40	0.26327
730	40	0.26324
735	40	0.26324
740	40	0.26312
745	40	0.26319
750	40	0.26312
755	40	0.26315
760	40	0.26297
765	40	0.26298
770	40	0.26316
775	40	0.263
780	40	0.26322
785	40	0.26289
790	40	0.26312
795	40	0.2631
800	40	0.2629
805	40	0.26317
810	40	0.26296
815	40	0.26319
820	40	0.26295
825	40	0.26296
830	40	0.2629
835	40	0.26296
840	40	0.263
845	40	0.26292
850	40	0.26312
855	40	0.26302
860	40	0.26312
865	40	0.26305
870	40	0.26286
875	40	0.26318
880	40	0.26299
885	40	0.26322
890	40	0.2629
895	40	0.26315
900	40	0.26321
905	40	0.26293
910	40	0.26304
915	40	0.26292
920	40	0.26318
925	40	0.26307
930	40	0.26297
935	40	0.2631
940	40	0.26308
945	40	0.26324
950	40	0.2629
955	40	0.26297
960	40	0.26303
965	40	0.26309
970	40	0.26313
975	40	0.26283
980	40	0.26317
985	40	0.263
990	40	0.26313
995	40	0.26302

EM wavele nm	EX wavele nm	R1 MicroAmps
1000	40	0.26292
1005	40	0.26324
1010	40	0.263
1015	40	0.26328
1020	40	0.26295
1025	40	0.26298
1030	40	0.26321
1035	40	0.26293
1040	40	0.26317
1045	40	0.26312
1050	40	0.26323
1055	40	0.26331
1060	40	0.26313
1065	40	0.26335
1070	40	0.26297
1075	40	0.26285
1080	40	0.26306
1085	40	0.26288
1090	40	0.26319
1095	40	0.26314
1100	40	0.26295
1105	40	0.26314
1110	40	0.26295
1115	40	0.26302
1120	40	0.26307
1125	40	0.26295
1130	40	0.26315
1135	40	0.26298
1140	40	0.26296
1145	40	0.26324
1150	40	0.26301
0	45	0.1884
5	45	0.18824
10	45	0.18844
15	45	0.18822
20	45	0.18837
25	45	0.18828
30	45	0.18842
35	45	0.18824
40	45	0.18833
45	45	0.18831
50	45	0.18817
55	45	0.18833
60	45	0.1884
65	45	0.18833
70	45	0.18828
75	45	0.18841
80	45	0.18827
85	45	0.18835
90	45	0.18819
95	45	0.18838
100	45	0.18829
105	45	0.18848
110	45	0.18824
115	45	0.18841
120	45	0.18821
125	45	0.18825
130	45	0.18822
135	45	0.18825
140	45	0.18828
145	45	0.18819
150	45	0.18837
155	45	0.18816
160	45	0.1883

EM wavele nm	EX wavele nm	R1 MicroAmps
165	45	0.18824
170	45	0.18839
175	45	0.18825
180	45	0.1882
185	45	0.18827
190	45	0.18827
195	45	0.18815
200	45	0.18821
205	45	0.1883
210	45	0.18821
215	45	0.18832
220	45	0.18819
225	45	0.18843
230	45	0.18821
235	45	0.18836
240	45	0.18824
245	45	0.18834
250	45	0.1883
255	45	0.18832
260	45	0.18837
265	45	0.18833
270	45	0.18823
275	45	0.18828
280	45	0.18832
285	45	0.18832
290	45	0.1884
295	45	0.18827
300	45	0.18848
305	45	0.18822
310	45	0.1883
315	45	0.1882
320	45	0.18821
325	45	0.18819
330	45	0.18836
335	45	0.18824
340	45	0.18818
345	45	0.18844
350	45	0.18826
355	45	0.18837
360	45	0.18826
365	45	0.18851
370	45	0.18838
375	45	0.18849
380	45	0.18826
385	45	0.18849
390	45	0.18834
395	45	0.18828
400	45	0.18837
405	45	0.18831
410	45	0.18829
415	45	0.18822
420	45	0.1883
425	45	0.18822
430	45	0.18839
435	45	0.18814
440	45	0.18834
445	45	0.18823
450	45	0.1883
455	45	0.1883
460	45	0.18841
465	45	0.18826
470	45	0.18839
475	45	0.18841
480	45	0.18824

EM wavele nm	EX wavele nm	R1 MicroAmps
485	45	0.18835
490	45	0.18818
495	45	0.18826
500	45	0.1882
505	45	0.18828
510	45	0.18821
515	45	0.1884
520	45	0.18817
525	45	0.18832
530	45	0.18828
535	45	0.18832
540	45	0.18832
545	45	0.18828
550	45	0.18848
555	45	0.18823
560	45	0.1884
565	45	0.18817
570	45	0.18846
575	45	0.18825
580	45	0.18823
585	45	0.18823
590	45	0.1882
595	45	0.18827
600	45	0.18827
605	45	0.18842
610	45	0.18821
615	45	0.18826
620	45	0.18823
625	45	0.1883
630	45	0.1883
635	45	0.18815
640	45	0.18832
645	45	0.18822
650	45	0.18845
655	45	0.18833
660	45	0.18836
665	45	0.1885
670	45	0.18837
675	45	0.18849
680	45	0.18824
685	45	0.18842
690	45	0.18823
695	45	0.1882
700	45	0.18832
705	45	0.18821
710	45	0.18837
715	45	0.18819
720	45	0.18836
725	45	0.18821
730	45	0.18838
735	45	0.1884
740	45	0.18823
745	45	0.18834
750	45	0.18825
755	45	0.18827
760	45	0.18814
765	45	0.1882
770	45	0.18831
775	45	0.18836
780	45	0.18849
785	45	0.18825
790	45	0.18834
795	45	0.18823
800	45	0.18826

EM wavele nm	EX wavele nm	R1 MicroAmps
805	45	0.18824
810	45	0.18816
815	45	0.18833
820	45	0.18826
825	45	0.18832
830	45	0.18832
835	45	0.18824
840	45	0.1884
845	45	0.18818
850	45	0.18846
855	45	0.18815
860	45	0.18825
865	45	0.18831
870	45	0.18817
875	45	0.18834
880	45	0.18813
885	45	0.18843
890	45	0.18833
895	45	0.18838
900	45	0.18834
905	45	0.18828
910	45	0.18841
915	45	0.18828
920	45	0.18835
925	45	0.18829
930	45	0.18828
935	45	0.18826
940	45	0.18818
945	45	0.18838
950	45	0.18823
955	45	0.18841
960	45	0.18822
965	45	0.18826
970	45	0.18829
975	45	0.18827
980	45	0.1883
985	45	0.1882
990	45	0.18835
995	45	0.18823
1000	45	0.18822
1005	45	0.18833
1010	45	0.18817
1015	45	0.18839
1020	45	0.1882
1025	45	0.18829
1030	45	0.18823
1035	45	0.1882
1040	45	0.18831
1045	45	0.18807
1050	45	0.18816
1055	45	0.18824
1060	45	0.18818
1065	45	0.18836
1070	45	0.18815
1075	45	0.18815
1080	45	0.18823
1085	45	0.18813
1090	45	0.18833
1095	45	0.18823
1100	45	0.18807
1105	45	0.18829
1110	45	0.18807
1115	45	0.18827
1120	45	0.18824

EM wavele nm	EX wavele nm	R1 MicroAmps
1125	45	0.18816
1130	45	0.18828
1135	45	0.18824
1140	45	0.18833
1145	45	0.18838
1150	45	0.1882
0	50	0.13166
5	50	0.13158
10	50	0.13167
15	50	0.13164
20	50	0.13173
25	50	0.13158
30	50	0.13172
35	50	0.13164
40	50	0.13167
45	50	0.13162
50	50	0.13162
55	50	0.13162
60	50	0.13153
65	50	0.1316
70	50	0.1316
75	50	0.13167
80	50	0.13158
85	50	0.1317
90	50	0.13162
95	50	0.13164
100	50	0.13159
105	50	0.13162
110	50	0.13156
115	50	0.13153
120	50	0.13154
125	50	0.13155
130	50	0.1316
135	50	0.13157
140	50	0.13169
145	50	0.13158
150	50	0.13168
155	50	0.13162
160	50	0.1317
165	50	0.13164
170	50	0.13166
175	50	0.13171
180	50	0.13168
185	50	0.13172
190	50	0.13175
195	50	0.13179
200	50	0.13168
205	50	0.13176
210	50	0.1317
215	50	0.13177
220	50	0.13164
225	50	0.13174
230	50	0.13164
235	50	0.13168
240	50	0.13163
245	50	0.13169
250	50	0.13164
255	50	0.13162
260	50	0.13164
265	50	0.13161
270	50	0.13168
275	50	0.1316
280	50	0.13172
285	50	0.13168

EM wavele nm	EX wavele nm	R1 MicroAmps
290	50	0.13177
295	50	0.13167
300	50	0.13177
305	50	0.13162
310	50	0.13172
315	50	0.1317
320	50	0.13174
325	50	0.13173
330	50	0.13176
335	50	0.13175
340	50	0.13165
345	50	0.1317
350	50	0.13161
355	50	0.13164
360	50	0.13158
365	50	0.13168
370	50	0.13158
375	50	0.13166
380	50	0.13163
385	50	0.13172
390	50	0.13162
395	50	0.13173
400	50	0.13171
405	50	0.13165
410	50	0.13173
415	50	0.13168
420	50	0.13171
425	50	0.13157
430	50	0.13163
435	50	0.13156
440	50	0.13168
445	50	0.13154
450	50	0.13165
455	50	0.13166
460	50	0.13158
465	50	0.13157
470	50	0.13157
475	50	0.13163
480	50	0.13152
485	50	0.13166
490	50	0.13158
495	50	0.13174
500	50	0.13163
505	50	0.13169
510	50	0.1317
515	50	0.13168
520	50	0.1317
525	50	0.13174
530	50	0.13171
535	50	0.13168
540	50	0.13173
545	50	0.13165
550	50	0.13176
555	50	0.13166
560	50	0.13171
565	50	0.1317
570	50	0.13168
575	50	0.13169
580	50	0.13173
585	50	0.13169
590	50	0.1316
595	50	0.13176
600	50	0.13164
605	50	0.13174

EM wavele nm	EX wavele nm	R1 MicroAmps
610	50	0.13167
615	50	0.1317
620	50	0.13168
625	50	0.13165
630	50	0.13168
635	50	0.13156
640	50	0.13169
645	50	0.13163
650	50	0.13161
655	50	0.13164
660	50	0.1316
665	50	0.1317
670	50	0.13161
675	50	0.13177
680	50	0.13166
685	50	0.13165
690	50	0.13167
695	50	0.13162
700	50	0.13171
705	50	0.1316
710	50	0.13173
715	50	0.13163
720	50	0.13169
725	50	0.13167
730	50	0.13162
735	50	0.13174
740	50	0.13165
745	50	0.13175
750	50	0.13166
755	50	0.13175
760	50	0.13176
765	50	0.13172
770	50	0.13178
775	50	0.13166
780	50	0.13176
785	50	0.13168
790	50	0.13175
795	50	0.13172
800	50	0.13168
805	50	0.13176
810	50	0.13167
815	50	0.1317
820	50	0.13168
825	50	0.13172
830	50	0.13163
835	50	0.13158
840	50	0.13167
845	50	0.13165
850	50	0.13177
855	50	0.13169
860	50	0.13171
865	50	0.13175
870	50	0.13175
875	50	0.13171
880	50	0.13165
885	50	0.13177
890	50	0.13166
895	50	0.13172
900	50	0.13171
905	50	0.1317
910	50	0.13176
915	50	0.13163
920	50	0.13168
925	50	0.13162

EM wavele nm	EX wavele nm	R1 MicroAmps
930	50	0.13169
935	50	0.13163
940	50	0.13164
945	50	0.13173
950	50	0.13162
955	50	0.1318
960	50	0.13163
965	50	0.13165
970	50	0.13168
975	50	0.13162
980	50	0.13168
985	50	0.13154
990	50	0.13161
995	50	0.13161
1000	50	0.13158
1005	50	0.13163
1010	50	0.13161
1015	50	0.13163
1020	50	0.13164
1025	50	0.13161
1030	50	0.13169
1035	50	0.1316
1040	50	0.1317
1045	50	0.13166
1050	50	0.13159
1055	50	0.13158
1060	50	0.13152
1065	50	0.1316
1070	50	0.13162
1075	50	0.13161
1080	50	0.13168
1085	50	0.13159
1090	50	0.13159
1095	50	0.13158
1100	50	0.13158
1105	50	0.13166
1110	50	0.13159
1115	50	0.13161
1120	50	0.13172
1125	50	0.13165
1130	50	0.13165
1135	50	0.13158
1140	50	0.13162
1145	50	0.13169
1150	50	0.13167
0	55	0.11916
5	55	0.11905
10	55	0.11919
15	55	0.11903
20	55	0.11904
25	55	0.119
30	55	0.119
35	55	0.11903
40	55	0.11906
45	55	0.11903
50	55	0.11899
55	55	0.11906
60	55	0.11904
65	55	0.11904
70	55	0.11907
75	55	0.11914
80	55	0.11906
85	55	0.11917
90	55	0.11912

EM wavele nm	EX wavele nm	R1 MicroAmps
95	55	0.1192
100	55	0.1191
105	55	0.11914
110	55	0.11908
115	55	0.11914
120	55	0.11911
125	55	0.11916
130	55	0.11914
135	55	0.11911
140	55	0.11915
145	55	0.11916
150	55	0.11916
155	55	0.11907
160	55	0.11907
165	55	0.11901
170	55	0.11912
175	55	0.11906
180	55	0.11919
185	55	0.1191
190	55	0.11912
195	55	0.11909
200	55	0.11915
205	55	0.11914
210	55	0.11914
215	55	0.11912
220	55	0.11904
225	55	0.11912
230	55	0.11907
235	55	0.11909
240	55	0.11902
245	55	0.11909
250	55	0.11904
255	55	0.11907
260	55	0.11904
265	55	0.11913
270	55	0.1191
275	55	0.1191
280	55	0.11908
285	55	0.11914
290	55	0.11908
295	55	0.11905
300	55	0.11915
305	55	0.11904
310	55	0.11911
315	55	0.11906
320	55	0.11917
325	55	0.11909
330	55	0.11917
335	55	0.11913
340	55	0.11916
345	55	0.11911
350	55	0.1191
355	55	0.11914
360	55	0.11906
365	55	0.11913
370	55	0.11906
375	55	0.11914
380	55	0.11909
385	55	0.11912
390	55	0.11909
395	55	0.11911
400	55	0.11903
405	55	0.11916
410	55	0.1191

EM wavele nm	EX wavele nm	R1 MicroAmps
415	55	0.11908
420	55	0.11912
425	55	0.1191
430	55	0.1191
435	55	0.11902
440	55	0.11907
445	55	0.11903
450	55	0.11908
455	55	0.11906
460	55	0.11912
465	55	0.11904
470	55	0.11911
475	55	0.11903
480	55	0.11912
485	55	0.11904
490	55	0.11903
495	55	0.11911
500	55	0.11905
505	55	0.11908
510	55	0.11907
515	55	0.1191
520	55	0.11903
525	55	0.11913
530	55	0.11904
535	55	0.11912
540	55	0.11904
545	55	0.1191
550	55	0.11909
555	55	0.11907
560	55	0.11906
565	55	0.11897
570	55	0.11907
575	55	0.119
580	55	0.11906
585	55	0.11903
590	55	0.1191
595	55	0.11908
600	55	0.11903
605	55	0.11913
610	55	0.11901
615	55	0.11919
620	55	0.119
625	55	0.11914
630	55	0.11908
635	55	0.11901
640	55	0.11904
645	55	0.11909
650	55	0.11908
655	55	0.11899
660	55	0.11912
665	55	0.11905
670	55	0.11911
675	55	0.119
680	55	0.11901
685	55	0.11903
690	55	0.11899
695	55	0.11909
700	55	0.11898
705	55	0.11899
710	55	0.11901
715	55	0.11902
720	55	0.11906
725	55	0.11901
730	55	0.1191

EM wavele nm	EX wavele nm	R1 MicroAmps
735	55	0.11906
740	55	0.11908
745	55	0.11904
750	55	0.11909
755	55	0.11913
760	55	0.11905
765	55	0.11913
770	55	0.11905
775	55	0.11915
780	55	0.11909
785	55	0.119
790	55	0.11909
795	55	0.11899
800	55	0.11911
805	55	0.11902
810	55	0.11902
815	55	0.11904
820	55	0.11908
825	55	0.11906
830	55	0.11901
835	55	0.11911
840	55	0.11902
845	55	0.11913
850	55	0.11906
855	55	0.11909
860	55	0.1191
865	55	0.11905
870	55	0.11914
875	55	0.11904
880	55	0.11907
885	55	0.11907
890	55	0.11904
895	55	0.11902
900	55	0.11905
905	55	0.11909
910	55	0.11901
915	55	0.11907
920	55	0.11905
925	55	0.119
930	55	0.11908
935	55	0.11899
940	55	0.11908
945	55	0.119
950	55	0.11903
955	55	0.11902
960	55	0.11899
965	55	0.11907
970	55	0.11897
975	55	0.11906
980	55	0.11897
985	55	0.119
990	55	0.11903
995	55	0.11899
1000	55	0.11906
1005	55	0.119
1010	55	0.11905
1015	55	0.11902
1020	55	0.11903
1025	55	0.11906
1030	55	0.11902
1035	55	0.11909
1040	55	0.11904
1045	55	0.119
1050	55	0.11903

EM wavele nm	EX wavele nm	R1 MicroAmps
1055	55	0.11896
1060	55	0.11902
1065	55	0.11895
1070	55	0.11902
1075	55	0.11902
1080	55	0.11898
1085	55	0.11896
1090	55	0.11902
1095	55	0.11904
1100	55	0.11902
1105	55	0.11897
1110	55	0.11896
1115	55	0.11901
1120	55	0.11899
1125	55	0.11906
1130	55	0.11907
1135	55	0.11903
1140	55	0.11915
1145	55	0.11906
1150	55	0.11913
0	60	0.1096
5	60	0.10964
10	60	0.10959
15	60	0.10963
20	60	0.10956
25	60	0.10953
30	60	0.10955
35	60	0.10953
40	60	0.10953
45	60	0.10951
50	60	0.10957
55	60	0.1095
60	60	0.10956
65	60	0.10954
70	60	0.10963
75	60	0.10953
80	60	0.1096
85	60	0.10957
90	60	0.10952
95	60	0.1096
100	60	0.10955
105	60	0.10962
110	60	0.10955
115	60	0.10969
120	60	0.10957
125	60	0.10966
130	60	0.10953
135	60	0.10958
140	60	0.10954
145	60	0.1095
150	60	0.10955
155	60	0.10954
160	60	0.10954
165	60	0.10952
170	60	0.10954
175	60	0.10948
180	60	0.10956
185	60	0.10948
190	60	0.10953
195	60	0.10949
200	60	0.10956
205	60	0.10958
210	60	0.10961
215	60	0.10961

EM wavele nm	EX wavele nm	R1 MicroAmps
220	60	0.10959
225	60	0.10963
230	60	0.10958
235	60	0.10962
240	60	0.10954
245	60	0.10962
250	60	0.10957
255	60	0.10963
260	60	0.10957
265	60	0.10961
270	60	0.1095
275	60	0.10955
280	60	0.10956
285	60	0.10952
290	60	0.10963
295	60	0.10959
300	60	0.10966
305	60	0.10959
310	60	0.10967
315	60	0.10958
320	60	0.10967
325	60	0.10963
330	60	0.10958
335	60	0.1096
340	60	0.10963
345	60	0.10956
350	60	0.10966
355	60	0.10961
360	60	0.1096
365	60	0.10962
370	60	0.1095
375	60	0.10963
380	60	0.10956
385	60	0.10961
390	60	0.10962
395	60	0.10961
400	60	0.1096
405	60	0.10967
410	60	0.10963
415	60	0.10957
420	60	0.10962
425	60	0.10953
430	60	0.10964
435	60	0.10956
440	60	0.10961
445	60	0.10955
450	60	0.10959
455	60	0.10956
460	60	0.10962
465	60	0.10961
470	60	0.10955
475	60	0.10959
480	60	0.10958
485	60	0.10962
490	60	0.10958
495	60	0.10957
500	60	0.10957
505	60	0.10959
510	60	0.10961
515	60	0.10959
520	60	0.10958
525	60	0.10955
530	60	0.10959
535	60	0.10956

EM wavele nm	EX wavele nm	R1 MicroAmps
540	60	0.10961
545	60	0.10952
550	60	0.10957
555	60	0.10955
560	60	0.1095
565	60	0.10959
570	60	0.10952
575	60	0.10956
580	60	0.10955
585	60	0.10962
590	60	0.10956
595	60	0.10965
600	60	0.10955
605	60	0.10967
610	60	0.10958
615	60	0.10962
620	60	0.10962
625	60	0.10958
630	60	0.1096
635	60	0.10955
640	60	0.10963
645	60	0.10962
650	60	0.10962
655	60	0.10962
660	60	0.10958
665	60	0.10959
670	60	0.10957
675	60	0.10963
680	60	0.10955
685	60	0.10953
690	60	0.10958
695	60	0.10958
700	60	0.1096
705	60	0.10953
710	60	0.10955
715	60	0.10956
720	60	0.10961
725	60	0.10955
730	60	0.10954
735	60	0.10962
740	60	0.10955
745	60	0.10964
750	60	0.10954
755	60	0.1096
760	60	0.10964
765	60	0.10959
770	60	0.10964
775	60	0.10956
780	60	0.10959
785	60	0.10959
790	60	0.10955
795	60	0.10958
800	60	0.1095
805	60	0.10957
810	60	0.10955
815	60	0.1095
820	60	0.10955
825	60	0.10957
830	60	0.1096
835	60	0.10953
840	60	0.10961
845	60	0.10955
850	60	0.1096
855	60	0.10959

EM wavele nm	EX wavele nm	R1 MicroAmps
860	60	0.10955
865	60	0.10964
870	60	0.10953
875	60	0.10963
880	60	0.10952
885	60	0.10956
890	60	0.1096
895	60	0.10955
900	60	0.10961
905	60	0.10958
910	60	0.10955
915	60	0.10962
920	60	0.10952
925	60	0.1096
930	60	0.10956
935	60	0.10968
940	60	0.10964
945	60	0.1096
950	60	0.10966
955	60	0.10956
960	60	0.1096
965	60	0.10955
970	60	0.10954
975	60	0.10955
980	60	0.10954
985	60	0.10955
990	60	0.10949
995	60	0.10953
1000	60	0.10949
1005	60	0.10956
1010	60	0.1096
1015	60	0.10951
1020	60	0.10959
1025	60	0.10954
1030	60	0.1096
1035	60	0.10956
1040	60	0.10951
1045	60	0.10961
1050	60	0.10958
1055	60	0.10965
1060	60	0.10955
1065	60	0.10955
1070	60	0.10962
1075	60	0.10955
1080	60	0.10961
1085	60	0.10956
1090	60	0.10952
1095	60	0.10957
1100	60	0.10956
1105	60	0.10963
1110	60	0.10961
1115	60	0.10962
1120	60	0.10965
1125	60	0.10958
1130	60	0.10959
1135	60	0.10961
1140	60	0.10956
1145	60	0.10962
1150	60	0.1096
0	65	0.10218
5	65	0.10219
10	65	0.10217
15	65	0.10217
20	65	0.10219

EM wavele nm	EX wavele nm	R1 MicroAmps
25	65	0.10219
30	65	0.1021
35	65	0.10219
40	65	0.10216
45	65	0.1022
50	65	0.10216
55	65	0.10218
60	65	0.10214
65	65	0.10215
70	65	0.10211
75	65	0.10215
80	65	0.10217
85	65	0.10215
90	65	0.10219
95	65	0.10216
100	65	0.10218
105	65	0.10216
110	65	0.10217
115	65	0.10212
120	65	0.10216
125	65	0.10216
130	65	0.10217
135	65	0.10217
140	65	0.10217
145	65	0.10214
150	65	0.10217
155	65	0.10215
160	65	0.10211
165	65	0.10209
170	65	0.10212
175	65	0.10215
180	65	0.10216
185	65	0.1021
190	65	0.10214
195	65	0.10215
200	65	0.10216
205	65	0.10214
210	65	0.10217
215	65	0.10215
220	65	0.10214
225	65	0.10213
230	65	0.10214
235	65	0.10209
240	65	0.10216
245	65	0.10218
250	65	0.10218
255	65	0.10218
260	65	0.10217
265	65	0.10219
270	65	0.10215
275	65	0.10216
280	65	0.10214
285	65	0.10218
290	65	0.1021
295	65	0.10215
300	65	0.10214
305	65	0.1021
310	65	0.10224
315	65	0.10223
320	65	0.10222
325	65	0.10222
330	65	0.10223
335	65	0.1022
340	65	0.10222

EM wavele nm	EX wavele nm	R1 MicroAmps
345	65	0.10218
350	65	0.10222
355	65	0.1022
360	65	0.1022
365	65	0.10218
370	65	0.10218
375	65	0.1022
380	65	0.10218
385	65	0.10219
390	65	0.10215
395	65	0.10217
400	65	0.10215
405	65	0.10214
410	65	0.10217
415	65	0.10211
420	65	0.10216
425	65	0.10215
430	65	0.10216
435	65	0.10213
440	65	0.10217
445	65	0.10214
450	65	0.10216
455	65	0.10213
460	65	0.10213
465	65	0.10217
470	65	0.10215
475	65	0.1022
480	65	0.10216
485	65	0.10217
490	65	0.10214
495	65	0.10216
500	65	0.10215
505	65	0.10215
510	65	0.10216
515	65	0.10214
520	65	0.10219
525	65	0.10214
530	65	0.10215
535	65	0.10211
540	65	0.10218
545	65	0.10209
550	65	0.10211
555	65	0.10214
560	65	0.10209
565	65	0.10211
570	65	0.10208
575	65	0.10209
580	65	0.10214
585	65	0.10216
590	65	0.10213
595	65	0.10212
600	65	0.10217
605	65	0.10212
610	65	0.10209
615	65	0.10213
620	65	0.10216
625	65	0.10216
630	65	0.10215
635	65	0.10214
640	65	0.10216
645	65	0.10216
650	65	0.10215
655	65	0.1021
660	65	0.10214

EM wavele nm	EX wavele nm	R1 MicroAmps
665	65	0.1022
670	65	0.10216
675	65	0.10218
680	65	0.10217
685	65	0.10215
690	65	0.10213
695	65	0.10215
700	65	0.10212
705	65	0.10211
710	65	0.10213
715	65	0.10208
720	65	0.10211
725	65	0.10211
730	65	0.10215
735	65	0.10214
740	65	0.10212
745	65	0.10215
750	65	0.10207
755	65	0.10213
760	65	0.10209
765	65	0.1021
770	65	0.10218
775	65	0.10212
780	65	0.10211
785	65	0.10214
790	65	0.10215
795	65	0.10216
800	65	0.10213
805	65	0.1022
810	65	0.10214
815	65	0.10214
820	65	0.10214
825	65	0.10208
830	65	0.10212
835	65	0.10211
840	65	0.10214
845	65	0.10215
850	65	0.10213
855	65	0.10218
860	65	0.10214
865	65	0.10218
870	65	0.10209
875	65	0.10217
880	65	0.10216
885	65	0.1021
890	65	0.10214
895	65	0.10213
900	65	0.10217
905	65	0.1021
910	65	0.10211
915	65	0.10217
920	65	0.10215
925	65	0.10223
930	65	0.10215
935	65	0.10218
940	65	0.10217
945	65	0.10218
950	65	0.1022
955	65	0.10215
960	65	0.10221
965	65	0.10215
970	65	0.10219
975	65	0.1022
980	65	0.10216

EM wavele nm	EX wavele nm	R1 MicroAmps
985	65	0.1022
990	65	0.10215
995	65	0.1022
1000	65	0.10215
1005	65	0.10215
1010	65	0.10219
1015	65	0.10214
1020	65	0.10222
1025	65	0.10216
1030	65	0.10217
1035	65	0.10218
1040	65	0.10213
1045	65	0.10223
1050	65	0.10218
1055	65	0.10217
1060	65	0.10219
1065	65	0.10215
1070	65	0.1022
1075	65	0.10213
1080	65	0.10217
1085	65	0.10216
1090	65	0.10215
1095	65	0.10214
1100	65	0.10216
1105	65	0.10211
1110	65	0.10223
1115	65	0.10214
1120	65	0.10215
1125	65	0.10214
1130	65	0.10214
1135	65	0.10219
1140	65	0.10216
1145	65	0.10217
1150	65	0.10219
0	70	0.09606
5	70	0.09605
10	70	0.09598
15	70	0.09604
20	70	0.09601
25	70	0.09608
30	70	0.09603
35	70	0.09605
40	70	0.09607
45	70	0.09605
50	70	0.09607
55	70	0.09609
60	70	0.0961
65	70	0.09604
70	70	0.09608
75	70	0.09602
80	70	0.09605
85	70	0.09604
90	70	0.09607
95	70	0.09601
100	70	0.09606
105	70	0.09603
110	70	0.09605
115	70	0.09602
120	70	0.09603
125	70	0.0961
130	70	0.09599
135	70	0.09604
140	70	0.09601
145	70	0.09604

EM wavele nm	EX wavele nm	R1 MicroAmps
150	70	0.09598
155	70	0.09604
160	70	0.09601
165	70	0.09604
170	70	0.09604
175	70	0.09598
180	70	0.09606
185	70	0.09601
190	70	0.09604
195	70	0.09603
200	70	0.09604
205	70	0.09601
210	70	0.09605
215	70	0.09607
220	70	0.09605
225	70	0.09608
230	70	0.09603
235	70	0.09602
240	70	0.09598
245	70	0.09603
250	70	0.09598
255	70	0.09602
260	70	0.09599
265	70	0.09604
270	70	0.096
275	70	0.09604
280	70	0.09607
285	70	0.096
290	70	0.09603
295	70	0.096
300	70	0.09604
305	70	0.09598
310	70	0.09605
315	70	0.09601
320	70	0.09605
325	70	0.09605
330	70	0.09607
335	70	0.09603
340	70	0.09602
345	70	0.09604
350	70	0.09608
355	70	0.09604
360	70	0.09606
365	70	0.09605
370	70	0.09599
375	70	0.09601
380	70	0.09598
385	70	0.09603
390	70	0.09603
395	70	0.09605
400	70	0.09607
405	70	0.09603
410	70	0.09601
415	70	0.09604
420	70	0.09599
425	70	0.09602
430	70	0.09604
435	70	0.09602
440	70	0.09605
445	70	0.09606
450	70	0.09608
455	70	0.09607
460	70	0.09606
465	70	0.09607

EM wavele nm	EX wavele nm	R1 MicroAmps
470	70	0.09607
475	70	0.09608
480	70	0.09605
485	70	0.09606
490	70	0.09604
495	70	0.09602
500	70	0.09599
505	70	0.09604
510	70	0.09602
515	70	0.096
520	70	0.09604
525	70	0.09601
530	70	0.09602
535	70	0.09599
540	70	0.09604
545	70	0.09603
550	70	0.09605
555	70	0.09601
560	70	0.09604
565	70	0.09602
570	70	0.09599
575	70	0.09601
580	70	0.09601
585	70	0.096
590	70	0.096
595	70	0.09604
600	70	0.09599
605	70	0.09601
610	70	0.09598
615	70	0.09601
620	70	0.09601
625	70	0.096
630	70	0.096
635	70	0.09599
640	70	0.09596
645	70	0.09591
650	70	0.09599
655	70	0.096
660	70	0.09599
665	70	0.09598
670	70	0.09594
675	70	0.09599
680	70	0.09597
685	70	0.09595
690	70	0.09605
695	70	0.09598
700	70	0.09604
705	70	0.09601
710	70	0.09599
715	70	0.09601
720	70	0.096
725	70	0.09603
730	70	0.09599
735	70	0.09599
740	70	0.09598
745	70	0.096
750	70	0.09599
755	70	0.09597
760	70	0.09597
765	70	0.09596
770	70	0.09593
775	70	0.09592
780	70	0.09592
785	70	0.09595

EM wavele nm	EX wavele nm	R1 MicroAmps
790	70	0.09594
795	70	0.09594
800	70	0.09597
805	70	0.09598
810	70	0.09595
815	70	0.09598
820	70	0.09593
825	70	0.09594
830	70	0.09595
835	70	0.09596
840	70	0.09598
845	70	0.096
850	70	0.09605
855	70	0.09601
860	70	0.096
865	70	0.096
870	70	0.09598
875	70	0.09606
880	70	0.09595
885	70	0.09595
890	70	0.09602
895	70	0.09597
900	70	0.09604
905	70	0.09597
910	70	0.09602
915	70	0.09601
920	70	0.09598
925	70	0.09601
930	70	0.09597
935	70	0.09602
940	70	0.09602
945	70	0.096
950	70	0.09603
955	70	0.09605
960	70	0.09603
965	70	0.09602
970	70	0.09603
975	70	0.09601
980	70	0.09602
985	70	0.09603
990	70	0.09602
995	70	0.09601
1000	70	0.09603
1005	70	0.09604
1010	70	0.09605
1015	70	0.09599
1020	70	0.09601
1025	70	0.09598
1030	70	0.09605
1035	70	0.096
1040	70	0.09598
1045	70	0.09601
1050	70	0.0961
1055	70	0.09607
1060	70	0.09611
1065	70	0.09604
1070	70	0.09604
1075	70	0.09604
1080	70	0.09604
1085	70	0.09603
1090	70	0.09601
1095	70	0.096
1100	70	0.09603
1105	70	0.09598

EM wavele nm	EX wavele nm	R1 MicroAmps
1110	70	0.096
1115	70	0.09602
1120	70	0.09601
1125	70	0.09598
1130	70	0.09599
1135	70	0.09594
1140	70	0.09599
1145	70	0.09599
1150	70	0.09597
0	75	0.09088
5	75	0.09085
10	75	0.09088
15	75	0.09084
20	75	0.09087
25	75	0.09085
30	75	0.09089
35	75	0.09082
40	75	0.09084
45	75	0.09084
50	75	0.09081
55	75	0.09086
60	75	0.09086
65	75	0.09086
70	75	0.09087
75	75	0.0909
80	75	0.09089
85	75	0.09089
90	75	0.09089
95	75	0.0909
100	75	0.09084
105	75	0.09086
110	75	0.09087
115	75	0.09087
120	75	0.09085
125	75	0.09081
130	75	0.09088
135	75	0.09084
140	75	0.09086
145	75	0.09087
150	75	0.09085
155	75	0.09085
160	75	0.09088
165	75	0.09089
170	75	0.09091
175	75	0.09088
180	75	0.09085
185	75	0.09089
190	75	0.09083
195	75	0.09088
200	75	0.09085
205	75	0.09087
210	75	0.09088
215	75	0.09088
220	75	0.09089
225	75	0.09088
230	75	0.09086
235	75	0.09085
240	75	0.09089
245	75	0.09081
250	75	0.09085
255	75	0.09086
260	75	0.09085
265	75	0.09087
270	75	0.09087

EM wavele nm	EX wavele nm	R1 MicroAmps
275	75	0.09088
280	75	0.0909
285	75	0.09086
290	75	0.09087
295	75	0.09086
300	75	0.09085
305	75	0.09089
310	75	0.09089
315	75	0.09087
320	75	0.09087
325	75	0.09087
330	75	0.09085
335	75	0.09089
340	75	0.09088
345	75	0.09089
350	75	0.09086
355	75	0.09086
360	75	0.09091
365	75	0.09086
370	75	0.09087
375	75	0.0909
380	75	0.09088
385	75	0.09088
390	75	0.09082
395	75	0.09083
400	75	0.09083
405	75	0.0908
410	75	0.09082
415	75	0.09085
420	75	0.09081
425	75	0.09084
430	75	0.09085
435	75	0.09083
440	75	0.09082
445	75	0.09077
450	75	0.09083
455	75	0.0908
460	75	0.09082
465	75	0.09085
470	75	0.09084
475	75	0.09086
480	75	0.09086
485	75	0.09087
490	75	0.09088
495	75	0.09087
500	75	0.09085
505	75	0.09085
510	75	0.09084
515	75	0.09081
520	75	0.09079
525	75	0.0908
530	75	0.09079
535	75	0.0908
540	75	0.09076
545	75	0.09078
550	75	0.09077
555	75	0.09081
560	75	0.09085
565	75	0.09085
570	75	0.09084
575	75	0.09084
580	75	0.09086
585	75	0.09082
590	75	0.0908

EM wavele nm	EX wavele nm	R1 MicroAmps
595	75	0.09083
600	75	0.0908
605	75	0.09082
610	75	0.09081
615	75	0.09081
620	75	0.09084
625	75	0.09079
630	75	0.09079
635	75	0.0908
640	75	0.09081
645	75	0.0908
650	75	0.09077
655	75	0.09079
660	75	0.09077
665	75	0.09084
670	75	0.0908
675	75	0.09083
680	75	0.09085
685	75	0.09085
690	75	0.09085
695	75	0.09081
700	75	0.09087
705	75	0.09087
710	75	0.09085
715	75	0.0908
720	75	0.09082
725	75	0.09084
730	75	0.0908
735	75	0.09089
740	75	0.0908
745	75	0.09085
750	75	0.09085
755	75	0.09077
760	75	0.09082
765	75	0.09085
770	75	0.09087
775	75	0.09082
780	75	0.09082
785	75	0.09084
790	75	0.09082
795	75	0.09087
800	75	0.09082
805	75	0.09084
810	75	0.09088
815	75	0.09082
820	75	0.09086
825	75	0.09086
830	75	0.09086
835	75	0.0909
840	75	0.0909
845	75	0.09089
850	75	0.09087
855	75	0.09091
860	75	0.09086
865	75	0.09086
870	75	0.09087
875	75	0.09086
880	75	0.0909
885	75	0.09088
890	75	0.09085
895	75	0.0909
900	75	0.09087
905	75	0.09089
910	75	0.09082

EM wavele nm	EX wavele nm	R1 MicroAmps
915	75	0.09087
920	75	0.09087
925	75	0.09084
930	75	0.09086
935	75	0.09084
940	75	0.09084
945	75	0.09083
950	75	0.09083
955	75	0.09085
960	75	0.09083
965	75	0.09083
970	75	0.09084
975	75	0.09082
980	75	0.09087
985	75	0.0908
990	75	0.09083
995	75	0.09087
1000	75	0.09085
1005	75	0.09083
1010	75	0.09083
1015	75	0.09088
1020	75	0.09084
1025	75	0.09088
1030	75	0.09085
1035	75	0.09083
1040	75	0.09087
1045	75	0.09084
1050	75	0.09082
1055	75	0.09085
1060	75	0.09084
1065	75	0.09087
1070	75	0.09085
1075	75	0.09081
1080	75	0.09081
1085	75	0.09082
1090	75	0.09086
1095	75	0.09084
1100	75	0.09083
1105	75	0.0908
1110	75	0.09084
1115	75	0.09081
1120	75	0.09085
1125	75	0.09084
1130	75	0.09084
1135	75	0.09081
1140	75	0.09081
1145	75	0.09085
1150	75	0.09083
0	80	0.08667
5	80	0.08667
10	80	0.08665
15	80	0.08665
20	80	0.08665
25	80	0.08662
30	80	0.08661
35	80	0.08661
40	80	0.08658
45	80	0.08663
50	80	0.08664
55	80	0.08662
60	80	0.08663
65	80	0.08659
70	80	0.08663
75	80	0.08659

EM wavele nm	EX wavele nm	R1 MicroAmps
80	80	0.08659
85	80	0.08661
90	80	0.08666
95	80	0.08661
100	80	0.08665
105	80	0.08663
110	80	0.08659
115	80	0.08663
120	80	0.08658
125	80	0.08667
130	80	0.08667
135	80	0.08663
140	80	0.08666
145	80	0.08666
150	80	0.08663
155	80	0.08665
160	80	0.08662
165	80	0.08663
170	80	0.08662
175	80	0.0866
180	80	0.0866
185	80	0.08656
190	80	0.0866
195	80	0.08661
200	80	0.08661
205	80	0.08659
210	80	0.0866
215	80	0.08662
220	80	0.08667
225	80	0.08662
230	80	0.08663
235	80	0.08664
240	80	0.0866
245	80	0.08665
250	80	0.08663
255	80	0.08662
260	80	0.08659
265	80	0.08661
270	80	0.08661
275	80	0.08665
280	80	0.08659
285	80	0.08662
290	80	0.0866
295	80	0.08655
300	80	0.08661
305	80	0.0866
310	80	0.08661
315	80	0.08659
320	80	0.08662
325	80	0.08661
330	80	0.08662
335	80	0.08659
340	80	0.08664
345	80	0.08661
350	80	0.08662
355	80	0.08664
360	80	0.08664
365	80	0.08663
370	80	0.08661
375	80	0.08664
380	80	0.08664
385	80	0.08661
390	80	0.08661
395	80	0.08665

EM wavele nm	EX wavele nm	R1 MicroAmps
400	80	0.08663
405	80	0.08663
410	80	0.08665
415	80	0.08663
420	80	0.08663
425	80	0.08661
430	80	0.08661
435	80	0.08659
440	80	0.0866
445	80	0.08655
450	80	0.08659
455	80	0.08657
460	80	0.08657
465	80	0.08658
470	80	0.0866
475	80	0.08659
480	80	0.08657
485	80	0.0866
490	80	0.08657
495	80	0.08663
500	80	0.0866
505	80	0.08666
510	80	0.08663
515	80	0.08664
520	80	0.08662
525	80	0.08662
530	80	0.08661
535	80	0.08659
540	80	0.08663
545	80	0.08658
550	80	0.08663
555	80	0.0866
560	80	0.08662
565	80	0.08664
570	80	0.0866
575	80	0.08661
580	80	0.08661
585	80	0.08661
590	80	0.08663
595	80	0.08659
600	80	0.08657
605	80	0.0866
610	80	0.08663
615	80	0.08657
620	80	0.08662
625	80	0.0866
630	80	0.08663
635	80	0.08663
640	80	0.08661
645	80	0.0866
650	80	0.08657
655	80	0.08661
660	80	0.08657
665	80	0.08663
670	80	0.08662
675	80	0.08657
680	80	0.08662
685	80	0.08663
690	80	0.08668
695	80	0.08662
700	80	0.08665
705	80	0.08658
710	80	0.08668
715	80	0.08658

EM wavele nm	EX wavele nm	R1 MicroAmps
720	80	0.0866
725	80	0.08665
730	80	0.08659
735	80	0.08661
740	80	0.0866
745	80	0.08663
750	80	0.08665
755	80	0.08662
760	80	0.08662
765	80	0.08661
770	80	0.08663
775	80	0.08662
780	80	0.08661
785	80	0.08662
790	80	0.08663
795	80	0.08664
800	80	0.08663
805	80	0.08663
810	80	0.08661
815	80	0.08662
820	80	0.08664
825	80	0.08661
830	80	0.08664
835	80	0.08658
840	80	0.08662
845	80	0.08663
850	80	0.08656
855	80	0.08657
860	80	0.08656
865	80	0.08662
870	80	0.08657
875	80	0.08658
880	80	0.08665
885	80	0.08659
890	80	0.08665
895	80	0.08661
900	80	0.0866
905	80	0.08662
910	80	0.08659
915	80	0.08663
920	80	0.08661
925	80	0.08662
930	80	0.08664
935	80	0.08661
940	80	0.08663
945	80	0.08659
950	80	0.08665
955	80	0.0866
960	80	0.08665
965	80	0.08663
970	80	0.08662
975	80	0.08666
980	80	0.08667
985	80	0.08666
990	80	0.08664
995	80	0.08663
1000	80	0.08668
1005	80	0.08664
1010	80	0.08667
1015	80	0.08663
1020	80	0.08661
1025	80	0.08665
1030	80	0.08656
1035	80	0.08666

EM wavele nm	EX wavele nm	R1 MicroAmps
1040	80	0.08661
1045	80	0.08657
1050	80	0.0866
1055	80	0.0866
1060	80	0.08666
1065	80	0.0866
1070	80	0.08662
1075	80	0.08664
1080	80	0.08661
1085	80	0.08665
1090	80	0.08659
1095	80	0.0866
1100	80	0.08663
1105	80	0.08655
1110	80	0.0866
1115	80	0.08663
1120	80	0.08657
1125	80	0.08662
1130	80	0.08657
1135	80	0.0866
1140	80	0.08662
1145	80	0.08657
1150	80	0.08661
0	85	0.08288
5	85	0.08291
10	85	0.08288
15	85	0.08291
20	85	0.08285
25	85	0.08293
30	85	0.08283
35	85	0.08284
40	85	0.08289
45	85	0.08286
50	85	0.0829
55	85	0.08287
60	85	0.08292
65	85	0.08288
70	85	0.08289
75	85	0.08285
80	85	0.08289
85	85	0.08282
90	85	0.0829
95	85	0.08284
100	85	0.08289
105	85	0.08287
110	85	0.08286
115	85	0.08288
120	85	0.08287
125	85	0.08289
130	85	0.08284
135	85	0.08292
140	85	0.08287
145	85	0.08293
150	85	0.08291
155	85	0.08293
160	85	0.08287
165	85	0.0829
170	85	0.0829
175	85	0.08289
180	85	0.08289
185	85	0.08291
190	85	0.08289
195	85	0.08286
200	85	0.0829

EM wavele nm	EX wavele nm	R1 MicroAmps
205	85	0.0829
210	85	0.08289
215	85	0.0829
220	85	0.08289
225	85	0.08287
230	85	0.08287
235	85	0.08286
240	85	0.08288
245	85	0.08285
250	85	0.08289
255	85	0.08293
260	85	0.0829
265	85	0.08293
270	85	0.08287
275	85	0.08295
280	85	0.0829
285	85	0.08297
290	85	0.08289
295	85	0.08292
300	85	0.08288
305	85	0.08287
310	85	0.08292
315	85	0.0829
320	85	0.08294
325	85	0.08288
330	85	0.08292
335	85	0.08289
340	85	0.08293
345	85	0.0829
350	85	0.08289
355	85	0.08291
360	85	0.08288
365	85	0.08286
370	85	0.0829
375	85	0.08289
380	85	0.08289
385	85	0.08291
390	85	0.08287
395	85	0.08292
400	85	0.08291
405	85	0.08294
410	85	0.08289
415	85	0.08295
420	85	0.08288
425	85	0.08289
430	85	0.08292
435	85	0.08288
440	85	0.08291
445	85	0.08287
450	85	0.08294
455	85	0.08288
460	85	0.0829
465	85	0.08291
470	85	0.0829
475	85	0.0829
480	85	0.08288
485	85	0.0829
490	85	0.08286
495	85	0.08288
500	85	0.08285
505	85	0.08289
510	85	0.08286
515	85	0.08289
520	85	0.08292

EM wavele nm	EX wavele nm	R1 MicroAmps
525	85	0.08293
530	85	0.08289
535	85	0.08287
540	85	0.0829
545	85	0.08288
550	85	0.08289
555	85	0.08285
560	85	0.08291
565	85	0.0829
570	85	0.08291
575	85	0.08288
580	85	0.08288
585	85	0.08293
590	85	0.08288
595	85	0.08289
600	85	0.08285
605	85	0.0829
610	85	0.0829
615	85	0.0829
620	85	0.0829
625	85	0.08289
630	85	0.08292
635	85	0.08287
640	85	0.08295
645	85	0.08291
650	85	0.08293
655	85	0.0829
660	85	0.08287
665	85	0.08291
670	85	0.0829
675	85	0.08291
680	85	0.08289
685	85	0.08291
690	85	0.08288
695	85	0.08289
700	85	0.08292
705	85	0.0829
710	85	0.08294
715	85	0.08289
720	85	0.0829
725	85	0.0829
730	85	0.08289
735	85	0.08287
740	85	0.08288
745	85	0.08288
750	85	0.08287
755	85	0.08292
760	85	0.08289
765	85	0.08292
770	85	0.08299
775	85	0.08294
780	85	0.08299
785	85	0.08295
790	85	0.0829
795	85	0.08293
800	85	0.08289
805	85	0.08294
810	85	0.08288
815	85	0.08292
820	85	0.08293
825	85	0.08292
830	85	0.08295
835	85	0.08293
840	85	0.08294

EM wavele nm	EX wavele nm	R1 MicroAmps
845	85	0.08291
850	85	0.08296
855	85	0.08294
860	85	0.0829
865	85	0.08293
870	85	0.0829
875	85	0.08297
880	85	0.08291
885	85	0.08291
890	85	0.0829
895	85	0.08292
900	85	0.0829
905	85	0.08288
910	85	0.0829
915	85	0.08286
920	85	0.08291
925	85	0.0829
930	85	0.08288
935	85	0.08291
940	85	0.08287
945	85	0.08293
950	85	0.0829
955	85	0.0829
960	85	0.08293
965	85	0.08287
970	85	0.08292
975	85	0.08285
980	85	0.08289
985	85	0.08287
990	85	0.08287
995	85	0.08288
1000	85	0.08285
1005	85	0.08292
1010	85	0.08287
1015	85	0.08294
1020	85	0.0829
1025	85	0.08292
1030	85	0.08293
1035	85	0.08289
1040	85	0.08291
1045	85	0.0829
1050	85	0.08289
1055	85	0.0829
1060	85	0.08284
1065	85	0.08288
1070	85	0.08282
1075	85	0.08286
1080	85	0.08288
1085	85	0.08284
1090	85	0.08292
1095	85	0.08287
1100	85	0.08283
1105	85	0.08284
1110	85	0.08282
1115	85	0.08281
1120	85	0.08285
1125	85	0.08282
1130	85	0.08287
1135	85	0.08287
1140	85	0.08285
1145	85	0.0829
1150	85	0.0829
0	90	0.0798
5	90	0.07973

EM wavele nm	EX wavele nm	R1 MicroAmps
10	90	0.0798
15	90	0.07978
20	90	0.07979
25	90	0.0798
30	90	0.07983
35	90	0.0798
40	90	0.07979
45	90	0.07979
50	90	0.07975
55	90	0.07979
60	90	0.07975
65	90	0.07979
70	90	0.07976
75	90	0.07978
80	90	0.07972
85	90	0.07976
90	90	0.07972
95	90	0.07975
100	90	0.07975
105	90	0.07977
110	90	0.07973
115	90	0.07975
120	90	0.07977
125	90	0.07969
130	90	0.07979
135	90	0.07972
140	90	0.07977
145	90	0.0797
150	90	0.07972
155	90	0.07971
160	90	0.07975
165	90	0.07971
170	90	0.07975
175	90	0.07975
180	90	0.07969
185	90	0.07973
190	90	0.07973
195	90	0.07973
200	90	0.07968
205	90	0.07972
210	90	0.07966
215	90	0.07971
220	90	0.07969
225	90	0.07971
230	90	0.07972
235	90	0.07971
240	90	0.07971
245	90	0.07977
250	90	0.07976
255	90	0.07972
260	90	0.07976
265	90	0.07972
270	90	0.07974
275	90	0.07972
280	90	0.07976
285	90	0.07974
290	90	0.07976
295	90	0.07971
300	90	0.07977
305	90	0.07973
310	90	0.0797
315	90	0.07977
320	90	0.07974
325	90	0.07978

EM wavele nm	EX wavele nm	R1 MicroAmps
330	90	0.07975
335	90	0.07978
340	90	0.07972
345	90	0.07974
350	90	0.07969
355	90	0.07974
360	90	0.0797
365	90	0.0797
370	90	0.07972
375	90	0.07969
380	90	0.07971
385	90	0.07968
390	90	0.07971
395	90	0.07971
400	90	0.07971
405	90	0.07969
410	90	0.07972
415	90	0.07972
420	90	0.07969
425	90	0.07975
430	90	0.07974
435	90	0.07977
440	90	0.07971
445	90	0.07974
450	90	0.07971
455	90	0.07976
460	90	0.0797
465	90	0.07976
470	90	0.07972
475	90	0.07973
480	90	0.07974
485	90	0.07974
490	90	0.07973
495	90	0.07973
500	90	0.07976
505	90	0.07966
510	90	0.07976
515	90	0.07973
520	90	0.07971
525	90	0.0797
530	90	0.07969
535	90	0.0797
540	90	0.07972
545	90	0.07971
550	90	0.07971
555	90	0.07974
560	90	0.07972
565	90	0.07976
570	90	0.07971
575	90	0.07974
580	90	0.07974
585	90	0.07969
590	90	0.07973
595	90	0.0797
600	90	0.07971
605	90	0.07967
610	90	0.07974
615	90	0.07966
620	90	0.07972
625	90	0.07966
630	90	0.07966
635	90	0.07969
640	90	0.07961
645	90	0.07971

EM wavele nm	EX wavele nm	R1 MicroAmps
650	90	0.07969
655	90	0.07971
660	90	0.07967
665	90	0.07973
670	90	0.07972
675	90	0.07972
680	90	0.07972
685	90	0.0797
690	90	0.07975
695	90	0.07971
700	90	0.07969
705	90	0.07967
710	90	0.07968
715	90	0.07972
720	90	0.07969
725	90	0.07972
730	90	0.07972
735	90	0.0797
740	90	0.0797
745	90	0.07965
750	90	0.07973
755	90	0.0797
760	90	0.07973
765	90	0.07972
770	90	0.0797
775	90	0.07976
780	90	0.07969
785	90	0.07969
790	90	0.07969
795	90	0.0797
800	90	0.07971
805	90	0.07971
810	90	0.07973
815	90	0.07971
820	90	0.07971
825	90	0.0797
830	90	0.07969
835	90	0.07972
840	90	0.0797
845	90	0.07972
850	90	0.07972
855	90	0.07971
860	90	0.07977
865	90	0.07974
870	90	0.07977
875	90	0.07971
880	90	0.07972
885	90	0.07973
890	90	0.0797
895	90	0.07973
900	90	0.07967
905	90	0.07974
910	90	0.07972
915	90	0.0797
920	90	0.07971
925	90	0.07969
930	90	0.07973
935	90	0.07973
940	90	0.07972
945	90	0.07974
950	90	0.0797
955	90	0.07974
960	90	0.07974
965	90	0.07971

EM wavele nm	EX wavele nm	R1 MicroAmps
970	90	0.07973
975	90	0.07969
980	90	0.07975
985	90	0.07967
990	90	0.07969
995	90	0.0797
1000	90	0.0797
1005	90	0.0797
1010	90	0.07969
1015	90	0.07967
1020	90	0.07969
1025	90	0.07966
1030	90	0.07967
1035	90	0.07966
1040	90	0.07962
1045	90	0.07971
1050	90	0.07964
1055	90	0.07966
1060	90	0.07966
1065	90	0.07966
1070	90	0.07967
1075	90	0.07968
1080	90	0.07967
1085	90	0.07966
1090	90	0.07964
1095	90	0.07969
1100	90	0.07969
1105	90	0.07967
1110	90	0.0797
1115	90	0.07966
1120	90	0.07966
1125	90	0.07969
1130	90	0.07967
1135	90	0.07967
1140	90	0.07965
1145	90	0.07962
1150	90	0.07966
0	95	0.07688
5	95	0.07689
10	95	0.07683
15	95	0.07685
20	95	0.07684
25	95	0.07685
30	95	0.07688
35	95	0.07688
40	95	0.07689
45	95	0.07688
50	95	0.07689
55	95	0.07689
60	95	0.07688
65	95	0.07689
70	95	0.07691
75	95	0.0769
80	95	0.07692
85	95	0.07694
90	95	0.07691
95	95	0.07693
100	95	0.07691
105	95	0.07689
110	95	0.07687
115	95	0.07687
120	95	0.07688
125	95	0.0769
130	95	0.0769

EM wavele nm	EX wavele nm	R1 MicroAmps
135	95	0.07692
140	95	0.07691
145	95	0.0769
150	95	0.07692
155	95	0.07694
160	95	0.07692
165	95	0.07691
170	95	0.07693
175	95	0.07691
180	95	0.07693
185	95	0.07689
190	95	0.07695
195	95	0.07691
200	95	0.0769
205	95	0.07692
210	95	0.0769
215	95	0.07688
220	95	0.0769
225	95	0.07692
230	95	0.07691
235	95	0.07692
240	95	0.07689
245	95	0.07693
250	95	0.07689
255	95	0.07688
260	95	0.07692
265	95	0.0769
270	95	0.07689
275	95	0.07692
280	95	0.07692
285	95	0.07692
290	95	0.07694
295	95	0.07691
300	95	0.07694
305	95	0.07692
310	95	0.07693
315	95	0.07693
320	95	0.07689
325	95	0.07694
330	95	0.07694
335	95	0.07693
340	95	0.07695
345	95	0.07694
350	95	0.07697
355	95	0.07695
360	95	0.07697
365	95	0.07704
370	95	0.07702
375	95	0.077
380	95	0.07699
385	95	0.07699
390	95	0.07699
395	95	0.07695
400	95	0.07696
405	95	0.07696
410	95	0.07694
415	95	0.07695
420	95	0.07695
425	95	0.07694
430	95	0.07693
435	95	0.07694
440	95	0.07696
445	95	0.07693
450	95	0.07695

EM wavele nm	EX wavele nm	R1 MicroAmps
455	95	0.07693
460	95	0.07691
465	95	0.07689
470	95	0.07691
475	95	0.07692
480	95	0.07694
485	95	0.07689
490	95	0.07686
495	95	0.07692
500	95	0.07689
505	95	0.0769
510	95	0.0769
515	95	0.07694
520	95	0.07687
525	95	0.0769
530	95	0.0769
535	95	0.07691
540	95	0.0769
545	95	0.07689
550	95	0.07693
555	95	0.07696
560	95	0.07695
565	95	0.07696
570	95	0.07696
575	95	0.07698
580	95	0.07693
585	95	0.07699
590	95	0.07695
595	95	0.07698
600	95	0.0769
605	95	0.07689
610	95	0.07692
615	95	0.07692
620	95	0.0769
625	95	0.0769
630	95	0.07693
635	95	0.07692
640	95	0.07694
645	95	0.07696
650	95	0.07693
655	95	0.07694
660	95	0.07691
665	95	0.07693
670	95	0.07694
675	95	0.07695
680	95	0.07694
685	95	0.07694
690	95	0.07693
695	95	0.07694
700	95	0.07693
705	95	0.07692
710	95	0.07693
715	95	0.07695
720	95	0.07694
725	95	0.07693
730	95	0.07694
735	95	0.0769
740	95	0.07694
745	95	0.07691
750	95	0.07691
755	95	0.07692
760	95	0.07693
765	95	0.07694
770	95	0.07695

EM wavele nm	EX wavele nm	R1 MicroAmps
775	95	0.07695
780	95	0.07691
785	95	0.07689
790	95	0.07689
795	95	0.07686
800	95	0.07688
805	95	0.07693
810	95	0.07693
815	95	0.07692
820	95	0.0769
825	95	0.07692
830	95	0.07695
835	95	0.07694
840	95	0.07694
845	95	0.07692
850	95	0.07696
855	95	0.07693
860	95	0.07695
865	95	0.07696
870	95	0.07694
875	95	0.07697
880	95	0.07695
885	95	0.07693
890	95	0.07693
895	95	0.07691
900	95	0.07693
905	95	0.07693
910	95	0.07694
915	95	0.07695
920	95	0.07691
925	95	0.07695
930	95	0.07689
935	95	0.07696
940	95	0.0769
945	95	0.07689
950	95	0.07693
955	95	0.07689
960	95	0.07694
965	95	0.07689
970	95	0.07693
975	95	0.07692
980	95	0.07692
985	95	0.07691
990	95	0.07689
995	95	0.07692
1000	95	0.0769
1005	95	0.07692
1010	95	0.07692
1015	95	0.0769
1020	95	0.07693
1025	95	0.07691
1030	95	0.07687
1035	95	0.07686
1040	95	0.07686
1045	95	0.07687
1050	95	0.07687
1055	95	0.07686
1060	95	0.0769
1065	95	0.07689
1070	95	0.07689
1075	95	0.07689
1080	95	0.07686
1085	95	0.07688
1090	95	0.07683

EM wavele nm	EX wavele nm	R1 MicroAmps
1095	95	0.07688
1100	95	0.0769
1105	95	0.07689
1110	95	0.0769
1115	95	0.07688
1120	95	0.07689
1125	95	0.07692
1130	95	0.07687
1135	95	0.07692
1140	95	0.07686
1145	95	0.07688
1150	95	0.07691
0	100	0.07442
5	100	0.07446
10	100	0.07447
15	100	0.07451
20	100	0.0745
25	100	0.07452
30	100	0.07447
35	100	0.07453
40	100	0.07448
45	100	0.07448
50	100	0.07448
55	100	0.07445
60	100	0.07448
65	100	0.07448
70	100	0.07447
75	100	0.07442
80	100	0.07446
85	100	0.07443
90	100	0.07449
95	100	0.07444
100	100	0.07447
105	100	0.07444
110	100	0.07443
115	100	0.07442
120	100	0.07445
125	100	0.07442
130	100	0.07443
135	100	0.07444
140	100	0.07444
145	100	0.07449
150	100	0.07443
155	100	0.07447
160	100	0.07443
165	100	0.07447
170	100	0.07442
175	100	0.07448
180	100	0.07443
185	100	0.07445
190	100	0.07444
195	100	0.07443
200	100	0.07444
205	100	0.07445
210	100	0.07444
215	100	0.07441
220	100	0.07448
225	100	0.07444
230	100	0.07447
235	100	0.07439
240	100	0.07445
245	100	0.07442
250	100	0.07443
255	100	0.07444

EM wavele nm	EX wavele nm	R1 MicroAmps
260	100	0.07445
265	100	0.07441
270	100	0.07439
275	100	0.0744
280	100	0.07439
285	100	0.07438
290	100	0.07439
295	100	0.07439
300	100	0.07434
305	100	0.07439
310	100	0.07441
315	100	0.07444
320	100	0.07444
325	100	0.07443
330	100	0.07441
335	100	0.07444
340	100	0.07444
345	100	0.07443
350	100	0.07447
355	100	0.07443
360	100	0.07446
365	100	0.07442
370	100	0.07447
375	100	0.07447
380	100	0.07445
385	100	0.07444
390	100	0.07445
395	100	0.07444
400	100	0.07443
405	100	0.07445
410	100	0.07442
415	100	0.07443
420	100	0.07439
425	100	0.07443
430	100	0.0744
435	100	0.07441
440	100	0.07438
445	100	0.07438
450	100	0.07438
455	100	0.07435
460	100	0.07439
465	100	0.0744
470	100	0.07442
475	100	0.0744
480	100	0.07443
485	100	0.07442
490	100	0.07441
495	100	0.07441
500	100	0.0744
505	100	0.07443
510	100	0.07443
515	100	0.07444
520	100	0.07443
525	100	0.07446
530	100	0.07442
535	100	0.07444
540	100	0.07442
545	100	0.07441
550	100	0.0744
555	100	0.07443
560	100	0.07443
565	100	0.07439
570	100	0.07443
575	100	0.07439

EM wavele nm	EX wavele nm	R1 MicroAmps
580	100	0.07439
585	100	0.07439
590	100	0.07438
595	100	0.07441
600	100	0.07442
605	100	0.07439
610	100	0.07443
615	100	0.07441
620	100	0.07441
625	100	0.07439
630	100	0.0744
635	100	0.07442
640	100	0.07442
645	100	0.07443
650	100	0.07441
655	100	0.07443
660	100	0.07448
665	100	0.07445
670	100	0.07444
675	100	0.07442
680	100	0.0744
685	100	0.07437
690	100	0.07435
695	100	0.07439
700	100	0.07439
705	100	0.07437
710	100	0.07442
715	100	0.07441
720	100	0.07441
725	100	0.07441
730	100	0.07438
735	100	0.07438
740	100	0.07439
745	100	0.07439
750	100	0.07438
755	100	0.07439
760	100	0.0744
765	100	0.07435
770	100	0.07438
775	100	0.07437
780	100	0.0744
785	100	0.0744
790	100	0.0744
795	100	0.07441
800	100	0.07439
805	100	0.07439
810	100	0.07436
815	100	0.07434
820	100	0.07434
825	100	0.07436
830	100	0.07432
835	100	0.07434
840	100	0.07434
845	100	0.07433
850	100	0.07436
855	100	0.07438
860	100	0.0744
865	100	0.07441
870	100	0.07441
875	100	0.07442
880	100	0.0744
885	100	0.07442
890	100	0.07441
895	100	0.07438

EM wavele nm	EX wavele nm	R1 MicroAmps
900	100	0.0744
905	100	0.07441
910	100	0.07444
915	100	0.07442
920	100	0.07442
925	100	0.07442
930	100	0.07441
935	100	0.07444
940	100	0.0744
945	100	0.07443
950	100	0.07441
955	100	0.07439
960	100	0.07439
965	100	0.0744
970	100	0.0744
975	100	0.07441
980	100	0.0744
985	100	0.07442
990	100	0.07441
995	100	0.0744
1000	100	0.07439
1005	100	0.07439
1010	100	0.07444
1015	100	0.07442
1020	100	0.0744
1025	100	0.07439
1030	100	0.07441
1035	100	0.07439
1040	100	0.07437
1045	100	0.07439
1050	100	0.07438
1055	100	0.07441
1060	100	0.07439
1065	100	0.0744
1070	100	0.07438
1075	100	0.07438
1080	100	0.07443
1085	100	0.07441
1090	100	0.07444
1095	100	0.07437
1100	100	0.0744
1105	100	0.07439
1110	100	0.07437
1115	100	0.07436
1120	100	0.07436
1125	100	0.07435
1130	100	0.07435
1135	100	0.07438
1140	100	0.07438
1145	100	0.07439
1150	100	0.0744
0	105	0.0723
5	105	0.0723
10	105	0.0723
15	105	0.0723
20	105	0.07231
25	105	0.07231
30	105	0.07231
35	105	0.0723
40	105	0.07229
45	105	0.07231
50	105	0.07229
55	105	0.07228
60	105	0.07228

EM wavele nm	EX wavele nm	R1 MicroAmps
65	105	0.0723
70	105	0.07229
75	105	0.07225
80	105	0.0723
85	105	0.07224
90	105	0.07224
95	105	0.07226
100	105	0.07228
105	105	0.07225
110	105	0.07227
115	105	0.07229
120	105	0.07229
125	105	0.07228
130	105	0.07228
135	105	0.07229
140	105	0.07225
145	105	0.07228
150	105	0.07227
155	105	0.07227
160	105	0.07229
165	105	0.07229
170	105	0.07234
175	105	0.07235
180	105	0.07231
185	105	0.07232
190	105	0.0723
195	105	0.07231
200	105	0.07232
205	105	0.0723
210	105	0.07231
215	105	0.07226
220	105	0.07227
225	105	0.0723
230	105	0.07225
235	105	0.07232
240	105	0.07229
245	105	0.07228
250	105	0.07231
255	105	0.07227
260	105	0.07232
265	105	0.0723
270	105	0.07232
275	105	0.07231
280	105	0.07227
285	105	0.07225
290	105	0.07227
295	105	0.07223
300	105	0.07226
305	105	0.07226
310	105	0.07222
315	105	0.07226
320	105	0.07226
325	105	0.07227
330	105	0.07229
335	105	0.07229
340	105	0.07232
345	105	0.07229
350	105	0.07228
355	105	0.07229
360	105	0.07227
365	105	0.07227
370	105	0.07226
375	105	0.07225
380	105	0.07226

EM wavele nm	EX wavele nm	R1 MicroAmps
385	105	0.07225
390	105	0.07228
395	105	0.07225
400	105	0.07226
405	105	0.07224
410	105	0.07227
415	105	0.07226
420	105	0.0723
425	105	0.0723
430	105	0.07232
435	105	0.0723
440	105	0.07231
445	105	0.07232
450	105	0.07229
455	105	0.07232
460	105	0.07235
465	105	0.07232
470	105	0.07229
475	105	0.0723
480	105	0.07226
485	105	0.07228
490	105	0.07225
495	105	0.07227
500	105	0.0723
505	105	0.07227
510	105	0.0723
515	105	0.07231
520	105	0.07228
525	105	0.07232
530	105	0.07231
535	105	0.07231
540	105	0.07233
545	105	0.07232
550	105	0.07232
555	105	0.0723
560	105	0.07228
565	105	0.07233
570	105	0.07226
575	105	0.07224
580	105	0.07227
585	105	0.07227
590	105	0.07228
595	105	0.0723
600	105	0.07232
605	105	0.07233
610	105	0.07232
615	105	0.07232
620	105	0.0723
625	105	0.07229
630	105	0.07231
635	105	0.07229
640	105	0.07234
645	105	0.07233
650	105	0.07233
655	105	0.07233
660	105	0.07231
665	105	0.0723
670	105	0.0723
675	105	0.07233
680	105	0.07233
685	105	0.07232
690	105	0.07231
695	105	0.07233
700	105	0.07234

EM wavele nm	EX wavele nm	R1 MicroAmps
705	105	0.07231
710	105	0.07232
715	105	0.07231
720	105	0.0723
725	105	0.07228
730	105	0.07226
735	105	0.07227
740	105	0.07228
745	105	0.07226
750	105	0.07225
755	105	0.07228
760	105	0.07229
765	105	0.07231
770	105	0.07231
775	105	0.07231
780	105	0.07229
785	105	0.07227
790	105	0.07228
795	105	0.0723
800	105	0.07229
805	105	0.07227
810	105	0.0723
815	105	0.0723
820	105	0.07228
825	105	0.07226
830	105	0.07227
835	105	0.07229
840	105	0.07227
845	105	0.07225
850	105	0.07227
855	105	0.07225
860	105	0.07223
865	105	0.07222
870	105	0.07224
875	105	0.07226
880	105	0.07226
885	105	0.07224
890	105	0.07224
895	105	0.07225
900	105	0.07224
905	105	0.07225
910	105	0.07227
915	105	0.07227
920	105	0.07226
925	105	0.07227
930	105	0.0723
935	105	0.07226
940	105	0.07228
945	105	0.07227
950	105	0.07229
955	105	0.07225
960	105	0.07226
965	105	0.07228
970	105	0.07224
975	105	0.07224
980	105	0.07224
985	105	0.07222
990	105	0.07225
995	105	0.07222
1000	105	0.07225
1005	105	0.07223
1010	105	0.07225
1015	105	0.07224
1020	105	0.07227

EM wavele nm	EX wavele nm	R1 MicroAmps
1025	105	0.07226
1030	105	0.07228
1035	105	0.07227
1040	105	0.07229
1045	105	0.07228
1050	105	0.07225
1055	105	0.07229
1060	105	0.07227
1065	105	0.07225
1070	105	0.0723
1075	105	0.07228
1080	105	0.07231
1085	105	0.07228
1090	105	0.07225
1095	105	0.07229
1100	105	0.07228
1105	105	0.07229
1110	105	0.07229
1115	105	0.07228
1120	105	0.07226
1125	105	0.07228
1130	105	0.07228
1135	105	0.07227
1140	105	0.07225
1145	105	0.07226
1150	105	0.07232
0	110	0.07058
5	110	0.07056
10	110	0.07057
15	110	0.0706
20	110	0.07056
25	110	0.07059
30	110	0.07059
35	110	0.07055
40	110	0.07058
45	110	0.07056
50	110	0.07056
55	110	0.07058
60	110	0.07058
65	110	0.07058
70	110	0.07059
75	110	0.07059
80	110	0.07059
85	110	0.07059
90	110	0.07058
95	110	0.07061
100	110	0.07057
105	110	0.07059
110	110	0.07055
115	110	0.07058
120	110	0.0706
125	110	0.07059
130	110	0.07061
135	110	0.07055
140	110	0.07059
145	110	0.07058
150	110	0.07057
155	110	0.07058
160	110	0.07057
165	110	0.07055
170	110	0.07055
175	110	0.07055
180	110	0.07056
185	110	0.07059

EM wavele nm	EX wavele nm	R1 MicroAmps
190	110	0.0706
195	110	0.0706
200	110	0.07057
205	110	0.0706
210	110	0.07058
215	110	0.07058
220	110	0.07059
225	110	0.07062
230	110	0.07058
235	110	0.07058
240	110	0.0706
245	110	0.07058
250	110	0.07061
255	110	0.07058
260	110	0.07062
265	110	0.07059
270	110	0.07056
275	110	0.07058
280	110	0.07053
285	110	0.07059
290	110	0.07055
295	110	0.07059
300	110	0.07057
305	110	0.07056
310	110	0.07057
315	110	0.07056
320	110	0.07059
325	110	0.07058
330	110	0.07059
335	110	0.07056
340	110	0.0706
345	110	0.07057
350	110	0.07059
355	110	0.07058
360	110	0.07057
365	110	0.07054
370	110	0.07056
375	110	0.07058
380	110	0.07056
385	110	0.0706
390	110	0.07059
395	110	0.07062
400	110	0.07058
405	110	0.0706
410	110	0.07057
415	110	0.07057
420	110	0.07056
425	110	0.07053
430	110	0.07058
435	110	0.07053
440	110	0.07058
445	110	0.07058
450	110	0.07057
455	110	0.07056
460	110	0.07059
465	110	0.07054
470	110	0.07058
475	110	0.07055
480	110	0.07057
485	110	0.07057
490	110	0.07054
495	110	0.07056
500	110	0.07056
505	110	0.07058

EM wavele nm	EX wavele nm	R1 MicroAmps
510	110	0.07054
515	110	0.0706
520	110	0.07056
525	110	0.0706
530	110	0.07058
535	110	0.07053
540	110	0.07052
545	110	0.07053
550	110	0.07056
555	110	0.07051
560	110	0.07056
565	110	0.07054
570	110	0.07052
575	110	0.0705
580	110	0.07052
585	110	0.07054
590	110	0.07056
595	110	0.0706
600	110	0.07056
605	110	0.07058
610	110	0.07055
615	110	0.0706
620	110	0.07053
625	110	0.07056
630	110	0.07058
635	110	0.07056
640	110	0.07054
645	110	0.07052
650	110	0.07057
655	110	0.07057
660	110	0.07057
665	110	0.07057
670	110	0.07061
675	110	0.07056
680	110	0.07055
685	110	0.07058
690	110	0.07057
695	110	0.07058
700	110	0.07058
705	110	0.07056
710	110	0.07058
715	110	0.07056
720	110	0.0706
725	110	0.07058
730	110	0.07058
735	110	0.0706
740	110	0.07056
745	110	0.07061
750	110	0.07058
755	110	0.07058
760	110	0.07056
765	110	0.07057
770	110	0.07057
775	110	0.07057
780	110	0.07059
785	110	0.07057
790	110	0.07057
795	110	0.07053
800	110	0.07054
805	110	0.07055
810	110	0.07054
815	110	0.07056
820	110	0.07056
825	110	0.07059

EM wavele nm	EX wavele nm	R1 MicroAmps
830	110	0.07057
835	110	0.07058
840	110	0.07061
845	110	0.07057
850	110	0.07059
855	110	0.07057
860	110	0.07059
865	110	0.07058
870	110	0.07058
875	110	0.07059
880	110	0.07054
885	110	0.0706
890	110	0.07058
895	110	0.07056
900	110	0.07058
905	110	0.07054
910	110	0.07057
915	110	0.07051
920	110	0.07056
925	110	0.07055
930	110	0.07052
935	110	0.07053
940	110	0.07052
945	110	0.07054
950	110	0.0705
955	110	0.07053
960	110	0.07054
965	110	0.07052
970	110	0.07053
975	110	0.07051
980	110	0.07052
985	110	0.07048
990	110	0.07053
995	110	0.07053
1000	110	0.07054
1005	110	0.07053
1010	110	0.07052
1015	110	0.07057
1020	110	0.07052
1025	110	0.07054
1030	110	0.07055
1035	110	0.07054
1040	110	0.07056
1045	110	0.07054
1050	110	0.07055
1055	110	0.07057
1060	110	0.07053
1065	110	0.07057
1070	110	0.07052
1075	110	0.07057
1080	110	0.07058
1085	110	0.07053
1090	110	0.07058
1095	110	0.0705
1100	110	0.07053
1105	110	0.07054
1110	110	0.07054
1115	110	0.07055
1120	110	0.07054
1125	110	0.07055
1130	110	0.07059
1135	110	0.07052
1140	110	0.07053
1145	110	0.07053

EM wavele nm	EX wavele nm	R1 MicroAmps
1150	110	0.07052
0	115	0.06892
5	115	0.06893
10	115	0.06896
15	115	0.06895
20	115	0.06895
25	115	0.06895
30	115	0.06899
35	115	0.06894
40	115	0.06898
45	115	0.06895
50	115	0.06897
55	115	0.06894
60	115	0.06896
65	115	0.06896
70	115	0.06894
75	115	0.06895
80	115	0.06893
85	115	0.06895
90	115	0.06895
95	115	0.06899
100	115	0.06896
105	115	0.06895
110	115	0.06895
115	115	0.06897
120	115	0.06893
125	115	0.06895
130	115	0.06892
135	115	0.06891
140	115	0.06895
145	115	0.06896
150	115	0.06895
155	115	0.06896
160	115	0.06896
165	115	0.06896
170	115	0.06898
175	115	0.06892
180	115	0.06894
185	115	0.06891
190	115	0.06895
195	115	0.06894
200	115	0.06895
205	115	0.06898
210	115	0.06899
215	115	0.06897
220	115	0.06897
225	115	0.06899
230	115	0.06896
235	115	0.06897
240	115	0.06896
245	115	0.06898
250	115	0.06897
255	115	0.06898
260	115	0.06896
265	115	0.06892
270	115	0.06892
275	115	0.06893
280	115	0.06896
285	115	0.06898
290	115	0.06903
295	115	0.06901
300	115	0.06902
305	115	0.06896
310	115	0.069

EM wavele nm	EX wavele nm	R1 MicroAmps
315	115	0.06897
320	115	0.069
325	115	0.069
330	115	0.06892
335	115	0.06894
340	115	0.06893
345	115	0.06892
350	115	0.06893
355	115	0.06894
360	115	0.06894
365	115	0.06894
370	115	0.06894
375	115	0.06892
380	115	0.06894
385	115	0.06892
390	115	0.06895
395	115	0.06893
400	115	0.06894
405	115	0.06892
410	115	0.06893
415	115	0.06889
420	115	0.0689
425	115	0.06891
430	115	0.06891
435	115	0.06893
440	115	0.06891
445	115	0.06894
450	115	0.06891
455	115	0.06894
460	115	0.06892
465	115	0.06893
470	115	0.06894
475	115	0.06893
480	115	0.06893
485	115	0.06891
490	115	0.06897
495	115	0.06893
500	115	0.06898
505	115	0.06893
510	115	0.06896
515	115	0.06893
520	115	0.06894
525	115	0.06895
530	115	0.06892
535	115	0.06895
540	115	0.06894
545	115	0.06896
550	115	0.06892
555	115	0.06899
560	115	0.06896
565	115	0.06894
570	115	0.06895
575	115	0.06896
580	115	0.06897
585	115	0.06895
590	115	0.06897
595	115	0.06896
600	115	0.06898
605	115	0.06897
610	115	0.069
615	115	0.06897
620	115	0.069
625	115	0.06899
630	115	0.069

EM wavele nm	EX wavele nm	R1 MicroAmps
635	115	0.06899
640	115	0.06898
645	115	0.06903
650	115	0.06896
655	115	0.06898
660	115	0.06899
665	115	0.06894
670	115	0.06896
675	115	0.06889
680	115	0.06895
685	115	0.06889
690	115	0.06894
695	115	0.06894
700	115	0.06895
705	115	0.06894
710	115	0.06891
715	115	0.06897
720	115	0.06895
725	115	0.06895
730	115	0.06894
735	115	0.06897
740	115	0.06895
745	115	0.06892
750	115	0.06899
755	115	0.06895
760	115	0.06897
765	115	0.06896
770	115	0.06898
775	115	0.06897
780	115	0.06894
785	115	0.06896
790	115	0.06895
795	115	0.06897
800	115	0.06895
805	115	0.06891
810	115	0.06896
815	115	0.06897
820	115	0.06899
825	115	0.06894
830	115	0.06895
835	115	0.06896
840	115	0.06892
845	115	0.06895
850	115	0.06896
855	115	0.06898
860	115	0.06898
865	115	0.06894
870	115	0.06899
875	115	0.06897
880	115	0.06899
885	115	0.06895
890	115	0.06899
895	115	0.069
900	115	0.06897
905	115	0.069
910	115	0.06897
915	115	0.06901
920	115	0.06897
925	115	0.06899
930	115	0.06896
935	115	0.06895
940	115	0.06898
945	115	0.06898
950	115	0.069

EM wavele nm	EX wavele nm	R1 MicroAmps
955	115	0.06899
960	115	0.06897
965	115	0.069
970	115	0.069
975	115	0.06899
980	115	0.06902
985	115	0.06901
990	115	0.06903
995	115	0.06899
1000	115	0.06899
1005	115	0.06899
1010	115	0.06899
1015	115	0.06897
1020	115	0.06898
1025	115	0.069
1030	115	0.06898
1035	115	0.06898
1040	115	0.06898
1045	115	0.06897
1050	115	0.06899
1055	115	0.06898
1060	115	0.06897
1065	115	0.06898
1070	115	0.06894
1075	115	0.06899
1080	115	0.06898
1085	115	0.06899
1090	115	0.06901
1095	115	0.06896
1100	115	0.06899
1105	115	0.06898
1110	115	0.06897
1115	115	0.06895
1120	115	0.06894
1125	115	0.06893
1130	115	0.06895
1135	115	0.06895
1140	115	0.06898
1145	115	0.06901
1150	115	0.06897
0	120	0.06765
5	120	0.06764
10	120	0.06769
15	120	0.06764
20	120	0.06765
25	120	0.06764
30	120	0.06765
35	120	0.06764
40	120	0.06767
45	120	0.06764
50	120	0.06765
55	120	0.06763
60	120	0.06764
65	120	0.06765
70	120	0.0676
75	120	0.06766
80	120	0.06763
85	120	0.06765
90	120	0.06765
95	120	0.06767
100	120	0.06764
105	120	0.06763
110	120	0.06766
115	120	0.06767

EM wavele nm	EX wavele nm	R1 MicroAmps
120	120	0.06763
125	120	0.06763
130	120	0.06764
135	120	0.06759
140	120	0.06762
145	120	0.06761
150	120	0.06763
155	120	0.06762
160	120	0.06762
165	120	0.06761
170	120	0.06759
175	120	0.06756
180	120	0.06758
185	120	0.06759
190	120	0.06756
195	120	0.06761
200	120	0.06759
205	120	0.0676
210	120	0.06759
215	120	0.06763
220	120	0.06762
225	120	0.06765
230	120	0.06763
235	120	0.06762
240	120	0.06759
245	120	0.06758
250	120	0.06761
255	120	0.06761
260	120	0.06761
265	120	0.06761
270	120	0.06761
275	120	0.0676
280	120	0.06759
285	120	0.06758
290	120	0.06756
295	120	0.0676
300	120	0.0676
305	120	0.0676
310	120	0.06758
315	120	0.06762
320	120	0.06761
325	120	0.06763
330	120	0.06763
335	120	0.06769
340	120	0.06766
345	120	0.06765
350	120	0.06764
355	120	0.06765
360	120	0.06763
365	120	0.06764
370	120	0.06763
375	120	0.06762
380	120	0.06763
385	120	0.06763
390	120	0.06766
395	120	0.06765
400	120	0.06768
405	120	0.06767
410	120	0.06766
415	120	0.06765
420	120	0.06767
425	120	0.06765
430	120	0.06763
435	120	0.06766

EM wavele nm	EX wavele nm	R1 MicroAmps
440	120	0.06764
445	120	0.06767
450	120	0.06765
455	120	0.06763
460	120	0.06762
465	120	0.06763
470	120	0.06765
475	120	0.06766
480	120	0.06765
485	120	0.06762
490	120	0.06768
495	120	0.06766
500	120	0.06764
505	120	0.06764
510	120	0.06763
515	120	0.06765
520	120	0.06759
525	120	0.06762
530	120	0.06761
535	120	0.06761
540	120	0.06759
545	120	0.0676
550	120	0.06759
555	120	0.06763
560	120	0.06762
565	120	0.06762
570	120	0.06762
575	120	0.06762
580	120	0.06762
585	120	0.0676
590	120	0.06758
595	120	0.06761
600	120	0.06761
605	120	0.06762
610	120	0.06763
615	120	0.06761
620	120	0.06764
625	120	0.06763
630	120	0.06763
635	120	0.06761
640	120	0.06763
645	120	0.06758
650	120	0.06758
655	120	0.06761
660	120	0.06758
665	120	0.06759
670	120	0.06762
675	120	0.06762
680	120	0.0676
685	120	0.06763
690	120	0.06763
695	120	0.06758
700	120	0.06764
705	120	0.06762
710	120	0.06764
715	120	0.06764
720	120	0.06761
725	120	0.06767
730	120	0.06762
735	120	0.06762
740	120	0.06765
745	120	0.06763
750	120	0.06768
755	120	0.06762

EM wavele nm	EX wavele nm	R1 MicroAmps
760	120	0.06764
765	120	0.06763
770	120	0.06762
775	120	0.06761
780	120	0.06758
785	120	0.06761
790	120	0.06762
795	120	0.06761
800	120	0.06764
805	120	0.06764
810	120	0.06764
815	120	0.06762
820	120	0.06759
825	120	0.06762
830	120	0.06759
835	120	0.06761
840	120	0.06759
845	120	0.0676
850	120	0.06758
855	120	0.06758
860	120	0.06761
865	120	0.0676
870	120	0.06762
875	120	0.06762
880	120	0.06764
885	120	0.06764
890	120	0.06763
895	120	0.0676
900	120	0.06761
905	120	0.06763
910	120	0.06761
915	120	0.06758
920	120	0.06758
925	120	0.06761
930	120	0.06762
935	120	0.0676
940	120	0.06762
945	120	0.06759
950	120	0.06763
955	120	0.06758
960	120	0.06756
965	120	0.06759
970	120	0.06758
975	120	0.06758
980	120	0.06759
985	120	0.06759
990	120	0.06759
995	120	0.06758
1000	120	0.06756
1005	120	0.06755
1010	120	0.06756
1015	120	0.06757
1020	120	0.06755
1025	120	0.0676
1030	120	0.06761
1035	120	0.06762
1040	120	0.06761
1045	120	0.06761
1050	120	0.06762
1055	120	0.06761
1060	120	0.0676
1065	120	0.0676
1070	120	0.0676
1075	120	0.06758

EM wavele nm	EX wavele nm	R1 MicroAmps
1080	120	0.0676
1085	120	0.06759
1090	120	0.06756
1095	120	0.06757
1100	120	0.06757
1105	120	0.06759
1110	120	0.06757
1115	120	0.06758
1120	120	0.06759
1125	120	0.06754
1130	120	0.06758
1135	120	0.06765
1140	120	0.06767
1145	120	0.06763
1150	120	0.06763
0	125	0.06704
5	125	0.06703
10	125	0.06702
15	125	0.06705
20	125	0.06704
25	125	0.06708
30	125	0.06704
35	125	0.06707
40	125	0.06706
45	125	0.06703
50	125	0.06704
55	125	0.06699
60	125	0.06702
65	125	0.06699
70	125	0.06704
75	125	0.06699
80	125	0.06704
85	125	0.06703
90	125	0.06702
95	125	0.06708
100	125	0.06703
105	125	0.06704
110	125	0.06703
115	125	0.06704
120	125	0.06703
125	125	0.06702
130	125	0.06702
135	125	0.06701
140	125	0.067
145	125	0.06702
150	125	0.06704
155	125	0.06703
160	125	0.06708
165	125	0.06705
170	125	0.06708
175	125	0.06706
180	125	0.06708
185	125	0.06705
190	125	0.06703
195	125	0.06701
200	125	0.06705
205	125	0.06706
210	125	0.06704
215	125	0.06707
220	125	0.06706
225	125	0.06705
230	125	0.06708
235	125	0.06706
240	125	0.06707

EM wavele nm	EX wavele nm	R1 MicroAmps
245	125	0.06706
250	125	0.06706
255	125	0.06706
260	125	0.06705
265	125	0.06705
270	125	0.06704
275	125	0.06699
280	125	0.06704
285	125	0.06701
290	125	0.06702
295	125	0.06701
300	125	0.06704
305	125	0.06702
310	125	0.06705
315	125	0.06704
320	125	0.06707
325	125	0.06705
330	125	0.06704
335	125	0.06707
340	125	0.06705
345	125	0.06704
350	125	0.06701
355	125	0.067
360	125	0.06698
365	125	0.06699
370	125	0.06701
375	125	0.06702
380	125	0.06702
385	125	0.06702
390	125	0.06703
395	125	0.06703
400	125	0.06704
405	125	0.06703
410	125	0.06703
415	125	0.06703
420	125	0.06705
425	125	0.06703
430	125	0.06704
435	125	0.06705
440	125	0.06704
445	125	0.06705
450	125	0.06706
455	125	0.06707
460	125	0.06707
465	125	0.06707
470	125	0.06708
475	125	0.06706
480	125	0.06704
485	125	0.06706
490	125	0.06706
495	125	0.06707
500	125	0.06708
505	125	0.06709
510	125	0.06708
515	125	0.06706
520	125	0.06705
525	125	0.06707
530	125	0.06706
535	125	0.06706
540	125	0.06706
545	125	0.06702
550	125	0.06706
555	125	0.06705
560	125	0.06704

EM wavele nm	EX wavele nm	R1 MicroAmps
565	125	0.06703
570	125	0.06703
575	125	0.06705
580	125	0.06703
585	125	0.06705
590	125	0.06703
595	125	0.06704
600	125	0.06705
605	125	0.06706
610	125	0.06706
615	125	0.06706
620	125	0.06706
625	125	0.06705
630	125	0.06702
635	125	0.06703
640	125	0.06703
645	125	0.06702
650	125	0.06704
655	125	0.06705
660	125	0.06703
665	125	0.06702
670	125	0.06703
675	125	0.06702
680	125	0.06705
685	125	0.06704
690	125	0.06707
695	125	0.06706
700	125	0.06705
705	125	0.06704
710	125	0.06704
715	125	0.06706
720	125	0.06704
725	125	0.06704
730	125	0.06704
735	125	0.06704
740	125	0.06702
745	125	0.06701
750	125	0.06703
755	125	0.06703
760	125	0.06706
765	125	0.06707
770	125	0.06706
775	125	0.06707
780	125	0.06703
785	125	0.06704
790	125	0.06703
795	125	0.06703
800	125	0.06701
805	125	0.067
810	125	0.06702
815	125	0.06702
820	125	0.06702
825	125	0.067
830	125	0.06701
835	125	0.06702
840	125	0.06698
845	125	0.06718
850	125	0.06718
855	125	0.06713
860	125	0.06713
865	125	0.06713
870	125	0.06711
875	125	0.06709
880	125	0.06711

EM wavele nm	EX wavele nm	R1 MicroAmps
885	125	0.0671
890	125	0.06711
895	125	0.06707
900	125	0.06706
905	125	0.06708
910	125	0.06704
915	125	0.06706
920	125	0.06704
925	125	0.06706
930	125	0.06707
935	125	0.06705
940	125	0.06703
945	125	0.06717
950	125	0.06717
955	125	0.06716
960	125	0.06711
965	125	0.06714
970	125	0.06709
975	125	0.06707
980	125	0.06706
985	125	0.06704
990	125	0.06707
995	125	0.06704
1000	125	0.06706
1005	125	0.06709
1010	125	0.06705
1015	125	0.06708
1020	125	0.06706
1025	125	0.06709
1030	125	0.06709
1035	125	0.06707
1040	125	0.06709
1045	125	0.06707
1050	125	0.06707
1055	125	0.06707
1060	125	0.06707
1065	125	0.06705
1070	125	0.06703
1075	125	0.06706
1080	125	0.06706
1085	125	0.06704
1090	125	0.06701
1095	125	0.06703
1100	125	0.067
1105	125	0.06705
1110	125	0.067
1115	125	0.06699
1120	125	0.06704
1125	125	0.06703
1130	125	0.06703
1135	125	0.06704
1140	125	0.06705
1145	125	0.06703
1150	125	0.06708
0	130	0.06643
5	130	0.06646
10	130	0.06643
15	130	0.06643
20	130	0.06643
25	130	0.06641
30	130	0.06643
35	130	0.06644
40	130	0.06642
45	130	0.06642

EM wavele nm	EX wavele nm	R1 MicroAmps
50	130	0.0664
55	130	0.06641
60	130	0.06643
65	130	0.06641
70	130	0.06645
75	130	0.06642
80	130	0.06645
85	130	0.06647
90	130	0.06644
95	130	0.06645
100	130	0.06645
105	130	0.06646
110	130	0.06644
115	130	0.06643
120	130	0.06644
125	130	0.06645
130	130	0.06643
135	130	0.06646
140	130	0.06645
145	130	0.06644
150	130	0.06647
155	130	0.06644
160	130	0.06642
165	130	0.06644
170	130	0.06643
175	130	0.06642
180	130	0.06644
185	130	0.06645
190	130	0.06644
195	130	0.06642
200	130	0.06644
205	130	0.06644
210	130	0.06641
215	130	0.06643
220	130	0.06645
225	130	0.06641
230	130	0.06644
235	130	0.06644
240	130	0.06645
245	130	0.06643
250	130	0.06645
255	130	0.06649
260	130	0.06647
265	130	0.06645
270	130	0.06645
275	130	0.06645
280	130	0.06644
285	130	0.06645
290	130	0.06643
295	130	0.06646
300	130	0.06645
305	130	0.06646
310	130	0.06648
315	130	0.06647
320	130	0.06649
325	130	0.06647
330	130	0.06646
335	130	0.06646
340	130	0.06647
345	130	0.0664
350	130	0.06644
355	130	0.06646
360	130	0.06646
365	130	0.06645

EM wavele nm	EX wavele nm	R1 MicroAmps
370	130	0.06644
375	130	0.06646
380	130	0.06646
385	130	0.06645
390	130	0.06644
395	130	0.06646
400	130	0.06645
405	130	0.06645
410	130	0.06647
415	130	0.06646
420	130	0.06645
425	130	0.06648
430	130	0.06647
435	130	0.06647
440	130	0.06648
445	130	0.06645
450	130	0.06647
455	130	0.06647
460	130	0.06644
465	130	0.06644
470	130	0.06644
475	130	0.06643
480	130	0.06644
485	130	0.06646
490	130	0.06647
495	130	0.06647
500	130	0.06645
505	130	0.06643
510	130	0.06642
515	130	0.06642
520	130	0.06643
525	130	0.0664
530	130	0.0664
535	130	0.0664
540	130	0.0664
545	130	0.06642
550	130	0.06641
555	130	0.06641
560	130	0.06639
565	130	0.06642
570	130	0.0664
575	130	0.06639
580	130	0.06639
585	130	0.06639
590	130	0.06637
595	130	0.0664
600	130	0.06637
605	130	0.06639
610	130	0.06642
615	130	0.06641
620	130	0.06646
625	130	0.06641
630	130	0.06643
635	130	0.06642
640	130	0.06641
645	130	0.06643
650	130	0.06641
655	130	0.06646
660	130	0.06644
665	130	0.06645
670	130	0.06645
675	130	0.0664
680	130	0.06644
685	130	0.06641

EM wavele nm	EX wavele nm	R1 MicroAmps
690	130	0.06642
695	130	0.06641
700	130	0.06638
705	130	0.06641
710	130	0.0664
715	130	0.06643
720	130	0.06642
725	130	0.06645
730	130	0.06646
735	130	0.06645
740	130	0.06645
745	130	0.06645
750	130	0.06646
755	130	0.06647
760	130	0.06645
765	130	0.06645
770	130	0.06645
775	130	0.06646
780	130	0.06642
785	130	0.06643
790	130	0.06644
795	130	0.06643
800	130	0.06641
805	130	0.06643
810	130	0.06644
815	130	0.06644
820	130	0.06643
825	130	0.06642
830	130	0.06642
835	130	0.06642
840	130	0.0664
845	130	0.06643
850	130	0.06643
855	130	0.06642
860	130	0.06642
865	130	0.06643
870	130	0.06643
875	130	0.06643
880	130	0.06644
885	130	0.06639
890	130	0.0664
895	130	0.06643
900	130	0.06641
905	130	0.06641
910	130	0.06643
915	130	0.06642
920	130	0.06641
925	130	0.0664
930	130	0.06641
935	130	0.06641
940	130	0.06641
945	130	0.06642
950	130	0.06639
955	130	0.06641
960	130	0.06644
965	130	0.06642
970	130	0.06642
975	130	0.0664
980	130	0.0664
985	130	0.06641
990	130	0.06641
995	130	0.06641
1000	130	0.06637
1005	130	0.06644

EM wavele nm	EX wavele nm	R1 MicroAmps
1010	130	0.06643
1015	130	0.06643
1020	130	0.06645
1025	130	0.06641
1030	130	0.06643
1035	130	0.06642
1040	130	0.06639
1045	130	0.06641
1050	130	0.06638
1055	130	0.06639
1060	130	0.0664
1065	130	0.06638
1070	130	0.0664
1075	130	0.0664
1080	130	0.06643
1085	130	0.06643
1090	130	0.06642
1095	130	0.06641
1100	130	0.06646
1105	130	0.06642
1110	130	0.06645
1115	130	0.06642
1120	130	0.06638
1125	130	0.06638
1130	130	0.0664
1135	130	0.06636
1140	130	0.06635
1145	130	0.06638
1150	130	0.06641
0	135	0.06526
5	135	0.0653
10	135	0.06527
15	135	0.0653
20	135	0.06531
25	135	0.06532
30	135	0.06531
35	135	0.06528
40	135	0.06532
45	135	0.06531
50	135	0.06532
55	135	0.06534
60	135	0.06531
65	135	0.06534
70	135	0.06531
75	135	0.06534
80	135	0.06531
85	135	0.06532
90	135	0.06535
95	135	0.06536
100	135	0.06535
105	135	0.06534
110	135	0.06534
115	135	0.06533
120	135	0.06529
125	135	0.06531
130	135	0.0653
135	135	0.0653
140	135	0.0653
145	135	0.0653
150	135	0.06529
155	135	0.06528
160	135	0.06526
165	135	0.06525
170	135	0.06526

EM wavele nm	EX wavele nm	R1 MicroAmps
175	135	0.06529
180	135	0.06531
185	135	0.06531
190	135	0.06533
195	135	0.06531
200	135	0.06531
205	135	0.0653
210	135	0.06529
215	135	0.06531
220	135	0.06527
225	135	0.06528
230	135	0.06524
235	135	0.06527
240	135	0.06529
245	135	0.06527
250	135	0.06526
255	135	0.06528
260	135	0.06527
265	135	0.06527
270	135	0.06525
275	135	0.06527
280	135	0.06527
285	135	0.06525
290	135	0.06525
295	135	0.06528
300	135	0.06526
305	135	0.06529
310	135	0.06531
315	135	0.06531
320	135	0.06529
325	135	0.06525
330	135	0.06528
335	135	0.06528
340	135	0.06525
345	135	0.06527
350	135	0.06526
355	135	0.06526
360	135	0.06528
365	135	0.06528
370	135	0.06528
375	135	0.06527
380	135	0.06528
385	135	0.06528
390	135	0.06528
395	135	0.0653
400	135	0.06531
405	135	0.06528
410	135	0.06528
415	135	0.06527
420	135	0.06526
425	135	0.06526
430	135	0.06528
435	135	0.06526
440	135	0.0653
445	135	0.06532
450	135	0.06533
455	135	0.06527
460	135	0.06529
465	135	0.06532
470	135	0.06528
475	135	0.06529
480	135	0.06529
485	135	0.06532
490	135	0.06528

EM wavele nm	EX wavele nm	R1 MicroAmps
495	135	0.06525
500	135	0.06528
505	135	0.06527
510	135	0.06523
515	135	0.06528
520	135	0.06528
525	135	0.06526
530	135	0.06529
535	135	0.0653
540	135	0.06527
545	135	0.06528
550	135	0.06527
555	135	0.0653
560	135	0.06528
565	135	0.06532
570	135	0.06528
575	135	0.06527
580	135	0.06532
585	135	0.06531
590	135	0.06526
595	135	0.0653
600	135	0.06528
605	135	0.06529
610	135	0.06529
615	135	0.0653
620	135	0.06531
625	135	0.06532
630	135	0.0653
635	135	0.06529
640	135	0.06531
645	135	0.06529
650	135	0.06526
655	135	0.06528
660	135	0.06527
665	135	0.06528
670	135	0.06532
675	135	0.06531
680	135	0.06532
685	135	0.06534
690	135	0.06534
695	135	0.06534
700	135	0.06532
705	135	0.06531
710	135	0.06529
715	135	0.06529
720	135	0.06531
725	135	0.06531
730	135	0.0653
735	135	0.06531
740	135	0.06531
745	135	0.06531
750	135	0.06529
755	135	0.06526
760	135	0.0653
765	135	0.06529
770	135	0.0653
775	135	0.06528
780	135	0.06529
785	135	0.06533
790	135	0.06527
795	135	0.06534
800	135	0.0653
805	135	0.06533
810	135	0.06532

EM wavele nm	EX wavele nm	R1 MicroAmps
815	135	0.06528
820	135	0.06532
825	135	0.06532
830	135	0.0653
835	135	0.06531
840	135	0.0653
845	135	0.06534
850	135	0.06532
855	135	0.06533
860	135	0.06532
865	135	0.06529
870	135	0.0653
875	135	0.06529
880	135	0.0653
885	135	0.06532
890	135	0.0653
895	135	0.06533
900	135	0.06532
905	135	0.06529
910	135	0.06531
915	135	0.06529
920	135	0.06535
925	135	0.0653
930	135	0.06531
935	135	0.06533
940	135	0.0653
945	135	0.06529
950	135	0.06529
955	135	0.06525
960	135	0.06529
965	135	0.06528
970	135	0.06528
975	135	0.06527
980	135	0.06529
985	135	0.06531
990	135	0.06528
995	135	0.06532
1000	135	0.06531
1005	135	0.06532
1010	135	0.06535
1015	135	0.06533
1020	135	0.06535
1025	135	0.06537
1030	135	0.06536
1035	135	0.06532
1040	135	0.06529
1045	135	0.0653
1050	135	0.0653
1055	135	0.0653
1060	135	0.0653
1065	135	0.06531
1070	135	0.0653
1075	135	0.06532
1080	135	0.06533
1085	135	0.06529
1090	135	0.0653
1095	135	0.06533
1100	135	0.06533
1105	135	0.06532
1110	135	0.06533
1115	135	0.06532
1120	135	0.0653
1125	135	0.06534
1130	135	0.06531

EM wavele nm	EX wavele nm	R1 MicroAmps
1135	135	0.06531
1140	135	0.06531
1145	135	0.06531
1150	135	0.06532
0	140	0.06432
5	140	0.0643
10	140	0.06434
15	140	0.06432
20	140	0.06434
25	140	0.06435
30	140	0.06434
35	140	0.06433
40	140	0.06434
45	140	0.06432
50	140	0.06432
55	140	0.06434
60	140	0.06431
65	140	0.0643
70	140	0.06428
75	140	0.06431
80	140	0.06429
85	140	0.06429
90	140	0.06428
95	140	0.06431
100	140	0.06429
105	140	0.0643
110	140	0.06432
115	140	0.0643
120	140	0.0643
125	140	0.06431
130	140	0.06431
135	140	0.0643
140	140	0.06433
145	140	0.06434
150	140	0.06435
155	140	0.06432
160	140	0.06434
165	140	0.06434
170	140	0.06436
175	140	0.06435
180	140	0.06435
185	140	0.06435
190	140	0.06433
195	140	0.06436
200	140	0.06437
205	140	0.06436
210	140	0.06434
215	140	0.06434
220	140	0.06434
225	140	0.06435
230	140	0.06434
235	140	0.06433
240	140	0.06432
245	140	0.06432
250	140	0.06431
255	140	0.06432
260	140	0.06433
265	140	0.06432
270	140	0.06434
275	140	0.0643
280	140	0.06434
285	140	0.06433
290	140	0.06431
295	140	0.06431

EM wavele nm	EX wavele nm	R1 MicroAmps
300	140	0.0643
305	140	0.06428
310	140	0.0643
315	140	0.06433
320	140	0.06433
325	140	0.06434
330	140	0.06433
335	140	0.06438
340	140	0.06437
345	140	0.06435
350	140	0.06434
355	140	0.06434
360	140	0.06432
365	140	0.0643
370	140	0.06432
375	140	0.06433
380	140	0.06433
385	140	0.06434
390	140	0.06436
395	140	0.06437
400	140	0.06436
405	140	0.06437
410	140	0.06434
415	140	0.06432
420	140	0.06429
425	140	0.06431
430	140	0.06426
435	140	0.06428
440	140	0.06432
445	140	0.06429
450	140	0.06428
455	140	0.06432
460	140	0.06432
465	140	0.06432
470	140	0.06435
475	140	0.06431
480	140	0.0643
485	140	0.06431
490	140	0.06432
495	140	0.06435
500	140	0.06433
505	140	0.06433
510	140	0.06434
515	140	0.06431
520	140	0.06429
525	140	0.06429
530	140	0.0643
535	140	0.06432
540	140	0.06429
545	140	0.06429
550	140	0.06432
555	140	0.0643
560	140	0.06428
565	140	0.06428
570	140	0.06431
575	140	0.06431
580	140	0.06431
585	140	0.06434
590	140	0.06433
595	140	0.06434
600	140	0.06435
605	140	0.06435
610	140	0.06435
615	140	0.06437

EM wavele nm	EX wavele nm	R1 MicroAmps
620	140	0.06436
625	140	0.06436
630	140	0.06433
635	140	0.06433
640	140	0.06432
645	140	0.06432
650	140	0.06431
655	140	0.06434
660	140	0.06434
665	140	0.06436
670	140	0.06435
675	140	0.06434
680	140	0.06435
685	140	0.06433
690	140	0.06432
695	140	0.06432
700	140	0.06431
705	140	0.06433
710	140	0.0643
715	140	0.06431
720	140	0.06433
725	140	0.06432
730	140	0.06432
735	140	0.06431
740	140	0.06434
745	140	0.06435
750	140	0.06433
755	140	0.06431
760	140	0.06431
765	140	0.06432
770	140	0.06433
775	140	0.06431
780	140	0.06431
785	140	0.06431
790	140	0.06429
795	140	0.06428
800	140	0.06432
805	140	0.06429
810	140	0.06431
815	140	0.06431
820	140	0.06433
825	140	0.06434
830	140	0.06437
835	140	0.06435
840	140	0.06434
845	140	0.06432
850	140	0.06435
855	140	0.06431
860	140	0.06431
865	140	0.06433
870	140	0.06432
875	140	0.06432
880	140	0.06432
885	140	0.06434
890	140	0.06433
895	140	0.0643
900	140	0.06431
905	140	0.06432
910	140	0.06432
915	140	0.06431
920	140	0.0643
925	140	0.0643
930	140	0.0643
935	140	0.06431

EM wavele nm	EX wavele nm	R1 MicroAmps
940	140	0.06431
945	140	0.06432
950	140	0.06434
955	140	0.06433
960	140	0.06435
965	140	0.06433
970	140	0.06435
975	140	0.06433
980	140	0.06431
985	140	0.06434
990	140	0.06433
995	140	0.06431
1000	140	0.06429
1005	140	0.0643
1010	140	0.06432
1015	140	0.06433
1020	140	0.06432
1025	140	0.06433
1030	140	0.06435
1035	140	0.06432
1040	140	0.06434
1045	140	0.06434
1050	140	0.06431
1055	140	0.06433
1060	140	0.06433
1065	140	0.06432
1070	140	0.06435
1075	140	0.06433
1080	140	0.06437
1085	140	0.06434
1090	140	0.06432
1095	140	0.06435
1100	140	0.06432
1105	140	0.06433
1110	140	0.06431
1115	140	0.06431
1120	140	0.0643
1125	140	0.0643
1130	140	0.06434
1135	140	0.06434
1140	140	0.06432
1145	140	0.06431
1150	140	0.06431
0	145	0.06375
5	145	0.06378
10	145	0.06377
15	145	0.06376
20	145	0.06379
25	145	0.06377
30	145	0.06378
35	145	0.06377
40	145	0.06377
45	145	0.06379
50	145	0.06377
55	145	0.06379
60	145	0.0638
65	145	0.06378
70	145	0.06378
75	145	0.06379
80	145	0.06375
85	145	0.06377
90	145	0.06374
95	145	0.06374
100	145	0.06374

EM wavele nm	EX wavele nm	R1 MicroAmps
105	145	0.06374
110	145	0.06375
115	145	0.06374
120	145	0.06372
125	145	0.06373
130	145	0.06374
135	145	0.06371
140	145	0.06375
145	145	0.06375
150	145	0.06372
155	145	0.06374
160	145	0.06374
165	145	0.06375
170	145	0.06377
175	145	0.06378
180	145	0.06378
185	145	0.06377
190	145	0.06378
195	145	0.06378
200	145	0.06374
205	145	0.06374
210	145	0.06377
215	145	0.06374
220	145	0.06375
225	145	0.06374
230	145	0.06374
235	145	0.06375
240	145	0.06375
245	145	0.06378
250	145	0.06376
255	145	0.06375
260	145	0.06376
265	145	0.06373
270	145	0.06372
275	145	0.06373
280	145	0.06374
285	145	0.06374
290	145	0.06375
295	145	0.06376
300	145	0.06377
305	145	0.06379
310	145	0.06378
315	145	0.06377
320	145	0.06377
325	145	0.06377
330	145	0.06378
335	145	0.06376
340	145	0.06375
345	145	0.06376
350	145	0.06374
355	145	0.06376
360	145	0.06376
365	145	0.06375
370	145	0.06375
375	145	0.06377
380	145	0.06375
385	145	0.06376
390	145	0.06374
395	145	0.06374
400	145	0.06375
405	145	0.06374
410	145	0.06373
415	145	0.06373
420	145	0.06373

EM wavele nm	EX wavele nm	R1 MicroAmps
425	145	0.06374
430	145	0.06376
435	145	0.06372
440	145	0.06374
445	145	0.06373
450	145	0.06374
455	145	0.06377
460	145	0.06375
465	145	0.06377
470	145	0.06373
475	145	0.06374
480	145	0.06375
485	145	0.06377
490	145	0.06372
495	145	0.06374
500	145	0.06374
505	145	0.06372
510	145	0.06373
515	145	0.0637
520	145	0.06372
525	145	0.06374
530	145	0.06372
535	145	0.06372
540	145	0.06369
545	145	0.06371
550	145	0.06372
555	145	0.06372
560	145	0.06371
565	145	0.06372
570	145	0.06376
575	145	0.06375
580	145	0.06375
585	145	0.06376
590	145	0.06374
595	145	0.06372
600	145	0.06371
605	145	0.06372
610	145	0.06373
615	145	0.0637
620	145	0.06373
625	145	0.06375
630	145	0.06373
635	145	0.06374
640	145	0.06373
645	145	0.06373
650	145	0.06371
655	145	0.06374
660	145	0.06373
665	145	0.06371
670	145	0.06373
675	145	0.06373
680	145	0.06373
685	145	0.06375
690	145	0.06374
695	145	0.06374
700	145	0.06375
705	145	0.06373
710	145	0.06373
715	145	0.06376
720	145	0.06373
725	145	0.06374
730	145	0.06371
735	145	0.06374
740	145	0.0637

EM wavele nm	EX wavele nm	R1 MicroAmps
745	145	0.06372
750	145	0.06375
755	145	0.06376
760	145	0.06374
765	145	0.06373
770	145	0.06372
775	145	0.06372
780	145	0.06374
785	145	0.06372
790	145	0.06373
795	145	0.06371
800	145	0.0637
805	145	0.06371
810	145	0.06372
815	145	0.06373
820	145	0.06374
825	145	0.06372
830	145	0.06374
835	145	0.06375
840	145	0.06375
845	145	0.06373
850	145	0.06374
855	145	0.06375
860	145	0.06374
865	145	0.06374
870	145	0.06375
875	145	0.06376
880	145	0.06377
885	145	0.06372
890	145	0.06373
895	145	0.06372
900	145	0.06372
905	145	0.06372
910	145	0.0637
915	145	0.0637
920	145	0.06372
925	145	0.06372
930	145	0.06368
935	145	0.06371
940	145	0.0637
945	145	0.06369
950	145	0.06371
955	145	0.06371
960	145	0.06372
965	145	0.0637
970	145	0.0637
975	145	0.06368
980	145	0.06367
985	145	0.06367
990	145	0.06369
995	145	0.0637
1000	145	0.06371
1005	145	0.06371
1010	145	0.0637
1015	145	0.0637
1020	145	0.06373
1025	145	0.06377
1030	145	0.06378
1035	145	0.06379
1040	145	0.06375
1045	145	0.06378
1050	145	0.06377
1055	145	0.06375
1060	145	0.06372

EM wavele nm	EX wavele nm	R1 MicroAmps
1065	145	0.06373
1070	145	0.06373
1075	145	0.06369
1080	145	0.06373
1085	145	0.06371
1090	145	0.06372
1095	145	0.06374
1100	145	0.06373
1105	145	0.06374
1110	145	0.06372
1115	145	0.0637
1120	145	0.06375
1125	145	0.06372
1130	145	0.06371
1135	145	0.06371
1140	145	0.06374
1145	145	0.06374
1150	145	0.06375
0	150	0.06338
5	150	0.06336
10	150	0.06336
15	150	0.06337
20	150	0.06335
25	150	0.06337
30	150	0.06335
35	150	0.06334
40	150	0.06336
45	150	0.06334
50	150	0.06335
55	150	0.06338
60	150	0.06334
65	150	0.06336
70	150	0.06338
75	150	0.06336
80	150	0.06335
85	150	0.06334
90	150	0.06335
95	150	0.06338
100	150	0.06337
105	150	0.06338
110	150	0.06337
115	150	0.06337
120	150	0.06335
125	150	0.06335
130	150	0.06338
135	150	0.06335
140	150	0.06335
145	150	0.06336
150	150	0.06333
155	150	0.06335
160	150	0.06337
165	150	0.06333
170	150	0.06334
175	150	0.06332
180	150	0.06331
185	150	0.06334
190	150	0.06334
195	150	0.06336
200	150	0.06337
205	150	0.06336
210	150	0.06337
215	150	0.06337
220	150	0.06337
225	150	0.0634

EM wavele nm	EX wavele nm	R1 MicroAmps
230	150	0.06337
235	150	0.06335
240	150	0.06336
245	150	0.06337
250	150	0.06335
255	150	0.06335
260	150	0.06331
265	150	0.06334
270	150	0.06329
275	150	0.06331
280	150	0.06335
285	150	0.06332
290	150	0.06331
295	150	0.06334
300	150	0.06334
305	150	0.06332
310	150	0.0633
315	150	0.06329
320	150	0.06332
325	150	0.06329
330	150	0.06333
335	150	0.06337
340	150	0.06335
345	150	0.06337
350	150	0.06333
355	150	0.06336
360	150	0.06335
365	150	0.06339
370	150	0.06338
375	150	0.06337
380	150	0.06338
385	150	0.06337
390	150	0.06336
395	150	0.06335
400	150	0.06336
405	150	0.06336
410	150	0.06338
415	150	0.06336
420	150	0.06335
425	150	0.06334
430	150	0.06333
435	150	0.06334
440	150	0.06334
445	150	0.06334
450	150	0.06335
455	150	0.06333
460	150	0.06333
465	150	0.06335
470	150	0.06334
475	150	0.06337
480	150	0.06337
485	150	0.06337
490	150	0.06339
495	150	0.06337
500	150	0.06338
505	150	0.06337
510	150	0.06335
515	150	0.06334
520	150	0.06337
525	150	0.06336
530	150	0.06336
535	150	0.06338
540	150	0.06337
545	150	0.06336

EM wavele nm	EX wavele nm	R1 MicroAmps
550	150	0.06336
555	150	0.06335
560	150	0.06335
565	150	0.06335
570	150	0.06333
575	150	0.06334
580	150	0.06333
585	150	0.06335
590	150	0.06335
595	150	0.06334
600	150	0.06335
605	150	0.06337
610	150	0.06338
615	150	0.06335
620	150	0.06336
625	150	0.06337
630	150	0.06334
635	150	0.06336
640	150	0.06334
645	150	0.06335
650	150	0.06333
655	150	0.06334
660	150	0.06334
665	150	0.06333
670	150	0.06336
675	150	0.06334
680	150	0.06335
685	150	0.06335
690	150	0.06335
695	150	0.06336
700	150	0.06339
705	150	0.0634
710	150	0.06337
715	150	0.06338
720	150	0.0634
725	150	0.06341
730	150	0.06338
735	150	0.06333
740	150	0.06335
745	150	0.06337
750	150	0.06336
755	150	0.06335
760	150	0.06335
765	150	0.06338
770	150	0.06335
775	150	0.06339
780	150	0.06333
785	150	0.06336
790	150	0.06336
795	150	0.06334
800	150	0.06336
805	150	0.06335
810	150	0.06336
815	150	0.06332
820	150	0.06334
825	150	0.06333
830	150	0.06333
835	150	0.06335
840	150	0.06334
845	150	0.06335
850	150	0.06335
855	150	0.06334
860	150	0.06335
865	150	0.06335

EM wavele nm	EX wavele nm	R1 MicroAmps
870	150	0.06335
875	150	0.06335
880	150	0.06334
885	150	0.06336
890	150	0.06334
895	150	0.06334
900	150	0.06338
905	150	0.06334
910	150	0.06335
915	150	0.06336
920	150	0.06336
925	150	0.06337
930	150	0.06339
935	150	0.06334
940	150	0.06336
945	150	0.06338
950	150	0.06335
955	150	0.06336
960	150	0.06337
965	150	0.06336
970	150	0.06335
975	150	0.06335
980	150	0.06335
985	150	0.06337
990	150	0.0634
995	150	0.06339
1000	150	0.06338
1005	150	0.06338
1010	150	0.06338
1015	150	0.06339
1020	150	0.06339
1025	150	0.06339
1030	150	0.06341
1035	150	0.06339
1040	150	0.06339
1045	150	0.06338
1050	150	0.06336
1055	150	0.06335
1060	150	0.06337
1065	150	0.06336
1070	150	0.06333
1075	150	0.06336
1080	150	0.06336
1085	150	0.06338
1090	150	0.06339
1095	150	0.06339
1100	150	0.06337
1105	150	0.06339
1110	150	0.06341
1115	150	0.06341
1120	150	0.06342
1125	150	0.06342
1130	150	0.06341
1135	150	0.06342
1140	150	0.06341
1145	150	0.0634
1150	150	0.06338
0	155	0.06379
5	155	0.06378
10	155	0.06382
15	155	0.06382
20	155	0.06382
25	155	0.06381
30	155	0.06382

EM wavele nm	EX wavele nm	R1 MicroAmps
35	155	0.06384
40	155	0.06382
45	155	0.06382
50	155	0.06385
55	155	0.06381
60	155	0.06382
65	155	0.06382
70	155	0.06381
75	155	0.06383
80	155	0.06382
85	155	0.06386
90	155	0.06384
95	155	0.06385
100	155	0.06386
105	155	0.06385
110	155	0.06385
115	155	0.06384
120	155	0.06384
125	155	0.06385
130	155	0.06384
135	155	0.06386
140	155	0.06385
145	155	0.06384
150	155	0.06385
155	155	0.06384
160	155	0.06381
165	155	0.06385
170	155	0.06384
175	155	0.06382
180	155	0.06381
185	155	0.06382
190	155	0.06382
195	155	0.06381
200	155	0.06383
205	155	0.06381
210	155	0.0638
215	155	0.06379
220	155	0.06382
225	155	0.0638
230	155	0.0638
235	155	0.06382
240	155	0.0638
245	155	0.06378
250	155	0.0638
255	155	0.0638
260	155	0.06381
265	155	0.0638
270	155	0.06382
275	155	0.06381
280	155	0.06381
285	155	0.06377
290	155	0.06381
295	155	0.06378
300	155	0.06377
305	155	0.06378
310	155	0.06381
315	155	0.0638
320	155	0.06381
325	155	0.06381
330	155	0.06383
335	155	0.06382
340	155	0.06381
345	155	0.06383
350	155	0.06382

EM wavele nm	EX wavele nm	R1 MicroAmps
355	155	0.0638
360	155	0.06381
365	155	0.06379
370	155	0.06379
375	155	0.0638
380	155	0.0638
385	155	0.06375
390	155	0.06377
395	155	0.0638
400	155	0.06376
405	155	0.06378
410	155	0.06378
415	155	0.06376
420	155	0.06375
425	155	0.06377
430	155	0.06378
435	155	0.06377
440	155	0.06378
445	155	0.06379
450	155	0.06376
455	155	0.06375
460	155	0.06375
465	155	0.06378
470	155	0.06378
475	155	0.06378
480	155	0.06378
485	155	0.06377
490	155	0.0638
495	155	0.06377
500	155	0.06381
505	155	0.0638
510	155	0.06374
515	155	0.06379
520	155	0.06376
525	155	0.06379
530	155	0.06379
535	155	0.06381
540	155	0.06379
545	155	0.06379
550	155	0.06382
555	155	0.06379
560	155	0.06375
565	155	0.06379
570	155	0.06378
575	155	0.06376
580	155	0.06378
585	155	0.0638
590	155	0.0638
595	155	0.06379
600	155	0.06376
605	155	0.06375
610	155	0.06373
615	155	0.06374
620	155	0.06376
625	155	0.06374
630	155	0.06378
635	155	0.06377
640	155	0.06378
645	155	0.06379
650	155	0.0638
655	155	0.06381
660	155	0.06382
665	155	0.0638
670	155	0.06382

EM wavele nm	EX wavele nm	R1 MicroAmps
675	155	0.06383
680	155	0.0638
685	155	0.06379
690	155	0.0638
695	155	0.06382
700	155	0.0638
705	155	0.06378
710	155	0.0638
715	155	0.0638
720	155	0.06382
725	155	0.06382
730	155	0.06382
735	155	0.06382
740	155	0.06381
745	155	0.0638
750	155	0.06379
755	155	0.06379
760	155	0.06382
765	155	0.0638
770	155	0.0638
775	155	0.06381
780	155	0.06381
785	155	0.06378
790	155	0.06382
795	155	0.06381
800	155	0.0638
805	155	0.06384
810	155	0.06384
815	155	0.06381
820	155	0.0638
825	155	0.06382
830	155	0.06383
835	155	0.06383
840	155	0.06381
845	155	0.06378
850	155	0.06381
855	155	0.06379
860	155	0.0638
865	155	0.06382
870	155	0.06384
875	155	0.06382
880	155	0.06382
885	155	0.06381
890	155	0.06381
895	155	0.06381
900	155	0.06381
905	155	0.06382
910	155	0.06381
915	155	0.06382
920	155	0.06379
925	155	0.0638
930	155	0.06382
935	155	0.06381
940	155	0.06381
945	155	0.06385
950	155	0.06386
955	155	0.06386
960	155	0.06387
965	155	0.06387
970	155	0.06384
975	155	0.06386
980	155	0.06386
985	155	0.06384
990	155	0.06384

EM wavele nm	EX wavele nm	R1 MicroAmps
995	155	0.06385
1000	155	0.06384
1005	155	0.06387
1010	155	0.06388
1015	155	0.06386
1020	155	0.06384
1025	155	0.06386
1030	155	0.06384
1035	155	0.06385
1040	155	0.06386
1045	155	0.06389
1050	155	0.06386
1055	155	0.06387
1060	155	0.06386
1065	155	0.06385
1070	155	0.06383
1075	155	0.06384
1080	155	0.06385
1085	155	0.06383
1090	155	0.06384
1095	155	0.06384
1100	155	0.06383
1105	155	0.06384
1110	155	0.06384
1115	155	0.06381
1120	155	0.06383
1125	155	0.06382
1130	155	0.06381
1135	155	0.06383
1140	155	0.06383
1145	155	0.06382
1150	155	0.06385
0	160	0.06392
5	160	0.06392
10	160	0.06392
15	160	0.06394
20	160	0.06396
25	160	0.06393
30	160	0.06394
35	160	0.06393
40	160	0.06395
45	160	0.06396
50	160	0.06394
55	160	0.06397
60	160	0.06394
65	160	0.06397
70	160	0.06397
75	160	0.06397
80	160	0.06397
85	160	0.06397
90	160	0.06395
95	160	0.06396
100	160	0.06394
105	160	0.06398
110	160	0.06397
115	160	0.06396
120	160	0.06398
125	160	0.06395
130	160	0.06396
135	160	0.06396
140	160	0.06395
145	160	0.06398
150	160	0.06396
155	160	0.06395

EM wavele nm	EX wavele nm	R1 MicroAmps
160	160	0.06397
165	160	0.06396
170	160	0.06398
175	160	0.06397
180	160	0.06393
185	160	0.06397
190	160	0.06395
195	160	0.06397
200	160	0.064
205	160	0.06399
210	160	0.06399
215	160	0.064
220	160	0.06399
225	160	0.06397
230	160	0.06398
235	160	0.064
240	160	0.064
245	160	0.06399
250	160	0.06401
255	160	0.06399
260	160	0.06398
265	160	0.06398
270	160	0.06396
275	160	0.06395
280	160	0.06398
285	160	0.06393
290	160	0.06391
295	160	0.06393
300	160	0.06395
305	160	0.06394
310	160	0.06394
315	160	0.06396
320	160	0.06392
325	160	0.06392
330	160	0.06389
335	160	0.06394
340	160	0.06388
345	160	0.06393
350	160	0.0639
355	160	0.06389
360	160	0.06392
365	160	0.06393
370	160	0.06392
375	160	0.06396
380	160	0.06394
385	160	0.06394
390	160	0.06394
395	160	0.06396
400	160	0.06393
405	160	0.06394
410	160	0.06395
415	160	0.06396
420	160	0.06394
425	160	0.06395
430	160	0.06394
435	160	0.06393
440	160	0.06393
445	160	0.06395
450	160	0.06394
455	160	0.06394
460	160	0.06394
465	160	0.06396
470	160	0.06395
475	160	0.06394

EM wavele nm	EX wavele nm	R1 MicroAmps
480	160	0.06396
485	160	0.06393
490	160	0.06396
495	160	0.06398
500	160	0.06393
505	160	0.06396
510	160	0.06395
515	160	0.06397
520	160	0.06394
525	160	0.06393
530	160	0.06393
535	160	0.06392
540	160	0.06392
545	160	0.06391
550	160	0.06395
555	160	0.06391
560	160	0.06395
565	160	0.06394
570	160	0.06395
575	160	0.06392
580	160	0.06395
585	160	0.06396
590	160	0.06394
595	160	0.06397
600	160	0.06394
605	160	0.06394
610	160	0.06394
615	160	0.06396
620	160	0.06397
625	160	0.06397
630	160	0.06394
635	160	0.06395
640	160	0.06394
645	160	0.06392
650	160	0.06395
655	160	0.06391
660	160	0.06396
665	160	0.06394
670	160	0.06392
675	160	0.06393
680	160	0.06393
685	160	0.06392
690	160	0.06393
695	160	0.06393
700	160	0.06393
705	160	0.06393
710	160	0.06394
715	160	0.06392
720	160	0.06392
725	160	0.06392
730	160	0.06389
735	160	0.06391
740	160	0.06392
745	160	0.06389
750	160	0.06393
755	160	0.06395
760	160	0.06394
765	160	0.06388
770	160	0.06391
775	160	0.06392
780	160	0.06388
785	160	0.0639
790	160	0.06393
795	160	0.06389

EM wavele nm	EX wavele nm	R1 MicroAmps
800	160	0.06391
805	160	0.0639
810	160	0.06388
815	160	0.06389
820	160	0.06389
825	160	0.06386
830	160	0.06386
835	160	0.06388
840	160	0.06389
845	160	0.06387
850	160	0.06388
855	160	0.0639
860	160	0.0639
865	160	0.0639
870	160	0.06392
875	160	0.06392
880	160	0.06393
885	160	0.06387
890	160	0.0639
895	160	0.0639
900	160	0.06389
905	160	0.06391
910	160	0.06388
915	160	0.06391
920	160	0.06392
925	160	0.06391
930	160	0.06392
935	160	0.06393
940	160	0.06391
945	160	0.06392
950	160	0.06394
955	160	0.06392
960	160	0.06395
965	160	0.06394
970	160	0.06392
975	160	0.06393
980	160	0.06392
985	160	0.0639
990	160	0.06393
995	160	0.06391
1000	160	0.06391
1005	160	0.06392
1010	160	0.0639
1015	160	0.06393
1020	160	0.06389
1025	160	0.06391
1030	160	0.06393
1035	160	0.06394
1040	160	0.06395
1045	160	0.06396
1050	160	0.06397
1055	160	0.06398
1060	160	0.06397
1065	160	0.06396
1070	160	0.06394
1075	160	0.06396
1080	160	0.06395
1085	160	0.06391
1090	160	0.06393
1095	160	0.06392
1100	160	0.06393
1105	160	0.06396
1110	160	0.06395
1115	160	0.06391

EM wavele nm	EX wavele nm	R1 MicroAmps
1120	160	0.064
1125	160	0.06397
1130	160	0.06397
1135	160	0.06402
1140	160	0.06398
1145	160	0.064
1150	160	0.06398
0	165	0.06274
5	165	0.06275
10	165	0.06274
15	165	0.06273
20	165	0.06273
25	165	0.06274
30	165	0.06274
35	165	0.06271
40	165	0.06274
45	165	0.06277
50	165	0.06277
55	165	0.06278
60	165	0.06279
65	165	0.0628
70	165	0.0628
75	165	0.0628
80	165	0.06279
85	165	0.06279
90	165	0.06281
95	165	0.06281
100	165	0.06278
105	165	0.06279
110	165	0.06276
115	165	0.06275
120	165	0.06276
125	165	0.06275
130	165	0.06278
135	165	0.06281
140	165	0.06279
145	165	0.0628
150	165	0.06279
155	165	0.0628
160	165	0.06279
165	165	0.06278
170	165	0.0628
175	165	0.06279
180	165	0.0628
185	165	0.06279
190	165	0.06279
195	165	0.06275
200	165	0.06276
205	165	0.06277
210	165	0.06276
215	165	0.06279
220	165	0.0628
225	165	0.06278
230	165	0.0628
235	165	0.06278
240	165	0.06278
245	165	0.06281
250	165	0.06278
255	165	0.06279
260	165	0.0628
265	165	0.06286
270	165	0.06284
275	165	0.06284
280	165	0.06285

EM wavele nm	EX wavele nm	R1 MicroAmps
285	165	0.06283
290	165	0.06283
295	165	0.06283
300	165	0.06282
305	165	0.06281
310	165	0.06282
315	165	0.06282
320	165	0.0628
325	165	0.06278
330	165	0.0628
335	165	0.06279
340	165	0.06283
345	165	0.0628
350	165	0.06282
355	165	0.0628
360	165	0.06277
365	165	0.06281
370	165	0.06279
375	165	0.06279
380	165	0.06279
385	165	0.06281
390	165	0.06279
395	165	0.06278
400	165	0.0628
405	165	0.06279
410	165	0.06278
415	165	0.06279
420	165	0.0628
425	165	0.06278
430	165	0.06278
435	165	0.06279
440	165	0.06277
445	165	0.0628
450	165	0.06279
455	165	0.06276
460	165	0.06279
465	165	0.0628
470	165	0.06279
475	165	0.0628
480	165	0.06279
485	165	0.06282
490	165	0.06281
495	165	0.06279
500	165	0.06279
505	165	0.0628
510	165	0.06281
515	165	0.06279
520	165	0.06281
525	165	0.06281
530	165	0.06278
535	165	0.06278
540	165	0.0628
545	165	0.06278
550	165	0.06279
555	165	0.06278
560	165	0.06281
565	165	0.06279
570	165	0.06282
575	165	0.0628
580	165	0.06277
585	165	0.06278
590	165	0.06276
595	165	0.06279
600	165	0.06276

EM wavele nm	EX wavele nm	R1 MicroAmps
605	165	0.06278
610	165	0.06278
615	165	0.06277
620	165	0.06279
625	165	0.06276
630	165	0.06278
635	165	0.06278
640	165	0.06277
645	165	0.06279
650	165	0.06279
655	165	0.0628
660	165	0.06278
665	165	0.0628
670	165	0.06281
675	165	0.06281
680	165	0.06283
685	165	0.06282
690	165	0.06282
695	165	0.0628
700	165	0.06279
705	165	0.06279
710	165	0.06279
715	165	0.0628
720	165	0.0628
725	165	0.06279
730	165	0.06281
735	165	0.06279
740	165	0.06282
745	165	0.06279
750	165	0.06279
755	165	0.06279
760	165	0.06279
765	165	0.06279
770	165	0.06277
775	165	0.0628
780	165	0.06277
785	165	0.06277
790	165	0.06279
795	165	0.06276
800	165	0.06277
805	165	0.06275
810	165	0.06274
815	165	0.06275
820	165	0.06276
825	165	0.06274
830	165	0.06273
835	165	0.06274
840	165	0.06275
845	165	0.06269
850	165	0.06276
855	165	0.06273
860	165	0.06273
865	165	0.06274
870	165	0.06274
875	165	0.06276
880	165	0.06273
885	165	0.06277
890	165	0.06276
895	165	0.06276
900	165	0.06277
905	165	0.06277
910	165	0.06276
915	165	0.06276
920	165	0.06275

EM wavele nm	EX wavele nm	R1 MicroAmps
925	165	0.06278
930	165	0.06275
935	165	0.06276
940	165	0.06275
945	165	0.06275
950	165	0.06276
955	165	0.06275
960	165	0.06278
965	165	0.06277
970	165	0.06276
975	165	0.06279
980	165	0.06279
985	165	0.0628
990	165	0.06277
995	165	0.06279
1000	165	0.06277
1005	165	0.0628
1010	165	0.0628
1015	165	0.06279
1020	165	0.0628
1025	165	0.06281
1030	165	0.06281
1035	165	0.06278
1040	165	0.06278
1045	165	0.06279
1050	165	0.06279
1055	165	0.06277
1060	165	0.06278
1065	165	0.06277
1070	165	0.06277
1075	165	0.06281
1080	165	0.06278
1085	165	0.06276
1090	165	0.06278
1095	165	0.06279
1100	165	0.06281
1105	165	0.0628
1110	165	0.06277
1115	165	0.06276
1120	165	0.06275
1125	165	0.06273
1130	165	0.06274
1135	165	0.0627
1140	165	0.06273
1145	165	0.06273
1150	165	0.06272
0	170	0.06218
5	170	0.06217
10	170	0.06219
15	170	0.0622
20	170	0.06216
25	170	0.06218
30	170	0.06218
35	170	0.06217
40	170	0.06217
45	170	0.0622
50	170	0.06218
55	170	0.0622
60	170	0.06219
65	170	0.06219
70	170	0.06218
75	170	0.0622
80	170	0.0622
85	170	0.0622

EM wavele nm	EX wavele nm	R1 MicroAmps
90	170	0.0622
95	170	0.06219
100	170	0.06217
105	170	0.06217
110	170	0.06217
115	170	0.06214
120	170	0.06217
125	170	0.06218
130	170	0.06214
135	170	0.06215
140	170	0.06214
145	170	0.06212
150	170	0.06216
155	170	0.06215
160	170	0.06216
165	170	0.06219
170	170	0.06217
175	170	0.06217
180	170	0.06216
185	170	0.06215
190	170	0.06218
195	170	0.06216
200	170	0.06217
205	170	0.06215
210	170	0.06213
215	170	0.06216
220	170	0.06216
225	170	0.06218
230	170	0.0622
235	170	0.06218
240	170	0.06216
245	170	0.06219
250	170	0.06216
255	170	0.06216
260	170	0.06215
265	170	0.06214
270	170	0.06218
275	170	0.06214
280	170	0.06217
285	170	0.06214
290	170	0.06214
295	170	0.06213
300	170	0.06215
305	170	0.06215
310	170	0.06219
315	170	0.06217
320	170	0.06219
325	170	0.06218
330	170	0.06218
335	170	0.06218
340	170	0.06216
345	170	0.06215
350	170	0.06215
355	170	0.06214
360	170	0.06214
365	170	0.06215
370	170	0.06213
375	170	0.06217
380	170	0.06214
385	170	0.06215
390	170	0.06215
395	170	0.06218
400	170	0.06214
405	170	0.06213

EM wavele nm	EX wavele nm	R1 MicroAmps
410	170	0.06212
415	170	0.06211
420	170	0.06209
425	170	0.06211
430	170	0.06213
435	170	0.06212
440	170	0.06212
445	170	0.06212
450	170	0.06212
455	170	0.06217
460	170	0.06219
465	170	0.06216
470	170	0.06218
475	170	0.06216
480	170	0.06215
485	170	0.06218
490	170	0.06215
495	170	0.06217
500	170	0.06218
505	170	0.06216
510	170	0.06219
515	170	0.06217
520	170	0.06216
525	170	0.06218
530	170	0.06215
535	170	0.06214
540	170	0.06215
545	170	0.06216
550	170	0.06217
555	170	0.06218
560	170	0.06219
565	170	0.06216
570	170	0.06215
575	170	0.06219
580	170	0.06218
585	170	0.06215
590	170	0.06218
595	170	0.06218
600	170	0.06215
605	170	0.06215
610	170	0.06216
615	170	0.06218
620	170	0.06212
625	170	0.06213
630	170	0.06213
635	170	0.06212
640	170	0.06211
645	170	0.06212
650	170	0.06213
655	170	0.06212
660	170	0.06211
665	170	0.06212
670	170	0.06212
675	170	0.06213
680	170	0.06214
685	170	0.06214
690	170	0.06214
695	170	0.06214
700	170	0.06213
705	170	0.06213
710	170	0.06213
715	170	0.06214
720	170	0.06213
725	170	0.06214

EM wavele nm	EX wavele nm	R1 MicroAmps
730	170	0.06211
735	170	0.06211
740	170	0.06214
745	170	0.06213
750	170	0.06213
755	170	0.06215
760	170	0.06212
765	170	0.06216
770	170	0.0621
775	170	0.06212
780	170	0.06213
785	170	0.06213
790	170	0.06214
795	170	0.06213
800	170	0.06215
805	170	0.06214
810	170	0.06214
815	170	0.06215
820	170	0.06214
825	170	0.06212
830	170	0.06212
835	170	0.06214
840	170	0.06211
845	170	0.0621
850	170	0.06212
855	170	0.06213
860	170	0.06213
865	170	0.06216
870	170	0.06216
875	170	0.06217
880	170	0.06216
885	170	0.06216
890	170	0.06215
895	170	0.06212
900	170	0.06214
905	170	0.06212
910	170	0.06214
915	170	0.06215
920	170	0.06213
925	170	0.06211
930	170	0.06213
935	170	0.06212
940	170	0.06213
945	170	0.06213
950	170	0.06215
955	170	0.06214
960	170	0.06215
965	170	0.06213
970	170	0.06214
975	170	0.06212
980	170	0.06209
985	170	0.0621
990	170	0.06211
995	170	0.0621
1000	170	0.06212
1005	170	0.06211
1010	170	0.06216
1015	170	0.06216
1020	170	0.06215
1025	170	0.06212
1030	170	0.06215
1035	170	0.06214
1040	170	0.06216
1045	170	0.06215

EM wavele nm	EX wavele nm	R1 MicroAmps
1050	170	0.06215
1055	170	0.06215
1060	170	0.06215
1065	170	0.06215
1070	170	0.06211
1075	170	0.06214
1080	170	0.06211
1085	170	0.0621
1090	170	0.06209
1095	170	0.06212
1100	170	0.06209
1105	170	0.0621
1110	170	0.06211
1115	170	0.06213
1120	170	0.06211
1125	170	0.0621
1130	170	0.06211
1135	170	0.06212
1140	170	0.06213
1145	170	0.06215
1150	170	0.06214
0	175	0.06189
5	175	0.0619
10	175	0.06186
15	175	0.0619
20	175	0.06187
25	175	0.06187
30	175	0.06189
35	175	0.06191
40	175	0.06192
45	175	0.06187
50	175	0.0619
55	175	0.06187
60	175	0.0619
65	175	0.06187
70	175	0.0619
75	175	0.06189
80	175	0.06192
85	175	0.06192
90	175	0.06191
95	175	0.06193
100	175	0.06192
105	175	0.0619
110	175	0.06187
115	175	0.06188
120	175	0.06186
125	175	0.06187
130	175	0.06186
135	175	0.06187
140	175	0.06187
145	175	0.06185
150	175	0.06189
155	175	0.06188
160	175	0.06193
165	175	0.06193
170	175	0.06194
175	175	0.0619
180	175	0.06191
185	175	0.0619
190	175	0.06189
195	175	0.06189
200	175	0.06189
205	175	0.06189
210	175	0.06188

EM wavele nm	EX wavele nm	R1 MicroAmps
215	175	0.06191
220	175	0.06187
225	175	0.06192
230	175	0.06189
235	175	0.06188
240	175	0.06191
245	175	0.0619
250	175	0.06191
255	175	0.0619
260	175	0.06192
265	175	0.0619
270	175	0.0619
275	175	0.06188
280	175	0.06189
285	175	0.06187
290	175	0.0619
295	175	0.06189
300	175	0.06187
305	175	0.06188
310	175	0.06187
315	175	0.06189
320	175	0.06185
325	175	0.0619
330	175	0.06189
335	175	0.06192
340	175	0.06192
345	175	0.06189
350	175	0.06192
355	175	0.0619
360	175	0.0619
365	175	0.06191
370	175	0.0619
375	175	0.06188
380	175	0.06187
385	175	0.06185
390	175	0.06186
395	175	0.06186
400	175	0.06186
405	175	0.06186
410	175	0.06189
415	175	0.06187
420	175	0.06191
425	175	0.06189
430	175	0.06191
435	175	0.06189
440	175	0.06192
445	175	0.06192
450	175	0.06194
455	175	0.06192
460	175	0.06192
465	175	0.0619
470	175	0.0619
475	175	0.06191
480	175	0.0619
485	175	0.06187
490	175	0.06188
495	175	0.06185
500	175	0.06185
505	175	0.06185
510	175	0.06185
515	175	0.06186
520	175	0.06186
525	175	0.06187
530	175	0.06185

EM wavele nm	EX wavele nm	R1 MicroAmps
535	175	0.06188
540	175	0.0619
545	175	0.06188
550	175	0.06188
555	175	0.06188
560	175	0.06191
565	175	0.06189
570	175	0.06187
575	175	0.0619
580	175	0.06192
585	175	0.06189
590	175	0.06189
595	175	0.06187
600	175	0.06184
605	175	0.06186
610	175	0.06186
615	175	0.06184
620	175	0.06185
625	175	0.06185
630	175	0.06188
635	175	0.06187
640	175	0.06186
645	175	0.06187
650	175	0.06189
655	175	0.06188
660	175	0.06193
665	175	0.06191
670	175	0.06192
675	175	0.06191
680	175	0.06188
685	175	0.0619
690	175	0.06186
695	175	0.06186
700	175	0.06189
705	175	0.06189
710	175	0.06191
715	175	0.0619
720	175	0.06192
725	175	0.06192
730	175	0.06193
735	175	0.0619
740	175	0.06191
745	175	0.0619
750	175	0.06188
755	175	0.06193
760	175	0.06193
765	175	0.06191
770	175	0.06192
775	175	0.0619
780	175	0.06191
785	175	0.06192
790	175	0.06194
795	175	0.06197
800	175	0.06196
805	175	0.06194
810	175	0.06189
815	175	0.0619
820	175	0.06193
825	175	0.06192
830	175	0.06188
835	175	0.06188
840	175	0.0619
845	175	0.0619
850	175	0.06193

EM wavele nm	EX wavele nm	R1 MicroAmps
855	175	0.06191
860	175	0.06194
865	175	0.06193
870	175	0.06194
875	175	0.06192
880	175	0.06192
885	175	0.06192
890	175	0.06191
895	175	0.0619
900	175	0.06191
905	175	0.06188
910	175	0.06189
915	175	0.0619
920	175	0.06189
925	175	0.0619
930	175	0.06188
935	175	0.06191
940	175	0.06189
945	175	0.06189
950	175	0.0619
955	175	0.06187
960	175	0.06188
965	175	0.06186
970	175	0.06185
975	175	0.06187
980	175	0.06184
985	175	0.06186
990	175	0.06188
995	175	0.06189
1000	175	0.06188
1005	175	0.06189
1010	175	0.06189
1015	175	0.06188
1020	175	0.06188
1025	175	0.0619
1030	175	0.06189
1035	175	0.06189
1040	175	0.06189
1045	175	0.0619
1050	175	0.06187
1055	175	0.06188
1060	175	0.06189
1065	175	0.06186
1070	175	0.0619
1075	175	0.06184
1080	175	0.06188
1085	175	0.06186
1090	175	0.06185
1095	175	0.06184
1100	175	0.06184
1105	175	0.06186
1110	175	0.06186
1115	175	0.06187
1120	175	0.06184
1125	175	0.06185
1130	175	0.06187
1135	175	0.06187
1140	175	0.06186
1145	175	0.06184
1150	175	0.06181
0	180	0.06138
5	180	0.06137
10	180	0.06139
15	180	0.06137

EM wavele nm	EX wavele nm	R1 MicroAmps
20	180	0.06137
25	180	0.06136
30	180	0.06132
35	180	0.06136
40	180	0.06132
45	180	0.06134
50	180	0.06135
55	180	0.06134
60	180	0.06133
65	180	0.06137
70	180	0.06134
75	180	0.06138
80	180	0.06137
85	180	0.06137
90	180	0.0614
95	180	0.06142
100	180	0.06141
105	180	0.06143
110	180	0.06144
115	180	0.06142
120	180	0.06141
125	180	0.06139
130	180	0.06141
135	180	0.06141
140	180	0.06141
145	180	0.06141
150	180	0.0614
155	180	0.06143
160	180	0.06142
165	180	0.06142
170	180	0.06142
175	180	0.06143
180	180	0.06144
185	180	0.06144
190	180	0.06144
195	180	0.06145
200	180	0.06143
205	180	0.06143
210	180	0.06144
215	180	0.0614
220	180	0.06143
225	180	0.06143
230	180	0.06143
235	180	0.06142
240	180	0.06144
245	180	0.06144
250	180	0.06145
255	180	0.06147
260	180	0.06144
265	180	0.06145
270	180	0.06145
275	180	0.06143
280	180	0.06143
285	180	0.06142
290	180	0.06142
295	180	0.06143
300	180	0.06139
305	180	0.06141
310	180	0.0614
315	180	0.0614
320	180	0.06138
325	180	0.06138
330	180	0.06138
335	180	0.06139

EM wavele nm	EX wavele nm	R1 MicroAmps
340	180	0.06145
345	180	0.06139
350	180	0.06146
355	180	0.06141
360	180	0.06142
365	180	0.06142
370	180	0.0614
375	180	0.06141
380	180	0.06138
385	180	0.0614
390	180	0.06141
395	180	0.06139
400	180	0.06138
405	180	0.06139
410	180	0.06139
415	180	0.06137
420	180	0.06141
425	180	0.06141
430	180	0.06138
435	180	0.06142
440	180	0.06138
445	180	0.06139
450	180	0.06137
455	180	0.06138
460	180	0.06139
465	180	0.06137
470	180	0.06142
475	180	0.06142
480	180	0.06144
485	180	0.0614
490	180	0.0614
495	180	0.06139
500	180	0.06138
505	180	0.06139
510	180	0.06142
515	180	0.0614
520	180	0.06142
525	180	0.06143
530	180	0.0614
535	180	0.06141
540	180	0.06143
545	180	0.06143
550	180	0.06142
555	180	0.06139
560	180	0.06142
565	180	0.06141
570	180	0.06138
575	180	0.06139
580	180	0.06141
585	180	0.06142
590	180	0.0614
595	180	0.06141
600	180	0.06141
605	180	0.06143
610	180	0.06143
615	180	0.06147
620	180	0.06144
625	180	0.06142
630	180	0.06141
635	180	0.06141
640	180	0.06138
645	180	0.0614
650	180	0.06138
655	180	0.06141

EM wavele nm	EX wavele nm	R1 MicroAmps
660	180	0.0614
665	180	0.06141
670	180	0.06141
675	180	0.0614
680	180	0.0614
685	180	0.06139
690	180	0.0614
695	180	0.06142
700	180	0.06142
705	180	0.06142
710	180	0.06139
715	180	0.0614
720	180	0.06138
725	180	0.06138
730	180	0.06137
735	180	0.06137
740	180	0.06137
745	180	0.0614
750	180	0.06138
755	180	0.06139
760	180	0.06139
765	180	0.06138
770	180	0.06138
775	180	0.0614
780	180	0.06139
785	180	0.0614
790	180	0.0614
795	180	0.06139
800	180	0.0614
805	180	0.06138
810	180	0.06138
815	180	0.06137
820	180	0.06137
825	180	0.06136
830	180	0.06134
835	180	0.06137
840	180	0.06138
845	180	0.06138
850	180	0.0614
855	180	0.06139
860	180	0.06139
865	180	0.06137
870	180	0.06139
875	180	0.0614
880	180	0.06139
885	180	0.06134
890	180	0.06136
895	180	0.06138
900	180	0.06137
905	180	0.06139
910	180	0.06137
915	180	0.06139
920	180	0.06137
925	180	0.06139
930	180	0.0614
935	180	0.06141
940	180	0.0614
945	180	0.06144
950	180	0.06143
955	180	0.06142
960	180	0.0614
965	180	0.06139
970	180	0.06141
975	180	0.06142

EM wavele nm	EX wavele nm	R1 MicroAmps
980	180	0.06137
985	180	0.06141
990	180	0.06139
995	180	0.06138
1000	180	0.06139
1005	180	0.06139
1010	180	0.0614
1015	180	0.06138
1020	180	0.06139
1025	180	0.06143
1030	180	0.06143
1035	180	0.06141
1040	180	0.06139
1045	180	0.0614
1050	180	0.0614
1055	180	0.06144
1060	180	0.06139
1065	180	0.0614
1070	180	0.0614
1075	180	0.06139
1080	180	0.0614
1085	180	0.06139
1090	180	0.0614
1095	180	0.0614
1100	180	0.06141
1105	180	0.06143
1110	180	0.0614
1115	180	0.06139
1120	180	0.06138
1125	180	0.06141
1130	180	0.06139
1135	180	0.06141
1140	180	0.0614
1145	180	0.0614
1150	180	0.0614
0	185	0.06132
5	185	0.06129
10	185	0.06131
15	185	0.06131
20	185	0.0613
25	185	0.0613
30	185	0.06128
35	185	0.06127
40	185	0.06128
45	185	0.06128
50	185	0.06127
55	185	0.06128
60	185	0.06127
65	185	0.06127
70	185	0.06125
75	185	0.06127
80	185	0.06126
85	185	0.06127
90	185	0.06129
95	185	0.0613
100	185	0.0613
105	185	0.06132
110	185	0.06132
115	185	0.06131
120	185	0.06129
125	185	0.06131
130	185	0.06129
135	185	0.06131
140	185	0.06128

EM wavele nm	EX wavele nm	R1 MicroAmps
145	185	0.06129
150	185	0.06126
155	185	0.06127
160	185	0.06129
165	185	0.06126
170	185	0.06129
175	185	0.06129
180	185	0.06131
185	185	0.06129
190	185	0.06129
195	185	0.06129
200	185	0.06128
205	185	0.06125
210	185	0.06128
215	185	0.06127
220	185	0.06124
225	185	0.06129
230	185	0.06126
235	185	0.06127
240	185	0.06131
245	185	0.06126
250	185	0.06127
255	185	0.06126
260	185	0.06125
265	185	0.06129
270	185	0.06127
275	185	0.06127
280	185	0.06124
285	185	0.06124
290	185	0.06124
295	185	0.06124
300	185	0.06123
305	185	0.06127
310	185	0.06124
315	185	0.06124
320	185	0.06126
325	185	0.06127
330	185	0.06126
335	185	0.06125
340	185	0.06127
345	185	0.06128
350	185	0.06126
355	185	0.06128
360	185	0.06126
365	185	0.06125
370	185	0.06125
375	185	0.06126
380	185	0.06127
385	185	0.06127
390	185	0.06127
395	185	0.06127
400	185	0.06128
405	185	0.0613
410	185	0.06128
415	185	0.0613
420	185	0.06128
425	185	0.06128
430	185	0.06126
435	185	0.06126
440	185	0.06129
445	185	0.06129
450	185	0.06129
455	185	0.06129
460	185	0.06131

EM wavele nm	EX wavele nm	R1 MicroAmps
465	185	0.06129
470	185	0.06128
475	185	0.0613
480	185	0.0613
485	185	0.06129
490	185	0.06128
495	185	0.0613
500	185	0.0613
505	185	0.06127
510	185	0.06128
515	185	0.06129
520	185	0.06127
525	185	0.06129
530	185	0.06129
535	185	0.06125
540	185	0.06126
545	185	0.06124
550	185	0.06125
555	185	0.06127
560	185	0.06126
565	185	0.06128
570	185	0.06128
575	185	0.06126
580	185	0.06127
585	185	0.06128
590	185	0.06127
595	185	0.06128
600	185	0.06128
605	185	0.06127
610	185	0.06126
615	185	0.06127
620	185	0.06125
625	185	0.06126
630	185	0.06126
635	185	0.06127
640	185	0.06128
645	185	0.06126
650	185	0.06126
655	185	0.06126
660	185	0.06126
665	185	0.06127
670	185	0.06125
675	185	0.06126
680	185	0.06123
685	185	0.06125
690	185	0.06125
695	185	0.06125
700	185	0.06125
705	185	0.06127
710	185	0.06128
715	185	0.06125
720	185	0.06128
725	185	0.06129
730	185	0.06126
735	185	0.06129
740	185	0.06124
745	185	0.06126
750	185	0.06128
755	185	0.06128
760	185	0.06127
765	185	0.06126
770	185	0.06127
775	185	0.06127
780	185	0.06125

EM wavele nm	EX wavele nm	R1 MicroAmps
785	185	0.06129
790	185	0.06126
795	185	0.06129
800	185	0.06129
805	185	0.06126
810	185	0.06129
815	185	0.06127
820	185	0.06127
825	185	0.06128
830	185	0.06126
835	185	0.06128
840	185	0.06127
845	185	0.06129
850	185	0.06127
855	185	0.06128
860	185	0.06127
865	185	0.06126
870	185	0.06127
875	185	0.06125
880	185	0.06122
885	185	0.06127
890	185	0.06123
895	185	0.06127
900	185	0.06127
905	185	0.06126
910	185	0.0613
915	185	0.06129
920	185	0.0613
925	185	0.06131
930	185	0.06129
935	185	0.06131
940	185	0.06129
945	185	0.06129
950	185	0.0613
955	185	0.06126
960	185	0.06129
965	185	0.06128
970	185	0.06129
975	185	0.06131
980	185	0.06129
985	185	0.06132
990	185	0.0613
995	185	0.0613
1000	185	0.06128
1005	185	0.06128
1010	185	0.06126
1015	185	0.06129
1020	185	0.06127
1025	185	0.06128
1030	185	0.06129
1035	185	0.06127
1040	185	0.06127
1045	185	0.06126
1050	185	0.06128
1055	185	0.06129
1060	185	0.06126
1065	185	0.06129
1070	185	0.06126
1075	185	0.06128
1080	185	0.06128
1085	185	0.06128
1090	185	0.06129
1095	185	0.06128
1100	185	0.06129

EM wavele nm	EX wavele nm	R1 MicroAmps
1105	185	0.06126
1110	185	0.06127
1115	185	0.06128
1120	185	0.06128
1125	185	0.06132
1130	185	0.0613
1135	185	0.0613
1140	185	0.06129
1145	185	0.0613
1150	185	0.06132
0	190	0.06125
5	190	0.06125
10	190	0.06126
15	190	0.06127
20	190	0.06125
25	190	0.06126
30	190	0.06127
35	190	0.06126
40	190	0.06126
45	190	0.06124
50	190	0.06123
55	190	0.06124
60	190	0.06123
65	190	0.06125
70	190	0.06126
75	190	0.06125
80	190	0.06127
85	190	0.06124
90	190	0.06121
95	190	0.06121
100	190	0.06117
105	190	0.06119
110	190	0.06118
115	190	0.06118
120	190	0.06118
125	190	0.06122
130	190	0.0612
135	190	0.06122
140	190	0.06122
145	190	0.06122
150	190	0.06127
155	190	0.06126
160	190	0.06127
165	190	0.06126
170	190	0.06123
175	190	0.06126
180	190	0.06121
185	190	0.06123
190	190	0.06123
195	190	0.06121
200	190	0.06122
205	190	0.06125
210	190	0.06123
215	190	0.06124
220	190	0.06126
225	190	0.06123
230	190	0.06124
235	190	0.06123
240	190	0.06124
245	190	0.06128
250	190	0.06125
255	190	0.06128
260	190	0.06128
265	190	0.06126

EM wavele nm	EX wavele nm	R1 MicroAmps
270	190	0.06126
275	190	0.06123
280	190	0.06121
285	190	0.06121
290	190	0.06121
295	190	0.06122
300	190	0.06122
305	190	0.06121
310	190	0.06123
315	190	0.06123
320	190	0.06124
325	190	0.06122
330	190	0.06122
335	190	0.06122
340	190	0.06122
345	190	0.06122
350	190	0.06123
355	190	0.06123
360	190	0.06122
365	190	0.06124
370	190	0.06122
375	190	0.0612
380	190	0.06123
385	190	0.0612
390	190	0.0612
395	190	0.06121
400	190	0.06122
405	190	0.06121
410	190	0.06123
415	190	0.06122
420	190	0.06126
425	190	0.06123
430	190	0.06123
435	190	0.06123
440	190	0.06118
445	190	0.06121
450	190	0.06122
455	190	0.06121
460	190	0.0612
465	190	0.0612
470	190	0.0612
475	190	0.06123
480	190	0.06124
485	190	0.06124
490	190	0.06127
495	190	0.06123
500	190	0.06126
505	190	0.06125
510	190	0.06123
515	190	0.06125
520	190	0.06125
525	190	0.06121
530	190	0.06122
535	190	0.06121
540	190	0.06124
545	190	0.06123
550	190	0.06125
555	190	0.06122
560	190	0.06124
565	190	0.06125
570	190	0.06124
575	190	0.06122
580	190	0.06124
585	190	0.06122

EM wavele nm	EX wavele nm	R1 MicroAmps
590	190	0.06121
595	190	0.0612
600	190	0.06123
605	190	0.06122
610	190	0.06121
615	190	0.06123
620	190	0.06122
625	190	0.06123
630	190	0.06122
635	190	0.06124
640	190	0.06122
645	190	0.06121
650	190	0.06122
655	190	0.06122
660	190	0.06121
665	190	0.0612
670	190	0.06121
675	190	0.06121
680	190	0.06119
685	190	0.06122
690	190	0.06122
695	190	0.06124
700	190	0.06122
705	190	0.06126
710	190	0.06122
715	190	0.06123
720	190	0.06118
725	190	0.06121
730	190	0.06122
735	190	0.06118
740	190	0.0612
745	190	0.06119
750	190	0.06119
755	190	0.06122
760	190	0.0612
765	190	0.06124
770	190	0.06125
775	190	0.06125
780	190	0.06123
785	190	0.06125
790	190	0.06124
795	190	0.06124
800	190	0.06127
805	190	0.06124
810	190	0.06124
815	190	0.06125
820	190	0.06126
825	190	0.06124
830	190	0.06125
835	190	0.06124
840	190	0.06126
845	190	0.06123
850	190	0.06121
855	190	0.06122
860	190	0.06124
865	190	0.06121
870	190	0.06122
875	190	0.06124
880	190	0.06126
885	190	0.06125
890	190	0.06122
895	190	0.06124
900	190	0.06123
905	190	0.06123

EM wavele nm	EX wavele nm	R1 MicroAmps
910	190	0.06125
915	190	0.06124
920	190	0.06124
925	190	0.06124
930	190	0.0612
935	190	0.06122
940	190	0.06122
945	190	0.06119
950	190	0.06121
955	190	0.06123
960	190	0.06122
965	190	0.06123
970	190	0.06126
975	190	0.06126
980	190	0.06126
985	190	0.06128
990	190	0.06124
995	190	0.06124
1000	190	0.06124
1005	190	0.06124
1010	190	0.06126
1015	190	0.06127
1020	190	0.06126
1025	190	0.06125
1030	190	0.06126
1035	190	0.06125
1040	190	0.06124
1045	190	0.06121
1050	190	0.0612
1055	190	0.06122
1060	190	0.06121
1065	190	0.06126
1070	190	0.06124
1075	190	0.06123
1080	190	0.06125
1085	190	0.06126
1090	190	0.06125
1095	190	0.06124
1100	190	0.06127
1105	190	0.06127
1110	190	0.06126
1115	190	0.06124
1120	190	0.06123
1125	190	0.06126
1130	190	0.06123
1135	190	0.06124
1140	190	0.06124
1145	190	0.06125
1150	190	0.06126
0	195	0.0613
5	195	0.06128
10	195	0.06127
15	195	0.06126
20	195	0.06126
25	195	0.06124
30	195	0.06125
35	195	0.06125
40	195	0.06123
45	195	0.06124
50	195	0.06124
55	195	0.06122
60	195	0.06126
65	195	0.06124
70	195	0.06122

EM wavele nm	EX wavele nm	R1 MicroAmps
75	195	0.06124
80	195	0.06126
85	195	0.06125
90	195	0.06125
95	195	0.06124
100	195	0.06126
105	195	0.06124
110	195	0.06126
115	195	0.06126
120	195	0.06123
125	195	0.06124
130	195	0.06125
135	195	0.06124
140	195	0.06124
145	195	0.06127
150	195	0.06126
155	195	0.0613
160	195	0.06125
165	195	0.06127
170	195	0.06124
175	195	0.06121
180	195	0.06126
185	195	0.06123
190	195	0.06126
195	195	0.06126
200	195	0.06127
205	195	0.06126
210	195	0.06126
215	195	0.06128
220	195	0.06127
225	195	0.06127
230	195	0.06124
235	195	0.06124
240	195	0.06124
245	195	0.06124
250	195	0.06127
255	195	0.06125
260	195	0.06125
265	195	0.06127
270	195	0.06127
275	195	0.06126
280	195	0.06126
285	195	0.06127
290	195	0.06126
295	195	0.06124
300	195	0.06128
305	195	0.06128
310	195	0.06127
315	195	0.06129
320	195	0.06126
325	195	0.06127
330	195	0.06128
335	195	0.06128
340	195	0.06127
345	195	0.06128
350	195	0.06127
355	195	0.06127
360	195	0.06125
365	195	0.06126
370	195	0.06132
375	195	0.06129
380	195	0.06131
385	195	0.0613
390	195	0.06131

EM wavele nm	EX wavele nm	R1 MicroAmps
395	195	0.06131
400	195	0.06131
405	195	0.0613
410	195	0.06131
415	195	0.06129
420	195	0.0613
425	195	0.06131
430	195	0.06129
435	195	0.06131
440	195	0.0613
445	195	0.06128
450	195	0.06131
455	195	0.06129
460	195	0.06129
465	195	0.06133
470	195	0.06132
475	195	0.06131
480	195	0.06129
485	195	0.06131
490	195	0.06133
495	195	0.06129
500	195	0.06131
505	195	0.06131
510	195	0.06131
515	195	0.0613
520	195	0.06131
525	195	0.06129
530	195	0.06128
535	195	0.0613
540	195	0.06128
545	195	0.06128
550	195	0.06126
555	195	0.06128
560	195	0.06126
565	195	0.06126
570	195	0.06126
575	195	0.06126
580	195	0.06127
585	195	0.06127
590	195	0.06129
595	195	0.06128
600	195	0.06126
605	195	0.06128
610	195	0.06129
615	195	0.06127
620	195	0.06127
625	195	0.06131
630	195	0.06129
635	195	0.06126
640	195	0.06126
645	195	0.06127
650	195	0.06126
655	195	0.06125
660	195	0.06128
665	195	0.06123
670	195	0.06125
675	195	0.06126
680	195	0.06125
685	195	0.06127
690	195	0.06126
695	195	0.06128
700	195	0.06125
705	195	0.06125
710	195	0.06127

EM wavele nm	EX wavele nm	R1 MicroAmps
715	195	0.06125
720	195	0.06123
725	195	0.06125
730	195	0.06125
735	195	0.06124
740	195	0.06124
745	195	0.06123
750	195	0.06125
755	195	0.06126
760	195	0.06123
765	195	0.06125
770	195	0.06125
775	195	0.06124
780	195	0.06125
785	195	0.06123
790	195	0.06128
795	195	0.06128
800	195	0.06126
805	195	0.06126
810	195	0.06126
815	195	0.06125
820	195	0.06124
825	195	0.06123
830	195	0.06123
835	195	0.06124
840	195	0.06124
845	195	0.06123
850	195	0.06124
855	195	0.06124
860	195	0.06127
865	195	0.06127
870	195	0.06127
875	195	0.06124
880	195	0.06122
885	195	0.06124
890	195	0.06126
895	195	0.06122
900	195	0.06127
905	195	0.06124
910	195	0.06126
915	195	0.06122
920	195	0.06124
925	195	0.06127
930	195	0.06123
935	195	0.06125
940	195	0.06124
945	195	0.06123
950	195	0.06124
955	195	0.06124
960	195	0.06123
965	195	0.06123
970	195	0.06123
975	195	0.06125
980	195	0.06126
985	195	0.06129
990	195	0.06126
995	195	0.06127
1000	195	0.06128
1005	195	0.06125
1010	195	0.06127
1015	195	0.06126
1020	195	0.06129
1025	195	0.06128
1030	195	0.06128

EM wavele nm	EX wavele nm	R1 MicroAmps
1035	195	0.06125
1040	195	0.06125
1045	195	0.06127
1050	195	0.06127
1055	195	0.06126
1060	195	0.06127
1065	195	0.06127
1070	195	0.06128
1075	195	0.06128
1080	195	0.06128
1085	195	0.06124
1090	195	0.06128
1095	195	0.06127
1100	195	0.06126
1105	195	0.06128
1110	195	0.06129
1115	195	0.06129
1120	195	0.06129
1125	195	0.06127
1130	195	0.06124
1135	195	0.06128
1140	195	0.06125
1145	195	0.06126
1150	195	0.06125
0	200	0.06131
5	200	0.06131
10	200	0.0613
15	200	0.0613
20	200	0.06128
25	200	0.06127
30	200	0.06128
35	200	0.06129
40	200	0.06127
45	200	0.06127
50	200	0.06127
55	200	0.06127
60	200	0.06125
65	200	0.06126
70	200	0.06129
75	200	0.06126
80	200	0.06131
85	200	0.06128
90	200	0.06129
95	200	0.06134
100	200	0.06129
105	200	0.06132
110	200	0.06131
115	200	0.06129
120	200	0.06127
125	200	0.06128
130	200	0.06129
135	200	0.06132
140	200	0.06131
145	200	0.06133
150	200	0.0613
155	200	0.06129
160	200	0.0613
165	200	0.0613
170	200	0.06129
175	200	0.0613
180	200	0.06129
185	200	0.06127
190	200	0.06127
195	200	0.06129

EM wavele nm	EX wavele nm	R1 MicroAmps
200	200	0.06129
205	200	0.06128
210	200	0.06131
215	200	0.0613
220	200	0.06129
225	200	0.0613
230	200	0.06129
235	200	0.06125
240	200	0.06126
245	200	0.06129
250	200	0.06125
255	200	0.0613
260	200	0.06128
265	200	0.06129
270	200	0.06129
275	200	0.0613
280	200	0.06127
285	200	0.06127
290	200	0.0613
295	200	0.06128
300	200	0.0613
305	200	0.06131
310	200	0.06132
315	200	0.06132
320	200	0.06133
325	200	0.06132
330	200	0.06129
335	200	0.06131
340	200	0.06129
345	200	0.06131
350	200	0.06133
355	200	0.0613
360	200	0.06131
365	200	0.0613
370	200	0.06132
375	200	0.06131
380	200	0.06132
385	200	0.06135
390	200	0.06132
395	200	0.06134
400	200	0.06132
405	200	0.06134
410	200	0.06132
415	200	0.06134
420	200	0.06132
425	200	0.06131
430	200	0.06131
435	200	0.06131
440	200	0.06132
445	200	0.0613
450	200	0.06131
455	200	0.06134
460	200	0.06129
465	200	0.06135
470	200	0.06132
475	200	0.06132
480	200	0.06131
485	200	0.0613
490	200	0.0613
495	200	0.06131
500	200	0.06131
505	200	0.06132
510	200	0.06131
515	200	0.06132

EM wavele nm	EX wavele nm	R1 MicroAmps
520	200	0.06132
525	200	0.06132
530	200	0.06133
535	200	0.06133
540	200	0.06132
545	200	0.06129
550	200	0.06128
555	200	0.06131
560	200	0.06132
565	200	0.06128
570	200	0.06131
575	200	0.06129
580	200	0.06127
585	200	0.06132
590	200	0.06129
595	200	0.06131
600	200	0.06132
605	200	0.0613
610	200	0.06132
615	200	0.0613
620	200	0.06133
625	200	0.06131
630	200	0.06126
635	200	0.06128
640	200	0.06128
645	200	0.0613
650	200	0.06127
655	200	0.06128
660	200	0.06129
665	200	0.06124
670	200	0.06124
675	200	0.06125
680	200	0.06124
685	200	0.06125
690	200	0.06127
695	200	0.06127
700	200	0.06129
705	200	0.06129
710	200	0.06129
715	200	0.0613
720	200	0.0613
725	200	0.06127
730	200	0.0613
735	200	0.06131
740	200	0.06129
745	200	0.06128
750	200	0.06131
755	200	0.06128
760	200	0.06131
765	200	0.06128
770	200	0.06127
775	200	0.06129
780	200	0.06127
785	200	0.06132
790	200	0.06131
795	200	0.06132
800	200	0.06133
805	200	0.06131
810	200	0.06131
815	200	0.06129
820	200	0.06128
825	200	0.06126
830	200	0.06128
835	200	0.06129

EM wavele nm	EX wavele nm	R1 MicroAmps
840	200	0.0613
845	200	0.06132
850	200	0.06131
855	200	0.06129
860	200	0.06131
865	200	0.06131
870	200	0.06131
875	200	0.06129
880	200	0.0613
885	200	0.06131
890	200	0.06127
895	200	0.06129
900	200	0.06129
905	200	0.06129
910	200	0.0613
915	200	0.06128
920	200	0.06129
925	200	0.0613
930	200	0.06128
935	200	0.06132
940	200	0.0613
945	200	0.06132
950	200	0.0613
955	200	0.06129
960	200	0.06129
965	200	0.06128
970	200	0.06128
975	200	0.06127
980	200	0.06129
985	200	0.06126
990	200	0.06128
995	200	0.06129
1000	200	0.06129
1005	200	0.0613
1010	200	0.06129
1015	200	0.06127
1020	200	0.06129
1025	200	0.06128
1030	200	0.0613
1035	200	0.06131
1040	200	0.06131
1045	200	0.06132
1050	200	0.06129
1055	200	0.06132
1060	200	0.06129
1065	200	0.06129
1070	200	0.06127
1075	200	0.06125
1080	200	0.06129
1085	200	0.06127
1090	200	0.06126
1095	200	0.06127
1100	200	0.06127
1105	200	0.06128
1110	200	0.06129
1115	200	0.06129
1120	200	0.06127
1125	200	0.06126
1130	200	0.06127
1135	200	0.06129
1140	200	0.06126
1145	200	0.06127
1150	200	0.0613
0	205	0.06141

EM wavele nm	EX wavele nm	R1 MicroAmps
5	205	0.06141
10	205	0.06142
15	205	0.06142
20	205	0.06143
25	205	0.06141
30	205	0.06143
35	205	0.0614
40	205	0.06141
45	205	0.06144
50	205	0.06143
55	205	0.06145
60	205	0.06142
65	205	0.06144
70	205	0.06143
75	205	0.06144
80	205	0.06146
85	205	0.06146
90	205	0.06143
95	205	0.06143
100	205	0.06141
105	205	0.06144
110	205	0.06143
115	205	0.06142
120	205	0.06144
125	205	0.06144
130	205	0.06144
135	205	0.06145
140	205	0.06146
145	205	0.06144
150	205	0.06146
155	205	0.06144
160	205	0.06145
165	205	0.06144
170	205	0.06145
175	205	0.06143
180	205	0.0614
185	205	0.06143
190	205	0.0614
195	205	0.0614
200	205	0.06142
205	205	0.0614
210	205	0.06139
215	205	0.06142
220	205	0.06143
225	205	0.06143
230	205	0.06144
235	205	0.06145
240	205	0.06145
245	205	0.06144
250	205	0.06146
255	205	0.06144
260	205	0.06146
265	205	0.06143
270	205	0.06143
275	205	0.06143
280	205	0.06145
285	205	0.06142
290	205	0.06143
295	205	0.06143
300	205	0.06141
305	205	0.06141
310	205	0.06141
315	205	0.06141
320	205	0.06143

EM wavele nm	EX wavele nm	R1 MicroAmps
325	205	0.06143
330	205	0.06141
335	205	0.06142
340	205	0.06143
345	205	0.06143
350	205	0.06143
355	205	0.06143
360	205	0.06143
365	205	0.06142
370	205	0.06143
375	205	0.06143
380	205	0.06143
385	205	0.06143
390	205	0.06142
395	205	0.0614
400	205	0.06141
405	205	0.06137
410	205	0.06139
415	205	0.0614
420	205	0.06142
425	205	0.06142
430	205	0.06144
435	205	0.06144
440	205	0.06143
445	205	0.06143
450	205	0.06142
455	205	0.06142
460	205	0.06142
465	205	0.06145
470	205	0.06144
475	205	0.06141
480	205	0.06145
485	205	0.06142
490	205	0.06143
495	205	0.06144
500	205	0.06143
505	205	0.06144
510	205	0.06145
515	205	0.06145
520	205	0.06145
525	205	0.06148
530	205	0.06145
535	205	0.06147
540	205	0.06143
545	205	0.06145
550	205	0.06144
555	205	0.06143
560	205	0.06143
565	205	0.06144
570	205	0.06142
575	205	0.06143
580	205	0.06142
585	205	0.06139
590	205	0.06141
595	205	0.06138
600	205	0.06139
605	205	0.0614
610	205	0.06142
615	205	0.06143
620	205	0.06141
625	205	0.06142
630	205	0.06145
635	205	0.06144
640	205	0.06145

EM wavele nm	EX wavele nm	R1 MicroAmps
645	205	0.06144
650	205	0.06143
655	205	0.06143
660	205	0.06142
665	205	0.06145
670	205	0.06146
675	205	0.06143
680	205	0.06145
685	205	0.06145
690	205	0.06144
695	205	0.06145
700	205	0.06145
705	205	0.06147
710	205	0.06144
715	205	0.06146
720	205	0.06145
725	205	0.06145
730	205	0.06146
735	205	0.06145
740	205	0.06144
745	205	0.06143
750	205	0.06143
755	205	0.06145
760	205	0.06143
765	205	0.06141
770	205	0.06142
775	205	0.06142
780	205	0.06143
785	205	0.06139
790	205	0.06142
795	205	0.06144
800	205	0.06141
805	205	0.06139
810	205	0.0614
815	205	0.06141
820	205	0.06144
825	205	0.06144
830	205	0.06148
835	205	0.06145
840	205	0.06147
845	205	0.06146
850	205	0.06146
855	205	0.06143
860	205	0.06144
865	205	0.06144
870	205	0.06143
875	205	0.06144
880	205	0.06145
885	205	0.06145
890	205	0.06148
895	205	0.06145
900	205	0.06142
905	205	0.06143
910	205	0.06144
915	205	0.0614
920	205	0.06142
925	205	0.06145
930	205	0.06144
935	205	0.06144
940	205	0.06143
945	205	0.06142
950	205	0.06145
955	205	0.06144
960	205	0.06141

EM wavele nm	EX wavele nm	R1 MicroAmps
965	205	0.06145
970	205	0.06145
975	205	0.06146
980	205	0.06142
985	205	0.06144
990	205	0.06147
995	205	0.06144
1000	205	0.06147
1005	205	0.06144
1010	205	0.06144
1015	205	0.06145
1020	205	0.06145
1025	205	0.06145
1030	205	0.06143
1035	205	0.06146
1040	205	0.06144
1045	205	0.06144
1050	205	0.06147
1055	205	0.06149
1060	205	0.06147
1065	205	0.06147
1070	205	0.06147
1075	205	0.0615
1080	205	0.06148
1085	205	0.06148
1090	205	0.06147
1095	205	0.06146
1100	205	0.06146
1105	205	0.06145
1110	205	0.06148
1115	205	0.06147
1120	205	0.06144
1125	205	0.06145
1130	205	0.06147
1135	205	0.06144
1140	205	0.06147
1145	205	0.06148
1150	205	0.06147
0	210	0.06162
5	210	0.06165
10	210	0.06163
15	210	0.06163
20	210	0.06164
25	210	0.06163
30	210	0.06161
35	210	0.06164
40	210	0.06159
45	210	0.06164
50	210	0.06163
55	210	0.06165
60	210	0.06164
65	210	0.06162
70	210	0.06164
75	210	0.0616
80	210	0.06163
85	210	0.06162
90	210	0.06159
95	210	0.06161
100	210	0.06159
105	210	0.06159
110	210	0.06163
115	210	0.06163
120	210	0.06163
125	210	0.06162

EM wavele nm	EX wavele nm	R1 MicroAmps
130	210	0.06164
135	210	0.06163
140	210	0.06163
145	210	0.06165
150	210	0.06167
155	210	0.06164
160	210	0.06165
165	210	0.06166
170	210	0.06165
175	210	0.06165
180	210	0.0617
185	210	0.06164
190	210	0.06165
195	210	0.06164
200	210	0.0616
205	210	0.06162
210	210	0.06164
215	210	0.06162
220	210	0.06163
225	210	0.06163
230	210	0.06165
235	210	0.06163
240	210	0.06162
245	210	0.06165
250	210	0.06161
255	210	0.06162
260	210	0.06163
265	210	0.06162
270	210	0.06164
275	210	0.06163
280	210	0.06161
285	210	0.06162
290	210	0.06163
295	210	0.06162
300	210	0.06164
305	210	0.0616
310	210	0.06166
315	210	0.06161
320	210	0.06162
325	210	0.06164
330	210	0.0616
335	210	0.06162
340	210	0.06162
345	210	0.06163
350	210	0.06158
355	210	0.06161
360	210	0.0616
365	210	0.06162
370	210	0.06158
375	210	0.0616
380	210	0.06161
385	210	0.06157
390	210	0.06163
395	210	0.06161
400	210	0.06162
405	210	0.0616
410	210	0.0616
415	210	0.06162
420	210	0.06164
425	210	0.06163
430	210	0.06164
435	210	0.06167
440	210	0.06164
445	210	0.06165

EM wavele nm	EX wavele nm	R1 MicroAmps
450	210	0.06161
455	210	0.06161
460	210	0.0616
465	210	0.0616
470	210	0.06161
475	210	0.06162
480	210	0.06161
485	210	0.06161
490	210	0.06163
495	210	0.06164
500	210	0.06163
505	210	0.06162
510	210	0.06162
515	210	0.06162
520	210	0.06161
525	210	0.0616
530	210	0.0616
535	210	0.06161
540	210	0.0616
545	210	0.06161
550	210	0.06162
555	210	0.06162
560	210	0.06168
565	210	0.06166
570	210	0.06167
575	210	0.06163
580	210	0.06166
585	210	0.06165
590	210	0.06161
595	210	0.06164
600	210	0.06163
605	210	0.06162
610	210	0.06163
615	210	0.06165
620	210	0.06165
625	210	0.06165
630	210	0.06162
635	210	0.06166
640	210	0.06165
645	210	0.06165
650	210	0.06167
655	210	0.06164
660	210	0.06167
665	210	0.06164
670	210	0.06164
675	210	0.06163
680	210	0.06163
685	210	0.06166
690	210	0.06163
695	210	0.06166
700	210	0.06165
705	210	0.06164
710	210	0.06167
715	210	0.06164
720	210	0.06166
725	210	0.06166
730	210	0.06163
735	210	0.06163
740	210	0.0616
745	210	0.06161
750	210	0.0616
755	210	0.06161
760	210	0.06163
765	210	0.0616

EM wavele nm	EX wavele nm	R1 MicroAmps
770	210	0.06162
775	210	0.06161
780	210	0.0616
785	210	0.0616
790	210	0.06161
795	210	0.06164
800	210	0.06162
805	210	0.06163
810	210	0.06164
815	210	0.0616
820	210	0.06164
825	210	0.06163
830	210	0.0616
835	210	0.06163
840	210	0.06162
845	210	0.06162
850	210	0.06162
855	210	0.06163
860	210	0.06163
865	210	0.06163
870	210	0.06164
875	210	0.06163
880	210	0.0616
885	210	0.06162
890	210	0.06158
895	210	0.0616
900	210	0.06161
905	210	0.06158
910	210	0.06157
915	210	0.06158
920	210	0.0616
925	210	0.06157
930	210	0.0616
935	210	0.06161
940	210	0.06159
945	210	0.06165
950	210	0.0616
955	210	0.06161
960	210	0.06162
965	210	0.06163
970	210	0.06165
975	210	0.06163
980	210	0.06162
985	210	0.06159
990	210	0.06158
995	210	0.06157
1000	210	0.06155
1005	210	0.06158
1010	210	0.0616
1015	210	0.0616
1020	210	0.06159
1025	210	0.0616
1030	210	0.06161
1035	210	0.06164
1040	210	0.06162
1045	210	0.06162
1050	210	0.06161
1055	210	0.06162
1060	210	0.0616
1065	210	0.06159
1070	210	0.06157
1075	210	0.06157
1080	210	0.06161
1085	210	0.06161

EM wavele nm	EX wavele nm	R1 MicroAmps
1090	210	0.06163
1095	210	0.06164
1100	210	0.06164
1105	210	0.06164
1110	210	0.06162
1115	210	0.06164
1120	210	0.06161
1125	210	0.06165
1130	210	0.06162
1135	210	0.06161
1140	210	0.0616
1145	210	0.06163
1150	210	0.06165
0	215	0.06194
5	215	0.06192
10	215	0.06194
15	215	0.06193
20	215	0.06194
25	215	0.06195
30	215	0.06193
35	215	0.06196
40	215	0.06196
45	215	0.06196
50	215	0.06194
55	215	0.06195
60	215	0.06191
65	215	0.06192
70	215	0.06192
75	215	0.06188
80	215	0.0619
85	215	0.06189
90	215	0.06189
95	215	0.06191
100	215	0.06195
105	215	0.06193
110	215	0.06195
115	215	0.06195
120	215	0.06195
125	215	0.06196
130	215	0.06194
135	215	0.06195
140	215	0.06194
145	215	0.06195
150	215	0.06195
155	215	0.06195
160	215	0.06195
165	215	0.06197
170	215	0.06196
175	215	0.06195
180	215	0.06195
185	215	0.06192
190	215	0.06194
195	215	0.06194
200	215	0.06197
205	215	0.06199
210	215	0.06196
215	215	0.06199
220	215	0.06197
225	215	0.06197
230	215	0.06199
235	215	0.06198
240	215	0.06195
245	215	0.062
250	215	0.06195

EM wavele nm	EX wavele nm	R1 MicroAmps
255	215	0.06197
260	215	0.06197
265	215	0.06198
270	215	0.06197
275	215	0.06197
280	215	0.06197
285	215	0.06197
290	215	0.06198
295	215	0.06198
300	215	0.06196
305	215	0.06195
310	215	0.06197
315	215	0.06194
320	215	0.06197
325	215	0.06196
330	215	0.06199
335	215	0.06196
340	215	0.06196
345	215	0.06196
350	215	0.06195
355	215	0.06193
360	215	0.06193
365	215	0.06198
370	215	0.06194
375	215	0.06195
380	215	0.06196
385	215	0.06196
390	215	0.06192
395	215	0.06194
400	215	0.06195
405	215	0.06191
410	215	0.06195
415	215	0.06192
420	215	0.06191
425	215	0.06194
430	215	0.06191
435	215	0.06192
440	215	0.06194
445	215	0.06194
450	215	0.06194
455	215	0.06195
460	215	0.06194
465	215	0.06195
470	215	0.06194
475	215	0.06195
480	215	0.06198
485	215	0.06196
490	215	0.06196
495	215	0.06199
500	215	0.06196
505	215	0.06195
510	215	0.06196
515	215	0.06195
520	215	0.06191
525	215	0.06197
530	215	0.06193
535	215	0.06192
540	215	0.06194
545	215	0.06192
550	215	0.06193
555	215	0.06193
560	215	0.06194
565	215	0.06195
570	215	0.06195

EM wavele nm	EX wavele nm	R1 MicroAmps
575	215	0.06197
580	215	0.06194
585	215	0.06194
590	215	0.06195
595	215	0.06197
600	215	0.06195
605	215	0.06198
610	215	0.06197
615	215	0.06197
620	215	0.06198
625	215	0.06198
630	215	0.06198
635	215	0.06197
640	215	0.06196
645	215	0.06197
650	215	0.06194
655	215	0.06197
660	215	0.06195
665	215	0.06194
670	215	0.06195
675	215	0.06196
680	215	0.06194
685	215	0.06198
690	215	0.06197
695	215	0.06198
700	215	0.06195
705	215	0.06196
710	215	0.06196
715	215	0.06193
720	215	0.06192
725	215	0.06193
730	215	0.06194
735	215	0.06193
740	215	0.06195
745	215	0.06194
750	215	0.06192
755	215	0.06194
760	215	0.06195
765	215	0.06191
770	215	0.06194
775	215	0.06197
780	215	0.06195
785	215	0.06198
790	215	0.062
795	215	0.06197
800	215	0.06198
805	215	0.06199
810	215	0.06196
815	215	0.06199
820	215	0.06199
825	215	0.06199
830	215	0.06199
835	215	0.06202
840	215	0.06197
845	215	0.06197
850	215	0.06196
855	215	0.06196
860	215	0.06195
865	215	0.06196
870	215	0.06195
875	215	0.06195
880	215	0.06194
885	215	0.06194
890	215	0.06194

EM wavele nm	EX wavele nm	R1 MicroAmps
895	215	0.06195
900	215	0.06192
905	215	0.06191
910	215	0.06195
915	215	0.06189
920	215	0.06193
925	215	0.06195
930	215	0.06196
935	215	0.06195
940	215	0.06195
945	215	0.06197
950	215	0.06194
955	215	0.06193
960	215	0.06196
965	215	0.06196
970	215	0.06197
975	215	0.06198
980	215	0.06197
985	215	0.06196
990	215	0.06197
995	215	0.06196
1000	215	0.06198
1005	215	0.06198
1010	215	0.062
1015	215	0.06199
1020	215	0.06199
1025	215	0.06197
1030	215	0.06195
1035	215	0.06197
1040	215	0.06194
1045	215	0.06197
1050	215	0.06196
1055	215	0.062
1060	215	0.062
1065	215	0.06196
1070	215	0.06197
1075	215	0.06201
1080	215	0.06199
1085	215	0.062
1090	215	0.06199
1095	215	0.06198
1100	215	0.06196
1105	215	0.06196
1110	215	0.06194
1115	215	0.06192
1120	215	0.06191
1125	215	0.06194
1130	215	0.06193
1135	215	0.06194
1140	215	0.06194
1145	215	0.06195
1150	215	0.06205
0	220	0.06305
5	220	0.06306
10	220	0.06304
15	220	0.06305
20	220	0.06306
25	220	0.06305
30	220	0.06305
35	220	0.06305
40	220	0.06306
45	220	0.06306
50	220	0.06304
55	220	0.06305

EM wavele nm	EX wavele nm	R1 MicroAmps
60	220	0.06304
65	220	0.06304
70	220	0.06307
75	220	0.06307
80	220	0.06307
85	220	0.06309
90	220	0.06308
95	220	0.06306
100	220	0.06306
105	220	0.06304
110	220	0.06307
115	220	0.06308
120	220	0.06308
125	220	0.06309
130	220	0.06308
135	220	0.06306
140	220	0.06307
145	220	0.06307
150	220	0.06308
155	220	0.06309
160	220	0.06305
165	220	0.06309
170	220	0.06308
175	220	0.06305
180	220	0.06306
185	220	0.06305
190	220	0.06309
195	220	0.06305
200	220	0.06309
205	220	0.06308
210	220	0.06305
215	220	0.06308
220	220	0.06308
225	220	0.06306
230	220	0.06308
235	220	0.06311
240	220	0.06309
245	220	0.06308
250	220	0.06308
255	220	0.06307
260	220	0.06309
265	220	0.06306
270	220	0.06309
275	220	0.06308
280	220	0.06306
285	220	0.06307
290	220	0.06306
295	220	0.06305
300	220	0.06306
305	220	0.06309
310	220	0.06308
315	220	0.06306
320	220	0.06305
325	220	0.06307
330	220	0.06305
335	220	0.06305
340	220	0.06306
345	220	0.06304
350	220	0.06302
355	220	0.06301
360	220	0.06297
365	220	0.06299
370	220	0.06299
375	220	0.06298

EM wavele nm	EX wavele nm	R1 MicroAmps
380	220	0.06299
385	220	0.06298
390	220	0.06303
395	220	0.06303
400	220	0.06303
405	220	0.06305
410	220	0.06301
415	220	0.06303
420	220	0.06303
425	220	0.06301
430	220	0.063
435	220	0.06302
440	220	0.06302
445	220	0.06303
450	220	0.06302
455	220	0.06304
460	220	0.06302
465	220	0.06304
470	220	0.06303
475	220	0.06307
480	220	0.06302
485	220	0.06303
490	220	0.06305
495	220	0.06303
500	220	0.063
505	220	0.06304
510	220	0.06301
515	220	0.063
520	220	0.06301
525	220	0.06301
530	220	0.063
535	220	0.06302
540	220	0.063
545	220	0.06301
550	220	0.06301
555	220	0.06299
560	220	0.06304
565	220	0.06302
570	220	0.06303
575	220	0.06303
580	220	0.06302
585	220	0.06304
590	220	0.06302
595	220	0.063
600	220	0.063
605	220	0.063
610	220	0.06295
615	220	0.06297
620	220	0.06299
625	220	0.06296
630	220	0.06298
635	220	0.063
640	220	0.06302
645	220	0.06298
650	220	0.06303
655	220	0.06303
660	220	0.06306
665	220	0.06303
670	220	0.06305
675	220	0.06304
680	220	0.06303
685	220	0.06303
690	220	0.06308
695	220	0.06305

EM wavele nm	EX wavele nm	R1 MicroAmps
700	220	0.06305
705	220	0.06306
710	220	0.06305
715	220	0.06305
720	220	0.063
725	220	0.06299
730	220	0.06302
735	220	0.06301
740	220	0.06304
745	220	0.06301
750	220	0.06304
755	220	0.06301
760	220	0.063
765	220	0.06299
770	220	0.06299
775	220	0.06298
780	220	0.06298
785	220	0.06298
790	220	0.06301
795	220	0.06297
800	220	0.06301
805	220	0.063
810	220	0.06297
815	220	0.06301
820	220	0.06298
825	220	0.06304
830	220	0.06304
835	220	0.06303
840	220	0.06303
845	220	0.06302
850	220	0.063
855	220	0.06301
860	220	0.06302
865	220	0.06301
870	220	0.06299
875	220	0.063
880	220	0.06303
885	220	0.06302
890	220	0.063
895	220	0.063
900	220	0.06303
905	220	0.06302
910	220	0.06304
915	220	0.063
920	220	0.06303
925	220	0.06304
930	220	0.06304
935	220	0.06303
940	220	0.06304
945	220	0.06305
950	220	0.06302
955	220	0.06303
960	220	0.06301
965	220	0.06304
970	220	0.06305
975	220	0.06303
980	220	0.06305
985	220	0.06304
990	220	0.06305
995	220	0.06307
1000	220	0.06304
1005	220	0.06307
1010	220	0.06303
1015	220	0.06304

EM wavele nm	EX wavele nm	R1 MicroAmps
1020	220	0.06304
1025	220	0.06305
1030	220	0.06306
1035	220	0.06304
1040	220	0.06307
1045	220	0.06307
1050	220	0.06307
1055	220	0.06304
1060	220	0.06306
1065	220	0.06305
1070	220	0.06303
1075	220	0.06304
1080	220	0.06305
1085	220	0.06302
1090	220	0.06301
1095	220	0.06301
1100	220	0.06304
1105	220	0.06305
1110	220	0.06307
1115	220	0.06307
1120	220	0.06307
1125	220	0.06305
1130	220	0.06305
1135	220	0.06308
1140	220	0.06307
1145	220	0.06309
1150	220	0.06307
0	225	0.07069
5	225	0.07068
10	225	0.07066
15	225	0.07066
20	225	0.07065
25	225	0.07064
30	225	0.07071
35	225	0.07069
40	225	0.07068
45	225	0.07067
50	225	0.07068
55	225	0.07065
60	225	0.07068
65	225	0.07067
70	225	0.07065
75	225	0.07067
80	225	0.07064
85	225	0.07066
90	225	0.07065
95	225	0.07066
100	225	0.07065
105	225	0.07066
110	225	0.07069
115	225	0.07065
120	225	0.07062
125	225	0.0706
130	225	0.07065
135	225	0.07059
140	225	0.07064
145	225	0.07063
150	225	0.07062
155	225	0.07063
160	225	0.07061
165	225	0.07063
170	225	0.07061
175	225	0.07064
180	225	0.07064

EM wavele nm	EX wavele nm	R1 MicroAmps
185	225	0.07063
190	225	0.07063
195	225	0.07067
200	225	0.07063
205	225	0.07066
210	225	0.07067
215	225	0.07064
220	225	0.07064
225	225	0.07067
230	225	0.07063
235	225	0.07064
240	225	0.07065
245	225	0.07067
250	225	0.07065
255	225	0.07063
260	225	0.07068
265	225	0.07066
270	225	0.07064
275	225	0.07066
280	225	0.07066
285	225	0.07065
290	225	0.07062
295	225	0.07062
300	225	0.07058
305	225	0.07063
310	225	0.07063
315	225	0.07063
320	225	0.07063
325	225	0.07063
330	225	0.07064
335	225	0.07062
340	225	0.07067
345	225	0.07065
350	225	0.07064
355	225	0.07065
360	225	0.07068
365	225	0.07064
370	225	0.07069
375	225	0.07066
380	225	0.07065
385	225	0.07063
390	225	0.07062
395	225	0.07062
400	225	0.07058
405	225	0.07061
410	225	0.0706
415	225	0.07061
420	225	0.07062
425	225	0.07065
430	225	0.07062
435	225	0.07064
440	225	0.07064
445	225	0.07064
450	225	0.07064
455	225	0.07061
460	225	0.07068
465	225	0.07063
470	225	0.07065
475	225	0.07064
480	225	0.07063
485	225	0.07061
490	225	0.07063
495	225	0.07059
500	225	0.07064

EM wavele nm	EX wavele nm	R1 MicroAmps
505	225	0.07058
510	225	0.07061
515	225	0.07062
520	225	0.07057
525	225	0.07061
530	225	0.07062
535	225	0.07059
540	225	0.07065
545	225	0.07065
550	225	0.07061
555	225	0.07064
560	225	0.07061
565	225	0.07061
570	225	0.07062
575	225	0.07062
580	225	0.07066
585	225	0.07062
590	225	0.07063
595	225	0.07064
600	225	0.07062
605	225	0.07063
610	225	0.07059
615	225	0.07065
620	225	0.07061
625	225	0.07063
630	225	0.07064
635	225	0.07061
640	225	0.0706
645	225	0.07062
650	225	0.07059
655	225	0.07063
660	225	0.0706
665	225	0.0706
670	225	0.07063
675	225	0.07062
680	225	0.07063
685	225	0.07063
690	225	0.07065
695	225	0.07067
700	225	0.07065
705	225	0.07066
710	225	0.07067
715	225	0.07064
720	225	0.07064
725	225	0.07062
730	225	0.07064
735	225	0.07063
740	225	0.07063
745	225	0.07058
750	225	0.07063
755	225	0.07063
760	225	0.07063
765	225	0.07062
770	225	0.07065
775	225	0.07063
780	225	0.07066
785	225	0.07062
790	225	0.0706
795	225	0.07064
800	225	0.07059
805	225	0.07061
810	225	0.07061
815	225	0.07061
820	225	0.07061

EM wavele nm	EX wavele nm	R1 MicroAmps
825	225	0.0706
830	225	0.07064
835	225	0.07063
840	225	0.07062
845	225	0.07063
850	225	0.07059
855	225	0.07062
860	225	0.0706
865	225	0.0706
870	225	0.0706
875	225	0.0706
880	225	0.07059
885	225	0.07061
890	225	0.07063
895	225	0.07062
900	225	0.07066
905	225	0.07063
910	225	0.07064
915	225	0.07065
920	225	0.07064
925	225	0.07062
930	225	0.07064
935	225	0.07066
940	225	0.07064
945	225	0.0706
950	225	0.07061
955	225	0.07063
960	225	0.07066
965	225	0.07066
970	225	0.07063
975	225	0.07063
980	225	0.07063
985	225	0.07063
990	225	0.07067
995	225	0.07066
1000	225	0.07066
1005	225	0.07067
1010	225	0.07063
1015	225	0.07064
1020	225	0.07063
1025	225	0.07063
1030	225	0.07062
1035	225	0.07063
1040	225	0.07065
1045	225	0.07065
1050	225	0.07063
1055	225	0.07062
1060	225	0.07061
1065	225	0.07063
1070	225	0.07062
1075	225	0.0706
1080	225	0.07062
1085	225	0.07062
1090	225	0.07063
1095	225	0.07062
1100	225	0.07063
1105	225	0.07063
1110	225	0.07066
1115	225	0.07065
1120	225	0.07065
1125	225	0.07066
1130	225	0.07065
1135	225	0.07063
1140	225	0.07067

EM wavele nm	EX wavele nm	R1 MicroAmps
1145	225	0.07067
1150	225	0.07065
0	230	0.11029
5	230	0.11025
10	230	0.11025
15	230	0.11027
20	230	0.11021
25	230	0.11013
30	230	0.11015
35	230	0.11016
40	230	0.11015
45	230	0.11021
50	230	0.11014
55	230	0.11019
60	230	0.11014
65	230	0.11019
70	230	0.11018
75	230	0.11013
80	230	0.11016
85	230	0.11017
90	230	0.11014
95	230	0.11012
100	230	0.11009
105	230	0.11002
110	230	0.11006
115	230	0.11008
120	230	0.11006
125	230	0.11012
130	230	0.11019
135	230	0.11021
140	230	0.11031
145	230	0.11028
150	230	0.11025
155	230	0.11026
160	230	0.11024
165	230	0.11023
170	230	0.11028
175	230	0.11025
180	230	0.11022
185	230	0.11021
190	230	0.11019
195	230	0.11024
200	230	0.11018
205	230	0.11023
210	230	0.11017
215	230	0.11019
220	230	0.11022
225	230	0.11025
230	230	0.11017
235	230	0.11027
240	230	0.11027
245	230	0.11025
250	230	0.1103
255	230	0.11024
260	230	0.11018
265	230	0.11023
270	230	0.11019
275	230	0.11026
280	230	0.11024
285	230	0.11018
290	230	0.11024
295	230	0.11021
300	230	0.1102
305	230	0.11027

EM wavele nm	EX wavele nm	R1 MicroAmps
310	230	0.11018
315	230	0.11018
320	230	0.11027
325	230	0.11016
330	230	0.11024
335	230	0.11029
340	230	0.11028
345	230	0.11035
350	230	0.11032
355	230	0.11029
360	230	0.11037
365	230	0.11029
370	230	0.11033
375	230	0.11033
380	230	0.11027
385	230	0.11031
390	230	0.11035
395	230	0.11031
400	230	0.11038
405	230	0.11032
410	230	0.1103
415	230	0.11036
420	230	0.1103
425	230	0.11033
430	230	0.11037
435	230	0.11031
440	230	0.11029
445	230	0.11029
450	230	0.11036
455	230	0.11035
460	230	0.11029
465	230	0.11031
470	230	0.11027
475	230	0.11028
480	230	0.11029
485	230	0.1103
490	230	0.11024
495	230	0.11029
500	230	0.11031
505	230	0.11028
510	230	0.11035
515	230	0.11032
520	230	0.11034
525	230	0.11026
530	230	0.11029
535	230	0.11034
540	230	0.11025
545	230	0.11034
550	230	0.11023
555	230	0.11033
560	230	0.11028
565	230	0.11029
570	230	0.11033
575	230	0.11033
580	230	0.11028
585	230	0.11035
590	230	0.11039
595	230	0.11036
600	230	0.11037
605	230	0.11042
610	230	0.11041
615	230	0.11044
620	230	0.11032
625	230	0.11034

EM wavele nm	EX wavele nm	R1 MicroAmps
630	230	0.11028
635	230	0.11031
640	230	0.11035
645	230	0.11034
650	230	0.11037
655	230	0.11034
660	230	0.11042
665	230	0.11045
670	230	0.11045
675	230	0.11043
680	230	0.11041
685	230	0.11039
690	230	0.11045
695	230	0.11038
700	230	0.11045
705	230	0.11042
710	230	0.11038
715	230	0.11038
720	230	0.11033
725	230	0.1104
730	230	0.11029
735	230	0.11042
740	230	0.1104
745	230	0.11041
750	230	0.11041
755	230	0.11035
760	230	0.11034
765	230	0.11045
770	230	0.11037
775	230	0.1104
780	230	0.11036
785	230	0.11039
790	230	0.11039
795	230	0.11034
800	230	0.11038
805	230	0.11039
810	230	0.11035
815	230	0.11037
820	230	0.11031
825	230	0.11035
830	230	0.11039
835	230	0.11028
840	230	0.1103
845	230	0.11026
850	230	0.11034
855	230	0.11029
860	230	0.11035
865	230	0.11039
870	230	0.11037
875	230	0.11042
880	230	0.11044
885	230	0.11043
890	230	0.11041
895	230	0.1104
900	230	0.11036
905	230	0.11038
910	230	0.11037
915	230	0.11033
920	230	0.11031
925	230	0.11033
930	230	0.11034
935	230	0.11031
940	230	0.11041
945	230	0.11031

EM wavele nm	EX wavele nm	R1 MicroAmps
950	230	0.11038
955	230	0.11042
960	230	0.11042
965	230	0.11054
970	230	0.11045
975	230	0.11043
980	230	0.11045
985	230	0.11047
990	230	0.11049
995	230	0.11036
1000	230	0.1105
1005	230	0.11045
1010	230	0.11044
1015	230	0.11038
1020	230	0.11043
1025	230	0.11047
1030	230	0.11038
1035	230	0.11041
1040	230	0.11037
1045	230	0.1103
1050	230	0.11037
1055	230	0.11032
1060	230	0.11032
1065	230	0.11028
1070	230	0.11033
1075	230	0.11033
1080	230	0.11034
1085	230	0.11042
1090	230	0.11044
1095	230	0.11041
1100	230	0.11044
1105	230	0.11044
1110	230	0.11043
1115	230	0.11031
1120	230	0.11039
1125	230	0.11039
1130	230	0.11046
1135	230	0.11039
1140	230	0.11047
1145	230	0.11038
1150	230	0.11035
0	235	0.23418
5	235	0.2345
10	235	0.23433
15	235	0.23443
20	235	0.23447
25	235	0.23422
30	235	0.23445
35	235	0.23442
40	235	0.23455
45	235	0.23439
50	235	0.23459
55	235	0.23447
60	235	0.23456
65	235	0.23465
70	235	0.23454
75	235	0.23458
80	235	0.23449
85	235	0.23463
90	235	0.23463
95	235	0.23462
100	235	0.23457
105	235	0.23452
110	235	0.23451

EM wavele nm	EX wavele nm	R1 MicroAmps
115	235	0.23455
120	235	0.23459
125	235	0.23449
130	235	0.23458
135	235	0.23457
140	235	0.23444
145	235	0.23449
150	235	0.23452
155	235	0.23437
160	235	0.2344
165	235	0.23438
170	235	0.2343
175	235	0.23437
180	235	0.23445
185	235	0.23443
190	235	0.23454
195	235	0.23438
200	235	0.23446
205	235	0.23433
210	235	0.23443
215	235	0.23443
220	235	0.23451
225	235	0.23442
230	235	0.23438
235	235	0.23449
240	235	0.23442
245	235	0.23459
250	235	0.2344
255	235	0.2346
260	235	0.23436
265	235	0.23433
270	235	0.2345
275	235	0.23449
280	235	0.2342
285	235	0.23461
290	235	0.23438
295	235	0.23437
300	235	0.2346
305	235	0.23433
310	235	0.23458
315	235	0.23456
320	235	0.23439
325	235	0.23467
330	235	0.23426
335	235	0.23442
340	235	0.23446
345	235	0.23418
350	235	0.23447
355	235	0.23429
360	235	0.23451
365	235	0.2345
370	235	0.23434
375	235	0.23462
380	235	0.23436
385	235	0.23446
390	235	0.23451
395	235	0.23451
400	235	0.23447
405	235	0.2345
410	235	0.23445
415	235	0.23434
420	235	0.23436
425	235	0.23454
430	235	0.23451

EM wavele nm	EX wavele nm	R1 MicroAmps
435	235	0.23444
440	235	0.23465
445	235	0.23455
450	235	0.23453
455	235	0.23465
460	235	0.23458
465	235	0.23462
470	235	0.2345
475	235	0.23446
480	235	0.23468
485	235	0.23457
490	235	0.23462
495	235	0.23467
500	235	0.23474
505	235	0.23463
510	235	0.23463
515	235	0.23444
520	235	0.2345
525	235	0.23469
530	235	0.23458
535	235	0.23467
540	235	0.23467
545	235	0.23489
550	235	0.23476
555	235	0.23463
560	235	0.23474
565	235	0.23479
570	235	0.23462
575	235	0.23462
580	235	0.23455
585	235	0.23471
590	235	0.23463
595	235	0.23465
600	235	0.23469
605	235	0.23461
610	235	0.23438
615	235	0.23454
620	235	0.23461
625	235	0.23457
630	235	0.23471
635	235	0.23458
640	235	0.23478
645	235	0.23466
650	235	0.2346
655	235	0.23475
660	235	0.23466
665	235	0.23454
670	235	0.23466
675	235	0.23459
680	235	0.23455
685	235	0.23453
690	235	0.23463
695	235	0.23467
700	235	0.2348
705	235	0.23489
710	235	0.23473
715	235	0.23486
720	235	0.23496
725	235	0.23492
730	235	0.23479
735	235	0.2348
740	235	0.23478
745	235	0.235
750	235	0.23492

EM wavele nm	EX wavele nm	R1 MicroAmps
755	235	0.23501
760	235	0.23481
765	235	0.23499
770	235	0.23474
775	235	0.23461
780	235	0.23494
785	235	0.2347
790	235	0.2349
795	235	0.23466
800	235	0.23469
805	235	0.23487
810	235	0.23478
815	235	0.23482
820	235	0.23474
825	235	0.23502
830	235	0.2349
835	235	0.23502
840	235	0.23481
845	235	0.23486
850	235	0.23478
855	235	0.23478
860	235	0.23484
865	235	0.23483
870	235	0.23487
875	235	0.23487
880	235	0.23479
885	235	0.2348
890	235	0.23492
895	235	0.23478
900	235	0.23462
905	235	0.23472
910	235	0.23471
915	235	0.23484
920	235	0.23485
925	235	0.23471
930	235	0.23485
935	235	0.2349
940	235	0.23507
945	235	0.23499
950	235	0.23502
955	235	0.23504
960	235	0.23497
965	235	0.23488
970	235	0.23499
975	235	0.23495
980	235	0.23488
985	235	0.23574
990	235	0.23546
995	235	0.23538
1000	235	0.23538
1005	235	0.23531
1010	235	0.23521
1015	235	0.2351
1020	235	0.2352
1025	235	0.23571
1030	235	0.23572
1035	235	0.2357
1040	235	0.23543
1045	235	0.2355
1050	235	0.23519
1055	235	0.23529
1060	235	0.23515
1065	235	0.235
1070	235	0.23519

EM wavele nm	EX wavele nm	R1 MicroAmps
1075	235	0.23524
1080	235	0.23519
1085	235	0.2352
1090	235	0.23506
1095	235	0.23502
1100	235	0.23599
1105	235	0.23561
1110	235	0.23589
1115	235	0.23576
1120	235	0.23562
1125	235	0.23557
1130	235	0.23559
1135	235	0.23553
1140	235	0.23535
1145	235	0.23522
1150	235	0.23493
0	240	0.47513
5	240	0.47517
10	240	0.47518
15	240	0.47487
20	240	0.47518
25	240	0.4751
30	240	0.47531
35	240	0.47506
40	240	0.4749
45	240	0.47535
50	240	0.47519
55	240	0.47526
60	240	0.47507
65	240	0.47532
70	240	0.47514
75	240	0.47514
80	240	0.47521
85	240	0.47528
90	240	0.47516
95	240	0.47526
100	240	0.47564
105	240	0.47506
110	240	0.4751
115	240	0.4751
120	240	0.47553
125	240	0.47536
130	240	0.4754
135	240	0.47547
140	240	0.47545
145	240	0.47533
150	240	0.47542
155	240	0.47527
160	240	0.47524
165	240	0.47527
170	240	0.47538
175	240	0.47548
180	240	0.47528
185	240	0.47535
190	240	0.47521
195	240	0.47493
200	240	0.47502
205	240	0.47525
210	240	0.4749
215	240	0.4751
220	240	0.47528
225	240	0.47524
230	240	0.47547
235	240	0.47541

EM wavele nm	EX wavele nm	R1 MicroAmps
240	240	0.47528
245	240	0.47564
250	240	0.47528
255	240	0.47541
260	240	0.47582
265	240	0.47523
270	240	0.47575
275	240	0.47565
280	240	0.47537
285	240	0.47553
290	240	0.47527
295	240	0.47544
300	240	0.47557
305	240	0.47505
310	240	0.47546
315	240	0.47536
320	240	0.47552
325	240	0.47563
330	240	0.47535
335	240	0.47533
340	240	0.47527
345	240	0.47526
350	240	0.47513
355	240	0.47453
360	240	0.47485
365	240	0.47506
370	240	0.4747
375	240	0.4749
380	240	0.47511
385	240	0.47509
390	240	0.47509
395	240	0.47509
400	240	0.47519
405	240	0.47521
410	240	0.47508
415	240	0.47535
420	240	0.47516
425	240	0.47504
430	240	0.47519
435	240	0.47528
440	240	0.47524
445	240	0.4752
450	240	0.47529
455	240	0.47533
460	240	0.47559
465	240	0.47553
470	240	0.47574
475	240	0.47554
480	240	0.47543
485	240	0.47568
490	240	0.47559
495	240	0.47545
500	240	0.47548
505	240	0.47566
510	240	0.47563
515	240	0.47566
520	240	0.47557
525	240	0.47597
530	240	0.47562
535	240	0.47571
540	240	0.47566
545	240	0.47558
550	240	0.47534
555	240	0.47482

EM wavele nm	EX wavele nm	R1 MicroAmps
560	240	0.47526
565	240	0.47506
570	240	0.47491
575	240	0.47518
580	240	0.47526
585	240	0.47541
590	240	0.47527
595	240	0.47504
600	240	0.47538
605	240	0.47518
610	240	0.4749
615	240	0.47532
620	240	0.47512
625	240	0.47527
630	240	0.47509
635	240	0.47505
640	240	0.47534
645	240	0.47522
650	240	0.47513
655	240	0.47519
660	240	0.47529
665	240	0.47542
670	240	0.47487
675	240	0.47525
680	240	0.47516
685	240	0.47513
690	240	0.47526
695	240	0.47466
700	240	0.47504
705	240	0.47508
710	240	0.47516
715	240	0.47523
720	240	0.47546
725	240	0.4754
730	240	0.47542
735	240	0.47481
740	240	0.475
745	240	0.47507
750	240	0.47512
755	240	0.47505
760	240	0.47479
765	240	0.4751
770	240	0.47479
775	240	0.47515
780	240	0.4752
785	240	0.47487
790	240	0.47513
795	240	0.475
800	240	0.47506
805	240	0.47455
810	240	0.47484
815	240	0.47494
820	240	0.47513
825	240	0.4749
830	240	0.47447
835	240	0.47424
840	240	0.47465
845	240	0.47455
850	240	0.47411
855	240	0.4742
860	240	0.47443
865	240	0.47432
870	240	0.47428
875	240	0.47487

EM wavele nm	EX wavele nm	R1 MicroAmps
880	240	0.47464
885	240	0.47478
890	240	0.47499
895	240	0.47454
900	240	0.47497
905	240	0.47459
910	240	0.47454
915	240	0.47431
920	240	0.47436
925	240	0.47466
930	240	0.47439
935	240	0.47425
940	240	0.47449
945	240	0.47433
950	240	0.47452
955	240	0.47494
960	240	0.47434
965	240	0.47444
970	240	0.47441
975	240	0.47466
980	240	0.47453
985	240	0.4745
990	240	0.47458
995	240	0.47454
1000	240	0.47479
1005	240	0.47438
1010	240	0.47463
1015	240	0.47475
1020	240	0.47595
1025	240	0.47561
1030	240	0.47567
1035	240	0.47513
1040	240	0.47534
1045	240	0.47511
1050	240	0.47519
1055	240	0.47512
1060	240	0.47502
1065	240	0.4752
1070	240	0.47513
1075	240	0.47491
1080	240	0.47472
1085	240	0.47455
1090	240	0.47489
1095	240	0.47444
1100	240	0.47445
1105	240	0.47448
1110	240	0.47421
1115	240	0.47445
1120	240	0.47475
1125	240	0.47504
1130	240	0.47485
1135	240	0.47469
1140	240	0.47465
1145	240	0.47483
1150	240	0.4748
0	245	0.79707
5	245	0.79641
10	245	0.79593
15	245	0.7963
20	245	0.79559
25	245	0.79566
30	245	0.79549
35	245	0.796
40	245	0.79543

EM wavele nm	EX wavele nm	R1 MicroAmps
45	245	0.79609
50	245	0.79539
55	245	0.7963
60	245	0.79552
65	245	0.79584
70	245	0.79613
75	245	0.79568
80	245	0.79618
85	245	0.79594
90	245	0.79584
95	245	0.79579
100	245	0.79603
105	245	0.79549
110	245	0.79643
115	245	0.79589
120	245	0.79577
125	245	0.79563
130	245	0.79557
135	245	0.79555
140	245	0.7954
145	245	0.79638
150	245	0.79549
155	245	0.79685
160	245	0.796
165	245	0.79643
170	245	0.79582
175	245	0.79581
180	245	0.79626
185	245	0.79624
190	245	0.79524
195	245	0.79575
200	245	0.79526
205	245	0.79522
210	245	0.79532
215	245	0.79572
220	245	0.7959
225	245	0.79588
230	245	0.79682
235	245	0.7962
240	245	0.79689
245	245	0.79663
250	245	0.79697
255	245	0.79622
260	245	0.79623
265	245	0.79638
270	245	0.79618
275	245	0.796
280	245	0.7959
285	245	0.79593
290	245	0.79591
295	245	0.79597
300	245	0.79566
305	245	0.79598
310	245	0.79525
315	245	0.79469
320	245	0.79553
325	245	0.79556
330	245	0.7952
335	245	0.79556
340	245	0.79564
345	245	0.79591
350	245	0.79602
355	245	0.79535
360	245	0.79551

EM wavele nm	EX wavele nm	R1 MicroAmps
365	245	0.79478
370	245	0.79545
375	245	0.79583
380	245	0.79543
385	245	0.79578
390	245	0.79545
395	245	0.7955
400	245	0.79525
405	245	0.79537
410	245	0.79513
415	245	0.79545
420	245	0.79524
425	245	0.79555
430	245	0.795
435	245	0.79501
440	245	0.79561
445	245	0.79528
450	245	0.79555
455	245	0.79459
460	245	0.7951
465	245	0.79521
470	245	0.79449
475	245	0.79411
480	245	0.79482
485	245	0.79456
490	245	0.79438
495	245	0.7954
500	245	0.79499
505	245	0.79581
510	245	0.79514
515	245	0.79524
520	245	0.79562
525	245	0.79527
530	245	0.7947
535	245	0.7952
540	245	0.79526
545	245	0.79485
550	245	0.79491
555	245	0.79516
560	245	0.79472
565	245	0.79532
570	245	0.79497
575	245	0.796
580	245	0.79528
585	245	0.79515
590	245	0.79525
595	245	0.79574
600	245	0.79493
605	245	0.79521
610	245	0.79514
615	245	0.79495
620	245	0.79447
625	245	0.79503
630	245	0.79492
635	245	0.79524
640	245	0.79515
645	245	0.79546
650	245	0.79525
655	245	0.79504
660	245	0.79477
665	245	0.79503
670	245	0.79468
675	245	0.79487
680	245	0.79499

EM wavele nm	EX wavele nm	R1 MicroAmps
685	245	0.79458
690	245	0.7947
695	245	0.79467
700	245	0.79436
705	245	0.79409
710	245	0.79471
715	245	0.7938
720	245	0.79463
725	245	0.7947
730	245	0.79472
735	245	0.79422
740	245	0.79434
745	245	0.79466
750	245	0.79442
755	245	0.79485
760	245	0.79447
765	245	0.79439
770	245	0.79512
775	245	0.79461
780	245	0.79479
785	245	0.7952
790	245	0.7949
795	245	0.79499
800	245	0.79484
805	245	0.79483
810	245	0.79475
815	245	0.79483
820	245	0.79497
825	245	0.79406
830	245	0.79491
835	245	0.79503
840	245	0.7943
845	245	0.79484
850	245	0.79515
855	245	0.79499
860	245	0.79526
865	245	0.79478
870	245	0.79527
875	245	0.79502
880	245	0.79519
885	245	0.79509
890	245	0.79499
895	245	0.79539
900	245	0.79499
905	245	0.79494
910	245	0.79472
915	245	0.79482
920	245	0.79479
925	245	0.79492
930	245	0.79523
935	245	0.79475
940	245	0.79544
945	245	0.79601
950	245	0.79468
955	245	0.79555
960	245	0.79529
965	245	0.79539
970	245	0.79531
975	245	0.79511
980	245	0.79519
985	245	0.79518
990	245	0.79528
995	245	0.79493
1000	245	0.79466

EM wavele nm	EX wavele nm	R1 MicroAmps
1005	245	0.79507
1010	245	0.79471
1015	245	0.79438
1020	245	0.7941
1025	245	0.79402
1030	245	0.79455
1035	245	0.79426
1040	245	0.79463
1045	245	0.795
1050	245	0.79489
1055	245	0.7954
1060	245	0.79537
1065	245	0.79562
1070	245	0.79479
1075	245	0.79496
1080	245	0.79527
1085	245	0.79523
1090	245	0.79509
1095	245	0.7946
1100	245	0.79442
1105	245	0.79461
1110	245	0.79462
1115	245	0.79473
1120	245	0.79493
1125	245	0.79416
1130	245	0.79419
1135	245	0.79501
1140	245	0.79501
1145	245	0.79488
1150	245	0.79426
0	250	1.14733
5	250	1.14698
10	250	1.14686
15	250	1.14736
20	250	1.14687
25	250	1.14678
30	250	1.14668
35	250	1.14639
40	250	1.14674
45	250	1.14671
50	250	1.14666
55	250	1.14712
60	250	1.14723
65	250	1.14691
70	250	1.14729
75	250	1.14833
80	250	1.14783
85	250	1.14772
90	250	1.1482
95	250	1.14774
100	250	1.14702
105	250	1.14658
110	250	1.14675
115	250	1.14719
120	250	1.14658
125	250	1.14741
130	250	1.1467
135	250	1.14698
140	250	1.14709
145	250	1.14741
150	250	1.14669
155	250	1.14703
160	250	1.14678
165	250	1.14757

EM wavele nm	EX wavele nm	R1 MicroAmps
170	250	1.14677
175	250	1.14717
180	250	1.14735
185	250	1.14708
190	250	1.14754
195	250	1.14736
200	250	1.14778
205	250	1.14837
210	250	1.14875
215	250	1.14863
220	250	1.14906
225	250	1.14816
230	250	1.14823
235	250	1.14765
240	250	1.14711
245	250	1.1478
250	250	1.14683
255	250	1.14814
260	250	1.14788
265	250	1.14797
270	250	1.14837
275	250	1.14845
280	250	1.14802
285	250	1.1491
290	250	1.14797
295	250	1.14809
300	250	1.14775
305	250	1.14711
310	250	1.14794
315	250	1.14651
320	250	1.14798
325	250	1.14789
330	250	1.14774
335	250	1.14812
340	250	1.14804
345	250	1.14809
350	250	1.14781
355	250	1.14806
360	250	1.14778
365	250	1.14812
370	250	1.14771
375	250	1.14885
380	250	1.14815
385	250	1.14928
390	250	1.1487
395	250	1.14753
400	250	1.14818
405	250	1.1475
410	250	1.14766
415	250	1.14749
420	250	1.14739
425	250	1.1481
430	250	1.14837
435	250	1.14815
440	250	1.14836
445	250	1.1483
450	250	1.14867
455	250	1.14857
460	250	1.14874
465	250	1.14851
470	250	1.1488
475	250	1.14861
480	250	1.14854
485	250	1.14906

EM wavele nm	EX wavele nm	R1 MicroAmps
490	250	1.14751
495	250	1.148
500	250	1.14733
505	250	1.14733
510	250	1.14769
515	250	1.14802
520	250	1.1479
525	250	1.14726
530	250	1.14818
535	250	1.14732
540	250	1.14762
545	250	1.14866
550	250	1.1485
555	250	1.14853
560	250	1.14799
565	250	1.14882
570	250	1.14856
575	250	1.14871
580	250	1.14753
585	250	1.14842
590	250	1.14811
595	250	1.14835
600	250	1.14819
605	250	1.14867
610	250	1.14785
615	250	1.14734
620	250	1.14817
625	250	1.1477
630	250	1.14786
635	250	1.14812
640	250	1.14854
645	250	1.14938
650	250	1.14916
655	250	1.14863
660	250	1.14865
665	250	1.14908
670	250	1.14818
675	250	1.14801
680	250	1.14846
685	250	1.14842
690	250	1.14829
695	250	1.14867
700	250	1.14842
705	250	1.14985
710	250	1.14959
715	250	1.14952
720	250	1.14994
725	250	1.1496
730	250	1.15027
735	250	1.14934
740	250	1.14849
745	250	1.14912
750	250	1.14858
755	250	1.14894
760	250	1.14906
765	250	1.14853
770	250	1.14902
775	250	1.14886
780	250	1.14907
785	250	1.14911
790	250	1.14884
795	250	1.14886
800	250	1.14868
805	250	1.14932

EM wavele nm	EX wavele nm	R1 MicroAmps
810	250	1.148
815	250	1.14874
820	250	1.14825
825	250	1.14727
830	250	1.14748
835	250	1.14704
840	250	1.14786
845	250	1.14811
850	250	1.14795
855	250	1.14842
860	250	1.14748
865	250	1.14858
870	250	1.14777
875	250	1.14763
880	250	1.14853
885	250	1.14861
890	250	1.14883
895	250	1.14868
900	250	1.14925
905	250	1.14926
910	250	1.14824
915	250	1.14836
920	250	1.14785
925	250	1.1472
930	250	1.14768
935	250	1.148
940	250	1.14768
945	250	1.14775
950	250	1.14817
955	250	1.14769
960	250	1.14817
965	250	1.14818
970	250	1.14778
975	250	1.14802
980	250	1.1477
985	250	1.14831
990	250	1.14751
995	250	1.14788
1000	250	1.14824
1005	250	1.14785
1010	250	1.14827
1015	250	1.14841
1020	250	1.14858
1025	250	1.14828
1030	250	1.14897
1035	250	1.14844
1040	250	1.14793
1045	250	1.14806
1050	250	1.14863
1055	250	1.14868
1060	250	1.14842
1065	250	1.14833
1070	250	1.1477
1075	250	1.14837
1080	250	1.14819
1085	250	1.1492
1090	250	1.1486
1095	250	1.14871
1100	250	1.14866
1105	250	1.14863
1110	250	1.14837
1115	250	1.14865
1120	250	1.14855
1125	250	1.14789

EM wavele nm	EX wavele nm	R1 MicroAmps
1130	250	1.14819
1135	250	1.14928
1140	250	1.14857
1145	250	1.14908
1150	250	1.14826
0	255	1.53001
5	255	1.53004
10	255	1.52969
15	255	1.52918
20	255	1.52976
25	255	1.52886
30	255	1.52905
35	255	1.52971
40	255	1.52929
45	255	1.52907
50	255	1.52968
55	255	1.52794
60	255	1.52958
65	255	1.52978
70	255	1.52913
75	255	1.52954
80	255	1.52986
85	255	1.52834
90	255	1.52979
95	255	1.52927
100	255	1.53018
105	255	1.53039
110	255	1.53021
115	255	1.5318
120	255	1.53015
125	255	1.53005
130	255	1.53041
135	255	1.53036
140	255	1.53034
145	255	1.52907
150	255	1.52983
155	255	1.5303
160	255	1.52997
165	255	1.53062
170	255	1.5309
175	255	1.52998
180	255	1.53032
185	255	1.53145
190	255	1.53018
195	255	1.53022
200	255	1.53052
205	255	1.53037
210	255	1.52985
215	255	1.52909
220	255	1.53019
225	255	1.53093
230	255	1.5297
235	255	1.53023
240	255	1.53043
245	255	1.52948
250	255	1.53044
255	255	1.53017
260	255	1.53039
265	255	1.53032
270	255	1.53052
275	255	1.53128
280	255	1.53199
285	255	1.53158
290	255	1.53197

EM wavele nm	EX wavele nm	R1 MicroAmps
295	255	1.53193
300	255	1.53118
305	255	1.53154
310	255	1.53142
315	255	1.53158
320	255	1.53056
325	255	1.53099
330	255	1.53148
335	255	1.53252
340	255	1.531
345	255	1.53266
350	255	1.53217
355	255	1.53246
360	255	1.53191
365	255	1.5321
370	255	1.53173
375	255	1.5315
380	255	1.53138
385	255	1.53138
390	255	1.53151
395	255	1.53066
400	255	1.53124
405	255	1.53169
410	255	1.53159
415	255	1.53274
420	255	1.53172
425	255	1.53333
430	255	1.53116
435	255	1.53116
440	255	1.53192
445	255	1.53238
450	255	1.53099
455	255	1.53164
460	255	1.53128
465	255	1.53178
470	255	1.53086
475	255	1.53015
480	255	1.52967
485	255	1.53372
490	255	1.5335
495	255	1.53463
500	255	1.53409
505	255	1.53405
510	255	1.53349
515	255	1.53245
520	255	1.53268
525	255	1.53183
530	255	1.53109
535	255	1.5309
540	255	1.53178
545	255	1.53231
550	255	1.53157
555	255	1.53295
560	255	1.53274
565	255	1.53308
570	255	1.53397
575	255	1.53355
580	255	1.53235
585	255	1.53247
590	255	1.53251
595	255	1.53241
600	255	1.5318
605	255	1.53103
610	255	1.53206

EM wavele nm	EX wavele nm	R1 MicroAmps
615	255	1.53162
620	255	1.5314
625	255	1.5324
630	255	1.53196
635	255	1.53215
640	255	1.53164
645	255	1.53157
650	255	1.53217
655	255	1.53166
660	255	1.5322
665	255	1.5327
670	255	1.53208
675	255	1.53242
680	255	1.53299
685	255	1.53257
690	255	1.53224
695	255	1.5328
700	255	1.533
705	255	1.53158
710	255	1.53149
715	255	1.5313
720	255	1.53238
725	255	1.5317
730	255	1.53215
735	255	1.53156
740	255	1.53191
745	255	1.53198
750	255	1.5318
755	255	1.53229
760	255	1.53178
765	255	1.53246
770	255	1.53308
775	255	1.53246
780	255	1.53265
785	255	1.5317
790	255	1.53279
795	255	1.53247
800	255	1.53166
805	255	1.53302
810	255	1.53205
815	255	1.53303
820	255	1.53186
825	255	1.53184
830	255	1.53283
835	255	1.53267
840	255	1.53235
845	255	1.53206
850	255	1.53209
855	255	1.53349
860	255	1.53328
865	255	1.53227
870	255	1.53311
875	255	1.5325
880	255	1.53218
885	255	1.53262
890	255	1.53245
895	255	1.53203
900	255	1.53225
905	255	1.53256
910	255	1.53291
915	255	1.53159
920	255	1.53296
925	255	1.53294
930	255	1.53215

EM wavele nm	EX wavele nm	R1 MicroAmps
935	255	1.53253
940	255	1.53117
945	255	1.53267
950	255	1.53233
955	255	1.53266
960	255	1.53331
965	255	1.53343
970	255	1.53333
975	255	1.53293
980	255	1.53428
985	255	1.53365
990	255	1.53292
995	255	1.53268
1000	255	1.53284
1005	255	1.53262
1010	255	1.5324
1015	255	1.53205
1020	255	1.53261
1025	255	1.53262
1030	255	1.53309
1035	255	1.53226
1040	255	1.53279
1045	255	1.53283
1050	255	1.53295
1055	255	1.53276
1060	255	1.53267
1065	255	1.53238
1070	255	1.53178
1075	255	1.53253
1080	255	1.53241
1085	255	1.53261
1090	255	1.53312
1095	255	1.53146
1100	255	1.53315
1105	255	1.53202
1110	255	1.53261
1115	255	1.53249
1120	255	1.53268
1125	255	1.53301
1130	255	1.53298
1135	255	1.53283
1140	255	1.53328
1145	255	1.5331
1150	255	1.53221
0	260	1.89847
5	260	1.89928
10	260	1.8977
15	260	1.89908
20	260	1.89859
25	260	1.89737
30	260	1.89778
35	260	1.89768
40	260	1.89763
45	260	1.89756
50	260	1.89693
55	260	1.89819
60	260	1.89676
65	260	1.89752
70	260	1.89742
75	260	1.89809
80	260	1.89754
85	260	1.89834
90	260	1.89744
95	260	1.89765

EM wavele nm	EX wavele nm	R1 MicroAmps
100	260	1.89691
105	260	1.89694
110	260	1.89801
115	260	1.89783
120	260	1.89705
125	260	1.89719
130	260	1.89708
135	260	1.89649
140	260	1.8975
145	260	1.89757
150	260	1.89757
155	260	1.89792
160	260	1.89854
165	260	1.89826
170	260	1.89762
175	260	1.89783
180	260	1.89754
185	260	1.89686
190	260	1.89785
195	260	1.89706
200	260	1.89783
205	260	1.89839
210	260	1.89642
215	260	1.89889
220	260	1.89736
225	260	1.8976
230	260	1.8976
235	260	1.89806
240	260	1.89632
245	260	1.89807
250	260	1.89754
255	260	1.8973
260	260	1.89758
265	260	1.89657
270	260	1.89787
275	260	1.89779
280	260	1.89588
285	260	1.89873
290	260	1.89744
295	260	1.89821
300	260	1.89696
305	260	1.89607
310	260	1.89822
315	260	1.89656
320	260	1.8961
325	260	1.89769
330	260	1.89736
335	260	1.89828
340	260	1.89821
345	260	1.8992
350	260	1.89925
355	260	1.89953
360	260	1.89939
365	260	1.89888
370	260	1.89878
375	260	1.89883
380	260	1.89938
385	260	1.89859
390	260	1.89822
395	260	1.89807
400	260	1.89898
405	260	1.90124
410	260	1.89892
415	260	1.89902

EM wavele nm	EX wavele nm	R1 MicroAmps
420	260	1.89974
425	260	1.89957
430	260	1.8998
435	260	1.89974
440	260	1.90086
445	260	1.90021
450	260	1.89911
455	260	1.89892
460	260	1.90021
465	260	1.89807
470	260	1.89862
475	260	1.89987
480	260	1.89943
485	260	1.89908
490	260	1.89738
495	260	1.89871
500	260	1.89814
505	260	1.89657
510	260	1.89803
515	260	1.89855
520	260	1.89822
525	260	1.89886
530	260	1.89886
535	260	1.89845
540	260	1.89916
545	260	1.89879
550	260	1.90044
555	260	1.89958
560	260	1.89845
565	260	1.89982
570	260	1.89729
575	260	1.89905
580	260	1.89807
585	260	1.89753
590	260	1.89774
595	260	1.89828
600	260	1.89808
605	260	1.89864
610	260	1.89804
615	260	1.89844
620	260	1.89835
625	260	1.89918
630	260	1.89841
635	260	1.89906
640	260	1.89861
645	260	1.89884
650	260	1.89987
655	260	1.89982
660	260	1.89822
665	260	1.89778
670	260	1.89881
675	260	1.89864
680	260	1.89762
685	260	1.89779
690	260	1.89648
695	260	1.89773
700	260	1.89689
705	260	1.8975
710	260	1.89785
715	260	1.89869
720	260	1.89787
725	260	1.89781
730	260	1.89868
735	260	1.89791

EM wavele nm	EX wavele nm	R1 MicroAmps
740	260	1.8989
745	260	1.89637
750	260	1.89646
755	260	1.89884
760	260	1.89725
765	260	1.89841
770	260	1.89674
775	260	1.89876
780	260	1.89778
785	260	1.89802
790	260	1.8975
795	260	1.89697
800	260	1.89768
805	260	1.89783
810	260	1.89668
815	260	1.89877
820	260	1.89769
825	260	1.89914
830	260	1.89844
835	260	1.8979
840	260	1.89871
845	260	1.89849
850	260	1.89922
855	260	1.89839
860	260	1.89826
865	260	1.89896
870	260	1.89881
875	260	1.89827
880	260	1.89734
885	260	1.89717
890	260	1.89784
895	260	1.89831
900	260	1.89621
905	260	1.89726
910	260	1.89636
915	260	1.89774
920	260	1.89725
925	260	1.89651
930	260	1.89703
935	260	1.89697
940	260	1.89736
945	260	1.89723
950	260	1.89572
955	260	1.89707
960	260	1.89898
965	260	1.89825
970	260	1.89789
975	260	1.89741
980	260	1.89874
985	260	1.89864
990	260	1.89873
995	260	1.89878
1000	260	1.89745
1005	260	1.89844
1010	260	1.89849
1015	260	1.89806
1020	260	1.89781
1025	260	1.8975
1030	260	1.89769
1035	260	1.8981
1040	260	1.89663
1045	260	1.8991
1050	260	1.89717
1055	260	1.89846

EM wavele nm	EX wavele nm	R1 MicroAmps
1060	260	1.89886
1065	260	1.89792
1070	260	1.89884
1075	260	1.89863
1080	260	1.89981
1085	260	1.90059
1090	260	1.90037
1095	260	1.90021
1100	260	1.89917
1105	260	1.89756
1110	260	1.8982
1115	260	1.89815
1120	260	1.89798
1125	260	1.89851
1130	260	1.89859
1135	260	1.89827
1140	260	1.89857
1145	260	1.89699
1150	260	1.89844
0	265	2.24739
5	265	2.24711
10	265	2.24746
15	265	2.24633
20	265	2.24725
25	265	2.24672
30	265	2.24696
35	265	2.24707
40	265	2.24769
45	265	2.24784
50	265	2.24751
55	265	2.24695
60	265	2.24683
65	265	2.24814
70	265	2.24739
75	265	2.24634
80	265	2.24862
85	265	2.24696
90	265	2.24709
95	265	2.24872
100	265	2.24772
105	265	2.24842
110	265	2.24738
115	265	2.24723
120	265	2.24716
125	265	2.24641
130	265	2.24832
135	265	2.248
140	265	2.24723
145	265	2.24873
150	265	2.24753
155	265	2.24808
160	265	2.24811
165	265	2.24815
170	265	2.24705
175	265	2.24762
180	265	2.24685
185	265	2.24755
190	265	2.24624
195	265	2.2457
200	265	2.24674
205	265	2.24564
210	265	2.24561
215	265	2.24581
220	265	2.24626

EM wavele nm	EX wavele nm	R1 MicroAmps
225	265	2.24638
230	265	2.24735
235	265	2.2463
240	265	2.24845
245	265	2.24591
250	265	2.24583
255	265	2.24833
260	265	2.24619
265	265	2.24746
270	265	2.24615
275	265	2.24826
280	265	2.24587
285	265	2.24588
290	265	2.2456
295	265	2.2472
300	265	2.24564
305	265	2.24598
310	265	2.24734
315	265	2.2469
320	265	2.24681
325	265	2.2469
330	265	2.2474
335	265	2.2478
340	265	2.24802
345	265	2.24686
350	265	2.24746
355	265	2.24675
360	265	2.24724
365	265	2.24684
370	265	2.24644
375	265	2.24523
380	265	2.24588
385	265	2.24655
390	265	2.24551
395	265	2.24561
400	265	2.24599
405	265	2.24688
410	265	2.245
415	265	2.24622
420	265	2.2466
425	265	2.24674
430	265	2.24626
435	265	2.24532
440	265	2.24642
445	265	2.24607
450	265	2.2448
455	265	2.24516
460	265	2.24525
465	265	2.24576
470	265	2.24623
475	265	2.24524
480	265	2.24772
485	265	2.24665
490	265	2.24598
495	265	2.24724
500	265	2.24705
505	265	2.24696
510	265	2.24739
515	265	2.24731
520	265	2.24828
525	265	2.24701
530	265	2.24476
535	265	2.24511
540	265	2.24729

EM wavele nm	EX wavele nm	R1 MicroAmps
545	265	2.24639
550	265	2.24785
555	265	2.24631
560	265	2.24605
565	265	2.24789
570	265	2.24572
575	265	2.246
580	265	2.24565
585	265	2.2465
590	265	2.2439
595	265	2.2454
600	265	2.24619
605	265	2.24637
610	265	2.24641
615	265	2.24633
620	265	2.24642
625	265	2.24734
630	265	2.24655
635	265	2.24672
640	265	2.24794
645	265	2.24676
650	265	2.24629
655	265	2.24615
660	265	2.24634
665	265	2.24758
670	265	2.24613
675	265	2.24703
680	265	2.24705
685	265	2.24705
690	265	2.24656
695	265	2.24636
700	265	2.24725
705	265	2.24791
710	265	2.2473
715	265	2.24669
720	265	2.24726
725	265	2.24585
730	265	2.24734
735	265	2.24672
740	265	2.24785
745	265	2.24714
750	265	2.24681
755	265	2.24761
760	265	2.24551
765	265	2.24617
770	265	2.2465
775	265	2.24718
780	265	2.24674
785	265	2.24663
790	265	2.24821
795	265	2.25057
800	265	2.25284
805	265	2.25176
810	265	2.25186
815	265	2.24953
820	265	2.24957
825	265	2.24943
830	265	2.25016
835	265	2.24774
840	265	2.24996
845	265	2.24915
850	265	2.2483
855	265	2.24757
860	265	2.2461

EM wavele nm	EX wavele nm	R1 MicroAmps
865	265	2.24736
870	265	2.24853
875	265	2.2461
880	265	2.24596
885	265	2.24807
890	265	2.24854
895	265	2.24761
900	265	2.2479
905	265	2.24642
910	265	2.2475
915	265	2.24817
920	265	2.24877
925	265	2.24734
930	265	2.24876
935	265	2.24878
940	265	2.24773
945	265	2.24729
950	265	2.24655
955	265	2.24672
960	265	2.24694
965	265	2.24771
970	265	2.24698
975	265	2.24641
980	265	2.24652
985	265	2.24774
990	265	2.24825
995	265	2.24675
1000	265	2.24855
1005	265	2.24658
1010	265	2.24989
1015	265	2.24796
1020	265	2.24649
1025	265	2.24892
1030	265	2.24704
1035	265	2.24834
1040	265	2.24747
1045	265	2.24876
1050	265	2.24759
1055	265	2.24777
1060	265	2.24703
1065	265	2.2484
1070	265	2.24894
1075	265	2.24745
1080	265	2.24782
1085	265	2.24761
1090	265	2.24839
1095	265	2.24779
1100	265	2.24725
1105	265	2.24898
1110	265	2.24844
1115	265	2.24825
1120	265	2.24837
1125	265	2.24684
1130	265	2.24766
1135	265	2.24774
1140	265	2.2477
1145	265	2.24711
1150	265	2.24614
0	270	2.61883
5	270	2.6178
10	270	2.618
15	270	2.61771
20	270	2.61845
25	270	2.61817

EM wavele nm	EX wavele nm	R1 MicroAmps
30	270	2.61677
35	270	2.61797
40	270	2.6173
45	270	2.61837
50	270	2.61499
55	270	2.61512
60	270	2.61787
65	270	2.61555
70	270	2.61732
75	270	2.61659
80	270	2.61829
85	270	2.61497
90	270	2.61572
95	270	2.61563
100	270	2.61643
105	270	2.61492
110	270	2.61657
115	270	2.61774
120	270	2.61842
125	270	2.61626
130	270	2.61749
135	270	2.61919
140	270	2.61937
145	270	2.61842
150	270	2.61775
155	270	2.61804
160	270	2.61827
165	270	2.61753
170	270	2.61793
175	270	2.61919
180	270	2.61967
185	270	2.61767
190	270	2.61873
195	270	2.61915
200	270	2.61857
205	270	2.61772
210	270	2.61734
215	270	2.6166
220	270	2.61599
225	270	2.61627
230	270	2.61653
235	270	2.61711
240	270	2.61727
245	270	2.61785
250	270	2.61874
255	270	2.61426
260	270	2.6168
265	270	2.61722
270	270	2.6167
275	270	2.61654
280	270	2.61744
285	270	2.61875
290	270	2.61786
295	270	2.61641
300	270	2.61728
305	270	2.61736
310	270	2.61351
315	270	2.61678
320	270	2.61663
325	270	2.61437
330	270	2.61509
335	270	2.61502
340	270	2.61619
345	270	2.61767

EM wavele nm	EX wavele nm	R1 MicroAmps
350	270	2.61601
355	270	2.61803
360	270	2.6169
365	270	2.61758
370	270	2.61752
375	270	2.61564
380	270	2.61629
385	270	2.61633
390	270	2.61524
395	270	2.61709
400	270	2.61685
405	270	2.61662
410	270	2.61798
415	270	2.61751
420	270	2.61761
425	270	2.61807
430	270	2.61859
435	270	2.61795
440	270	2.61799
445	270	2.61965
450	270	2.61865
455	270	2.61701
460	270	2.61729
465	270	2.61735
470	270	2.6168
475	270	2.61857
480	270	2.61799
485	270	2.61832
490	270	2.61645
495	270	2.61535
500	270	2.61768
505	270	2.61597
510	270	2.6168
515	270	2.61646
520	270	2.6178
525	270	2.61817
530	270	2.61757
535	270	2.61805
540	270	2.61898
545	270	2.61675
550	270	2.618
555	270	2.61862
560	270	2.61824
565	270	2.61863
570	270	2.61782
575	270	2.61994
580	270	2.61897
585	270	2.61688
590	270	2.6182
595	270	2.61664
600	270	2.61821
605	270	2.61729
610	270	2.61704
615	270	2.61737
620	270	2.61884
625	270	2.61806
630	270	2.61821
635	270	2.6189
640	270	2.61802
645	270	2.61849
650	270	2.61935
655	270	2.61717
660	270	2.61647
665	270	2.6189

EM wavele nm	EX wavele nm	R1 MicroAmps
670	270	2.61744
675	270	2.61649
680	270	2.616
685	270	2.61483
690	270	2.61588
695	270	2.61792
700	270	2.61613
705	270	2.61763
710	270	2.61857
715	270	2.61682
720	270	2.61696
725	270	2.61773
730	270	2.61724
735	270	2.61808
740	270	2.6184
745	270	2.61754
750	270	2.61549
755	270	2.61909
760	270	2.61842
765	270	2.61683
770	270	2.61885
775	270	2.61674
780	270	2.61775
785	270	2.61754
790	270	2.61484
795	270	2.61612
800	270	2.61621
805	270	2.61563
810	270	2.61592
815	270	2.61535
820	270	2.61803
825	270	2.61596
830	270	2.61755
835	270	2.61758
840	270	2.6157
845	270	2.61837
850	270	2.61823
855	270	2.61775
860	270	2.61996
865	270	2.61799
870	270	2.62032
875	270	2.61727
880	270	2.61823
885	270	2.61804
890	270	2.6177
895	270	2.61921
900	270	2.61713
905	270	2.61673
910	270	2.61628
915	270	2.61678
920	270	2.61629
925	270	2.61429
930	270	2.61703
935	270	2.61701
940	270	2.61755
945	270	2.61862
950	270	2.61741
955	270	2.6184
960	270	2.61753
965	270	2.62083
970	270	2.61949
975	270	2.61817
980	270	2.61894
985	270	2.61922

EM wavele nm	EX wavele nm	R1 MicroAmps
990	270	2.61991
995	270	2.61983
1000	270	2.61814
1005	270	2.62019
1010	270	2.61984
1015	270	2.62032
1020	270	2.61945
1025	270	2.61791
1030	270	2.61939
1035	270	2.61962
1040	270	2.61959
1045	270	2.61875
1050	270	2.61823
1055	270	2.62018
1060	270	2.61865
1065	270	2.61903
1070	270	2.61886
1075	270	2.61747
1080	270	2.61695
1085	270	2.61886
1090	270	2.61939
1095	270	2.61885
1100	270	2.61961
1105	270	2.61976
1110	270	2.61791
1115	270	2.61813
1120	270	2.61959
1125	270	2.61942
1130	270	2.62003
1135	270	2.61924
1140	270	2.61808
1145	270	2.61859
1150	270	2.61632
0	275	3.07661
5	275	3.07633
10	275	3.07952
15	275	3.0776
20	275	3.0803
25	275	3.07751
30	275	3.0783
35	275	3.07664
40	275	3.07704
45	275	3.07621
50	275	3.07519
55	275	3.07682
60	275	3.07723
65	275	3.07716
70	275	3.07495
75	275	3.07777
80	275	3.07802
85	275	3.07906
90	275	3.07735
95	275	3.07795
100	275	3.07345
105	275	3.07799
110	275	3.07816
115	275	3.07688
120	275	3.07999
125	275	3.07791
130	275	3.07982
135	275	3.07705
140	275	3.07808
145	275	3.07861
150	275	3.08021

EM wavele nm	EX wavele nm	R1 MicroAmps
155	275	3.0758
160	275	3.07966
165	275	3.0789
170	275	3.07698
175	275	3.07741
180	275	3.07762
185	275	3.07837
190	275	3.07533
195	275	3.07493
200	275	3.07806
205	275	3.07653
210	275	3.07602
215	275	3.07731
220	275	3.07835
225	275	3.07748
230	275	3.07976
235	275	3.08083
240	275	3.08157
245	275	3.07887
250	275	3.07896
255	275	3.07889
260	275	3.07778
265	275	3.07835
270	275	3.07915
275	275	3.07654
280	275	3.07776
285	275	3.07779
290	275	3.07723
295	275	3.07768
300	275	3.07645
305	275	3.07784
310	275	3.07652
315	275	3.07845
320	275	3.07885
325	275	3.0795
330	275	3.07829
335	275	3.07845
340	275	3.07875
345	275	3.07856
350	275	3.07763
355	275	3.07708
360	275	3.08047
365	275	3.07743
370	275	3.07842
375	275	3.07787
380	275	3.07791
385	275	3.07669
390	275	3.0746
395	275	3.07768
400	275	3.07635
405	275	3.07624
410	275	3.07408
415	275	3.07466
420	275	3.07503
425	275	3.07251
430	275	3.07587
435	275	3.07386
440	275	3.07634
445	275	3.07521
450	275	3.07773
455	275	3.07676
460	275	3.07925
465	275	3.07781
470	275	3.07845

EM wavele nm	EX wavele nm	R1 MicroAmps
475	275	3.07791
480	275	3.07841
485	275	3.07929
490	275	3.07677
495	275	3.07589
500	275	3.07361
505	275	3.07645
510	275	3.07623
515	275	3.07581
520	275	3.07763
525	275	3.0768
530	275	3.07741
535	275	3.07592
540	275	3.07638
545	275	3.07584
550	275	3.07591
555	275	3.07545
560	275	3.07726
565	275	3.07775
570	275	3.07449
575	275	3.07635
580	275	3.07571
585	275	3.07611
590	275	3.07568
595	275	3.07557
600	275	3.07926
605	275	3.07703
610	275	3.07551
615	275	3.07558
620	275	3.07733
625	275	3.07575
630	275	3.07622
635	275	3.07622
640	275	3.07709
645	275	3.07548
650	275	3.07415
655	275	3.07473
660	275	3.07508
665	275	3.07293
670	275	3.07452
675	275	3.07421
680	275	3.07588
685	275	3.07481
690	275	3.0752
695	275	3.07539
700	275	3.07384
705	275	3.07684
710	275	3.07477
715	275	3.07519
720	275	3.07559
725	275	3.07552
730	275	3.07543
735	275	3.07571
740	275	3.07469
745	275	3.07546
750	275	3.07694
755	275	3.07621
760	275	3.07565
765	275	3.07692
770	275	3.07689
775	275	3.07514
780	275	3.07614
785	275	3.07602
790	275	3.07869

EM wavele nm	EX wavele nm	R1 MicroAmps
795	275	3.07809
800	275	3.07839
805	275	3.07707
810	275	3.07907
815	275	3.07922
820	275	3.07903
825	275	3.0787
830	275	3.07694
835	275	3.07758
840	275	3.07759
845	275	3.07851
850	275	3.07612
855	275	3.07828
860	275	3.07775
865	275	3.0765
870	275	3.07682
875	275	3.07766
880	275	3.07691
885	275	3.07988
890	275	3.07649
895	275	3.07908
900	275	3.07869
905	275	3.07929
910	275	3.07704
915	275	3.07736
920	275	3.07827
925	275	3.07936
930	275	3.07779
935	275	3.07764
940	275	3.077
945	275	3.07909
950	275	3.07738
955	275	3.07639
960	275	3.07608
965	275	3.07589
970	275	3.07897
975	275	3.07684
980	275	3.07603
985	275	3.07872
990	275	3.07732
995	275	3.07971
1000	275	3.07793
1005	275	3.0759
1010	275	3.07626
1015	275	3.07546
1020	275	3.07712
1025	275	3.07492
1030	275	3.07721
1035	275	3.07671
1040	275	3.07665
1045	275	3.07775
1050	275	3.07666
1055	275	3.0744
1060	275	3.07575
1065	275	3.07444
1070	275	3.0752
1075	275	3.07411
1080	275	3.07435
1085	275	3.07648
1090	275	3.07779
1095	275	3.07639
1100	275	3.07944
1105	275	3.07684
1110	275	3.07637

EM wavele nm	EX wavele nm	R1 MicroAmps
1115	275	3.07629
1120	275	3.07611
1125	275	3.07867
1130	275	3.07829
1135	275	3.07726
1140	275	3.07729
1145	275	3.07735
1150	275	3.07843
0	280	3.6677
5	280	3.66515
10	280	3.66673
15	280	3.66851
20	280	3.66679
25	280	3.66864
30	280	3.66528
35	280	3.66607
40	280	3.6666
45	280	3.66009
50	280	3.66542
55	280	3.66597
60	280	3.6659
65	280	3.66739
70	280	3.66849
75	280	3.66845
80	280	3.66749
85	280	3.66727
90	280	3.6678
95	280	3.66738
100	280	3.66526
105	280	3.66956
110	280	3.66975
115	280	3.66995
120	280	3.66982
125	280	3.66797
130	280	3.66882
135	280	3.66714
140	280	3.6682
145	280	3.67005
150	280	3.66951
155	280	3.66987
160	280	3.67147
165	280	3.66827
170	280	3.67056
175	280	3.66669
180	280	3.66734
185	280	3.66808
190	280	3.66444
195	280	3.66771
200	280	3.66691
205	280	3.66361
210	280	3.66822
215	280	3.66799
220	280	3.66609
225	280	3.66667
230	280	3.66548
235	280	3.66777
240	280	3.66607
245	280	3.66442
250	280	3.66739
255	280	3.66622
260	280	3.66607
265	280	3.66898
270	280	3.66862
275	280	3.66769

EM wavele nm	EX wavele nm	R1 MicroAmps
280	280	3.66837
285	280	3.66779
290	280	3.67567
295	280	3.67326
300	280	3.67141
305	280	3.67226
310	280	3.66821
315	280	3.67257
320	280	3.67093
325	280	3.67047
330	280	3.67064
335	280	3.66919
340	280	3.67061
345	280	3.67158
350	280	3.6694
355	280	3.66615
360	280	3.66955
365	280	3.6672
370	280	3.66852
375	280	3.6683
380	280	3.66724
385	280	3.67121
390	280	3.66892
395	280	3.6688
400	280	3.66915
405	280	3.6686
410	280	3.66719
415	280	3.66614
420	280	3.66802
425	280	3.6671
430	280	3.66634
435	280	3.67042
440	280	3.66594
445	280	3.66745
450	280	3.66974
455	280	3.6669
460	280	3.66825
465	280	3.66678
470	280	3.66791
475	280	3.66839
480	280	3.66811
485	280	3.66561
490	280	3.66971
495	280	3.66362
500	280	3.66772
505	280	3.66773
510	280	3.66825
515	280	3.66875
520	280	3.66545
525	280	3.66699
530	280	3.66732
535	280	3.66841
540	280	3.66678
545	280	3.66813
550	280	3.6694
555	280	3.66781
560	280	3.67076
565	280	3.67092
570	280	3.66884
575	280	3.66931
580	280	3.66828
585	280	3.66895
590	280	3.66911
595	280	3.66811

EM wavele nm	EX wavele nm	R1 MicroAmps
600	280	3.66827
605	280	3.66592
610	280	3.66705
615	280	3.66719
620	280	3.66625
625	280	3.66776
630	280	3.66628
635	280	3.66803
640	280	3.66878
645	280	3.66957
650	280	3.66853
655	280	3.66999
660	280	3.66926
665	280	3.66982
670	280	3.67187
675	280	3.66988
680	280	3.67186
685	280	3.67119
690	280	3.66857
695	280	3.66844
700	280	3.66694
705	280	3.66583
710	280	3.66478
715	280	3.6684
720	280	3.66854
725	280	3.67046
730	280	3.66761
735	280	3.66843
740	280	3.66744
745	280	3.66969
750	280	3.66627
755	280	3.66811
760	280	3.66691
765	280	3.66981
770	280	3.66591
775	280	3.66714
780	280	3.66979
785	280	3.66842
790	280	3.67028
795	280	3.66823
800	280	3.66847
805	280	3.6679
810	280	3.6703
815	280	3.66784
820	280	3.66832
825	280	3.67123
830	280	3.66982
835	280	3.67276
840	280	3.66906
845	280	3.66788
850	280	3.66988
855	280	3.66913
860	280	3.66867
865	280	3.66455
870	280	3.66899
875	280	3.66838
880	280	3.66874
885	280	3.66644
890	280	3.66627
895	280	3.66861
900	280	3.66826
905	280	3.66581
910	280	3.66794
915	280	3.66714

EM wavele nm	EX wavele nm	R1 MicroAmps
920	280	3.66983
925	280	3.66855
930	280	3.66827
935	280	3.66947
940	280	3.66885
945	280	3.66972
950	280	3.66599
955	280	3.6666
960	280	3.66703
965	280	3.66739
970	280	3.66671
975	280	3.66602
980	280	3.66706
985	280	3.66754
990	280	3.66805
995	280	3.66952
1000	280	3.66814
1005	280	3.67025
1010	280	3.66851
1015	280	3.66679
1020	280	3.66692
1025	280	3.66537
1030	280	3.66739
1035	280	3.66577
1040	280	3.6705
1045	280	3.66724
1050	280	3.66761
1055	280	3.6704
1060	280	3.66806
1065	280	3.6693
1070	280	3.66591
1075	280	3.66987
1080	280	3.66842
1085	280	3.66661
1090	280	3.66884
1095	280	3.66775
1100	280	3.668
1105	280	3.66694
1110	280	3.67018
1115	280	3.66842
1120	280	3.66517
1125	280	3.6671
1130	280	3.66774
1135	280	3.66676
1140	280	3.66326
1145	280	3.6657
1150	280	3.66418
0	285	4.36151
5	285	4.36016
10	285	4.36123
15	285	4.36017
20	285	4.36117
25	285	4.35991
30	285	4.35964
35	285	4.36015
40	285	4.36122
45	285	4.35952
50	285	4.36193
55	285	4.35918
60	285	4.36091
65	285	4.3588
70	285	4.35759
75	285	4.35681
80	285	4.36019

EM wavele nm	EX wavele nm	R1 MicroAmps
85	285	4.35601
90	285	4.36068
95	285	4.35902
100	285	4.36072
105	285	4.35891
110	285	4.35967
115	285	4.3605
120	285	4.35926
125	285	4.35705
130	285	4.36075
135	285	4.35803
140	285	4.35639
145	285	4.36055
150	285	4.3545
155	285	4.35911
160	285	4.35707
165	285	4.35615
170	285	4.3587
175	285	4.3556
180	285	4.36115
185	285	4.35815
190	285	4.35807
195	285	4.35961
200	285	4.35904
205	285	4.35697
210	285	4.35924
215	285	4.35868
220	285	4.36153
225	285	4.36237
230	285	4.36122
235	285	4.36132
240	285	4.35838
245	285	4.3588
250	285	4.35941
255	285	4.35684
260	285	4.35785
265	285	4.35877
270	285	4.35749
275	285	4.35794
280	285	4.35879
285	285	4.35837
290	285	4.35637
295	285	4.35596
300	285	4.35637
305	285	4.35835
310	285	4.35704
315	285	4.35548
320	285	4.35703
325	285	4.35849
330	285	4.35637
335	285	4.35996
340	285	4.35656
345	285	4.35631
350	285	4.35774
355	285	4.35627
360	285	4.36112
365	285	4.36108
370	285	4.3602
375	285	4.3609
380	285	4.35818
385	285	4.35921
390	285	4.36042
395	285	4.35854
400	285	4.35738

EM wavele nm	EX wavele nm	R1 MicroAmps
405	285	4.36075
410	285	4.35874
415	285	4.35916
420	285	4.35858
425	285	4.35767
430	285	4.35837
435	285	4.3554
440	285	4.35798
445	285	4.3556
450	285	4.35734
455	285	4.3526
460	285	4.35664
465	285	4.35341
470	285	4.35504
475	285	4.35801
480	285	4.35536
485	285	4.35644
490	285	4.35607
495	285	4.35519
500	285	4.35892
505	285	4.35542
510	285	4.35609
515	285	4.35667
520	285	4.35566
525	285	4.35499
530	285	4.35852
535	285	4.36008
540	285	4.35987
545	285	4.3585
550	285	4.36042
555	285	4.35982
560	285	4.35809
565	285	4.35849
570	285	4.35997
575	285	4.35862
580	285	4.35786
585	285	4.3596
590	285	4.36072
595	285	4.35879
600	285	4.36056
605	285	4.36123
610	285	4.3592
615	285	4.3593
620	285	4.35423
625	285	4.35508
630	285	4.35686
635	285	4.35537
640	285	4.35643
645	285	4.35937
650	285	4.35869
655	285	4.35919
660	285	4.36175
665	285	4.35697
670	285	4.36245
675	285	4.3588
680	285	4.35858
685	285	4.36034
690	285	4.35736
695	285	4.35998
700	285	4.35771
705	285	4.35809
710	285	4.35686
715	285	4.35524
720	285	4.35614

EM wavele nm	EX wavele nm	R1 MicroAmps
725	285	4.35501
730	285	4.35733
735	285	4.35714
740	285	4.35852
745	285	4.35877
750	285	4.35733
755	285	4.35912
760	285	4.35748
765	285	4.35521
770	285	4.35857
775	285	4.35763
780	285	4.36059
785	285	4.35582
790	285	4.35703
795	285	4.355
800	285	4.3535
805	285	4.35322
810	285	4.35382
815	285	4.3582
820	285	4.35482
825	285	4.35656
830	285	4.35568
835	285	4.35473
840	285	4.35567
845	285	4.35469
850	285	4.3549
855	285	4.35333
860	285	4.35253
865	285	4.35451
870	285	4.35464
875	285	4.35492
880	285	4.35842
885	285	4.35422
890	285	4.35659
895	285	4.35815
900	285	4.35686
905	285	4.35712
910	285	4.35684
915	285	4.36073
920	285	4.35968
925	285	4.35953
930	285	4.3592
935	285	4.35761
940	285	4.35926
945	285	4.35708
950	285	4.35807
955	285	4.35936
960	285	4.35628
965	285	4.35732
970	285	4.35432
975	285	4.35988
980	285	4.35892
985	285	4.35878
990	285	4.35894
995	285	4.35691
1000	285	4.35964
1005	285	4.35926
1010	285	4.36141
1015	285	4.35773
1020	285	4.35661
1025	285	4.36121
1030	285	4.36248
1035	285	4.36153
1040	285	4.36192

EM wavele nm	EX wavele nm	R1 MicroAmps
1045	285	4.36131
1050	285	4.36048
1055	285	4.35782
1060	285	4.35984
1065	285	4.35807
1070	285	4.35625
1075	285	4.36141
1080	285	4.3607
1085	285	4.36121
1090	285	4.35779
1095	285	4.35727
1100	285	4.35694
1105	285	4.35832
1110	285	4.35908
1115	285	4.36046
1120	285	4.36191
1125	285	4.36125
1130	285	4.36073
1135	285	4.36365
1140	285	4.35902
1145	285	4.35955
1150	285	4.35929
0	290	5.22223
5	290	5.22359
10	290	5.22328
15	290	5.22643
20	290	5.22461
25	290	5.22527
30	290	5.22336
35	290	5.22411
40	290	5.2275
45	290	5.22186
50	290	5.22508
55	290	5.22407
60	290	5.22281
65	290	5.22186
70	290	5.22344
75	290	5.22288
80	290	5.21949
85	290	5.21905
90	290	5.21818
95	290	5.22162
100	290	5.21764
105	290	5.22287
110	290	5.22527
115	290	5.22323
120	290	5.22336
125	290	5.22275
130	290	5.22176
135	290	5.22121
140	290	5.2198
145	290	5.22303
150	290	5.221
155	290	5.2181
160	290	5.22232
165	290	5.22318
170	290	5.21733
175	290	5.22112
180	290	5.21667
185	290	5.22022
190	290	5.22128
195	290	5.22056
200	290	5.22284
205	290	5.21893

EM wavele nm	EX wavele nm	R1 MicroAmps
210	290	5.22079
215	290	5.22205
220	290	5.21926
225	290	5.22133
230	290	5.22387
235	290	5.21846
240	290	5.22552
245	290	5.22198
250	290	5.22268
255	290	5.22362
260	290	5.21844
265	290	5.22268
270	290	5.2205
275	290	5.22131
280	290	5.22289
285	290	5.22085
290	290	5.21842
295	290	5.22016
300	290	5.22278
305	290	5.22036
310	290	5.22061
315	290	5.21919
320	290	5.22215
325	290	5.218
330	290	5.22125
335	290	5.22293
340	290	5.2194
345	290	5.22367
350	290	5.22157
355	290	5.2249
360	290	5.22022
365	290	5.22563
370	290	5.22254
375	290	5.22719
380	290	5.22018
385	290	5.22358
390	290	5.22647
395	290	5.22017
400	290	5.22385
405	290	5.22524
410	290	5.22422
415	290	5.22157
420	290	5.22273
425	290	5.22194
430	290	5.21996
435	290	5.2212
440	290	5.22363
445	290	5.22371
450	290	5.2197
455	290	5.22292
460	290	5.22312
465	290	5.22698
470	290	5.22229
475	290	5.2277
480	290	5.22239
485	290	5.22456
490	290	5.22221
495	290	5.22616
500	290	5.2219
505	290	5.22041
510	290	5.22228
515	290	5.22318
520	290	5.22471
525	290	5.22186

EM wavele nm	EX wavele nm	R1 MicroAmps
530	290	5.22296
535	290	5.22178
540	290	5.21995
545	290	5.22056
550	290	5.22104
555	290	5.22483
560	290	5.22071
565	290	5.22609
570	290	5.22217
575	290	5.22427
580	290	5.22477
585	290	5.22527
590	290	5.22537
595	290	5.22273
600	290	5.22444
605	290	5.22481
610	290	5.22851
615	290	5.22429
620	290	5.22561
625	290	5.22444
630	290	5.22334
635	290	5.2248
640	290	5.22346
645	290	5.22648
650	290	5.22413
655	290	5.22603
660	290	5.22545
665	290	5.22696
670	290	5.22579
675	290	5.22449
680	290	5.22538
685	290	5.22519
690	290	5.22367
695	290	5.22296
700	290	5.22863
705	290	5.2261
710	290	5.22534
715	290	5.22548
720	290	5.22672
725	290	5.22602
730	290	5.22308
735	290	5.22281
740	290	5.22526
745	290	5.22489
750	290	5.22353
755	290	5.22641
760	290	5.22378
765	290	5.2231
770	290	5.22159
775	290	5.22092
780	290	5.2231
785	290	5.2235
790	290	5.22387
795	290	5.22092
800	290	5.22478
805	290	5.22631
810	290	5.22406
815	290	5.2248
820	290	5.22105
825	290	5.22331
830	290	5.22309
835	290	5.21649
840	290	5.22059
845	290	5.22179

EM wavele nm	EX wavele nm	R1 MicroAmps
850	290	5.22194
855	290	5.22009
860	290	5.22224
865	290	5.22014
870	290	5.22252
875	290	5.22427
880	290	5.22157
885	290	5.22256
890	290	5.22493
895	290	5.22317
900	290	5.22261
905	290	5.22174
910	290	5.22355
915	290	5.22455
920	290	5.22581
925	290	5.22382
930	290	5.2248
935	290	5.22536
940	290	5.22442
945	290	5.2271
950	290	5.22063
955	290	5.22517
960	290	5.22702
965	290	5.22085
970	290	5.22397
975	290	5.22169
980	290	5.22343
985	290	5.22096
990	290	5.22201
995	290	5.2248
1000	290	5.22304
1005	290	5.22586
1010	290	5.21974
1015	290	5.22158
1020	290	5.22255
1025	290	5.22385
1030	290	5.22293
1035	290	5.22205
1040	290	5.22158
1045	290	5.22256
1050	290	5.22446
1055	290	5.22581
1060	290	5.22221
1065	290	5.22315
1070	290	5.22059
1075	290	5.22255
1080	290	5.22184
1085	290	5.2218
1090	290	5.22415
1095	290	5.22392
1100	290	5.22294
1105	290	5.22407
1110	290	5.22706
1115	290	5.22419
1120	290	5.22457
1125	290	5.22617
1130	290	5.22391
1135	290	5.22587
1140	290	5.22753
1145	290	5.22434
1150	290	5.22316
0	295	6.12325
5	295	6.12231
10	295	6.12352

EM wavele nm	EX wavele nm	R1 MicroAmps
15	295	6.12333
20	295	6.12121
25	295	6.12401
30	295	6.12091
35	295	6.11909
40	295	6.12178
45	295	6.12372
50	295	6.11918
55	295	6.1269
60	295	6.122
65	295	6.12655
70	295	6.12725
75	295	6.12447
80	295	6.13054
85	295	6.12606
90	295	6.12468
95	295	6.12396
100	295	6.12565
105	295	6.1236
110	295	6.12249
115	295	6.12373
120	295	6.12667
125	295	6.12308
130	295	6.12464
135	295	6.12646
140	295	6.12236
145	295	6.1258
150	295	6.1256
155	295	6.12379
160	295	6.12543
165	295	6.12773
170	295	6.13363
175	295	6.13205
180	295	6.12851
185	295	6.13092
190	295	6.12982
195	295	6.13005
200	295	6.12796
205	295	6.12998
210	295	6.13008
215	295	6.12591
220	295	6.12715
225	295	6.12959
230	295	6.1296
235	295	6.12292
240	295	6.12824
245	295	6.12698
250	295	6.12639
255	295	6.12707
260	295	6.12544
265	295	6.1267
270	295	6.12482
275	295	6.12456
280	295	6.12912
285	295	6.12936
290	295	6.12793
295	295	6.13096
300	295	6.12739
305	295	6.12667
310	295	6.12853
315	295	6.12335
320	295	6.12933
325	295	6.12063
330	295	6.12624

EM wavele nm	EX wavele nm	R1 MicroAmps
335	295	6.12599
340	295	6.12757
345	295	6.1234
350	295	6.12636
355	295	6.12597
360	295	6.12164
365	295	6.12543
370	295	6.12338
375	295	6.12408
380	295	6.12326
385	295	6.12437
390	295	6.12657
395	295	6.12348
400	295	6.12875
405	295	6.1283
410	295	6.12857
415	295	6.12796
420	295	6.12987
425	295	6.12607
430	295	6.12359
435	295	6.12575
440	295	6.12846
445	295	6.12961
450	295	6.12958
455	295	6.12935
460	295	6.12785
465	295	6.12556
470	295	6.1258
475	295	6.13163
480	295	6.12776
485	295	6.13226
490	295	6.1281
495	295	6.13443
500	295	6.13458
505	295	6.12879
510	295	6.13424
515	295	6.12962
520	295	6.13219
525	295	6.12657
530	295	6.1287
535	295	6.12843
540	295	6.12959
545	295	6.12678
550	295	6.12645
555	295	6.12979
560	295	6.12859
565	295	6.13313
570	295	6.12824
575	295	6.12921
580	295	6.13149
585	295	6.12639
590	295	6.12627
595	295	6.12627
600	295	6.12734
605	295	6.12374
610	295	6.12775
615	295	6.1274
620	295	6.13114
625	295	6.12787
630	295	6.12832
635	295	6.13111
640	295	6.12923
645	295	6.13209
650	295	6.13106

EM wavele nm	EX wavele nm	R1 MicroAmps
655	295	6.13522
660	295	6.13083
665	295	6.13025
670	295	6.13148
675	295	6.12495
680	295	6.13001
685	295	6.12816
690	295	6.12931
695	295	6.12637
700	295	6.12714
705	295	6.12685
710	295	6.12708
715	295	6.12644
720	295	6.12709
725	295	6.12377
730	295	6.12927
735	295	6.12633
740	295	6.12814
745	295	6.13098
750	295	6.13261
755	295	6.12987
760	295	6.12872
765	295	6.1295
770	295	6.13172
775	295	6.13063
780	295	6.1263
785	295	6.13017
790	295	6.12938
795	295	6.13027
800	295	6.1299
805	295	6.12904
810	295	6.13194
815	295	6.12829
820	295	6.13302
825	295	6.13109
830	295	6.13058
835	295	6.13393
840	295	6.12991
845	295	6.12876
850	295	6.12321
855	295	6.1209
860	295	6.12453
865	295	6.12499
870	295	6.12696
875	295	6.12754
880	295	6.12979
885	295	6.12971
890	295	6.12925
895	295	6.12906
900	295	6.12894
905	295	6.13065
910	295	6.12705
915	295	6.12972
920	295	6.12653
925	295	6.12984
930	295	6.12866
935	295	6.12925
940	295	6.13061
945	295	6.12484
950	295	6.12827
955	295	6.13141
960	295	6.12539
965	295	6.12658
970	295	6.13009

EM wavele nm	EX wavele nm	R1 MicroAmps
975	295	6.12749
980	295	6.12903
985	295	6.1269
990	295	6.12289
995	295	6.12717
1000	295	6.12791
1005	295	6.12644
1010	295	6.12409
1015	295	6.12687
1020	295	6.12937
1025	295	6.12901
1030	295	6.13055
1035	295	6.12975
1040	295	6.12429
1045	295	6.12999
1050	295	6.12784
1055	295	6.12601
1060	295	6.12676
1065	295	6.12553
1070	295	6.12587
1075	295	6.12498
1080	295	6.13007
1085	295	6.12839
1090	295	6.12821
1095	295	6.13026
1100	295	6.12752
1105	295	6.134
1110	295	6.13223
1115	295	6.12539
1120	295	6.1296
1125	295	6.1264
1130	295	6.1285
1135	295	6.12956
1140	295	6.12967
1145	295	6.13033
1150	295	6.12726
0	300	6.99184
5	300	6.99405
10	300	6.99251
15	300	6.98983
20	300	6.99418
25	300	6.99258
30	300	6.98879
35	300	6.99244
40	300	6.99415
45	300	6.9994
50	300	6.99742
55	300	6.98984
60	300	7.00021
65	300	6.99225
70	300	6.98963
75	300	6.99536
80	300	6.99192
85	300	6.99135
90	300	6.996
95	300	6.98997
100	300	6.99831
105	300	6.99203
110	300	6.9947
115	300	6.99983
120	300	6.99606
125	300	6.9908
130	300	6.9991
135	300	6.99224

EM wavele nm	EX wavele nm	R1 MicroAmps
140	300	6.99289
145	300	6.99267
150	300	6.99411
155	300	6.99859
160	300	6.99663
165	300	6.99745
170	300	6.99732
175	300	6.99311
180	300	6.9967
185	300	6.99539
190	300	6.99259
195	300	6.99832
200	300	6.99668
205	300	6.99071
210	300	6.99702
215	300	6.99165
220	300	6.99597
225	300	6.99221
230	300	6.99053
235	300	6.99551
240	300	6.99289
245	300	6.98987
250	300	6.99348
255	300	6.99408
260	300	6.99167
265	300	6.99169
270	300	6.99478
275	300	6.99699
280	300	6.99287
285	300	6.99545
290	300	6.99516
295	300	6.99195
300	300	6.99194
305	300	6.99225
310	300	6.99704
315	300	6.99235
320	300	6.99067
325	300	6.994
330	300	6.99172
335	300	6.99221
340	300	6.98889
345	300	6.99382
350	300	6.99846
355	300	6.99514
360	300	6.99263
365	300	6.9997
370	300	6.99821
375	300	6.99208
380	300	6.99556
385	300	6.99105
390	300	6.99205
395	300	6.99068
400	300	6.99168
405	300	6.99081
410	300	6.99586
415	300	6.99416
420	300	6.99884
425	300	6.99594
430	300	6.99654
435	300	6.99706
440	300	6.99429
445	300	6.99917
450	300	6.99467
455	300	6.99998

EM wavele nm	EX wavele nm	R1 MicroAmps
460	300	6.99833
465	300	6.99803
470	300	6.99382
475	300	7.00254
480	300	6.99014
485	300	6.99689
490	300	6.99423
495	300	6.9939
500	300	6.99769
505	300	6.99206
510	300	6.9929
515	300	6.99294
520	300	6.9887
525	300	6.99484
530	300	6.99403
535	300	6.99193
540	300	6.99902
545	300	6.99412
550	300	6.99643
555	300	6.99192
560	300	7.00067
565	300	7.01517
570	300	7.01006
575	300	7.00657
580	300	7.00913
585	300	7.00779
590	300	7.00913
595	300	7.00827
600	300	7.00587
605	300	7.00709
610	300	7.00068
615	300	6.99721
620	300	7.00163
625	300	6.99999
630	300	6.99948
635	300	6.99772
640	300	6.99857
645	300	6.99791
650	300	7.001
655	300	6.99768
660	300	6.99457
665	300	6.99677
670	300	7.00352
675	300	7.00046
680	300	6.99754
685	300	7.00397
690	300	7.00086
695	300	7.00322
700	300	6.99688
705	300	6.99586
710	300	6.99709
715	300	6.99659
720	300	6.9897
725	300	6.99187
730	300	6.99622
735	300	6.99435
740	300	6.99434
745	300	6.99853
750	300	7.00037
755	300	6.99885
760	300	7.00278
765	300	6.99906
770	300	6.99617
775	300	7.001

EM wavele nm	EX wavele nm	R1 MicroAmps
780	300	7.00199
785	300	6.99386
790	300	6.9986
795	300	6.99657
800	300	6.99918
805	300	6.99734
810	300	6.99545
815	300	6.99602
820	300	6.99573
825	300	6.99731
830	300	6.99367
835	300	6.99188
840	300	6.99696
845	300	6.99258
850	300	6.99537
855	300	6.99439
860	300	6.99597
865	300	7.00048
870	300	6.99863
875	300	6.99632
880	300	6.99759
885	300	7.00066
890	300	6.99883
895	300	6.99784
900	300	6.99706
905	300	6.99631
910	300	7.00218
915	300	6.99797
920	300	6.99705
925	300	6.99749
930	300	6.99686
935	300	7.00135
940	300	6.99639
945	300	6.9961
950	300	7.00001
955	300	6.99965
960	300	6.99912
965	300	6.99909
970	300	6.99961
975	300	6.99755
980	300	6.99963
985	300	6.99741
990	300	6.99561
995	300	6.99439
1000	300	6.99732
1005	300	6.9939
1010	300	6.99516
1015	300	6.99302
1020	300	6.99549
1025	300	6.99468
1030	300	6.99421
1035	300	6.9929
1040	300	6.99535
1045	300	6.99589
1050	300	7.00182
1055	300	6.99608
1060	300	6.99554
1065	300	7.00318
1070	300	6.9986
1075	300	7.00677
1080	300	7.00173
1085	300	7.00384
1090	300	6.99894
1095	300	6.99866

EM wavele nm	EX wavele nm	R1 MicroAmps
1100	300	7.00517
1105	300	7.00254
1110	300	6.99973
1115	300	7.0016
1120	300	6.99525
1125	300	6.99774
1130	300	6.99476
1135	300	6.99616
1140	300	6.99283
1145	300	6.98895
1150	300	6.98943
0	305	7.73555
5	305	7.73607
10	305	7.73826
15	305	7.73851
20	305	7.73933
25	305	7.74125
30	305	7.73729
35	305	7.73852
40	305	7.73913
45	305	7.73451
50	305	7.73426
55	305	7.73488
60	305	7.73197
65	305	7.73612
70	305	7.73831
75	305	7.73365
80	305	7.73542
85	305	7.72959
90	305	7.73273
95	305	7.73147
100	305	7.72969
105	305	7.73319
110	305	7.73379
115	305	7.73211
120	305	7.73506
125	305	7.73429
130	305	7.73662
135	305	7.73511
140	305	7.73244
145	305	7.73642
150	305	7.73334
155	305	7.72898
160	305	7.7319
165	305	7.73251
170	305	7.72545
175	305	7.73638
180	305	7.7347
185	305	7.73402
190	305	7.73501
195	305	7.72829
200	305	7.73779
205	305	7.73868
210	305	7.72753
215	305	7.73201
220	305	7.73048
225	305	7.73313
230	305	7.73205
235	305	7.73556
240	305	7.73635
245	305	7.73541
250	305	7.73366
255	305	7.73422
260	305	7.73267

EM wavele nm	EX wavele nm	R1 MicroAmps
265	305	7.73461
270	305	7.73562
275	305	7.73654
280	305	7.73365
285	305	7.73741
290	305	7.74308
295	305	7.75313
300	305	7.74409
305	305	7.74348
310	305	7.74486
315	305	7.73976
320	305	7.74054
325	305	7.74184
330	305	7.73583
335	305	7.73341
340	305	7.73446
345	305	7.738
350	305	7.73391
355	305	7.73526
360	305	7.73307
365	305	7.74103
370	305	7.73405
375	305	7.73482
380	305	7.73628
385	305	7.73414
390	305	7.7366
395	305	7.73595
400	305	7.74192
405	305	7.74123
410	305	7.7388
415	305	7.73686
420	305	7.73532
425	305	7.7332
430	305	7.73331
435	305	7.73689
440	305	7.73454
445	305	7.73483
450	305	7.73515
455	305	7.73472
460	305	7.73299
465	305	7.73282
470	305	7.73441
475	305	7.73137
480	305	7.73335
485	305	7.73236
490	305	7.73024
495	305	7.73207
500	305	7.73108
505	305	7.73822
510	305	7.73657
515	305	7.73338
520	305	7.73517
525	305	7.73334
530	305	7.73471
535	305	7.73089
540	305	7.72966
545	305	7.72979
550	305	7.73146
555	305	7.72775
560	305	7.73216
565	305	7.7321
570	305	7.72892
575	305	7.73022
580	305	7.73261

EM wavele nm	EX wavele nm	R1 MicroAmps
585	305	7.73022
590	305	7.72685
595	305	7.7308
600	305	7.73069
605	305	7.73156
610	305	7.7324
615	305	7.7296
620	305	7.72895
625	305	7.73478
630	305	7.72749
635	305	7.72907
640	305	7.73651
645	305	7.732
650	305	7.73365
655	305	7.73337
660	305	7.72899
665	305	7.73583
670	305	7.72691
675	305	7.72912
680	305	7.73273
685	305	7.72741
690	305	7.73041
695	305	7.72978
700	305	7.73323
705	305	7.73471
710	305	7.73626
715	305	7.7342
720	305	7.73614
725	305	7.73757
730	305	7.73702
735	305	7.72801
740	305	7.73582
745	305	7.72986
750	305	7.73043
755	305	7.72603
760	305	7.72754
765	305	7.73253
770	305	7.72928
775	305	7.72938
780	305	7.72707
785	305	7.73191
790	305	7.73068
795	305	7.72927
800	305	7.72321
805	305	7.72861
810	305	7.72304
815	305	7.73109
820	305	7.72811
825	305	7.725
830	305	7.73586
835	305	7.73029
840	305	7.72839
845	305	7.7319
850	305	7.72741
855	305	7.73829
860	305	7.73043
865	305	7.73285
870	305	7.73123
875	305	7.73032
880	305	7.73057
885	305	7.72663
890	305	7.73004
895	305	7.73082
900	305	7.72845

EM wavele nm	EX wavele nm	R1 MicroAmps
905	305	7.73257
910	305	7.72429
915	305	7.73302
920	305	7.73044
925	305	7.72347
930	305	7.73171
935	305	7.72169
940	305	7.73591
945	305	7.72431
950	305	7.72481
955	305	7.73045
960	305	7.72792
965	305	7.73098
970	305	7.72722
975	305	7.72736
980	305	7.7308
985	305	7.72565
990	305	7.73325
995	305	7.72826
1000	305	7.72983
1005	305	7.73364
1010	305	7.72977
1015	305	7.73598
1020	305	7.73071
1025	305	7.73354
1030	305	7.732
1035	305	7.73311
1040	305	7.73135
1045	305	7.72701
1050	305	7.72906
1055	305	7.73099
1060	305	7.73016
1065	305	7.7328
1070	305	7.72188
1075	305	7.72585
1080	305	7.72801
1085	305	7.72591
1090	305	7.7288
1095	305	7.72521
1100	305	7.72186
1105	305	7.72303
1110	305	7.72565
1115	305	7.72458
1120	305	7.72177
1125	305	7.72519
1130	305	7.72789
1135	305	7.72941
1140	305	7.72232
1145	305	7.73112
1150	305	7.72138
0	310	8.43086
5	310	8.43087
10	310	8.42965
15	310	8.43061
20	310	8.43138
25	310	8.43313
30	310	8.43192
35	310	8.43082
40	310	8.42889
45	310	8.42856
50	310	8.42585
55	310	8.43109
60	310	8.43213
65	310	8.42841

EM wavele nm	EX wavele nm	R1 MicroAmps
70	310	8.43782
75	310	8.43392
80	310	8.4389
85	310	8.42873
90	310	8.4308
95	310	8.43604
100	310	8.42962
105	310	8.43054
110	310	8.43429
115	310	8.43364
120	310	8.42837
125	310	8.43532
130	310	8.4333
135	310	8.4332
140	310	8.42687
145	310	8.42605
150	310	8.42536
155	310	8.42312
160	310	8.42848
165	310	8.4303
170	310	8.4336
175	310	8.42659
180	310	8.42854
185	310	8.42828
190	310	8.42863
195	310	8.42981
200	310	8.4291
205	310	8.42917
210	310	8.42744
215	310	8.42645
220	310	8.4244
225	310	8.42017
230	310	8.42159
235	310	8.4286
240	310	8.42521
245	310	8.42658
250	310	8.43527
255	310	8.42842
260	310	8.43077
265	310	8.43127
270	310	8.43088
275	310	8.43072
280	310	8.42809
285	310	8.43363
290	310	8.428
295	310	8.42927
300	310	8.42686
305	310	8.43128
310	310	8.42988
315	310	8.42766
320	310	8.43086
325	310	8.42523
330	310	8.42587
335	310	8.43208
340	310	8.42586
345	310	8.4296
350	310	8.43194
355	310	8.42938
360	310	8.42824
365	310	8.42617
370	310	8.42419
375	310	8.42832
380	310	8.42486
385	310	8.42885

EM wavele nm	EX wavele nm	R1 MicroAmps
390	310	8.43018
395	310	8.42729
400	310	8.43
405	310	8.42875
410	310	8.42347
415	310	8.42515
420	310	8.42547
425	310	8.42033
430	310	8.42659
435	310	8.42169
440	310	8.42409
445	310	8.43015
450	310	8.43319
455	310	8.43756
460	310	8.4304
465	310	8.43457
470	310	8.4339
475	310	8.43496
480	310	8.43608
485	310	8.43105
490	310	8.43335
495	310	8.43023
500	310	8.43499
505	310	8.43807
510	310	8.43831
515	310	8.43403
520	310	8.43736
525	310	8.4365
530	310	8.43108
535	310	8.43348
540	310	8.43275
545	310	8.43971
550	310	8.43442
555	310	8.43396
560	310	8.4311
565	310	8.43286
570	310	8.42561
575	310	8.42813
580	310	8.43288
585	310	8.42988
590	310	8.42965
595	310	8.42784
600	310	8.42733
605	310	8.42732
610	310	8.4349
615	310	8.43762
620	310	8.43421
625	310	8.43761
630	310	8.43878
635	310	8.43492
640	310	8.43604
645	310	8.43597
650	310	8.43405
655	310	8.43212
660	310	8.43003
665	310	8.43012
670	310	8.43699
675	310	8.43153
680	310	8.4345
685	310	8.4339
690	310	8.43048
695	310	8.43223
700	310	8.43186
705	310	8.42974

EM wavele nm	EX wavele nm	R1 MicroAmps
710	310	8.43082
715	310	8.43224
720	310	8.44709
725	310	8.44751
730	310	8.44659
735	310	8.44354
740	310	8.44382
745	310	8.43944
750	310	8.43928
755	310	8.43699
760	310	8.43868
765	310	8.43016
770	310	8.43463
775	310	8.43361
780	310	8.4363
785	310	8.42664
790	310	8.43333
795	310	8.4332
800	310	8.42633
805	310	8.4265
810	310	8.43153
815	310	8.43494
820	310	8.43246
825	310	8.43279
830	310	8.42967
835	310	8.43216
840	310	8.43707
845	310	8.43012
850	310	8.43172
855	310	8.429
860	310	8.43401
865	310	8.43252
870	310	8.43777
875	310	8.43077
880	310	8.43482
885	310	8.43439
890	310	8.43426
895	310	8.42424
900	310	8.43481
905	310	8.43599
910	310	8.43085
915	310	8.43145
920	310	8.43555
925	310	8.43219
930	310	8.43431
935	310	8.43285
940	310	8.43161
945	310	8.43238
950	310	8.43301
955	310	8.42983
960	310	8.42551
965	310	8.42557
970	310	8.42333
975	310	8.43075
980	310	8.42576
985	310	8.43342
990	310	8.43095
995	310	8.43489
1000	310	8.43482
1005	310	8.43266
1010	310	8.43436
1015	310	8.43554
1020	310	8.42981
1025	310	8.43552

EM wavele nm	EX wavele nm	R1 MicroAmps
1030	310	8.43479
1035	310	8.43988
1040	310	8.44002
1045	310	8.43967
1050	310	8.43724
1055	310	8.4434
1060	310	8.44453
1065	310	8.43895
1070	310	8.43922
1075	310	8.43491
1080	310	8.43786
1085	310	8.4357
1090	310	8.42981
1095	310	8.4297
1100	310	8.42846
1105	310	8.43404
1110	310	8.42967
1115	310	8.4317
1120	310	8.43089
1125	310	8.42857
1130	310	8.43357
1135	310	8.43432
1140	310	8.43634
1145	310	8.43029
1150	310	8.43329
0	315	9.15462
5	315	9.14803
10	315	9.14937
15	315	9.14003
20	315	9.14674
25	315	9.13953
30	315	9.13723
35	315	9.14509
40	315	9.14067
45	315	9.13879
50	315	9.14541
55	315	9.13827
60	315	9.13874
65	315	9.14148
70	315	9.14024
75	315	9.14301
80	315	9.14389
85	315	9.1378
90	315	9.14267
95	315	9.13492
100	315	9.13644
105	315	9.14302
110	315	9.14258
115	315	9.14183
120	315	9.14708
125	315	9.14426
130	315	9.14485
135	315	9.14348
140	315	9.13972
145	315	9.14252
150	315	9.14411
155	315	9.14422
160	315	9.14564
165	315	9.1388
170	315	9.1431
175	315	9.14689
180	315	9.14344
185	315	9.14516
190	315	9.14316

EM wavele nm	EX wavele nm	R1 MicroAmps
195	315	9.14076
200	315	9.14346
205	315	9.13958
210	315	9.14558
215	315	9.13954
220	315	9.13698
225	315	9.13895
230	315	9.14091
235	315	9.13557
240	315	9.14284
245	315	9.13857
250	315	9.14933
255	315	9.14424
260	315	9.14165
265	315	9.14469
270	315	9.14511
275	315	9.13934
280	315	9.14759
285	315	9.14414
290	315	9.14017
295	315	9.13922
300	315	9.139
305	315	9.14279
310	315	9.13815
315	315	9.13939
320	315	9.14881
325	315	9.14175
330	315	9.14542
335	315	9.14625
340	315	9.14249
345	315	9.14106
350	315	9.14048
355	315	9.1402
360	315	9.1403
365	315	9.14066
370	315	9.14361
375	315	9.14235
380	315	9.13945
385	315	9.14342
390	315	9.14283
395	315	9.13828
400	315	9.14305
405	315	9.14137
410	315	9.13613
415	315	9.13975
420	315	9.13489
425	315	9.14131
430	315	9.1377
435	315	9.14535
440	315	9.14516
445	315	9.14686
450	315	9.14147
455	315	9.14352
460	315	9.14024
465	315	9.14149
470	315	9.14567
475	315	9.14231
480	315	9.15168
485	315	9.14193
490	315	9.14944
495	315	9.14622
500	315	9.13699
505	315	9.14543
510	315	9.14208

EM wavele nm	EX wavele nm	R1 MicroAmps
515	315	9.14666
520	315	9.14235
525	315	9.1469
530	315	9.1502
535	315	9.14676
540	315	9.14663
545	315	9.147
550	315	9.14911
555	315	9.14235
560	315	9.14848
565	315	9.14513
570	315	9.14799
575	315	9.1457
580	315	9.14406
585	315	9.15048
590	315	9.14053
595	315	9.14457
600	315	9.14313
605	315	9.14737
610	315	9.14131
615	315	9.14642
620	315	9.14532
625	315	9.15079
630	315	9.14446
635	315	9.14499
640	315	9.14633
645	315	9.14626
650	315	9.14866
655	315	9.14756
660	315	9.14726
665	315	9.15127
670	315	9.14116
675	315	9.14505
680	315	9.15012
685	315	9.15093
690	315	9.14633
695	315	9.14498
700	315	9.14827
705	315	9.14871
710	315	9.14662
715	315	9.14255
720	315	9.14854
725	315	9.15328
730	315	9.146
735	315	9.14387
740	315	9.14596
745	315	9.14917
750	315	9.14915
755	315	9.14463
760	315	9.14026
765	315	9.14776
770	315	9.14685
775	315	9.14129
780	315	9.14387
785	315	9.14494
790	315	9.14594
795	315	9.13812
800	315	9.14547
805	315	9.14696
810	315	9.149
815	315	9.142
820	315	9.14981
825	315	9.14936
830	315	9.15101

EM wavele nm	EX wavele nm	R1 MicroAmps
835	315	9.1469
840	315	9.14583
845	315	9.15058
850	315	9.14917
855	315	9.14514
860	315	9.14172
865	315	9.13815
870	315	9.14271
875	315	9.13799
880	315	9.14838
885	315	9.15423
890	315	9.15155
895	315	9.14766
900	315	9.14302
905	315	9.14664
910	315	9.13889
915	315	9.13882
920	315	9.1362
925	315	9.14358
930	315	9.13858
935	315	9.13881
940	315	9.14036
945	315	9.14025
950	315	9.13929
955	315	9.14074
960	315	9.14211
965	315	9.1508
970	315	9.1418
975	315	9.15129
980	315	9.1476
985	315	9.14823
990	315	9.15132
995	315	9.14786
1000	315	9.14705
1005	315	9.15046
1010	315	9.14175
1015	315	9.14498
1020	315	9.14236
1025	315	9.14862
1030	315	9.14198
1035	315	9.14165
1040	315	9.1457
1045	315	9.14622
1050	315	9.15039
1055	315	9.14575
1060	315	9.14453
1065	315	9.1472
1070	315	9.14886
1075	315	9.14605
1080	315	9.14808
1085	315	9.14344
1090	315	9.15149
1095	315	9.14464
1100	315	9.14941
1105	315	9.14552
1110	315	9.14651
1115	315	9.14848
1120	315	9.14837
1125	315	9.14638
1130	315	9.14848
1135	315	9.14788
1140	315	9.14153
1145	315	9.14595
1150	315	9.1441

EM wavele nm	EX wavele nm	R1 MicroAmps
0	320	9.93621
5	320	9.93799
10	320	9.93753
15	320	9.9364
20	320	9.9405
25	320	9.93779
30	320	9.94483
35	320	9.943
40	320	9.95141
45	320	9.93389
50	320	9.94288
55	320	9.93437
60	320	9.94027
65	320	9.93312
70	320	9.93459
75	320	9.9409
80	320	9.93658
85	320	9.93734
90	320	9.94028
95	320	9.94149
100	320	9.94437
105	320	9.94678
110	320	9.94305
115	320	9.94731
120	320	9.94212
125	320	9.94268
130	320	9.94507
135	320	9.94079
140	320	9.94453
145	320	9.94329
150	320	9.93893
155	320	9.93324
160	320	9.94181
165	320	9.9372
170	320	9.93778
175	320	9.94032
180	320	9.94064
185	320	9.94506
190	320	9.93817
195	320	9.94347
200	320	9.94112
205	320	9.9414
210	320	9.94032
215	320	9.94625
220	320	9.92872
225	320	9.93442
230	320	9.93108
235	320	9.932
240	320	9.92809
245	320	9.93253
250	320	9.93399
255	320	9.9319
260	320	9.92934
265	320	9.93536
270	320	9.93786
275	320	9.93445
280	320	9.94495
285	320	9.94046
290	320	9.93593
295	320	9.94053
300	320	9.94274
305	320	9.94193
310	320	9.94304
315	320	9.94302

EM wavele nm	EX wavele nm	R1 MicroAmps
320	320	9.94149
325	320	9.93969
330	320	9.93881
335	320	9.94021
340	320	9.931
345	320	9.93885
350	320	9.94028
355	320	9.93489
360	320	9.93652
365	320	9.93733
370	320	9.93596
375	320	9.93676
380	320	9.93801
385	320	9.94097
390	320	9.94011
395	320	9.93328
400	320	9.93873
405	320	9.93887
410	320	9.93112
415	320	9.94086
420	320	9.9311
425	320	9.92647
430	320	9.93568
435	320	9.92819
440	320	9.93465
445	320	9.92841
450	320	9.9305
455	320	9.93306
460	320	9.92457
465	320	9.92927
470	320	9.93315
475	320	9.94004
480	320	9.93288
485	320	9.94001
490	320	9.93726
495	320	9.93609
500	320	9.9337
505	320	9.93998
510	320	9.93992
515	320	9.93603
520	320	9.93691
525	320	9.93461
530	320	9.93604
535	320	9.93207
540	320	9.93631
545	320	9.93441
550	320	9.93065
555	320	9.93236
560	320	9.932
565	320	9.92507
570	320	9.9282
575	320	9.93268
580	320	9.93241
585	320	9.92926
590	320	9.93751
595	320	9.93932
600	320	9.93978
605	320	9.93383
610	320	9.93765
615	320	9.93583
620	320	9.93259
625	320	9.93536
630	320	9.92984
635	320	9.93656

EM wavele nm	EX wavele nm	R1 MicroAmps
640	320	9.93196
645	320	9.93571
650	320	9.93661
655	320	9.93149
660	320	9.9323
665	320	9.93356
670	320	9.92284
675	320	9.92502
680	320	9.92691
685	320	9.92431
690	320	9.92343
695	320	9.92045
700	320	9.92944
705	320	9.92765
710	320	9.92571
715	320	9.92814
720	320	9.94071
725	320	9.93317
730	320	9.93757
735	320	9.93357
740	320	9.93285
745	320	9.93241
750	320	9.93001
755	320	9.9323
760	320	9.93642
765	320	9.94168
770	320	9.93587
775	320	9.93014
780	320	9.93558
785	320	9.92852
790	320	9.93154
795	320	9.93182
800	320	9.92959
805	320	9.93369
810	320	9.92947
815	320	9.93153
820	320	9.93111
825	320	9.93162
830	320	9.93126
835	320	9.92977
840	320	9.93075
845	320	9.93507
850	320	9.92885
855	320	9.93784
860	320	9.92744
865	320	9.92873
870	320	9.93257
875	320	9.92621
880	320	9.93482
885	320	9.93401
890	320	9.93008
895	320	9.9358
900	320	9.93234
905	320	9.93923
910	320	9.93918
915	320	9.93511
920	320	9.94347
925	320	9.93322
930	320	9.93736
935	320	9.93244
940	320	9.93055
945	320	9.93453
950	320	9.93254
955	320	9.93133

EM wavele nm	EX wavele nm	R1 MicroAmps
960	320	9.92933
965	320	9.92673
970	320	9.93325
975	320	9.92375
980	320	9.92649
985	320	9.92522
990	320	9.93241
995	320	9.9295
1000	320	9.93568
1005	320	9.92816
1010	320	9.93367
1015	320	9.93564
1020	320	9.93428
1025	320	9.93147
1030	320	9.92727
1035	320	9.93124
1040	320	9.92455
1045	320	9.92723
1050	320	9.91923
1055	320	9.92422
1060	320	9.92765
1065	320	9.93229
1070	320	9.92581
1075	320	9.92795
1080	320	9.92875
1085	320	9.93184
1090	320	9.9277
1095	320	9.93557
1100	320	9.92841
1105	320	9.93459
1110	320	9.93381
1115	320	9.92956
1120	320	9.92944
1125	320	9.92608
1130	320	9.92461
1135	320	9.93196
1140	320	9.92895
1145	320	9.924
1150	320	9.93108
0	325	10.76613
5	325	10.75863
10	325	10.75482
15	325	10.76117
20	325	10.75163
25	325	10.75708
30	325	10.76175
35	325	10.7552
40	325	10.75583
45	325	10.76384
50	325	10.75806
55	325	10.75776
60	325	10.75348
65	325	10.75779
70	325	10.75417
75	325	10.7507
80	325	10.75967
85	325	10.75501
90	325	10.75247
95	325	10.75622
100	325	10.74433
105	325	10.75293
110	325	10.75534
115	325	10.75233
120	325	10.75737

EM wavele nm	EX wavele nm	R1 MicroAmps
125	325	10.75796
130	325	10.76236
135	325	10.7586
140	325	10.75867
145	325	10.76467
150	325	10.76689
155	325	10.75984
160	325	10.76312
165	325	10.75994
170	325	10.76068
175	325	10.76205
180	325	10.7661
185	325	10.7557
190	325	10.7621
195	325	10.76224
200	325	10.75684
205	325	10.76796
210	325	10.75632
215	325	10.76997
220	325	10.75898
225	325	10.76238
230	325	10.76737
235	325	10.75623
240	325	10.75491
245	325	10.76335
250	325	10.75704
255	325	10.76091
260	325	10.75987
265	325	10.76025
270	325	10.76141
275	325	10.76285
280	325	10.7631
285	325	10.76262
290	325	10.7563
295	325	10.75961
300	325	10.76417
305	325	10.76294
310	325	10.76606
315	325	10.76663
320	325	10.76997
325	325	10.76669
330	325	10.77509
335	325	10.76869
340	325	10.76826
345	325	10.76672
350	325	10.77098
355	325	10.76422
360	325	10.75667
365	325	10.76884
370	325	10.76322
375	325	10.76046
380	325	10.7615
385	325	10.76067
390	325	10.76252
395	325	10.75901
400	325	10.7609
405	325	10.76622
410	325	10.77017
415	325	10.76386
420	325	10.77197
425	325	10.77098
430	325	10.77374
435	325	10.76975
440	325	10.77433

EM wavele nm	EX wavele nm	R1 MicroAmps
445	325	10.76636
450	325	10.76823
455	325	10.77012
460	325	10.76499
465	325	10.76196
470	325	10.76533
475	325	10.76849
480	325	10.76728
485	325	10.76045
490	325	10.76401
495	325	10.76409
500	325	10.76384
505	325	10.76719
510	325	10.76403
515	325	10.76381
520	325	10.7589
525	325	10.76516
530	325	10.76491
535	325	10.76724
540	325	10.76805
545	325	10.76913
550	325	10.76288
555	325	10.76574
560	325	10.76831
565	325	10.76866
570	325	10.76662
575	325	10.76662
580	325	10.77139
585	325	10.77222
590	325	10.77109
595	325	10.76773
600	325	10.7682
605	325	10.76943
610	325	10.76548
615	325	10.75858
620	325	10.75832
625	325	10.75617
630	325	10.76382
635	325	10.75261
640	325	10.76255
645	325	10.76528
650	325	10.76221
655	325	10.76468
660	325	10.77224
665	325	10.76443
670	325	10.76263
675	325	10.76454
680	325	10.76443
685	325	10.76384
690	325	10.75684
695	325	10.76754
700	325	10.76194
705	325	10.7679
710	325	10.76681
715	325	10.76702
720	325	10.76431
725	325	10.76288
730	325	10.76612
735	325	10.76728
740	325	10.76841
745	325	10.76391
750	325	10.76888
755	325	10.77267
760	325	10.77577

EM wavele nm	EX wavele nm	R1 MicroAmps
765	325	10.76663
770	325	10.77067
775	325	10.77131
780	325	10.76443
785	325	10.76462
790	325	10.76776
795	325	10.76376
800	325	10.76831
805	325	10.76658
810	325	10.75688
815	325	10.7626
820	325	10.75914
825	325	10.75652
830	325	10.7526
835	325	10.76011
840	325	10.76038
845	325	10.75682
850	325	10.76464
855	325	10.76254
860	325	10.76684
865	325	10.77708
870	325	10.76542
875	325	10.76899
880	325	10.77212
885	325	10.77367
890	325	10.76719
895	325	10.76737
900	325	10.77686
905	325	10.77194
910	325	10.77007
915	325	10.77192
920	325	10.76855
925	325	10.77067
930	325	10.76882
935	325	10.75706
940	325	10.76407
945	325	10.75711
950	325	10.75526
955	325	10.75278
960	325	10.76267
965	325	10.75616
970	325	10.76206
975	325	10.76425
980	325	10.76559
985	325	10.76618
990	325	10.7703
995	325	10.76424
1000	325	10.77066
1005	325	10.77122
1010	325	10.76578
1015	325	10.76949
1020	325	10.77021
1025	325	10.77166
1030	325	10.76817
1035	325	10.76696
1040	325	10.77043
1045	325	10.77374
1050	325	10.76624
1055	325	10.76787
1060	325	10.76255
1065	325	10.76293
1070	325	10.76645
1075	325	10.77124
1080	325	10.76787

EM wavele nm	EX wavele nm	R1 MicroAmps
1085	325	10.76525
1090	325	10.7676
1095	325	10.76582
1100	325	10.76353
1105	325	10.76557
1110	325	10.75335
1115	325	10.76285
1120	325	10.75978
1125	325	10.75926
1130	325	10.76316
1135	325	10.75844
1140	325	10.76678
1145	325	10.76248
1150	325	10.77232
0	330	11.53854
5	330	11.53802
10	330	11.54522
15	330	11.53267
20	330	11.53545
25	330	11.54007
30	330	11.5346
35	330	11.53635
40	330	11.53859
45	330	11.53852
50	330	11.53769
55	330	11.5388
60	330	11.54107
65	330	11.53948
70	330	11.54129
75	330	11.5448
80	330	11.54338
85	330	11.53546
90	330	11.54263
95	330	11.54212
100	330	11.53797
105	330	11.5403
110	330	11.53674
115	330	11.53882
120	330	11.54181
125	330	11.5418
130	330	11.53806
135	330	11.54678
140	330	11.53855
145	330	11.53783
150	330	11.53383
155	330	11.53928
160	330	11.53985
165	330	11.53153
170	330	11.52869
175	330	11.54143
180	330	11.53532
185	330	11.53591
190	330	11.54404
195	330	11.5403
200	330	11.54778
205	330	11.54608
210	330	11.53668
215	330	11.54475
220	330	11.53845
225	330	11.53585
230	330	11.54388
235	330	11.52346
240	330	11.53508
245	330	11.53433

EM wavele nm	EX wavele nm	R1 MicroAmps
250	330	11.53031
255	330	11.54067
260	330	11.54289
265	330	11.53082
270	330	11.54595
275	330	11.53556
280	330	11.54277
285	330	11.54392
290	330	11.53925
295	330	11.54365
300	330	11.5453
305	330	11.54313
310	330	11.54454
315	330	11.54234
320	330	11.54032
325	330	11.53766
330	330	11.54001
335	330	11.53961
340	330	11.55039
345	330	11.53967
350	330	11.54304
355	330	11.54484
360	330	11.54143
365	330	11.54551
370	330	11.54227
375	330	11.53912
380	330	11.53766
385	330	11.53295
390	330	11.5341
395	330	11.53161
400	330	11.53299
405	330	11.53733
410	330	11.53938
415	330	11.53942
420	330	11.53341
425	330	11.53983
430	330	11.53531
435	330	11.53892
440	330	11.54154
445	330	11.53827
450	330	11.53612
455	330	11.53308
460	330	11.54298
465	330	11.53439
470	330	11.53777
475	330	11.53906
480	330	11.53796
485	330	11.53336
490	330	11.52811
495	330	11.53798
500	330	11.52438
505	330	11.53355
510	330	11.53871
515	330	11.5384
520	330	11.53098
525	330	11.54209
530	330	11.53602
535	330	11.5436
540	330	11.54152
545	330	11.54204
550	330	11.54391
555	330	11.53601
560	330	11.5307
565	330	11.53926

EM wavele nm	EX wavele nm	R1 MicroAmps
570	330	11.53522
575	330	11.52956
580	330	11.53681
585	330	11.53952
590	330	11.529
595	330	11.53956
600	330	11.5397
605	330	11.5402
610	330	11.53075
615	330	11.53611
620	330	11.54191
625	330	11.53643
630	330	11.53393
635	330	11.53657
640	330	11.53909
645	330	11.52854
650	330	11.52953
655	330	11.53885
660	330	11.53157
665	330	11.5289
670	330	11.53634
675	330	11.53501
680	330	11.54798
685	330	11.55299
690	330	11.54929
695	330	11.55546
700	330	11.55171
705	330	11.54837
710	330	11.54671
715	330	11.55245
720	330	11.55422
725	330	11.54371
730	330	11.54968
735	330	11.54525
740	330	11.54955
745	330	11.55384
750	330	11.54445
755	330	11.5488
760	330	11.55174
765	330	11.55077
770	330	11.5475
775	330	11.54401
780	330	11.5495
785	330	11.53379
790	330	11.54272
795	330	11.54744
800	330	11.54074
805	330	11.53737
810	330	11.53968
815	330	11.53284
820	330	11.53729
825	330	11.534
830	330	11.53821
835	330	11.54056
840	330	11.54435
845	330	11.54394
850	330	11.54016
855	330	11.54476
860	330	11.54672
865	330	11.53677
870	330	11.5473
875	330	11.54309
880	330	11.54754
885	330	11.54705

EM wavele nm	EX wavele nm	R1 MicroAmps
890	330	11.5463
895	330	11.54328
900	330	11.55579
905	330	11.60235
910	330	11.58554
915	330	11.63813
920	330	11.6124
925	330	11.61918
930	330	11.60494
935	330	11.58024
940	330	11.56798
945	330	11.5511
950	330	11.54723
955	330	11.52828
960	330	11.53825
965	330	11.53564
970	330	11.53952
975	330	11.5404
980	330	11.53399
985	330	11.55361
990	330	11.53858
995	330	11.54155
1000	330	11.54648
1005	330	11.54728
1010	330	11.55351
1015	330	11.54117
1020	330	11.54376
1025	330	11.54858
1030	330	11.56474
1035	330	11.63483
1040	330	11.66341
1045	330	11.66885
1050	330	11.6093
1055	330	11.58307
1060	330	11.5575
1065	330	11.54245
1070	330	11.53111
1075	330	11.52792
1080	330	11.52724
1085	330	11.52052
1090	330	11.53513
1095	330	11.52153
1100	330	11.54219
1105	330	11.52898
1110	330	11.54019
1115	330	11.54378
1120	330	11.53949
1125	330	11.54511
1130	330	11.54511
1135	330	11.53746
1140	330	11.54496
1145	330	11.54297
1150	330	11.55094
0	335	12.27894
5	335	12.29094
10	335	12.28026
15	335	12.28779
20	335	12.28878
25	335	12.28876
30	335	12.28447
35	335	12.28673
40	335	12.28724
45	335	12.29129
50	335	12.29137

EM wavele nm	EX wavele nm	R1 MicroAmps
55	335	12.30199
60	335	12.29026
65	335	12.29025
70	335	12.29481
75	335	12.29137
80	335	12.29285
85	335	12.29367
90	335	12.28977
95	335	12.29552
100	335	12.2868
105	335	12.2906
110	335	12.28617
115	335	12.2838
120	335	12.28846
125	335	12.28848
130	335	12.2853
135	335	12.2915
140	335	12.28719
145	335	12.28567
150	335	12.28752
155	335	12.28408
160	335	12.29111
165	335	12.30666
170	335	12.30211
175	335	12.31019
180	335	12.30423
185	335	12.30549
190	335	12.30955
195	335	12.3034
200	335	12.30102
205	335	12.29909
210	335	12.29996
215	335	12.2927
220	335	12.28922
225	335	12.28952
230	335	12.28872
235	335	12.28062
240	335	12.28689
245	335	12.28751
250	335	12.28432
255	335	12.28693
260	335	12.28928
265	335	12.28969
270	335	12.28986
275	335	12.30304
280	335	12.29405
285	335	12.29296
290	335	12.29382
295	335	12.29771
300	335	12.29285
305	335	12.29326
310	335	12.29335
315	335	12.29605
320	335	12.2925
325	335	12.2929
330	335	12.29387
335	335	12.29395
340	335	12.28767
345	335	12.29048
350	335	12.29281
355	335	12.29062
360	335	12.28605
365	335	12.29529
370	335	12.28544

EM wavele nm	EX wavele nm	R1 MicroAmps
375	335	12.29498
380	335	12.2894
385	335	12.29059
390	335	12.29077
395	335	12.28616
400	335	12.29118
405	335	12.28601
410	335	12.27861
415	335	12.29158
420	335	12.29118
425	335	12.29739
430	335	12.29291
435	335	12.29671
440	335	12.3009
445	335	12.29478
450	335	12.29979
455	335	12.29211
460	335	12.29308
465	335	12.29958
470	335	12.30188
475	335	12.29278
480	335	12.29299
485	335	12.30208
490	335	12.28518
495	335	12.29632
500	335	12.28793
505	335	12.29135
510	335	12.29302
515	335	12.29019
520	335	12.29774
525	335	12.29986
530	335	12.29268
535	335	12.29824
540	335	12.29754
545	335	12.28625
550	335	12.30014
555	335	12.28764
560	335	12.29175
565	335	12.29236
570	335	12.29077
575	335	12.29688
580	335	12.28975
585	335	12.2964
590	335	12.29375
595	335	12.29858
600	335	12.28933
605	335	12.29611
610	335	12.29688
615	335	12.28934
620	335	12.2895
625	335	12.28968
630	335	12.29459
635	335	12.28624
640	335	12.3018
645	335	12.29559
650	335	12.29442
655	335	12.30183
660	335	12.29054
665	335	12.30141
670	335	12.29655
675	335	12.29591
680	335	12.3048
685	335	12.30109
690	335	12.29994

EM wavele nm	EX wavele nm	R1 MicroAmps
695	335	12.29547
700	335	12.29636
705	335	12.2912
710	335	12.29355
715	335	12.29271
720	335	12.29807
725	335	12.29658
730	335	12.29891
735	335	12.2933
740	335	12.29548
745	335	12.30035
750	335	12.29569
755	335	12.29197
760	335	12.29287
765	335	12.29454
770	335	12.2902
775	335	12.29326
780	335	12.29507
785	335	12.29428
790	335	12.29774
795	335	12.29706
800	335	12.29234
805	335	12.30289
810	335	12.29758
815	335	12.29785
820	335	12.28417
825	335	12.28716
830	335	12.29011
835	335	12.29108
840	335	12.29732
845	335	12.29744
850	335	12.29572
855	335	12.30301
860	335	12.30326
865	335	12.3066
870	335	12.30739
875	335	12.30802
880	335	12.30459
885	335	12.30186
890	335	12.30594
895	335	12.30146
900	335	12.30405
905	335	12.30373
910	335	12.29681
915	335	12.30417
920	335	12.3007
925	335	12.303
930	335	12.29404
935	335	12.29988
940	335	12.3018
945	335	12.29146
950	335	12.30633
955	335	12.29996
960	335	12.29942
965	335	12.29894
970	335	12.29503
975	335	12.29717
980	335	12.29109
985	335	12.29213
990	335	12.28918
995	335	12.29979
1000	335	12.30019
1005	335	12.30066
1010	335	12.29476

EM wavele nm	EX wavele nm	R1 MicroAmps
1015	335	12.29267
1020	335	12.2872
1025	335	12.28472
1030	335	12.28208
1035	335	12.28384
1040	335	12.28447
1045	335	12.2791
1050	335	12.28068
1055	335	12.28712
1060	335	12.28364
1065	335	12.28436
1070	335	12.2843
1075	335	12.28874
1080	335	12.28958
1085	335	12.29224
1090	335	12.29727
1095	335	12.28897
1100	335	12.28957
1105	335	12.28695
1110	335	12.29712
1115	335	12.30124
1120	335	12.3005
1125	335	12.29374
1130	335	12.293
1135	335	12.29474
1140	335	12.2938
1145	335	12.29478
1150	335	12.2838
0	340	12.96862
5	340	12.96147
10	340	12.96883
15	340	12.97007
20	340	12.9579
25	340	12.96096
30	340	12.96106
35	340	12.96708
40	340	12.95843
45	340	12.96824
50	340	12.96509
55	340	12.96339
60	340	12.95665
65	340	12.96227
70	340	12.9598
75	340	12.94976
80	340	12.96403
85	340	12.95453
90	340	12.95681
95	340	12.96071
100	340	12.96829
105	340	12.96443
110	340	12.96124
115	340	12.96616
120	340	12.96661
125	340	12.95731
130	340	12.95828
135	340	12.96332
140	340	12.9608
145	340	12.97127
150	340	12.96442
155	340	12.97073
160	340	12.96702
165	340	12.97107
170	340	12.96998
175	340	12.96738

EM wavele nm	EX wavele nm	R1 MicroAmps
180	340	12.97008
185	340	12.97036
190	340	12.96561
195	340	12.95503
200	340	12.95843
205	340	12.96678
210	340	12.95657
215	340	12.95987
220	340	12.95621
225	340	12.96658
230	340	12.96878
235	340	12.96507
240	340	12.9643
245	340	12.96721
250	340	12.96025
255	340	12.9689
260	340	12.96243
265	340	12.95776
270	340	12.97109
275	340	12.96098
280	340	12.95981
285	340	12.97127
290	340	12.96172
295	340	12.96519
300	340	12.96712
305	340	12.96298
310	340	12.96808
315	340	12.97179
320	340	12.95524
325	340	12.97137
330	340	12.95907
335	340	12.95988
340	340	12.97079
345	340	12.96421
350	340	12.96165
355	340	12.9637
360	340	12.95666
365	340	12.96782
370	340	12.95641
375	340	12.95666
380	340	12.95919
385	340	12.95779
390	340	12.96189
395	340	12.96372
400	340	12.96561
405	340	12.96125
410	340	12.96806
415	340	12.96581
420	340	12.96811
425	340	12.96416
430	340	12.96226
435	340	12.9638
440	340	12.96007
445	340	12.96588
450	340	12.96496
455	340	12.95906
460	340	12.96073
465	340	12.96054
470	340	12.9591
475	340	12.95569
480	340	12.96
485	340	12.95543
490	340	12.95761
495	340	12.96305

EM wavele nm	EX wavele nm	R1 MicroAmps
500	340	12.9582
505	340	12.96068
510	340	12.96445
515	340	12.97029
520	340	12.96503
525	340	12.95979
530	340	12.9654
535	340	12.96413
540	340	12.96084
545	340	12.96146
550	340	12.96218
555	340	12.95875
560	340	12.95949
565	340	12.96497
570	340	12.96023
575	340	12.96672
580	340	12.96275
585	340	12.96019
590	340	12.96496
595	340	12.96001
600	340	12.95748
605	340	12.96587
610	340	12.95918
615	340	12.9612
620	340	12.96157
625	340	12.95854
630	340	12.95858
635	340	12.95775
640	340	12.96551
645	340	12.96466
650	340	12.95875
655	340	12.96409
660	340	12.98987
665	340	12.99289
670	340	12.99533
675	340	12.98493
680	340	12.98429
685	340	12.97691
690	340	12.97283
695	340	12.95813
700	340	12.96202
705	340	13.01473
710	340	13.04053
715	340	13.01608
720	340	13.023
725	340	12.99025
730	340	13.01733
735	340	12.99765
740	340	12.98531
745	340	12.9834
750	340	12.96424
755	340	12.95791
760	340	12.94302
765	340	12.94368
770	340	12.93631
775	340	12.93861
780	340	12.94311
785	340	12.95064
790	340	12.94328
795	340	12.95922
800	340	12.94972
805	340	12.96292
810	340	12.94381
815	340	12.95701

EM wavele nm	EX wavele nm	R1 MicroAmps
820	340	12.95793
825	340	12.99034
830	340	13.01755
835	340	13.02672
840	340	13.07529
845	340	13.08994
850	340	13.08213
855	340	13.04542
860	340	13.01254
865	340	12.98397
870	340	12.97164
875	340	12.96836
880	340	12.96254
885	340	12.96293
890	340	12.96093
895	340	12.95388
900	340	12.96849
905	340	12.96904
910	340	12.96425
915	340	12.9683
920	340	12.96345
925	340	12.96881
930	340	12.97255
935	340	12.96404
940	340	12.97265
945	340	12.95796
950	340	12.95836
955	340	12.96141
960	340	12.95927
965	340	12.96704
970	340	12.95209
975	340	12.96971
980	340	12.96743
985	340	12.96475
990	340	12.96674
995	340	12.96029
1000	340	12.96607
1005	340	12.96711
1010	340	12.95552
1015	340	12.96448
1020	340	12.96488
1025	340	12.95356
1030	340	12.96421
1035	340	12.96124
1040	340	12.96243
1045	340	12.962
1050	340	13.0005
1055	340	12.98147
1060	340	12.97801
1065	340	12.98453
1070	340	12.97838
1075	340	12.98357
1080	340	12.97856
1085	340	12.9736
1090	340	12.97464
1095	340	12.97723
1100	340	12.9716
1105	340	12.96497
1110	340	12.97258
1115	340	12.97175
1120	340	12.96654
1125	340	12.9667
1130	340	12.96221
1135	340	12.961

EM wavele nm	EX wavele nm	R1 MicroAmps
1140	340	12.96474
1145	340	12.97066
1150	340	12.96704
0	345	13.53635
5	345	13.53213
10	345	13.53075
15	345	13.53264
20	345	13.53451
25	345	13.53527
30	345	13.53435
35	345	13.53631
40	345	13.52965
45	345	13.53169
50	345	13.54931
55	345	13.55106
60	345	13.54642
65	345	13.54561
70	345	13.54275
75	345	13.53776
80	345	13.53806
85	345	13.54274
90	345	13.53694
95	345	13.53025
100	345	13.53303
105	345	13.53332
110	345	13.53028
115	345	13.53419
120	345	13.53856
125	345	13.53599
130	345	13.53558
135	345	13.53552
140	345	13.5371
145	345	13.53038
150	345	13.53011
155	345	13.53708
160	345	13.52962
165	345	13.52772
170	345	13.52969
175	345	13.52503
180	345	13.52399
185	345	13.5242
190	345	13.52543
195	345	13.52436
200	345	13.52901
205	345	13.53047
210	345	13.53201
215	345	13.53179
220	345	13.54321
225	345	13.53933
230	345	13.5327
235	345	13.53523
240	345	13.53783
245	345	13.53073
250	345	13.53327
255	345	13.53936
260	345	13.53264
265	345	13.54097
270	345	13.54078
275	345	13.54006
280	345	13.54547
285	345	13.53365
290	345	13.54484
295	345	13.53416
300	345	13.53746

EM wavele nm	EX wavele nm	R1 MicroAmps
305	345	13.53875
310	345	13.54039
315	345	13.53703
320	345	13.53929
325	345	13.54645
330	345	13.52909
335	345	13.53438
340	345	13.52803
345	345	13.54118
350	345	13.52875
355	345	13.52491
360	345	13.52814
365	345	13.52521
370	345	13.52934
375	345	13.52711
380	345	13.53008
385	345	13.53694
390	345	13.53285
395	345	13.53431
400	345	13.5369
405	345	13.5336
410	345	13.53069
415	345	13.5335
420	345	13.52446
425	345	13.52277
430	345	13.52997
435	345	13.52199
440	345	13.53225
445	345	13.53696
450	345	13.53477
455	345	13.53241
460	345	13.53475
465	345	13.53215
470	345	13.53294
475	345	13.53194
480	345	13.52704
485	345	13.53256
490	345	13.52631
495	345	13.52505
500	345	13.53334
505	345	13.52606
510	345	13.52481
515	345	13.53747
520	345	13.53485
525	345	13.53447
530	345	13.5419
535	345	13.53801
540	345	13.54239
545	345	13.53794
550	345	13.53003
555	345	13.54319
560	345	13.53584
565	345	13.5328
570	345	13.53435
575	345	13.53684
580	345	13.53125
585	345	13.5306
590	345	13.53199
595	345	13.53962
600	345	13.53193
605	345	13.53758
610	345	13.53424
615	345	13.53763
620	345	13.53046

EM wavele nm	EX wavele nm	R1 MicroAmps
625	345	13.56519
630	345	13.63535
635	345	13.60039
640	345	13.60533
645	345	13.58947
650	345	13.56635
655	345	13.53883
660	345	13.53453
665	345	13.532
670	345	13.52156
675	345	13.52867
680	345	13.52203
685	345	13.52551
690	345	13.52805
695	345	13.52572
700	345	13.52856
705	345	13.53402
710	345	13.53372
715	345	13.53791
720	345	13.53725
725	345	13.54045
730	345	13.54193
735	345	13.52257
740	345	13.53194
745	345	13.55274
750	345	13.6039
755	345	13.60664
760	345	13.60645
765	345	13.59961
770	345	13.56526
775	345	13.55278
780	345	13.54552
785	345	13.54061
790	345	13.53867
795	345	13.53285
800	345	13.54893
805	345	13.55323
810	345	13.55185
815	345	13.54453
820	345	13.54292
825	345	13.54174
830	345	13.5464
835	345	13.54404
840	345	13.56163
845	345	13.56094
850	345	13.56449
855	345	13.54286
860	345	13.54575
865	345	13.5433
870	345	13.54936
875	345	13.54075
880	345	13.53738
885	345	13.54125
890	345	13.54904
895	345	13.54678
900	345	13.53433
905	345	13.5403
910	345	13.53893
915	345	13.53746
920	345	13.53344
925	345	13.53317
930	345	13.53784
935	345	13.53018
940	345	13.53551

EM wavele nm	EX wavele nm	R1 MicroAmps
945	345	13.53451
950	345	13.53062
955	345	13.54197
960	345	13.53236
965	345	13.52294
970	345	13.53221
975	345	13.52742
980	345	13.53777
985	345	13.53325
990	345	13.5354
995	345	13.54052
1000	345	13.53573
1005	345	13.52765
1010	345	13.53313
1015	345	13.53792
1020	345	13.53286
1025	345	13.53722
1030	345	13.53544
1035	345	13.53661
1040	345	13.54131
1045	345	13.53703
1050	345	13.52739
1055	345	13.5332
1060	345	13.53652
1065	345	13.54035
1070	345	13.53256
1075	345	13.53185
1080	345	13.53762
1085	345	13.53242
1090	345	13.54024
1095	345	13.53196
1100	345	13.53225
1105	345	13.52492
1110	345	13.52204
1115	345	13.53061
1120	345	13.52593
1125	345	13.52897
1130	345	13.52457
1135	345	13.52992
1140	345	13.53018
1145	345	13.52529
1150	345	13.52878
0	350	13.96896
5	350	13.96708
10	350	13.97137
15	350	13.98884
20	350	13.99096
25	350	13.98836
30	350	13.99044
35	350	13.98046
40	350	13.98136
45	350	13.97709
50	350	13.97735
55	350	13.97514
60	350	13.98115
65	350	13.97985
70	350	13.97892
75	350	13.97024
80	350	13.97798
85	350	13.97543
90	350	13.97276
95	350	13.97351
100	350	13.96113
105	350	13.95879

EM wavele nm	EX wavele nm	R1 MicroAmps
110	350	13.96196
115	350	13.96671
120	350	13.96642
125	350	13.96068
130	350	13.95873
135	350	13.95926
140	350	13.96158
145	350	13.96752
150	350	13.9762
155	350	13.96617
160	350	13.98362
165	350	13.97693
170	350	13.97715
175	350	13.98148
180	350	13.97402
185	350	13.96951
190	350	13.96017
195	350	13.96632
200	350	13.97157
205	350	13.95935
210	350	13.9698
215	350	13.97632
220	350	13.97414
225	350	13.9683
230	350	13.97651
235	350	13.97506
240	350	13.97504
245	350	13.96973
250	350	13.97718
255	350	13.97328
260	350	13.9699
265	350	13.97834
270	350	13.97197
275	350	13.97814
280	350	13.97771
285	350	13.98154
290	350	13.96385
295	350	13.97786
300	350	13.97194
305	350	13.96944
310	350	13.97701
315	350	13.97003
320	350	13.97921
325	350	13.96506
330	350	13.97088
335	350	13.97955
340	350	13.96847
345	350	13.97045
350	350	13.97597
355	350	13.97135
360	350	13.96906
365	350	13.97835
370	350	13.97431
375	350	13.98084
380	350	13.96965
385	350	13.97614
390	350	13.97838
395	350	13.96738
400	350	13.96415
405	350	13.9608
410	350	13.95839
415	350	13.96208
420	350	13.96384
425	350	13.95742

EM wavele nm	EX wavele nm	R1 MicroAmps
430	350	13.96422
435	350	13.95559
440	350	13.9692
445	350	13.96304
450	350	13.9619
455	350	13.96892
460	350	13.96975
465	350	13.9643
470	350	13.96407
475	350	13.96579
480	350	13.97109
485	350	13.96878
490	350	13.97208
495	350	13.97057
500	350	13.96664
505	350	13.96547
510	350	13.96525
515	350	13.96577
520	350	13.96812
525	350	13.96578
530	350	13.97584
535	350	13.96599
540	350	13.96931
545	350	13.97117
550	350	13.96412
555	350	13.96965
560	350	13.96044
565	350	13.95632
570	350	13.9693
575	350	13.95883
580	350	13.95478
585	350	13.96676
590	350	13.95967
595	350	13.96528
600	350	13.96764
605	350	13.9654
610	350	13.97304
615	350	13.96307
620	350	13.96403
625	350	13.97278
630	350	13.96299
635	350	13.95907
640	350	13.96397
645	350	13.95957
650	350	13.96479
655	350	13.96292
660	350	13.95965
665	350	13.9658
670	350	13.95681
675	350	13.9664
680	350	13.96771
685	350	13.96211
690	350	13.96845
695	350	13.96093
700	350	13.96973
705	350	13.96773
710	350	13.96291
715	350	13.96872
720	350	13.96404
725	350	13.96702
730	350	13.96504
735	350	13.95976
740	350	13.9679
745	350	13.95671

EM wavele nm	EX wavele nm	R1 MicroAmps
750	350	13.96694
755	350	13.94396
760	350	13.95548
765	350	13.96252
770	350	13.9522
775	350	13.96484
780	350	13.95877
785	350	13.96764
790	350	13.96536
795	350	13.96563
800	350	13.97005
805	350	13.97294
810	350	13.97267
815	350	13.9738
820	350	13.96798
825	350	13.96433
830	350	13.95769
835	350	13.96941
840	350	13.95981
845	350	13.95736
850	350	13.97354
855	350	13.9643
860	350	13.97158
865	350	13.97931
870	350	13.96906
875	350	13.97689
880	350	13.96461
885	350	13.96428
890	350	13.96977
895	350	13.97278
900	350	13.97415
905	350	13.96916
910	350	13.97587
915	350	13.97353
920	350	13.96807
925	350	13.9703
930	350	13.96044
935	350	13.95953
940	350	13.97346
945	350	13.96752
950	350	13.96725
955	350	13.96083
960	350	13.97308
965	350	13.96991
970	350	13.97307
975	350	13.97165
980	350	13.97038
985	350	13.971
990	350	13.97567
995	350	13.96633
1000	350	13.96017
1005	350	13.95878
1010	350	13.96665
1015	350	13.96531
1020	350	13.96489
1025	350	13.97412
1030	350	13.9678
1035	350	13.96478
1040	350	13.96823
1045	350	13.96679
1050	350	13.96022
1055	350	13.96257
1060	350	13.96515
1065	350	13.95429

EM wavele nm	EX wavele nm	R1 MicroAmps
1070	350	13.96909
1075	350	13.96738
1080	350	13.9695
1085	350	13.96541
1090	350	13.96093
1095	350	13.96435
1100	350	13.96628
1105	350	13.96963
1110	350	13.96933
1115	350	13.97846
1120	350	13.97124
1125	350	13.96787
1130	350	13.97483
1135	350	13.97103
1140	350	13.96268
1145	350	13.97081
1150	350	13.9692
0	355	14.22828
5	355	14.22565
10	355	14.21905
15	355	14.22455
20	355	14.21847
25	355	14.21815
30	355	14.22769
35	355	14.22239
40	355	14.22301
45	355	14.22876
50	355	14.22726
55	355	14.23059
60	355	14.22565
65	355	14.22667
70	355	14.23114
75	355	14.22952
80	355	14.22051
85	355	14.23196
90	355	14.2217
95	355	14.22414
100	355	14.23193
105	355	14.2235
110	355	14.23209
115	355	14.23282
120	355	14.22623
125	355	14.22773
130	355	14.23013
135	355	14.22744
140	355	14.22677
145	355	14.22941
150	355	14.22793
155	355	14.22852
160	355	14.23093
165	355	14.22766
170	355	14.23514
175	355	14.21833
180	355	14.22309
185	355	14.2255
190	355	14.22448
195	355	14.21607
200	355	14.22753
205	355	14.22411
210	355	14.23104
215	355	14.23249
220	355	14.22679
225	355	14.23618
230	355	14.22556

EM wavele nm	EX wavele nm	R1 MicroAmps
235	355	14.24094
240	355	14.23233
245	355	14.23621
250	355	14.23739
255	355	14.24579
260	355	14.2257
265	355	14.23418
270	355	14.22895
275	355	14.22765
280	355	14.22587
285	355	14.22543
290	355	14.2296
295	355	14.23456
300	355	14.2314
305	355	14.23586
310	355	14.23225
315	355	14.22965
320	355	14.23475
325	355	14.23207
330	355	14.23331
335	355	14.23798
340	355	14.22801
345	355	14.23778
350	355	14.22769
355	355	14.2247
360	355	14.23781
365	355	14.22324
370	355	14.22482
375	355	14.23027
380	355	14.22367
385	355	14.22498
390	355	14.22208
395	355	14.22594
400	355	14.22918
405	355	14.22677
410	355	14.22316
415	355	14.22904
420	355	14.21872
425	355	14.22823
430	355	14.22719
435	355	14.22308
440	355	14.22674
445	355	14.22091
450	355	14.22698
455	355	14.22293
460	355	14.23151
465	355	14.23052
470	355	14.2348
475	355	14.22022
480	355	14.22674
485	355	14.2197
490	355	14.21116
495	355	14.22738
500	355	14.21944
505	355	14.22185
510	355	14.22483
515	355	14.2314
520	355	14.22718
525	355	14.22334
530	355	14.22872
535	355	14.23207
540	355	14.23187
545	355	14.23148
550	355	14.23027

EM wavele nm	EX wavele nm	R1 MicroAmps
555	355	14.22691
560	355	14.23054
565	355	14.22214
570	355	14.23675
575	355	14.23117
580	355	14.22894
585	355	14.23519
590	355	14.22629
595	355	14.2318
600	355	14.21985
605	355	14.229
610	355	14.23378
615	355	14.22544
620	355	14.22629
625	355	14.23181
630	355	14.21626
635	355	14.21483
640	355	14.2204
645	355	14.21796
650	355	14.22574
655	355	14.22065
660	355	14.22121
665	355	14.23098
670	355	14.2198
675	355	14.22175
680	355	14.23054
685	355	14.22592
690	355	14.23161
695	355	14.22101
700	355	14.23056
705	355	14.22668
710	355	14.22821
715	355	14.22522
720	355	14.22203
725	355	14.2415
730	355	14.22272
735	355	14.23231
740	355	14.22983
745	355	14.23727
750	355	14.23008
755	355	14.24169
760	355	14.23288
765	355	14.24145
770	355	14.23774
775	355	14.22929
780	355	14.24051
785	355	14.24285
790	355	14.25313
795	355	14.2374
800	355	14.24364
805	355	14.2437
810	355	14.23648
815	355	14.23701
820	355	14.23033
825	355	14.23208
830	355	14.239
835	355	14.22744
840	355	14.23424
845	355	14.23435
850	355	14.23707
855	355	14.22872
860	355	14.22414
865	355	14.22979
870	355	14.22015

EM wavele nm	EX wavele nm	R1 MicroAmps
875	355	14.22262
880	355	14.22267
885	355	14.22718
890	355	14.23145
895	355	14.23268
900	355	14.23252
905	355	14.23459
910	355	14.23478
915	355	14.23575
920	355	14.23262
925	355	14.23221
930	355	14.23443
935	355	14.23223
940	355	14.22781
945	355	14.23663
950	355	14.23705
955	355	14.23603
960	355	14.2289
965	355	14.23444
970	355	14.23283
975	355	14.23671
980	355	14.23318
985	355	14.228
990	355	14.23118
995	355	14.24003
1000	355	14.23074
1005	355	14.23065
1010	355	14.23561
1015	355	14.23319
1020	355	14.24271
1025	355	14.23115
1030	355	14.23456
1035	355	14.24194
1040	355	14.25094
1045	355	14.24313
1050	355	14.23784
1055	355	14.23761
1060	355	14.24521
1065	355	14.24396
1070	355	14.23785
1075	355	14.24383
1080	355	14.24809
1085	355	14.24904
1090	355	14.24752
1095	355	14.25654
1100	355	14.24893
1105	355	14.24619
1110	355	14.25172
1115	355	14.24909
1120	355	14.2371
1125	355	14.23842
1130	355	14.24476
1135	355	14.24312
1140	355	14.24395
1145	355	14.23897
1150	355	14.24106
0	360	14.34948
5	360	14.35594
10	360	14.35668
15	360	14.3472
20	360	14.36679
25	360	14.3528
30	360	14.35927
35	360	14.36147

EM wavele nm	EX wavele nm	R1 MicroAmps
40	360	14.35868
45	360	14.34642
50	360	14.35231
55	360	14.34444
60	360	14.34806
65	360	14.34438
70	360	14.34735
75	360	14.35145
80	360	14.33961
85	360	14.34559
90	360	14.35074
95	360	14.33776
100	360	14.34401
105	360	14.3506
110	360	14.34883
115	360	14.3549
120	360	14.3562
125	360	14.35217
130	360	14.3529
135	360	14.35073
140	360	14.35665
145	360	14.34934
150	360	14.34658
155	360	14.3468
160	360	14.35017
165	360	14.34707
170	360	14.34811
175	360	14.3542
180	360	14.35498
185	360	14.35883
190	360	14.36341
195	360	14.3632
200	360	14.36719
205	360	14.35986
210	360	14.35803
215	360	14.36398
220	360	14.35485
225	360	14.35428
230	360	14.35565
235	360	14.35487
240	360	14.35559
245	360	14.35094
250	360	14.35206
255	360	14.3484
260	360	14.35103
265	360	14.35241
270	360	14.3485
275	360	14.34662
280	360	14.35547
285	360	14.3553
290	360	14.34305
295	360	14.35788
300	360	14.35024
305	360	14.34839
310	360	14.3481
315	360	14.34879
320	360	14.35531
325	360	14.34974
330	360	14.35923
335	360	14.35053
340	360	14.34116
345	360	14.35193
350	360	14.34625
355	360	14.35505

EM wavele nm	EX wavele nm	R1 MicroAmps
360	360	14.34816
365	360	14.3536
370	360	14.3519
375	360	14.35372
380	360	14.35552
385	360	14.36073
390	360	14.35096
395	360	14.35372
400	360	14.36295
405	360	14.34845
410	360	14.3552
415	360	14.35234
420	360	14.35055
425	360	14.34558
430	360	14.34808
435	360	14.34755
440	360	14.35149
445	360	14.34809
450	360	14.34571
455	360	14.35143
460	360	14.34552
465	360	14.34894
470	360	14.34854
475	360	14.33741
480	360	14.34581
485	360	14.33425
490	360	14.34097
495	360	14.34149
500	360	14.34083
505	360	14.34862
510	360	14.33944
515	360	14.34807
520	360	14.35736
525	360	14.34519
530	360	14.3583
535	360	14.35383
540	360	14.35005
545	360	14.34812
550	360	14.34955
555	360	14.35493
560	360	14.34158
565	360	14.34784
570	360	14.35503
575	360	14.35547
580	360	14.35722
585	360	14.35712
590	360	14.35651
595	360	14.35885
600	360	14.36312
605	360	14.35511
610	360	14.35739
615	360	14.35168
620	360	14.35927
625	360	14.35379
630	360	14.35129
635	360	14.35181
640	360	14.35565
645	360	14.35003
650	360	14.35623
655	360	14.35465
660	360	14.36017
665	360	14.36287
670	360	14.36293
675	360	14.3485

EM wavele nm	EX wavele nm	R1 MicroAmps
680	360	14.3571
685	360	14.35927
690	360	14.36444
695	360	14.35224
700	360	14.35849
705	360	14.35295
710	360	14.35234
715	360	14.35219
720	360	14.3491
725	360	14.35269
730	360	14.35647
735	360	14.34177
740	360	14.34618
745	360	14.34193
750	360	14.3581
755	360	14.34506
760	360	14.35709
765	360	14.3525
770	360	14.3579
775	360	14.35729
780	360	14.3517
785	360	14.34947
790	360	14.35415
795	360	14.35738
800	360	14.35613
805	360	14.35042
810	360	14.35374
815	360	14.36158
820	360	14.35481
825	360	14.35105
830	360	14.35581
835	360	14.35015
840	360	14.35161
845	360	14.35032
850	360	14.34351
855	360	14.35542
860	360	14.3561
865	360	14.34988
870	360	14.35361
875	360	14.35632
880	360	14.35451
885	360	14.33852
890	360	14.34538
895	360	14.34354
900	360	14.34784
905	360	14.3495
910	360	14.3435
915	360	14.35618
920	360	14.35758
925	360	14.34882
930	360	14.35573
935	360	14.34675
940	360	14.36113
945	360	14.34837
950	360	14.3487
955	360	14.35797
960	360	14.34649
965	360	14.35794
970	360	14.34606
975	360	14.35872
980	360	14.35184
985	360	14.35722
990	360	14.34602
995	360	14.34842

EM wavele nm	EX wavele nm	R1 MicroAmps
1000	360	14.35125
1005	360	14.34389
1010	360	14.34754
1015	360	14.34847
1020	360	14.3498
1025	360	14.35
1030	360	14.34977
1035	360	14.34899
1040	360	14.35694
1045	360	14.35205
1050	360	14.35963
1055	360	14.34855
1060	360	14.35035
1065	360	14.35217
1070	360	14.3519
1075	360	14.35327
1080	360	14.34831
1085	360	14.35572
1090	360	14.35626
1095	360	14.35485
1100	360	14.35317
1105	360	14.34943
1110	360	14.34501
1115	360	14.34256
1120	360	14.3383
1125	360	14.34944
1130	360	14.34845
1135	360	14.34955
1140	360	14.34881
1145	360	14.34532
1150	360	14.34727
0	365	14.50306
5	365	14.50722
10	365	14.49091
15	365	14.49311
20	365	14.50396
25	365	14.50306
30	365	14.49754
35	365	14.53815
40	365	14.55166
45	365	14.53948
50	365	14.53063
55	365	14.53091
60	365	14.52563
65	365	14.51738
70	365	14.51575
75	365	14.51365
80	365	14.50611
85	365	14.51201
90	365	14.51276
95	365	14.50728
100	365	14.50644
105	365	14.50264
110	365	14.51011
115	365	14.49874
120	365	14.49861
125	365	14.50804
130	365	14.49694
135	365	14.4983
140	365	14.50263
145	365	14.48845
150	365	14.49874
155	365	14.49862
160	365	14.49629

EM wavele nm	EX wavele nm	R1 MicroAmps
165	365	14.50321
170	365	14.50433
175	365	14.51187
180	365	14.50483
185	365	14.50557
190	365	14.50851
195	365	14.5035
200	365	14.49805
205	365	14.50181
210	365	14.50475
215	365	14.51053
220	365	14.50606
225	365	14.50337
230	365	14.51743
235	365	14.50681
240	365	14.51181
245	365	14.50631
250	365	14.50464
255	365	14.50421
260	365	14.50234
265	365	14.4972
270	365	14.4962
275	365	14.50569
280	365	14.49431
285	365	14.49969
290	365	14.49106
295	365	14.49455
300	365	14.49198
305	365	14.49509
310	365	14.50025
315	365	14.50271
320	365	14.49635
325	365	14.50284
330	365	14.49636
335	365	14.4951
340	365	14.49889
345	365	14.49731
350	365	14.50043
355	365	14.49745
360	365	14.49776
365	365	14.49783
370	365	14.50877
375	365	14.50336
380	365	14.51354
385	365	14.50967
390	365	14.50967
395	365	14.51363
400	365	14.50718
405	365	14.50577
410	365	14.50302
415	365	14.50783
420	365	14.49028
425	365	14.49543
430	365	14.50526
435	365	14.49322
440	365	14.50299
445	365	14.5014
450	365	14.50072
455	365	14.50384
460	365	14.5009
465	365	14.50346
470	365	14.50564
475	365	14.50405
480	365	14.50226

EM wavele nm	EX wavele nm	R1 MicroAmps
485	365	14.5056
490	365	14.49238
495	365	14.50437
500	365	14.50067
505	365	14.49732
510	365	14.4983
515	365	14.49636
520	365	14.50219
525	365	14.50027
530	365	14.49021
535	365	14.50715
540	365	14.49877
545	365	14.49034
550	365	14.50684
555	365	14.50144
560	365	14.49511
565	365	14.49643
570	365	14.49302
575	365	14.49383
580	365	14.49635
585	365	14.48399
590	365	14.48348
595	365	14.4871
600	365	14.47597
605	365	14.49628
610	365	14.4895
615	365	14.49314
620	365	14.49713
625	365	14.49371
630	365	14.50683
635	365	14.49447
640	365	14.5071
645	365	14.50732
650	365	14.50304
655	365	14.4886
660	365	14.4919
665	365	14.50167
670	365	14.48964
675	365	14.49292
680	365	14.49447
685	365	14.49189
690	365	14.49376
695	365	14.50485
700	365	14.49927
705	365	14.51156
710	365	14.50368
715	365	14.50386
720	365	14.51349
725	365	14.49888
730	365	14.50196
735	365	14.49564
740	365	14.50091
745	365	14.49638
750	365	14.49947
755	365	14.50399
760	365	14.49638
765	365	14.51024
770	365	14.50817
775	365	14.49532
780	365	14.49638
785	365	14.50254
790	365	14.50034
795	365	14.49848
800	365	14.49789

EM wavele nm	EX wavele nm	R1 MicroAmps
805	365	14.50089
810	365	14.50185
815	365	14.49336
820	365	14.49894
825	365	14.49998
830	365	14.50224
835	365	14.4988
840	365	14.49291
845	365	14.50011
850	365	14.49847
855	365	14.50495
860	365	14.49359
865	365	14.49292
870	365	14.49382
875	365	14.48864
880	365	14.49574
885	365	14.47789
890	365	14.48663
895	365	14.49195
900	365	14.48141
905	365	14.4852
910	365	14.48834
915	365	14.48716
920	365	14.47873
925	365	14.48109
930	365	14.48228
935	365	14.48747
940	365	14.49074
945	365	14.48727
950	365	14.49082
955	365	14.50001
960	365	14.49914
965	365	14.4911
970	365	14.48873
975	365	14.50017
980	365	14.492
985	365	14.49381
990	365	14.50276
995	365	14.50228
1000	365	14.50743
1005	365	14.51129
1010	365	14.49461
1015	365	14.50504
1020	365	14.4973
1025	365	14.49358
1030	365	14.48773
1035	365	14.49453
1040	365	14.4979
1045	365	14.49292
1050	365	14.49004
1055	365	14.49536
1060	365	14.48448
1065	365	14.49805
1070	365	14.49083
1075	365	14.48928
1080	365	14.48733
1085	365	14.49656
1090	365	14.49806
1095	365	14.50387
1100	365	14.50046
1105	365	14.50575
1110	365	14.49337
1115	365	14.49626
1120	365	14.50603

EM wavele nm	EX wavele nm	R1 MicroAmps
1125	365	14.50102
1130	365	14.49621
1135	365	14.5112
1140	365	14.50393
1145	365	14.50609
1150	365	14.50208
0	370	14.90415
5	370	14.90473
10	370	14.90419
15	370	14.90668
20	370	14.90252
25	370	14.90282
30	370	14.89146
35	370	14.90881
40	370	14.89817
45	370	14.89524
50	370	14.9034
55	370	14.89558
60	370	14.89973
65	370	14.90574
70	370	14.91344
75	370	14.90337
80	370	14.91392
85	370	14.90058
90	370	14.90027
95	370	14.88819
100	370	14.89163
105	370	14.90599
110	370	14.88394
115	370	14.89828
120	370	14.89317
125	370	14.90102
130	370	14.88929
135	370	14.89892
140	370	14.89227
145	370	14.89616
150	370	14.88944
155	370	14.89948
160	370	14.89412
165	370	14.89904
170	370	14.89884
175	370	14.906
180	370	14.90166
185	370	14.89728
190	370	14.90266
195	370	14.90154
200	370	14.8915
205	370	14.89486
210	370	14.89244
215	370	14.89055
220	370	14.88407
225	370	14.89554
230	370	14.88774
235	370	14.8988
240	370	14.89323
245	370	14.9067
250	370	14.8954
255	370	14.89884
260	370	14.90199
265	370	14.90537
270	370	14.89777
275	370	14.90594
280	370	14.90171
285	370	14.89828

EM wavele nm	EX wavele nm	R1 MicroAmps
290	370	14.909
295	370	14.89232
300	370	14.90089
305	370	14.89265
310	370	14.90348
315	370	14.89105
320	370	14.90368
325	370	14.90764
330	370	14.90193
335	370	14.90178
340	370	14.89928
345	370	14.90133
350	370	14.89483
355	370	14.91279
360	370	14.89781
365	370	14.90967
370	370	14.89933
375	370	14.90013
380	370	14.90781
385	370	14.89948
390	370	14.90363
395	370	14.89657
400	370	14.90561
405	370	14.8942
410	370	14.90466
415	370	14.89578
420	370	14.90288
425	370	14.88965
430	370	14.90286
435	370	14.89509
440	370	14.89055
445	370	14.89458
450	370	14.90047
455	370	14.90253
460	370	14.89379
465	370	14.90678
470	370	14.90272
475	370	14.90264
480	370	14.89567
485	370	14.90945
490	370	14.88968
495	370	14.90628
500	370	14.89892
505	370	14.89305
510	370	14.89218
515	370	14.88708
520	370	14.89767
525	370	14.90188
530	370	14.89464
535	370	14.90342
540	370	14.90289
545	370	14.89987
550	370	14.89766
555	370	14.89877
560	370	14.89998
565	370	14.90119
570	370	14.89928
575	370	14.9001
580	370	14.90548
585	370	14.90492
590	370	14.90371
595	370	14.9061
600	370	14.90769
605	370	14.89233

EM wavele nm	EX wavele nm	R1 MicroAmps
610	370	14.90594
615	370	14.90108
620	370	14.90429
625	370	14.90272
630	370	14.90775
635	370	14.90337
640	370	14.9037
645	370	14.90014
650	370	14.89011
655	370	14.90176
660	370	14.89291
665	370	14.90406
670	370	14.89767
675	370	14.90309
680	370	14.89636
685	370	14.89707
690	370	14.90863
695	370	14.89782
700	370	14.90783
705	370	14.90405
710	370	14.90851
715	370	14.89523
720	370	14.90178
725	370	14.8988
730	370	14.90057
735	370	14.90454
740	370	14.90272
745	370	14.90803
750	370	14.9032
755	370	14.90709
760	370	14.90011
765	370	14.90806
770	370	14.90276
775	370	14.90679
780	370	14.90413
785	370	14.90096
790	370	14.89462
795	370	14.90146
800	370	14.87546
805	370	14.89182
810	370	14.8851
815	370	14.88177
820	370	14.89131
825	370	14.8936
830	370	14.89803
835	370	14.88259
840	370	14.89886
845	370	14.88828
850	370	14.90004
855	370	14.88977
860	370	14.90144
865	370	14.89528
870	370	14.90042
875	370	14.8972
880	370	14.88887
885	370	14.89093
890	370	14.8996
895	370	14.88182
900	370	14.90326
905	370	14.89842
910	370	14.90111
915	370	14.90131
920	370	14.9014
925	370	14.91109

EM wavele nm	EX wavele nm	R1 MicroAmps
930	370	14.90891
935	370	14.909
940	370	14.89746
945	370	14.9013
950	370	14.90671
955	370	14.90528
960	370	14.91051
965	370	14.8949
970	370	14.90991
975	370	14.90278
980	370	14.90221
985	370	14.90055
990	370	14.89696
995	370	14.90143
1000	370	14.90815
1005	370	14.90286
1010	370	14.90571
1015	370	14.9007
1020	370	14.91196
1025	370	14.91212
1030	370	14.90773
1035	370	14.90827
1040	370	14.90148
1045	370	14.90894
1050	370	14.89787
1055	370	14.89807
1060	370	14.90468
1065	370	14.89813
1070	370	14.90418
1075	370	14.90843
1080	370	14.89515
1085	370	14.90321
1090	370	14.8975
1095	370	14.90326
1100	370	14.8983
1105	370	14.90587
1110	370	14.8994
1115	370	14.90429
1120	370	14.89862
1125	370	14.9096
1130	370	14.90183
1135	370	14.8981
1140	370	14.8991
1145	370	14.9027
1150	370	14.90559
0	375	15.51247
5	375	15.50895
10	375	15.5076
15	375	15.51528
20	375	15.51159
25	375	15.51553
30	375	15.52056
35	375	15.51511
40	375	15.52362
45	375	15.52381
50	375	15.51902
55	375	15.51861
60	375	15.51729
65	375	15.51342
70	375	15.50755
75	375	15.51003
80	375	15.51249
85	375	15.5077
90	375	15.51694

EM wavele nm	EX wavele nm	R1 MicroAmps
95	375	15.51464
100	375	15.51647
105	375	15.51962
110	375	15.51704
115	375	15.52122
120	375	15.52487
125	375	15.51712
130	375	15.52953
135	375	15.52421
140	375	15.52049
145	375	15.52469
150	375	15.53026
155	375	15.52024
160	375	15.51423
165	375	15.52651
170	375	15.51575
175	375	15.51565
180	375	15.51826
185	375	15.52125
190	375	15.52653
195	375	15.51674
200	375	15.5152
205	375	15.51967
210	375	15.50897
215	375	15.51168
220	375	15.51986
225	375	15.50211
230	375	15.51131
235	375	15.50908
240	375	15.51626
245	375	15.50602
250	375	15.51291
255	375	15.51294
260	375	15.52293
265	375	15.51239
270	375	15.51639
275	375	15.52246
280	375	15.51264
285	375	15.51406
290	375	15.51508
295	375	15.51076
300	375	15.51925
305	375	15.51634
310	375	15.52315
315	375	15.52963
320	375	15.51816
325	375	15.51703
330	375	15.5247
335	375	15.51899
340	375	15.51978
345	375	15.52169
350	375	15.52263
355	375	15.52155
360	375	15.5255
365	375	15.52366
370	375	15.52935
375	375	15.51914
380	375	15.51794
385	375	15.52342
390	375	15.51909
395	375	15.51352
400	375	15.51615
405	375	15.5136
410	375	15.515

EM wavele nm	EX wavele nm	R1 MicroAmps
415	375	15.51861
420	375	15.51597
425	375	15.51431
430	375	15.51183
435	375	15.50137
440	375	15.51441
445	375	15.50536
450	375	15.5009
455	375	15.51785
460	375	15.50805
465	375	15.5076
470	375	15.51174
475	375	15.51039
480	375	15.52049
485	375	15.51936
490	375	15.51171
495	375	15.51521
500	375	15.50877
505	375	15.50724
510	375	15.51656
515	375	15.50379
520	375	15.5166
525	375	15.51788
530	375	15.50895
535	375	15.51176
540	375	15.51422
545	375	15.51226
550	375	15.5174
555	375	15.51455
560	375	15.51567
565	375	15.51941
570	375	15.51231
575	375	15.52315
580	375	15.524
585	375	15.51162
590	375	15.51612
595	375	15.51212
600	375	15.51715
605	375	15.51343
610	375	15.52171
615	375	15.51801
620	375	15.51353
625	375	15.50521
630	375	15.51244
635	375	15.51259
640	375	15.50627
645	375	15.50533
650	375	15.50095
655	375	15.51323
660	375	15.51295
665	375	15.50886
670	375	15.51361
675	375	15.5066
680	375	15.50941
685	375	15.5008
690	375	15.51115
695	375	15.51608
700	375	15.50337
705	375	15.50484
710	375	15.50717
715	375	15.51087
720	375	15.51618
725	375	15.50832
730	375	15.51013

EM wavele nm	EX wavele nm	R1 MicroAmps
735	375	15.51856
740	375	15.50795
745	375	15.4963
750	375	15.51088
755	375	15.50762
760	375	15.51843
765	375	15.51042
770	375	15.50948
775	375	15.51502
780	375	15.50847
785	375	15.51504
790	375	15.50892
795	375	15.49846
800	375	15.51
805	375	15.51268
810	375	15.49396
815	375	15.50625
820	375	15.50846
825	375	15.50781
830	375	15.50188
835	375	15.50843
840	375	15.49633
845	375	15.50275
850	375	15.50495
855	375	15.50069
860	375	15.50628
865	375	15.51485
870	375	15.51563
875	375	15.50888
880	375	15.51618
885	375	15.51712
890	375	15.50604
895	375	15.51227
900	375	15.51238
905	375	15.49952
910	375	15.51576
915	375	15.50878
920	375	15.51332
925	375	15.50963
930	375	15.50863
935	375	15.50949
940	375	15.50839
945	375	15.5189
950	375	15.5189
955	375	15.51531
960	375	15.51535
965	375	15.51705
970	375	15.51202
975	375	15.51333
980	375	15.51399
985	375	15.51046
990	375	15.49694
995	375	15.51064
1000	375	15.50626
1005	375	15.5149
1010	375	15.51252
1015	375	15.5137
1020	375	15.51649
1025	375	15.51369
1030	375	15.51241
1035	375	15.51009
1040	375	15.51438
1045	375	15.50899
1050	375	15.5177

EM wavele nm	EX wavele nm	R1 MicroAmps
1055	375	15.51362
1060	375	15.50126
1065	375	15.51673
1070	375	15.5039
1075	375	15.51137
1080	375	15.50811
1085	375	15.50616
1090	375	15.51302
1095	375	15.50704
1100	375	15.5136
1105	375	15.50851
1110	375	15.50007
1115	375	15.5099
1120	375	15.5108
1125	375	15.5137
1130	375	15.50645
1135	375	15.50713
1140	375	15.50208
1145	375	15.50707
1150	375	15.50848
0	380	16.3839
5	380	16.38009
10	380	16.39112
15	380	16.39152
20	380	16.39237
25	380	16.3916
30	380	16.39471
35	380	16.38551
40	380	16.39169
45	380	16.39189
50	380	16.3977
55	380	16.38388
60	380	16.38816
65	380	16.39135
70	380	16.38627
75	380	16.38502
80	380	16.38355
85	380	16.38952
90	380	16.37682
95	380	16.38536
100	380	16.3829
105	380	16.38906
110	380	16.38061
115	380	16.38188
120	380	16.39319
125	380	16.37589
130	380	16.37739
135	380	16.37266
140	380	16.3815
145	380	16.36757
150	380	16.36969
155	380	16.37837
160	380	16.37354
165	380	16.37513
170	380	16.37939
175	380	16.38751
180	380	16.38469
185	380	16.38143
190	380	16.38349
195	380	16.38361
200	380	16.3816
205	380	16.38718
210	380	16.38741
215	380	16.36864

EM wavele nm	EX wavele nm	R1 MicroAmps
220	380	16.37854
225	380	16.38835
230	380	16.38026
235	380	16.39231
240	380	16.37967
245	380	16.38279
250	380	16.37707
255	380	16.37226
260	380	16.38324
265	380	16.37305
270	380	16.36847
275	380	16.38496
280	380	16.38352
285	380	16.37748
290	380	16.38699
295	380	16.38102
300	380	16.39545
305	380	16.38158
310	380	16.37955
315	380	16.39199
320	380	16.37964
325	380	16.3657
330	380	16.38171
335	380	16.37577
340	380	16.38694
345	380	16.37872
350	380	16.37131
355	380	16.37673
360	380	16.36482
365	380	16.37642
370	380	16.37549
375	380	16.37016
380	380	16.37915
385	380	16.37968
390	380	16.36347
395	380	16.3834
400	380	16.37757
405	380	16.37208
410	380	16.38341
415	380	16.36826
420	380	16.3776
425	380	16.37913
430	380	16.3644
435	380	16.38235
440	380	16.37668
445	380	16.36999
450	380	16.3947
455	380	16.37728
460	380	16.3896
465	380	16.38163
470	380	16.37932
475	380	16.39437
480	380	16.36453
485	380	16.38031
490	380	16.37647
495	380	16.38644
500	380	16.38438
505	380	16.38666
510	380	16.39282
515	380	16.39158
520	380	16.383
525	380	16.3844
530	380	16.39553
535	380	16.3772

EM wavele nm	EX wavele nm	R1 MicroAmps
540	380	16.38544
545	380	16.38777
550	380	16.37462
555	380	16.37776
560	380	16.37916
565	380	16.38618
570	380	16.37972
575	380	16.38049
580	380	16.3871
585	380	16.38633
590	380	16.38976
595	380	16.38996
600	380	16.39319
605	380	16.39839
610	380	16.38828
615	380	16.38563
620	380	16.39973
625	380	16.3959
630	380	16.38576
635	380	16.39006
640	380	16.38893
645	380	16.39075
650	380	16.38706
655	380	16.38338
660	380	16.38426
665	380	16.38749
670	380	16.3815
675	380	16.38655
680	380	16.38188
685	380	16.38158
690	380	16.38584
695	380	16.38609
700	380	16.39119
705	380	16.383
710	380	16.38564
715	380	16.38899
720	380	16.38269
725	380	16.38651
730	380	16.37913
735	380	16.38826
740	380	16.381
745	380	16.38471
750	380	16.3761
755	380	16.37444
760	380	16.39119
765	380	16.382
770	380	16.38334
775	380	16.38814
780	380	16.37724
785	380	16.39196
790	380	16.37946
795	380	16.37031
800	380	16.37998
805	380	16.38045
810	380	16.36956
815	380	16.37485
820	380	16.3779
825	380	16.37811
830	380	16.37827
835	380	16.37249
840	380	16.3892
845	380	16.37834
850	380	16.38194
855	380	16.37469

EM wavele nm	EX wavele nm	R1 MicroAmps
860	380	16.37485
865	380	16.38515
870	380	16.38374
875	380	16.37397
880	380	16.38735
885	380	16.38109
890	380	16.3903
895	380	16.37905
900	380	16.39202
905	380	16.38946
910	380	16.38427
915	380	16.38392
920	380	16.37376
925	380	16.38254
930	380	16.38783
935	380	16.37387
940	380	16.38844
945	380	16.38475
950	380	16.3885
955	380	16.38417
960	380	16.3772
965	380	16.37368
970	380	16.37434
975	380	16.38116
980	380	16.37081
985	380	16.37153
990	380	16.38187
995	380	16.37922
1000	380	16.37688
1005	380	16.37641
1010	380	16.37973
1015	380	16.37472
1020	380	16.37262
1025	380	16.37637
1030	380	16.37603
1035	380	16.38217
1040	380	16.39162
1045	380	16.38861
1050	380	16.39223
1055	380	16.39033
1060	380	16.38215
1065	380	16.38811
1070	380	16.3806
1075	380	16.38942
1080	380	16.38252
1085	380	16.38517
1090	380	16.3888
1095	380	16.3833
1100	380	16.38383
1105	380	16.37336
1110	380	16.3856
1115	380	16.38026
1120	380	16.38218
1125	380	16.37896
1130	380	16.3765
1135	380	16.38515
1140	380	16.37396
1145	380	16.38491
1150	380	16.38325
0	385	17.09958
5	385	17.11473
10	385	17.1044
15	385	17.10522
20	385	17.11011

EM wavele nm	EX wavele nm	R1 MicroAmps
25	385	17.10117
30	385	17.09446
35	385	17.10941
40	385	17.09691
45	385	17.09776
50	385	17.10324
55	385	17.0941
60	385	17.10118
65	385	17.10566
70	385	17.10705
75	385	17.10594
80	385	17.10869
85	385	17.11022
90	385	17.1005
95	385	17.103
100	385	17.11725
105	385	17.12765
110	385	17.11656
115	385	17.12137
120	385	17.11595
125	385	17.10841
130	385	17.1158
135	385	17.11747
140	385	17.10945
145	385	17.11222
150	385	17.11756
155	385	17.11542
160	385	17.11621
165	385	17.11577
170	385	17.11447
175	385	17.10129
180	385	17.10664
185	385	17.12414
190	385	17.1126
195	385	17.11409
200	385	17.12228
205	385	17.10893
210	385	17.10275
215	385	17.10734
220	385	17.11003
225	385	17.10753
230	385	17.10894
235	385	17.11116
240	385	17.1107
245	385	17.09906
250	385	17.11401
255	385	17.1083
260	385	17.10252
265	385	17.10739
270	385	17.10256
275	385	17.10817
280	385	17.109
285	385	17.11041
290	385	17.10761
295	385	17.10945
300	385	17.11095
305	385	17.11706
310	385	17.11407
315	385	17.09615
320	385	17.10388
325	385	17.10987
330	385	17.09004
335	385	17.09313
340	385	17.10273

EM wavele nm	EX wavele nm	R1 MicroAmps
345	385	17.08346
350	385	17.10129
355	385	17.09778
360	385	17.09549
365	385	17.09908
370	385	17.10218
375	385	17.10759
380	385	17.09672
385	385	17.10462
390	385	17.10161
395	385	17.10264
400	385	17.09325
405	385	17.10238
410	385	17.10318
415	385	17.09071
420	385	17.10607
425	385	17.09579
430	385	17.10226
435	385	17.0935
440	385	17.10245
445	385	17.12224
450	385	17.10395
455	385	17.11471
460	385	17.10636
465	385	17.10817
470	385	17.09754
475	385	17.10759
480	385	17.1104
485	385	17.09893
490	385	17.09361
495	385	17.10072
500	385	17.10034
505	385	17.09349
510	385	17.11497
515	385	17.11296
520	385	17.10807
525	385	17.10833
530	385	17.10883
535	385	17.10357
540	385	17.10714
545	385	17.10846
550	385	17.11143
555	385	17.0995
560	385	17.09735
565	385	17.10428
570	385	17.10024
575	385	17.10944
580	385	17.10767
585	385	17.10311
590	385	17.10802
595	385	17.10172
600	385	17.10442
605	385	17.11103
610	385	17.1019
615	385	17.11192
620	385	17.11865
625	385	17.10751
630	385	17.11502
635	385	17.10738
640	385	17.10521
645	385	17.12706
650	385	17.10001
655	385	17.12027
660	385	17.10942

EM wavele nm	EX wavele nm	R1 MicroAmps
665	385	17.12269
670	385	17.10283
675	385	17.10167
680	385	17.10835
685	385	17.09996
690	385	17.10734
695	385	17.10031
700	385	17.0975
705	385	17.11448
710	385	17.09578
715	385	17.10559
720	385	17.11064
725	385	17.11594
730	385	17.09635
735	385	17.11669
740	385	17.10413
745	385	17.1125
750	385	17.11227
755	385	17.09849
760	385	17.09626
765	385	17.12094
770	385	17.12041
775	385	17.11637
780	385	17.11065
785	385	17.12101
790	385	17.11557
795	385	17.11187
800	385	17.10881
805	385	17.10647
810	385	17.1129
815	385	17.11479
820	385	17.11405
825	385	17.1069
830	385	17.10849
835	385	17.11141
840	385	17.10246
845	385	17.10728
850	385	17.11386
855	385	17.1074
860	385	17.12201
865	385	17.10904
870	385	17.09853
875	385	17.11513
880	385	17.11044
885	385	17.10311
890	385	17.1049
895	385	17.0988
900	385	17.11044
905	385	17.09051
910	385	17.09839
915	385	17.08673
920	385	17.08651
925	385	17.10406
930	385	17.08953
935	385	17.10679
940	385	17.1077
945	385	17.10418
950	385	17.10746
955	385	17.10678
960	385	17.11865
965	385	17.10921
970	385	17.10532
975	385	17.1139
980	385	17.10099

EM wavele nm	EX wavele nm	R1 MicroAmps
985	385	17.10104
990	385	17.1021
995	385	17.10627
1000	385	17.10017
1005	385	17.09472
1010	385	17.0981
1015	385	17.10492
1020	385	17.10248
1025	385	17.09759
1030	385	17.10258
1035	385	17.09798
1040	385	17.10113
1045	385	17.09815
1050	385	17.10185
1055	385	17.09913
1060	385	17.09932
1065	385	17.09545
1070	385	17.09099
1075	385	17.10134
1080	385	17.08029
1085	385	17.10587
1090	385	17.10093
1095	385	17.1005
1100	385	17.10564
1105	385	17.10052
1110	385	17.0886
1115	385	17.08846
1120	385	17.08868
1125	385	17.08732
1130	385	17.09163
1135	385	17.09459
1140	385	17.09654
1145	385	17.08839
1150	385	17.09162
0	390	18.06981
5	390	18.06094
10	390	18.07188
15	390	18.06998
20	390	18.07377
25	390	18.05809
30	390	18.06857
35	390	18.0795
40	390	18.06004
45	390	18.0676
50	390	18.05514
55	390	18.06819
60	390	18.0523
65	390	18.05882
70	390	18.05293
75	390	18.05796
80	390	18.06597
85	390	18.07403
90	390	18.07374
95	390	18.07206
100	390	18.07165
105	390	18.07891
110	390	18.06803
115	390	18.06836
120	390	18.07731
125	390	18.07211
130	390	18.05986
135	390	18.07681
140	390	18.0739
145	390	18.07204

EM wavele nm	EX wavele nm	R1 MicroAmps
150	390	18.08107
155	390	18.07404
160	390	18.08432
165	390	18.06322
170	390	18.07927
175	390	18.08147
180	390	18.07633
185	390	18.07481
190	390	18.08037
195	390	18.0719
200	390	18.06221
205	390	18.07438
210	390	18.07371
215	390	18.07241
220	390	18.06538
225	390	18.07223
230	390	18.06791
235	390	18.06231
240	390	18.06824
245	390	18.08313
250	390	18.07396
255	390	18.06333
260	390	18.07866
265	390	18.05953
270	390	18.07068
275	390	18.06471
280	390	18.07332
285	390	18.07339
290	390	18.07398
295	390	18.06881
300	390	18.07072
305	390	18.06098
310	390	18.06828
315	390	18.07172
320	390	18.05519
325	390	18.06939
330	390	18.06907
335	390	18.0765
340	390	18.06542
345	390	18.07291
350	390	18.07058
355	390	18.06799
360	390	18.05854
365	390	18.06528
370	390	18.07857
375	390	18.06738
380	390	18.09098
385	390	18.07354
390	390	18.07869
395	390	18.06778
400	390	18.07961
405	390	18.07647
410	390	18.06846
415	390	18.07292
420	390	18.06477
425	390	18.07084
430	390	18.06733
435	390	18.07762
440	390	18.06455
445	390	18.07198
450	390	18.05362
455	390	18.06053
460	390	18.06286
465	390	18.05878

EM wavele nm	EX wavele nm	R1 MicroAmps
470	390	18.07228
475	390	18.06913
480	390	18.06651
485	390	18.06613
490	390	18.07408
495	390	18.06554
500	390	18.0648
505	390	18.07025
510	390	18.06138
515	390	18.06623
520	390	18.05908
525	390	18.07342
530	390	18.06751
535	390	18.07428
540	390	18.07255
545	390	18.07519
550	390	18.06975
555	390	18.08221
560	390	18.0721
565	390	18.06698
570	390	18.06872
575	390	18.08008
580	390	18.07321
585	390	18.07844
590	390	18.0807
595	390	18.07485
600	390	18.07693
605	390	18.07765
610	390	18.07534
615	390	18.08427
620	390	18.06357
625	390	18.0702
630	390	18.07118
635	390	18.06128
640	390	18.06874
645	390	18.07124
650	390	18.07748
655	390	18.07768
660	390	18.07814
665	390	18.07418
670	390	18.08319
675	390	18.07896
680	390	18.08057
685	390	18.07342
690	390	18.08342
695	390	18.07408
700	390	18.07955
705	390	18.07597
710	390	18.07118
715	390	18.07845
720	390	18.06973
725	390	18.06077
730	390	18.08407
735	390	18.06959
740	390	18.07452
745	390	18.07676
750	390	18.065
755	390	18.08087
760	390	18.06603
765	390	18.07742
770	390	18.07807
775	390	18.07564
780	390	18.07467
785	390	18.06587

EM wavele nm	EX wavele nm	R1 MicroAmps
790	390	18.07536
795	390	18.07387
800	390	18.06844
805	390	18.07163
810	390	18.06977
815	390	18.07963
820	390	18.07529
825	390	18.0719
830	390	18.06227
835	390	18.06403
840	390	18.08083
845	390	18.05921
850	390	18.07976
855	390	18.07535
860	390	18.09264
865	390	18.07782
870	390	18.08194
875	390	18.07204
880	390	18.07401
885	390	18.07018
890	390	18.07117
895	390	18.07965
900	390	18.0783
905	390	18.09034
910	390	18.07277
915	390	18.07868
920	390	18.08378
925	390	18.06896
930	390	18.08221
935	390	18.07168
940	390	18.0751
945	390	18.08833
950	390	18.07629
955	390	18.07892
960	390	18.0821
965	390	18.08341
970	390	18.09185
975	390	18.08278
980	390	18.08379
985	390	18.07327
990	390	18.08196
995	390	18.08181
1000	390	18.08067
1005	390	18.08256
1010	390	18.07964
1015	390	18.08681
1020	390	18.09353
1025	390	18.07252
1030	390	18.083
1035	390	18.08972
1040	390	18.08718
1045	390	18.08422
1050	390	18.07646
1055	390	18.07531
1060	390	18.06224
1065	390	18.0797
1070	390	18.06448
1075	390	18.06498
1080	390	18.06709
1085	390	18.07294
1090	390	18.07483
1095	390	18.06884
1100	390	18.07009
1105	390	18.073

EM wavele nm	EX wavele nm	R1 MicroAmps
1110	390	18.07036
1115	390	18.07739
1120	390	18.08598
1125	390	18.0744
1130	390	18.06832
1135	390	18.07267
1140	390	18.06903
1145	390	18.07297
1150	390	18.06897
0	395	19.45106
5	395	19.44962
10	395	19.46228
15	395	19.44005
20	395	19.44802
25	395	19.4504
30	395	19.44583
35	395	19.44469
40	395	19.44524
45	395	19.58513
50	395	19.67392
55	395	19.60532
60	395	19.59558
65	395	19.48374
70	395	19.47278
75	395	19.47409
80	395	19.43827
85	395	19.41002
90	395	19.43681
95	395	19.44532
100	395	19.42776
105	395	19.44777
110	395	19.44623
115	395	19.44125
120	395	19.43048
125	395	19.46072
130	395	19.42961
135	395	19.43263
140	395	19.4366
145	395	19.45066
150	395	19.44695
155	395	19.45498
160	395	19.44113
165	395	19.45497
170	395	19.44801
175	395	19.4358
180	395	19.45403
185	395	19.44499
190	395	19.44941
195	395	19.43721
200	395	19.4497
205	395	19.42635
210	395	19.4356
215	395	19.4372
220	395	19.43964
225	395	19.43029
230	395	19.43159
235	395	19.45045
240	395	19.42879
245	395	19.44678
250	395	19.43235
255	395	19.44457
260	395	19.45093
265	395	19.51661
270	395	19.53608

EM wavele nm	EX wavele nm	R1 MicroAmps
275	395	19.51836
280	395	19.502
285	395	19.47796
290	395	19.46013
295	395	19.45297
300	395	19.459
305	395	19.43648
310	395	19.43035
315	395	19.42456
320	395	19.4323
325	395	19.41693
330	395	19.42509
335	395	19.41659
340	395	19.44853
345	395	19.43862
350	395	19.45664
355	395	19.4652
360	395	19.44584
365	395	19.4597
370	395	19.4529
375	395	19.44971
380	395	19.44077
385	395	19.44904
390	395	19.44441
395	395	19.43968
400	395	19.43588
405	395	19.44195
410	395	19.42527
415	395	19.42374
420	395	19.44606
425	395	19.43391
430	395	19.45035
435	395	19.43275
440	395	19.45359
445	395	19.4494
450	395	19.44561
455	395	19.45262
460	395	19.45681
465	395	19.45775
470	395	19.43894
475	395	19.44588
480	395	19.45087
485	395	19.44893
490	395	19.43916
495	395	19.45026
500	395	19.45428
505	395	19.45513
510	395	19.4463
515	395	19.44924
520	395	19.44871
525	395	19.44885
530	395	19.43411
535	395	19.4455
540	395	19.44765
545	395	19.43374
550	395	19.44451
555	395	19.44133
560	395	19.4278
565	395	19.42227
570	395	19.42048
575	395	19.42407
580	395	19.4323
585	395	19.43962
590	395	19.4299

EM wavele nm	EX wavele nm	R1 MicroAmps
595	395	19.445
600	395	19.42914
605	395	19.44023
610	395	19.448
615	395	19.45073
620	395	19.44493
625	395	19.4532
630	395	19.45259
635	395	19.44284
640	395	19.45187
645	395	19.44255
650	395	19.44458
655	395	19.45578
660	395	19.44778
665	395	19.44858
670	395	19.45643
675	395	19.44677
680	395	19.44008
685	395	19.44245
690	395	19.44326
695	395	19.44396
700	395	19.43442
705	395	19.448
710	395	19.43688
715	395	19.44382
720	395	19.4315
725	395	19.4388
730	395	19.44831
735	395	19.44274
740	395	19.43526
745	395	19.45174
750	395	19.44757
755	395	19.4433
760	395	19.44247
765	395	19.43843
770	395	19.44864
775	395	19.44556
780	395	19.45104
785	395	19.43893
790	395	19.43794
795	395	19.44945
800	395	19.43371
805	395	19.43131
810	395	19.43723
815	395	19.43668
820	395	19.44615
825	395	19.43485
830	395	19.43135
835	395	19.44138
840	395	19.44313
845	395	19.43315
850	395	19.42893
855	395	19.43793
860	395	19.43718
865	395	19.43467
870	395	19.43456
875	395	19.43639
880	395	19.44187
885	395	19.455
890	395	19.4456
895	395	19.44649
900	395	19.44369
905	395	19.4423
910	395	19.43866

EM wavele nm	EX wavele nm	R1 MicroAmps
915	395	19.43181
920	395	19.43383
925	395	19.43213
930	395	19.43716
935	395	19.43609
940	395	19.42393
945	395	19.44618
950	395	19.44151
955	395	19.43389
960	395	19.43702
965	395	19.42634
970	395	19.44057
975	395	19.42159
980	395	19.42222
985	395	19.42747
990	395	19.43529
995	395	19.43276
1000	395	19.42488
1005	395	19.43122
1010	395	19.43385
1015	395	19.42226
1020	395	19.42641
1025	395	19.42355
1030	395	19.43187
1035	395	19.43302
1040	395	19.42682
1045	395	19.42741
1050	395	19.41794
1055	395	19.43138
1060	395	19.42029
1065	395	19.41123
1070	395	19.42746
1075	395	19.4274
1080	395	19.43591
1085	395	19.42108
1090	395	19.43728
1095	395	19.41529
1100	395	19.42298
1105	395	19.42965
1110	395	19.42804
1115	395	19.43166
1120	395	19.4253
1125	395	19.4306
1130	395	19.43514
1135	395	19.42059
1140	395	19.41716
1145	395	19.42433
1150	395	19.42194
0	400	19.64207
5	400	19.65321
10	400	19.63844
15	400	19.66139
20	400	19.6562
25	400	19.66323
30	400	19.67166
35	400	19.66077
40	400	19.66791
45	400	19.6499
50	400	19.65004
55	400	19.6621
60	400	19.66809
65	400	19.64615
70	400	19.65956
75	400	19.65614

EM wavele nm	EX wavele nm	R1 MicroAmps
80	400	19.67122
85	400	19.65943
90	400	19.65278
95	400	19.66498
100	400	19.66012
105	400	19.65447
110	400	19.65427
115	400	19.65355
120	400	19.646
125	400	19.63783
130	400	19.64933
135	400	19.64525
140	400	19.6438
145	400	19.65221
150	400	19.64473
155	400	19.64705
160	400	19.65107
165	400	19.65828
170	400	19.64725
175	400	19.64828
180	400	19.65453
185	400	19.64881
190	400	19.65412
195	400	19.64503
200	400	19.65984
205	400	19.64525
210	400	19.64805
215	400	19.64777
220	400	19.65446
225	400	19.65309
230	400	19.65128
235	400	19.65981
240	400	19.64252
245	400	19.64913
250	400	19.6412
255	400	19.66359
260	400	19.63389
265	400	19.65567
270	400	19.651
275	400	19.64935
280	400	19.64997
285	400	19.64403
290	400	19.65817
295	400	19.64965
300	400	19.65016
305	400	19.65119
310	400	19.66093
315	400	19.65064
320	400	19.65119
325	400	19.6576
330	400	19.65255
335	400	19.64202
340	400	19.64222
345	400	19.64401
350	400	19.63591
355	400	19.64102
360	400	19.63704
365	400	19.63588
370	400	19.6294
375	400	19.64088
380	400	19.6446
385	400	19.64411
390	400	19.65013
395	400	19.64522

EM wavele nm	EX wavele nm	R1 MicroAmps
400	400	19.65212
405	400	19.63831
410	400	19.649
415	400	19.64754
420	400	19.64102
425	400	19.64395
430	400	19.64058
435	400	19.64498
440	400	19.63087
445	400	19.64985
450	400	19.6419
455	400	19.63287
460	400	19.64428
465	400	19.62582
470	400	19.6514
475	400	19.63168
480	400	19.64331
485	400	19.64313
490	400	19.64109
495	400	19.64296
500	400	19.63898
505	400	19.64721
510	400	19.65161
515	400	19.65058
520	400	19.64764
525	400	19.65096
530	400	19.65563
535	400	19.64901
540	400	19.6459
545	400	19.65441
550	400	19.65567
555	400	19.64536
560	400	19.65166
565	400	19.64625
570	400	19.63521
575	400	19.64697
580	400	19.64269
585	400	19.64466
590	400	19.63917
595	400	19.63533
600	400	19.6485
605	400	19.641
610	400	19.62388
615	400	19.63595
620	400	19.62796
625	400	19.62074
630	400	19.63399
635	400	19.63491
640	400	19.64182
645	400	19.64032
650	400	19.63715
655	400	19.65077
660	400	19.64021
665	400	19.64336
670	400	19.63102
675	400	19.63399
680	400	19.64626
685	400	19.63077
690	400	19.64335
695	400	19.63039
700	400	19.63446
705	400	19.64208
710	400	19.62691
715	400	19.64559

EM wavele nm	EX wavele nm	R1 MicroAmps
720	400	19.63714
725	400	19.65594
730	400	19.64112
735	400	19.65651
740	400	19.66147
745	400	19.64489
750	400	19.66342
755	400	19.65143
760	400	19.6557
765	400	19.64388
770	400	19.64252
775	400	19.64781
780	400	19.63787
785	400	19.65554
790	400	19.6518
795	400	19.64749
800	400	19.65267
805	400	19.65325
810	400	19.65691
815	400	19.65378
820	400	19.66295
825	400	19.64953
830	400	19.64894
835	400	19.65196
840	400	19.63347
845	400	19.64651
850	400	19.6306
855	400	19.63976
860	400	19.65047
865	400	19.62594
870	400	19.64901
875	400	19.62576
880	400	19.65686
885	400	19.63661
890	400	19.63799
895	400	19.66244
900	400	19.65381
905	400	19.65868
910	400	19.6563
915	400	19.6473
920	400	19.64302
925	400	19.64738
930	400	19.64859
935	400	19.63764
940	400	19.65115
945	400	19.65781
950	400	19.65047
955	400	19.65173
960	400	19.63661
965	400	19.64991
970	400	19.65132
975	400	19.65487
980	400	19.65527
985	400	19.65783
990	400	19.67029
995	400	19.64601
1000	400	19.65284
1005	400	19.65231
1010	400	19.65846
1015	400	19.65842
1020	400	19.66192
1025	400	19.65628
1030	400	19.65552
1035	400	19.65481

EM wavele nm	EX wavele nm	R1 MicroAmps
1040	400	19.66424
1045	400	19.65387
1050	400	19.65065
1055	400	19.65506
1060	400	19.66273
1065	400	19.66332
1070	400	19.66057
1075	400	19.65285
1080	400	19.64872
1085	400	19.65257
1090	400	19.66138
1095	400	19.64607
1100	400	19.65679
1105	400	19.65558
1110	400	19.65888
1115	400	19.65561
1120	400	19.66602
1125	400	19.64856
1130	400	19.65867
1135	400	19.65624
1140	400	19.6564
1145	400	19.66828
1150	400	19.66461
0	405	19.59121
5	405	19.6111
10	405	19.59976
15	405	19.60268
20	405	19.59787
25	405	19.59736
30	405	19.59178
35	405	19.59017
40	405	19.58282
45	405	19.58938
50	405	19.56596
55	405	19.56389
60	405	19.58012
65	405	19.57121
70	405	19.58408
75	405	19.60125
80	405	19.58712
85	405	19.60177
90	405	19.60139
95	405	19.59648
100	405	19.60804
105	405	19.59504
110	405	19.59911
115	405	19.59467
120	405	19.582
125	405	19.59102
130	405	19.58374
135	405	19.58305
140	405	19.58492
145	405	19.58732
150	405	19.59718
155	405	19.60771
160	405	19.60187
165	405	19.61082
170	405	19.60597
175	405	19.59642
180	405	19.60196
185	405	19.59755
190	405	19.57756
195	405	19.59551
200	405	19.58896

EM wavele nm	EX wavele nm	R1 MicroAmps
205	405	19.59022
210	405	19.58582
215	405	19.58902
220	405	19.59498
225	405	19.58422
230	405	19.58558
235	405	19.59191
240	405	19.58543
245	405	19.58702
250	405	19.60226
255	405	19.59299
260	405	19.60374
265	405	19.59018
270	405	19.59912
275	405	19.58989
280	405	19.58648
285	405	19.58837
290	405	19.60417
295	405	19.595
300	405	19.59742
305	405	19.61582
310	405	19.59874
315	405	19.59084
320	405	19.59973
325	405	19.58467
330	405	19.57676
335	405	19.58267
340	405	19.57758
345	405	19.58587
350	405	19.59127
355	405	19.58993
360	405	19.59273
365	405	19.58711
370	405	19.59782
375	405	19.59613
380	405	19.59685
385	405	19.60285
390	405	19.59537
395	405	19.59967
400	405	19.59016
405	405	19.59449
410	405	19.59087
415	405	19.59239
420	405	19.59746
425	405	19.59815
430	405	19.59126
435	405	19.59824
440	405	19.59705
445	405	19.60221
450	405	19.5927
455	405	19.59376
460	405	19.59848
465	405	19.59355
470	405	19.59129
475	405	19.59262
480	405	19.60036
485	405	19.59216
490	405	19.59618
495	405	19.59336
500	405	19.58619
505	405	19.58412
510	405	19.57534
515	405	19.59048
520	405	19.58006

EM wavele nm	EX wavele nm	R1 MicroAmps
525	405	19.58316
530	405	19.59012
535	405	19.59007
540	405	19.58844
545	405	19.59471
550	405	19.59137
555	405	19.60384
560	405	19.59485
565	405	19.59931
570	405	19.59735
575	405	19.59738
580	405	19.58936
585	405	19.58856
590	405	19.60014
595	405	19.57743
600	405	19.59237
605	405	19.59523
610	405	19.57969
615	405	19.5942
620	405	19.58279
625	405	19.59434
630	405	19.58757
635	405	19.57705
640	405	19.59422
645	405	19.5884
650	405	19.5772
655	405	19.58537
660	405	19.59883
665	405	19.60155
670	405	19.60222
675	405	19.60028
680	405	19.59545
685	405	19.61266
690	405	19.59457
695	405	19.59673
700	405	19.60033
705	405	19.6082
710	405	19.5912
715	405	19.58497
720	405	19.59449
725	405	19.59354
730	405	19.60146
735	405	19.58981
740	405	19.58649
745	405	19.60093
750	405	19.5871
755	405	19.59261
760	405	19.58046
765	405	19.59066
770	405	19.60212
775	405	19.58178
780	405	19.59058
785	405	19.58123
790	405	19.58974
795	405	19.59071
800	405	19.57816
805	405	19.58368
810	405	19.58504
815	405	19.59658
820	405	19.57205
825	405	19.58401
830	405	19.60045
835	405	19.58323
840	405	19.59615

EM wavele nm	EX wavele nm	R1 MicroAmps
845	405	19.59254
850	405	19.59981
855	405	19.60776
860	405	19.60113
865	405	19.59998
870	405	19.58694
875	405	19.5893
880	405	19.59791
885	405	19.58904
890	405	19.58597
895	405	19.58971
900	405	19.58862
905	405	19.58713
910	405	19.59228
915	405	19.583
920	405	19.58207
925	405	19.59542
930	405	19.57707
935	405	19.57886
940	405	19.60381
945	405	19.57935
950	405	19.58724
955	405	19.58967
960	405	19.59069
965	405	19.5847
970	405	19.59126
975	405	19.58934
980	405	19.58413
985	405	19.58859
990	405	19.59443
995	405	19.59191
1000	405	19.58191
1005	405	19.60435
1010	405	19.59441
1015	405	19.60007
1020	405	19.59811
1025	405	19.586
1030	405	19.60671
1035	405	19.58885
1040	405	19.60086
1045	405	19.59586
1050	405	19.57289
1055	405	19.59504
1060	405	19.59138
1065	405	19.5914
1070	405	19.59696
1075	405	19.6017
1080	405	19.58994
1085	405	19.57821
1090	405	19.58936
1095	405	19.59877
1100	405	19.59037
1105	405	19.58788
1110	405	19.58881
1115	405	19.59058
1120	405	19.57913
1125	405	19.58201
1130	405	19.58287
1135	405	19.58823
1140	405	19.58992
1145	405	19.58352
1150	405	19.58702
0	410	20.17892
5	410	20.17393

EM wavele nm	EX wavele nm	R1 MicroAmps
10	410	20.17527
15	410	20.17558
20	410	20.18097
25	410	20.16344
30	410	20.17176
35	410	20.18218
40	410	20.17601
45	410	20.18149
50	410	20.17958
55	410	20.17758
60	410	20.18087
65	410	20.17759
70	410	20.17666
75	410	20.1828
80	410	20.17423
85	410	20.17144
90	410	20.17007
95	410	20.15834
100	410	20.15628
105	410	20.16151
110	410	20.15575
115	410	20.14914
120	410	20.16111
125	410	20.16561
130	410	20.15926
135	410	20.1627
140	410	20.17095
145	410	20.16168
150	410	20.16738
155	410	20.17195
160	410	20.16386
165	410	20.15755
170	410	20.16187
175	410	20.17064
180	410	20.15765
185	410	20.1649
190	410	20.16207
195	410	20.15776
200	410	20.16684
205	410	20.16412
210	410	20.17214
215	410	20.16487
220	410	20.17591
225	410	20.16942
230	410	20.16971
235	410	20.15497
240	410	20.1598
245	410	20.15882
250	410	20.14613
255	410	20.17276
260	410	20.15413
265	410	20.16229
270	410	20.16815
275	410	20.15943
280	410	20.16767
285	410	20.14609
290	410	20.15922
295	410	20.16513
300	410	20.15656
305	410	20.16686
310	410	20.16558
315	410	20.17344
320	410	20.16925
325	410	20.17361

EM wavele nm	EX wavele nm	R1 MicroAmps
330	410	20.1701
335	410	20.16241
340	410	20.16551
345	410	20.15418
350	410	20.1742
355	410	20.14563
360	410	20.16565
365	410	20.17033
370	410	20.16076
375	410	20.17196
380	410	20.16297
385	410	20.17365
390	410	20.1684
395	410	20.16503
400	410	20.16879
405	410	20.17733
410	410	20.16515
415	410	20.17648
420	410	20.18956
425	410	20.16834
430	410	20.1827
435	410	20.17971
440	410	20.19722
445	410	20.17559
450	410	20.18005
455	410	20.18209
460	410	20.17881
465	410	20.16993
470	410	20.1607
475	410	20.17832
480	410	20.16065
485	410	20.16496
490	410	20.181
495	410	20.1624
500	410	20.15474
505	410	20.17261
510	410	20.16479
515	410	20.17918
520	410	20.17818
525	410	20.17316
530	410	20.18926
535	410	20.16504
540	410	20.16684
545	410	20.18073
550	410	20.16119
555	410	20.16257
560	410	20.16989
565	410	20.1637
570	410	20.16413
575	410	20.17869
580	410	20.1656
585	410	20.18945
590	410	20.17581
595	410	20.18076
600	410	20.18295
605	410	20.18653
610	410	20.17948
615	410	20.1765
620	410	20.1832
625	410	20.17422
630	410	20.1814
635	410	20.17975
640	410	20.17681
645	410	20.1889

EM wavele nm	EX wavele nm	R1 MicroAmps
650	410	20.16406
655	410	20.18067
660	410	20.19955
665	410	20.17148
670	410	20.18634
675	410	20.19062
680	410	20.17509
685	410	20.18387
690	410	20.18235
695	410	20.18837
700	410	20.17933
705	410	20.19098
710	410	20.17954
715	410	20.1826
720	410	20.19283
725	410	20.18128
730	410	20.17327
735	410	20.18668
740	410	20.17238
745	410	20.17437
750	410	20.16634
755	410	20.18152
760	410	20.18063
765	410	20.17095
770	410	20.16556
775	410	20.17015
780	410	20.18472
785	410	20.16591
790	410	20.16156
795	410	20.18216
800	410	20.18307
805	410	20.18188
810	410	20.18486
815	410	20.18539
820	410	20.18042
825	410	20.1855
830	410	20.19098
835	410	20.16759
840	410	20.18448
845	410	20.19357
850	410	20.18959
855	410	20.18315
860	410	20.19311
865	410	20.17993
870	410	20.1886
875	410	20.18775
880	410	20.17314
885	410	20.18892
890	410	20.18459
895	410	20.18116
900	410	20.17161
905	410	20.18137
910	410	20.17998
915	410	20.1794
920	410	20.17673
925	410	20.22907
930	410	20.22651
935	410	20.21077
940	410	20.20096
945	410	20.19785
950	410	20.20621
955	410	20.20243
960	410	20.19678
965	410	20.2011

EM wavele nm	EX wavele nm	R1 MicroAmps
970	410	20.19751
975	410	20.1931
980	410	20.19779
985	410	20.18313
990	410	20.1879
995	410	20.1907
1000	410	20.19427
1005	410	20.19531
1010	410	20.19217
1015	410	20.18848
1020	410	20.19729
1025	410	20.18805
1030	410	20.18003
1035	410	20.18306
1040	410	20.18086
1045	410	20.1868
1050	410	20.17882
1055	410	20.18074
1060	410	20.17006
1065	410	20.18942
1070	410	20.18434
1075	410	20.17865
1080	410	20.18499
1085	410	20.1739
1090	410	20.18043
1095	410	20.1875
1100	410	20.18018
1105	410	20.17857
1110	410	20.17765
1115	410	20.17172
1120	410	20.17274
1125	410	20.1912
1130	410	20.17367
1135	410	20.17472
1140	410	20.18818
1145	410	20.18279
1150	410	20.18949
0	415	20.41384
5	415	20.41688
10	415	20.41976
15	415	20.4201
20	415	20.41741
25	415	20.42159
30	415	20.42428
35	415	20.43264
40	415	20.42644
45	415	20.43528
50	415	20.44103
55	415	20.4354
60	415	20.44078
65	415	20.44076
70	415	20.42837
75	415	20.42881
80	415	20.42712
85	415	20.44811
90	415	20.43092
95	415	20.44361
100	415	20.44824
105	415	20.42415
110	415	20.43048
115	415	20.42201
120	415	20.43205
125	415	20.41368
130	415	20.42643

EM wavele nm	EX wavele nm	R1 MicroAmps
135	415	20.4322
140	415	20.41583
145	415	20.41544
150	415	20.42018
155	415	20.42878
160	415	20.4164
165	415	20.41613
170	415	20.42495
175	415	20.41763
180	415	20.41481
185	415	20.42191
190	415	20.42235
195	415	20.4192
200	415	20.43133
205	415	20.42921
210	415	20.43347
215	415	20.42626
220	415	20.42998
225	415	20.43306
230	415	20.43523
235	415	20.43812
240	415	20.44007
245	415	20.4209
250	415	20.41947
255	415	20.42623
260	415	20.4199
265	415	20.4143
270	415	20.43184
275	415	20.42969
280	415	20.43667
285	415	20.43205
290	415	20.42703
295	415	20.43458
300	415	20.4283
305	415	20.42342
310	415	20.43011
315	415	20.41945
320	415	20.42823
325	415	20.42637
330	415	20.4227
335	415	20.42367
340	415	20.42146
345	415	20.42265
350	415	20.42409
355	415	20.41969
360	415	20.42845
365	415	20.42238
370	415	20.4101
375	415	20.42161
380	415	20.42857
385	415	20.41835
390	415	20.43479
395	415	20.42299
400	415	20.4225
405	415	20.42557
410	415	20.43047
415	415	20.43021
420	415	20.43605
425	415	20.42191
430	415	20.437
435	415	20.42413
440	415	20.41592
445	415	20.43461
450	415	20.42458

EM wavele nm	EX wavele nm	R1 MicroAmps
455	415	20.4226
460	415	20.42788
465	415	20.42662
470	415	20.42225
475	415	20.42681
480	415	20.42172
485	415	20.43339
490	415	20.42414
495	415	20.42972
500	415	20.4361
505	415	20.4206
510	415	20.41926
515	415	20.4356
520	415	20.42887
525	415	20.4279
530	415	20.43863
535	415	20.4279
540	415	20.43951
545	415	20.4206
550	415	20.42373
555	415	20.43489
560	415	20.41704
565	415	20.43085
570	415	20.41384
575	415	20.43125
580	415	20.41214
585	415	20.42989
590	415	20.42666
595	415	20.43156
600	415	20.40529
605	415	20.42333
610	415	20.42644
615	415	20.41944
620	415	20.42549
625	415	20.42584
630	415	20.43094
635	415	20.4328
640	415	20.42984
645	415	20.44046
650	415	20.42901
655	415	20.41965
660	415	20.42692
665	415	20.43728
670	415	20.41784
675	415	20.41943
680	415	20.41798
685	415	20.42233
690	415	20.42766
695	415	20.41908
700	415	20.42723
705	415	20.43126
710	415	20.42872
715	415	20.43203
720	415	20.43536
725	415	20.43805
730	415	20.42437
735	415	20.43593
740	415	20.42992
745	415	20.42321
750	415	20.42575
755	415	20.41263
760	415	20.40775
765	415	20.42259
770	415	20.42028

EM wavele nm	EX wavele nm	R1 MicroAmps
775	415	20.41791
780	415	20.42145
785	415	20.42476
790	415	20.41987
795	415	20.42582
800	415	20.42169
805	415	20.42978
810	415	20.42337
815	415	20.42396
820	415	20.41995
825	415	20.42097
830	415	20.40845
835	415	20.44603
840	415	20.43718
845	415	20.44043
850	415	20.42163
855	415	20.43033
860	415	20.40245
865	415	20.41113
870	415	20.41226
875	415	20.41266
880	415	20.41715
885	415	20.40719
890	415	20.4235
895	415	20.41076
900	415	20.41828
905	415	20.41054
910	415	20.41679
915	415	20.42488
920	415	20.41461
925	415	20.41445
930	415	20.41724
935	415	20.40409
940	415	20.40997
945	415	20.38677
950	415	20.40943
955	415	20.40668
960	415	20.41806
965	415	20.39912
970	415	20.40209
975	415	20.4302
980	415	20.42319
985	415	20.42542
990	415	20.41813
995	415	20.42741
1000	415	20.43348
1005	415	20.41811
1010	415	20.42123
1015	415	20.41471
1020	415	20.40799
1025	415	20.42004
1030	415	20.41165
1035	415	20.40961
1040	415	20.41923
1045	415	20.42439
1050	415	20.4169
1055	415	20.4123
1060	415	20.42283
1065	415	20.41744
1070	415	20.4179
1075	415	20.423
1080	415	20.40835
1085	415	20.40143
1090	415	20.41124

EM wavele nm	EX wavele nm	R1 MicroAmps
1095	415	20.4171
1100	415	20.42004
1105	415	20.41744
1110	415	20.42168
1115	415	20.43019
1120	415	20.41699
1125	415	20.42942
1130	415	20.42746
1135	415	20.42781
1140	415	20.4214
1145	415	20.42068
1150	415	20.42767
0	420	20.89229
5	420	20.88988
10	420	20.9037
15	420	20.88978
20	420	20.89198
25	420	20.8896
30	420	20.88811
35	420	20.87867
40	420	20.87636
45	420	20.88985
50	420	20.87134
55	420	20.88139
60	420	20.88881
65	420	20.88146
70	420	20.8843
75	420	20.89441
80	420	20.88897
85	420	20.88245
90	420	20.89431
95	420	20.88089
100	420	20.88881
105	420	20.87955
110	420	20.89288
115	420	20.89344
120	420	20.89195
125	420	20.88892
130	420	20.88926
135	420	20.89392
140	420	20.88199
145	420	20.8909
150	420	20.88483
155	420	20.89229
160	420	20.87916
165	420	20.88252
170	420	20.88079
175	420	20.88046
180	420	20.88645
185	420	20.88205
190	420	20.8736
195	420	20.87883
200	420	20.88617
205	420	20.87852
210	420	20.8908
215	420	20.88174
220	420	20.89892
225	420	20.8933
230	420	20.88184
235	420	20.8941
240	420	20.89509
245	420	20.88449
250	420	20.88798
255	420	20.89541

EM wavele nm	EX wavele nm	R1 MicroAmps
260	420	20.89115
265	420	20.88306
270	420	20.87594
275	420	20.88496
280	420	20.87294
285	420	20.87998
290	420	20.89126
295	420	20.88473
300	420	20.88381
305	420	20.87653
310	420	20.88737
315	420	20.87682
320	420	20.87786
325	420	20.89014
330	420	20.88761
335	420	20.87698
340	420	20.87824
345	420	20.88706
350	420	20.87373
355	420	20.88076
360	420	20.87108
365	420	20.8726
370	420	20.8773
375	420	20.87789
380	420	20.89806
385	420	20.89417
390	420	20.8995
395	420	20.89355
400	420	20.90002
405	420	20.87904
410	420	20.89076
415	420	20.88276
420	420	20.89464
425	420	20.87977
430	420	20.87559
435	420	20.89406
440	420	20.88384
445	420	20.88215
450	420	20.90226
455	420	20.89856
460	420	20.89768
465	420	20.90975
470	420	20.89235
475	420	20.9117
480	420	20.90292
485	420	20.877
490	420	20.89627
495	420	20.89582
500	420	20.88107
505	420	20.88601
510	420	20.89198
515	420	20.88298
520	420	20.88537
525	420	20.88463
530	420	20.90327
535	420	20.881
540	420	20.89845
545	420	20.90813
550	420	20.90412
555	420	20.9088
560	420	20.90869
565	420	20.90592
570	420	20.9073
575	420	20.89154

EM wavele nm	EX wavele nm	R1 MicroAmps
580	420	20.90085
585	420	20.89269
590	420	20.8894
595	420	20.89907
600	420	20.89767
605	420	20.8885
610	420	20.88895
615	420	20.88589
620	420	20.89583
625	420	20.88062
630	420	20.88066
635	420	20.88593
640	420	20.89708
645	420	20.87245
650	420	20.89897
655	420	20.88057
660	420	20.8853
665	420	20.88079
670	420	20.87559
675	420	20.88566
680	420	20.87762
685	420	20.88454
690	420	20.8824
695	420	20.88986
700	420	20.88857
705	420	20.88046
710	420	20.89101
715	420	20.90373
720	420	20.89488
725	420	20.89611
730	420	20.88934
735	420	20.88914
740	420	20.90853
745	420	20.87466
750	420	20.88132
755	420	20.8911
760	420	20.88701
765	420	20.89104
770	420	20.88572
775	420	20.89092
780	420	20.88833
785	420	20.90215
790	420	20.89804
795	420	20.89663
800	420	20.90904
805	420	20.90306
810	420	20.89278
815	420	20.89583
820	420	20.89363
825	420	20.90122
830	420	20.89408
835	420	20.892
840	420	20.89719
845	420	20.90257
850	420	20.89784
855	420	20.88465
860	420	20.88567
865	420	20.89623
870	420	20.88075
875	420	20.88256
880	420	20.88906
885	420	20.89044
890	420	20.89305
895	420	20.88733

EM wavele nm	EX wavele nm	R1 MicroAmps
900	420	20.89335
905	420	20.89738
910	420	20.89964
915	420	20.89227
920	420	20.88161
925	420	20.88361
930	420	20.89559
935	420	20.86625
940	420	20.88451
945	420	20.88301
950	420	20.89114
955	420	20.88186
960	420	20.89187
965	420	20.89499
970	420	20.89504
975	420	20.90389
980	420	20.88748
985	420	20.88033
990	420	20.90567
995	420	20.88953
1000	420	20.87243
1005	420	20.88978
1010	420	20.88965
1015	420	20.88899
1020	420	20.87737
1025	420	20.89339
1030	420	20.88087
1035	420	20.90512
1040	420	20.8922
1045	420	20.88882
1050	420	20.89433
1055	420	20.88466
1060	420	20.88761
1065	420	20.8853
1070	420	20.89109
1075	420	20.88389
1080	420	20.88994
1085	420	20.88178
1090	420	20.87954
1095	420	20.86489
1100	420	20.88943
1105	420	20.87564
1110	420	20.88814
1115	420	20.87112
1120	420	20.87382
1125	420	20.87249
1130	420	20.88174
1135	420	20.88886
1140	420	20.88861
1145	420	20.8962
1150	420	20.88717
0	425	20.52461
5	425	20.52681
10	425	20.5373
15	425	20.53541
20	425	20.52764
25	425	20.53049
30	425	20.53418
35	425	20.53443
40	425	20.51991
45	425	20.53345
50	425	20.51165
55	425	20.51328
60	425	20.51927

EM wavele nm	EX wavele nm	R1 MicroAmps
65	425	20.52125
70	425	20.51609
75	425	20.52417
80	425	20.53316
85	425	20.51924
90	425	20.53478
95	425	20.52021
100	425	20.51972
105	425	20.52788
110	425	20.52672
115	425	20.53874
120	425	20.52845
125	425	20.54195
130	425	20.53282
135	425	20.53203
140	425	20.52905
145	425	20.53566
150	425	20.53502
155	425	20.52159
160	425	20.52559
165	425	20.52703
170	425	20.525
175	425	20.51419
180	425	20.52985
185	425	20.52802
190	425	20.51356
195	425	20.5339
200	425	20.51481
205	425	20.52244
210	425	20.5196
215	425	20.51708
220	425	20.51536
225	425	20.51314
230	425	20.51555
235	425	20.51243
240	425	20.51408
245	425	20.52169
250	425	20.52328
255	425	20.55664
260	425	20.54841
265	425	20.55828
270	425	20.54808
275	425	20.54402
280	425	20.54952
285	425	20.54589
290	425	20.53749
295	425	20.54535
300	425	20.53934
305	425	20.54064
310	425	20.53129
315	425	20.54916
320	425	20.53503
325	425	20.52296
330	425	20.54129
335	425	20.52777
340	425	20.53013
345	425	20.53519
350	425	20.52469
355	425	20.52524
360	425	20.53406
365	425	20.52384
370	425	20.53063
375	425	20.52495
380	425	20.525

EM wavele nm	EX wavele nm	R1 MicroAmps
385	425	20.54307
390	425	20.52652
395	425	20.53354
400	425	20.55156
405	425	20.52336
410	425	20.53332
415	425	20.5317
420	425	20.52406
425	425	20.51791
430	425	20.52059
435	425	20.52919
440	425	20.52548
445	425	20.52987
450	425	20.53883
455	425	20.5399
460	425	20.5262
465	425	20.54299
470	425	20.54427
475	425	20.53728
480	425	20.53982
485	425	20.5398
490	425	20.54142
495	425	20.53826
500	425	20.54176
505	425	20.54402
510	425	20.53338
515	425	20.52648
520	425	20.52951
525	425	20.53181
530	425	20.52779
535	425	20.53083
540	425	20.52313
545	425	20.53056
550	425	20.52702
555	425	20.52425
560	425	20.52212
565	425	20.52399
570	425	20.53069
575	425	20.52556
580	425	20.52844
585	425	20.52542
590	425	20.52724
595	425	20.53199
600	425	20.53378
605	425	20.52722
610	425	20.53829
615	425	20.53218
620	425	20.54314
625	425	20.53089
630	425	20.51983
635	425	20.52497
640	425	20.51799
645	425	20.53347
650	425	20.5257
655	425	20.5194
660	425	20.53368
665	425	20.53419
670	425	20.54387
675	425	20.52092
680	425	20.53968
685	425	20.54
690	425	20.53776
695	425	20.53592
700	425	20.54525

EM wavele nm	EX wavele nm	R1 MicroAmps
705	425	20.54356
710	425	20.53407
715	425	20.54893
720	425	20.52372
725	425	20.53843
730	425	20.53213
735	425	20.53307
740	425	20.53829
745	425	20.52887
750	425	20.52562
755	425	20.52319
760	425	20.54508
765	425	20.534
770	425	20.52521
775	425	20.53648
780	425	20.53757
785	425	20.53479
790	425	20.53552
795	425	20.53828
800	425	20.54298
805	425	20.53293
810	425	20.53832
815	425	20.53438
820	425	20.53827
825	425	20.53367
830	425	20.52954
835	425	20.53248
840	425	20.53304
845	425	20.52797
850	425	20.52033
855	425	20.51904
860	425	20.52746
865	425	20.52797
870	425	20.51437
875	425	20.52063
880	425	20.52408
885	425	20.52129
890	425	20.52189
895	425	20.52969
900	425	20.53284
905	425	20.54044
910	425	20.52456
915	425	20.52035
920	425	20.5346
925	425	20.52048
930	425	20.53121
935	425	20.53523
940	425	20.54381
945	425	20.54218
950	425	20.51648
955	425	20.52959
960	425	20.52545
965	425	20.52514
970	425	20.52534
975	425	20.50635
980	425	20.52345
985	425	20.53346
990	425	20.51261
995	425	20.52864
1000	425	20.52634
1005	425	20.53219
1010	425	20.52804
1015	425	20.5345
1020	425	20.53676

EM wavele nm	EX wavele nm	R1 MicroAmps
1025	425	20.52459
1030	425	20.52915
1035	425	20.53065
1040	425	20.51566
1045	425	20.53011
1050	425	20.52474
1055	425	20.50496
1060	425	20.51275
1065	425	20.5252
1070	425	20.53189
1075	425	20.52795
1080	425	20.53234
1085	425	20.52664
1090	425	20.53393
1095	425	20.50723
1100	425	20.53895
1105	425	20.51313
1110	425	20.52213
1115	425	20.53105
1120	425	20.54051
1125	425	20.53647
1130	425	20.52751
1135	425	20.53593
1140	425	20.53932
1145	425	20.53486
1150	425	20.5433
0	430	20.48097
5	430	20.48216
10	430	20.48461
15	430	20.48981
20	430	20.46938
25	430	20.48455
30	430	20.4778
35	430	20.46373
40	430	20.4809
45	430	20.47707
50	430	20.47357
55	430	20.46171
60	430	20.4682
65	430	20.45767
70	430	20.46214
75	430	20.46484
80	430	20.46963
85	430	20.46661
90	430	20.4675
95	430	20.48126
100	430	20.46492
105	430	20.47195
110	430	20.47037
115	430	20.47611
120	430	20.4651
125	430	20.47097
130	430	20.46978
135	430	20.47371
140	430	20.46671
145	430	20.47126
150	430	20.47546
155	430	20.47429
160	430	20.469
165	430	20.47432
170	430	20.4692
175	430	20.46416
180	430	20.4628
185	430	20.46129

EM wavele nm	EX wavele nm	R1 MicroAmps
190	430	20.4661
195	430	20.46143
200	430	20.45918
205	430	20.46281
210	430	20.46209
215	430	20.45068
220	430	20.44883
225	430	20.44478
230	430	20.45674
235	430	20.44465
240	430	20.45144
245	430	20.47074
250	430	20.45532
255	430	20.46021
260	430	20.47034
265	430	20.47226
270	430	20.46083
275	430	20.47179
280	430	20.46792
285	430	20.47205
290	430	20.45819
295	430	20.45893
300	430	20.48283
305	430	20.45859
310	430	20.45846
315	430	20.47505
320	430	20.47104
325	430	20.46166
330	430	20.47438
335	430	20.46879
340	430	20.47915
345	430	20.47004
350	430	20.46252
355	430	20.47707
360	430	20.4583
365	430	20.46207
370	430	20.4693
375	430	20.46795
380	430	20.47051
385	430	20.47463
390	430	20.46834
395	430	20.47071
400	430	20.46422
405	430	20.49706
410	430	20.5003
415	430	20.47207
420	430	20.4843
425	430	20.4994
430	430	20.48963
435	430	20.48982
440	430	20.47806
445	430	20.47966
450	430	20.45668
455	430	20.46549
460	430	20.45869
465	430	20.46074
470	430	20.47171
475	430	20.45756
480	430	20.4797
485	430	20.45241
490	430	20.46618
495	430	20.47587
500	430	20.46794
505	430	20.45548

EM wavele nm	EX wavele nm	R1 MicroAmps
510	430	20.4675
515	430	20.46189
520	430	20.46186
525	430	20.46596
530	430	20.45474
535	430	20.47503
540	430	20.45101
545	430	20.45395
550	430	20.46591
555	430	20.45447
560	430	20.45324
565	430	20.46139
570	430	20.4506
575	430	20.44041
580	430	20.46142
585	430	20.46038
590	430	20.46143
595	430	20.46388
600	430	20.46023
605	430	20.47594
610	430	20.45566
615	430	20.46173
620	430	20.47015
625	430	20.48017
630	430	20.4649
635	430	20.48541
640	430	20.4862
645	430	20.4956
650	430	20.48194
655	430	20.47283
660	430	20.47668
665	430	20.47788
670	430	20.47329
675	430	20.47113
680	430	20.47718
685	430	20.46592
690	430	20.46792
695	430	20.46865
700	430	20.48288
705	430	20.47483
710	430	20.47436
715	430	20.47902
720	430	20.48048
725	430	20.48216
730	430	20.46763
735	430	20.48022
740	430	20.49014
745	430	20.46019
750	430	20.47162
755	430	20.48339
760	430	20.47634
765	430	20.47267
770	430	20.47639
775	430	20.4822
780	430	20.48021
785	430	20.47775
790	430	20.4807
795	430	20.47064
800	430	20.49468
805	430	20.4728
810	430	20.47898
815	430	20.4762
820	430	20.48758
825	430	20.48675

EM wavele nm	EX wavele nm	R1 MicroAmps
830	430	20.46813
835	430	20.48767
840	430	20.46558
845	430	20.47335
850	430	20.46285
855	430	20.47446
860	430	20.4821
865	430	20.47453
870	430	20.48986
875	430	20.47395
880	430	20.48464
885	430	20.47166
890	430	20.4754
895	430	20.47881
900	430	20.47413
905	430	20.47478
910	430	20.46533
915	430	20.46715
920	430	20.47797
925	430	20.46417
930	430	20.47618
935	430	20.47586
940	430	20.47147
945	430	20.48666
950	430	20.46622
955	430	20.47885
960	430	20.47475
965	430	20.48804
970	430	20.47551
975	430	20.47837
980	430	20.48255
985	430	20.47164
990	430	20.48042
995	430	20.47154
1000	430	20.45714
1005	430	20.4765
1010	430	20.4604
1015	430	20.46195
1020	430	20.4656
1025	430	20.47278
1030	430	20.47677
1035	430	20.47333
1040	430	20.47505
1045	430	20.47381
1050	430	20.47984
1055	430	20.47728
1060	430	20.47535
1065	430	20.47516
1070	430	20.48374
1075	430	20.47409
1080	430	20.4906
1085	430	20.4671
1090	430	20.47063
1095	430	20.48439
1100	430	20.4704
1105	430	20.4733
1110	430	20.48818
1115	430	20.46547
1120	430	20.47139
1125	430	20.48054
1130	430	20.47644
1135	430	20.48046
1140	430	20.4717
1145	430	20.48159

EM wavele nm	EX wavele nm	R1 MicroAmps
1150	430	20.47788
0	435	20.76801
5	435	20.77149
10	435	20.78234
15	435	20.76733
20	435	20.78112
25	435	20.76626
30	435	20.7659
35	435	20.77705
40	435	20.77901
45	435	20.77897
50	435	20.77042
55	435	20.7722
60	435	20.76373
65	435	20.76891
70	435	20.77125
75	435	20.7739
80	435	20.7714
85	435	20.76976
90	435	20.76571
95	435	20.76825
100	435	20.76411
105	435	20.76745
110	435	20.76599
115	435	20.76627
120	435	20.75387
125	435	20.75609
130	435	20.76688
135	435	20.75872
140	435	20.76236
145	435	20.77756
150	435	20.75909
155	435	20.77532
160	435	20.76868
165	435	20.7713
170	435	20.77745
175	435	20.77679
180	435	20.76806
185	435	20.76509
190	435	20.75836
195	435	20.76031
200	435	20.76248
205	435	20.7612
210	435	20.76892
215	435	20.75836
220	435	20.76828
225	435	20.77686
230	435	20.77238
235	435	20.76421
240	435	20.77871
245	435	20.76434
250	435	20.7668
255	435	20.76274
260	435	20.75606
265	435	20.75741
270	435	20.76394
275	435	20.76273
280	435	20.7723
285	435	20.75402
290	435	20.766
295	435	20.76804
300	435	20.75443
305	435	20.74857
310	435	20.7587

EM wavele nm	EX wavele nm	R1 MicroAmps
315	435	20.74469
320	435	20.77226
325	435	20.77111
330	435	20.75642
335	435	20.77654
340	435	20.77213
345	435	20.77629
350	435	20.76869
355	435	20.77581
360	435	20.76546
365	435	20.7679
370	435	20.76622
375	435	20.7704
380	435	20.76795
385	435	20.76828
390	435	20.77059
395	435	20.75561
400	435	20.75989
405	435	20.76812
410	435	20.76575
415	435	20.76266
420	435	20.7767
425	435	20.77093
430	435	20.76202
435	435	20.76772
440	435	20.76193
445	435	20.7556
450	435	20.76309
455	435	20.75966
460	435	20.75218
465	435	20.74929
470	435	20.75418
475	435	20.75083
480	435	20.75397
485	435	20.74633
490	435	20.75303
495	435	20.76015
500	435	20.75368
505	435	20.76353
510	435	20.76961
515	435	20.75443
520	435	20.76296
525	435	20.76202
530	435	20.76517
535	435	20.75505
540	435	20.75664
545	435	20.76889
550	435	20.75782
555	435	20.76753
560	435	20.76102
565	435	20.77834
570	435	20.76449
575	435	20.76636
580	435	20.77107
585	435	20.77301
590	435	20.76157
595	435	20.76891
600	435	20.78362
605	435	20.76084
610	435	20.77383
615	435	20.76392
620	435	20.77655
625	435	20.75933
630	435	20.77068

EM wavele nm	EX wavele nm	R1 MicroAmps
635	435	20.77522
640	435	20.77506
645	435	20.76098
650	435	20.77838
655	435	20.77782
660	435	20.77496
665	435	20.77691
670	435	20.76014
675	435	20.78336
680	435	20.77024
685	435	20.75789
690	435	20.77609
695	435	20.76847
700	435	20.77824
705	435	20.75716
710	435	20.75923
715	435	20.77814
720	435	20.76583
725	435	20.77526
730	435	20.7696
735	435	20.77314
740	435	20.77515
745	435	20.76947
750	435	20.77297
755	435	20.77699
760	435	20.77348
765	435	20.77001
770	435	20.77042
775	435	20.77683
780	435	20.77651
785	435	20.76826
790	435	20.75893
795	435	20.76273
800	435	20.76463
805	435	20.75643
810	435	20.765
815	435	20.77554
820	435	20.76526
825	435	20.75866
830	435	20.75779
835	435	20.75123
840	435	20.75801
845	435	20.75127
850	435	20.75247
855	435	20.75428
860	435	20.75799
865	435	20.76059
870	435	20.75278
875	435	20.76121
880	435	20.76786
885	435	20.76082
890	435	20.76211
895	435	20.77067
900	435	20.76978
905	435	20.77932
910	435	20.75685
915	435	20.76573
920	435	20.76725
925	435	20.76875
930	435	20.7629
935	435	20.76268
940	435	20.77906
945	435	20.76741
950	435	20.7664

EM wavele nm	EX wavele nm	R1 MicroAmps
955	435	20.76432
960	435	20.7724
965	435	20.76839
970	435	20.77354
975	435	20.75497
980	435	20.76588
985	435	20.76794
990	435	20.76977
995	435	20.75201
1000	435	20.76766
1005	435	20.77623
1010	435	20.76513
1015	435	20.75704
1020	435	20.77208
1025	435	20.77375
1030	435	20.7734
1035	435	20.75011
1040	435	20.77495
1045	435	20.77929
1050	435	20.77888
1055	435	20.78677
1060	435	20.7722
1065	435	20.77387
1070	435	20.77698
1075	435	20.77573
1080	435	20.78063
1085	435	20.75685
1090	435	20.77199
1095	435	20.76518
1100	435	20.77329
1105	435	20.77248
1110	435	20.77866
1115	435	20.75951
1120	435	20.77015
1125	435	20.76753
1130	435	20.76874
1135	435	20.77182
1140	435	20.76543
1145	435	20.76969
1150	435	20.78437
0	440	21.19341
5	440	21.18091
10	440	21.19092
15	440	21.18814
20	440	21.19098
25	440	21.19342
30	440	21.20188
35	440	21.20745
40	440	21.2119
45	440	21.20343
50	440	21.20726
55	440	21.19357
60	440	21.19233
65	440	21.20619
70	440	21.20172
75	440	21.19493
80	440	21.2016
85	440	21.20914
90	440	21.19137
95	440	21.2003
100	440	21.19463
105	440	21.20658
110	440	21.19022
115	440	21.20175

EM wavele nm	EX wavele nm	R1 MicroAmps
120	440	21.19377
125	440	21.19674
130	440	21.19056
135	440	21.19647
140	440	21.20347
145	440	21.18078
150	440	21.19573
155	440	21.19309
160	440	21.19321
165	440	21.19495
170	440	21.18954
175	440	21.20934
180	440	21.19104
185	440	21.20525
190	440	21.19735
195	440	21.19933
200	440	21.1991
205	440	21.20134
210	440	21.2023
215	440	21.20952
220	440	21.20333
225	440	21.20568
230	440	21.2018
235	440	21.20527
240	440	21.20581
245	440	21.20366
250	440	21.19536
255	440	21.20027
260	440	21.18962
265	440	21.19293
270	440	21.18394
275	440	21.19799
280	440	21.19736
285	440	21.19809
290	440	21.19561
295	440	21.20061
300	440	21.20653
305	440	21.21063
310	440	21.21237
315	440	21.21484
320	440	21.20539
325	440	21.21535
330	440	21.21722
335	440	21.19916
340	440	21.21691
345	440	21.20904
350	440	21.19611
355	440	21.19294
360	440	21.1956
365	440	21.20419
370	440	21.20709
375	440	21.18573
380	440	21.20147
385	440	21.20117
390	440	21.19187
395	440	21.20754
400	440	21.2095
405	440	21.21145
410	440	21.22225
415	440	21.20077
420	440	21.23451
425	440	21.19398
430	440	21.1963
435	440	21.20873

EM wavele nm	EX wavele nm	R1 MicroAmps
440	440	21.19533
445	440	21.19753
450	440	21.21155
455	440	21.20037
460	440	21.19764
465	440	21.19574
470	440	21.19376
475	440	21.20634
480	440	21.19096
485	440	21.18826
490	440	21.19375
495	440	21.19807
500	440	21.1936
505	440	21.19464
510	440	21.19756
515	440	21.18872
520	440	21.19977
525	440	21.19855
530	440	21.20079
535	440	21.19413
540	440	21.1848
545	440	21.20589
550	440	21.20257
555	440	21.19624
560	440	21.2064
565	440	21.19815
570	440	21.20371
575	440	21.19673
580	440	21.2013
585	440	21.20359
590	440	21.20461
595	440	21.19815
600	440	21.18693
605	440	21.20924
610	440	21.18739
615	440	21.19714
620	440	21.18962
625	440	21.18704
630	440	21.18622
635	440	21.1849
640	440	21.19465
645	440	21.20648
650	440	21.19424
655	440	21.19152
660	440	21.20323
665	440	21.19389
670	440	21.18401
675	440	21.19004
680	440	21.18299
685	440	21.18771
690	440	21.20159
695	440	21.18958
700	440	21.21168
705	440	21.19981
710	440	21.20118
715	440	21.19789
720	440	21.19165
725	440	21.1984
730	440	21.19005
735	440	21.19933
740	440	21.20591
745	440	21.19047
750	440	21.21122
755	440	21.18896

EM wavele nm	EX wavele nm	R1 MicroAmps
760	440	21.20229
765	440	21.19433
770	440	21.17392
775	440	21.20097
780	440	21.18362
785	440	21.2047
790	440	21.18585
795	440	21.18833
800	440	21.20085
805	440	21.20059
810	440	21.19177
815	440	21.18271
820	440	21.19981
825	440	21.20334
830	440	21.19539
835	440	21.19186
840	440	21.21414
845	440	21.21733
850	440	21.2179
855	440	21.20514
860	440	21.19598
865	440	21.20547
870	440	21.20386
875	440	21.2025
880	440	21.19324
885	440	21.19854
890	440	21.21393
895	440	21.20462
900	440	21.19331
905	440	21.19818
910	440	21.20352
915	440	21.20234
920	440	21.19273
925	440	21.19387
930	440	21.19866
935	440	21.20642
940	440	21.19594
945	440	21.19734
950	440	21.19621
955	440	21.20324
960	440	21.19771
965	440	21.18299
970	440	21.19899
975	440	21.19769
980	440	21.20645
985	440	21.18375
990	440	21.20232
995	440	21.21273
1000	440	21.2084
1005	440	21.20249
1010	440	21.19824
1015	440	21.20033
1020	440	21.21435
1025	440	21.2173
1030	440	21.2067
1035	440	21.22578
1040	440	21.21851
1045	440	21.21146
1050	440	21.21893
1055	440	21.21761
1060	440	21.20571
1065	440	21.22085
1070	440	21.21018
1075	440	21.20759

EM wavele nm	EX wavele nm	R1 MicroAmps
1080	440	21.2153
1085	440	21.21698
1090	440	21.21993
1095	440	21.21931
1100	440	21.21627
1105	440	21.21076
1110	440	21.20224
1115	440	21.21225
1120	440	21.21277
1125	440	21.20433
1130	440	21.20859
1135	440	21.20664
1140	440	21.20982
1145	440	21.21469
1150	440	21.2155
0	445	21.08732
5	445	21.08931
10	445	21.08822
15	445	21.08433
20	445	21.08553
25	445	21.09151
30	445	21.08175
35	445	21.07598
40	445	21.09286
45	445	21.09115
50	445	21.09607
55	445	21.086
60	445	21.10066
65	445	21.08194
70	445	21.07953
75	445	21.08009
80	445	21.08859
85	445	21.07696
90	445	21.07976
95	445	21.08854
100	445	21.08714
105	445	21.08167
110	445	21.08361
115	445	21.08696
120	445	21.0953
125	445	21.08592
130	445	21.08451
135	445	21.09407
140	445	21.08096
145	445	21.07942
150	445	21.0943
155	445	21.09262
160	445	21.10046
165	445	21.09092
170	445	21.0936
175	445	21.0826
180	445	21.1005
185	445	21.09649
190	445	21.10807
195	445	21.0878
200	445	21.11205
205	445	21.08842
210	445	21.08088
215	445	21.09452
220	445	21.09734
225	445	21.09945
230	445	21.09788
235	445	21.11389
240	445	21.10021

EM wavele nm	EX wavele nm	R1 MicroAmps
245	445	21.10997
250	445	21.09414
255	445	21.11126
260	445	21.08736
265	445	21.08233
270	445	21.09323
275	445	21.07759
280	445	21.07917
285	445	21.07019
290	445	21.08925
295	445	21.09107
300	445	21.07654
305	445	21.09459
310	445	21.09364
315	445	21.09515
320	445	21.08743
325	445	21.10058
330	445	21.09485
335	445	21.09035
340	445	21.08519
345	445	21.0962
350	445	21.09084
355	445	21.09472
360	445	21.07957
365	445	21.09397
370	445	21.07239
375	445	21.07966
380	445	21.09008
385	445	21.09263
390	445	21.08764
395	445	21.08951
400	445	21.11015
405	445	21.08691
410	445	21.08978
415	445	21.08963
420	445	21.09942
425	445	21.08809
430	445	21.08896
435	445	21.09141
440	445	21.08953
445	445	21.0891
450	445	21.07496
455	445	21.09705
460	445	21.0826
465	445	21.09173
470	445	21.09851
475	445	21.09383
480	445	21.10196
485	445	21.09963
490	445	21.09944
495	445	21.09913
500	445	21.09875
505	445	21.10388
510	445	21.10408
515	445	21.08856
520	445	21.09945
525	445	21.08962
530	445	21.09404
535	445	21.09059
540	445	21.08825
545	445	21.0935
550	445	21.08871
555	445	21.0992
560	445	21.08093

EM wavele nm	EX wavele nm	R1 MicroAmps
565	445	21.1065
570	445	21.07518
575	445	21.10129
580	445	21.09365
585	445	21.10001
590	445	21.09381
595	445	21.09076
600	445	21.10422
605	445	21.0835
610	445	21.08667
615	445	21.08841
620	445	21.09125
625	445	21.08227
630	445	21.09386
635	445	21.08706
640	445	21.09569
645	445	21.08748
650	445	21.07903
655	445	21.10079
660	445	21.09034
665	445	21.09717
670	445	21.1001
675	445	21.10078
680	445	21.10166
685	445	21.09913
690	445	21.08395
695	445	21.08392
700	445	21.08728
705	445	21.08939
710	445	21.07853
715	445	21.07788
720	445	21.09324
725	445	21.08137
730	445	21.09399
735	445	21.09366
740	445	21.09245
745	445	21.10192
750	445	21.07856
755	445	21.10182
760	445	21.09601
765	445	21.089
770	445	21.08358
775	445	21.08274
780	445	21.09847
785	445	21.07706
790	445	21.09378
795	445	21.0759
800	445	21.09329
805	445	21.09006
810	445	21.09676
815	445	21.09856
820	445	21.08542
825	445	21.10794
830	445	21.09739
835	445	21.09555
840	445	21.10086
845	445	21.08988
850	445	21.0954
855	445	21.08726
860	445	21.09548
865	445	21.09718
870	445	21.08969
875	445	21.09371
880	445	21.08845

EM wavele nm	EX wavele nm	R1 MicroAmps
885	445	21.09159
890	445	21.08252
895	445	21.08432
900	445	21.093
905	445	21.08679
910	445	21.07981
915	445	21.08849
920	445	21.09831
925	445	21.09299
930	445	21.10267
935	445	21.09614
940	445	21.09899
945	445	21.09491
950	445	21.10931
955	445	21.08323
960	445	21.10066
965	445	21.09215
970	445	21.09638
975	445	21.08976
980	445	21.10056
985	445	21.09337
990	445	21.09774
995	445	21.09712
1000	445	21.1005
1005	445	21.09229
1010	445	21.10024
1015	445	21.14175
1020	445	21.14632
1025	445	21.12639
1030	445	21.11905
1035	445	21.12449
1040	445	21.11054
1045	445	21.11714
1050	445	21.1152
1055	445	21.11695
1060	445	21.12471
1065	445	21.11381
1070	445	21.12575
1075	445	21.11835
1080	445	21.0959
1085	445	21.1156
1090	445	21.11419
1095	445	21.11013
1100	445	21.09977
1105	445	21.08896
1110	445	21.099
1115	445	21.09992
1120	445	21.10894
1125	445	21.11789
1130	445	21.10396
1135	445	21.0984
1140	445	21.10774
1145	445	21.133
1150	445	21.10464
0	450	23.21408
5	450	23.21473
10	450	23.2491
15	450	23.22365
20	450	23.22716
25	450	23.2315
30	450	23.2318
35	450	23.21518
40	450	23.2316
45	450	23.22098

EM wavele nm	EX wavele nm	R1 MicroAmps
50	450	23.21699
55	450	23.21914
60	450	23.21548
65	450	23.22279
70	450	23.20511
75	450	23.22883
80	450	23.21946
85	450	23.21647
90	450	23.22048
95	450	23.2192
100	450	23.23306
105	450	23.21803
110	450	23.23751
115	450	23.22439
120	450	23.21989
125	450	23.20705
130	450	23.23488
135	450	23.20781
140	450	23.21659
145	450	23.20248
150	450	23.21535
155	450	23.20399
160	450	23.21584
165	450	23.21469
170	450	23.2194
175	450	23.21952
180	450	23.2171
185	450	23.21046
190	450	23.20697
195	450	23.22444
200	450	23.19343
205	450	23.21216
210	450	23.20854
215	450	23.21294
220	450	23.2139
225	450	23.21182
230	450	23.2173
235	450	23.21964
240	450	23.20871
245	450	23.20108
250	450	23.21471
255	450	23.21351
260	450	23.2046
265	450	23.21396
270	450	23.21289
275	450	23.21464
280	450	23.21466
285	450	23.20498
290	450	23.21334
295	450	23.20948
300	450	23.20473
305	450	23.21688
310	450	23.19685
315	450	23.21511
320	450	23.2263
325	450	23.2135
330	450	23.21746
335	450	23.22265
340	450	23.2191
345	450	23.21167
350	450	23.22131
355	450	23.22173
360	450	23.21167
365	450	23.21643

EM wavele nm	EX wavele nm	R1 MicroAmps
370	450	23.21158
375	450	23.22134
380	450	23.19879
385	450	23.205
390	450	23.21796
395	450	23.1947
400	450	23.21763
405	450	23.20521
410	450	23.2087
415	450	23.20973
420	450	23.20334
425	450	23.20644
430	450	23.22848
435	450	23.19384
440	450	23.1996
445	450	23.21741
450	450	23.18925
455	450	23.20831
460	450	23.22267
465	450	23.21866
470	450	23.21571
475	450	23.20786
480	450	23.21418
485	450	23.20843
490	450	23.19842
495	450	23.20426
500	450	23.20747
505	450	23.21077
510	450	23.21106
515	450	23.20666
520	450	23.20129
525	450	23.18801
530	450	23.19746
535	450	23.20871
540	450	23.20137
545	450	23.20535
550	450	23.2129
555	450	23.21563
560	450	23.19702
565	450	23.20004
570	450	23.21264
575	450	23.20796
580	450	23.20878
585	450	23.20672
590	450	23.21349
595	450	23.21796
600	450	23.21868
605	450	23.21474
610	450	23.22008
615	450	23.20818
620	450	23.20936
625	450	23.20615
630	450	23.21045
635	450	23.20438
640	450	23.21091
645	450	23.20963
650	450	23.21736
655	450	23.20817
660	450	23.20995
665	450	23.21319
670	450	23.21504
675	450	23.20962
680	450	23.19192
685	450	23.21327

EM wavele nm	EX wavele nm	R1 MicroAmps
690	450	23.21874
695	450	23.20026
700	450	23.21805
705	450	23.20053
710	450	23.2101
715	450	23.20888
720	450	23.20124
725	450	23.21972
730	450	23.21086
735	450	23.20694
740	450	23.20856
745	450	23.21798
750	450	23.22705
755	450	23.21684
760	450	23.22509
765	450	23.21879
770	450	23.21167
775	450	23.22592
780	450	23.21628
785	450	23.23372
790	450	23.22696
795	450	23.22206
800	450	23.23527
805	450	23.20864
810	450	23.23431
815	450	23.2121
820	450	23.21908
825	450	23.21786
830	450	23.20875
835	450	23.2151
840	450	23.21513
845	450	23.2183
850	450	23.22307
855	450	23.21974
860	450	23.22254
865	450	23.21023
870	450	23.20099
875	450	23.22888
880	450	23.20997
885	450	23.21065
890	450	23.22123
895	450	23.21321
900	450	23.22589
905	450	23.20804
910	450	23.21339
915	450	23.21143
920	450	23.21213
925	450	23.20857
930	450	23.20942
935	450	23.21937
940	450	23.20811
945	450	23.19788
950	450	23.21635
955	450	23.2045
960	450	23.21926
965	450	23.21587
970	450	23.21982
975	450	23.21573
980	450	23.20612
985	450	23.20545
990	450	23.1995
995	450	23.19289
1000	450	23.21426
1005	450	23.21088

EM wavele nm	EX wavele nm	R1 MicroAmps
1010	450	23.20979
1015	450	23.21634
1020	450	23.22191
1025	450	23.22678
1030	450	23.21595
1035	450	23.22546
1040	450	23.2079
1045	450	23.21446
1050	450	23.23732
1055	450	23.21711
1060	450	23.21903
1065	450	23.22524
1070	450	23.21232
1075	450	23.2136
1080	450	23.21871
1085	450	23.22769
1090	450	23.21273
1095	450	23.22996
1100	450	23.2345
1105	450	23.23155
1110	450	23.2194
1115	450	23.21904
1120	450	23.22529
1125	450	23.23144
1130	450	23.22804
1135	450	23.22348
1140	450	23.21453
1145	450	23.21353
1150	450	23.21212
0	455	22.62183
5	455	22.62208
10	455	22.6098
15	455	22.61254
20	455	22.61811
25	455	22.62284
30	455	22.6218
35	455	22.62309
40	455	22.63199
45	455	22.62185
50	455	22.61957
55	455	22.62497
60	455	22.62255
65	455	22.6301
70	455	22.63123
75	455	22.63003
80	455	22.63828
85	455	22.6306
90	455	22.63382
95	455	22.63985
100	455	22.6216
105	455	22.63859
110	455	22.62567
115	455	22.62959
120	455	22.63828
125	455	22.63045
130	455	22.63695
135	455	22.62617
140	455	22.63209
145	455	22.62765
150	455	22.62367
155	455	22.59906
160	455	22.62299
165	455	22.6105
170	455	22.6028

EM wavele nm	EX wavele nm	R1 MicroAmps
175	455	22.63252
180	455	22.61897
185	455	22.6205
190	455	22.62466
195	455	22.62829
200	455	22.6375
205	455	22.6274
210	455	22.62699
215	455	22.63825
220	455	22.62921
225	455	22.62094
230	455	22.63024
235	455	22.60892
240	455	22.61934
245	455	22.61941
250	455	22.61199
255	455	22.62525
260	455	22.62501
265	455	22.64159
270	455	22.63624
275	455	22.62568
280	455	22.63664
285	455	22.62886
290	455	22.61155
295	455	22.6285
300	455	22.62421
305	455	22.61441
310	455	22.62042
315	455	22.61829
320	455	22.61016
325	455	22.60966
330	455	22.60423
335	455	22.60887
340	455	22.61079
345	455	22.60198
350	455	22.62074
355	455	22.61488
360	455	22.61705
365	455	22.6461
370	455	22.63843
375	455	22.63824
380	455	22.63686
385	455	22.62408
390	455	22.65418
395	455	22.63194
400	455	22.62816
405	455	22.64333
410	455	22.62176
415	455	22.60676
420	455	22.63059
425	455	22.61843
430	455	22.62419
435	455	22.63362
440	455	22.61616
445	455	22.62019
450	455	22.6182
455	455	22.61368
460	455	22.63425
465	455	22.62345
470	455	22.62708
475	455	22.62723
480	455	22.61131
485	455	22.6163
490	455	22.61332

EM wavele nm	EX wavele nm	R1 MicroAmps
495	455	22.6198
500	455	22.61609
505	455	22.62279
510	455	22.63279
515	455	22.62601
520	455	22.63222
525	455	22.62406
530	455	22.62764
535	455	22.61439
540	455	22.62888
545	455	22.63175
550	455	22.62305
555	455	22.61074
560	455	22.6194
565	455	22.6133
570	455	22.60951
575	455	22.62552
580	455	22.61603
585	455	22.62234
590	455	22.62401
595	455	22.61521
600	455	22.63319
605	455	22.60294
610	455	22.62494
615	455	22.61667
620	455	22.62301
625	455	22.61004
630	455	22.63274
635	455	22.62302
640	455	22.62675
645	455	22.63235
650	455	22.61691
655	455	22.6281
660	455	22.61363
665	455	22.62542
670	455	22.62349
675	455	22.61726
680	455	22.63168
685	455	22.62281
690	455	22.6327
695	455	22.59583
700	455	22.61015
705	455	22.62076
710	455	22.60482
715	455	22.60592
720	455	22.61697
725	455	22.61604
730	455	22.6089
735	455	22.62483
740	455	22.60439
745	455	22.62792
750	455	22.62184
755	455	22.61727
760	455	22.6112
765	455	22.61202
770	455	22.61275
775	455	22.6049
780	455	22.6079
785	455	22.61731
790	455	22.61207
795	455	22.62174
800	455	22.61084
805	455	22.61646
810	455	22.62439

EM wavele nm	EX wavele nm	R1 MicroAmps
815	455	22.60225
820	455	22.62341
825	455	22.61476
830	455	22.61741
835	455	22.60975
840	455	22.62109
845	455	22.63549
850	455	22.6236
855	455	22.62761
860	455	22.62769
865	455	22.62898
870	455	22.6245
875	455	22.62022
880	455	22.62744
885	455	22.62497
890	455	22.62843
895	455	22.61841
900	455	22.60756
905	455	22.61241
910	455	22.61673
915	455	22.60737
920	455	22.61413
925	455	22.61883
930	455	22.6143
935	455	22.61739
940	455	22.61039
945	455	22.61717
950	455	22.62444
955	455	22.62303
960	455	22.62581
965	455	22.6193
970	455	22.62793
975	455	22.62071
980	455	22.61798
985	455	22.62944
990	455	22.61801
995	455	22.63306
1000	455	22.61869
1005	455	22.62713
1010	455	22.62955
1015	455	22.62159
1020	455	22.6189
1025	455	22.60961
1030	455	22.6246
1035	455	22.61151
1040	455	22.59916
1045	455	22.61368
1050	455	22.61079
1055	455	22.62435
1060	455	22.62178
1065	455	22.6132
1070	455	22.62407
1075	455	22.61669
1080	455	22.62717
1085	455	22.60881
1090	455	22.60878
1095	455	22.61942
1100	455	22.61257
1105	455	22.61448
1110	455	22.61262
1115	455	22.61609
1120	455	22.60507
1125	455	22.61906
1130	455	22.61957

EM wavele nm	EX wavele nm	R1 MicroAmps
1135	455	22.61851
1140	455	22.61493
1145	455	22.62206
1150	455	22.61289
0	460	24.19082
5	460	24.17823
10	460	24.18927
15	460	24.18931
20	460	24.19447
25	460	24.2031
30	460	24.19555
35	460	24.19724
40	460	24.20826
45	460	24.20594
50	460	24.20912
55	460	24.21772
60	460	24.2065
65	460	24.20306
70	460	24.21607
75	460	24.19812
80	460	24.21026
85	460	24.19877
90	460	24.20971
95	460	24.19001
100	460	24.19807
105	460	24.19632
110	460	24.19864
115	460	24.18207
120	460	24.19407
125	460	24.19458
130	460	24.18212
135	460	24.20195
140	460	24.19151
145	460	24.20197
150	460	24.18643
155	460	24.18974
160	460	24.19769
165	460	24.17352
170	460	24.17916
175	460	24.1883
180	460	24.17847
185	460	24.1801
190	460	24.20246
195	460	24.18787
200	460	24.18662
205	460	24.1917
210	460	24.19404
215	460	24.20323
220	460	24.19867
225	460	24.19447
230	460	24.20187
235	460	24.1904
240	460	24.21033
245	460	24.20003
250	460	24.1981
255	460	24.20604
260	460	24.2063
265	460	24.18684
270	460	24.19897
275	460	24.20086
280	460	24.19188
285	460	24.20686
290	460	24.17319
295	460	24.20429

EM wavele nm	EX wavele nm	R1 MicroAmps
300	460	24.17598
305	460	24.18393
310	460	24.20844
315	460	24.17842
320	460	24.19054
325	460	24.19251
330	460	24.184
335	460	24.19318
340	460	24.19493
345	460	24.18388
350	460	24.19643
355	460	24.17411
360	460	24.18072
365	460	24.20735
370	460	24.17374
375	460	24.20039
380	460	24.17951
385	460	24.17606
390	460	24.18524
395	460	24.17903
400	460	24.19444
405	460	24.18353
410	460	24.19057
415	460	24.18673
420	460	24.16986
425	460	24.17971
430	460	24.17302
435	460	24.17606
440	460	24.16674
445	460	24.18757
450	460	24.16164
455	460	24.18196
460	460	24.17389
465	460	24.171
470	460	24.18764
475	460	24.18545
480	460	24.18728
485	460	24.18973
490	460	24.17799
495	460	24.19804
500	460	24.18932
505	460	24.18953
510	460	24.18165
515	460	24.18979
520	460	24.17424
525	460	24.17334
530	460	24.18042
535	460	24.18287
540	460	24.16581
545	460	24.19305
550	460	24.17875
555	460	24.18361
560	460	24.17939
565	460	24.19504
570	460	24.18912
575	460	24.20225
580	460	24.18105
585	460	24.1896
590	460	24.18607
595	460	24.16737
600	460	24.19617
605	460	24.18142
610	460	24.19048
615	460	24.18898

EM wavele nm	EX wavele nm	R1 MicroAmps
620	460	24.18345
625	460	24.18174
630	460	24.19904
635	460	24.18389
640	460	24.19546
645	460	24.19811
650	460	24.19296
655	460	24.18323
660	460	24.1963
665	460	24.19025
670	460	24.17968
675	460	24.20093
680	460	24.19516
685	460	24.17694
690	460	24.19227
695	460	24.18873
700	460	24.19266
705	460	24.1903
710	460	24.18782
715	460	24.20175
720	460	24.19022
725	460	24.19917
730	460	24.19776
735	460	24.20009
740	460	24.20035
745	460	24.18347
750	460	24.18791
755	460	24.18895
760	460	24.18896
765	460	24.19511
770	460	24.17294
775	460	24.18349
780	460	24.19056
785	460	24.18051
790	460	24.17797
795	460	24.16909
800	460	24.17211
805	460	24.15914
810	460	24.1763
815	460	24.18109
820	460	24.1638
825	460	24.18178
830	460	24.17251
835	460	24.17953
840	460	24.20781
845	460	24.18664
850	460	24.20617
855	460	24.21138
860	460	24.21915
865	460	24.19933
870	460	24.20123
875	460	24.21342
880	460	24.19674
885	460	24.19105
890	460	24.18684
895	460	24.16775
900	460	24.19545
905	460	24.18004
910	460	24.18248
915	460	24.19825
920	460	24.19763
925	460	24.20325
930	460	24.18359
935	460	24.19638

EM wavele nm	EX wavele nm	R1 MicroAmps
940	460	24.21071
945	460	24.20096
950	460	24.21069
955	460	24.19171
960	460	24.1812
965	460	24.19587
970	460	24.17696
975	460	24.19665
980	460	24.20308
985	460	24.20544
990	460	24.18457
995	460	24.1733
1000	460	24.19024
1005	460	24.19592
1010	460	24.19504
1015	460	24.18893
1020	460	24.19278
1025	460	24.18751
1030	460	24.1853
1035	460	24.18856
1040	460	24.18423
1045	460	24.18576
1050	460	24.18921
1055	460	24.20421
1060	460	24.18283
1065	460	24.19061
1070	460	24.1872
1075	460	24.19632
1080	460	24.19338
1085	460	24.17753
1090	460	24.19526
1095	460	24.18966
1100	460	24.19358
1105	460	24.20862
1110	460	24.1913
1115	460	24.18878
1120	460	24.19469
1125	460	24.18718
1130	460	24.18243
1135	460	24.18191
1140	460	24.16952
1145	460	24.18233
1150	460	24.19021
0	465	27.20736
5	465	27.19986
10	465	27.21076
15	465	27.20374
20	465	27.2136
25	465	27.19938
30	465	27.21415
35	465	27.21672
40	465	27.20154
45	465	27.21525
50	465	27.21514
55	465	27.21855
60	465	27.21303
65	465	27.22849
70	465	27.2146
75	465	27.22095
80	465	27.22345
85	465	27.21528
90	465	27.22468
95	465	27.21236
100	465	27.22354

EM wavele nm	EX wavele nm	R1 MicroAmps
105	465	27.21772
110	465	27.22415
115	465	27.20872
120	465	27.21786
125	465	27.24639
130	465	27.25574
135	465	27.24876
140	465	27.24374
145	465	27.24228
150	465	27.23919
155	465	27.23978
160	465	27.24504
165	465	27.25152
170	465	27.23335
175	465	27.23055
180	465	27.23773
185	465	27.218
190	465	27.23029
195	465	27.21588
200	465	27.22712
205	465	27.21875
210	465	27.22009
215	465	27.23954
220	465	27.23624
225	465	27.23551
230	465	27.22936
235	465	27.23735
240	465	27.23128
245	465	27.23378
250	465	27.22897
255	465	27.22412
260	465	27.22128
265	465	27.2245
270	465	27.22499
275	465	27.22159
280	465	27.22975
285	465	27.22207
290	465	27.2282
295	465	27.22706
300	465	27.22661
305	465	27.21574
310	465	27.21839
315	465	27.21929
320	465	27.21653
325	465	27.22317
330	465	27.20843
335	465	27.23074
340	465	27.21645
345	465	27.21927
350	465	27.2282
355	465	27.21672
360	465	27.22492
365	465	27.20717
370	465	27.20288
375	465	27.20816
380	465	27.20365
385	465	27.18884
390	465	27.21971
395	465	27.20475
400	465	27.19708
405	465	27.211
410	465	27.20501
415	465	27.2033
420	465	27.22079

EM wavele nm	EX wavele nm	R1 MicroAmps
425	465	27.22766
430	465	27.23888
435	465	27.21918
440	465	27.21546
445	465	27.22087
450	465	27.19312
455	465	27.22
460	465	27.20892
465	465	27.2059
470	465	27.20343
475	465	27.22686
480	465	27.20095
485	465	27.20593
490	465	27.2154
495	465	27.20506
500	465	27.20628
505	465	27.19055
510	465	27.2195
515	465	27.1995
520	465	27.214
525	465	27.22424
530	465	27.23739
535	465	27.20689
540	465	27.23148
545	465	27.22621
550	465	27.21472
555	465	27.20989
560	465	27.21055
565	465	27.21615
570	465	27.20031
575	465	27.20647
580	465	27.224
585	465	27.20614
590	465	27.19251
595	465	27.21114
600	465	27.21305
605	465	27.20247
610	465	27.2239
615	465	27.21523
620	465	27.21584
625	465	27.21556
630	465	27.21256
635	465	27.23508
640	465	27.21357
645	465	27.22198
650	465	27.23001
655	465	27.21662
660	465	27.21867
665	465	27.22512
670	465	27.2296
675	465	27.23196
680	465	27.2094
685	465	27.21642
690	465	27.21011
695	465	27.2107
700	465	27.21295
705	465	27.21174
710	465	27.22169
715	465	27.22124
720	465	27.22274
725	465	27.21802
730	465	27.22065
735	465	27.21934
740	465	27.2038

EM wavele nm	EX wavele nm	R1 MicroAmps
745	465	27.21663
750	465	27.20702
755	465	27.20684
760	465	27.221
765	465	27.2036
770	465	27.19883
775	465	27.20737
780	465	27.21056
785	465	27.2084
790	465	27.21238
795	465	27.2288
800	465	27.21878
805	465	27.21213
810	465	27.22111
815	465	27.21212
820	465	27.21889
825	465	27.23333
830	465	27.22143
835	465	27.22117
840	465	27.23337
845	465	27.22275
850	465	27.20815
855	465	27.20086
860	465	27.20101
865	465	27.18735
870	465	27.18637
875	465	27.20053
880	465	27.17964
885	465	27.19904
890	465	27.22102
895	465	27.21337
900	465	27.23146
905	465	27.22905
910	465	27.21407
915	465	27.22118
920	465	27.21597
925	465	27.22133
930	465	27.19925
935	465	27.21075
940	465	27.22047
945	465	27.19574
950	465	27.23587
955	465	27.21099
960	465	27.21767
965	465	27.22512
970	465	27.19955
975	465	27.2383
980	465	27.22063
985	465	27.23523
990	465	27.21209
995	465	27.2181
1000	465	27.22466
1005	465	27.21295
1010	465	27.21819
1015	465	27.21598
1020	465	27.20527
1025	465	27.21676
1030	465	27.21239
1035	465	27.2022
1040	465	27.21881
1045	465	27.19799
1050	465	27.20053
1055	465	27.19381
1060	465	27.19979

EM wavele nm	EX wavele nm	R1 MicroAmps
1065	465	27.21811
1070	465	27.21637
1075	465	27.22521
1080	465	27.21002
1085	465	27.20761
1090	465	27.21651
1095	465	27.21067
1100	465	27.22531
1105	465	27.21496
1110	465	27.20891
1115	465	27.20839
1120	465	27.21781
1125	465	27.22739
1130	465	27.22251
1135	465	27.22652
1140	465	27.22185
1145	465	27.21939
1150	465	27.2115
0	470	27.56373
5	470	27.54804
10	470	27.55822
15	470	27.57283
20	470	27.55792
25	470	27.56917
30	470	27.57118
35	470	27.58429
40	470	27.56179
45	470	27.5861
50	470	27.57696
55	470	27.58038
60	470	27.57827
65	470	27.58153
70	470	27.58266
75	470	27.55661
80	470	27.57443
85	470	27.56365
90	470	27.56049
95	470	27.55635
100	470	27.57323
105	470	27.56398
110	470	27.56339
115	470	27.57642
120	470	27.57556
125	470	27.56231
130	470	27.57172
135	470	27.57124
140	470	27.55408
145	470	27.57137
150	470	27.57262
155	470	27.56526
160	470	27.55919
165	470	27.55702
170	470	27.54959
175	470	27.54656
180	470	27.54627
185	470	27.54748
190	470	27.55457
195	470	27.54304
200	470	27.57014
205	470	27.55251
210	470	27.55072
215	470	27.57647
220	470	27.55493
225	470	27.55445

EM wavele nm	EX wavele nm	R1 MicroAmps
230	470	27.56516
235	470	27.55334
240	470	27.57197
245	470	27.56936
250	470	27.5803
255	470	27.58662
260	470	27.57562
265	470	27.59362
270	470	27.59092
275	470	27.58548
280	470	27.57477
285	470	27.57869
290	470	27.56848
295	470	27.56525
300	470	27.5655
305	470	27.56599
310	470	27.58581
315	470	27.56706
320	470	27.57663
325	470	27.57648
330	470	27.56902
335	470	27.59042
340	470	27.57829
345	470	27.565
350	470	27.57281
355	470	27.57184
360	470	27.5659
365	470	27.56346
370	470	27.56328
375	470	27.57413
380	470	27.55936
385	470	27.56014
390	470	27.56731
395	470	27.54938
400	470	27.54675
405	470	27.5732
410	470	27.56112
415	470	27.56041
420	470	27.57528
425	470	27.56719
430	470	27.55743
435	470	27.56431
440	470	27.56262
445	470	27.55174
450	470	27.55551
455	470	27.55407
460	470	27.53342
465	470	27.52836
470	470	27.53517
475	470	27.56629
480	470	27.54051
485	470	27.55043
490	470	27.561
495	470	27.54112
500	470	27.54416
505	470	27.56157
510	470	27.54638
515	470	27.55177
520	470	27.55282
525	470	27.55209
530	470	27.55623
535	470	27.56992
540	470	27.55715
545	470	27.56029

EM wavele nm	EX wavele nm	R1 MicroAmps
550	470	27.55143
555	470	27.55792
560	470	27.56764
565	470	27.55988
570	470	27.5533
575	470	27.55846
580	470	27.55637
585	470	27.54543
590	470	27.55577
595	470	27.53855
600	470	27.55329
605	470	27.54465
610	470	27.5386
615	470	27.55496
620	470	27.55095
625	470	27.56571
630	470	27.57409
635	470	27.56217
640	470	27.56702
645	470	27.57437
650	470	27.56141
655	470	27.5616
660	470	27.5655
665	470	27.55624
670	470	27.58467
675	470	27.55917
680	470	27.57227
685	470	27.5611
690	470	27.55299
695	470	27.56418
700	470	27.55308
705	470	27.52902
710	470	27.56257
715	470	27.55606
720	470	27.54303
725	470	27.54981
730	470	27.5514
735	470	27.55586
740	470	27.5543
745	470	27.55102
750	470	27.56477
755	470	27.55948
760	470	27.55513
765	470	27.55859
770	470	27.56385
775	470	27.5661
780	470	27.57282
785	470	27.55652
790	470	27.57808
795	470	27.56675
800	470	27.56657
805	470	27.53523
810	470	27.5579
815	470	27.55657
820	470	27.54795
825	470	27.55879
830	470	27.55649
835	470	27.57855
840	470	27.55152
845	470	27.5497
850	470	27.56913
855	470	27.5648
860	470	27.56473
865	470	27.54526

EM wavele nm	EX wavele nm	R1 MicroAmps
870	470	27.54953
875	470	27.55029
880	470	27.55611
885	470	27.56539
890	470	27.56244
895	470	27.5746
900	470	27.57296
905	470	27.56318
910	470	27.55928
915	470	27.56063
920	470	27.55883
925	470	27.55871
930	470	27.55415
935	470	27.55659
940	470	27.57109
945	470	27.54708
950	470	27.55366
955	470	27.53789
960	470	27.56392
965	470	27.54865
970	470	27.55985
975	470	27.56164
980	470	27.53695
985	470	27.56777
990	470	27.54317
995	470	27.54723
1000	470	27.56147
1005	470	27.54708
1010	470	27.56706
1015	470	27.54291
1020	470	27.54432
1025	470	27.56755
1030	470	27.54077
1035	470	27.56171
1040	470	27.54403
1045	470	27.56118
1050	470	27.55823
1055	470	27.55175
1060	470	27.55056
1065	470	27.5418
1070	470	27.53985
1075	470	27.54699
1080	470	27.52747
1085	470	27.54302
1090	470	27.55047
1095	470	27.5711
1100	470	27.56956
1105	470	27.56106
1110	470	27.5537
1115	470	27.54977
1120	470	27.55142
1125	470	27.55282
1130	470	27.56306
1135	470	27.55592
1140	470	27.57362
1145	470	27.57026
1150	470	27.55629
0	475	22.65088
5	475	22.64946
10	475	22.63798
15	475	22.65995
20	475	22.64366
25	475	22.64553
30	475	22.65314

EM wavele nm	EX wavele nm	R1 MicroAmps
35	475	22.6578
40	475	22.64954
45	475	22.6512
50	475	22.6473
55	475	22.6439
60	475	22.63752
65	475	22.64708
70	475	22.65077
75	475	22.64337
80	475	22.65416
85	475	22.64496
90	475	22.64341
95	475	22.64
100	475	22.65051
105	475	22.6433
110	475	22.64214
115	475	22.64756
120	475	22.64832
125	475	22.6324
130	475	22.62548
135	475	22.62715
140	475	22.62244
145	475	22.62132
150	475	22.63498
155	475	22.61984
160	475	22.62886
165	475	22.63215
170	475	22.6282
175	475	22.63928
180	475	22.62475
185	475	22.63684
190	475	22.64097
195	475	22.63116
200	475	22.63884
205	475	22.62391
210	475	22.62997
215	475	22.62791
220	475	22.63886
225	475	22.63313
230	475	22.64397
235	475	22.64877
240	475	22.64778
245	475	22.64415
250	475	22.6631
255	475	22.6516
260	475	22.64826
265	475	22.64929
270	475	22.64752
275	475	22.6494
280	475	22.63485
285	475	22.65867
290	475	22.64817
295	475	22.75676
300	475	22.77685
305	475	22.7795
310	475	22.73176
315	475	22.72929
320	475	22.67105
325	475	22.67044
330	475	22.65127
335	475	22.61816
340	475	22.73773
345	475	22.78595
350	475	22.72983

EM wavele nm	EX wavele nm	R1 MicroAmps
355	475	22.74187
360	475	22.69094
365	475	22.69315
370	475	22.74877
375	475	22.71957
380	475	22.71526
385	475	22.67643
390	475	22.65328
395	475	22.64139
400	475	22.62268
405	475	22.6464
410	475	22.60527
415	475	22.61917
420	475	22.62647
425	475	22.62208
430	475	22.64511
435	475	22.63391
440	475	22.64392
445	475	22.65909
450	475	22.63945
455	475	22.63925
460	475	22.64416
465	475	22.63406
470	475	22.653
475	475	22.64671
480	475	22.63398
485	475	22.63619
490	475	22.7173
495	475	22.83578
500	475	22.83219
505	475	22.9036
510	475	22.82217
515	475	22.77022
520	475	22.68656
525	475	22.71353
530	475	22.67093
535	475	22.62272
540	475	22.64553
545	475	22.62188
550	475	22.6173
555	475	22.62752
560	475	22.63439
565	475	22.64476
570	475	22.65196
575	475	22.74269
580	475	22.79018
585	475	22.74099
590	475	22.76092
595	475	22.77116
600	475	22.74425
605	475	22.7318
610	475	22.69338
615	475	22.67257
620	475	22.66938
625	475	22.67359
630	475	22.65478
635	475	22.65349
640	475	22.67073
645	475	22.65782
650	475	22.6623
655	475	22.66162
660	475	22.66027
665	475	22.65983
670	475	22.64506

EM wavele nm	EX wavele nm	R1 MicroAmps
675	475	22.67936
680	475	22.76297
685	475	22.79356
690	475	22.77976
695	475	22.75906
700	475	22.70084
705	475	22.67436
710	475	22.66005
715	475	22.62841
720	475	22.62093
725	475	22.62517
730	475	22.6119
735	475	22.60831
740	475	22.61826
745	475	22.61617
750	475	22.60714
755	475	22.61582
760	475	22.61604
765	475	22.62903
770	475	22.61838
775	475	22.6203
780	475	22.64107
785	475	22.65093
790	475	22.63621
795	475	22.63415
800	475	22.64874
805	475	22.65614
810	475	22.65741
815	475	22.64594
820	475	22.6564
825	475	22.6572
830	475	22.65487
835	475	22.64492
840	475	22.63415
845	475	22.63728
850	475	22.63089
855	475	22.63663
860	475	22.62113
865	475	22.62963
870	475	22.64375
875	475	22.63532
880	475	22.63448
885	475	22.63985
890	475	22.63975
895	475	22.64694
900	475	22.70912
905	475	22.73178
910	475	22.71375
915	475	22.69948
920	475	22.66587
925	475	22.64981
930	475	22.63906
935	475	22.64977
940	475	22.62968
945	475	22.64443
950	475	22.64641
955	475	22.64814
960	475	22.64806
965	475	22.63723
970	475	22.65849
975	475	22.64856
980	475	22.64551
985	475	22.64761
990	475	22.65523

EM wavele nm	EX wavele nm	R1 MicroAmps
995	475	22.65205
1000	475	22.66451
1005	475	22.68978
1010	475	22.74703
1015	475	22.69673
1020	475	22.68745
1025	475	22.63668
1030	475	22.64807
1035	475	22.65247
1040	475	22.64734
1045	475	22.63685
1050	475	22.6322
1055	475	22.64644
1060	475	22.63185
1065	475	22.64308
1070	475	22.62788
1075	475	22.65455
1080	475	22.66422
1085	475	22.63811
1090	475	22.65304
1095	475	22.63042
1100	475	22.62306
1105	475	22.64097
1110	475	22.63445
1115	475	22.63514
1120	475	22.61923
1125	475	22.63859
1130	475	22.63756
1135	475	22.63513
1140	475	22.63342
1145	475	22.65523
1150	475	22.63727
0	480	21.69427
5	480	21.6785
10	480	21.69086
15	480	21.6892
20	480	21.68078
25	480	21.69398
30	480	21.68654
35	480	21.67162
40	480	21.68916
45	480	21.6847
50	480	21.6828
55	480	21.68525
60	480	21.67893
65	480	21.68204
70	480	21.66916
75	480	21.66615
80	480	21.67301
85	480	21.67434
90	480	21.67987
95	480	21.68184
100	480	21.67222
105	480	21.68329
110	480	21.67681
115	480	21.67482
120	480	21.67957
125	480	21.67674
130	480	21.676
135	480	21.68036
140	480	21.67676
145	480	21.67355
150	480	21.67822
155	480	21.67597

EM wavele nm	EX wavele nm	R1 MicroAmps
160	480	21.67474
165	480	21.67153
170	480	21.6692
175	480	21.68321
180	480	21.6694
185	480	21.67952
190	480	21.6747
195	480	21.67162
200	480	21.66723
205	480	21.67917
210	480	21.67447
215	480	21.67788
220	480	21.67694
225	480	21.67867
230	480	21.67634
235	480	21.6749
240	480	21.70263
245	480	21.69211
250	480	21.68214
255	480	21.68897
260	480	21.67717
265	480	21.66579
270	480	21.68106
275	480	21.67367
280	480	21.66641
285	480	21.67457
290	480	21.66657
295	480	21.6696
300	480	21.68315
305	480	21.68252
310	480	21.68348
315	480	21.69318
320	480	21.68609
325	480	21.69163
330	480	21.68392
335	480	21.68767
340	480	21.68631
345	480	21.66224
350	480	21.68668
355	480	21.68414
360	480	21.68241
365	480	21.68358
370	480	21.6873
375	480	21.68445
380	480	21.67718
385	480	21.68361
390	480	21.67574
395	480	21.6773
400	480	21.68713
405	480	21.67569
410	480	21.69162
415	480	21.65873
420	480	21.68212
425	480	21.67506
430	480	21.66995
435	480	21.6816
440	480	21.68014
445	480	21.67253
450	480	21.67847
455	480	21.68258
460	480	21.67331
465	480	21.66595
470	480	21.68323
475	480	21.67574

EM wavele nm	EX wavele nm	R1 MicroAmps
480	480	21.68385
485	480	21.68312
490	480	21.68168
495	480	21.69243
500	480	21.68628
505	480	21.68604
510	480	21.69531
515	480	21.68777
520	480	21.67795
525	480	21.69132
530	480	21.68182
535	480	21.68351
540	480	21.68499
545	480	21.68719
550	480	21.68028
555	480	21.67943
560	480	21.67609
565	480	21.69142
570	480	21.67949
575	480	21.67305
580	480	21.67426
585	480	21.67419
590	480	21.67409
595	480	21.66337
600	480	21.6762
605	480	21.67337
610	480	21.67117
615	480	21.6845
620	480	21.67268
625	480	21.6798
630	480	21.67583
635	480	21.6732
640	480	21.68322
645	480	21.67167
650	480	21.68738
655	480	21.6795
660	480	21.66765
665	480	21.68785
670	480	21.67722
675	480	21.6915
680	480	21.67987
685	480	21.68441
690	480	21.69243
695	480	21.6866
700	480	21.68328
705	480	21.68493
710	480	21.6905
715	480	21.67639
720	480	21.68591
725	480	21.67757
730	480	21.69155
735	480	21.68504
740	480	21.68918
745	480	21.68594
750	480	21.68728
755	480	21.69331
760	480	21.67664
765	480	21.68289
770	480	21.6868
775	480	21.67044
780	480	21.67289
785	480	21.67126
790	480	21.68019
795	480	21.68255

EM wavele nm	EX wavele nm	R1 MicroAmps
800	480	21.67379
805	480	21.68391
810	480	21.68092
815	480	21.67792
820	480	21.67686
825	480	21.68353
830	480	21.68199
835	480	21.68246
840	480	21.67931
845	480	21.67643
850	480	21.67943
855	480	21.67895
860	480	21.67356
865	480	21.67058
870	480	21.68807
875	480	21.68142
880	480	21.6832
885	480	21.66778
890	480	21.67517
895	480	21.67667
900	480	21.67272
905	480	21.67404
910	480	21.68666
915	480	21.67604
920	480	21.68448
925	480	21.67861
930	480	21.6794
935	480	21.68246
940	480	21.67043
945	480	21.68932
950	480	21.67506
955	480	21.69063
960	480	21.67011
965	480	21.68736
970	480	21.68145
975	480	21.6819
980	480	21.6834
985	480	21.67638
990	480	21.68259
995	480	21.69687
1000	480	21.67708
1005	480	21.69324
1010	480	21.68562
1015	480	21.6947
1020	480	21.68159
1025	480	21.68901
1030	480	21.68454
1035	480	21.67492
1040	480	21.6854
1045	480	21.66787
1050	480	21.66881
1055	480	21.66628
1060	480	21.66175
1065	480	21.67124
1070	480	21.67799
1075	480	21.68791
1080	480	21.68072
1085	480	21.68431
1090	480	21.69783
1095	480	21.67955
1100	480	21.69438
1105	480	21.68425
1110	480	21.69436
1115	480	21.69356

EM wavele nm	EX wavele nm	R1 MicroAmps
1120	480	21.67401
1125	480	21.69022
1130	480	21.6854
1135	480	21.68288
1140	480	21.68002
1145	480	21.67541
1150	480	21.65904
0	485	21.58021
5	485	21.58851
10	485	21.58503
15	485	21.56434
20	485	21.59913
25	485	21.57534
30	485	21.56872
35	485	21.5888
40	485	21.57025
45	485	21.57465
50	485	21.57713
55	485	21.57511
60	485	21.58902
65	485	21.58703
70	485	21.58843
75	485	21.60046
80	485	21.57169
85	485	21.5877
90	485	21.6004
95	485	21.57582
100	485	21.5923
105	485	21.58839
110	485	21.56425
115	485	21.57265
120	485	21.56792
125	485	21.55987
130	485	21.58778
135	485	21.59389
140	485	21.59026
145	485	21.59659
150	485	21.59054
155	485	21.59742
160	485	21.58847
165	485	21.58908
170	485	21.5993
175	485	21.58855
180	485	21.59206
185	485	21.59372
190	485	21.58788
195	485	21.59324
200	485	21.59784
205	485	21.59236
210	485	21.59093
215	485	21.59474
220	485	21.60871
225	485	21.61689
230	485	21.61023
235	485	21.62542
240	485	21.61404
245	485	21.60504
250	485	21.61384
255	485	21.60587
260	485	21.59003
265	485	21.61086
270	485	21.59451
275	485	21.60382
280	485	21.61831

EM wavele nm	EX wavele nm	R1 MicroAmps
285	485	21.60306
290	485	21.60269
295	485	21.61147
300	485	21.58597
305	485	21.5982
310	485	21.60073
315	485	21.58726
320	485	21.58848
325	485	21.591
330	485	21.59159
335	485	21.60403
340	485	21.59941
345	485	21.59668
350	485	21.60743
355	485	21.58938
360	485	21.58891
365	485	21.60485
370	485	21.59128
375	485	21.58139
380	485	21.61114
385	485	21.5907
390	485	21.59402
395	485	21.60208
400	485	21.60214
405	485	21.60517
410	485	21.60384
415	485	21.59402
420	485	21.60541
425	485	21.59129
430	485	21.59764
435	485	21.61008
440	485	21.59386
445	485	21.60203
450	485	21.60341
455	485	21.59309
460	485	21.58727
465	485	21.5826
470	485	21.58455
475	485	21.58087
480	485	21.58413
485	485	21.58476
490	485	21.59122
495	485	21.57913
500	485	21.58979
505	485	21.59422
510	485	21.5882
515	485	21.58669
520	485	21.58972
525	485	21.59787
530	485	21.58237
535	485	21.58645
540	485	21.60389
545	485	21.587
550	485	21.60889
555	485	21.59867
560	485	21.60658
565	485	21.60165
570	485	21.59536
575	485	21.58977
580	485	21.5925
585	485	21.58595
590	485	21.57635
595	485	21.5979
600	485	21.57881

EM wavele nm	EX wavele nm	R1 MicroAmps
605	485	21.57496
610	485	21.5883
615	485	21.58479
620	485	21.60539
625	485	21.58967
630	485	21.61031
635	485	21.59945
640	485	21.6068
645	485	21.57402
650	485	21.61022
655	485	21.59484
660	485	21.5786
665	485	21.58386
670	485	21.5714
675	485	21.59982
680	485	21.57981
685	485	21.5834
690	485	21.58591
695	485	21.59468
700	485	21.57539
705	485	21.56742
710	485	21.60338
715	485	21.58074
720	485	21.60332
725	485	21.58714
730	485	21.60525
735	485	21.60345
740	485	21.58962
745	485	21.60772
750	485	21.5864
755	485	21.61391
760	485	21.5953
765	485	21.58724
770	485	21.5961
775	485	21.60299
780	485	21.58906
785	485	21.59412
790	485	21.61178
795	485	21.59949
800	485	21.61251
805	485	21.60868
810	485	21.61127
815	485	21.60986
820	485	21.6013
825	485	21.61018
830	485	21.61395
835	485	21.60269
840	485	21.59822
845	485	21.5889
850	485	21.59909
855	485	21.59133
860	485	21.58332
865	485	21.60525
870	485	21.59948
875	485	21.61042
880	485	21.59095
885	485	21.60567
890	485	21.6064
895	485	21.60464
900	485	21.5969
905	485	21.59971
910	485	21.60529
915	485	21.59546
920	485	21.59377

EM wavele nm	EX wavele nm	R1 MicroAmps
925	485	21.59388
930	485	21.59571
935	485	21.59917
940	485	21.58754
945	485	21.58959
950	485	21.59994
955	485	21.60037
960	485	21.59397
965	485	21.59061
970	485	21.5989
975	485	21.59266
980	485	21.59589
985	485	21.58203
990	485	21.59643
995	485	21.59932
1000	485	21.59612
1005	485	21.59223
1010	485	21.59327
1015	485	21.60777
1020	485	21.60065
1025	485	21.5876
1030	485	21.60223
1035	485	21.59913
1040	485	21.60864
1045	485	21.60812
1050	485	21.59639
1055	485	21.60638
1060	485	21.60176
1065	485	21.60809
1070	485	21.59562
1075	485	21.58838
1080	485	21.59636
1085	485	21.5837
1090	485	21.59867
1095	485	21.60118
1100	485	21.59272
1105	485	21.60028
1110	485	21.59685
1115	485	21.59937
1120	485	21.59667
1125	485	21.59715
1130	485	21.58396
1135	485	21.59829
1140	485	21.60897
1145	485	21.63078
1150	485	21.60709
0	490	21.31436
5	490	21.36789
10	490	21.39421
15	490	21.39853
20	490	21.47082
25	490	21.52761
30	490	21.49562
35	490	21.42459
40	490	21.39322
45	490	21.35933
50	490	21.32517
55	490	21.31042
60	490	21.2903
65	490	21.3053
70	490	21.30661
75	490	21.2918
80	490	21.32211
85	490	21.30641

EM wavele nm	EX wavele nm	R1 MicroAmps
90	490	21.31814
95	490	21.32207
100	490	21.3235
105	490	21.32439
110	490	21.34031
115	490	21.31636
120	490	21.34328
125	490	21.32175
130	490	21.3332
135	490	21.31891
140	490	21.3181
145	490	21.3176
150	490	21.32482
155	490	21.29808
160	490	21.31112
165	490	21.2993
170	490	21.30499
175	490	21.3195
180	490	21.30555
185	490	21.31603
190	490	21.30311
195	490	21.31505
200	490	21.31151
205	490	21.30806
210	490	21.30538
215	490	21.3068
220	490	21.29918
225	490	21.30396
230	490	21.31244
235	490	21.29145
240	490	21.32734
245	490	21.3092
250	490	21.32335
255	490	21.30572
260	490	21.31163
265	490	21.30078
270	490	21.30097
275	490	21.31376
280	490	21.2764
285	490	21.30228
290	490	21.29912
295	490	21.30427
300	490	21.29536
305	490	21.31621
310	490	21.31568
315	490	21.31453
320	490	21.30847
325	490	21.31145
330	490	21.31875
335	490	21.29594
340	490	21.31492
345	490	21.30365
350	490	21.31646
355	490	21.29863
360	490	21.32241
365	490	21.30642
370	490	21.31856
375	490	21.3236
380	490	21.31714
385	490	21.32521
390	490	21.3133
395	490	21.32391
400	490	21.31168
405	490	21.31155

EM wavele nm	EX wavele nm	R1 MicroAmps
410	490	21.3011
415	490	21.30771
420	490	21.30326
425	490	21.3183
430	490	21.30051
435	490	21.31515
440	490	21.29879
445	490	21.31304
450	490	21.30611
455	490	21.31716
460	490	21.32627
465	490	21.32017
470	490	21.32592
475	490	21.3175
480	490	21.31892
485	490	21.30313
490	490	21.32064
495	490	21.32049
500	490	21.32327
505	490	21.31767
510	490	21.32465
515	490	21.33028
520	490	21.31994
525	490	21.33754
530	490	21.30334
535	490	21.33369
540	490	21.30712
545	490	21.32085
550	490	21.32328
555	490	21.30238
560	490	21.31977
565	490	21.31081
570	490	21.30741
575	490	21.30516
580	490	21.32172
585	490	21.3068
590	490	21.32387
595	490	21.30247
600	490	21.31965
605	490	21.31352
610	490	21.31231
615	490	21.32436
620	490	21.3095
625	490	21.31863
630	490	21.30782
635	490	21.33002
640	490	21.30694
645	490	21.3301
650	490	21.31471
655	490	21.31179
660	490	21.31145
665	490	21.30535
670	490	21.32095
675	490	21.31508
680	490	21.31325
685	490	21.30553
690	490	21.32881
695	490	21.29945
700	490	21.31241
705	490	21.31862
710	490	21.29666
715	490	21.30578
720	490	21.30256
725	490	21.30607

EM wavele nm	EX wavele nm	R1 MicroAmps
730	490	21.2957
735	490	21.30114
740	490	21.3084
745	490	21.3096
750	490	21.30955
755	490	21.29992
760	490	21.32287
765	490	21.31183
770	490	21.32116
775	490	21.3163
780	490	21.3077
785	490	21.31182
790	490	21.29241
795	490	21.3014
800	490	21.29523
805	490	21.30521
810	490	21.3051
815	490	21.31169
820	490	21.31298
825	490	21.3028
830	490	21.30348
835	490	21.30454
840	490	21.28875
845	490	21.30467
850	490	21.31022
855	490	21.30232
860	490	21.31627
865	490	21.31116
870	490	21.31519
875	490	21.30314
880	490	21.3158
885	490	21.30648
890	490	21.30666
895	490	21.30682
900	490	21.30521
905	490	21.31728
910	490	21.30526
915	490	21.30968
920	490	21.31229
925	490	21.31143
930	490	21.31491
935	490	21.31949
940	490	21.31315
945	490	21.31954
950	490	21.31702
955	490	21.30641
960	490	21.30718
965	490	21.31141
970	490	21.3176
975	490	21.31493
980	490	21.30378
985	490	21.31025
990	490	21.30113
995	490	21.30716
1000	490	21.29741
1005	490	21.30541
1010	490	21.31465
1015	490	21.29989
1020	490	21.31188
1025	490	21.31977
1030	490	21.32479
1035	490	21.31799
1040	490	21.31464
1045	490	21.31811

EM wavele nm	EX wavele nm	R1 MicroAmps
1050	490	21.2978
1055	490	21.31329
1060	490	21.30824
1065	490	21.30128
1070	490	21.30292
1075	490	21.30106
1080	490	21.31333
1085	490	21.30846
1090	490	21.30126
1095	490	21.31573
1100	490	21.31364
1105	490	21.30137
1110	490	21.31513
1115	490	21.3189
1120	490	21.29588
1125	490	21.31228
1130	490	21.30099
1135	490	21.30773
1140	490	21.31423
1145	490	21.293
1150	490	21.29802
0	495	21.38738
5	495	21.38931
10	495	21.38221
15	495	21.39336
20	495	21.39565
25	495	21.38823
30	495	21.39562
35	495	21.39674
40	495	21.39336
45	495	21.38755
50	495	21.38957
55	495	21.39357
60	495	21.37932
65	495	21.37928
70	495	21.38109
75	495	21.37131
80	495	21.37556
85	495	21.39314
90	495	21.38259
95	495	21.39159
100	495	21.39637
105	495	21.39281
110	495	21.39835
115	495	21.40593
120	495	21.40159
125	495	21.39141
130	495	21.39763
135	495	21.4026
140	495	21.3952
145	495	21.39078
150	495	21.39338
155	495	21.39176
160	495	21.392
165	495	21.3929
170	495	21.39627
175	495	21.39289
180	495	21.39759
185	495	21.39425
190	495	21.39271
195	495	21.3909
200	495	21.38721
205	495	21.38794
210	495	21.38362

EM wavele nm	EX wavele nm	R1 MicroAmps
215	495	21.3857
220	495	21.39067
225	495	21.39802
230	495	21.38947
235	495	21.40428
240	495	21.39229
245	495	21.3842
250	495	21.39914
255	495	21.39562
260	495	21.3932
265	495	21.39509
270	495	21.40254
275	495	21.38251
280	495	21.40216
285	495	21.39575
290	495	21.41057
295	495	21.39791
300	495	21.3963
305	495	21.39895
310	495	21.39124
315	495	21.38324
320	495	21.39314
325	495	21.39481
330	495	21.37221
335	495	21.40886
340	495	21.38502
345	495	21.38342
350	495	21.40637
355	495	21.3864
360	495	21.39898
365	495	21.39126
370	495	21.39247
375	495	21.3952
380	495	21.38177
385	495	21.38985
390	495	21.39676
395	495	21.387
400	495	21.39848
405	495	21.40018
410	495	21.38118
415	495	21.38709
420	495	21.38886
425	495	21.388
430	495	21.39019
435	495	21.39184
440	495	21.39113
445	495	21.39343
450	495	21.38474
455	495	21.40023
460	495	21.38813
465	495	21.37797
470	495	21.39846
475	495	21.38639
480	495	21.37236
485	495	21.38895
490	495	21.388
495	495	21.38994
500	495	21.39536
505	495	21.39583
510	495	21.39064
515	495	21.38605
520	495	21.39261
525	495	21.39346
530	495	21.39154

EM wavele nm	EX wavele nm	R1 MicroAmps
535	495	21.38365
540	495	21.38173
545	495	21.353
550	495	21.37117
555	495	21.36086
560	495	21.35621
565	495	21.35721
570	495	21.36988
575	495	21.37802
580	495	21.37338
585	495	21.38629
590	495	21.381
595	495	21.37946
600	495	21.38607
605	495	21.36936
610	495	21.38978
615	495	21.39052
620	495	21.3733
625	495	21.40611
630	495	21.39355
635	495	21.39654
640	495	21.37984
645	495	21.38217
650	495	21.3887
655	495	21.38403
660	495	21.38994
665	495	21.40886
670	495	21.40666
675	495	21.40903
680	495	21.40334
685	495	21.40744
690	495	21.409
695	495	21.38909
700	495	21.4011
705	495	21.40079
710	495	21.39743
715	495	21.4084
720	495	21.39532
725	495	21.40183
730	495	21.4088
735	495	21.39477
740	495	21.40498
745	495	21.4113
750	495	21.41909
755	495	21.41875
760	495	21.41334
765	495	21.41637
770	495	21.4187
775	495	21.41261
780	495	21.4044
785	495	21.4092
790	495	21.42532
795	495	21.40444
800	495	21.40445
805	495	21.40231
810	495	21.41289
815	495	21.40163
820	495	21.41814
825	495	21.41427
830	495	21.41372
835	495	21.4175
840	495	21.41303
845	495	21.41069
850	495	21.41276

EM wavele nm	EX wavele nm	R1 MicroAmps
855	495	21.40047
860	495	21.404
865	495	21.41074
870	495	21.4058
875	495	21.41048
880	495	21.39602
885	495	21.40041
890	495	21.4021
895	495	21.3859
900	495	21.39341
905	495	21.39925
910	495	21.39472
915	495	21.39288
920	495	21.38801
925	495	21.39708
930	495	21.39579
935	495	21.40002
940	495	21.39582
945	495	21.40822
950	495	21.40337
955	495	21.40222
960	495	21.41123
965	495	21.39616
970	495	21.41055
975	495	21.40001
980	495	21.39397
985	495	21.39546
990	495	21.3848
995	495	21.39365
1000	495	21.36983
1005	495	21.3928
1010	495	21.39755
1015	495	21.38967
1020	495	21.39243
1025	495	21.40346
1030	495	21.40667
1035	495	21.40023
1040	495	21.40038
1045	495	21.41661
1050	495	21.40656
1055	495	21.39772
1060	495	21.40886
1065	495	21.3789
1070	495	21.38699
1075	495	21.38765
1080	495	21.38482
1085	495	21.38498
1090	495	21.37896
1095	495	21.3759
1100	495	21.38986
1105	495	21.38806
1110	495	21.39041
1115	495	21.38834
1120	495	21.38745
1125	495	21.42662
1130	495	21.49627
1135	495	21.45226
1140	495	21.45114
1145	495	21.42144
1150	495	21.39449
0	500	20.2092
5	500	20.21456
10	500	20.20383
15	500	20.20854

EM wavele nm	EX wavele nm	R1 MicroAmps
20	500	20.20343
25	500	20.20229
30	500	20.20677
35	500	20.2074
40	500	20.20737
45	500	20.20277
50	500	20.22315
55	500	20.21104
60	500	20.20422
65	500	20.20618
70	500	20.21601
75	500	20.20465
80	500	20.23193
85	500	20.2285
90	500	20.22128
95	500	20.22872
100	500	20.22578
105	500	20.22802
110	500	20.22029
115	500	20.22348
120	500	20.22864
125	500	20.22085
130	500	20.21337
135	500	20.22433
140	500	20.22201
145	500	20.20846
150	500	20.22724
155	500	20.21455
160	500	20.21942
165	500	20.21127
170	500	20.21567
175	500	20.21827
180	500	20.21246
185	500	20.2276
190	500	20.22174
195	500	20.21998
200	500	20.21525
205	500	20.21642
210	500	20.21286
215	500	20.21419
220	500	20.21386
225	500	20.20858
230	500	20.22148
235	500	20.21656
240	500	20.20463
245	500	20.20296
250	500	20.20888
255	500	20.21094
260	500	20.1975
265	500	20.2153
270	500	20.21055
275	500	20.20021
280	500	20.19325
285	500	20.20415
290	500	20.19877
295	500	20.20128
300	500	20.20924
305	500	20.19762
310	500	20.2102
315	500	20.20746
320	500	20.19803
325	500	20.2127
330	500	20.2049
335	500	20.21986

EM wavele nm	EX wavele nm	R1 MicroAmps
340	500	20.21293
345	500	20.21048
350	500	20.22139
355	500	20.20738
360	500	20.21127
365	500	20.20294
370	500	20.2059
375	500	20.20664
380	500	20.20215
385	500	20.21035
390	500	20.2028
395	500	20.19927
400	500	20.20282
405	500	20.20571
410	500	20.19238
415	500	20.2039
420	500	20.19962
425	500	20.20014
430	500	20.21529
435	500	20.19644
440	500	20.21138
445	500	20.19968
450	500	20.21747
455	500	20.20068
460	500	20.20423
465	500	20.19839
470	500	20.19516
475	500	20.18553
480	500	20.18923
485	500	20.19521
490	500	20.18962
495	500	20.19682
500	500	20.20415
505	500	20.19595
510	500	20.20163
515	500	20.18875
520	500	20.21473
525	500	20.20695
530	500	20.21411
535	500	20.21016
540	500	20.21041
545	500	20.21128
550	500	20.20864
555	500	20.21815
560	500	20.20709
565	500	20.20425
570	500	20.1977
575	500	20.20858
580	500	20.19851
585	500	20.20324
590	500	20.21081
595	500	20.20923
600	500	20.19725
605	500	20.20544
610	500	20.20599
615	500	20.202
620	500	20.20957
625	500	20.19937
630	500	20.20983
635	500	20.18699
640	500	20.19407
645	500	20.20233
650	500	20.19332
655	500	20.20348

EM wavele nm	EX wavele nm	R1 MicroAmps
660	500	20.20295
665	500	20.19701
670	500	20.19001
675	500	20.19643
680	500	20.20793
685	500	20.20706
690	500	20.20928
695	500	20.20661
700	500	20.20752
705	500	20.2079
710	500	20.20165
715	500	20.19911
720	500	20.19754
725	500	20.19926
730	500	20.18387
735	500	20.19678
740	500	20.19236
745	500	20.18426
750	500	20.19532
755	500	20.18673
760	500	20.20398
765	500	20.19075
770	500	20.19341
775	500	20.18887
780	500	20.19166
785	500	20.19436
790	500	20.1923
795	500	20.20806
800	500	20.19864
805	500	20.18789
810	500	20.21835
815	500	20.19043
820	500	20.19678
825	500	20.20437
830	500	20.20022
835	500	20.21901
840	500	20.19423
845	500	20.20804
850	500	20.20386
855	500	20.20443
860	500	20.20191
865	500	20.1919
870	500	20.21523
875	500	20.20112
880	500	20.19934
885	500	20.19566
890	500	20.19532
895	500	20.19987
900	500	20.20184
905	500	20.19304
910	500	20.19642
915	500	20.19263
920	500	20.20835
925	500	20.18732
930	500	20.21092
935	500	20.208
940	500	20.20903
945	500	20.20273
950	500	20.20315
955	500	20.20369
960	500	20.19675
965	500	20.20312
970	500	20.19568
975	500	20.19303

EM wavele nm	EX wavele nm	R1 MicroAmps
980	500	20.20236
985	500	20.18709
990	500	20.19711
995	500	20.20186
1000	500	20.2009
1005	500	20.20295
1010	500	20.20441
1015	500	20.19862
1020	500	20.1949
1025	500	20.19657
1030	500	20.20185
1035	500	20.18256
1040	500	20.1856
1045	500	20.1848
1050	500	20.18649
1055	500	20.20301
1060	500	20.19713
1065	500	20.2116
1070	500	20.20467
1075	500	20.20076
1080	500	20.20313
1085	500	20.19465
1090	500	20.18249
1095	500	20.20102
1100	500	20.1977
1105	500	20.18992
1110	500	20.19865
1115	500	20.19845
1120	500	20.20403
1125	500	20.1984
1130	500	20.1895
1135	500	20.19492
1140	500	20.18774
1145	500	20.19116
1150	500	20.18662
0	505	20.2395
5	505	20.23951
10	505	20.23792
15	505	20.24575
20	505	20.24134
25	505	20.24068
30	505	20.23082
35	505	20.23037
40	505	20.23493
45	505	20.23126
50	505	20.23326
55	505	20.23897
60	505	20.22713
65	505	20.23023
70	505	20.23952
75	505	20.23561
80	505	20.22444
85	505	20.23298
90	505	20.22922
95	505	20.22113
100	505	20.23064
105	505	20.22838
110	505	20.22729
115	505	20.23012
120	505	20.23614
125	505	20.23318
130	505	20.22645
135	505	20.23509
140	505	20.23342

EM wavele nm	EX wavele nm	R1 MicroAmps
145	505	20.22435
150	505	20.22958
155	505	20.22898
160	505	20.22219
165	505	20.24625
170	505	20.24203
175	505	20.23141
180	505	20.22042
185	505	20.23881
190	505	20.22291
195	505	20.24096
200	505	20.22769
205	505	20.2313
210	505	20.22406
215	505	20.22821
220	505	20.23471
225	505	20.21626
230	505	20.23318
235	505	20.21809
240	505	20.23636
245	505	20.21731
250	505	20.24113
255	505	20.23274
260	505	20.22628
265	505	20.2348
270	505	20.23439
275	505	20.24666
280	505	20.23284
285	505	20.24172
290	505	20.23931
295	505	20.23733
300	505	20.24409
305	505	20.24527
310	505	20.22997
315	505	20.245
320	505	20.24013
325	505	20.23763
330	505	20.23661
335	505	20.23734
340	505	20.22258
345	505	20.21779
350	505	20.22003
355	505	20.22566
360	505	20.22142
365	505	20.23234
370	505	20.23967
375	505	20.23178
380	505	20.23872
385	505	20.24291
390	505	20.23633
395	505	20.23125
400	505	20.24459
405	505	20.22202
410	505	20.2375
415	505	20.23536
420	505	20.22756
425	505	20.23946
430	505	20.2408
435	505	20.24508
440	505	20.24079
445	505	20.23746
450	505	20.24898
455	505	20.23159
460	505	20.23129

EM wavele nm	EX wavele nm	R1 MicroAmps
465	505	20.23801
470	505	20.24189
475	505	20.23341
480	505	20.24032
485	505	20.23993
490	505	20.2302
495	505	20.23784
500	505	20.2361
505	505	20.23126
510	505	20.24353
515	505	20.24127
520	505	20.2405
525	505	20.24156
530	505	20.24049
535	505	20.2443
540	505	20.24122
545	505	20.23229
550	505	20.22425
555	505	20.2209
560	505	20.22232
565	505	20.22555
570	505	20.23916
575	505	20.22203
580	505	20.23707
585	505	20.24185
590	505	20.22514
595	505	20.25067
600	505	20.23589
605	505	20.23907
610	505	20.24572
615	505	20.23018
620	505	20.24181
625	505	20.22964
630	505	20.24898
635	505	20.24453
640	505	20.239
645	505	20.22974
650	505	20.23305
655	505	20.25056
660	505	20.21612
665	505	20.23659
670	505	20.23984
675	505	20.23672
680	505	20.26153
685	505	20.26601
690	505	20.26563
695	505	20.25331
700	505	20.26516
705	505	20.25535
710	505	20.25782
715	505	20.25243
720	505	20.24455
725	505	20.23805
730	505	20.2537
735	505	20.24392
740	505	20.24175
745	505	20.24396
750	505	20.23345
755	505	20.22709
760	505	20.24073
765	505	20.24248
770	505	20.23886
775	505	20.24543
780	505	20.23955

EM wavele nm	EX wavele nm	R1 MicroAmps
785	505	20.24718
790	505	20.22931
795	505	20.2469
800	505	20.25237
805	505	20.23294
810	505	20.24479
815	505	20.22827
820	505	20.24689
825	505	20.24396
830	505	20.24044
835	505	20.25136
840	505	20.25607
845	505	20.25796
850	505	20.24663
855	505	20.24853
860	505	20.25901
865	505	20.24139
870	505	20.23807
875	505	20.24805
880	505	20.22853
885	505	20.24661
890	505	20.24016
895	505	20.24186
900	505	20.24872
905	505	20.23955
910	505	20.2411
915	505	20.23799
920	505	20.23407
925	505	20.23772
930	505	20.22872
935	505	20.23367
940	505	20.24116
945	505	20.22658
950	505	20.23275
955	505	20.24548
960	505	20.22491
965	505	20.23126
970	505	20.24615
975	505	20.24138
980	505	20.24583
985	505	20.25341
990	505	20.24741
995	505	20.24523
1000	505	20.24216
1005	505	20.24114
1010	505	20.23733
1015	505	20.23117
1020	505	20.24417
1025	505	20.22579
1030	505	20.23968
1035	505	20.24443
1040	505	20.24067
1045	505	20.24265
1050	505	20.24049
1055	505	20.2409
1060	505	20.24662
1065	505	20.22443
1070	505	20.22467
1075	505	20.239
1080	505	20.2437
1085	505	20.2424
1090	505	20.24426
1095	505	20.24171
1100	505	20.24457

EM wavele nm	EX wavele nm	R1 MicroAmps
1105	505	20.24884
1110	505	20.23364
1115	505	20.22946
1120	505	20.22539
1125	505	20.23233
1130	505	20.23436
1135	505	20.23564
1140	505	20.23534
1145	505	20.24952
1150	505	20.24108
0	510	20.13472
5	510	20.14828
10	510	20.13792
15	510	20.14618
20	510	20.12779
25	510	20.12658
30	510	20.13458
35	510	20.12873
40	510	20.12517
45	510	20.1275
50	510	20.12931
55	510	20.12427
60	510	20.13494
65	510	20.12181
70	510	20.12608
75	510	20.12287
80	510	20.12191
85	510	20.12655
90	510	20.11332
95	510	20.13309
100	510	20.12893
105	510	20.12935
110	510	20.12524
115	510	20.12946
120	510	20.1222
125	510	20.12808
130	510	20.13733
135	510	20.12814
140	510	20.13992
145	510	20.12959
150	510	20.12863
155	510	20.12783
160	510	20.14286
165	510	20.13623
170	510	20.13088
175	510	20.1341
180	510	20.12282
185	510	20.13026
190	510	20.10917
195	510	20.13166
200	510	20.12101
205	510	20.11192
210	510	20.12647
215	510	20.12124
220	510	20.12294
225	510	20.13521
230	510	20.13262
235	510	20.14468
240	510	20.1314
245	510	20.13544
250	510	20.13235
255	510	20.12245
260	510	20.11799
265	510	20.1199

EM wavele nm	EX wavele nm	R1 MicroAmps
270	510	20.11169
275	510	20.13564
280	510	20.11594
285	510	20.11732
290	510	20.12194
295	510	20.10896
300	510	20.10349
305	510	20.12356
310	510	20.11063
315	510	20.11865
320	510	20.11964
325	510	20.12514
330	510	20.11617
335	510	20.12005
340	510	20.11414
345	510	20.1091
350	510	20.09283
355	510	20.1102
360	510	20.10438
365	510	20.1037
370	510	20.12116
375	510	20.11937
380	510	20.1205
385	510	20.11652
390	510	20.12278
395	510	20.12234
400	510	20.12454
405	510	20.12219
410	510	20.12462
415	510	20.11598
420	510	20.12163
425	510	20.11559
430	510	20.11879
435	510	20.12235
440	510	20.11239
445	510	20.11079
450	510	20.11484
455	510	20.11032
460	510	20.11712
465	510	20.12255
470	510	20.12572
475	510	20.12332
480	510	20.1185
485	510	20.11997
490	510	20.12281
495	510	20.11972
500	510	20.13087
505	510	20.12426
510	510	20.12663
515	510	20.12938
520	510	20.13515
525	510	20.13473
530	510	20.12724
535	510	20.12961
540	510	20.12498
545	510	20.1262
550	510	20.12601
555	510	20.13044
560	510	20.11874
565	510	20.11841
570	510	20.1304
575	510	20.11904
580	510	20.11692
585	510	20.12043

EM wavele nm	EX wavele nm	R1 MicroAmps
590	510	20.11609
595	510	20.12072
600	510	20.11788
605	510	20.11743
610	510	20.1206
615	510	20.12135
620	510	20.1212
625	510	20.12246
630	510	20.11672
635	510	20.12139
640	510	20.1238
645	510	20.1197
650	510	20.11488
655	510	20.12023
660	510	20.10397
665	510	20.11527
670	510	20.11119
675	510	20.11756
680	510	20.11401
685	510	20.11438
690	510	20.11029
695	510	20.11556
700	510	20.11622
705	510	20.12144
710	510	20.12422
715	510	20.11187
720	510	20.11493
725	510	20.12019
730	510	20.12523
735	510	20.10163
740	510	20.1176
745	510	20.11902
750	510	20.11887
755	510	20.11816
760	510	20.11834
765	510	20.12555
770	510	20.12365
775	510	20.12207
780	510	20.11367
785	510	20.11171
790	510	20.10967
795	510	20.09768
800	510	20.0896
805	510	20.10382
810	510	20.09775
815	510	20.09507
820	510	20.11642
825	510	20.11191
830	510	20.11138
835	510	20.10129
840	510	20.11006
845	510	20.11656
850	510	20.08929
855	510	20.10283
860	510	20.09853
865	510	20.11487
870	510	20.10715
875	510	20.09766
880	510	20.11698
885	510	20.11471
890	510	20.11286
895	510	20.11496
900	510	20.10836
905	510	20.10689

EM wavele nm	EX wavele nm	R1 MicroAmps
910	510	20.10168
915	510	20.10888
920	510	20.1101
925	510	20.12019
930	510	20.11321
935	510	20.0976
940	510	20.1199
945	510	20.11201
950	510	20.11676
955	510	20.1144
960	510	20.11433
965	510	20.12553
970	510	20.12044
975	510	20.11245
980	510	20.12153
985	510	20.11446
990	510	20.12218
995	510	20.10745
1000	510	20.12904
1005	510	20.12012
1010	510	20.10809
1015	510	20.10486
1020	510	20.11744
1025	510	20.12047
1030	510	20.1218
1035	510	20.10592
1040	510	20.12985
1045	510	20.11608
1050	510	20.12064
1055	510	20.10839
1060	510	20.11208
1065	510	20.10895
1070	510	20.10993
1075	510	20.10146
1080	510	20.09798
1085	510	20.10955
1090	510	20.10468
1095	510	20.09448
1100	510	20.09322
1105	510	20.10643
1110	510	20.10675
1115	510	20.10354
1120	510	20.10741
1125	510	20.11056
1130	510	20.10051
1135	510	20.12611
1140	510	20.10266
1145	510	20.119
1150	510	20.10423
0	515	20.0281
5	515	20.04107
10	515	20.03911
15	515	20.03764
20	515	20.04361
25	515	20.02781
30	515	20.0335
35	515	20.0269
40	515	20.04184
45	515	20.02371
50	515	20.03588
55	515	20.02927
60	515	20.02907
65	515	20.03291
70	515	20.02706

EM wavele nm	EX wavele nm	R1 MicroAmps
75	515	20.04368
80	515	20.01765
85	515	20.04472
90	515	20.03586
95	515	20.03658
100	515	20.03541
105	515	20.0417
110	515	20.0278
115	515	20.03223
120	515	20.03738
125	515	20.04008
130	515	20.03475
135	515	20.03475
140	515	20.02939
145	515	20.02071
150	515	20.03079
155	515	20.01004
160	515	20.03253
165	515	20.01013
170	515	20.02692
175	515	20.02804
180	515	20.02733
185	515	20.04229
190	515	20.02584
195	515	20.03887
200	515	20.02977
205	515	20.0356
210	515	20.01452
215	515	20.02626
220	515	20.02704
225	515	20.01009
230	515	20.01855
235	515	20.02185
240	515	20.01545
245	515	20.02423
250	515	20.02883
255	515	20.02466
260	515	20.03352
265	515	20.02896
270	515	20.02727
275	515	20.01909
280	515	20.02919
285	515	20.02205
290	515	20.02949
295	515	20.02496
300	515	20.02499
305	515	20.02843
310	515	20.02737
315	515	20.03684
320	515	20.0344
325	515	20.03602
330	515	20.03158
335	515	20.02496
340	515	20.0301
345	515	20.02978
350	515	20.04379
355	515	20.02969
360	515	20.04401
365	515	20.0306
370	515	20.0348
375	515	20.0281
380	515	20.02616
385	515	20.02533
390	515	20.01709

EM wavele nm	EX wavele nm	R1 MicroAmps
395	515	20.0376
400	515	20.01446
405	515	20.03467
410	515	20.03478
415	515	20.02539
420	515	20.02143
425	515	20.02869
430	515	20.01938
435	515	20.02124
440	515	20.0301
445	515	20.01662
450	515	20.02234
455	515	20.01128
460	515	20.02172
465	515	20.02658
470	515	20.01993
475	515	20.04253
480	515	20.02476
485	515	20.03792
490	515	20.03122
495	515	20.02731
500	515	20.02356
505	515	20.03082
510	515	20.02815
515	515	20.02624
520	515	20.02002
525	515	20.03102
530	515	20.03893
535	515	20.02717
540	515	20.03484
545	515	20.03202
550	515	20.02063
555	515	20.03446
560	515	20.03186
565	515	20.03694
570	515	20.02822
575	515	20.03087
580	515	20.04442
585	515	20.02755
590	515	20.03538
595	515	20.04993
600	515	20.02956
605	515	20.03612
610	515	20.03076
615	515	20.0258
620	515	20.04895
625	515	20.02447
630	515	20.03249
635	515	20.04081
640	515	20.01647
645	515	20.02167
650	515	20.02276
655	515	20.01547
660	515	20.00906
665	515	20.02167
670	515	20.01956
675	515	20.01885
680	515	20.01806
685	515	20.02298
690	515	20.0252
695	515	20.01951
700	515	20.0186
705	515	20.01641
710	515	20.02792

EM wavele nm	EX wavele nm	R1 MicroAmps
715	515	20.01346
720	515	20.02824
725	515	20.02834
730	515	20.02094
735	515	20.01697
740	515	20.03167
745	515	20.03609
750	515	20.03393
755	515	20.0302
760	515	20.04345
765	515	20.04488
770	515	20.04789
775	515	20.0349
780	515	20.04237
785	515	20.05212
790	515	20.0301
795	515	20.03495
800	515	20.03985
805	515	20.04519
810	515	20.03634
815	515	20.02184
820	515	20.02631
825	515	20.02858
830	515	20.01653
835	515	20.0271
840	515	20.02502
845	515	20.02835
850	515	20.03332
855	515	20.03985
860	515	20.03719
865	515	20.03785
870	515	20.04263
875	515	20.02257
880	515	20.03651
885	515	20.0363
890	515	20.03186
895	515	20.03465
900	515	20.03686
905	515	20.03941
910	515	20.02662
915	515	20.02917
920	515	20.03024
925	515	20.01875
930	515	20.02471
935	515	20.01858
940	515	20.01327
945	515	20.02562
950	515	20.01452
955	515	20.01243
960	515	20.02279
965	515	20.02813
970	515	20.04384
975	515	20.02565
980	515	20.04014
985	515	20.03676
990	515	20.03131
995	515	20.03919
1000	515	20.02853
1005	515	20.04205
1010	515	20.04398
1015	515	20.0374
1020	515	20.03328
1025	515	20.04389
1030	515	20.03732

EM wavele nm	EX wavele nm	R1 MicroAmps
1035	515	20.0367
1040	515	20.0306
1045	515	20.02418
1050	515	20.0262
1055	515	20.02127
1060	515	20.01836
1065	515	20.02455
1070	515	20.03204
1075	515	20.03183
1080	515	20.02459
1085	515	20.02933
1090	515	20.02549
1095	515	20.03437
1100	515	20.0319
1105	515	20.04472
1110	515	20.03101
1115	515	20.02806
1120	515	20.0318
1125	515	20.03441
1130	515	20.02345
1135	515	20.02166
1140	515	20.01835
1145	515	20.0303
1150	515	20.02057
0	520	19.76593
5	520	19.76758
10	520	19.76893
15	520	19.77053
20	520	19.76107
25	520	19.76692
30	520	19.76905
35	520	19.75109
40	520	19.77499
45	520	19.7699
50	520	19.76378
55	520	19.77809
60	520	19.77545
65	520	19.77924
70	520	19.77957
75	520	19.77177
80	520	19.78398
85	520	19.77014
90	520	19.76726
95	520	19.78199
100	520	19.7692
105	520	19.76251
110	520	19.77825
115	520	19.77632
120	520	19.77462
125	520	19.78129
130	520	19.77211
135	520	19.78385
140	520	19.76912
145	520	19.78711
150	520	19.78205
155	520	19.76512
160	520	19.77828
165	520	19.76814
170	520	19.76347
175	520	19.76302
180	520	19.77377
185	520	19.77722
190	520	19.77303
195	520	19.77368

EM wavele nm	EX wavele nm	R1 MicroAmps
200	520	19.79124
205	520	19.75902
210	520	19.76613
215	520	19.7783
220	520	19.7661
225	520	19.7711
230	520	19.7763
235	520	19.76714
240	520	19.76641
245	520	19.75908
250	520	19.76516
255	520	19.7639
260	520	19.757
265	520	19.76465
270	520	19.7636
275	520	19.75185
280	520	19.75836
285	520	19.74769
290	520	19.74499
295	520	19.75483
300	520	19.75323
305	520	19.75197
310	520	19.75155
315	520	19.76626
320	520	19.75789
325	520	19.75033
330	520	19.76238
335	520	19.76975
340	520	19.74944
345	520	19.77321
350	520	19.76957
355	520	19.75662
360	520	19.7684
365	520	19.77184
370	520	19.76599
375	520	19.76624
380	520	19.77194
385	520	19.76038
390	520	19.76379
395	520	19.75505
400	520	19.76311
405	520	19.74914
410	520	19.75539
415	520	19.75498
420	520	19.73708
425	520	19.74651
430	520	19.74209
435	520	19.74507
440	520	19.76337
445	520	19.76138
450	520	19.77133
455	520	19.77399
460	520	19.77741
465	520	19.77415
470	520	19.77472
475	520	19.75898
480	520	19.77153
485	520	19.76439
490	520	19.77218
495	520	19.77229
500	520	19.75193
505	520	19.76242
510	520	19.76087
515	520	19.75353

EM wavele nm	EX wavele nm	R1 MicroAmps
520	520	19.75306
525	520	19.74016
530	520	19.76014
535	520	19.75442
540	520	19.74659
545	520	19.76536
550	520	19.76797
555	520	19.76081
560	520	19.77141
565	520	19.758
570	520	19.76254
575	520	19.76781
580	520	19.7488
585	520	19.77708
590	520	19.75133
595	520	19.76217
600	520	19.76617
605	520	19.74952
610	520	19.77139
615	520	19.75803
620	520	19.75164
625	520	19.75245
630	520	19.76092
635	520	19.75812
640	520	19.75462
645	520	19.75662
650	520	19.76366
655	520	19.75531
660	520	19.74534
665	520	19.76515
670	520	19.74894
675	520	19.74571
680	520	19.73314
685	520	19.73725
690	520	19.74223
695	520	19.73583
700	520	19.76349
705	520	19.7565
710	520	19.76717
715	520	19.75532
720	520	19.75959
725	520	19.75675
730	520	19.7563
735	520	19.75944
740	520	19.75786
745	520	19.75593
750	520	19.74815
755	520	19.75685
760	520	19.75109
765	520	19.75371
770	520	19.74027
775	520	19.75029
780	520	19.7653
785	520	19.7493
790	520	19.76806
795	520	19.76113
800	520	19.76459
805	520	19.77278
810	520	19.76359
815	520	19.76446
820	520	19.7679
825	520	19.76629
830	520	19.76523
835	520	19.75802

EM wavele nm	EX wavele nm	R1 MicroAmps
840	520	19.77287
845	520	19.76094
850	520	19.76477
855	520	19.75448
860	520	19.75359
865	520	19.76092
870	520	19.75649
875	520	19.76432
880	520	19.75866
885	520	19.76594
890	520	19.75855
895	520	19.74709
900	520	19.76421
905	520	19.76642
910	520	19.75461
915	520	19.75726
920	520	19.76585
925	520	19.76845
930	520	19.75325
935	520	19.76693
940	520	19.76993
945	520	19.76126
950	520	19.768
955	520	19.75784
960	520	19.77582
965	520	19.77859
970	520	19.76696
975	520	19.75968
980	520	19.76361
985	520	19.76212
990	520	19.76351
995	520	19.76035
1000	520	19.77013
1005	520	19.76634
1010	520	19.7627
1015	520	19.76595
1020	520	19.75839
1025	520	19.77268
1030	520	19.75741
1035	520	19.76492
1040	520	19.765
1045	520	19.77666
1050	520	19.76581
1055	520	19.76103
1060	520	19.76365
1065	520	19.76672
1070	520	19.7667
1075	520	19.76049
1080	520	19.76833
1085	520	19.75984
1090	520	19.75533
1095	520	19.77674
1100	520	19.77027
1105	520	19.76375
1110	520	19.76458
1115	520	19.76595
1120	520	19.78399
1125	520	19.76827
1130	520	19.78038
1135	520	19.77379
1140	520	19.76929
1145	520	19.78806
1150	520	19.77519
0	525	19.41659

EM wavele nm	EX wavele nm	R1 MicroAmps
5	525	19.413
10	525	19.41838
15	525	19.41584
20	525	19.41602
25	525	19.42255
30	525	19.42054
35	525	19.42726
40	525	19.42678
45	525	19.42871
50	525	19.42147
55	525	19.43426
60	525	19.4336
65	525	19.43103
70	525	19.43349
75	525	19.43611
80	525	19.42553
85	525	19.4234
90	525	19.42997
95	525	19.43238
100	525	19.41955
105	525	19.41404
110	525	19.42932
115	525	19.4081
120	525	19.41871
125	525	19.41639
130	525	19.40819
135	525	19.42345
140	525	19.41008
145	525	19.42445
150	525	19.4118
155	525	19.42955
160	525	19.42186
165	525	19.4361
170	525	19.41579
175	525	19.43002
180	525	19.42924
185	525	19.41913
190	525	19.42313
195	525	19.42802
200	525	19.4289
205	525	19.42019
210	525	19.42542
215	525	19.42722
220	525	19.42555
225	525	19.43002
230	525	19.43018
235	525	19.42155
240	525	19.43371
245	525	19.41875
250	525	19.41349
255	525	19.42751
260	525	19.41627
265	525	19.4235
270	525	19.40811
275	525	19.42364
280	525	19.41953
285	525	19.4142
290	525	19.41891
295	525	19.41773
300	525	19.41341
305	525	19.40827
310	525	19.4202
315	525	19.39508
320	525	19.4074

EM wavele nm	EX wavele nm	R1 MicroAmps
325	525	19.40219
330	525	19.41853
335	525	19.40917
340	525	19.41081
345	525	19.41978
350	525	19.41053
355	525	19.41822
360	525	19.41076
365	525	19.41978
370	525	19.40965
375	525	19.41117
380	525	19.41515
385	525	19.40241
390	525	19.41961
395	525	19.41198
400	525	19.41692
405	525	19.42329
410	525	19.41278
415	525	19.40766
420	525	19.41779
425	525	19.41684
430	525	19.43564
435	525	19.4233
440	525	19.42644
445	525	19.43272
450	525	19.4181
455	525	19.41767
460	525	19.41863
465	525	19.41489
470	525	19.40738
475	525	19.42279
480	525	19.4055
485	525	19.41562
490	525	19.41641
495	525	19.41124
500	525	19.41358
505	525	19.41466
510	525	19.41692
515	525	19.41224
520	525	19.42191
525	525	19.41672
530	525	19.42388
535	525	19.40509
540	525	19.41718
545	525	19.41117
550	525	19.40405
555	525	19.40068
560	525	19.40613
565	525	19.39211
570	525	19.39048
575	525	19.41208
580	525	19.39415
585	525	19.3972
590	525	19.4168
595	525	19.40555
600	525	19.41164
605	525	19.41425
610	525	19.4147
615	525	19.41515
620	525	19.41684
625	525	19.40988
630	525	19.41285
635	525	19.4079
640	525	19.42125

EM wavele nm	EX wavele nm	R1 MicroAmps
645	525	19.41811
650	525	19.40702
655	525	19.41609
660	525	19.40998
665	525	19.41607
670	525	19.42224
675	525	19.41569
680	525	19.42102
685	525	19.41315
690	525	19.42318
695	525	19.41425
700	525	19.41235
705	525	19.40973
710	525	19.41858
715	525	19.41488
720	525	19.40952
725	525	19.41522
730	525	19.4145
735	525	19.41889
740	525	19.4033
745	525	19.41221
750	525	19.41189
755	525	19.40934
760	525	19.40521
765	525	19.40114
770	525	19.40567
775	525	19.39607
780	525	19.4052
785	525	19.41559
790	525	19.42049
795	525	19.42287
800	525	19.41026
805	525	19.40895
810	525	19.40915
815	525	19.39692
820	525	19.40952
825	525	19.41062
830	525	19.4091
835	525	19.41792
840	525	19.40221
845	525	19.41439
850	525	19.40167
855	525	19.41442
860	525	19.40829
865	525	19.4133
870	525	19.42264
875	525	19.41536
880	525	19.41181
885	525	19.41325
890	525	19.39968
895	525	19.40901
900	525	19.40647
905	525	19.40112
910	525	19.41583
915	525	19.41063
920	525	19.41242
925	525	19.40901
930	525	19.40461
935	525	19.41936
940	525	19.39405
945	525	19.40632
950	525	19.40485
955	525	19.39348
960	525	19.39517

EM wavele nm	EX wavele nm	R1 MicroAmps
965	525	19.39512
970	525	19.41002
975	525	19.39838
980	525	19.41197
985	525	19.40054
990	525	19.42011
995	525	19.41528
1000	525	19.41411
1005	525	19.41816
1010	525	19.42365
1015	525	19.41582
1020	525	19.40758
1025	525	19.4159
1030	525	19.41845
1035	525	19.41585
1040	525	19.41009
1045	525	19.40811
1050	525	19.4097
1055	525	19.40563
1060	525	19.40383
1065	525	19.40349
1070	525	19.40124
1075	525	19.41085
1080	525	19.41144
1085	525	19.416
1090	525	19.41597
1095	525	19.41425
1100	525	19.41727
1105	525	19.41924
1110	525	19.4061
1115	525	19.4172
1120	525	19.40488
1125	525	19.42128
1130	525	19.41356
1135	525	19.4198
1140	525	19.40319
1145	525	19.41356
1150	525	19.41085
0	530	19.0395
5	530	19.04125
10	530	19.01566
15	530	19.04187
20	530	19.03616
25	530	19.03153
30	530	19.0389
35	530	19.03829
40	530	19.03317
45	530	19.03778
50	530	19.03164
55	530	19.03556
60	530	19.0308
65	530	19.03471
70	530	19.03951
75	530	19.02573
80	530	19.02672
85	530	19.02913
90	530	19.01814
95	530	19.03143
100	530	19.02863
105	530	19.02577
110	530	19.03443
115	530	19.03578
120	530	19.03416
125	530	19.03735

EM wavele nm	EX wavele nm	R1 MicroAmps
130	530	19.03467
135	530	19.04335
140	530	19.04797
145	530	19.04718
150	530	19.05072
155	530	19.04487
160	530	19.05595
165	530	19.04772
170	530	19.03759
175	530	19.02837
180	530	19.04575
185	530	19.02564
190	530	19.01975
195	530	19.04437
200	530	19.02051
205	530	19.02115
210	530	19.02297
215	530	19.01517
220	530	19.0247
225	530	19.02627
230	530	19.02543
235	530	19.02612
240	530	19.01562
245	530	19.02561
250	530	19.03035
255	530	19.02812
260	530	19.04363
265	530	19.04174
270	530	19.03803
275	530	19.03768
280	530	19.05234
285	530	19.05654
290	530	19.04057
295	530	19.04613
300	530	19.04466
305	530	19.04369
310	530	19.03783
315	530	19.0455
320	530	19.03899
325	530	19.04384
330	530	19.04732
335	530	19.04251
340	530	19.02857
345	530	19.04363
350	530	19.01903
355	530	19.0301
360	530	19.03557
365	530	19.02681
370	530	19.0372
375	530	19.03908
380	530	19.04327
385	530	19.03135
390	530	19.0476
395	530	19.04635
400	530	19.12353
405	530	19.11051
410	530	19.10976
415	530	19.09527
420	530	19.05872
425	530	19.04497
430	530	19.04018
435	530	19.04636
440	530	19.0318
445	530	19.03098

EM wavele nm	EX wavele nm	R1 MicroAmps
450	530	19.02874
455	530	19.03916
460	530	19.02686
465	530	19.03976
470	530	19.02876
475	530	19.03466
480	530	19.03912
485	530	19.02925
490	530	19.04717
495	530	19.03549
500	530	19.04925
505	530	19.03638
510	530	19.04302
515	530	19.02511
520	530	19.04541
525	530	19.03608
530	530	19.04706
535	530	19.02327
540	530	19.04808
545	530	19.04351
550	530	19.02902
555	530	19.0465
560	530	19.029
565	530	19.03674
570	530	19.02056
575	530	19.03468
580	530	19.02182
585	530	19.02959
590	530	19.01976
595	530	19.03254
600	530	19.0137
605	530	19.03664
610	530	19.0412
615	530	19.02543
620	530	19.04276
625	530	19.03693
630	530	19.04784
635	530	19.03383
640	530	19.03749
645	530	19.03948
650	530	19.03271
655	530	19.02558
660	530	19.02677
665	530	19.04157
670	530	19.01901
675	530	19.03285
680	530	19.0287
685	530	19.03054
690	530	19.02555
695	530	19.03046
700	530	19.03141
705	530	19.03273
710	530	19.05223
715	530	19.04297
720	530	19.04293
725	530	19.04805
730	530	19.02201
735	530	19.05188
740	530	19.03093
745	530	19.03086
750	530	19.04013
755	530	19.03156
760	530	19.05353
765	530	19.02175

EM wavele nm	EX wavele nm	R1 MicroAmps
770	530	19.03768
775	530	19.03161
780	530	19.02558
785	530	19.02964
790	530	19.02609
795	530	19.04073
800	530	19.02766
805	530	19.02642
810	530	19.02496
815	530	19.03845
820	530	19.04047
825	530	19.03643
830	530	19.04756
835	530	19.04048
840	530	19.04559
845	530	19.02765
850	530	19.02546
855	530	19.03848
860	530	19.0415
865	530	19.02846
870	530	19.02986
875	530	19.03631
880	530	19.03622
885	530	19.02499
890	530	19.04141
895	530	19.03439
900	530	19.04511
905	530	19.0379
910	530	19.04169
915	530	19.04126
920	530	19.03425
925	530	19.03303
930	530	19.03248
935	530	19.03955
940	530	19.04022
945	530	19.03615
950	530	19.01908
955	530	19.03514
960	530	19.0376
965	530	19.03307
970	530	19.03442
975	530	19.04131
980	530	19.03529
985	530	19.04591
990	530	19.02737
995	530	19.03577
1000	530	19.0448
1005	530	19.02882
1010	530	19.03489
1015	530	19.03522
1020	530	19.04144
1025	530	19.029
1030	530	19.03763
1035	530	19.03257
1040	530	19.03572
1045	530	19.04386
1050	530	19.03815
1055	530	19.03544
1060	530	19.03539
1065	530	19.0373
1070	530	19.04042
1075	530	19.0181
1080	530	19.03276
1085	530	19.02727

EM wavele nm	EX wavele nm	R1 MicroAmps
1090	530	19.03544
1095	530	19.02702
1100	530	19.02601
1105	530	19.03731
1110	530	19.04338
1115	530	19.02758
1120	530	19.03736
1125	530	19.0347
1130	530	19.04346
1135	530	19.039
1140	530	19.04411
1145	530	19.03306
1150	530	19.03102
0	535	18.65276
5	535	18.63975
10	535	18.65264
15	535	18.64943
20	535	18.66086
25	535	18.64505
30	535	18.65002
35	535	18.64739
40	535	18.63872
45	535	18.6446
50	535	18.64278
55	535	18.64858
60	535	18.63561
65	535	18.6423
70	535	18.64704
75	535	18.63489
80	535	18.65279
85	535	18.64209
90	535	18.63314
95	535	18.64407
100	535	18.64347
105	535	18.63425
110	535	18.64496
115	535	18.63681
120	535	18.64192
125	535	18.64673
130	535	18.64582
135	535	18.64997
140	535	18.65132
145	535	18.65416
150	535	18.6541
155	535	18.6475
160	535	18.63479
165	535	18.63817
170	535	18.62704
175	535	18.63594
180	535	18.63973
185	535	18.63434
190	535	18.64018
195	535	18.64623
200	535	18.64
205	535	18.63998
210	535	18.64168
215	535	18.63887
220	535	18.64582
225	535	18.6284
230	535	18.63887
235	535	18.64601
240	535	18.63058
245	535	18.65215
250	535	18.64304

EM wavele nm	EX wavele nm	R1 MicroAmps
255	535	18.64792
260	535	18.64117
265	535	18.65017
270	535	18.64747
275	535	18.64531
280	535	18.64318
285	535	18.64925
290	535	18.64151
295	535	18.6408
300	535	18.6507
305	535	18.63863
310	535	18.63785
315	535	18.63866
320	535	18.65021
325	535	18.63662
330	535	18.64054
335	535	18.6399
340	535	18.63739
345	535	18.63258
350	535	18.63623
355	535	18.63677
360	535	18.62811
365	535	18.63008
370	535	18.63701
375	535	18.61817
380	535	18.62127
385	535	18.63186
390	535	18.62872
395	535	18.62996
400	535	18.64944
405	535	18.68303
410	535	18.68115
415	535	18.67838
420	535	18.66921
425	535	18.66961
430	535	18.66065
435	535	18.65582
440	535	18.65333
445	535	18.6386
450	535	18.65014
455	535	18.6433
460	535	18.64001
465	535	18.6418
470	535	18.63661
475	535	18.62977
480	535	18.64052
485	535	18.63085
490	535	18.64623
495	535	18.64292
500	535	18.65324
505	535	18.65539
510	535	18.65314
515	535	18.65894
520	535	18.6507
525	535	18.65718
530	535	18.65487
535	535	18.64491
540	535	18.64314
545	535	18.6565
550	535	18.64699
555	535	18.64997
560	535	18.65539
565	535	18.65158
570	535	18.64551

EM wavele nm	EX wavele nm	R1 MicroAmps
575	535	18.66002
580	535	18.64316
585	535	18.65185
590	535	18.65139
595	535	18.64532
600	535	18.65998
605	535	18.63819
610	535	18.65534
615	535	18.66098
620	535	18.63646
625	535	18.64686
630	535	18.64822
635	535	18.64194
640	535	18.64157
645	535	18.64212
650	535	18.64938
655	535	18.6425
660	535	18.66562
665	535	18.66104
670	535	18.65456
675	535	18.65311
680	535	18.65511
685	535	18.65624
690	535	18.6676
695	535	18.65307
700	535	18.65852
705	535	18.65375
710	535	18.65453
715	535	18.65183
720	535	18.65181
725	535	18.66731
730	535	18.64581
735	535	18.659
740	535	18.65266
745	535	18.64628
750	535	18.65512
755	535	18.63802
760	535	18.65342
765	535	18.65925
770	535	18.64475
775	535	18.64954
780	535	18.65674
785	535	18.65393
790	535	18.64999
795	535	18.65555
800	535	18.66892
805	535	18.6626
810	535	18.66099
815	535	18.65787
820	535	18.65646
825	535	18.66908
830	535	18.66036
835	535	18.65121
840	535	18.66691
845	535	18.66129
850	535	18.65566
855	535	18.65336
860	535	18.65193
865	535	18.65508
870	535	18.64828
875	535	18.64793
880	535	18.64448
885	535	18.66154
890	535	18.6504

EM wavele nm	EX wavele nm	R1 MicroAmps
895	535	18.64237
900	535	18.64201
905	535	18.64717
910	535	18.6393
915	535	18.64409
920	535	18.64525
925	535	18.65099
930	535	18.64377
935	535	18.6505
940	535	18.64255
945	535	18.64646
950	535	18.6518
955	535	18.64263
960	535	18.64933
965	535	18.64608
970	535	18.64947
975	535	18.64715
980	535	18.65945
985	535	18.65889
990	535	18.65344
995	535	18.6599
1000	535	18.6554
1005	535	18.65508
1010	535	18.64972
1015	535	18.64122
1020	535	18.64463
1025	535	18.65766
1030	535	18.64175
1035	535	18.662
1040	535	18.64823
1045	535	18.66116
1050	535	18.65798
1055	535	18.64443
1060	535	18.65641
1065	535	18.65217
1070	535	18.65048
1075	535	18.66192
1080	535	18.64745
1085	535	18.65614
1090	535	18.65201
1095	535	18.65773
1100	535	18.65178
1105	535	18.65263
1110	535	18.63741
1115	535	18.65708
1120	535	18.64293
1125	535	18.64853
1130	535	18.65254
1135	535	18.65726
1140	535	18.65124
1145	535	18.65386
1150	535	18.64378
0	540	18.31377
5	540	18.31499
10	540	18.31704
15	540	18.31136
20	540	18.30847
25	540	18.3182
30	540	18.30735
35	540	18.31491
40	540	18.30535
45	540	18.32171
50	540	18.31207
55	540	18.30226

EM wavele nm	EX wavele nm	R1 MicroAmps
60	540	18.32974
65	540	18.30334
70	540	18.31724
75	540	18.3146
80	540	18.31088
85	540	18.30779
90	540	18.31174
95	540	18.31171
100	540	18.31923
105	540	18.31501
110	540	18.30938
115	540	18.30982
120	540	18.30841
125	540	18.31122
130	540	18.31455
135	540	18.30076
140	540	18.32407
145	540	18.30995
150	540	18.31523
155	540	18.31569
160	540	18.31195
165	540	18.31966
170	540	18.32291
175	540	18.31371
180	540	18.32402
185	540	18.32172
190	540	18.30952
195	540	18.31869
200	540	18.30886
205	540	18.31853
210	540	18.31954
215	540	18.3123
220	540	18.30813
225	540	18.30773
230	540	18.30977
235	540	18.30737
240	540	18.29853
245	540	18.30583
250	540	18.30534
255	540	18.29467
260	540	18.3081
265	540	18.31375
270	540	18.292
275	540	18.31506
280	540	18.30539
285	540	18.30685
290	540	18.31708
295	540	18.30923
300	540	18.32317
305	540	18.30574
310	540	18.30967
315	540	18.31436
320	540	18.31476
325	540	18.29869
330	540	18.32009
335	540	18.31262
340	540	18.30114
345	540	18.32543
350	540	18.29981
355	540	18.30454
360	540	18.30312
365	540	18.29845
370	540	18.31314
375	540	18.30464

EM wavele nm	EX wavele nm	R1 MicroAmps
380	540	18.32134
385	540	18.31536
390	540	18.31085
395	540	18.30371
400	540	18.31782
405	540	18.30121
410	540	18.30539
415	540	18.30525
420	540	18.30487
425	540	18.30622
430	540	18.31362
435	540	18.31783
440	540	18.31522
445	540	18.31907
450	540	18.31986
455	540	18.31362
460	540	18.30983
465	540	18.31448
470	540	18.31077
475	540	18.30913
480	540	18.30746
485	540	18.31779
490	540	18.32232
495	540	18.30652
500	540	18.31352
505	540	18.31225
510	540	18.31022
515	540	18.30604
520	540	18.31752
525	540	18.3026
530	540	18.30572
535	540	18.29932
540	540	18.31144
545	540	18.30194
550	540	18.30759
555	540	18.30704
560	540	18.30926
565	540	18.32062
570	540	18.32337
575	540	18.31375
580	540	18.31043
585	540	18.31553
590	540	18.31126
595	540	18.34766
600	540	18.33671
605	540	18.33079
610	540	18.32698
615	540	18.31852
620	540	18.32982
625	540	18.32082
630	540	18.31894
635	540	18.32095
640	540	18.31623
645	540	18.31859
650	540	18.32093
655	540	18.32336
660	540	18.31514
665	540	18.31353
670	540	18.31267
675	540	18.32889
680	540	18.31636
685	540	18.30821
690	540	18.31517
695	540	18.30679

EM wavele nm	EX wavele nm	R1 MicroAmps
700	540	18.31546
705	540	18.30563
710	540	18.3116
715	540	18.31458
720	540	18.3041
725	540	18.32055
730	540	18.30428
735	540	18.31548
740	540	18.32019
745	540	18.31478
750	540	18.32344
755	540	18.32086
760	540	18.33084
765	540	18.32903
770	540	18.32777
775	540	18.33333
780	540	18.31862
785	540	18.32205
790	540	18.32727
795	540	18.31911
800	540	18.32811
805	540	18.32169
810	540	18.31871
815	540	18.33073
820	540	18.31301
825	540	18.32176
830	540	18.31498
835	540	18.30916
840	540	18.31675
845	540	18.31659
850	540	18.32424
855	540	18.32123
860	540	18.31801
865	540	18.31012
870	540	18.31698
875	540	18.32165
880	540	18.30641
885	540	18.30211
890	540	18.317
895	540	18.31016
900	540	18.32037
905	540	18.3174
910	540	18.32464
915	540	18.32296
920	540	18.31352
925	540	18.31847
930	540	18.30926
935	540	18.32445
940	540	18.31144
945	540	18.30624
950	540	18.3222
955	540	18.31765
960	540	18.31975
965	540	18.31103
970	540	18.32616
975	540	18.3146
980	540	18.30589
985	540	18.319
990	540	18.30815
995	540	18.31209
1000	540	18.31173
1005	540	18.30325
1010	540	18.30473
1015	540	18.31017

EM wavele nm	EX wavele nm	R1 MicroAmps
1020	540	18.29983
1025	540	18.29941
1030	540	18.30599
1035	540	18.3057
1040	540	18.29731
1045	540	18.30985
1050	540	18.31858
1055	540	18.30645
1060	540	18.31039
1065	540	18.31001
1070	540	18.30968
1075	540	18.31831
1080	540	18.3101
1085	540	18.30985
1090	540	18.30142
1095	540	18.31579
1100	540	18.32408
1105	540	18.32043
1110	540	18.3116
1115	540	18.3113
1120	540	18.31569
1125	540	18.32255
1130	540	18.31216
1135	540	18.31925
1140	540	18.31492
1145	540	18.3282
1150	540	18.31793
0	545	17.99063
5	545	17.99527
10	545	17.99955
15	545	17.99058
20	545	17.99686
25	545	17.98566
30	545	17.98349
35	545	17.99381
40	545	17.98114
45	545	17.9798
50	545	17.98692
55	545	17.9851
60	545	17.98708
65	545	17.98924
70	545	17.9858
75	545	17.99215
80	545	18.01315
85	545	18.01475
90	545	18.00707
95	545	18.01109
100	545	18.00736
105	545	18.01162
110	545	17.99933
115	545	17.99417
120	545	17.9995
125	545	17.99084
130	545	17.98824
135	545	17.97834
140	545	17.97679
145	545	17.96622
150	545	17.9636
155	545	17.9673
160	545	17.96793
165	545	17.95466
170	545	17.96865
175	545	17.96152
180	545	17.96484

EM wavele nm	EX wavele nm	R1 MicroAmps
185	545	17.97152
190	545	17.94864
195	545	17.98248
200	545	17.96825
205	545	17.97438
210	545	17.99239
215	545	17.98134
220	545	17.98725
225	545	17.9947
230	545	18.00244
235	545	17.98405
240	545	17.98652
245	545	17.98592
250	545	17.98958
255	545	17.96769
260	545	17.97645
265	545	17.99013
270	545	17.9791
275	545	17.98014
280	545	17.98922
285	545	17.98504
290	545	17.99096
295	545	17.99294
300	545	17.97934
305	545	17.99285
310	545	17.99538
315	545	17.99019
320	545	17.99736
325	545	17.98962
330	545	17.98957
335	545	18.00123
340	545	17.99118
345	545	17.99313
350	545	17.99856
355	545	17.98354
360	545	17.98801
365	545	17.99367
370	545	17.98512
375	545	17.9964
380	545	17.99492
385	545	17.99949
390	545	17.99899
395	545	17.99025
400	545	17.99209
405	545	17.99292
410	545	17.98807
415	545	17.98933
420	545	18.00047
425	545	17.98931
430	545	17.99563
435	545	17.98837
440	545	17.99319
445	545	17.98913
450	545	17.9927
455	545	18.00016
460	545	17.98529
465	545	17.99103
470	545	17.99003
475	545	18.00003
480	545	17.98651
485	545	17.9853
490	545	17.99675
495	545	17.98899
500	545	17.9828

EM wavele nm	EX wavele nm	R1 MicroAmps
505	545	17.98844
510	545	17.99098
515	545	17.9812
520	545	17.99386
525	545	17.98018
530	545	17.98542
535	545	17.98138
540	545	17.98682
545	545	17.97729
550	545	17.97995
555	545	17.97423
560	545	17.97301
565	545	17.97382
570	545	17.96685
575	545	17.98077
580	545	17.98082
585	545	17.98541
590	545	17.98112
595	545	17.98431
600	545	17.98562
605	545	17.97961
610	545	17.99182
615	545	17.99019
620	545	17.97775
625	545	17.99086
630	545	17.98999
635	545	17.99389
640	545	17.99634
645	545	17.98892
650	545	17.98354
655	545	17.98355
660	545	17.97299
665	545	17.98271
670	545	17.9814
675	545	17.98312
680	545	17.98117
685	545	17.98569
690	545	17.98841
695	545	17.98077
700	545	17.98355
705	545	17.97709
710	545	17.97968
715	545	17.98421
720	545	17.96932
725	545	17.98222
730	545	17.97721
735	545	17.95951
740	545	17.98442
745	545	17.97741
750	545	17.97174
755	545	17.98233
760	545	17.98846
765	545	17.98785
770	545	17.97908
775	545	17.98425
780	545	17.97964
785	545	17.9821
790	545	17.98943
795	545	17.95908
800	545	17.97891
805	545	17.98162
810	545	17.96596
815	545	17.98619
820	545	17.99062

EM wavele nm	EX wavele nm	R1 MicroAmps
825	545	17.99094
830	545	17.99407
835	545	18.00559
840	545	17.99277
845	545	18.00231
850	545	17.99591
855	545	17.9911
860	545	17.99444
865	545	17.99976
870	545	17.98616
875	545	17.98155
880	545	17.98978
885	545	17.98835
890	545	17.98742
895	545	17.98256
900	545	17.98857
905	545	17.9955
910	545	17.98399
915	545	17.9944
920	545	17.98286
925	545	17.99725
930	545	17.98772
935	545	17.9829
940	545	17.99559
945	545	17.98409
950	545	17.99182
955	545	17.99869
960	545	17.99741
965	545	18.01062
970	545	18.00347
975	545	18.01002
980	545	18.00801
985	545	18.01051
990	545	18.00219
995	545	17.9989
1000	545	18.01204
1005	545	18.00391
1010	545	17.99732
1015	545	17.99847
1020	545	17.99394
1025	545	18.00561
1030	545	17.98743
1035	545	17.9994
1040	545	17.98872
1045	545	17.99897
1050	545	18.00279
1055	545	17.98299
1060	545	17.98647
1065	545	17.98529
1070	545	17.98489
1075	545	17.99119
1080	545	17.98033
1085	545	17.98711
1090	545	17.98638
1095	545	17.99057
1100	545	17.99375
1105	545	17.99666
1110	545	18.00169
1115	545	18.01111
1120	545	17.99721
1125	545	17.98167
1130	545	17.99022
1135	545	17.98239
1140	545	17.99081

EM wavele nm	EX wavele nm	R1 MicroAmps
1145	545	17.97847
1150	545	17.98374
0	550	17.55906
5	550	17.55712
10	550	17.55266
15	550	17.5578
20	550	17.55306
25	550	17.57023
30	550	17.56352
35	550	17.56378
40	550	17.57212
45	550	17.55527
50	550	17.55632
55	550	17.56529
60	550	17.56681
65	550	17.55464
70	550	17.56385
75	550	17.56452
80	550	17.56035
85	550	17.56789
90	550	17.57292
95	550	17.56589
100	550	17.56684
105	550	17.56502
110	550	17.573
115	550	17.56898
120	550	17.56574
125	550	17.57106
130	550	17.56847
135	550	17.57033
140	550	17.56976
145	550	17.58582
150	550	17.58183
155	550	17.57936
160	550	17.58413
165	550	17.56946
170	550	17.56952
175	550	17.57633
180	550	17.55786
185	550	17.56177
190	550	17.56846
195	550	17.56212
200	550	17.57068
205	550	17.56805
210	550	17.56472
215	550	17.57401
220	550	17.57412
225	550	17.56881
230	550	17.57875
235	550	17.57053
240	550	17.57444
245	550	17.57693
250	550	17.5678
255	550	17.57992
260	550	17.57128
265	550	17.56372
270	550	17.57803
275	550	17.57627
280	550	17.57379
285	550	17.57871
290	550	17.57211
295	550	17.58191
300	550	17.57361
305	550	17.57016

EM wavele nm	EX wavele nm	R1 MicroAmps
310	550	17.57597
315	550	17.56955
320	550	17.5717
325	550	17.57241
330	550	17.56658
335	550	17.57471
340	550	17.57387
345	550	17.57374
350	550	17.5769
355	550	17.57746
360	550	17.57709
365	550	17.5803
370	550	17.57988
375	550	17.57615
380	550	17.58009
385	550	17.56763
390	550	17.57851
395	550	17.57567
400	550	17.56917
405	550	17.57754
410	550	17.58028
415	550	17.58108
420	550	17.57953
425	550	17.58057
430	550	17.57633
435	550	17.56658
440	550	17.56705
445	550	17.56403
450	550	17.56218
455	550	17.55894
460	550	17.56528
465	550	17.55865
470	550	17.56648
475	550	17.5697
480	550	17.56751
485	550	17.56029
490	550	17.56617
495	550	17.55798
500	550	17.56666
505	550	17.56595
510	550	17.55225
515	550	17.55572
520	550	17.55935
525	550	17.56721
530	550	17.56247
535	550	17.56284
540	550	17.57299
545	550	17.56714
550	550	17.56666
555	550	17.56794
560	550	17.56941
565	550	17.56151
570	550	17.57159
575	550	17.56614
580	550	17.56505
585	550	17.56537
590	550	17.56404
595	550	17.566
600	550	17.55891
605	550	17.56482
610	550	17.56384
615	550	17.56557
620	550	17.55817
625	550	17.56111

EM wavele nm	EX wavele nm	R1 MicroAmps
630	550	17.56701
635	550	17.56717
640	550	17.56112
645	550	17.57222
650	550	17.56731
655	550	17.56248
660	550	17.57361
665	550	17.57159
670	550	17.57567
675	550	17.56958
680	550	17.57008
685	550	17.57276
690	550	17.56649
695	550	17.56004
700	550	17.57431
705	550	17.56846
710	550	17.55568
715	550	17.56521
720	550	17.56033
725	550	17.55828
730	550	17.55268
735	550	17.55792
740	550	17.55542
745	550	17.55899
750	550	17.57164
755	550	17.56171
760	550	17.56461
765	550	17.5626
770	550	17.55406
775	550	17.56637
780	550	17.55685
785	550	17.54856
790	550	17.55447
795	550	17.55375
800	550	17.56347
805	550	17.5493
810	550	17.57592
815	550	17.55529
820	550	17.57423
825	550	17.56797
830	550	17.55745
835	550	17.57109
840	550	17.5684
845	550	17.56353
850	550	17.5602
855	550	17.56565
860	550	17.56352
865	550	17.55658
870	550	17.55155
875	550	17.55542
880	550	17.54811
885	550	17.55806
890	550	17.54487
895	550	17.55941
900	550	17.55902
905	550	17.56074
910	550	17.55791
915	550	17.56244
920	550	17.56475
925	550	17.56194
930	550	17.56196
935	550	17.5673
940	550	17.57658
945	550	17.56461

EM wavele nm	EX wavele nm	R1 MicroAmps
950	550	17.56486
955	550	17.56384
960	550	17.56297
965	550	17.5594
970	550	17.54794
975	550	17.54951
980	550	17.5603
985	550	17.55764
990	550	17.55773
995	550	17.55443
1000	550	17.56735
1005	550	17.56221
1010	550	17.56305
1015	550	17.57331
1020	550	17.56933
1025	550	17.56585
1030	550	17.56127
1035	550	17.55274
1040	550	17.56061
1045	550	17.55518
1050	550	17.54321
1055	550	17.55907
1060	550	17.55654
1065	550	17.55162
1070	550	17.53872
1075	550	17.56234
1080	550	17.56219
1085	550	17.55542
1090	550	17.55532
1095	550	17.5647
1100	550	17.55225
1105	550	17.55894
1110	550	17.56212
1115	550	17.55801
1120	550	17.56322
1125	550	17.5616
1130	550	17.5743
1135	550	17.57396
1140	550	17.55986
1145	550	17.56171
1150	550	17.55797
0	555	17.14972
5	555	17.14715
10	555	17.15413
15	555	17.1428
20	555	17.15045
25	555	17.15138
30	555	17.14297
35	555	17.15956
40	555	17.1506
45	555	17.14881
50	555	17.15702
55	555	17.15114
60	555	17.15034
65	555	17.15292
70	555	17.14707
75	555	17.15938
80	555	17.15952
85	555	17.15825
90	555	17.16202
95	555	17.15236
100	555	17.15514
105	555	17.16104
110	555	17.14325

EM wavele nm	EX wavele nm	R1 MicroAmps
115	555	17.15522
120	555	17.15141
125	555	17.13892
130	555	17.15653
135	555	17.15551
140	555	17.14973
145	555	17.15743
150	555	17.14712
155	555	17.1513
160	555	17.15417
165	555	17.14862
170	555	17.16674
175	555	17.13993
180	555	17.15571
185	555	17.15229
190	555	17.12596
195	555	17.15058
200	555	17.13873
205	555	17.13371
210	555	17.13921
215	555	17.15207
220	555	17.14474
225	555	17.14796
230	555	17.14044
235	555	17.15804
240	555	17.14042
245	555	17.13447
250	555	17.15457
255	555	17.13676
260	555	17.14315
265	555	17.15447
270	555	17.15293
275	555	17.13753
280	555	17.15041
285	555	17.14203
290	555	17.14485
295	555	17.14407
300	555	17.13963
305	555	17.15542
310	555	17.14404
315	555	17.1597
320	555	17.15475
325	555	17.15396
330	555	17.14038
335	555	17.16
340	555	17.14811
345	555	17.1527
350	555	17.14744
355	555	17.14571
360	555	17.15316
365	555	17.14143
370	555	17.16027
375	555	17.15325
380	555	17.15045
385	555	17.15286
390	555	17.1596
395	555	17.14956
400	555	17.14884
405	555	17.15616
410	555	17.156
415	555	17.14987
420	555	17.14527
425	555	17.1493
430	555	17.14416

EM wavele nm	EX wavele nm	R1 MicroAmps
435	555	17.15447
440	555	17.15706
445	555	17.16458
450	555	17.1537
455	555	17.15713
460	555	17.17086
465	555	17.15706
470	555	17.16294
475	555	17.15655
480	555	17.16112
485	555	17.15106
490	555	17.16646
495	555	17.15602
500	555	17.15839
505	555	17.15243
510	555	17.15044
515	555	17.15998
520	555	17.1467
525	555	17.15893
530	555	17.15569
535	555	17.1514
540	555	17.15528
545	555	17.1444
550	555	17.15189
555	555	17.14844
560	555	17.14434
565	555	17.14437
570	555	17.14933
575	555	17.15436
580	555	17.15052
585	555	17.16286
590	555	17.14929
595	555	17.15668
600	555	17.14908
605	555	17.14948
610	555	17.14309
615	555	17.13277
620	555	17.14591
625	555	17.1342
630	555	17.14238
635	555	17.14378
640	555	17.13655
645	555	17.13866
650	555	17.14398
655	555	17.14901
660	555	17.13283
665	555	17.14603
670	555	17.1542
675	555	17.1475
680	555	17.15329
685	555	17.15159
690	555	17.16247
695	555	17.14945
700	555	17.14805
705	555	17.14859
710	555	17.15199
715	555	17.1949
720	555	17.18266
725	555	17.17997
730	555	17.17493
735	555	17.15757
740	555	17.16815
745	555	17.16319
750	555	17.16119

EM wavele nm	EX wavele nm	R1 MicroAmps
755	555	17.1684
760	555	17.16216
765	555	17.17426
770	555	17.16784
775	555	17.1555
780	555	17.17029
785	555	17.16978
790	555	17.16277
795	555	17.15999
800	555	17.16027
805	555	17.1544
810	555	17.1556
815	555	17.15855
820	555	17.15527
825	555	17.15654
830	555	17.15713
835	555	17.16314
840	555	17.15836
845	555	17.17341
850	555	17.15381
855	555	17.1602
860	555	17.16547
865	555	17.15088
870	555	17.15511
875	555	17.15845
880	555	17.15897
885	555	17.16048
890	555	17.1612
895	555	17.16569
900	555	17.16372
905	555	17.16805
910	555	17.16462
915	555	17.15759
920	555	17.16265
925	555	17.15982
930	555	17.16325
935	555	17.15513
940	555	17.1717
945	555	17.16514
950	555	17.16419
955	555	17.16528
960	555	17.16109
965	555	17.16491
970	555	17.1582
975	555	17.1583
980	555	17.15693
985	555	17.16041
990	555	17.1682
995	555	17.15733
1000	555	17.16298
1005	555	17.16447
1010	555	17.1519
1015	555	17.16033
1020	555	17.15473
1025	555	17.15948
1030	555	17.16413
1035	555	17.15678
1040	555	17.16887
1045	555	17.16862
1050	555	17.16913
1055	555	17.16274
1060	555	17.15968
1065	555	17.17671
1070	555	17.16779

EM wavele nm	EX wavele nm	R1 MicroAmps
1075	555	17.16424
1080	555	17.16287
1085	555	17.14859
1090	555	17.159
1095	555	17.15159
1100	555	17.15431
1105	555	17.14896
1110	555	17.14184
1115	555	17.15535
1120	555	17.14883
1125	555	17.15811
1130	555	17.13891
1135	555	17.14416
1140	555	17.14524
1145	555	17.15088
1150	555	17.14219
0	560	16.71335
5	560	16.70455
10	560	16.70514
15	560	16.70698
20	560	16.69573
25	560	16.70533
30	560	16.70084
35	560	16.70268
40	560	16.70681
45	560	16.705
50	560	16.71171
55	560	16.71333
60	560	16.70692
65	560	16.71132
70	560	16.71204
75	560	16.71191
80	560	16.71442
85	560	16.70093
90	560	16.70622
95	560	16.71275
100	560	16.70659
105	560	16.71194
110	560	16.71157
115	560	16.7077
120	560	16.71828
125	560	16.71397
130	560	16.71179
135	560	16.71981
140	560	16.72189
145	560	16.7171
150	560	16.71751
155	560	16.71238
160	560	16.70699
165	560	16.69313
170	560	16.69626
175	560	16.70372
180	560	16.70741
185	560	16.70412
190	560	16.70484
195	560	16.70881
200	560	16.7092
205	560	16.71169
210	560	16.7103
215	560	16.70764
220	560	16.71303
225	560	16.71303
230	560	16.70691
235	560	16.71868

EM wavele nm	EX wavele nm	R1 MicroAmps
240	560	16.70571
245	560	16.69912
250	560	16.71614
255	560	16.711
260	560	16.70007
265	560	16.70811
270	560	16.7073
275	560	16.70285
280	560	16.71165
285	560	16.70835
290	560	16.71164
295	560	16.70818
300	560	16.70697
305	560	16.71314
310	560	16.69219
315	560	16.70615
320	560	16.71012
325	560	16.70888
330	560	16.70841
335	560	16.71491
340	560	16.69941
345	560	16.70282
350	560	16.7104
355	560	16.69327
360	560	16.70298
365	560	16.7005
370	560	16.71087
375	560	16.69996
380	560	16.69927
385	560	16.70793
390	560	16.69971
395	560	16.70413
400	560	16.69967
405	560	16.70632
410	560	16.69569
415	560	16.70394
420	560	16.7111
425	560	16.70481
430	560	16.70692
435	560	16.71392
440	560	16.71051
445	560	16.70905
450	560	16.71825
455	560	16.70581
460	560	16.71157
465	560	16.71019
470	560	16.7033
475	560	16.7055
480	560	16.70007
485	560	16.70415
490	560	16.70489
495	560	16.69878
500	560	16.69751
505	560	16.69439
510	560	16.7016
515	560	16.70683
520	560	16.71418
525	560	16.70546
530	560	16.71613
535	560	16.7212
540	560	16.71703
545	560	16.7252
550	560	16.71422
555	560	16.72827

EM wavele nm	EX wavele nm	R1 MicroAmps
560	560	16.71315
565	560	16.71357
570	560	16.7208
575	560	16.70282
580	560	16.71467
585	560	16.70884
590	560	16.70681
595	560	16.71252
600	560	16.71824
605	560	16.71394
610	560	16.72262
615	560	16.70639
620	560	16.72432
625	560	16.71554
630	560	16.7044
635	560	16.71681
640	560	16.7093
645	560	16.70693
650	560	16.70122
655	560	16.70674
660	560	16.71429
665	560	16.70764
670	560	16.70929
675	560	16.71764
680	560	16.71565
685	560	16.71725
690	560	16.71598
695	560	16.71383
700	560	16.71501
705	560	16.71196
710	560	16.70795
715	560	16.70731
720	560	16.70119
725	560	16.70008
730	560	16.70703
735	560	16.69262
740	560	16.69504
745	560	16.70301
750	560	16.71308
755	560	16.69953
760	560	16.71043
765	560	16.70875
770	560	16.71097
775	560	16.71163
780	560	16.70368
785	560	16.71535
790	560	16.71169
795	560	16.70891
800	560	16.70537
805	560	16.70354
810	560	16.70664
815	560	16.69917
820	560	16.70336
825	560	16.70783
830	560	16.70042
835	560	16.70649
840	560	16.71366
845	560	16.70969
850	560	16.71862
855	560	16.70899
860	560	16.71317
865	560	16.71311
870	560	16.71505
875	560	16.71008

EM wavele nm	EX wavele nm	R1 MicroAmps
880	560	16.70621
885	560	16.7172
890	560	16.71273
895	560	16.71308
900	560	16.71103
905	560	16.71318
910	560	16.71186
915	560	16.70653
920	560	16.71091
925	560	16.70883
930	560	16.6934
935	560	16.69709
940	560	16.70066
945	560	16.7047
950	560	16.70007
955	560	16.70615
960	560	16.70807
965	560	16.71373
970	560	16.70339
975	560	16.70439
980	560	16.70859
985	560	16.70655
990	560	16.70397
995	560	16.69849
1000	560	16.69745
1005	560	16.70556
1010	560	16.71716
1015	560	16.69388
1020	560	16.70836
1025	560	16.70291
1030	560	16.71246
1035	560	16.70662
1040	560	16.7078
1045	560	16.7014
1050	560	16.70715
1055	560	16.70786
1060	560	16.70817
1065	560	16.70909
1070	560	16.70987
1075	560	16.70699
1080	560	16.70981
1085	560	16.70413
1090	560	16.7008
1095	560	16.71675
1100	560	16.70441
1105	560	16.71011
1110	560	16.70736
1115	560	16.70689
1120	560	16.71784
1125	560	16.70896
1130	560	16.7069
1135	560	16.7061
1140	560	16.701
1145	560	16.71325
1150	560	16.70486
0	565	16.29902
5	565	16.30941
10	565	16.30528
15	565	16.31007
20	565	16.31235
25	565	16.30608
30	565	16.3124
35	565	16.30797
40	565	16.31187

EM wavele nm	EX wavele nm	R1 MicroAmps
45	565	16.29724
50	565	16.30137
55	565	16.31456
60	565	16.29662
65	565	16.30981
70	565	16.30577
75	565	16.30651
80	565	16.29698
85	565	16.3078
90	565	16.31243
95	565	16.29838
100	565	16.30292
105	565	16.30726
110	565	16.3025
115	565	16.30493
120	565	16.31301
125	565	16.30425
130	565	16.30788
135	565	16.30681
140	565	16.30781
145	565	16.30414
150	565	16.30197
155	565	16.31043
160	565	16.30334
165	565	16.30138
170	565	16.30888
175	565	16.30797
180	565	16.30662
185	565	16.31133
190	565	16.31105
195	565	16.31285
200	565	16.31274
205	565	16.30958
210	565	16.31228
215	565	16.30954
220	565	16.31276
225	565	16.30974
230	565	16.31288
235	565	16.3152
240	565	16.31366
245	565	16.31299
250	565	16.31554
255	565	16.31566
260	565	16.30752
265	565	16.31522
270	565	16.31063
275	565	16.29953
280	565	16.31249
285	565	16.29878
290	565	16.30783
295	565	16.30551
300	565	16.30254
305	565	16.32224
310	565	16.30277
315	565	16.31163
320	565	16.30522
325	565	16.3022
330	565	16.2996
335	565	16.30963
340	565	16.30151
345	565	16.301
350	565	16.31721
355	565	16.30252
360	565	16.31067

EM wavele nm	EX wavele nm	R1 MicroAmps
365	565	16.30308
370	565	16.30829
375	565	16.30832
380	565	16.30931
385	565	16.3108
390	565	16.31919
395	565	16.306
400	565	16.3163
405	565	16.31495
410	565	16.30382
415	565	16.3225
420	565	16.31203
425	565	16.30242
430	565	16.30207
435	565	16.31011
440	565	16.29875
445	565	16.30998
450	565	16.29548
455	565	16.30412
460	565	16.29571
465	565	16.30553
470	565	16.31633
475	565	16.29598
480	565	16.3167
485	565	16.30699
490	565	16.29859
495	565	16.30435
500	565	16.30939
505	565	16.29762
510	565	16.30275
515	565	16.30649
520	565	16.31104
525	565	16.30102
530	565	16.29778
535	565	16.30724
540	565	16.30021
545	565	16.30179
550	565	16.30235
555	565	16.2957
560	565	16.29919
565	565	16.3077
570	565	16.29394
575	565	16.30894
580	565	16.29766
585	565	16.2954
590	565	16.31392
595	565	16.28971
600	565	16.305
605	565	16.30617
610	565	16.30342
615	565	16.30931
620	565	16.30896
625	565	16.30561
630	565	16.30744
635	565	16.3035
640	565	16.32158
645	565	16.30974
650	565	16.30621
655	565	16.30469
660	565	16.31536
665	565	16.30664
670	565	16.30075
675	565	16.30301
680	565	16.30273

EM wavele nm	EX wavele nm	R1 MicroAmps
685	565	16.29912
690	565	16.30825
695	565	16.30313
700	565	16.30753
705	565	16.30832
710	565	16.31283
715	565	16.31832
720	565	16.31795
725	565	16.30444
730	565	16.30231
735	565	16.30724
740	565	16.30795
745	565	16.29129
750	565	16.30105
755	565	16.30445
760	565	16.30097
765	565	16.30092
770	565	16.30764
775	565	16.30388
780	565	16.30995
785	565	16.30492
790	565	16.30993
795	565	16.31928
800	565	16.31551
805	565	16.3184
810	565	16.30616
815	565	16.30372
820	565	16.30545
825	565	16.30054
830	565	16.29249
835	565	16.30853
840	565	16.30444
845	565	16.3028
850	565	16.30412
855	565	16.29729
860	565	16.31148
865	565	16.3019
870	565	16.30347
875	565	16.2995
880	565	16.31445
885	565	16.31014
890	565	16.30692
895	565	16.30831
900	565	16.30962
905	565	16.30156
910	565	16.30878
915	565	16.30121
920	565	16.30101
925	565	16.31217
930	565	16.30709
935	565	16.31099
940	565	16.30655
945	565	16.29812
950	565	16.29683
955	565	16.29819
960	565	16.30162
965	565	16.30099
970	565	16.30015
975	565	16.31031
980	565	16.3097
985	565	16.30931
990	565	16.31368
995	565	16.31122
1000	565	16.31737

EM wavele nm	EX wavele nm	R1 MicroAmps
1005	565	16.31122
1010	565	16.30428
1015	565	16.30524
1020	565	16.31355
1025	565	16.31024
1030	565	16.31657
1035	565	16.30977
1040	565	16.30975
1045	565	16.30932
1050	565	16.29378
1055	565	16.30531
1060	565	16.28807
1065	565	16.29055
1070	565	16.30056
1075	565	16.29648
1080	565	16.29708
1085	565	16.30883
1090	565	16.31047
1095	565	16.30978
1100	565	16.30917
1105	565	16.30077
1110	565	16.30572
1115	565	16.29554
1120	565	16.29551
1125	565	16.29575
1130	565	16.29184
1135	565	16.29614
1140	565	16.29707
1145	565	16.30483
1150	565	16.3
0	570	15.99308
5	570	15.99689
10	570	15.98925
15	570	15.99437
20	570	15.99568
25	570	16.00094
30	570	15.98903
35	570	16.00232
40	570	16.00106
45	570	15.99046
50	570	16.00422
55	570	16.00742
60	570	15.99261
65	570	16.00341
70	570	16.01123
75	570	15.99006
80	570	16.00546
85	570	16.00045
90	570	16.00016
95	570	16.00139
100	570	15.99718
105	570	16.00594
110	570	15.98903
115	570	16.00121
120	570	15.99752
125	570	15.99908
130	570	15.99541
135	570	16.00087
140	570	15.9996
145	570	16.00579
150	570	15.9974
155	570	16.0007
160	570	15.99738
165	570	16.00225

EM wavele nm	EX wavele nm	R1 MicroAmps
170	570	16.00151
175	570	16.00253
180	570	16.00617
185	570	16.00217
190	570	16.00235
195	570	16.0037
200	570	16.00468
205	570	16.00728
210	570	16.00606
215	570	16.00775
220	570	16.00592
225	570	16.00467
230	570	16.00732
235	570	16.00605
240	570	16.00644
245	570	16.0133
250	570	16.00453
255	570	16.00754
260	570	16.00872
265	570	16.00194
270	570	16.01067
275	570	16.00915
280	570	16.01202
285	570	16.00891
290	570	16.0028
295	570	16.01251
300	570	16.00505
305	570	16.00273
310	570	16.01238
315	570	16.00427
320	570	15.9936
325	570	15.995
330	570	15.99917
335	570	16.00119
340	570	16.00257
345	570	15.99573
350	570	16.00988
355	570	15.99708
360	570	15.99585
365	570	16.00664
370	570	15.99897
375	570	16.00683
380	570	16.00165
385	570	16.00715
390	570	16.00733
395	570	16.00772
400	570	16.00465
405	570	16.00731
410	570	16.00595
415	570	15.99838
420	570	16.00268
425	570	16.00393
430	570	16.00548
435	570	16.00271
440	570	16.00312
445	570	15.99682
450	570	16.00418
455	570	16.00552
460	570	15.99812
465	570	16.00412
470	570	16.0019
475	570	15.99912
480	570	16.00082
485	570	15.99951

EM wavele nm	EX wavele nm	R1 MicroAmps
490	570	16.00348
495	570	16.00717
500	570	16.00931
505	570	15.99711
510	570	16.00349
515	570	16.0006
520	570	15.99393
525	570	16.00062
530	570	16.00322
535	570	16.01069
540	570	16.00475
545	570	16.00238
550	570	16.00322
555	570	16.00097
560	570	16.00247
565	570	15.99333
570	570	15.99789
575	570	15.98365
580	570	15.99608
585	570	15.99171
590	570	15.98847
595	570	15.99716
600	570	16.00135
605	570	16.00667
610	570	16.0018
615	570	16.02126
620	570	16.01013
625	570	16.01091
630	570	16.00782
635	570	16.00257
640	570	16.00572
645	570	15.99727
650	570	16.00651
655	570	16.00363
660	570	15.9976
665	570	15.99479
670	570	16.00331
675	570	16.00385
680	570	15.99632
685	570	16.00004
690	570	16.00194
695	570	15.99519
700	570	15.98903
705	570	15.99514
710	570	16.00109
715	570	16.00744
720	570	15.9968
725	570	16.00648
730	570	16.00503
735	570	16.00235
740	570	15.99199
745	570	16.00748
750	570	16.00747
755	570	16.00544
760	570	16.00311
765	570	16.0081
770	570	16.01181
775	570	16.02408
780	570	16.03491
785	570	16.03735
790	570	16.02996
795	570	16.02646
800	570	16.02148
805	570	16.01263

EM wavele nm	EX wavele nm	R1 MicroAmps
810	570	16.02251
815	570	16.01039
820	570	16.01221
825	570	16.01605
830	570	16.01785
835	570	16.01757
840	570	16.00477
845	570	16.0128
850	570	16.02123
855	570	16.01275
860	570	16.01798
865	570	16.01302
870	570	16.02421
875	570	16.01631
880	570	16.01412
885	570	16.01866
890	570	16.01595
895	570	16.02392
900	570	16.02382
905	570	16.02198
910	570	16.02673
915	570	16.02475
920	570	16.01843
925	570	16.01025
930	570	16.01725
935	570	16.01374
940	570	16.00219
945	570	16.01129
950	570	16.00932
955	570	16.01265
960	570	16.00286
965	570	16.0008
970	570	16.01185
975	570	16.01889
980	570	16.01516
985	570	16.01688
990	570	16.01955
995	570	16.01868
1000	570	16.00758
1005	570	16.00778
1010	570	16.01309
1015	570	16.00892
1020	570	16.01288
1025	570	16.01225
1030	570	15.99995
1035	570	16.01192
1040	570	16.01585
1045	570	16.01682
1050	570	16.00729
1055	570	16.01411
1060	570	16.01847
1065	570	16.00851
1070	570	16.01733
1075	570	16.01458
1080	570	16.01634
1085	570	16.01654
1090	570	16.0235
1095	570	16.02166
1100	570	16.01777
1105	570	16.01602
1110	570	16.00712
1115	570	16.0175
1120	570	16.00644
1125	570	16.01515

EM wavele nm	EX wavele nm	R1 MicroAmps
1130	570	16.00191
1135	570	16.00535
1140	570	16.00681
1145	570	16.00508
1150	570	16.01439
0	575	15.64515
5	575	15.64385
10	575	15.64112
15	575	15.64408
20	575	15.64747
25	575	15.64465
30	575	15.64464
35	575	15.6457
40	575	15.64512
45	575	15.63475
50	575	15.63983
55	575	15.62412
60	575	15.63305
65	575	15.63681
70	575	15.64725
75	575	15.64152
80	575	15.64476
85	575	15.64611
90	575	15.64887
95	575	15.63958
100	575	15.64617
105	575	15.65081
110	575	15.63684
115	575	15.65178
120	575	15.64826
125	575	15.64588
130	575	15.63828
135	575	15.64878
140	575	15.65701
145	575	15.65019
150	575	15.65078
155	575	15.64463
160	575	15.64729
165	575	15.64557
170	575	15.64991
175	575	15.65152
180	575	15.6518
185	575	15.65684
190	575	15.65536
195	575	15.65262
200	575	15.65003
205	575	15.64398
210	575	15.64542
215	575	15.64225
220	575	15.64125
225	575	15.64983
230	575	15.6403
235	575	15.64519
240	575	15.65004
245	575	15.64207
250	575	15.64835
255	575	15.64344
260	575	15.63822
265	575	15.63836
270	575	15.63914
275	575	15.64486
280	575	15.64113
285	575	15.63445
290	575	15.6397

EM wavele nm	EX wavele nm	R1 MicroAmps
295	575	15.64308
300	575	15.62982
305	575	15.6389
310	575	15.64434
315	575	15.62871
320	575	15.64553
325	575	15.64233
330	575	15.63838
335	575	15.64515
340	575	15.64898
345	575	15.6472
350	575	15.65216
355	575	15.65018
360	575	15.64714
365	575	15.6382
370	575	15.63643
375	575	15.63761
380	575	15.63127
385	575	15.63664
390	575	15.63844
395	575	15.63898
400	575	15.63903
405	575	15.64565
410	575	15.64264
415	575	15.64377
420	575	15.64493
425	575	15.64176
430	575	15.64008
435	575	15.64659
440	575	15.63936
445	575	15.64932
450	575	15.64873
455	575	15.64495
460	575	15.64714
465	575	15.63262
470	575	15.64675
475	575	15.64176
480	575	15.63432
485	575	15.64282
490	575	15.6314
495	575	15.62684
500	575	15.64084
505	575	15.63919
510	575	15.62952
515	575	15.64537
520	575	15.63588
525	575	15.63936
530	575	15.64397
535	575	15.63469
540	575	15.64841
545	575	15.63084
550	575	15.6507
555	575	15.64122
560	575	15.64313
565	575	15.63106
570	575	15.64587
575	575	15.63757
580	575	15.64558
585	575	15.64843
590	575	15.64975
595	575	15.64782
600	575	15.64101
605	575	15.64345
610	575	15.64168

EM wavele nm	EX wavele nm	R1 MicroAmps
615	575	15.63503
620	575	15.63912
625	575	15.63386
630	575	15.62934
635	575	15.63376
640	575	15.64148
645	575	15.64446
650	575	15.63887
655	575	15.64678
660	575	15.64127
665	575	15.64713
670	575	15.64417
675	575	15.65099
680	575	15.64299
685	575	15.64505
690	575	15.65473
695	575	15.64731
700	575	15.65095
705	575	15.64945
710	575	15.65638
715	575	15.64746
720	575	15.65132
725	575	15.64732
730	575	15.64934
735	575	15.64793
740	575	15.64407
745	575	15.65145
750	575	15.65063
755	575	15.65929
760	575	15.65452
765	575	15.65072
770	575	15.65994
775	575	15.6462
780	575	15.64969
785	575	15.64179
790	575	15.64249
795	575	15.64488
800	575	15.64702
805	575	15.65078
810	575	15.6501
815	575	15.64119
820	575	15.64938
825	575	15.64401
830	575	15.63784
835	575	15.63951
840	575	15.63664
845	575	15.65076
850	575	15.64393
855	575	15.64471
860	575	15.64649
865	575	15.65306
870	575	15.64389
875	575	15.64467
880	575	15.65461
885	575	15.66287
890	575	15.64955
895	575	15.65286
900	575	15.65427
905	575	15.6506
910	575	15.64371
915	575	15.64847
920	575	15.65616
925	575	15.64623
930	575	15.65865

EM wavele nm	EX wavele nm	R1 MicroAmps
935	575	15.6521
940	575	15.65744
945	575	15.66155
950	575	15.64932
955	575	15.65452
960	575	15.65963
965	575	15.65635
970	575	15.65057
975	575	15.64021
980	575	15.66026
985	575	15.64516
990	575	15.65559
995	575	15.65115
1000	575	15.64661
1005	575	15.66219
1010	575	15.643
1015	575	15.64975
1020	575	15.65296
1025	575	15.65147
1030	575	15.6494
1035	575	15.64546
1040	575	15.64929
1045	575	15.65609
1050	575	15.6387
1055	575	15.64888
1060	575	15.65015
1065	575	15.64561
1070	575	15.65532
1075	575	15.64436
1080	575	15.65375
1085	575	15.65609
1090	575	15.65719
1095	575	15.6517
1100	575	15.65089
1105	575	15.64688
1110	575	15.65984
1115	575	15.6515
1120	575	15.64971
1125	575	15.64905
1130	575	15.6552
1135	575	15.64993
1140	575	15.65644
1145	575	15.6422
1150	575	15.65194
0	580	15.33925
5	580	15.3465
10	580	15.3317
15	580	15.34562
20	580	15.34873
25	580	15.33485
30	580	15.35124
35	580	15.34191
40	580	15.33669
45	580	15.33753
50	580	15.33039
55	580	15.33801
60	580	15.32159
65	580	15.33457
70	580	15.33219
75	580	15.32274
80	580	15.33792
85	580	15.34196
90	580	15.33597
95	580	15.34269

EM wavele nm	EX wavele nm	R1 MicroAmps
100	580	15.33402
105	580	15.33245
110	580	15.33846
115	580	15.32985
120	580	15.33111
125	580	15.34133
130	580	15.3395
135	580	15.34449
140	580	15.34229
145	580	15.34292
150	580	15.34609
155	580	15.34083
160	580	15.34343
165	580	15.34912
170	580	15.34117
175	580	15.33779
180	580	15.33843
185	580	15.32724
190	580	15.33916
195	580	15.34131
200	580	15.33592
205	580	15.34288
210	580	15.3429
215	580	15.34662
220	580	15.33724
225	580	15.33707
230	580	15.34202
235	580	15.33089
240	580	15.33159
245	580	15.33744
250	580	15.33179
255	580	15.34063
260	580	15.34403
265	580	15.34131
270	580	15.3419
275	580	15.34033
280	580	15.34203
285	580	15.3567
290	580	15.3321
295	580	15.34216
300	580	15.34162
305	580	15.32451
310	580	15.33971
315	580	15.32327
320	580	15.33518
325	580	15.331
330	580	15.33474
335	580	15.33909
340	580	15.32929
345	580	15.33109
350	580	15.3362
355	580	15.33871
360	580	15.33459
365	580	15.34787
370	580	15.33833
375	580	15.33759
380	580	15.347
385	580	15.34369
390	580	15.34863
395	580	15.342
400	580	15.3455
405	580	15.35748
410	580	15.34528
415	580	15.3495

EM wavele nm	EX wavele nm	R1 MicroAmps
420	580	15.35033
425	580	15.34857
430	580	15.33318
435	580	15.33637
440	580	15.34105
445	580	15.33437
450	580	15.33659
455	580	15.34062
460	580	15.33066
465	580	15.33599
470	580	15.34024
475	580	15.33413
480	580	15.34223
485	580	15.33273
490	580	15.33474
495	580	15.33276
500	580	15.32511
505	580	15.33399
510	580	15.32906
515	580	15.31957
520	580	15.33279
525	580	15.32541
530	580	15.31667
535	580	15.33725
540	580	15.32296
545	580	15.3405
550	580	15.33027
555	580	15.33552
560	580	15.35085
565	580	15.35201
570	580	15.34638
575	580	15.35663
580	580	15.34355
585	580	15.3452
590	580	15.35152
595	580	15.34608
600	580	15.33883
605	580	15.35209
610	580	15.34346
615	580	15.34282
620	580	15.33681
625	580	15.33701
630	580	15.33596
635	580	15.34207
640	580	15.33325
645	580	15.345
650	580	15.35103
655	580	15.33412
660	580	15.34955
665	580	15.35546
670	580	15.34397
675	580	15.35192
680	580	15.35842
685	580	15.35075
690	580	15.34441
695	580	15.34534
700	580	15.34389
705	580	15.34039
710	580	15.35282
715	580	15.34439
720	580	15.34461
725	580	15.34469
730	580	15.33372
735	580	15.343

EM wavele nm	EX wavele nm	R1 MicroAmps
740	580	15.34436
745	580	15.34078
750	580	15.34964
755	580	15.34474
760	580	15.35255
765	580	15.34902
770	580	15.34
775	580	15.34027
780	580	15.33379
785	580	15.34459
790	580	15.33513
795	580	15.33927
800	580	15.3397
805	580	15.33997
810	580	15.34622
815	580	15.33938
820	580	15.34846
825	580	15.34283
830	580	15.34199
835	580	15.33731
840	580	15.33131
845	580	15.34188
850	580	15.34274
855	580	15.33739
860	580	15.33715
865	580	15.34467
870	580	15.34906
875	580	15.34227
880	580	15.3536
885	580	15.34748
890	580	15.3517
895	580	15.34008
900	580	15.34368
905	580	15.34243
910	580	15.34245
915	580	15.33729
920	580	15.33276
925	580	15.34214
930	580	15.34226
935	580	15.35278
940	580	15.34592
945	580	15.3446
950	580	15.35849
955	580	15.35299
960	580	15.36088
965	580	15.34394
970	580	15.34527
975	580	15.35184
980	580	15.33554
985	580	15.3332
990	580	15.33964
995	580	15.35011
1000	580	15.35101
1005	580	15.34541
1010	580	15.35462
1015	580	15.34574
1020	580	15.35394
1025	580	15.34744
1030	580	15.34023
1035	580	15.34987
1040	580	15.34491
1045	580	15.34383
1050	580	15.34899
1055	580	15.34784

EM wavele nm	EX wavele nm	R1 MicroAmps
1060	580	15.35088
1065	580	15.33906
1070	580	15.34779
1075	580	15.34541
1080	580	15.33014
1085	580	15.34498
1090	580	15.33659
1095	580	15.3493
1100	580	15.34888
1105	580	15.35992
1110	580	15.35434
1115	580	15.35544
1120	580	15.34386
1125	580	15.34647
1130	580	15.35525
1135	580	15.34822
1140	580	15.35151
1145	580	15.35925
1150	580	15.35373
0	585	15.08065
5	585	15.0861
10	585	15.07131
15	585	15.08076
20	585	15.07451
25	585	15.08087
30	585	15.07211
35	585	15.09532
40	585	15.08216
45	585	15.08937
50	585	15.08039
55	585	15.08481
60	585	15.07706
65	585	15.08445
70	585	15.08185
75	585	15.08023
80	585	15.07758
85	585	15.07804
90	585	15.07584
95	585	15.07175
100	585	15.0865
105	585	15.06465
110	585	15.08522
115	585	15.0752
120	585	15.07901
125	585	15.06644
130	585	15.07576
135	585	15.08194
140	585	15.06797
145	585	15.08502
150	585	15.07078
155	585	15.08339
160	585	15.07392
165	585	15.08171
170	585	15.08213
175	585	15.08639
180	585	15.07833
185	585	15.09097
190	585	15.07611
195	585	15.08728
200	585	15.08723
205	585	15.0881
210	585	15.08238
215	585	15.07396
220	585	15.08816

EM wavele nm	EX wavele nm	R1 MicroAmps
225	585	15.07494
230	585	15.07805
235	585	15.08097
240	585	15.07925
245	585	15.07305
250	585	15.08888
255	585	15.07737
260	585	15.07317
265	585	15.07282
270	585	15.06624
275	585	15.08153
280	585	15.07481
285	585	15.07878
290	585	15.08327
295	585	15.07349
300	585	15.08557
305	585	15.08943
310	585	15.08106
315	585	15.08785
320	585	15.08433
325	585	15.08241
330	585	15.08885
335	585	15.08534
340	585	15.08705
345	585	15.08321
350	585	15.08864
355	585	15.08051
360	585	15.08501
365	585	15.08486
370	585	15.08378
375	585	15.07549
380	585	15.07201
385	585	15.08052
390	585	15.07507
395	585	15.07667
400	585	15.08156
405	585	15.07878
410	585	15.08057
415	585	15.08419
420	585	15.07897
425	585	15.07827
430	585	15.07815
435	585	15.07943
440	585	15.07556
445	585	15.07956
450	585	15.08321
455	585	15.08721
460	585	15.07781
465	585	15.08733
470	585	15.0787
475	585	15.08294
480	585	15.09257
485	585	15.07947
490	585	15.08008
495	585	15.07429
500	585	15.07706
505	585	15.07202
510	585	15.07377
515	585	15.07522
520	585	15.06467
525	585	15.07179
530	585	15.06349
535	585	15.06928
540	585	15.06525

EM wavele nm	EX wavele nm	R1 MicroAmps
545	585	15.07619
550	585	15.07532
555	585	15.07335
560	585	15.07557
565	585	15.07517
570	585	15.0717
575	585	15.06895
580	585	15.07936
585	585	15.06881
590	585	15.07482
595	585	15.08
600	585	15.08153
605	585	15.08104
610	585	15.08323
615	585	15.08777
620	585	15.06883
625	585	15.08264
630	585	15.08077
635	585	15.09056
640	585	15.08099
645	585	15.08806
650	585	15.0896
655	585	15.09225
660	585	15.08097
665	585	15.08384
670	585	15.09362
675	585	15.07948
680	585	15.08997
685	585	15.08504
690	585	15.08794
695	585	15.07987
700	585	15.08142
705	585	15.09098
710	585	15.0823
715	585	15.08951
720	585	15.07756
725	585	15.0856
730	585	15.08637
735	585	15.0844
740	585	15.08715
745	585	15.08817
750	585	15.08107
755	585	15.0737
760	585	15.07099
765	585	15.07651
770	585	15.07558
775	585	15.07328
780	585	15.07352
785	585	15.07208
790	585	15.07872
795	585	15.07527
800	585	15.07714
805	585	15.07565
810	585	15.07908
815	585	15.06407
820	585	15.08
825	585	15.07326
830	585	15.06468
835	585	15.06922
840	585	15.067
845	585	15.08166
850	585	15.07054
855	585	15.08129
860	585	15.08205

EM wavele nm	EX wavele nm	R1 MicroAmps
865	585	15.07366
870	585	15.08452
875	585	15.06957
880	585	15.08306
885	585	15.07696
890	585	15.06384
895	585	15.07184
900	585	15.06568
905	585	15.07279
910	585	15.06892
915	585	15.07437
920	585	15.08254
925	585	15.07256
930	585	15.08225
935	585	15.07758
940	585	15.08003
945	585	15.07969
950	585	15.07652
955	585	15.07923
960	585	15.08218
965	585	15.07821
970	585	15.07755
975	585	15.07238
980	585	15.08637
985	585	15.06843
990	585	15.07196
995	585	15.08396
1000	585	15.07853
1005	585	15.08441
1010	585	15.08066
1015	585	15.08184
1020	585	15.08325
1025	585	15.07839
1030	585	15.0842
1035	585	15.08086
1040	585	15.09167
1045	585	15.08566
1050	585	15.07507
1055	585	15.08235
1060	585	15.08646
1065	585	15.08364
1070	585	15.08482
1075	585	15.08501
1080	585	15.08812
1085	585	15.08035
1090	585	15.08839
1095	585	15.08212
1100	585	15.07351
1105	585	15.08311
1110	585	15.07458
1115	585	15.077
1120	585	15.0754
1125	585	15.07105
1130	585	15.08259
1135	585	15.0826
1140	585	15.07749
1145	585	15.07775
1150	585	15.08392
0	590	14.62581
5	590	14.62765
10	590	14.62372
15	590	14.62913
20	590	14.62799
25	590	14.62563

EM wavele nm	EX wavele nm	R1 MicroAmps
30	590	14.6351
35	590	14.62659
40	590	14.63314
45	590	14.63286
50	590	14.62986
55	590	14.6332
60	590	14.62366
65	590	14.63067
70	590	14.62617
75	590	14.62174
80	590	14.62134
85	590	14.62688
90	590	14.61562
95	590	14.62539
100	590	14.62464
105	590	14.62115
110	590	14.62013
115	590	14.61284
120	590	14.62081
125	590	14.60429
130	590	14.61417
135	590	14.61609
140	590	14.61283
145	590	14.6198
150	590	14.62487
155	590	14.62244
160	590	14.62087
165	590	14.62899
170	590	14.61068
175	590	14.6257
180	590	14.62453
185	590	14.6185
190	590	14.6313
195	590	14.62705
200	590	14.63633
205	590	14.62454
210	590	14.62824
215	590	14.62064
220	590	14.62635
225	590	14.62346
230	590	14.6303
235	590	14.62023
240	590	14.62568
245	590	14.63287
250	590	14.62184
255	590	14.62704
260	590	14.61819
265	590	14.62243
270	590	14.62182
275	590	14.62347
280	590	14.63058
285	590	14.62333
290	590	14.62542
295	590	14.62638
300	590	14.61979
305	590	14.62236
310	590	14.62051
315	590	14.62169
320	590	14.61852
325	590	14.62155
330	590	14.62858
335	590	14.62264
340	590	14.62755
345	590	14.63024

EM wavele nm	EX wavele nm	R1 MicroAmps
350	590	14.61983
355	590	14.6143
360	590	14.62498
365	590	14.62114
370	590	14.62492
375	590	14.62388
380	590	14.62787
385	590	14.62544
390	590	14.62222
395	590	14.61699
400	590	14.62696
405	590	14.61979
410	590	14.62716
415	590	14.62706
420	590	14.629
425	590	14.61733
430	590	14.62306
435	590	14.619
440	590	14.62535
445	590	14.62807
450	590	14.62365
455	590	14.62951
460	590	14.61558
465	590	14.63576
470	590	14.62322
475	590	14.62326
480	590	14.63258
485	590	14.62409
490	590	14.62041
495	590	14.6192
500	590	14.62647
505	590	14.62433
510	590	14.6131
515	590	14.62149
520	590	14.60712
525	590	14.62951
530	590	14.60592
535	590	14.6259
540	590	14.62052
545	590	14.61381
550	590	14.62344
555	590	14.62117
560	590	14.62454
565	590	14.61501
570	590	14.62942
575	590	14.62484
580	590	14.61923
585	590	14.62494
590	590	14.6241
595	590	14.62958
600	590	14.61566
605	590	14.62442
610	590	14.62701
615	590	14.6285
620	590	14.6243
625	590	14.62563
630	590	14.62983
635	590	14.62757
640	590	14.63298
645	590	14.6321
650	590	14.63381
655	590	14.63161
660	590	14.62718
665	590	14.63367

EM wavele nm	EX wavele nm	R1 MicroAmps
670	590	14.62294
675	590	14.62511
680	590	14.62328
685	590	14.62021
690	590	14.62571
695	590	14.62265
700	590	14.62636
705	590	14.63235
710	590	14.62797
715	590	14.62166
720	590	14.62642
725	590	14.62527
730	590	14.6277
735	590	14.61982
740	590	14.62263
745	590	14.62398
750	590	14.61864
755	590	14.61454
760	590	14.62351
765	590	14.61955
770	590	14.62474
775	590	14.62271
780	590	14.62795
785	590	14.61925
790	590	14.62731
795	590	14.62793
800	590	14.62312
805	590	14.62032
810	590	14.61408
815	590	14.61794
820	590	14.61707
825	590	14.61973
830	590	14.61264
835	590	14.61942
840	590	14.62865
845	590	14.6191
850	590	14.62238
855	590	14.62375
860	590	14.62463
865	590	14.62574
870	590	14.6202
875	590	14.62492
880	590	14.62752
885	590	14.62686
890	590	14.62098
895	590	14.61841
900	590	14.63311
905	590	14.62344
910	590	14.62111
915	590	14.62134
920	590	14.625
925	590	14.62504
930	590	14.62285
935	590	14.62717
940	590	14.63428
945	590	14.62917
950	590	14.62298
955	590	14.6188
960	590	14.62518
965	590	14.62158
970	590	14.61768
975	590	14.62156
980	590	14.62643
985	590	14.62826

EM wavele nm	EX wavele nm	R1 MicroAmps
990	590	14.62735
995	590	14.6332
1000	590	14.62835
1005	590	14.62892
1010	590	14.62417
1015	590	14.62173
1020	590	14.62671
1025	590	14.6375
1030	590	14.62904
1035	590	14.6268
1040	590	14.62502
1045	590	14.62622
1050	590	14.62689
1055	590	14.61359
1060	590	14.62079
1065	590	14.61608
1070	590	14.61565
1075	590	14.62094
1080	590	14.61525
1085	590	14.61842
1090	590	14.62401
1095	590	14.62208
1100	590	14.62813
1105	590	14.61404
1110	590	14.61654
1115	590	14.61755
1120	590	14.62635
1125	590	14.61725
1130	590	14.61999
1135	590	14.62553
1140	590	14.61778
1145	590	14.62731
1150	590	14.6203
0	595	13.94113
5	595	13.94628
10	595	13.94432
15	595	13.93613
20	595	13.95204
25	595	13.94242
30	595	13.94175
35	595	13.95119
40	595	13.94471
45	595	13.95306
50	595	13.94911
55	595	13.94759
60	595	13.95762
65	595	13.95232
70	595	13.95274
75	595	13.95717
80	595	13.94409
85	595	13.94776
90	595	13.95576
95	595	13.94855
100	595	13.94878
105	595	13.95921
110	595	13.95142
115	595	13.9492
120	595	13.95738
125	595	13.95469
130	595	13.95964
135	595	13.95445
140	595	13.96311
145	595	13.95198
150	595	13.95566

EM wavele nm	EX wavele nm	R1 MicroAmps
155	595	13.96785
160	595	13.95699
165	595	13.96
170	595	13.95548
175	595	13.95742
180	595	13.94354
185	595	13.95009
190	595	13.94061
195	595	13.94629
200	595	13.94889
205	595	13.95434
210	595	13.95744
215	595	13.95192
220	595	13.95198
225	595	13.95747
230	595	13.95595
235	595	13.95173
240	595	13.96419
245	595	13.95197
250	595	13.96039
255	595	13.95975
260	595	13.95438
265	595	13.95714
270	595	13.95818
275	595	13.95401
280	595	13.94045
285	595	13.96269
290	595	13.9498
295	595	13.9508
300	595	13.96087
305	595	13.96023
310	595	13.95578
315	595	13.95571
320	595	13.95421
325	595	13.95873
330	595	13.95572
335	595	13.95409
340	595	13.95422
345	595	13.94946
350	595	13.95162
355	595	13.95981
360	595	13.94666
365	595	13.95751
370	595	13.95889
375	595	13.94885
380	595	13.96383
385	595	13.95758
390	595	13.95818
395	595	13.95987
400	595	13.9558
405	595	13.95807
410	595	13.95525
415	595	13.95486
420	595	13.96059
425	595	13.95187
430	595	13.96253
435	595	13.95426
440	595	13.95653
445	595	13.95591
450	595	13.95813
455	595	13.95576
460	595	13.94439
465	595	13.94769
470	595	13.94953

EM wavele nm	EX wavele nm	R1 MicroAmps
475	595	13.95595
480	595	13.9445
485	595	13.95972
490	595	13.94543
495	595	13.94728
500	595	13.95433
505	595	13.9485
510	595	13.94984
515	595	13.94768
520	595	13.95313
525	595	13.94923
530	595	13.94869
535	595	13.95133
540	595	13.95834
545	595	13.96115
550	595	13.96141
555	595	13.9665
560	595	13.95883
565	595	13.96105
570	595	13.95958
575	595	13.95954
580	595	13.9508
585	595	13.95506
590	595	13.95835
595	595	13.95112
600	595	13.95226
605	595	13.95589
610	595	13.95116
615	595	13.9622
620	595	13.95745
625	595	13.96138
630	595	13.95668
635	595	13.96206
640	595	13.95843
645	595	13.96411
650	595	13.95555
655	595	13.96609
660	595	13.97473
665	595	13.97056
670	595	13.97108
675	595	13.96951
680	595	13.97334
685	595	13.96332
690	595	13.9719
695	595	13.96858
700	595	13.96233
705	595	13.96436
710	595	13.95689
715	595	13.96459
720	595	13.95523
725	595	13.95707
730	595	13.96159
735	595	13.96666
740	595	13.96823
745	595	13.95821
750	595	13.97355
755	595	13.96272
760	595	13.96231
765	595	13.96992
770	595	13.96731
775	595	13.96956
780	595	13.95745
785	595	13.9703
790	595	13.972

EM wavele nm	EX wavele nm	R1 MicroAmps
795	595	13.96019
800	595	13.9621
805	595	13.95859
810	595	13.96828
815	595	13.97196
820	595	13.96539
825	595	13.97604
830	595	13.97287
835	595	13.97065
840	595	13.96033
845	595	13.96666
850	595	13.96418
855	595	13.96541
860	595	13.96415
865	595	13.95876
870	595	13.96464
875	595	14.00054
880	595	13.99577
885	595	13.98618
890	595	13.98493
895	595	13.98509
900	595	13.97532
905	595	13.97058
910	595	13.9795
915	595	13.9778
920	595	13.98103
925	595	13.97673
930	595	13.9781
935	595	13.98055
940	595	13.97847
945	595	13.96904
950	595	13.96789
955	595	13.97575
960	595	13.97391
965	595	13.96887
970	595	13.97206
975	595	13.97393
980	595	13.97806
985	595	13.97483
990	595	13.96985
995	595	13.97564
1000	595	13.97683
1005	595	13.97316
1010	595	13.96655
1015	595	13.97701
1020	595	13.97208
1025	595	13.97104
1030	595	13.96696
1035	595	13.9685
1040	595	13.97508
1045	595	13.98301
1050	595	13.97886
1055	595	13.9825
1060	595	13.98517
1065	595	13.98248
1070	595	13.97893
1075	595	13.98117
1080	595	13.977
1085	595	13.97655
1090	595	13.97872
1095	595	13.96245
1100	595	13.97565
1105	595	13.97426
1110	595	13.97348

EM wavele nm	EX wavele nm	R1 MicroAmps
1115	595	13.9725
1120	595	13.95947
1125	595	13.96864
1130	595	13.96809
1135	595	13.96979
1140	595	13.97503
1145	595	13.9725
1150	595	13.96498
0	600	13.3472
5	600	13.33845
10	600	13.33948
15	600	13.34008
20	600	13.34249
25	600	13.34515
30	600	13.33944
35	600	13.34253
40	600	13.33216
45	600	13.3409
50	600	13.34411
55	600	13.33528
60	600	13.32979
65	600	13.3401
70	600	13.34052
75	600	13.33721
80	600	13.34304
85	600	13.33977
90	600	13.34206
95	600	13.33667
100	600	13.33523
105	600	13.34211
110	600	13.33057
115	600	13.33407
120	600	13.33569
125	600	13.33027
130	600	13.33739
135	600	13.33272
140	600	13.32936
145	600	13.33414
150	600	13.33687
155	600	13.33338
160	600	13.32924
165	600	13.33504
170	600	13.33442
175	600	13.33387
180	600	13.3331
185	600	13.3353
190	600	13.34171
195	600	13.33755
200	600	13.34455
205	600	13.34221
210	600	13.34587
215	600	13.34893
220	600	13.34065
225	600	13.3431
230	600	13.34313
235	600	13.34039
240	600	13.34867
245	600	13.34092
250	600	13.34472
255	600	13.34361
260	600	13.34853
265	600	13.34764
270	600	13.3438
275	600	13.34775

EM wavele nm	EX wavele nm	R1 MicroAmps
280	600	13.3474
285	600	13.33698
290	600	13.34055
295	600	13.33748
300	600	13.32921
305	600	13.34683
310	600	13.33752
315	600	13.33633
320	600	13.3435
325	600	13.33974
330	600	13.34378
335	600	13.33877
340	600	13.34307
345	600	13.34233
350	600	13.33977
355	600	13.32906
360	600	13.34322
365	600	13.33608
370	600	13.33208
375	600	13.34621
380	600	13.33659
385	600	13.33757
390	600	13.34045
395	600	13.34218
400	600	13.3449
405	600	13.34197
410	600	13.34809
415	600	13.3514
420	600	13.34034
425	600	13.34367
430	600	13.34189
435	600	13.33422
440	600	13.33986
445	600	13.33875
450	600	13.34249
455	600	13.33998
460	600	13.33964
465	600	13.34734
470	600	13.34505
475	600	13.34038
480	600	13.33942
485	600	13.33946
490	600	13.33427
495	600	13.34252
500	600	13.33828
505	600	13.34187
510	600	13.33421
515	600	13.3371
520	600	13.33632
525	600	13.33585
530	600	13.34038
535	600	13.33319
540	600	13.34018
545	600	13.34627
550	600	13.34631
555	600	13.3448
560	600	13.34889
565	600	13.34162
570	600	13.34565
575	600	13.34187
580	600	13.34121
585	600	13.34673
590	600	13.34531
595	600	13.34416

EM wavele nm	EX wavele nm	R1 MicroAmps
600	600	13.33775
605	600	13.34414
610	600	13.34276
615	600	13.34892
620	600	13.35187
625	600	13.34095
630	600	13.34299
635	600	13.3305
640	600	13.34172
645	600	13.33324
650	600	13.33941
655	600	13.34153
660	600	13.3435
665	600	13.34345
670	600	13.331
675	600	13.343
680	600	13.33869
685	600	13.33524
690	600	13.34412
695	600	13.3441
700	600	13.35047
705	600	13.34696
710	600	13.34933
715	600	13.34884
720	600	13.3519
725	600	13.34117
730	600	13.34146
735	600	13.34312
740	600	13.33787
745	600	13.33329
750	600	13.33838
755	600	13.34722
760	600	13.33802
765	600	13.34377
770	600	13.3369
775	600	13.34116
780	600	13.33929
785	600	13.34048
790	600	13.3289
795	600	13.34302
800	600	13.34711
805	600	13.34261
810	600	13.33903
815	600	13.34312
820	600	13.34827
825	600	13.3363
830	600	13.34458
835	600	13.34224
840	600	13.34608
845	600	13.34742
850	600	13.34748
855	600	13.34832
860	600	13.34872
865	600	13.34883
870	600	13.34723
875	600	13.33938
880	600	13.34401
885	600	13.34571
890	600	13.33814
895	600	13.344
900	600	13.33203
905	600	13.34249
910	600	13.33529
915	600	13.34196

EM wavele nm	EX wavele nm	R1 MicroAmps
920	600	13.33121
925	600	13.33008
930	600	13.33784
935	600	13.33986
940	600	13.34175
945	600	13.34177
950	600	13.34745
955	600	13.34865
960	600	13.35129
965	600	13.34364
970	600	13.34699
975	600	13.3474
980	600	13.35138
985	600	13.34453
990	600	13.34604
995	600	13.35406
1000	600	13.34546
1005	600	13.34155
1010	600	13.34138
1015	600	13.33896
1020	600	13.35196
1025	600	13.34311
1030	600	13.34562
1035	600	13.3467
1040	600	13.33796
1045	600	13.35026
1050	600	13.34264
1055	600	13.3391
1060	600	13.34449
1065	600	13.35655
1070	600	13.35089
1075	600	13.34408
1080	600	13.34635
1085	600	13.34493
1090	600	13.34758
1095	600	13.3496
1100	600	13.33547
1105	600	13.34968
1110	600	13.34667
1115	600	13.34467
1120	600	13.37485
1125	600	13.35827
1130	600	13.35439
1135	600	13.35338
1140	600	13.34861
1145	600	13.35079
1150	600	13.35945
0	605	12.89565
5	605	12.89486
10	605	12.89867
15	605	12.90574
20	605	12.89817
25	605	12.90323
30	605	12.90068
35	605	12.89884
40	605	12.89925
45	605	12.90139
50	605	12.89647
55	605	12.89852
60	605	12.89805
65	605	12.89877
70	605	12.89627
75	605	12.90004
80	605	12.90004

EM wavele nm	EX wavele nm	R1 MicroAmps
85	605	12.89734
90	605	12.90159
95	605	12.90516
100	605	12.8998
105	605	12.89264
110	605	12.89933
115	605	12.89621
120	605	12.896
125	605	12.90007
130	605	12.89554
135	605	12.89493
140	605	12.90037
145	605	12.89761
150	605	12.89427
155	605	12.90454
160	605	12.88961
165	605	12.90607
170	605	12.89383
175	605	12.89392
180	605	12.90301
185	605	12.88772
190	605	12.89376
195	605	12.89712
200	605	12.89191
205	605	12.89315
210	605	12.89393
215	605	12.89403
220	605	12.89558
225	605	12.89629
230	605	12.8961
235	605	12.89784
240	605	12.89277
245	605	12.89443
250	605	12.89638
255	605	12.89024
260	605	12.90042
265	605	12.89456
270	605	12.89539
275	605	12.89562
280	605	12.90708
285	605	12.89211
290	605	12.90151
295	605	12.8938
300	605	12.88928
305	605	12.88804
310	605	12.8878
315	605	12.88908
320	605	12.8917
325	605	12.89907
330	605	12.89151
335	605	12.89715
340	605	12.89122
345	605	12.89999
350	605	12.8945
355	605	12.89073
360	605	12.89626
365	605	12.89133
370	605	12.89176
375	605	12.89244
380	605	12.89776
385	605	12.89509
390	605	12.89866
395	605	12.90173
400	605	12.89706

EM wavele nm	EX wavele nm	R1 MicroAmps
405	605	12.89879
410	605	12.90085
415	605	12.90149
420	605	12.9041
425	605	12.90486
430	605	12.90508
435	605	12.89517
440	605	12.8988
445	605	12.89115
450	605	12.89263
455	605	12.89571
460	605	12.89994
465	605	12.89627
470	605	12.8967
475	605	12.89916
480	605	12.89955
485	605	12.89077
490	605	12.89345
495	605	12.89936
500	605	12.89017
505	605	12.8989
510	605	12.89248
515	605	12.89769
520	605	12.89759
525	605	12.89962
530	605	12.90118
535	605	12.89661
540	605	12.90542
545	605	12.90406
550	605	12.9014
555	605	12.89708
560	605	12.89833
565	605	12.90594
570	605	12.88591
575	605	12.88947
580	605	12.89997
585	605	12.8883
590	605	12.90072
595	605	12.90286
600	605	12.90325
605	605	12.8975
610	605	12.90106
615	605	12.89641
620	605	12.90091
625	605	12.88937
630	605	12.8867
635	605	12.89835
640	605	12.88583
645	605	12.8922
650	605	12.89924
655	605	12.90176
660	605	12.89295
665	605	12.90065
670	605	12.89128
675	605	12.89406
680	605	12.89226
685	605	12.88368
690	605	12.8975
695	605	12.88864
700	605	12.89111
705	605	12.89644
710	605	12.89935
715	605	12.89629
720	605	12.89833

EM wavele nm	EX wavele nm	R1 MicroAmps
725	605	12.90113
730	605	12.89765
735	605	12.89924
740	605	12.89249
745	605	12.89219
750	605	12.89021
755	605	12.89681
760	605	12.88978
765	605	12.89113
770	605	12.90134
775	605	12.89754
780	605	12.89073
785	605	12.90226
790	605	12.89993
795	605	12.89841
800	605	12.89623
805	605	12.89642
810	605	12.91144
815	605	12.9067
820	605	12.90577
825	605	12.90307
830	605	12.90193
835	605	12.90943
840	605	12.89081
845	605	12.90107
850	605	12.90171
855	605	12.89181
860	605	12.89793
865	605	12.88962
870	605	12.89254
875	605	12.89484
880	605	12.8983
885	605	12.88881
890	605	12.896
895	605	12.89891
900	605	12.89874
905	605	12.88938
910	605	12.905
915	605	12.89012
920	605	12.89865
925	605	12.8931
930	605	12.89925
935	605	12.90587
940	605	12.90086
945	605	12.90665
950	605	12.89915
955	605	12.89794
960	605	12.89789
965	605	12.89693
970	605	12.90378
975	605	12.90494
980	605	12.90349
985	605	12.89314
990	605	12.89878
995	605	12.90219
1000	605	12.89157
1005	605	12.8988
1010	605	12.89656
1015	605	12.89757
1020	605	12.90684
1025	605	12.90362
1030	605	12.89879
1035	605	12.89727
1040	605	12.90178

EM wavele nm	EX wavele nm	R1 MicroAmps
1045	605	12.89664
1050	605	12.90646
1055	605	12.9123
1060	605	12.90053
1065	605	12.90782
1070	605	12.90438
1075	605	12.90343
1080	605	12.90122
1085	605	12.90376
1090	605	12.90302
1095	605	12.89871
1100	605	12.89035
1105	605	12.90545
1110	605	12.8975
1115	605	12.8976
1120	605	12.89486
1125	605	12.90171
1130	605	12.89566
1135	605	12.9032
1140	605	12.9001
1145	605	12.89243
1150	605	12.90175
0	610	12.65168
5	610	12.6497
10	610	12.65315
15	610	12.64401
20	610	12.64664
25	610	12.65148
30	610	12.65442
35	610	12.64095
40	610	12.65054
45	610	12.6413
50	610	12.63965
55	610	12.64312
60	610	12.64165
65	610	12.63775
70	610	12.64129
75	610	12.6409
80	610	12.6411
85	610	12.6374
90	610	12.63888
95	610	12.642
100	610	12.64101
105	610	12.64583
110	610	12.64365
115	610	12.63975
120	610	12.64308
125	610	12.63731
130	610	12.63621
135	610	12.63687
140	610	12.64214
145	610	12.64063
150	610	12.64318
155	610	12.64225
160	610	12.64474
165	610	12.64162
170	610	12.63823
175	610	12.65267
180	610	12.64083
185	610	12.63886
190	610	12.64645
195	610	12.64623
200	610	12.64486
205	610	12.64783

EM wavele nm	EX wavele nm	R1 MicroAmps
210	610	12.64286
215	610	12.64866
220	610	12.64579
225	610	12.64999
230	610	12.64599
235	610	12.64511
240	610	12.64151
245	610	12.64701
250	610	12.64099
255	610	12.64115
260	610	12.64314
265	610	12.64027
270	610	12.63735
275	610	12.63662
280	610	12.63376
285	610	12.63964
290	610	12.63671
295	610	12.64523
300	610	12.6458
305	610	12.64291
310	610	12.64525
315	610	12.64878
320	610	12.64587
325	610	12.65174
330	610	12.65181
335	610	12.63803
340	610	12.64159
345	610	12.63721
350	610	12.64206
355	610	12.63368
360	610	12.63748
365	610	12.6393
370	610	12.63249
375	610	12.63943
380	610	12.64364
385	610	12.63594
390	610	12.63787
395	610	12.64788
400	610	12.64172
405	610	12.6389
410	610	12.63779
415	610	12.63682
420	610	12.6392
425	610	12.63591
430	610	12.63838
435	610	12.6339
440	610	12.63726
445	610	12.6379
450	610	12.63987
455	610	12.63039
460	610	12.64128
465	610	12.63493
470	610	12.63559
475	610	12.64287
480	610	12.63588
485	610	12.6412
490	610	12.63284
495	610	12.64623
500	610	12.6356
505	610	12.64758
510	610	12.64029
515	610	12.63693
520	610	12.64587
525	610	12.63081

EM wavele nm	EX wavele nm	R1 MicroAmps
530	610	12.63929
535	610	12.63546
540	610	12.63107
545	610	12.63931
550	610	12.63704
555	610	12.64089
560	610	12.6377
565	610	12.64526
570	610	12.63855
575	610	12.63628
580	610	12.62831
585	610	12.63056
590	610	12.63205
595	610	12.62328
600	610	12.6402
605	610	12.62908
610	610	12.62798
615	610	12.63948
620	610	12.62971
625	610	12.63341
630	610	12.6287
635	610	12.62385
640	610	12.63073
645	610	12.6244
650	610	12.63026
655	610	12.62675
660	610	12.63325
665	610	12.6347
670	610	12.63291
675	610	12.63091
680	610	12.63132
685	610	12.63387
690	610	12.63468
695	610	12.63312
700	610	12.63084
705	610	12.63632
710	610	12.64009
715	610	12.64018
720	610	12.63441
725	610	12.64067
730	610	12.64024
735	610	12.63535
740	610	12.62768
745	610	12.62639
750	610	12.63984
755	610	12.6327
760	610	12.62855
765	610	12.64255
770	610	12.63723
775	610	12.64143
780	610	12.64182
785	610	12.6346
790	610	12.64147
795	610	12.63374
800	610	12.63189
805	610	12.62758
810	610	12.63044
815	610	12.6338
820	610	12.62499
825	610	12.63798
830	610	12.64506
835	610	12.63669
840	610	12.63841
845	610	12.63632

EM wavele nm	EX wavele nm	R1 MicroAmps
850	610	12.63796
855	610	12.63591
860	610	12.62736
865	610	12.63694
870	610	12.63011
875	610	12.64292
880	610	12.63689
885	610	12.63864
890	610	12.6508
895	610	12.63674
900	610	12.63977
905	610	12.63861
910	610	12.64249
915	610	12.63924
920	610	12.63205
925	610	12.63963
930	610	12.63302
935	610	12.64466
940	610	12.63673
945	610	12.63409
950	610	12.64096
955	610	12.63828
960	610	12.63508
965	610	12.63808
970	610	12.6376
975	610	12.64095
980	610	12.63142
985	610	12.64073
990	610	12.63536
995	610	12.63456
1000	610	12.64038
1005	610	12.6374
1010	610	12.64038
1015	610	12.64731
1020	610	12.63473
1025	610	12.63842
1030	610	12.63798
1035	610	12.63618
1040	610	12.64053
1045	610	12.63472
1050	610	12.64732
1055	610	12.63808
1060	610	12.64041
1065	610	12.63994
1070	610	12.63878
1075	610	12.62838
1080	610	12.64029
1085	610	12.63567
1090	610	12.63494
1095	610	12.63017
1100	610	12.63066
1105	610	12.64067
1110	610	12.63839
1115	610	12.63656
1120	610	12.63675
1125	610	12.63016
1130	610	12.63598
1135	610	12.64269
1140	610	12.63532
1145	610	12.6363
1150	610	12.63231
0	615	12.53958
5	615	12.52964
10	615	12.53942

EM wavele nm	EX wavele nm	R1 MicroAmps
15	615	12.53197
20	615	12.53018
25	615	12.53761
30	615	12.53166
35	615	12.53261
40	615	12.5318
45	615	12.53575
50	615	12.52837
55	615	12.54185
60	615	12.53161
65	615	12.53392
70	615	12.53452
75	615	12.53277
80	615	12.53686
85	615	12.53303
90	615	12.54215
95	615	12.53534
100	615	12.53587
105	615	12.5348
110	615	12.53321
115	615	12.53922
120	615	12.52706
125	615	12.53287
130	615	12.53571
135	615	12.53566
140	615	12.53118
145	615	12.53254
150	615	12.53071
155	615	12.53111
160	615	12.53586
165	615	12.5312
170	615	12.53705
175	615	12.53549
180	615	12.53662
185	615	12.53763
190	615	12.53626
195	615	12.54271
200	615	12.54093
205	615	12.53241
210	615	12.53721
215	615	12.53282
220	615	12.52551
225	615	12.53185
230	615	12.53083
235	615	12.53047
240	615	12.52562
245	615	12.53425
250	615	12.52679
255	615	12.5233
260	615	12.53405
265	615	12.52904
270	615	12.52547
275	615	12.54089
280	615	12.53697
285	615	12.53794
290	615	12.53728
295	615	12.53244
300	615	12.53891
305	615	12.52734
310	615	12.53116
315	615	12.53917
320	615	12.53171
325	615	12.53638
330	615	12.53737

EM wavele nm	EX wavele nm	R1 MicroAmps
335	615	12.5341
340	615	12.52984
345	615	12.53216
350	615	12.53045
355	615	12.53429
360	615	12.53657
365	615	12.53223
370	615	12.53852
375	615	12.53247
380	615	12.544
385	615	12.54528
390	615	12.53866
395	615	12.54487
400	615	12.53775
405	615	12.53482
410	615	12.54273
415	615	12.54049
420	615	12.53806
425	615	12.53917
430	615	12.5342
435	615	12.5359
440	615	12.52638
445	615	12.53259
450	615	12.53939
455	615	12.531
460	615	12.5405
465	615	12.53818
470	615	12.5398
475	615	12.53955
480	615	12.53433
485	615	12.54383
490	615	12.54002
495	615	12.53535
500	615	12.5356
505	615	12.53803
510	615	12.53167
515	615	12.54001
520	615	12.53568
525	615	12.5341
530	615	12.53581
535	615	12.53126
540	615	12.54007
545	615	12.52794
550	615	12.53145
555	615	12.53878
560	615	12.53578
565	615	12.53549
570	615	12.54522
575	615	12.53728
580	615	12.53329
585	615	12.54051
590	615	12.53356
595	615	12.54328
600	615	12.5298
605	615	12.53813
610	615	12.54272
615	615	12.53498
620	615	12.53834
625	615	12.53275
630	615	12.54265
635	615	12.52227
640	615	12.53713
645	615	12.5368
650	615	12.53848

EM wavele nm	EX wavele nm	R1 MicroAmps
655	615	12.53164
660	615	12.53171
665	615	12.52972
670	615	12.53099
675	615	12.53121
680	615	12.53109
685	615	12.53554
690	615	12.53063
695	615	12.54017
700	615	12.53371
705	615	12.52931
710	615	12.5345
715	615	12.52719
720	615	12.53453
725	615	12.52788
730	615	12.52519
735	615	12.53398
740	615	12.531
745	615	12.52995
750	615	12.52897
755	615	12.53085
760	615	12.53529
765	615	12.5287
770	615	12.5345
775	615	12.52844
780	615	12.53807
785	615	12.53156
790	615	12.52761
795	615	12.53933
800	615	12.53053
805	615	12.53996
810	615	12.53443
815	615	12.5379
820	615	12.53839
825	615	12.53653
830	615	12.54354
835	615	12.54005
840	615	12.53903
845	615	12.54418
850	615	12.5393
855	615	12.54022
860	615	12.54951
865	615	12.52979
870	615	12.53604
875	615	12.53361
880	615	12.52703
885	615	12.53377
890	615	12.53087
895	615	12.53199
900	615	12.5387
905	615	12.53514
910	615	12.54233
915	615	12.53492
920	615	12.53736
925	615	12.53759
930	615	12.54207
935	615	12.54699
940	615	12.53244
945	615	12.53678
950	615	12.5321
955	615	12.5374
960	615	12.53221
965	615	12.53667
970	615	12.53116

EM wavele nm	EX wavele nm	R1 MicroAmps
975	615	12.53748
980	615	12.53867
985	615	12.53927
990	615	12.53723
995	615	12.54962
1000	615	12.54527
1005	615	12.54119
1010	615	12.54046
1015	615	12.53782
1020	615	12.54178
1025	615	12.53906
1030	615	12.54483
1035	615	12.53737
1040	615	12.53541
1045	615	12.54747
1050	615	12.53936
1055	615	12.5355
1060	615	12.53865
1065	615	12.53625
1070	615	12.5292
1075	615	12.52695
1080	615	12.52766
1085	615	12.52495
1090	615	12.5291
1095	615	12.52744
1100	615	12.52978
1105	615	12.52488
1110	615	12.53191
1115	615	12.53406
1120	615	12.54037
1125	615	12.53841
1130	615	12.53851
1135	615	12.537
1140	615	12.53181
1145	615	12.53637
1150	615	12.53551
0	620	12.29641
5	620	12.29891
10	620	12.29418
15	620	12.29586
20	620	12.28857
25	620	12.30403
30	620	12.30601
35	620	12.30675
40	620	12.30508
45	620	12.30694
50	620	12.31
55	620	12.3065
60	620	12.31474
65	620	12.30846
70	620	12.3047
75	620	12.31213
80	620	12.31046
85	620	12.30706
90	620	12.31013
95	620	12.30525
100	620	12.30645
105	620	12.31048
110	620	12.31239
115	620	12.30395
120	620	12.30125
125	620	12.30209
130	620	12.30323
135	620	12.30481

EM wavele nm	EX wavele nm	R1 MicroAmps
140	620	12.30476
145	620	12.30902
150	620	12.29893
155	620	12.30472
160	620	12.30798
165	620	12.29788
170	620	12.30498
175	620	12.30571
180	620	12.30095
185	620	12.29974
190	620	12.30322
195	620	12.30455
200	620	12.3021
205	620	12.30798
210	620	12.30923
215	620	12.30575
220	620	12.3011
225	620	12.31203
230	620	12.30488
235	620	12.30079
240	620	12.31564
245	620	12.30315
250	620	12.30426
255	620	12.29792
260	620	12.29772
265	620	12.30647
270	620	12.29375
275	620	12.30036
280	620	12.29706
285	620	12.30299
290	620	12.29797
295	620	12.30927
300	620	12.30292
305	620	12.30449
310	620	12.30285
315	620	12.30674
320	620	12.30332
325	620	12.29905
330	620	12.30535
335	620	12.30173
340	620	12.29512
345	620	12.30046
350	620	12.29892
355	620	12.29311
360	620	12.30061
365	620	12.29684
370	620	12.30155
375	620	12.29796
380	620	12.29564
385	620	12.30624
390	620	12.29798
395	620	12.30117
400	620	12.30297
405	620	12.30231
410	620	12.30301
415	620	12.30029
420	620	12.30052
425	620	12.30008
430	620	12.29854
435	620	12.30006
440	620	12.29724
445	620	12.29421
450	620	12.3058
455	620	12.29668

EM wavele nm	EX wavele nm	R1 MicroAmps
460	620	12.29923
465	620	12.29992
470	620	12.30708
475	620	12.29872
480	620	12.30766
485	620	12.30197
490	620	12.30474
495	620	12.3084
500	620	12.30234
505	620	12.30456
510	620	12.30016
515	620	12.306
520	620	12.3049
525	620	12.2995
530	620	12.29247
535	620	12.30132
540	620	12.30268
545	620	12.30178
550	620	12.30892
555	620	12.29828
560	620	12.30162
565	620	12.30058
570	620	12.30726
575	620	12.29806
580	620	12.30735
585	620	12.30277
590	620	12.30334
595	620	12.30501
600	620	12.30559
605	620	12.30976
610	620	12.29956
615	620	12.30524
620	620	12.30393
625	620	12.30538
630	620	12.29728
635	620	12.30894
640	620	12.30554
645	620	12.30644
650	620	12.30718
655	620	12.30963
660	620	12.31467
665	620	12.29852
670	620	12.30592
675	620	12.30248
680	620	12.30151
685	620	12.30728
690	620	12.302
695	620	12.31553
700	620	12.30339
705	620	12.30168
710	620	12.30521
715	620	12.3109
720	620	12.302
725	620	12.30756
730	620	12.30112
735	620	12.30596
740	620	12.2977
745	620	12.29537
750	620	12.3033
755	620	12.29577
760	620	12.30329
765	620	12.29795
770	620	12.30545
775	620	12.30063

EM wavele nm	EX wavele nm	R1 MicroAmps
780	620	12.30573
785	620	12.30443
790	620	12.31291
795	620	12.31645
800	620	12.3197
805	620	12.30927
810	620	12.31868
815	620	12.31459
820	620	12.31031
825	620	12.30983
830	620	12.30379
835	620	12.31159
840	620	12.30636
845	620	12.30731
850	620	12.31192
855	620	12.31116
860	620	12.31206
865	620	12.30881
870	620	12.29965
875	620	12.31139
880	620	12.30417
885	620	12.30395
890	620	12.30661
895	620	12.31084
900	620	12.31283
905	620	12.31237
910	620	12.31289
915	620	12.31165
920	620	12.30719
925	620	12.30942
930	620	12.30588
935	620	12.31189
940	620	12.31818
945	620	12.31511
950	620	12.31247
955	620	12.31958
960	620	12.31441
965	620	12.3145
970	620	12.31153
975	620	12.31193
980	620	12.31044
985	620	12.31191
990	620	12.30485
995	620	12.31304
1000	620	12.31563
1005	620	12.30996
1010	620	12.30671
1015	620	12.31335
1020	620	12.31347
1025	620	12.31206
1030	620	12.31476
1035	620	12.31325
1040	620	12.31371
1045	620	12.31425
1050	620	12.31495
1055	620	12.30319
1060	620	12.30995
1065	620	12.30683
1070	620	12.30933
1075	620	12.30223
1080	620	12.30861
1085	620	12.31126
1090	620	12.31348
1095	620	12.31033

EM wavele nm	EX wavele nm	R1 MicroAmps
1100	620	12.30398
1105	620	12.30311
1110	620	12.30364
1115	620	12.31483
1120	620	12.31102
1125	620	12.31123
1130	620	12.30851
1135	620	12.30758
1140	620	12.31997
1145	620	12.30915
1150	620	12.31037
0	625	11.59356
5	625	11.59521
10	625	11.60021
15	625	11.59467
20	625	11.59618
25	625	11.59919
30	625	11.5938
35	625	11.59201
40	625	11.59987
45	625	11.59765
50	625	11.59942
55	625	11.60191
60	625	11.59884
65	625	11.60271
70	625	11.59867
75	625	11.60072
80	625	11.60343
85	625	11.59914
90	625	11.59783
95	625	11.6048
100	625	11.59541
105	625	11.5987
110	625	11.60309
115	625	11.5951
120	625	11.59744
125	625	11.60459
130	625	11.6025
135	625	11.60814
140	625	11.60681
145	625	11.6069
150	625	11.60583
155	625	11.60793
160	625	11.60489
165	625	11.60471
170	625	11.59797
175	625	11.6062
180	625	11.60731
185	625	11.60077
190	625	11.60868
195	625	11.60509
200	625	11.60002
205	625	11.60957
210	625	11.60323
215	625	11.59846
220	625	11.60026
225	625	11.59623
230	625	11.60108
235	625	11.59259
240	625	11.59769
245	625	11.59695
250	625	11.59918
255	625	11.60389
260	625	11.60077

EM wavele nm	EX wavele nm	R1 MicroAmps
265	625	11.59678
270	625	11.60026
275	625	11.60025
280	625	11.59665
285	625	11.59816
290	625	11.60343
295	625	11.59925
300	625	11.60214
305	625	11.60476
310	625	11.59847
315	625	11.60156
320	625	11.5925
325	625	11.59774
330	625	11.60336
335	625	11.59112
340	625	11.60167
345	625	11.60101
350	625	11.59799
355	625	11.60329
360	625	11.6006
365	625	11.596
370	625	11.59511
375	625	11.60104
380	625	11.60372
385	625	11.6006
390	625	11.60162
395	625	11.60405
400	625	11.60402
405	625	11.59659
410	625	11.60539
415	625	11.59981
420	625	11.59296
425	625	11.59904
430	625	11.59578
435	625	11.59461
440	625	11.59367
445	625	11.59947
450	625	11.59992
455	625	11.59099
460	625	11.59836
465	625	11.59429
470	625	11.60079
475	625	11.6033
480	625	11.60263
485	625	11.59944
490	625	11.60091
495	625	11.59901
500	625	11.59877
505	625	11.59871
510	625	11.60169
515	625	11.59201
520	625	11.59552
525	625	11.59772
530	625	11.59686
535	625	11.59312
540	625	11.59673
545	625	11.59212
550	625	11.59528
555	625	11.59064
560	625	11.59798
565	625	11.59595
570	625	11.59712
575	625	11.59412
580	625	11.59645

EM wavele nm	EX wavele nm	R1 MicroAmps
585	625	11.59437
590	625	11.59421
595	625	11.59695
600	625	11.58967
605	625	11.59074
610	625	11.59492
615	625	11.59302
620	625	11.5932
625	625	11.59735
630	625	11.5991
635	625	11.59578
640	625	11.59648
645	625	11.59484
650	625	11.59682
655	625	11.59974
660	625	11.59447
665	625	11.59897
670	625	11.60115
675	625	11.59852
680	625	11.59397
685	625	11.59638
690	625	11.59632
695	625	11.58921
700	625	11.58967
705	625	11.59522
710	625	11.58494
715	625	11.58855
720	625	11.59962
725	625	11.59128
730	625	11.60464
735	625	11.60129
740	625	11.60211
745	625	11.60568
750	625	11.59941
755	625	11.59987
760	625	11.59962
765	625	11.60111
770	625	11.59855
775	625	11.59657
780	625	11.59852
785	625	11.59846
790	625	11.59579
795	625	11.5919
800	625	11.59165
805	625	11.59115
810	625	11.59651
815	625	11.58522
820	625	11.58842
825	625	11.59506
830	625	11.59703
835	625	11.59108
840	625	11.60322
845	625	11.59173
850	625	11.5995
855	625	11.60126
860	625	11.5909
865	625	11.59724
870	625	11.59524
875	625	11.59948
880	625	11.59559
885	625	11.59901
890	625	11.59468
895	625	11.59025
900	625	11.59554

EM wavele nm	EX wavele nm	R1 MicroAmps
905	625	11.60051
910	625	11.59935
915	625	11.60142
920	625	11.59892
925	625	11.59719
930	625	11.59837
935	625	11.59272
940	625	11.59233
945	625	11.58316
950	625	11.59377
955	625	11.59689
960	625	11.59042
965	625	11.5997
970	625	11.59795
975	625	11.59795
980	625	11.60306
985	625	11.60128
990	625	11.60092
995	625	11.60494
1000	625	11.60611
1005	625	11.59748
1010	625	11.59671
1015	625	11.60172
1020	625	11.60119
1025	625	11.5912
1030	625	11.60307
1035	625	11.59828
1040	625	11.59813
1045	625	11.603
1050	625	11.59509
1055	625	11.6009
1060	625	11.59499
1065	625	11.59966
1070	625	11.58892
1075	625	11.59023
1080	625	11.59159
1085	625	11.59761
1090	625	11.59623
1095	625	11.59001
1100	625	11.592
1105	625	11.59837
1110	625	11.59668
1115	625	11.59475
1120	625	11.60042
1125	625	11.59164
1130	625	11.58872
1135	625	11.59927
1140	625	11.59591
1145	625	11.60525
1150	625	11.59516
0	630	10.84696
5	630	10.84437
10	630	10.84633
15	630	10.84765
20	630	10.83772
25	630	10.84363
30	630	10.83755
35	630	10.83472
40	630	10.84299
45	630	10.83965
50	630	10.84208
55	630	10.84172
60	630	10.84386
65	630	10.85011

EM wavele nm	EX wavele nm	R1 MicroAmps
70	630	10.84504
75	630	10.84351
80	630	10.84857
85	630	10.84359
90	630	10.84371
95	630	10.84677
100	630	10.84045
105	630	10.84075
110	630	10.84466
115	630	10.83843
120	630	10.84238
125	630	10.84099
130	630	10.84219
135	630	10.84155
140	630	10.83892
145	630	10.84528
150	630	10.83567
155	630	10.83972
160	630	10.84207
165	630	10.83585
170	630	10.83991
175	630	10.84675
180	630	10.83378
185	630	10.8366
190	630	10.839
195	630	10.83261
200	630	10.84288
205	630	10.8354
210	630	10.84622
215	630	10.84443
220	630	10.84031
225	630	10.845
230	630	10.83956
235	630	10.84054
240	630	10.84611
245	630	10.84311
250	630	10.84509
255	630	10.84296
260	630	10.84165
265	630	10.84674
270	630	10.84118
275	630	10.84297
280	630	10.8447
285	630	10.84018
290	630	10.84365
295	630	10.8437
300	630	10.84183
305	630	10.84215
310	630	10.84522
315	630	10.8403
320	630	10.84244
325	630	10.84478
330	630	10.84271
335	630	10.84406
340	630	10.84142
345	630	10.84806
350	630	10.83986
355	630	10.83868
360	630	10.84745
365	630	10.84058
370	630	10.84151
375	630	10.84391
380	630	10.8463
385	630	10.83055

EM wavele nm	EX wavele nm	R1 MicroAmps
390	630	10.84096
395	630	10.84082
400	630	10.8449
405	630	10.84238
410	630	10.84335
415	630	10.84123
420	630	10.83714
425	630	10.83868
430	630	10.84556
435	630	10.83438
440	630	10.8404
445	630	10.84189
450	630	10.83722
455	630	10.83405
460	630	10.84342
465	630	10.83909
470	630	10.83788
475	630	10.8445
480	630	10.84227
485	630	10.84313
490	630	10.84175
495	630	10.84514
500	630	10.86894
505	630	10.86056
510	630	10.84961
515	630	10.8587
520	630	10.8474
525	630	10.8429
530	630	10.84953
535	630	10.84739
540	630	10.84744
545	630	10.84882
550	630	10.84838
555	630	10.85055
560	630	10.84894
565	630	10.84594
570	630	10.84752
575	630	10.84016
580	630	10.84661
585	630	10.84895
590	630	10.84319
595	630	10.84967
600	630	10.84709
605	630	10.83844
610	630	10.84486
615	630	10.83568
620	630	10.8422
625	630	10.8389
630	630	10.84102
635	630	10.8466
640	630	10.84447
645	630	10.84626
650	630	10.84481
655	630	10.84783
660	630	10.84247
665	630	10.8415
670	630	10.84766
675	630	10.83969
680	630	10.84259
685	630	10.83867
690	630	10.84346
695	630	10.84216
700	630	10.84779
705	630	10.84362

EM wavele nm	EX wavele nm	R1 MicroAmps
710	630	10.84639
715	630	10.8465
720	630	10.84134
725	630	10.84174
730	630	10.84741
735	630	10.84092
740	630	10.83977
745	630	10.84683
750	630	10.84609
755	630	10.84019
760	630	10.84765
765	630	10.84274
770	630	10.84892
775	630	10.84476
780	630	10.84282
785	630	10.84582
790	630	10.84431
795	630	10.84723
800	630	10.83998
805	630	10.83825
810	630	10.83999
815	630	10.84041
820	630	10.83913
825	630	10.84552
830	630	10.84085
835	630	10.84871
840	630	10.84491
845	630	10.84879
850	630	10.85097
855	630	10.84689
860	630	10.84628
865	630	10.84109
870	630	10.84465
875	630	10.83829
880	630	10.83938
885	630	10.8439
890	630	10.84024
895	630	10.8452
900	630	10.84854
905	630	10.84314
910	630	10.84958
915	630	10.84116
920	630	10.83934
925	630	10.83694
930	630	10.84405
935	630	10.84779
940	630	10.83694
945	630	10.84135
950	630	10.84388
955	630	10.84238
960	630	10.84222
965	630	10.84242
970	630	10.84782
975	630	10.84346
980	630	10.84248
985	630	10.84298
990	630	10.83735
995	630	10.84791
1000	630	10.84924
1005	630	10.84188
1010	630	10.84746
1015	630	10.84103
1020	630	10.84659
1025	630	10.83891

EM wavele nm	EX wavele nm	R1 MicroAmps
1030	630	10.84132
1035	630	10.84531
1040	630	10.83956
1045	630	10.83888
1050	630	10.83964
1055	630	10.84328
1060	630	10.84047
1065	630	10.83585
1070	630	10.83744
1075	630	10.83933
1080	630	10.84246
1085	630	10.84367
1090	630	10.84289
1095	630	10.8403
1100	630	10.84349
1105	630	10.84817
1110	630	10.83864
1115	630	10.83569
1120	630	10.84123
1125	630	10.83783
1130	630	10.8373
1135	630	10.83695
1140	630	10.83115
1145	630	10.83239
1150	630	10.83433
0	635	9.90684
5	635	9.89247
10	635	9.90739
15	635	9.9
20	635	9.90302
25	635	9.8927
30	635	9.90417
35	635	9.89554
40	635	9.90086
45	635	9.90024
50	635	9.89744
55	635	9.89821
60	635	9.89703
65	635	9.89971
70	635	9.90506
75	635	9.90325
80	635	9.90844
85	635	9.90653
90	635	9.90011
95	635	9.91196
100	635	9.90338
105	635	9.90485
110	635	9.91032
115	635	9.90417
120	635	9.90069
125	635	9.90151
130	635	9.90258
135	635	9.90224
140	635	9.89848
145	635	9.90136
150	635	9.90535
155	635	9.90004
160	635	9.90576
165	635	9.90563
170	635	9.89586
175	635	9.90019
180	635	9.89907
185	635	9.89831
190	635	9.90087

EM wavele nm	EX wavele nm	R1 MicroAmps
195	635	9.90029
200	635	9.90551
205	635	9.90397
210	635	9.90321
215	635	9.912
220	635	9.90639
225	635	9.90422
230	635	9.9064
235	635	9.90281
240	635	9.90166
245	635	9.90757
250	635	9.89803
255	635	9.90259
260	635	9.90207
265	635	9.89213
270	635	9.89493
275	635	9.89407
280	635	9.90263
285	635	9.89583
290	635	9.90012
295	635	9.90426
300	635	9.90261
305	635	9.90186
310	635	9.91008
315	635	9.90373
320	635	9.90118
325	635	9.90973
330	635	9.89706
335	635	9.90587
340	635	9.90416
345	635	9.90749
350	635	9.90338
355	635	9.90448
360	635	9.91007
365	635	9.9026
370	635	9.90574
375	635	9.9031
380	635	9.90406
385	635	9.89036
390	635	9.90154
395	635	9.89405
400	635	9.88946
405	635	9.90012
410	635	9.89673
415	635	9.89273
420	635	9.90095
425	635	9.90323
430	635	9.90746
435	635	9.90578
440	635	9.90622
445	635	9.91064
450	635	9.9044
455	635	9.90645
460	635	9.90369
465	635	9.90276
470	635	9.90288
475	635	9.90334
480	635	9.90197
485	635	9.90389
490	635	9.90649
495	635	9.90356
500	635	9.90511
505	635	9.90241
510	635	9.90678

EM wavele nm	EX wavele nm	R1 MicroAmps
515	635	9.90433
520	635	9.89997
525	635	9.90547
530	635	9.90451
535	635	9.90391
540	635	9.90564
545	635	9.9119
550	635	9.91035
555	635	9.90218
560	635	9.91317
565	635	9.90593
570	635	9.90738
575	635	9.90086
580	635	9.90903
585	635	9.90423
590	635	9.90374
595	635	9.90534
600	635	9.90519
605	635	9.90015
610	635	9.8989
615	635	9.90757
620	635	9.90035
625	635	9.90765
630	635	9.90618
635	635	9.90531
640	635	9.90465
645	635	9.8995
650	635	9.90608
655	635	9.90549
660	635	9.90392
665	635	9.90188
670	635	9.90176
675	635	9.9032
680	635	9.89949
685	635	9.90387
690	635	9.9043
695	635	9.90203
700	635	9.90066
705	635	9.90884
710	635	9.90133
715	635	9.90112
720	635	9.8988
725	635	9.90295
730	635	9.90127
735	635	9.90267
740	635	9.90061
745	635	9.90249
750	635	9.90633
755	635	9.89498
760	635	9.90541
765	635	9.90185
770	635	9.89808
775	635	9.90291
780	635	9.90266
785	635	9.91124
790	635	9.90256
795	635	9.90982
800	635	9.90652
805	635	9.90809
810	635	9.90376
815	635	9.90705
820	635	9.90467
825	635	9.91194
830	635	9.90623

EM wavele nm	EX wavele nm	R1 MicroAmps
835	635	9.90443
840	635	9.90786
845	635	9.9058
850	635	9.90335
855	635	9.90334
860	635	9.91237
865	635	9.90983
870	635	9.90881
875	635	9.90763
880	635	9.90919
885	635	9.90529
890	635	9.90726
895	635	9.90393
900	635	9.9104
905	635	9.91629
910	635	9.91196
915	635	9.9127
920	635	9.90988
925	635	9.91532
930	635	9.90705
935	635	9.90899
940	635	9.91214
945	635	9.91093
950	635	9.91256
955	635	9.91257
960	635	9.91155
965	635	9.91822
970	635	9.9146
975	635	9.91211
980	635	9.9158
985	635	9.91293
990	635	9.90631
995	635	9.90443
1000	635	9.90547
1005	635	9.90705
1010	635	9.90355
1015	635	9.90011
1020	635	9.90079
1025	635	9.9035
1030	635	9.90515
1035	635	9.90432
1040	635	9.90953
1045	635	9.91065
1050	635	9.89905
1055	635	9.90961
1060	635	9.90699
1065	635	9.91314
1070	635	9.90761
1075	635	9.91404
1080	635	9.9138
1085	635	9.91225
1090	635	9.91739
1095	635	9.91124
1100	635	9.90766
1105	635	9.9048
1110	635	9.91235
1115	635	9.913
1120	635	9.90928
1125	635	9.91106
1130	635	9.90245
1135	635	9.91167
1140	635	9.90889
1145	635	9.911
1150	635	9.90856

EM wavele nm	EX wavele nm	R1 MicroAmps
0	640	9.87588
5	640	9.87675
10	640	9.88464
15	640	9.88537
20	640	9.88456
25	640	9.8888
30	640	9.88487
35	640	9.88601
40	640	9.88858
45	640	9.8913
50	640	9.90514
55	640	9.9009
60	640	9.89659
65	640	9.89547
70	640	9.89255
75	640	9.89505
80	640	9.89232
85	640	9.88801
90	640	9.88793
95	640	9.88579
100	640	9.8843
105	640	9.88213
110	640	9.88339
115	640	9.88886
120	640	9.88174
125	640	9.88736
130	640	9.89018
135	640	9.88589
140	640	9.88542
145	640	9.89394
150	640	9.89286
155	640	9.89084
160	640	9.88963
165	640	9.88851
170	640	9.88264
175	640	9.88547
180	640	9.88905
185	640	9.88518
190	640	9.88128
195	640	9.88284
200	640	9.88363
205	640	9.88085
210	640	9.88236
215	640	9.88801
220	640	9.87903
225	640	9.88533
230	640	9.8843
235	640	9.87954
240	640	9.87778
245	640	9.88258
250	640	9.88698
255	640	9.88242
260	640	9.88333
265	640	9.88261
270	640	9.88309
275	640	9.8773
280	640	9.8798
285	640	9.88098
290	640	9.87932
295	640	9.88297
300	640	9.88151
305	640	9.8814
310	640	9.88059
315	640	9.87996

EM wavele nm	EX wavele nm	R1 MicroAmps
320	640	9.87922
325	640	9.87922
330	640	9.88213
335	640	9.88116
340	640	9.88225
345	640	9.88332
350	640	9.881
355	640	9.88439
360	640	9.88238
365	640	9.88314
370	640	9.88077
375	640	9.8851
380	640	9.88394
385	640	9.87691
390	640	9.87997
395	640	9.8743
400	640	9.87087
405	640	9.88044
410	640	9.86993
415	640	9.87993
420	640	9.88147
425	640	9.87325
430	640	9.88076
435	640	9.87723
440	640	9.88153
445	640	9.8815
450	640	9.87836
455	640	9.88083
460	640	9.8753
465	640	9.87887
470	640	9.88181
475	640	9.87947
480	640	9.8771
485	640	9.88108
490	640	9.87379
495	640	9.88161
500	640	9.88004
505	640	9.87902
510	640	9.88656
515	640	9.87082
520	640	9.87897
525	640	9.87543
530	640	9.86977
535	640	9.88076
540	640	9.87578
545	640	9.87361
550	640	9.88013
555	640	9.87897
560	640	9.87951
565	640	9.87496
570	640	9.88262
575	640	9.88059
580	640	9.88027
585	640	9.88065
590	640	9.88144
595	640	9.87721
600	640	9.87333
605	640	9.88209
610	640	9.87906
615	640	9.88205
620	640	9.88373
625	640	9.88258
630	640	9.88324
635	640	9.88286

EM wavele nm	EX wavele nm	R1 MicroAmps
640	640	9.88744
645	640	9.87872
650	640	9.88265
655	640	9.88021
660	640	9.88089
665	640	9.88248
670	640	9.87664
675	640	9.88509
680	640	9.8848
685	640	9.877
690	640	9.88226
695	640	9.88174
700	640	9.8818
705	640	9.88332
710	640	9.88317
715	640	9.88332
720	640	9.88294
725	640	9.88021
730	640	9.87603
735	640	9.88054
740	640	9.88541
745	640	9.87832
750	640	9.87856
755	640	9.88242
760	640	9.88297
765	640	9.87537
770	640	9.88336
775	640	9.88019
780	640	9.88718
785	640	9.8805
790	640	9.8777
795	640	9.88017
800	640	9.87971
805	640	9.87678
810	640	9.87703
815	640	9.87555
820	640	9.88319
825	640	9.87608
830	640	9.88034
835	640	9.88144
840	640	9.87998
845	640	9.87992
850	640	9.8843
855	640	9.88602
860	640	9.88374
865	640	9.88298
870	640	9.87703
875	640	9.87902
880	640	9.87953
885	640	9.87589
890	640	9.86616
895	640	9.88087
900	640	9.87743
905	640	9.88361
910	640	9.87922
915	640	9.87844
920	640	9.88113
925	640	9.87889
930	640	9.87401
935	640	9.8785
940	640	9.88141
945	640	9.88107
950	640	9.8745
955	640	9.87956

EM wavele nm	EX wavele nm	R1 MicroAmps
960	640	9.87723
965	640	9.87519
970	640	9.88024
975	640	9.87896
980	640	9.87692
985	640	9.87708
990	640	9.87945
995	640	9.87986
1000	640	9.88108
1005	640	9.88052
1010	640	9.87531
1015	640	9.8792
1020	640	9.88439
1025	640	9.87232
1030	640	9.87877
1035	640	9.88303
1040	640	9.88352
1045	640	9.88564
1050	640	9.88405
1055	640	9.8853
1060	640	9.88299
1065	640	9.87678
1070	640	9.88314
1075	640	9.87249
1080	640	9.88033
1085	640	9.88111
1090	640	9.88223
1095	640	9.87758
1100	640	9.87991
1105	640	9.88182
1110	640	9.88465
1115	640	9.88152
1120	640	9.88056
1125	640	9.88447
1130	640	9.88046
1135	640	9.88087
1140	640	9.88022
1145	640	9.88233
1150	640	9.87638
0	645	11.05336
5	645	11.05956
10	645	11.05048
15	645	11.0551
20	645	11.05253
25	645	11.05697
30	645	11.05058
35	645	11.04825
40	645	11.05136
45	645	11.04833
50	645	11.04906
55	645	11.05506
60	645	11.05072
65	645	11.05673
70	645	11.05854
75	645	11.05607
80	645	11.06014
85	645	11.05596
90	645	11.05671
95	645	11.05722
100	645	11.05689
105	645	11.05674
110	645	11.05898
115	645	11.05486
120	645	11.05674

EM wavele nm	EX wavele nm	R1 MicroAmps
125	645	11.04725
130	645	11.05265
135	645	11.05914
140	645	11.05001
145	645	11.05317
150	645	11.05131
155	645	11.04979
160	645	11.04848
165	645	11.04853
170	645	11.046
175	645	11.04823
180	645	11.04875
185	645	11.05569
190	645	11.05011
195	645	11.05217
200	645	11.05836
205	645	11.05681
210	645	11.05027
215	645	11.05663
220	645	11.05156
225	645	11.04944
230	645	11.05613
235	645	11.05329
240	645	11.05611
245	645	11.05153
250	645	11.05481
255	645	11.05885
260	645	11.05532
265	645	11.05838
270	645	11.06544
275	645	11.05514
280	645	11.0617
285	645	11.06251
290	645	11.05493
295	645	11.05869
300	645	11.05691
305	645	11.06033
310	645	11.05819
315	645	11.05794
320	645	11.05628
325	645	11.05705
330	645	11.05669
335	645	11.06681
340	645	11.05364
345	645	11.05804
350	645	11.06083
355	645	11.05323
360	645	11.05887
365	645	11.05769
370	645	11.05516
375	645	11.04814
380	645	11.05845
385	645	11.05527
390	645	11.05358
395	645	11.05519
400	645	11.05114
405	645	11.06236
410	645	11.05449
415	645	11.06137
420	645	11.05731
425	645	11.05395
430	645	11.0641
435	645	11.05917
440	645	11.05916

EM wavele nm	EX wavele nm	R1 MicroAmps
445	645	11.05364
450	645	11.06648
455	645	11.06032
460	645	11.0589
465	645	11.06418
470	645	11.06362
475	645	11.05779
480	645	11.05867
485	645	11.05848
490	645	11.06153
495	645	11.06385
500	645	11.05216
505	645	11.06427
510	645	11.05494
515	645	11.04808
520	645	11.06129
525	645	11.05142
530	645	11.05517
535	645	11.05623
540	645	11.05442
545	645	11.06287
550	645	11.05778
555	645	11.0585
560	645	11.0709
565	645	11.05231
570	645	11.0568
575	645	11.06229
580	645	11.0493
585	645	11.05942
590	645	11.06677
595	645	11.05437
600	645	11.06177
605	645	11.06078
610	645	11.05775
615	645	11.05803
620	645	11.05266
625	645	11.05703
630	645	11.05502
635	645	11.05044
640	645	11.07079
645	645	11.06802
650	645	11.05952
655	645	11.06329
660	645	11.06291
665	645	11.06523
670	645	11.06103
675	645	11.06686
680	645	11.0654
685	645	11.06458
690	645	11.06944
695	645	11.06162
700	645	11.06619
705	645	11.06352
710	645	11.06409
715	645	11.06252
720	645	11.06503
725	645	11.05811
730	645	11.05508
735	645	11.06259
740	645	11.06391
745	645	11.05598
750	645	11.06456
755	645	11.05639
760	645	11.0652

EM wavele nm	EX wavele nm	R1 MicroAmps
765	645	11.05984
770	645	11.06258
775	645	11.06823
780	645	11.06456
785	645	11.0608
790	645	11.06279
795	645	11.06425
800	645	11.06192
805	645	11.06085
810	645	11.0583
815	645	11.05971
820	645	11.05827
825	645	11.05379
830	645	11.04863
835	645	11.06136
840	645	11.05208
845	645	11.06038
850	645	11.05494
855	645	11.06547
860	645	11.06017
865	645	11.057
870	645	11.06204
875	645	11.05987
880	645	11.05199
885	645	11.05714
890	645	11.05451
895	645	11.05838
900	645	11.05898
905	645	11.05582
910	645	11.06672
915	645	11.06408
920	645	11.06273
925	645	11.0666
930	645	11.06387
935	645	11.06987
940	645	11.06445
945	645	11.0629
950	645	11.06672
955	645	11.06459
960	645	11.06264
965	645	11.05821
970	645	11.063
975	645	11.06309
980	645	11.05922
985	645	11.05798
990	645	11.06169
995	645	11.05761
1000	645	11.0605
1005	645	11.05743
1010	645	11.05878
1015	645	11.05469
1020	645	11.05768
1025	645	11.06081
1030	645	11.05784
1035	645	11.06406
1040	645	11.05762
1045	645	11.06159
1050	645	11.06329
1055	645	11.06589
1060	645	11.06464
1065	645	11.06026
1070	645	11.06287
1075	645	11.06197
1080	645	11.06086

EM wavele nm	EX wavele nm	R1 MicroAmps
1085	645	11.0569
1090	645	11.05711
1095	645	11.06175
1100	645	11.061
1105	645	11.05723
1110	645	11.05237
1115	645	11.05571
1120	645	11.05827
1125	645	11.05188
1130	645	11.05666
1135	645	11.05184
1140	645	11.04263
1145	645	11.05743
1150	645	11.05831
0	650	12.43008
5	650	12.4205
10	650	12.42577
15	650	12.43099
20	650	12.42234
25	650	12.43195
30	650	12.43003
35	650	12.43189
40	650	12.42536
45	650	12.43081
50	650	12.42784
55	650	12.42468
60	650	12.42401
65	650	12.42467
70	650	12.42051
75	650	12.4253
80	650	12.42797
85	650	12.42921
90	650	12.42923
95	650	12.43583
100	650	12.42856
105	650	12.42973
110	650	12.42262
115	650	12.42517
120	650	12.42194
125	650	12.42226
130	650	12.4218
135	650	12.42168
140	650	12.4225
145	650	12.41959
150	650	12.42044
155	650	12.41791
160	650	12.42329
165	650	12.42263
170	650	12.42807
175	650	12.43016
180	650	12.42851
185	650	12.42563
190	650	12.42567
195	650	12.42589
200	650	12.42098
205	650	12.4233
210	650	12.42419
215	650	12.41852
220	650	12.42373
225	650	12.42833
230	650	12.42755
235	650	12.4219
240	650	12.42477
245	650	12.41642

EM wavele nm	EX wavele nm	R1 MicroAmps
250	650	12.42393
255	650	12.4252
260	650	12.42545
265	650	12.42869
270	650	12.42369
275	650	12.42482
280	650	12.42889
285	650	12.42755
290	650	12.42575
295	650	12.43365
300	650	12.41482
305	650	12.42834
310	650	12.42712
315	650	12.42173
320	650	12.42825
325	650	12.42125
330	650	12.4263
335	650	12.41611
340	650	12.42752
345	650	12.42085
350	650	12.42213
355	650	12.42201
360	650	12.42573
365	650	12.41616
370	650	12.42584
375	650	12.43189
380	650	12.42084
385	650	12.42986
390	650	12.42833
395	650	12.42727
400	650	12.42558
405	650	12.42981
410	650	12.43
415	650	12.42858
420	650	12.42797
425	650	12.4348
430	650	12.42471
435	650	12.42191
440	650	12.42294
445	650	12.42089
450	650	12.41902
455	650	12.42685
460	650	12.42505
465	650	12.42049
470	650	12.42334
475	650	12.42124
480	650	12.42435
485	650	12.4306
490	650	12.42536
495	650	12.42473
500	650	12.43204
505	650	12.4316
510	650	12.42701
515	650	12.43175
520	650	12.42473
525	650	12.42916
530	650	12.42263
535	650	12.42663
540	650	12.42348
545	650	12.41985
550	650	12.42501
555	650	12.42503
560	650	12.42554
565	650	12.42061

EM wavele nm	EX wavele nm	R1 MicroAmps
570	650	12.43201
575	650	12.4269
580	650	12.42235
585	650	12.42662
590	650	12.4252
595	650	12.41932
600	650	12.42188
605	650	12.41703
610	650	12.41697
615	650	12.414
620	650	12.42393
625	650	12.42762
630	650	12.41601
635	650	12.42526
640	650	12.42429
645	650	12.42226
650	650	12.42686
655	650	12.42434
660	650	12.42972
665	650	12.43115
670	650	12.43662
675	650	12.42934
680	650	12.43994
685	650	12.43513
690	650	12.43138
695	650	12.43397
700	650	12.43944
705	650	12.4346
710	650	12.43027
715	650	12.43923
720	650	12.427
725	650	12.42895
730	650	12.43042
735	650	12.42456
740	650	12.42791
745	650	12.42278
750	650	12.42542
755	650	12.42715
760	650	12.431
765	650	12.42594
770	650	12.42431
775	650	12.4341
780	650	12.42842
785	650	12.42941
790	650	12.42832
795	650	12.42988
800	650	12.42412
805	650	12.42616
810	650	12.42062
815	650	12.42339
820	650	12.42242
825	650	12.42432
830	650	12.40965
835	650	12.42902
840	650	12.43059
845	650	12.41901
850	650	12.43476
855	650	12.42652
860	650	12.43065
865	650	12.43197
870	650	12.43056
875	650	12.43238
880	650	12.42643
885	650	12.43776

EM wavele nm	EX wavele nm	R1 MicroAmps
890	650	12.4297
895	650	12.43539
900	650	12.42913
905	650	12.42094
910	650	12.42741
915	650	12.4228
920	650	12.41924
925	650	12.42319
930	650	12.423
935	650	12.42821
940	650	12.423
945	650	12.43008
950	650	12.42676
955	650	12.42619
960	650	12.42371
965	650	12.4204
970	650	12.42954
975	650	12.42454
980	650	12.42804
985	650	12.42591
990	650	12.43172
995	650	12.42961
1000	650	12.42994
1005	650	12.42327
1010	650	12.43028
1015	650	12.43093
1020	650	12.42401
1025	650	12.42607
1030	650	12.44489
1035	650	12.44622
1040	650	12.4453
1045	650	12.43643
1050	650	12.4348
1055	650	12.43502
1060	650	12.43292
1065	650	12.43498
1070	650	12.42941
1075	650	12.4351
1080	650	12.42446
1085	650	12.4328
1090	650	12.42314
1095	650	12.43659
1100	650	12.4396
1105	650	12.43182
1110	650	12.42962
1115	650	12.42976
1120	650	12.43072
1125	650	12.42515
1130	650	12.43285
1135	650	12.42839
1140	650	12.42818
1145	650	12.42977
1150	650	12.42421
0	655	12.85063
5	655	12.85456
10	655	12.85153
15	655	12.85505
20	655	12.85662
25	655	12.85419
30	655	12.84805
35	655	12.85487
40	655	12.85283
45	655	12.84909
50	655	12.85211

EM wavele nm	EX wavele nm	R1 MicroAmps
55	655	12.84876
60	655	12.84881
65	655	12.85429
70	655	12.85028
75	655	12.85611
80	655	12.84887
85	655	12.85375
90	655	12.85553
95	655	12.85191
100	655	12.85777
105	655	12.85051
110	655	12.84696
115	655	12.8503
120	655	12.84885
125	655	12.85064
130	655	12.84542
135	655	12.84422
140	655	12.84955
145	655	12.8451
150	655	12.83992
155	655	12.85532
160	655	12.84163
165	655	12.85081
170	655	12.86069
175	655	12.8482
180	655	12.85261
185	655	12.85825
190	655	12.852
195	655	12.85546
200	655	12.8499
205	655	12.84869
210	655	12.85545
215	655	12.84453
220	655	12.84976
225	655	12.85284
230	655	12.84341
235	655	12.85099
240	655	12.84572
245	655	12.84252
250	655	12.8485
255	655	12.84498
260	655	12.83768
265	655	12.84543
270	655	12.84497
275	655	12.84049
280	655	12.84161
285	655	12.84417
290	655	12.84772
295	655	12.84975
300	655	12.85182
305	655	12.85311
310	655	12.84315
315	655	12.84785
320	655	12.85181
325	655	12.8463
330	655	12.84381
335	655	12.84986
340	655	12.84178
345	655	12.84914
350	655	12.84925
355	655	12.85268
360	655	12.84922
365	655	12.85765
370	655	12.84604

EM wavele nm	EX wavele nm	R1 MicroAmps
375	655	12.86048
380	655	12.8471
385	655	12.85957
390	655	12.85221
395	655	12.84595
400	655	12.85069
405	655	12.84169
410	655	12.84295
415	655	12.8447
420	655	12.84391
425	655	12.83937
430	655	12.844
435	655	12.84436
440	655	12.8442
445	655	12.85397
450	655	12.84403
455	655	12.85117
460	655	12.85342
465	655	12.85626
470	655	12.8488
475	655	12.85249
480	655	12.84863
485	655	12.85724
490	655	12.84371
495	655	12.84501
500	655	12.84552
505	655	12.84334
510	655	12.84844
515	655	12.84144
520	655	12.85124
525	655	12.83647
530	655	12.85242
535	655	12.85492
540	655	12.84955
545	655	12.85342
550	655	12.85629
555	655	12.85768
560	655	12.84746
565	655	12.85477
570	655	12.84214
575	655	12.85439
580	655	12.83936
585	655	12.85541
590	655	12.84379
595	655	12.85173
600	655	12.85208
605	655	12.86518
610	655	12.85817
615	655	12.86005
620	655	12.8572
625	655	12.85729
630	655	12.86175
635	655	12.85469
640	655	12.85495
645	655	12.84795
650	655	12.85227
655	655	12.8539
660	655	12.84974
665	655	12.85598
670	655	12.85222
675	655	12.85326
680	655	12.85102
685	655	12.85122
690	655	12.85668

EM wavele nm	EX wavele nm	R1 MicroAmps
695	655	12.84866
700	655	12.85877
705	655	12.8521
710	655	12.84752
715	655	12.85894
720	655	12.85332
725	655	12.86094
730	655	12.85606
735	655	12.8538
740	655	12.859
745	655	12.85571
750	655	12.8499
755	655	12.85581
760	655	12.85186
765	655	12.84918
770	655	12.85423
775	655	12.85285
780	655	12.85842
785	655	12.85742
790	655	12.85238
795	655	12.85336
800	655	12.85278
805	655	12.83893
810	655	12.84686
815	655	12.85327
820	655	12.84212
825	655	12.84931
830	655	12.84925
835	655	12.85163
840	655	12.86094
845	655	12.84918
850	655	12.85367
855	655	12.85771
860	655	12.84706
865	655	12.85447
870	655	12.85528
875	655	12.85466
880	655	12.8544
885	655	12.85205
890	655	12.85373
895	655	12.85365
900	655	12.84442
905	655	12.85019
910	655	12.84269
915	655	12.84716
920	655	12.84222
925	655	12.84534
930	655	12.84642
935	655	12.84293
940	655	12.8476
945	655	12.84372
950	655	12.85025
955	655	12.84992
960	655	12.84286
965	655	12.84744
970	655	12.8467
975	655	12.85138
980	655	12.84631
985	655	12.84958
990	655	12.84847
995	655	12.84754
1000	655	12.85552
1005	655	12.84777
1010	655	12.85112

EM wavele nm	EX wavele nm	R1 MicroAmps
1015	655	12.85611
1020	655	12.8399
1025	655	12.83438
1030	655	12.83832
1035	655	12.83375
1040	655	12.84115
1045	655	12.84461
1050	655	12.85499
1055	655	12.84805
1060	655	12.84598
1065	655	12.84331
1070	655	12.84183
1075	655	12.82958
1080	655	12.84132
1085	655	12.83656
1090	655	12.83995
1095	655	12.83977
1100	655	12.84572
1105	655	12.84679
1110	655	12.84499
1115	655	12.83818
1120	655	12.8524
1125	655	12.85187
1130	655	12.84337
1135	655	12.84922
1140	655	12.85068
1145	655	12.84421
1150	655	12.84708
0	660	13.36305
5	660	13.36176
10	660	13.36553
15	660	13.36521
20	660	13.35718
25	660	13.37539
30	660	13.36147
35	660	13.36958
40	660	13.37023
45	660	13.37058
50	660	13.36797
55	660	13.37287
60	660	13.36359
65	660	13.36645
70	660	13.37003
75	660	13.3727
80	660	13.36577
85	660	13.37472
90	660	13.3673
95	660	13.37084
100	660	13.37559
105	660	13.3765
110	660	13.37442
115	660	13.36813
120	660	13.37817
125	660	13.37312
130	660	13.36905
135	660	13.37257
140	660	13.36869
145	660	13.37006
150	660	13.37078
155	660	13.37524
160	660	13.36898
165	660	13.37203
170	660	13.37311
175	660	13.36946

EM wavele nm	EX wavele nm	R1 MicroAmps
180	660	13.37049
185	660	13.37016
190	660	13.37193
195	660	13.36735
200	660	13.37022
205	660	13.37998
210	660	13.36622
215	660	13.38253
220	660	13.37139
225	660	13.37112
230	660	13.37382
235	660	13.37745
240	660	13.37144
245	660	13.37359
250	660	13.37832
255	660	13.3741
260	660	13.37237
265	660	13.37208
270	660	13.36767
275	660	13.36505
280	660	13.3674
285	660	13.36723
290	660	13.36125
295	660	13.37578
300	660	13.36991
305	660	13.36335
310	660	13.37437
315	660	13.36432
320	660	13.36956
325	660	13.36846
330	660	13.37635
335	660	13.37283
340	660	13.36879
345	660	13.36906
350	660	13.37036
355	660	13.37333
360	660	13.36307
365	660	13.37721
370	660	13.37041
375	660	13.37485
380	660	13.38193
385	660	13.36767
390	660	13.38203
395	660	13.36876
400	660	13.37411
405	660	13.36944
410	660	13.36898
415	660	13.36484
420	660	13.37022
425	660	13.35542
430	660	13.3693
435	660	13.36012
440	660	13.36211
445	660	13.3707
450	660	13.36767
455	660	13.37352
460	660	13.36502
465	660	13.37775
470	660	13.36613
475	660	13.37177
480	660	13.37178
485	660	13.37017
490	660	13.36114
495	660	13.36092

EM wavele nm	EX wavele nm	R1 MicroAmps
500	660	13.36647
505	660	13.36743
510	660	13.36858
515	660	13.37119
520	660	13.36987
525	660	13.36411
530	660	13.3714
535	660	13.37046
540	660	13.36325
545	660	13.37357
550	660	13.36659
555	660	13.36656
560	660	13.36984
565	660	13.3756
570	660	13.36978
575	660	13.36894
580	660	13.37004
585	660	13.37082
590	660	13.37305
595	660	13.36288
600	660	13.37342
605	660	13.37449
610	660	13.36416
615	660	13.36904
620	660	13.37002
625	660	13.36784
630	660	13.36968
635	660	13.37214
640	660	13.37048
645	660	13.36751
650	660	13.36403
655	660	13.36631
660	660	13.36032
665	660	13.36038
670	660	13.35966
675	660	13.35526
680	660	13.35535
685	660	13.3615
690	660	13.3638
695	660	13.35825
700	660	13.36337
705	660	13.37571
710	660	13.36272
715	660	13.37473
720	660	13.36628
725	660	13.36813
730	660	13.3698
735	660	13.36266
740	660	13.36946
745	660	13.37327
750	660	13.36752
755	660	13.3666
760	660	13.36279
765	660	13.36824
770	660	13.35846
775	660	13.36429
780	660	13.36631
785	660	13.35919
790	660	13.37167
795	660	13.36963
800	660	13.36868
805	660	13.37823
810	660	13.36544
815	660	13.3703

EM wavele nm	EX wavele nm	R1 MicroAmps
820	660	13.37549
825	660	13.36555
830	660	13.37351
835	660	13.36436
840	660	13.36688
845	660	13.37105
850	660	13.36058
855	660	13.36472
860	660	13.35768
865	660	13.36202
870	660	13.36179
875	660	13.35682
880	660	13.3604
885	660	13.35857
890	660	13.35951
895	660	13.36743
900	660	13.36956
905	660	13.36368
910	660	13.3625
915	660	13.37506
920	660	13.37129
925	660	13.36067
930	660	13.36929
935	660	13.36329
940	660	13.37033
945	660	13.36904
950	660	13.36969
955	660	13.36691
960	660	13.37195
965	660	13.37323
970	660	13.36319
975	660	13.37004
980	660	13.37751
985	660	13.36186
990	660	13.38166
995	660	13.36947
1000	660	13.37033
1005	660	13.36824
1010	660	13.36253
1015	660	13.37265
1020	660	13.36788
1025	660	13.36865
1030	660	13.3727
1035	660	13.37116
1040	660	13.37354
1045	660	13.37105
1050	660	13.36638
1055	660	13.3739
1060	660	13.3669
1065	660	13.36822
1070	660	13.36205
1075	660	13.36541
1080	660	13.36768
1085	660	13.36475
1090	660	13.36641
1095	660	13.35969
1100	660	13.36531
1105	660	13.36726
1110	660	13.35757
1115	660	13.36705
1120	660	13.3614
1125	660	13.37228
1130	660	13.36707
1135	660	13.36718

EM wavele nm	EX wavele nm	R1 MicroAmps
1140	660	13.35978
1145	660	13.37269
1150	660	13.36409
0	665	13.77955
5	665	13.77448
10	665	13.7746
15	665	13.77384
20	665	13.75967
25	665	13.77011
30	665	13.77623
35	665	13.76338
40	665	13.7798
45	665	13.77678
50	665	13.76798
55	665	13.77565
60	665	13.7738
65	665	13.77797
70	665	13.77868
75	665	13.77969
80	665	13.78689
85	665	13.77233
90	665	13.77397
95	665	13.77706
100	665	13.77617
105	665	13.77653
110	665	13.77828
115	665	13.76941
120	665	13.78022
125	665	13.77997
130	665	13.77054
135	665	13.78199
140	665	13.77746
145	665	13.78362
150	665	13.78744
155	665	13.78309
160	665	13.78585
165	665	13.78117
170	665	13.78323
175	665	13.78455
180	665	13.7693
185	665	13.77749
190	665	13.77721
195	665	13.77092
200	665	13.77969
205	665	13.77205
210	665	13.76738
215	665	13.78079
220	665	13.77525
225	665	13.7772
230	665	13.78227
235	665	13.77339
240	665	13.78525
245	665	13.77444
250	665	13.77503
255	665	13.78865
260	665	13.77282
265	665	13.78419
270	665	13.78916
275	665	13.77892
280	665	13.78269
285	665	13.78256
290	665	13.7777
295	665	13.78186
300	665	13.77854

EM wavele nm	EX wavele nm	R1 MicroAmps
305	665	13.78234
310	665	13.78138
315	665	13.78031
320	665	13.7894
325	665	13.78313
330	665	13.77794
335	665	13.78897
340	665	13.77915
345	665	13.78407
350	665	13.78147
355	665	13.77716
360	665	13.77634
365	665	13.7806
370	665	13.78272
375	665	13.78127
380	665	13.78091
385	665	13.78694
390	665	13.78624
395	665	13.78028
400	665	13.78544
405	665	13.78435
410	665	13.77561
415	665	13.78319
420	665	13.7865
425	665	13.77916
430	665	13.78125
435	665	13.77966
440	665	13.78309
445	665	13.77709
450	665	13.78282
455	665	13.77883
460	665	13.77761
465	665	13.77451
470	665	13.78401
475	665	13.7887
480	665	13.77854
485	665	13.78389
490	665	13.77946
495	665	13.77647
500	665	13.78334
505	665	13.77957
510	665	13.7831
515	665	13.77698
520	665	13.7839
525	665	13.78307
530	665	13.77723
535	665	13.7792
540	665	13.77865
545	665	13.77134
550	665	13.78512
555	665	13.77616
560	665	13.77967
565	665	13.77404
570	665	13.78177
575	665	13.78167
580	665	13.77627
585	665	13.77385
590	665	13.77835
595	665	13.77748
600	665	13.78262
605	665	13.78619
610	665	13.78377
615	665	13.79596
620	665	13.79481

EM wavele nm	EX wavele nm	R1 MicroAmps
625	665	13.7933
630	665	13.79651
635	665	13.79457
640	665	13.789
645	665	13.79406
650	665	13.78437
655	665	13.8152
660	665	13.81908
665	665	13.8086
670	665	13.80478
675	665	13.79708
680	665	13.80399
685	665	13.7946
690	665	13.79299
695	665	13.79032
700	665	13.78916
705	665	13.79389
710	665	13.78776
715	665	13.7843
720	665	13.79585
725	665	13.78374
730	665	13.78482
735	665	13.79391
740	665	13.78784
745	665	13.78377
750	665	13.78761
755	665	13.78387
760	665	13.79153
765	665	13.78497
770	665	13.78475
775	665	13.78798
780	665	13.78603
785	665	13.79067
790	665	13.78691
795	665	13.79219
800	665	13.7909
805	665	13.78827
810	665	13.79269
815	665	13.78488
820	665	13.79172
825	665	13.78975
830	665	13.78898
835	665	13.78221
840	665	13.78367
845	665	13.79966
850	665	13.78391
855	665	13.78576
860	665	13.7879
865	665	13.7903
870	665	13.7806
875	665	13.7854
880	665	13.78472
885	665	13.78596
890	665	13.79433
895	665	13.78798
900	665	13.7915
905	665	13.78937
910	665	13.79238
915	665	13.78405
920	665	13.7923
925	665	13.79378
930	665	13.78389
935	665	13.78954
940	665	13.78024

EM wavele nm	EX wavele nm	R1 MicroAmps
945	665	13.7804
950	665	13.78384
955	665	13.78094
960	665	13.79087
965	665	13.78577
970	665	13.79094
975	665	13.78702
980	665	13.79044
985	665	13.78913
990	665	13.78457
995	665	13.78631
1000	665	13.78557
1005	665	13.7834
1010	665	13.78635
1015	665	13.77266
1020	665	13.7864
1025	665	13.78767
1030	665	13.77969
1035	665	13.78472
1040	665	13.77457
1045	665	13.79219
1050	665	13.78399
1055	665	13.78687
1060	665	13.78514
1065	665	13.78585
1070	665	13.79036
1075	665	13.79227
1080	665	13.7781
1085	665	13.79336
1090	665	13.77733
1095	665	13.79419
1100	665	13.78461
1105	665	13.7819
1110	665	13.786
1115	665	13.7877
1120	665	13.7854
1125	665	13.78547
1130	665	13.78231
1135	665	13.78967
1140	665	13.78623
1145	665	13.78612
1150	665	13.78547
0	670	13.7181
5	670	13.71888
10	670	13.72142
15	670	13.72046
20	670	13.7202
25	670	13.72458
30	670	13.71893
35	670	13.72095
40	670	13.72196
45	670	13.71529
50	670	13.71317
55	670	13.72462
60	670	13.70624
65	670	13.7122
70	670	13.71634
75	670	13.70833
80	670	13.71131
85	670	13.71654
90	670	13.71649
95	670	13.71023
100	670	13.7124
105	670	13.72109

EM wavele nm	EX wavele nm	R1 MicroAmps
110	670	13.71202
115	670	13.71849
120	670	13.71988
125	670	13.72187
130	670	13.71604
135	670	13.72259
140	670	13.71143
145	670	13.71122
150	670	13.71556
155	670	13.71102
160	670	13.71855
165	670	13.71919
170	670	13.70986
175	670	13.71491
180	670	13.71703
185	670	13.71646
190	670	13.71916
195	670	13.71099
200	670	13.72071
205	670	13.71434
210	670	13.71178
215	670	13.71809
220	670	13.70993
225	670	13.71606
230	670	13.71227
235	670	13.71538
240	670	13.7137
245	670	13.71328
250	670	13.71543
255	670	13.71745
260	670	13.71518
265	670	13.72492
270	670	13.72193
275	670	13.71846
280	670	13.71491
285	670	13.7176
290	670	13.71494
295	670	13.71885
300	670	13.71523
305	670	13.72249
310	670	13.71345
315	670	13.71365
320	670	13.71788
325	670	13.71134
330	670	13.71257
335	670	13.70938
340	670	13.70976
345	670	13.70946
350	670	13.71911
355	670	13.71282
360	670	13.71572
365	670	13.71738
370	670	13.7113
375	670	13.71533
380	670	13.71449
385	670	13.71636
390	670	13.71256
395	670	13.72041
400	670	13.71333
405	670	13.70813
410	670	13.70777
415	670	13.70423
420	670	13.71327
425	670	13.69979

EM wavele nm	EX wavele nm	R1 MicroAmps
430	670	13.71499
435	670	13.70209
440	670	13.70337
445	670	13.70271
450	670	13.70625
455	670	13.70059
460	670	13.70454
465	670	13.70435
470	670	13.71335
475	670	13.71155
480	670	13.7088
485	670	13.71227
490	670	13.70464
495	670	13.7173
500	670	13.70276
505	670	13.70967
510	670	13.70258
515	670	13.71706
520	670	13.70139
525	670	13.70928
530	670	13.71712
535	670	13.71121
540	670	13.71424
545	670	13.70103
550	670	13.71746
555	670	13.70084
560	670	13.71071
565	670	13.71503
570	670	13.71405
575	670	13.71044
580	670	13.71165
585	670	13.7141
590	670	13.71264
595	670	13.71007
600	670	13.71005
605	670	13.71339
610	670	13.70878
615	670	13.71658
620	670	13.7141
625	670	13.7123
630	670	13.71771
635	670	13.71314
640	670	13.71575
645	670	13.70918
650	670	13.7131
655	670	13.71318
660	670	13.71178
665	670	13.70743
670	670	13.70622
675	670	13.71157
680	670	13.70896
685	670	13.70594
690	670	13.70944
695	670	13.71306
700	670	13.71425
705	670	13.70949
710	670	13.71557
715	670	13.71455
720	670	13.71302
725	670	13.70234
730	670	13.71598
735	670	13.71211
740	670	13.70948
745	670	13.70625

EM wavele nm	EX wavele nm	R1 MicroAmps
750	670	13.71051
755	670	13.71256
760	670	13.70773
765	670	13.70948
770	670	13.71706
775	670	13.71386
780	670	13.70612
785	670	13.69772
790	670	13.70255
795	670	13.70911
800	670	13.70253
805	670	13.70683
810	670	13.70405
815	670	13.71379
820	670	13.7081
825	670	13.7003
830	670	13.71851
835	670	13.71201
840	670	13.71029
845	670	13.71369
850	670	13.72126
855	670	13.72148
860	670	13.71768
865	670	13.72024
870	670	13.71393
875	670	13.70798
880	670	13.71545
885	670	13.7011
890	670	13.70371
895	670	13.71507
900	670	13.70375
905	670	13.70456
910	670	13.71377
915	670	13.70907
920	670	13.71136
925	670	13.71138
930	670	13.7175
935	670	13.71316
940	670	13.71622
945	670	13.71573
950	670	13.71351
955	670	13.71628
960	670	13.71718
965	670	13.69962
970	670	13.70508
975	670	13.71504
980	670	13.70528
985	670	13.70216
990	670	13.71741
995	670	13.7159
1000	670	13.71811
1005	670	13.70942
1010	670	13.71507
1015	670	13.72186
1020	670	13.71069
1025	670	13.71167
1030	670	13.70416
1035	670	13.71518
1040	670	13.71326
1045	670	13.70774
1050	670	13.71418
1055	670	13.70784
1060	670	13.71776
1065	670	13.72032

EM wavele nm	EX wavele nm	R1 MicroAmps
1070	670	13.70685
1075	670	13.71175
1080	670	13.71108
1085	670	13.7087
1090	670	13.70935
1095	670	13.70945
1100	670	13.71263
1105	670	13.7174
1110	670	13.7152
1115	670	13.716
1120	670	13.71018
1125	670	13.71419
1130	670	13.70781
1135	670	13.713
1140	670	13.70061
1145	670	13.71357
1150	670	13.71106
0	675	13.30781
5	675	13.30186
10	675	13.3097
15	675	13.29968
20	675	13.31399
25	675	13.30136
30	675	13.30524
35	675	13.31007
40	675	13.29466
45	675	13.30401
50	675	13.30378
55	675	13.30363
60	675	13.29431
65	675	13.2974
70	675	13.2973
75	675	13.29829
80	675	13.30683
85	675	13.30374
90	675	13.30477
95	675	13.30062
100	675	13.30083
105	675	13.30501
110	675	13.29591
115	675	13.30749
120	675	13.31271
125	675	13.30523
130	675	13.30589
135	675	13.3045
140	675	13.30195
145	675	13.29637
150	675	13.29443
155	675	13.30144
160	675	13.297
165	675	13.29957
170	675	13.30505
175	675	13.30482
180	675	13.2972
185	675	13.30368
190	675	13.30444
195	675	13.29488
200	675	13.30367
205	675	13.30199
210	675	13.29612
215	675	13.30702
220	675	13.30187
225	675	13.29569
230	675	13.30045

EM wavele nm	EX wavele nm	R1 MicroAmps
235	675	13.29957
240	675	13.30132
245	675	13.30352
250	675	13.29985
255	675	13.31356
260	675	13.29596
265	675	13.30666
270	675	13.30396
275	675	13.29769
280	675	13.30526
285	675	13.30526
290	675	13.30883
295	675	13.30561
300	675	13.31079
305	675	13.30232
310	675	13.30982
315	675	13.30052
320	675	13.30617
325	675	13.31284
330	675	13.29993
335	675	13.31165
340	675	13.30951
345	675	13.30832
350	675	13.3055
355	675	13.30851
360	675	13.305
365	675	13.31281
370	675	13.30407
375	675	13.30827
380	675	13.30818
385	675	13.30408
390	675	13.31227
395	675	13.30891
400	675	13.30877
405	675	13.30352
410	675	13.30618
415	675	13.29622
420	675	13.2978
425	675	13.30447
430	675	13.29798
435	675	13.30342
440	675	13.30469
445	675	13.3068
450	675	13.30749
455	675	13.30351
460	675	13.30811
465	675	13.3105
470	675	13.30527
475	675	13.30697
480	675	13.31342
485	675	13.30992
490	675	13.31305
495	675	13.30962
500	675	13.30318
505	675	13.30314
510	675	13.30451
515	675	13.31074
520	675	13.30557
525	675	13.31022
530	675	13.30892
535	675	13.31024
540	675	13.30018
545	675	13.30558
550	675	13.30357

EM wavele nm	EX wavele nm	R1 MicroAmps
555	675	13.30107
560	675	13.30108
565	675	13.30242
570	675	13.30718
575	675	13.30139
580	675	13.30395
585	675	13.31152
590	675	13.30748
595	675	13.29768
600	675	13.30317
605	675	13.30809
610	675	13.29663
615	675	13.30859
620	675	13.30987
625	675	13.31092
630	675	13.30623
635	675	13.31601
640	675	13.31338
645	675	13.31095
650	675	13.31424
655	675	13.3099
660	675	13.32083
665	675	13.30185
670	675	13.30527
675	675	13.31331
680	675	13.30463
685	675	13.29882
690	675	13.30448
695	675	13.31035
700	675	13.30759
705	675	13.30785
710	675	13.30024
715	675	13.31507
720	675	13.3037
725	675	13.29933
730	675	13.30619
735	675	13.30988
740	675	13.30957
745	675	13.30069
750	675	13.30794
755	675	13.3005
760	675	13.29974
765	675	13.30397
770	675	13.29893
775	675	13.31072
780	675	13.30361
785	675	13.30837
790	675	13.30414
795	675	13.30828
800	675	13.31103
805	675	13.29719
810	675	13.30589
815	675	13.30569
820	675	13.3077
825	675	13.31231
830	675	13.3043
835	675	13.3082
840	675	13.30676
845	675	13.30743
850	675	13.30208
855	675	13.29782
860	675	13.30193
865	675	13.29095
870	675	13.29926

EM wavele nm	EX wavele nm	R1 MicroAmps
875	675	13.29363
880	675	13.29825
885	675	13.2954
890	675	13.28777
895	675	13.30124
900	675	13.29442
905	675	13.29921
910	675	13.29715
915	675	13.30126
920	675	13.30748
925	675	13.30588
930	675	13.30006
935	675	13.29812
940	675	13.30118
945	675	13.30521
950	675	13.3017
955	675	13.30462
960	675	13.30535
965	675	13.3068
970	675	13.30337
975	675	13.30015
980	675	13.31017
985	675	13.31436
990	675	13.30131
995	675	13.3132
1000	675	13.30402
1005	675	13.30834
1010	675	13.31242
1015	675	13.30159
1020	675	13.30838
1025	675	13.30605
1030	675	13.2998
1035	675	13.29887
1040	675	13.29719
1045	675	13.30276
1050	675	13.30024
1055	675	13.30632
1060	675	13.31165
1065	675	13.3064
1070	675	13.31456
1075	675	13.3078
1080	675	13.31149
1085	675	13.31426
1090	675	13.31705
1095	675	13.31147
1100	675	13.31076
1105	675	13.31232
1110	675	13.30021
1115	675	13.31183
1120	675	13.30989
1125	675	13.31169
1130	675	13.30991
1135	675	13.30934
1140	675	13.31547
1145	675	13.30745
1150	675	13.31073
0	680	13.21325
5	680	13.21285
10	680	13.21162
15	680	13.21612
20	680	13.21331
25	680	13.1929
30	680	13.20796
35	680	13.20992

EM wavele nm	EX wavele nm	R1 MicroAmps
40	680	13.20602
45	680	13.20662
50	680	13.20808
55	680	13.20372
60	680	13.21058
65	680	13.20795
70	680	13.20728
75	680	13.20945
80	680	13.21082
85	680	13.2083
90	680	13.2129
95	680	13.21206
100	680	13.22126
105	680	13.21015
110	680	13.20655
115	680	13.21681
120	680	13.21225
125	680	13.21276
130	680	13.21741
135	680	13.20161
140	680	13.21487
145	680	13.20704
150	680	13.2063
155	680	13.2093
160	680	13.20366
165	680	13.21934
170	680	13.20474
175	680	13.20197
180	680	13.20699
185	680	13.20144
190	680	13.1979
195	680	13.2068
200	680	13.20904
205	680	13.19945
210	680	13.21026
215	680	13.19923
220	680	13.20572
225	680	13.20084
230	680	13.19868
235	680	13.20389
240	680	13.20122
245	680	13.21589
250	680	13.21432
255	680	13.20706
260	680	13.20995
265	680	13.21215
270	680	13.21165
275	680	13.21089
280	680	13.21581
285	680	13.21403
290	680	13.20528
295	680	13.20936
300	680	13.20693
305	680	13.20295
310	680	13.21213
315	680	13.20492
320	680	13.20891
325	680	13.21359
330	680	13.2127
335	680	13.22414
340	680	13.2075
345	680	13.21616
350	680	13.22013
355	680	13.21517

EM wavele nm	EX wavele nm	R1 MicroAmps
360	680	13.21551
365	680	13.21902
370	680	13.21478
375	680	13.21704
380	680	13.21357
385	680	13.21128
390	680	13.21583
395	680	13.21252
400	680	13.2104
405	680	13.21497
410	680	13.20942
415	680	13.2177
420	680	13.21636
425	680	13.21266
430	680	13.21548
435	680	13.21414
440	680	13.2141
445	680	13.21202
450	680	13.21102
455	680	13.21406
460	680	13.20804
465	680	13.20695
470	680	13.21575
475	680	13.20306
480	680	13.20311
485	680	13.20963
490	680	13.21163
495	680	13.20994
500	680	13.20874
505	680	13.21051
510	680	13.20925
515	680	13.20744
520	680	13.20815
525	680	13.21311
530	680	13.20156
535	680	13.21333
540	680	13.20986
545	680	13.21103
550	680	13.20904
555	680	13.21051
560	680	13.19763
565	680	13.20313
570	680	13.19963
575	680	13.19898
580	680	13.20267
585	680	13.19808
590	680	13.21536
595	680	13.20279
600	680	13.20629
605	680	13.21073
610	680	13.20929
615	680	13.20949
620	680	13.2045
625	680	13.20843
630	680	13.20265
635	680	13.2045
640	680	13.19972
645	680	13.20428
650	680	13.19869
655	680	13.2012
660	680	13.20976
665	680	13.2044
670	680	13.20424
675	680	13.1997

EM wavele nm	EX wavele nm	R1 MicroAmps
680	680	13.20236
685	680	13.20078
690	680	13.20784
695	680	13.20536
700	680	13.20594
705	680	13.21021
710	680	13.20743
715	680	13.21546
720	680	13.20811
725	680	13.20507
730	680	13.21383
735	680	13.21109
740	680	13.20083
745	680	13.21168
750	680	13.2074
755	680	13.21357
760	680	13.21266
765	680	13.22394
770	680	13.22981
775	680	13.22498
780	680	13.22096
785	680	13.21975
790	680	13.22162
795	680	13.21763
800	680	13.21318
805	680	13.20959
810	680	13.21232
815	680	13.21255
820	680	13.21613
825	680	13.21604
830	680	13.22006
835	680	13.22016
840	680	13.21713
845	680	13.21746
850	680	13.21527
855	680	13.21319
860	680	13.21558
865	680	13.21246
870	680	13.21332
875	680	13.21299
880	680	13.20692
885	680	13.21246
890	680	13.21259
895	680	13.20423
900	680	13.20207
905	680	13.2128
910	680	13.21029
915	680	13.21502
920	680	13.21181
925	680	13.21201
930	680	13.20862
935	680	13.21062
940	680	13.20838
945	680	13.20528
950	680	13.20827
955	680	13.21645
960	680	13.20567
965	680	13.20922
970	680	13.21178
975	680	13.20729
980	680	13.20108
985	680	13.20103
990	680	13.2013
995	680	13.20885

EM wavele nm	EX wavele nm	R1 MicroAmps
1000	680	13.20837
1005	680	13.20937
1010	680	13.21677
1015	680	13.21257
1020	680	13.21007
1025	680	13.20078
1030	680	13.20301
1035	680	13.20828
1040	680	13.19613
1045	680	13.20177
1050	680	13.21015
1055	680	13.20028
1060	680	13.20594
1065	680	13.20917
1070	680	13.20606
1075	680	13.20654
1080	680	13.21202
1085	680	13.20144
1090	680	13.20581
1095	680	13.20524
1100	680	13.20571
1105	680	13.19957
1110	680	13.19459
1115	680	13.20039
1120	680	13.19809
1125	680	13.20681
1130	680	13.19338
1135	680	13.19831
1140	680	13.20975
1145	680	13.20504
1150	680	13.21448
0	685	13.66838
5	685	13.66482
10	685	13.65965
15	685	13.66841
20	685	13.65984
25	685	13.66476
30	685	13.65808
35	685	13.66232
40	685	13.65959
45	685	13.65254
50	685	13.66226
55	685	13.66045
60	685	13.64993
65	685	13.66336
70	685	13.65973
75	685	13.65622
80	685	13.66488
85	685	13.65848
90	685	13.66257
95	685	13.66225
100	685	13.65564
105	685	13.6635
110	685	13.65158
115	685	13.6571
120	685	13.66229
125	685	13.65337
130	685	13.6681
135	685	13.6692
140	685	13.66616
145	685	13.67311
150	685	13.67175
155	685	13.66958
160	685	13.67352

EM wavele nm	EX wavele nm	R1 MicroAmps
165	685	13.66718
170	685	13.66456
175	685	13.6694
180	685	13.67032
185	685	13.66798
190	685	13.66733
195	685	13.66098
200	685	13.66907
205	685	13.66596
210	685	13.66122
215	685	13.67793
220	685	13.6559
225	685	13.66833
230	685	13.66077
235	685	13.65541
240	685	13.65791
245	685	13.66448
250	685	13.65671
255	685	13.66644
260	685	13.66446
265	685	13.66812
270	685	13.66585
275	685	13.66303
280	685	13.67051
285	685	13.66322
290	685	13.67176
295	685	13.67302
300	685	13.66074
305	685	13.66889
310	685	13.66276
315	685	13.67128
320	685	13.66111
325	685	13.66841
330	685	13.66658
335	685	13.66354
340	685	13.65667
345	685	13.66689
350	685	13.66907
355	685	13.66393
360	685	13.67185
365	685	13.67134
370	685	13.66416
375	685	13.66974
380	685	13.66342
385	685	13.6665
390	685	13.66696
395	685	13.68148
400	685	13.67938
405	685	13.67559
410	685	13.67086
415	685	13.6707
420	685	13.66642
425	685	13.6733
430	685	13.66829
435	685	13.6701
440	685	13.66906
445	685	13.67335
450	685	13.66773
455	685	13.66796
460	685	13.66995
465	685	13.67048
470	685	13.66616
475	685	13.66052
480	685	13.66895

EM wavele nm	EX wavele nm	R1 MicroAmps
485	685	13.6535
490	685	13.66534
495	685	13.65803
500	685	13.65342
505	685	13.68062
510	685	13.67529
515	685	13.67304
520	685	13.66895
525	685	13.66971
530	685	13.67955
535	685	13.67261
540	685	13.66449
545	685	13.6774
550	685	13.67375
555	685	13.66706
560	685	13.67248
565	685	13.6778
570	685	13.67059
575	685	13.66979
580	685	13.67391
585	685	13.67664
590	685	13.67027
595	685	13.66944
600	685	13.67486
605	685	13.66816
610	685	13.66793
615	685	13.67083
620	685	13.66434
625	685	13.66007
630	685	13.66569
635	685	13.66368
640	685	13.66476
645	685	13.65896
650	685	13.66446
655	685	13.6675
660	685	13.66485
665	685	13.67353
670	685	13.67136
675	685	13.66904
680	685	13.66798
685	685	13.66336
690	685	13.67014
695	685	13.66687
700	685	13.66713
705	685	13.65504
710	685	13.66594
715	685	13.66503
720	685	13.65584
725	685	13.65983
730	685	13.66115
735	685	13.65797
740	685	13.65924
745	685	13.64987
750	685	13.65839
755	685	13.65929
760	685	13.6605
765	685	13.65776
770	685	13.66054
775	685	13.66887
780	685	13.65688
785	685	13.67036
790	685	13.66658
795	685	13.6589
800	685	13.66538

EM wavele nm	EX wavele nm	R1 MicroAmps
805	685	13.66768
810	685	13.67027
815	685	13.66815
820	685	13.66678
825	685	13.67077
830	685	13.66643
835	685	13.66549
840	685	13.66769
845	685	13.6613
850	685	13.67297
855	685	13.65959
860	685	13.65973
865	685	13.66465
870	685	13.66074
875	685	13.6599
880	685	13.66319
885	685	13.66615
890	685	13.6687
895	685	13.65752
900	685	13.66489
905	685	13.66404
910	685	13.67056
915	685	13.6634
920	685	13.65839
925	685	13.66348
930	685	13.66586
935	685	13.65577
940	685	13.65575
945	685	13.66503
950	685	13.66435
955	685	13.6643
960	685	13.65629
965	685	13.66175
970	685	13.66241
975	685	13.67037
980	685	13.65973
985	685	13.6637
990	685	13.6713
995	685	13.66171
1000	685	13.66779
1005	685	13.66704
1010	685	13.67213
1015	685	13.66929
1020	685	13.66625
1025	685	13.66352
1030	685	13.65914
1035	685	13.65908
1040	685	13.65755
1045	685	13.64284
1050	685	13.64677
1055	685	13.66272
1060	685	13.64835
1065	685	13.65099
1070	685	13.65645
1075	685	13.65209
1080	685	13.65863
1085	685	13.65198
1090	685	13.66231
1095	685	13.65228
1100	685	13.64532
1105	685	13.65721
1110	685	13.6567
1115	685	13.65772
1120	685	13.65727

EM wavele nm	EX wavele nm	R1 MicroAmps
1125	685	13.66004
1130	685	13.66441
1135	685	13.66892
1140	685	13.66117
1145	685	13.66611
1150	685	13.66388
0	690	12.86651
5	690	12.85774
10	690	12.85744
15	690	12.85868
20	690	12.85934
25	690	12.8572
30	690	12.85161
35	690	12.86221
40	690	12.85295
45	690	12.86116
50	690	12.86085
55	690	12.85814
60	690	12.85083
65	690	12.85345
70	690	12.85904
75	690	12.85325
80	690	12.86457
85	690	12.86543
90	690	12.86359
95	690	12.85956
100	690	12.86094
105	690	12.86435
110	690	12.86388
115	690	12.85352
120	690	12.86477
125	690	12.86127
130	690	12.8592
135	690	12.86537
140	690	12.85731
145	690	12.85207
150	690	12.86242
155	690	12.85899
160	690	12.86307
165	690	12.85731
170	690	12.85953
175	690	12.86013
180	690	12.8546
185	690	12.86077
190	690	12.86212
195	690	12.84969
200	690	12.8585
205	690	12.86215
210	690	12.85698
215	690	12.85499
220	690	12.86156
225	690	12.86184
230	690	12.8536
235	690	12.86317
240	690	12.86532
245	690	12.86536
250	690	12.86119
255	690	12.86532
260	690	12.86481
265	690	12.86087
270	690	12.86964
275	690	12.86064
280	690	12.85899
285	690	12.85578

EM wavele nm	EX wavele nm	R1 MicroAmps
290	690	12.86386
295	690	12.85944
300	690	12.86024
305	690	12.85991
310	690	12.86135
315	690	12.86018
320	690	12.8659
325	690	12.86464
330	690	12.85997
335	690	12.86003
340	690	12.86823
345	690	12.86064
350	690	12.85871
355	690	12.86588
360	690	12.85959
365	690	12.87304
370	690	12.86712
375	690	12.87005
380	690	12.86615
385	690	12.85949
390	690	12.87202
395	690	12.8609
400	690	12.85754
405	690	12.86164
410	690	12.86187
415	690	12.85851
420	690	12.86307
425	690	12.86557
430	690	12.86494
435	690	12.85744
440	690	12.86284
445	690	12.85109
450	690	12.85798
455	690	12.85099
460	690	12.85677
465	690	12.86872
470	690	12.85699
475	690	12.86903
480	690	12.87614
485	690	12.8716
490	690	12.87155
495	690	12.87717
500	690	12.87426
505	690	12.87731
510	690	12.86638
515	690	12.86654
520	690	12.86174
525	690	12.85179
530	690	12.86492
535	690	12.86226
540	690	12.85727
545	690	12.866
550	690	12.86642
555	690	12.86
560	690	12.86522
565	690	12.86462
570	690	12.86389
575	690	12.85884
580	690	12.86252
585	690	12.8698
590	690	12.86167
595	690	12.86151
600	690	12.8608
605	690	12.86779

EM wavele nm	EX wavele nm	R1 MicroAmps
610	690	12.86565
615	690	12.8583
620	690	12.86992
625	690	12.86378
630	690	12.8655
635	690	12.86913
640	690	12.86431
645	690	12.87264
650	690	12.86408
655	690	12.85305
660	690	12.85564
665	690	12.84911
670	690	12.84921
675	690	12.85616
680	690	12.84856
685	690	12.86171
690	690	12.85909
695	690	12.86471
700	690	12.86595
705	690	12.8654
710	690	12.86341
715	690	12.86012
720	690	12.87184
725	690	12.85832
730	690	12.8656
735	690	12.86752
740	690	12.86639
745	690	12.86303
750	690	12.86772
755	690	12.86565
760	690	12.87094
765	690	12.86869
770	690	12.86211
775	690	12.86232
780	690	12.86757
785	690	12.86516
790	690	12.86106
795	690	12.85679
800	690	12.8643
805	690	12.86166
810	690	12.86483
815	690	12.8646
820	690	12.86616
825	690	12.87021
830	690	12.86705
835	690	12.86567
840	690	12.86376
845	690	12.8595
850	690	12.86621
855	690	12.85276
860	690	12.86196
865	690	12.86204
870	690	12.85239
875	690	12.86047
880	690	12.85348
885	690	12.85914
890	690	12.85631
895	690	12.86545
900	690	12.86949
905	690	12.86276
910	690	12.86857
915	690	12.85478
920	690	12.86169
925	690	12.86546

EM wavele nm	EX wavele nm	R1 MicroAmps
930	690	12.85375
935	690	12.86291
940	690	12.86532
945	690	12.85913
950	690	12.86715
955	690	12.85874
960	690	12.87077
965	690	12.86817
970	690	12.86997
975	690	12.8578
980	690	12.85951
985	690	12.86659
990	690	12.85654
995	690	12.857
1000	690	12.85844
1005	690	12.858
1010	690	12.85997
1015	690	12.8577
1020	690	12.85789
1025	690	12.86003
1030	690	12.86054
1035	690	12.86049
1040	690	12.85352
1045	690	12.85929
1050	690	12.86434
1055	690	12.85965
1060	690	12.85532
1065	690	12.85185
1070	690	12.8629
1075	690	12.86084
1080	690	12.85414
1085	690	12.85772
1090	690	12.85015
1095	690	12.85967
1100	690	12.85612
1105	690	12.86315
1110	690	12.85964
1115	690	12.86251
1120	690	12.86016
1125	690	12.86761
1130	690	12.8669
1135	690	12.85584
1140	690	12.85824
1145	690	12.86166
1150	690	12.8648
0	695	10.9072
5	695	10.91411
10	695	10.90751
15	695	10.90852
20	695	10.90197
25	695	10.8994
30	695	10.90265
35	695	10.89572
40	695	10.90692
45	695	10.89904
50	695	10.89823
55	695	10.90342
60	695	10.90344
65	695	10.89838
70	695	10.90799
75	695	10.90703
80	695	10.90315
85	695	10.90554
90	695	10.9043

EM wavele nm	EX wavele nm	R1 MicroAmps
95	695	10.90773
100	695	10.89917
105	695	10.90155
110	695	10.90823
115	695	10.9035
120	695	10.90525
125	695	10.90553
130	695	10.90326
135	695	10.90064
140	695	10.90806
145	695	10.90604
150	695	10.9062
155	695	10.90415
160	695	10.90172
165	695	10.90663
170	695	10.89951
175	695	10.90667
180	695	10.90673
185	695	10.90298
190	695	10.89901
195	695	10.90674
200	695	10.89969
205	695	10.90166
210	695	10.90436
215	695	10.90405
220	695	10.90337
225	695	10.90668
230	695	10.90375
235	695	10.89669
240	695	10.90416
245	695	10.90634
250	695	10.90412
255	695	10.9043
260	695	10.90898
265	695	10.9011
270	695	10.90075
275	695	10.90462
280	695	10.89958
285	695	10.90308
290	695	10.90441
295	695	10.90328
300	695	10.89804
305	695	10.90641
310	695	10.9015
315	695	10.9057
320	695	10.90718
325	695	10.90317
330	695	10.91119
335	695	10.90285
340	695	10.91171
345	695	10.90655
350	695	10.90574
355	695	10.90529
360	695	10.90567
365	695	10.90695
370	695	10.90214
375	695	10.90828
380	695	10.89835
385	695	10.89698
390	695	10.90219
395	695	10.89671
400	695	10.89106
405	695	10.89876
410	695	10.89542

EM wavele nm	EX wavele nm	R1 MicroAmps
415	695	10.89915
420	695	10.89412
425	695	10.89865
430	695	10.90348
435	695	10.90227
440	695	10.8981
445	695	10.9056
450	695	10.89695
455	695	10.89494
460	695	10.90272
465	695	10.89072
470	695	10.89553
475	695	10.89561
480	695	10.89931
485	695	10.9008
490	695	10.90053
495	695	10.90641
500	695	10.90593
505	695	10.90021
510	695	10.90894
515	695	10.90356
520	695	10.90134
525	695	10.9104
530	695	10.90322
535	695	10.90859
540	695	10.90441
545	695	10.90982
550	695	10.90467
555	695	10.90252
560	695	10.90399
565	695	10.90676
570	695	10.90558
575	695	10.90851
580	695	10.91204
585	695	10.90086
590	695	10.90507
595	695	10.90348
600	695	10.90669
605	695	10.89437
610	695	10.89996
615	695	10.90815
620	695	10.89968
625	695	10.90478
630	695	10.90133
635	695	10.90455
640	695	10.89255
645	695	10.90886
650	695	10.90305
655	695	10.90093
660	695	10.90713
665	695	10.90494
670	695	10.91232
675	695	10.90913
680	695	10.91097
685	695	10.90863
690	695	10.90962
695	695	10.90784
700	695	10.9072
705	695	10.91219
710	695	10.90999
715	695	10.90817
720	695	10.90966
725	695	10.90524
730	695	10.9055

EM wavele nm	EX wavele nm	R1 MicroAmps
735	695	10.9047
740	695	10.89973
745	695	10.91103
750	695	10.9011
755	695	10.89945
760	695	10.90513
765	695	10.908
770	695	10.90331
775	695	10.90191
780	695	10.90717
785	695	10.91074
790	695	10.90762
795	695	10.9033
800	695	10.90536
805	695	10.90368
810	695	10.9034
815	695	10.90559
820	695	10.90713
825	695	10.91167
830	695	10.90161
835	695	10.90818
840	695	10.90854
845	695	10.90186
850	695	10.90058
855	695	10.8988
860	695	10.90674
865	695	10.90677
870	695	10.90079
875	695	10.89995
880	695	10.8956
885	695	10.90722
890	695	10.89216
895	695	10.90711
900	695	10.90356
905	695	10.89982
910	695	10.89902
915	695	10.89858
920	695	10.90577
925	695	10.90861
930	695	10.90215
935	695	10.90042
940	695	10.90038
945	695	10.90274
950	695	10.90258
955	695	10.89652
960	695	10.91086
965	695	10.90177
970	695	10.92528
975	695	10.91447
980	695	10.9142
985	695	10.91953
990	695	10.91824
995	695	10.91512
1000	695	10.91069
1005	695	10.91473
1010	695	10.91418
1015	695	10.9114
1020	695	10.9043
1025	695	10.91105
1030	695	10.91007
1035	695	10.90213
1040	695	10.89721
1045	695	10.90235
1050	695	10.90842

EM wavele nm	EX wavele nm	R1 MicroAmps
1055	695	10.90697
1060	695	10.91083
1065	695	10.90717
1070	695	10.90826
1075	695	10.91051
1080	695	10.90975
1085	695	10.90932
1090	695	10.90862
1095	695	10.90838
1100	695	10.9108
1105	695	10.90626
1110	695	10.90753
1115	695	10.90951
1120	695	10.90391
1125	695	10.91183
1130	695	10.91528
1135	695	10.90969
1140	695	10.90899
1145	695	10.90834
1150	695	10.91126
0	700	9.89922
5	700	9.89657
10	700	9.89131
15	700	9.89374
20	700	9.89584
25	700	9.89599
30	700	9.89983
35	700	9.89753
40	700	9.89848
45	700	9.90113
50	700	9.89597
55	700	9.90027
60	700	9.89468
65	700	9.89575
70	700	9.90062
75	700	9.88853
80	700	9.88903
85	700	9.89008
90	700	9.88882
95	700	9.89227
100	700	9.88573
105	700	9.89578
110	700	9.88946
115	700	9.89246
120	700	9.89481
125	700	9.88964
130	700	9.89097
135	700	9.89693
140	700	9.89406
145	700	9.89285
150	700	9.89896
155	700	9.88992
160	700	9.89368
165	700	9.89763
170	700	9.89685
175	700	9.89292
180	700	9.89908
185	700	9.89209
190	700	9.89421
195	700	9.89814
200	700	9.89505
205	700	9.8943
210	700	9.89541
215	700	9.89458

EM wavele nm	EX wavele nm	R1 MicroAmps
220	700	9.8986
225	700	9.88798
230	700	9.8919
235	700	9.89684
240	700	9.89683
245	700	9.89672
250	700	9.90024
255	700	9.8969
260	700	9.89654
265	700	9.9007
270	700	9.89657
275	700	9.89339
280	700	9.89787
285	700	9.90087
290	700	9.90118
295	700	9.89669
300	700	9.90031
305	700	9.90375
310	700	9.89403
315	700	9.89867
320	700	9.89577
325	700	9.89603
330	700	9.89665
335	700	9.8984
340	700	9.89544
345	700	9.89371
350	700	9.89995
355	700	9.8982
360	700	9.89676
365	700	9.89469
370	700	9.8905
375	700	9.89153
380	700	9.88659
385	700	9.89788
390	700	9.89128
395	700	9.88796
400	700	9.89906
405	700	9.88274
410	700	9.887
415	700	9.89404
420	700	9.89307
425	700	9.88887
430	700	9.89426
435	700	9.88776
440	700	9.89524
445	700	9.89412
450	700	9.8975
455	700	9.8993
460	700	9.90014
465	700	9.90333
470	700	9.90367
475	700	9.8952
480	700	9.8947
485	700	9.89223
490	700	9.88856
495	700	9.89642
500	700	9.89577
505	700	9.89201
510	700	9.89599
515	700	9.89869
520	700	9.89454
525	700	9.89435
530	700	9.89264
535	700	9.89478

EM wavele nm	EX wavele nm	R1 MicroAmps
540	700	9.89431
545	700	9.89196
550	700	9.89397
555	700	9.89176
560	700	9.89036
565	700	9.89821
570	700	9.89229
575	700	9.88972
580	700	9.89011
585	700	9.8938
590	700	9.88856
595	700	9.89121
600	700	9.89598
605	700	9.89281
610	700	9.89507
615	700	9.89394
620	700	9.89605
625	700	9.90003
630	700	9.89243
635	700	9.89287
640	700	9.89351
645	700	9.89378
650	700	9.88847
655	700	9.8988
660	700	9.89042
665	700	9.88939
670	700	9.8952
675	700	9.89468
680	700	9.90391
685	700	9.88858
690	700	9.89804
695	700	9.89341
700	700	9.89159
705	700	9.8917
710	700	9.88172
715	700	9.89639
720	700	9.88528
725	700	9.89534
730	700	9.89656
735	700	9.89058
740	700	9.88531
745	700	9.88801
750	700	9.89671
755	700	9.89244
760	700	9.89162
765	700	9.89468
770	700	9.89593
775	700	9.89783
780	700	9.89742
785	700	9.89536
790	700	9.90158
795	700	9.89969
800	700	9.89839
805	700	9.89436
810	700	9.90094
815	700	9.9016
820	700	9.89305
825	700	9.89786
830	700	9.90239
835	700	9.89871
840	700	9.89186
845	700	9.89847
850	700	9.89871
855	700	9.90038

EM wavele nm	EX wavele nm	R1 MicroAmps
860	700	9.89003
865	700	9.89496
870	700	9.89466
875	700	9.89432
880	700	9.90191
885	700	9.88735
890	700	9.89595
895	700	9.89079
900	700	9.88835
905	700	9.89362
910	700	9.89406
915	700	9.89417
920	700	9.89022
925	700	9.8901
930	700	9.89656
935	700	9.89349
940	700	9.89568
945	700	9.89741
950	700	9.89883
955	700	9.89547
960	700	9.89747
965	700	9.89421
970	700	9.89893
975	700	9.8991
980	700	9.88943
985	700	9.89878
990	700	9.89605
995	700	9.89848
1000	700	9.89514
1005	700	9.89783
1010	700	9.90292
1015	700	9.90319
1020	700	9.90174
1025	700	9.89721
1030	700	9.89685
1035	700	9.90045
1040	700	9.89495
1045	700	9.89458
1050	700	9.89411
1055	700	9.89449
1060	700	9.8955
1065	700	9.89304
1070	700	9.89626
1075	700	9.89708
1080	700	9.90072
1085	700	9.89253
1090	700	9.88956
1095	700	9.89079
1100	700	9.89939
1105	700	9.89927
1110	700	9.90117
1115	700	9.89802
1120	700	9.90197
1125	700	9.89692
1130	700	9.89906
1135	700	9.89629
1140	700	9.89574
1145	700	9.88838
1150	700	9.89461
0	705	9.36164
5	705	9.3687
10	705	9.3635
15	705	9.36793
20	705	9.35673

EM wavele nm	EX wavele nm	R1 MicroAmps
25	705	9.36355
30	705	9.36227
35	705	9.36205
40	705	9.36331
45	705	9.36146
50	705	9.35516
55	705	9.36186
60	705	9.36084
65	705	9.35815
70	705	9.35861
75	705	9.35754
80	705	9.35671
85	705	9.3546
90	705	9.36051
95	705	9.35936
100	705	9.36336
105	705	9.36114
110	705	9.36147
115	705	9.35946
120	705	9.35878
125	705	9.36035
130	705	9.35941
135	705	9.36007
140	705	9.36213
145	705	9.35719
150	705	9.35659
155	705	9.35744
160	705	9.35699
165	705	9.35936
170	705	9.35747
175	705	9.35688
180	705	9.35648
185	705	9.35765
190	705	9.36224
195	705	9.36451
200	705	9.36064
205	705	9.36191
210	705	9.36219
215	705	9.36177
220	705	9.36459
225	705	9.3592
230	705	9.36357
235	705	9.36277
240	705	9.35695
245	705	9.36142
250	705	9.35577
255	705	9.35327
260	705	9.36087
265	705	9.3557
270	705	9.35806
275	705	9.35719
280	705	9.36179
285	705	9.35292
290	705	9.35996
295	705	9.36165
300	705	9.35693
305	705	9.35442
310	705	9.35679
315	705	9.36261
320	705	9.3623
325	705	9.36096
330	705	9.36608
335	705	9.36542
340	705	9.35847

EM wavele nm	EX wavele nm	R1 MicroAmps
345	705	9.35734
350	705	9.3601
355	705	9.35533
360	705	9.34833
365	705	9.36075
370	705	9.3459
375	705	9.35277
380	705	9.36016
385	705	9.35478
390	705	9.36457
395	705	9.3593
400	705	9.36513
405	705	9.36242
410	705	9.36295
415	705	9.36516
420	705	9.36351
425	705	9.36218
430	705	9.36139
435	705	9.36214
440	705	9.35528
445	705	9.35802
450	705	9.3607
455	705	9.35844
460	705	9.3534
465	705	9.36286
470	705	9.3565
475	705	9.36014
480	705	9.36541
485	705	9.35891
490	705	9.35935
495	705	9.35722
500	705	9.36369
505	705	9.36155
510	705	9.36347
515	705	9.3556
520	705	9.36724
525	705	9.35704
530	705	9.36422
535	705	9.37037
540	705	9.35965
545	705	9.36248
550	705	9.36334
555	705	9.35885
560	705	9.35397
565	705	9.36226
570	705	9.35862
575	705	9.35998
580	705	9.36118
585	705	9.35958
590	705	9.3628
595	705	9.35564
600	705	9.36387
605	705	9.36379
610	705	9.36112
615	705	9.36252
620	705	9.35616
625	705	9.36526
630	705	9.36042
635	705	9.36322
640	705	9.36464
645	705	9.36999
650	705	9.36625
655	705	9.3591
660	705	9.3597

EM wavele nm	EX wavele nm	R1 MicroAmps
665	705	9.35765
670	705	9.35913
675	705	9.35761
680	705	9.36517
685	705	9.36214
690	705	9.36227
695	705	9.36499
700	705	9.36241
705	705	9.37213
710	705	9.35969
715	705	9.36603
720	705	9.36656
725	705	9.36789
730	705	9.3674
735	705	9.35845
740	705	9.36716
745	705	9.36493
750	705	9.3706
755	705	9.36441
760	705	9.36584
765	705	9.36255
770	705	9.36182
775	705	9.35646
780	705	9.35439
785	705	9.35704
790	705	9.3551
795	705	9.35578
800	705	9.3631
805	705	9.36165
810	705	9.3628
815	705	9.35674
820	705	9.36149
825	705	9.36379
830	705	9.35569
835	705	9.3615
840	705	9.35895
845	705	9.36467
850	705	9.3588
855	705	9.36065
860	705	9.36502
865	705	9.36303
870	705	9.36892
875	705	9.36215
880	705	9.36302
885	705	9.36804
890	705	9.36467
895	705	9.36289
900	705	9.36487
905	705	9.36445
910	705	9.36857
915	705	9.36021
920	705	9.36603
925	705	9.36473
930	705	9.3686
935	705	9.3639
940	705	9.36518
945	705	9.36611
950	705	9.36647
955	705	9.36738
960	705	9.37415
965	705	9.37323
970	705	9.36621
975	705	9.36765
980	705	9.36495

EM wavele nm	EX wavele nm	R1 MicroAmps
985	705	9.36782
990	705	9.36456
995	705	9.3605
1000	705	9.36703
1005	705	9.36452
1010	705	9.36121
1015	705	9.3618
1020	705	9.35563
1025	705	9.35833
1030	705	9.35979
1035	705	9.35424
1040	705	9.35758
1045	705	9.36599
1050	705	9.35853
1055	705	9.36017
1060	705	9.36276
1065	705	9.3642
1070	705	9.36528
1075	705	9.36655
1080	705	9.36866
1085	705	9.36165
1090	705	9.35844
1095	705	9.36463
1100	705	9.35821
1105	705	9.3587
1110	705	9.36355
1115	705	9.36026
1120	705	9.36215
1125	705	9.3604
1130	705	9.36493
1135	705	9.36394
1140	705	9.35491
1145	705	9.35795
1150	705	9.36365
0	710	10.20322
5	710	10.2022
10	710	10.20076
15	710	10.20785
20	710	10.20344
25	710	10.20277
30	710	10.20355
35	710	10.20542
40	710	10.20963
45	710	10.19837
50	710	10.2087
55	710	10.20276
60	710	10.20435
65	710	10.20311
70	710	10.20421
75	710	10.20035
80	710	10.20047
85	710	10.20033
90	710	10.19977
95	710	10.19846
100	710	10.19676
105	710	10.20266
110	710	10.19608
115	710	10.19659
120	710	10.20056
125	710	10.20047
130	710	10.19311
135	710	10.20287
140	710	10.20034
145	710	10.19966

EM wavele nm	EX wavele nm	R1 MicroAmps
150	710	10.20127
155	710	10.1996
160	710	10.20551
165	710	10.19939
170	710	10.20189
175	710	10.20911
180	710	10.19857
185	710	10.2046
190	710	10.20234
195	710	10.19855
200	710	10.20195
205	710	10.2018
210	710	10.20672
215	710	10.20186
220	710	10.20454
225	710	10.20377
230	710	10.20598
235	710	10.19918
240	710	10.20698
245	710	10.20196
250	710	10.20042
255	710	10.20355
260	710	10.19721
265	710	10.19633
270	710	10.20088
275	710	10.19566
280	710	10.20358
285	710	10.19609
290	710	10.20201
295	710	10.20044
300	710	10.20808
305	710	10.20541
310	710	10.20657
315	710	10.20322
320	710	10.2068
325	710	10.20714
330	710	10.20207
335	710	10.1992
340	710	10.20485
345	710	10.20464
350	710	10.20257
355	710	10.20236
360	710	10.20241
365	710	10.19473
370	710	10.20375
375	710	10.19998
380	710	10.19784
385	710	10.19957
390	710	10.19521
395	710	10.19789
400	710	10.20105
405	710	10.20092
410	710	10.20152
415	710	10.20032
420	710	10.20262
425	710	10.20816
430	710	10.20199
435	710	10.20409
440	710	10.20336
445	710	10.20245
450	710	10.20213
455	710	10.19944
460	710	10.19678
465	710	10.19549

EM wavele nm	EX wavele nm	R1 MicroAmps
470	710	10.19478
475	710	10.19171
480	710	10.19709
485	710	10.19213
490	710	10.19851
495	710	10.19324
500	710	10.19539
505	710	10.20133
510	710	10.1941
515	710	10.19681
520	710	10.19749
525	710	10.19794
530	710	10.19719
535	710	10.19545
540	710	10.1993
545	710	10.18777
550	710	10.19295
555	710	10.20044
560	710	10.19411
565	710	10.19342
570	710	10.1999
575	710	10.19731
580	710	10.19716
585	710	10.19754
590	710	10.19185
595	710	10.19799
600	710	10.19012
605	710	10.19551
610	710	10.20173
615	710	10.1943
620	710	10.19799
625	710	10.20126
630	710	10.18842
635	710	10.19107
640	710	10.19098
645	710	10.18776
650	710	10.18831
655	710	10.1959
660	710	10.19354
665	710	10.20181
670	710	10.19607
675	710	10.19832
680	710	10.20033
685	710	10.19926
690	710	10.1935
695	710	10.20185
700	710	10.19018
705	710	10.18874
710	710	10.19633
715	710	10.19148
720	710	10.1918
725	710	10.19612
730	710	10.18822
735	710	10.20326
740	710	10.19614
745	710	10.19881
750	710	10.20113
755	710	10.20304
760	710	10.19813
765	710	10.19751
770	710	10.20251
775	710	10.20299
780	710	10.20162
785	710	10.20409

EM wavele nm	EX wavele nm	R1 MicroAmps
790	710	10.2048
795	710	10.20091
800	710	10.20148
805	710	10.2002
810	710	10.19918
815	710	10.20312
820	710	10.19937
825	710	10.19679
830	710	10.20304
835	710	10.20024
840	710	10.19722
845	710	10.19827
850	710	10.19913
855	710	10.19069
860	710	10.19147
865	710	10.19072
870	710	10.19659
875	710	10.19523
880	710	10.19946
885	710	10.19336
890	710	10.19991
895	710	10.19961
900	710	10.19819
905	710	10.19413
910	710	10.20689
915	710	10.19235
920	710	10.19374
925	710	10.20131
930	710	10.19591
935	710	10.20081
940	710	10.19929
945	710	10.19724
950	710	10.20144
955	710	10.19623
960	710	10.19749
965	710	10.19547
970	710	10.19819
975	710	10.19614
980	710	10.1887
985	710	10.19531
990	710	10.19665
995	710	10.19293
1000	710	10.19483
1005	710	10.20166
1010	710	10.19902
1015	710	10.19453
1020	710	10.19833
1025	710	10.19598
1030	710	10.19784
1035	710	10.19828
1040	710	10.19776
1045	710	10.19792
1050	710	10.19991
1055	710	10.20165
1060	710	10.19631
1065	710	10.19411
1070	710	10.20096
1075	710	10.19832
1080	710	10.19948
1085	710	10.20146
1090	710	10.20075
1095	710	10.20205
1100	710	10.20137
1105	710	10.20673

EM wavele nm	EX wavele nm	R1 MicroAmps
1110	710	10.20001
1115	710	10.20145
1120	710	10.19812
1125	710	10.20424
1130	710	10.20074
1135	710	10.19828
1140	710	10.20153
1145	710	10.19393
1150	710	10.20103
0	715	9.82779
5	715	9.8268
10	715	9.8286
15	715	9.82668
20	715	9.82872
25	715	9.826
30	715	9.82634
35	715	9.8252
40	715	9.82486
45	715	9.82088
50	715	9.82415
55	715	9.8243
60	715	9.8214
65	715	9.81757
70	715	9.82316
75	715	9.82253
80	715	9.82022
85	715	9.82911
90	715	9.82409
95	715	9.82477
100	715	9.8251
105	715	9.82524
110	715	9.82378
115	715	9.82431
120	715	9.82584
125	715	9.828
130	715	9.82997
135	715	9.82777
140	715	9.83038
145	715	9.82553
150	715	9.82444
155	715	9.82407
160	715	9.82186
165	715	9.82069
170	715	9.82025
175	715	9.8159
180	715	9.81815
185	715	9.82423
190	715	9.81845
195	715	9.82174
200	715	9.81659
205	715	9.8202
210	715	9.81674
215	715	9.8222
220	715	9.8229
225	715	9.8227
230	715	9.82499
235	715	9.82672
240	715	9.82569
245	715	9.82446
250	715	9.83264
255	715	9.83179
260	715	9.82393
265	715	9.82721
270	715	9.82883

EM wavele nm	EX wavele nm	R1 MicroAmps
275	715	9.82872
280	715	9.82456
285	715	9.82677
290	715	9.82892
295	715	9.82814
300	715	9.82263
305	715	9.82719
310	715	9.81924
315	715	9.82509
320	715	9.82403
325	715	9.81897
330	715	9.82319
335	715	9.82444
340	715	9.82365
345	715	9.82425
350	715	9.82466
355	715	9.82906
360	715	9.82432
365	715	9.82806
370	715	9.82597
375	715	9.82955
380	715	9.82478
385	715	9.82701
390	715	9.83117
395	715	9.81805
400	715	9.82569
405	715	9.82449
410	715	9.82197
415	715	9.82384
420	715	9.82622
425	715	9.82849
430	715	9.82513
435	715	9.82688
440	715	9.82398
445	715	9.82719
450	715	9.81808
455	715	9.82636
460	715	9.82891
465	715	9.81779
470	715	9.82895
475	715	9.82268
480	715	9.82654
485	715	9.8171
490	715	9.82346
495	715	9.82884
500	715	9.82245
505	715	9.82072
510	715	9.82574
515	715	9.82523
520	715	9.81838
525	715	9.82807
530	715	9.82479
535	715	9.82321
540	715	9.8263
545	715	9.82615
550	715	9.82208
555	715	9.82172
560	715	9.82389
565	715	9.82327
570	715	9.82386
575	715	9.82697
580	715	9.82869
585	715	9.82433
590	715	9.82708

EM wavele nm	EX wavele nm	R1 MicroAmps
595	715	9.82821
600	715	9.82653
605	715	9.82446
610	715	9.82789
615	715	9.82726
620	715	9.81962
625	715	9.82353
630	715	9.82458
635	715	9.81806
640	715	9.81629
645	715	9.82227
650	715	9.82002
655	715	9.82646
660	715	9.82525
665	715	9.82766
670	715	9.82681
675	715	9.82461
680	715	9.83235
685	715	9.82789
690	715	9.82723
695	715	9.82533
700	715	9.82333
705	715	9.83263
710	715	9.8242
715	715	9.82084
720	715	9.82767
725	715	9.82524
730	715	9.82882
735	715	9.82248
740	715	9.83335
745	715	9.82572
750	715	9.82976
755	715	9.8241
760	715	9.82275
765	715	9.83008
770	715	9.82548
775	715	9.82502
780	715	9.8251
785	715	9.82597
790	715	9.82747
795	715	9.82706
800	715	9.82664
805	715	9.829
810	715	9.83366
815	715	9.82742
820	715	9.83036
825	715	9.83059
830	715	9.82686
835	715	9.82877
840	715	9.82446
845	715	9.82761
850	715	9.82598
855	715	9.82223
860	715	9.82783
865	715	9.82854
870	715	9.82568
875	715	9.82926
880	715	9.82144
885	715	9.82826
890	715	9.82267
895	715	9.82065
900	715	9.82615
905	715	9.82219
910	715	9.82393

EM wavele nm	EX wavele nm	R1 MicroAmps
915	715	9.82257
920	715	9.82392
925	715	9.82315
930	715	9.82365
935	715	9.82298
940	715	9.82017
945	715	9.8238
950	715	9.82098
955	715	9.82176
960	715	9.822
965	715	9.82498
970	715	9.82904
975	715	9.82608
980	715	9.82662
985	715	9.82491
990	715	9.82929
995	715	9.82909
1000	715	9.82522
1005	715	9.83394
1010	715	9.83241
1015	715	9.82901
1020	715	9.83086
1025	715	9.81975
1030	715	9.82345
1035	715	9.82779
1040	715	9.82676
1045	715	9.82663
1050	715	9.82219
1055	715	9.83552
1060	715	9.83231
1065	715	9.83288
1070	715	9.83299
1075	715	9.82492
1080	715	9.83271
1085	715	9.83082
1090	715	9.82998
1095	715	9.83165
1100	715	9.82602
1105	715	9.82947
1110	715	9.82752
1115	715	9.8317
1120	715	9.82559
1125	715	9.82779
1130	715	9.83184
1135	715	9.82833
1140	715	9.82826
1145	715	9.82969
1150	715	9.82854
0	720	8.34763
5	720	8.35119
10	720	8.34853
15	720	8.34876
20	720	8.34551
25	720	8.34907
30	720	8.34872
35	720	8.34565
40	720	8.35014
45	720	8.35039
50	720	8.35288
55	720	8.34984
60	720	8.35553
65	720	8.3524
70	720	8.34956
75	720	8.3553

EM wavele nm	EX wavele nm	R1 MicroAmps
80	720	8.35269
85	720	8.35136
90	720	8.35616
95	720	8.35469
100	720	8.3501
105	720	8.35443
110	720	8.35094
115	720	8.34754
120	720	8.34807
125	720	8.35151
130	720	8.34811
135	720	8.35027
140	720	8.35113
145	720	8.35266
150	720	8.34876
155	720	8.34993
160	720	8.35958
165	720	8.35033
170	720	8.35313
175	720	8.35068
180	720	8.35314
185	720	8.34819
190	720	8.35453
195	720	8.34856
200	720	8.35543
205	720	8.35013
210	720	8.35042
215	720	8.35237
220	720	8.34671
225	720	8.35045
230	720	8.35245
235	720	8.34715
240	720	8.35491
245	720	8.3531
250	720	8.35657
255	720	8.3567
260	720	8.35459
265	720	8.35782
270	720	8.35328
275	720	8.35046
280	720	8.35264
285	720	8.35425
290	720	8.34456
295	720	8.35469
300	720	8.35099
305	720	8.34913
310	720	8.35268
315	720	8.35736
320	720	8.35188
325	720	8.35672
330	720	8.35258
335	720	8.35787
340	720	8.35149
345	720	8.34908
350	720	8.35361
355	720	8.35861
360	720	8.35834
365	720	8.36091
370	720	8.35716
375	720	8.35618
380	720	8.3594
385	720	8.36016
390	720	8.36252
395	720	8.35365

EM wavele nm	EX wavele nm	R1 MicroAmps
400	720	8.36168
405	720	8.35757
410	720	8.35741
415	720	8.36373
420	720	8.36222
425	720	8.35901
430	720	8.36081
435	720	8.36347
440	720	8.35996
445	720	8.36211
450	720	8.35998
455	720	8.36338
460	720	8.35934
465	720	8.35876
470	720	8.36032
475	720	8.35914
480	720	8.35683
485	720	8.35748
490	720	8.36155
495	720	8.35866
500	720	8.35805
505	720	8.3599
510	720	8.35872
515	720	8.35648
520	720	8.36181
525	720	8.35498
530	720	8.35114
535	720	8.35539
540	720	8.35403
545	720	8.35519
550	720	8.35461
555	720	8.35567
560	720	8.35854
565	720	8.35056
570	720	8.35564
575	720	8.35453
580	720	8.35366
585	720	8.35473
590	720	8.35792
595	720	8.36034
600	720	8.35641
605	720	8.36002
610	720	8.35566
615	720	8.35784
620	720	8.35649
625	720	8.35305
630	720	8.35403
635	720	8.35475
640	720	8.35258
645	720	8.34843
650	720	8.35386
655	720	8.35393
660	720	8.35518
665	720	8.35505
670	720	8.35599
675	720	8.35834
680	720	8.35675
685	720	8.35717
690	720	8.36146
695	720	8.36173
700	720	8.35765
705	720	8.35694
710	720	8.36214
715	720	8.36003

EM wavele nm	EX wavele nm	R1 MicroAmps
720	720	8.36053
725	720	8.36213
730	720	8.36164
735	720	8.3604
740	720	8.35985
745	720	8.35478
750	720	8.35436
755	720	8.35922
760	720	8.34648
765	720	8.35641
770	720	8.35525
775	720	8.35587
780	720	8.35196
785	720	8.35764
790	720	8.35915
795	720	8.34946
800	720	8.35726
805	720	8.35416
810	720	8.3556
815	720	8.35158
820	720	8.35943
825	720	8.35828
830	720	8.35808
835	720	8.35688
840	720	8.35862
845	720	8.35327
850	720	8.36167
855	720	8.35248
860	720	8.3555
865	720	8.35959
870	720	8.35451
875	720	8.3539
880	720	8.35623
885	720	8.35541
890	720	8.35758
895	720	8.35464
900	720	8.35475
905	720	8.35944
910	720	8.36125
915	720	8.35827
920	720	8.35724
925	720	8.35367
930	720	8.35512
935	720	8.35396
940	720	8.35446
945	720	8.35299
950	720	8.35787
955	720	8.35688
960	720	8.35685
965	720	8.3568
970	720	8.35383
975	720	8.35956
980	720	8.35326
985	720	8.35375
990	720	8.35115
995	720	8.35368
1000	720	8.35202
1005	720	8.34753
1010	720	8.35734
1015	720	8.35877
1020	720	8.35854
1025	720	8.35532
1030	720	8.36015
1035	720	8.3519

EM wavele nm	EX wavele nm	R1 MicroAmps
1040	720	8.35732
1045	720	8.35748
1050	720	8.35689
1055	720	8.35444
1060	720	8.35803
1065	720	8.35432
1070	720	8.34965
1075	720	8.34467
1080	720	8.3522
1085	720	8.34527
1090	720	8.34398
1095	720	8.34447
1100	720	8.34872
1105	720	8.34968
1110	720	8.35504
1115	720	8.34855
1120	720	8.35126
1125	720	8.35072
1130	720	8.34998
1135	720	8.34719
1140	720	8.34519
1145	720	8.34523
1150	720	8.34665
0	725	8.13687
5	725	8.13506
10	725	8.13843
15	725	8.13426
20	725	8.13475
25	725	8.13699
30	725	8.13379
35	725	8.13776
40	725	8.13903
45	725	8.13628
50	725	8.13937
55	725	8.1388
60	725	8.13701
65	725	8.13623
70	725	8.14101
75	725	8.13369
80	725	8.13531
85	725	8.13708
90	725	8.13675
95	725	8.13586
100	725	8.13586
105	725	8.14125
110	725	8.13294
115	725	8.13553
120	725	8.13532
125	725	8.13601
130	725	8.13812
135	725	8.13751
140	725	8.14016
145	725	8.13575
150	725	8.13501
155	725	8.13306
160	725	8.13829
165	725	8.12834
170	725	8.13319
175	725	8.14123
180	725	8.12839
185	725	8.13796
190	725	8.13317
195	725	8.13776
200	725	8.13329

EM wavele nm	EX wavele nm	R1 MicroAmps
205	725	8.14011
210	725	8.14273
215	725	8.14112
220	725	8.13909
225	725	8.14391
230	725	8.14216
235	725	8.13781
240	725	8.14023
245	725	8.13906
250	725	8.13554
255	725	8.13799
260	725	8.13818
265	725	8.13429
270	725	8.13794
275	725	8.1377
280	725	8.13892
285	725	8.13663
290	725	8.13629
295	725	8.1393
300	725	8.1357
305	725	8.13596
310	725	8.13664
315	725	8.13418
320	725	8.13691
325	725	8.13528
330	725	8.1343
335	725	8.13543
340	725	8.13028
345	725	8.13791
350	725	8.13682
355	725	8.13401
360	725	8.1352
365	725	8.13502
370	725	8.13665
375	725	8.13713
380	725	8.1332
385	725	8.13616
390	725	8.13889
395	725	8.13949
400	725	8.14007
405	725	8.13809
410	725	8.1371
415	725	8.1421
420	725	8.13479
425	725	8.14048
430	725	8.13891
435	725	8.1376
440	725	8.13969
445	725	8.13751
450	725	8.14261
455	725	8.13546
460	725	8.13829
465	725	8.14253
470	725	8.1377
475	725	8.1373
480	725	8.14062
485	725	8.13987
490	725	8.13724
495	725	8.14011
500	725	8.13719
505	725	8.1412
510	725	8.13439
515	725	8.14
520	725	8.14348

EM wavele nm	EX wavele nm	R1 MicroAmps
525	725	8.13673
530	725	8.14019
535	725	8.14207
540	725	8.14219
545	725	8.13664
550	725	8.14065
555	725	8.13573
560	725	8.13413
565	725	8.13731
570	725	8.13801
575	725	8.14009
580	725	8.13705
585	725	8.14391
590	725	8.13931
595	725	8.13746
600	725	8.14362
605	725	8.13984
610	725	8.14145
615	725	8.13993
620	725	8.14076
625	725	8.1349
630	725	8.13715
635	725	8.1382
640	725	8.13593
645	725	8.13656
650	725	8.13458
655	725	8.14143
660	725	8.13889
665	725	8.13911
670	725	8.1392
675	725	8.13978
680	725	8.13904
685	725	8.14067
690	725	8.1392
695	725	8.14135
700	725	8.14262
705	725	8.13835
710	725	8.14137
715	725	8.14201
720	725	8.13935
725	725	8.13487
730	725	8.1396
735	725	8.13879
740	725	8.13971
745	725	8.13778
750	725	8.14153
755	725	8.1413
760	725	8.1397
765	725	8.14329
770	725	8.13661
775	725	8.14296
780	725	8.13322
785	725	8.13596
790	725	8.13814
795	725	8.1327
800	725	8.13651
805	725	8.13583
810	725	8.13442
815	725	8.13853
820	725	8.13394
825	725	8.13963
830	725	8.13444
835	725	8.14245
840	725	8.13935

EM wavele nm	EX wavele nm	R1 MicroAmps
845	725	8.13493
850	725	8.14149
855	725	8.13363
860	725	8.13665
865	725	8.13257
870	725	8.13865
875	725	8.13783
880	725	8.13098
885	725	8.13679
890	725	8.13575
895	725	8.13798
900	725	8.13658
905	725	8.13535
910	725	8.14137
915	725	8.13701
920	725	8.14108
925	725	8.13508
930	725	8.13843
935	725	8.14118
940	725	8.13136
945	725	8.13238
950	725	8.13805
955	725	8.13867
960	725	8.13686
965	725	8.13856
970	725	8.13994
975	725	8.141
980	725	8.1418
985	725	8.13802
990	725	8.13701
995	725	8.13826
1000	725	8.14076
1005	725	8.13764
1010	725	8.13542
1015	725	8.13602
1020	725	8.1373
1025	725	8.13508
1030	725	8.1379
1035	725	8.13435
1040	725	8.13743
1045	725	8.14113
1050	725	8.13923
1055	725	8.13872
1060	725	8.13389
1065	725	8.13615
1070	725	8.13652
1075	725	8.13096
1080	725	8.13372
1085	725	8.1341
1090	725	8.13144
1095	725	8.13331
1100	725	8.13163
1105	725	8.1304
1110	725	8.13562
1115	725	8.13164
1120	725	8.13845
1125	725	8.13238
1130	725	8.14007
1135	725	8.1357
1140	725	8.13931
1145	725	8.13576
1150	725	8.13768
0	730	9.02993
5	730	9.02859

EM wavele nm	EX wavele nm	R1 MicroAmps
10	730	9.02645
15	730	9.02891
20	730	9.03315
25	730	9.02974
30	730	9.03026
35	730	9.02843
40	730	9.0299
45	730	9.0278
50	730	9.026
55	730	9.0308
60	730	9.03223
65	730	9.02838
70	730	9.0339
75	730	9.03205
80	730	9.03046
85	730	9.03172
90	730	9.03063
95	730	9.02781
100	730	9.02922
105	730	9.03012
110	730	9.0266
115	730	9.0303
120	730	9.03175
125	730	9.03184
130	730	9.02267
135	730	9.02767
140	730	9.02775
145	730	9.02115
150	730	9.02842
155	730	9.02723
160	730	9.02494
165	730	9.02967
170	730	9.02839
175	730	9.03243
180	730	9.02808
185	730	9.0311
190	730	9.04021
195	730	9.02393
200	730	9.02778
205	730	9.03532
210	730	9.02664
215	730	9.03043
220	730	9.02824
225	730	9.02838
230	730	9.03
235	730	9.03002
240	730	9.0308
245	730	9.03144
250	730	9.02489
255	730	9.03229
260	730	9.02815
265	730	9.0245
270	730	9.03488
275	730	9.02844
280	730	9.02944
285	730	9.03358
290	730	9.02495
295	730	9.031
300	730	9.03071
305	730	9.02784
310	730	9.02963
315	730	9.02823
320	730	9.02933
325	730	9.03212

EM wavele nm	EX wavele nm	R1 MicroAmps
330	730	9.02511
335	730	9.03077
340	730	9.02886
345	730	9.02415
350	730	9.02789
355	730	9.02346
360	730	9.02814
365	730	9.02809
370	730	9.02627
375	730	9.02733
380	730	9.02489
385	730	9.02532
390	730	9.02484
395	730	9.02551
400	730	9.02207
405	730	9.02522
410	730	9.02502
415	730	9.02687
420	730	9.02588
425	730	9.02492
430	730	9.02515
435	730	9.02447
440	730	9.02371
445	730	9.02419
450	730	9.02409
455	730	9.0301
460	730	9.0255
465	730	9.02948
470	730	9.03205
475	730	9.03115
480	730	9.0315
485	730	9.03236
490	730	9.02974
495	730	9.02231
500	730	9.02932
505	730	9.02534
510	730	9.02634
515	730	9.02573
520	730	9.02392
525	730	9.03209
530	730	9.02109
535	730	9.02718
540	730	9.02868
545	730	9.02942
550	730	9.02502
555	730	9.03041
560	730	9.02919
565	730	9.0237
570	730	9.0224
575	730	9.02642
580	730	9.02951
585	730	9.01648
590	730	9.029
595	730	9.0268
600	730	9.03054
605	730	9.0263
610	730	9.02927
615	730	9.03569
620	730	9.02279
625	730	9.02746
630	730	9.02766
635	730	9.02582
640	730	9.0237
645	730	9.02405

EM wavele nm	EX wavele nm	R1 MicroAmps
650	730	9.02545
655	730	9.03032
660	730	9.0283
665	730	9.02691
670	730	9.02948
675	730	9.02656
680	730	9.02678
685	730	9.02819
690	730	9.02714
695	730	9.03062
700	730	9.02884
705	730	9.02758
710	730	9.04564
715	730	9.04501
720	730	9.04214
725	730	9.03812
730	730	9.03828
735	730	9.03407
740	730	9.03255
745	730	9.03118
750	730	9.03293
755	730	9.03615
760	730	9.0285
765	730	9.03409
770	730	9.03298
775	730	9.0361
780	730	9.03063
785	730	9.03281
790	730	9.03809
795	730	9.03617
800	730	9.037
805	730	9.032
810	730	9.02959
815	730	9.03501
820	730	9.03216
825	730	9.02956
830	730	9.03277
835	730	9.03129
840	730	9.03561
845	730	9.02776
850	730	9.02765
855	730	9.02955
860	730	9.02656
865	730	9.02465
870	730	9.02776
875	730	9.02703
880	730	9.03388
885	730	9.03187
890	730	9.03073
895	730	9.03544
900	730	9.03383
905	730	9.03411
910	730	9.0295
915	730	9.03336
920	730	9.03453
925	730	9.03373
930	730	9.03287
935	730	9.03015
940	730	9.03477
945	730	9.03566
950	730	9.02891
955	730	9.03129
960	730	9.02828
965	730	9.03251

EM wavele nm	EX wavele nm	R1 MicroAmps
970	730	9.02511
975	730	9.0256
980	730	9.0295
985	730	9.02965
990	730	9.03025
995	730	9.03022
1000	730	9.03044
1005	730	9.0343
1010	730	9.02713
1015	730	9.02497
1020	730	9.0295
1025	730	9.03169
1030	730	9.03485
1035	730	9.03019
1040	730	9.03147
1045	730	9.03601
1050	730	9.03201
1055	730	9.02889
1060	730	9.03075
1065	730	9.02886
1070	730	9.03482
1075	730	9.03054
1080	730	9.02624
1085	730	9.02565
1090	730	9.02407
1095	730	9.02152
1100	730	9.0206
1105	730	9.01783
1110	730	9.02842
1115	730	9.02639
1120	730	9.02879
1125	730	9.02741
1130	730	9.03031
1135	730	9.02414
1140	730	9.03457
1145	730	9.02995
1150	730	9.03235
0	735	8.44407
5	735	8.44478
10	735	8.44453
15	735	8.44661
20	735	8.44204
25	735	8.44744
30	735	8.44764
35	735	8.44581
40	735	8.44223
45	735	8.45048
50	735	8.44373
55	735	8.44359
60	735	8.45236
65	735	8.44623
70	735	8.45044
75	735	8.45043
80	735	8.45143
85	735	8.44693
90	735	8.44657
95	735	8.45343
100	735	8.44663
105	735	8.44559
110	735	8.4495
115	735	8.44447
120	735	8.44655
125	735	8.44972
130	735	8.45077

EM wavele nm	EX wavele nm	R1 MicroAmps
135	735	8.44449
140	735	8.44736
145	735	8.44359
150	735	8.4427
155	735	8.44473
160	735	8.44897
165	735	8.44323
170	735	8.44777
175	735	8.44804
180	735	8.44863
185	735	8.44276
190	735	8.44538
195	735	8.44244
200	735	8.44391
205	735	8.44643
210	735	8.44435
215	735	8.44364
220	735	8.44626
225	735	8.44902
230	735	8.44733
235	735	8.45002
240	735	8.44432
245	735	8.44692
250	735	8.44296
255	735	8.44954
260	735	8.44841
265	735	8.44345
270	735	8.45241
275	735	8.44402
280	735	8.44455
285	735	8.44577
290	735	8.44837
295	735	8.44273
300	735	8.44501
305	735	8.44876
310	735	8.44534
315	735	8.44665
320	735	8.44404
325	735	8.44724
330	735	8.44406
335	735	8.4472
340	735	8.4474
345	735	8.44834
350	735	8.44646
355	735	8.4501
360	735	8.44453
365	735	8.44176
370	735	8.45002
375	735	8.44135
380	735	8.44386
385	735	8.44042
390	735	8.44508
395	735	8.44207
400	735	8.44368
405	735	8.44431
410	735	8.44019
415	735	8.44418
420	735	8.44431
425	735	8.44835
430	735	8.43808
435	735	8.45107
440	735	8.44097
445	735	8.44675
450	735	8.44485

EM wavele nm	EX wavele nm	R1 MicroAmps
455	735	8.44779
460	735	8.44282
465	735	8.4455
470	735	8.4421
475	735	8.4431
480	735	8.44608
485	735	8.44722
490	735	8.43998
495	735	8.44263
500	735	8.44509
505	735	8.44144
510	735	8.44217
515	735	8.4439
520	735	8.44961
525	735	8.45208
530	735	8.44563
535	735	8.44532
540	735	8.44723
545	735	8.4478
550	735	8.4489
555	735	8.45125
560	735	8.44745
565	735	8.44432
570	735	8.44243
575	735	8.44403
580	735	8.44193
585	735	8.43893
590	735	8.44304
595	735	8.44172
600	735	8.43879
605	735	8.44414
610	735	8.44338
615	735	8.43758
620	735	8.44288
625	735	8.44428
630	735	8.44131
635	735	8.44902
640	735	8.44339
645	735	8.45127
650	735	8.44638
655	735	8.4469
660	735	8.44986
665	735	8.4426
670	735	8.44473
675	735	8.44876
680	735	8.44891
685	735	8.44077
690	735	8.44843
695	735	8.44697
700	735	8.44704
705	735	8.44717
710	735	8.44278
715	735	8.44724
720	735	8.44273
725	735	8.44876
730	735	8.4405
735	735	8.44578
740	735	8.44674
745	735	8.44502
750	735	8.4476
755	735	8.44852
760	735	8.44219
765	735	8.44687
770	735	8.44685

EM wavele nm	EX wavele nm	R1 MicroAmps
775	735	8.44682
780	735	8.44063
785	735	8.44521
790	735	8.44619
795	735	8.44281
800	735	8.44225
805	735	8.44332
810	735	8.44253
815	735	8.44341
820	735	8.44228
825	735	8.44743
830	735	8.44936
835	735	8.44452
840	735	8.44208
845	735	8.44297
850	735	8.44194
855	735	8.44428
860	735	8.44543
865	735	8.44164
870	735	8.44572
875	735	8.44327
880	735	8.43979
885	735	8.44548
890	735	8.44182
895	735	8.44659
900	735	8.43742
905	735	8.44144
910	735	8.4455
915	735	8.43832
920	735	8.4407
925	735	8.44825
930	735	8.44594
935	735	8.44569
940	735	8.44439
945	735	8.44951
950	735	8.44289
955	735	8.44455
960	735	8.4439
965	735	8.44354
970	735	8.44766
975	735	8.45139
980	735	8.44538
985	735	8.44882
990	735	8.44902
995	735	8.44741
1000	735	8.44242
1005	735	8.44539
1010	735	8.44389
1015	735	8.44524
1020	735	8.44646
1025	735	8.44553
1030	735	8.44485
1035	735	8.44671
1040	735	8.44417
1045	735	8.44656
1050	735	8.44764
1055	735	8.44677
1060	735	8.44461
1065	735	8.44848
1070	735	8.44988
1075	735	8.44337
1080	735	8.4432
1085	735	8.44669
1090	735	8.44282

EM wavele nm	EX wavele nm	R1 MicroAmps
1095	735	8.44643
1100	735	8.44475
1105	735	8.44639
1110	735	8.447
1115	735	8.44967
1120	735	8.44764
1125	735	8.44591
1130	735	8.4427
1135	735	8.44024
1140	735	8.44396
1145	735	8.44628
1150	735	8.44447
0	740	7.98668
5	740	7.98624
10	740	7.98718
15	740	7.99314
20	740	7.98879
25	740	7.99173
30	740	7.99117
35	740	7.98641
40	740	7.98824
45	740	7.99003
50	740	7.99349
55	740	7.99764
60	740	7.99533
65	740	7.99812
70	740	8.00035
75	740	7.99124
80	740	7.99857
85	740	7.99265
90	740	7.99121
95	740	7.9929
100	740	7.99359
105	740	7.98595
110	740	7.99486
115	740	7.98803
120	740	7.98903
125	740	7.99069
130	740	7.98943
135	740	7.99378
140	740	7.99093
145	740	7.99132
150	740	7.99525
155	740	7.99162
160	740	7.99257
165	740	7.9974
170	740	7.98743
175	740	7.99371
180	740	7.99419
185	740	7.99091
190	740	7.99644
195	740	7.99234
200	740	7.99427
205	740	7.98663
210	740	7.99381
215	740	7.99201
220	740	7.98722
225	740	7.99328
230	740	7.99257
235	740	7.99195
240	740	7.99416
245	740	7.99757
250	740	7.99263
255	740	7.991

EM wavele nm	EX wavele nm	R1 MicroAmps
260	740	7.99313
265	740	7.99021
270	740	7.99145
275	740	7.98796
280	740	7.99109
285	740	7.98668
290	740	7.99154
295	740	7.99317
300	740	7.99016
305	740	7.98893
310	740	7.99427
315	740	7.99065
320	740	7.9963
325	740	7.99719
330	740	7.99455
335	740	7.99294
340	740	7.9941
345	740	7.99284
350	740	7.99479
355	740	7.99555
360	740	7.99752
365	740	7.99538
370	740	7.9963
375	740	7.9965
380	740	7.99574
385	740	7.99511
390	740	7.9948
395	740	7.99519
400	740	7.99786
405	740	7.99666
410	740	7.99361
415	740	7.99649
420	740	7.99108
425	740	7.99645
430	740	7.99507
435	740	7.99667
440	740	7.9972
445	740	7.99592
450	740	7.9902
455	740	7.99468
460	740	7.9895
465	740	7.99182
470	740	7.98932
475	740	7.99263
480	740	7.99374
485	740	7.98769
490	740	7.99218
495	740	7.99326
500	740	7.98832
505	740	7.98605
510	740	7.99447
515	740	7.99038
520	740	7.98758
525	740	7.9973
530	740	7.98818
535	740	7.99422
540	740	7.98886
545	740	7.99525
550	740	7.99495
555	740	7.99277
560	740	7.9951
565	740	7.99357
570	740	7.99119
575	740	7.99549

EM wavele nm	EX wavele nm	R1 MicroAmps
580	740	7.99337
585	740	7.99065
590	740	7.99419
595	740	7.99126
600	740	7.99088
605	740	7.99154
610	740	7.99104
615	740	7.99277
620	740	7.98993
625	740	7.99297
630	740	7.99585
635	740	7.99367
640	740	7.99681
645	740	7.99774
650	740	7.99789
655	740	7.99355
660	740	7.99645
665	740	7.9945
670	740	7.99188
675	740	7.99264
680	740	7.99395
685	740	7.99512
690	740	7.98942
695	740	7.99077
700	740	7.99277
705	740	7.99009
710	740	7.99156
715	740	7.99317
720	740	7.99505
725	740	7.99354
730	740	7.99626
735	740	7.9968
740	740	7.9965
745	740	7.99641
750	740	7.99687
755	740	7.9963
760	740	7.99775
765	740	7.99463
770	740	7.99651
775	740	7.99529
780	740	8.00449
785	740	8.00279
790	740	8.00074
795	740	8.00398
800	740	8.00526
805	740	7.99823
810	740	8.00357
815	740	7.99867
820	740	8.00604
825	740	7.99517
830	740	7.99891
835	740	8.00375
840	740	7.99786
845	740	7.99664
850	740	7.99771
855	740	7.99669
860	740	7.99681
865	740	7.99694
870	740	7.9974
875	740	8.00101
880	740	7.99663
885	740	7.99589
890	740	7.99475
895	740	7.99563

EM wavele nm	EX wavele nm	R1 MicroAmps
900	740	7.99212
905	740	7.98981
910	740	7.99206
915	740	7.99133
920	740	7.99154
925	740	7.99243
930	740	7.99732
935	740	7.9945
940	740	7.996
945	740	7.99757
950	740	7.99963
955	740	7.99467
960	740	7.999
965	740	7.99439
970	740	7.99661
975	740	8.00048
980	740	7.99486
985	740	7.99628
990	740	7.99908
995	740	7.99364
1000	740	7.99442
1005	740	7.99707
1010	740	7.99323
1015	740	7.99695
1020	740	7.99512
1025	740	7.99452
1030	740	7.99791
1035	740	7.99658
1040	740	7.9969
1045	740	7.99441
1050	740	7.99431
1055	740	7.99391
1060	740	7.98986
1065	740	7.98948
1070	740	7.99682
1075	740	7.98667
1080	740	7.98743
1085	740	7.99025
1090	740	7.99516
1095	740	8.00032
1100	740	7.99731
1105	740	8.00112
1110	740	7.99638
1115	740	7.99558
1120	740	7.99729
1125	740	8.00036
1130	740	7.9943
1135	740	7.98759
1140	740	7.99489
1145	740	7.99047
1150	740	7.99364
0	745	7.24337
5	745	7.24306
10	745	7.24424
15	745	7.2477
20	745	7.24361
25	745	7.24453
30	745	7.24341
35	745	7.24496
40	745	7.24197
45	745	7.24247
50	745	7.24264
55	745	7.23983
60	745	7.23983

EM wavele nm	EX wavele nm	R1 MicroAmps
65	745	7.24017
70	745	7.23888
75	745	7.23882
80	745	7.23989
85	745	7.24138
90	745	7.23865
95	745	7.24105
100	745	7.24268
105	745	7.24099
110	745	7.24339
115	745	7.24587
120	745	7.24199
125	745	7.24091
130	745	7.24462
135	745	7.24157
140	745	7.24085
145	745	7.24174
150	745	7.2419
155	745	7.24171
160	745	7.24273
165	745	7.24529
170	745	7.24036
175	745	7.24339
180	745	7.24814
185	745	7.24274
190	745	7.2434
195	745	7.24409
200	745	7.24212
205	745	7.24583
210	745	7.23779
215	745	7.24849
220	745	7.24639
225	745	7.25687
230	745	7.25692
235	745	7.25329
240	745	7.25085
245	745	7.25176
250	745	7.24846
255	745	7.25544
260	745	7.25236
265	745	7.24942
270	745	7.25129
275	745	7.2441
280	745	7.24887
285	745	7.24483
290	745	7.24663
295	745	7.24489
300	745	7.24518
305	745	7.24238
310	745	7.24049
315	745	7.24125
320	745	7.24281
325	745	7.24327
330	745	7.24107
335	745	7.23965
340	745	7.24394
345	745	7.24325
350	745	7.24602
355	745	7.24458
360	745	7.24832
365	745	7.24681
370	745	7.23954
375	745	7.24232
380	745	7.24193

EM wavele nm	EX wavele nm	R1 MicroAmps
385	745	7.24055
390	745	7.24178
395	745	7.24204
400	745	7.24507
405	745	7.24172
410	745	7.24332
415	745	7.24499
420	745	7.24035
425	745	7.24285
430	745	7.24131
435	745	7.23619
440	745	7.24314
445	745	7.24338
450	745	7.25031
455	745	7.25124
460	745	7.24991
465	745	7.24863
470	745	7.24702
475	745	7.2494
480	745	7.2442
485	745	7.24154
490	745	7.24623
495	745	7.24256
500	745	7.24479
505	745	7.24128
510	745	7.24473
515	745	7.24432
520	745	7.24407
525	745	7.2453
530	745	7.24617
535	745	7.24337
540	745	7.24353
545	745	7.24569
550	745	7.23769
555	745	7.24396
560	745	7.24425
565	745	7.24581
570	745	7.24339
575	745	7.24337
580	745	7.24832
585	745	7.23938
590	745	7.24533
595	745	7.24821
600	745	7.24466
605	745	7.24357
610	745	7.24825
615	745	7.2468
620	745	7.24209
625	745	7.24688
630	745	7.2435
635	745	7.25005
640	745	7.24097
645	745	7.24444
650	745	7.24892
655	745	7.24169
660	745	7.24594
665	745	7.246
670	745	7.24247
675	745	7.2427
680	745	7.24372
685	745	7.2461
690	745	7.24445
695	745	7.24428
700	745	7.24547

EM wavele nm	EX wavele nm	R1 MicroAmps
705	745	7.24289
710	745	7.24706
715	745	7.24578
720	745	7.24097
725	745	7.24968
730	745	7.24259
735	745	7.2438
740	745	7.24417
745	745	7.2426
750	745	7.24768
755	745	7.2441
760	745	7.24348
765	745	7.24435
770	745	7.24372
775	745	7.24591
780	745	7.23907
785	745	7.24284
790	745	7.2479
795	745	7.23847
800	745	7.23992
805	745	7.24167
810	745	7.24006
815	745	7.24745
820	745	7.24195
825	745	7.24663
830	745	7.24571
835	745	7.24541
840	745	7.24488
845	745	7.24234
850	745	7.24728
855	745	7.24021
860	745	7.2404
865	745	7.24076
870	745	7.24266
875	745	7.24298
880	745	7.239
885	745	7.24412
890	745	7.24416
895	745	7.24185
900	745	7.24366
905	745	7.23735
910	745	7.24507
915	745	7.24156
920	745	7.23572
925	745	7.24457
930	745	7.24082
935	745	7.24339
940	745	7.24095
945	745	7.24546
950	745	7.24892
955	745	7.24251
960	745	7.2452
965	745	7.24296
970	745	7.24645
975	745	7.24267
980	745	7.23999
985	745	7.24008
990	745	7.23969
995	745	7.23905
1000	745	7.24072
1005	745	7.24007
1010	745	7.24684
1015	745	7.24186
1020	745	7.24267

EM wavele nm	EX wavele nm	R1 MicroAmps
1025	745	7.24429
1030	745	7.24354
1035	745	7.24907
1040	745	7.24027
1045	745	7.24119
1050	745	7.24503
1055	745	7.24199
1060	745	7.24246
1065	745	7.23974
1070	745	7.24287
1075	745	7.24373
1080	745	7.24171
1085	745	7.24059
1090	745	7.24124
1095	745	7.24263
1100	745	7.24108
1105	745	7.24492
1110	745	7.24073
1115	745	7.23842
1120	745	7.24556
1125	745	7.24108
1130	745	7.2429
1135	745	7.24016
1140	745	7.24207
1145	745	7.24777
1150	745	7.24447
0	750	6.95683
5	750	6.95552
10	750	6.95478
15	750	6.95488
20	750	6.95623
25	750	6.95435
30	750	6.9557
35	750	6.96029
40	750	6.95549
45	750	6.96113
50	750	6.95708
55	750	6.95498
60	750	6.95725
65	750	6.95624
70	750	6.95089
75	750	6.95389
80	750	6.95517
85	750	6.95176
90	750	6.95497
95	750	6.95578
100	750	6.95868
105	750	6.95698
110	750	6.95641
115	750	6.96089
120	750	6.95547
125	750	6.96002
130	750	6.95841
135	750	6.95293
140	750	6.95367
145	750	6.95442
150	750	6.95426
155	750	6.95608
160	750	6.95551
165	750	6.96069
170	750	6.95721
175	750	6.95643
180	750	6.95662
185	750	6.9565

EM wavele nm	EX wavele nm	R1 MicroAmps
190	750	6.95767
195	750	6.95862
200	750	6.95588
205	750	6.95854
210	750	6.95761
215	750	6.95389
220	750	6.96084
225	750	6.95612
230	750	6.95729
235	750	6.9539
240	750	6.95834
245	750	6.95588
250	750	6.95415
255	750	6.9558
260	750	6.95501
265	750	6.95767
270	750	6.95503
275	750	6.9577
280	750	6.95682
285	750	6.9576
290	750	6.96007
295	750	6.9563
300	750	6.96085
305	750	6.95549
310	750	6.96029
315	750	6.9583
320	750	6.95949
325	750	6.95784
330	750	6.95916
335	750	6.95698
340	750	6.9627
345	750	6.95621
350	750	6.95664
355	750	6.95613
360	750	6.95608
365	750	6.95426
370	750	6.9517
375	750	6.95546
380	750	6.95528
385	750	6.9548
390	750	6.95606
395	750	6.95854
400	750	6.95495
405	750	6.95731
410	750	6.95694
415	750	6.95435
420	750	6.95815
425	750	6.95581
430	750	6.95658
435	750	6.95688
440	750	6.95774
445	750	6.95584
450	750	6.9553
455	750	6.95502
460	750	6.95697
465	750	6.95521
470	750	6.95713
475	750	6.95809
480	750	6.95779
485	750	6.95838
490	750	6.95912
495	750	6.95842
500	750	6.95599
505	750	6.9557

EM wavele nm	EX wavele nm	R1 MicroAmps
510	750	6.95455
515	750	6.95563
520	750	6.95574
525	750	6.95612
530	750	6.9557
535	750	6.95357
540	750	6.95414
545	750	6.95349
550	750	6.95182
555	750	6.95547
560	750	6.95572
565	750	6.95139
570	750	6.95404
575	750	6.95571
580	750	6.956
585	750	6.95206
590	750	6.95397
595	750	6.95376
600	750	6.94865
605	750	6.95647
610	750	6.95405
615	750	6.95532
620	750	6.95444
625	750	6.95675
630	750	6.95182
635	750	6.95428
640	750	6.95496
645	750	6.95232
650	750	6.95449
655	750	6.94948
660	750	6.95242
665	750	6.95263
670	750	6.95057
675	750	6.95676
680	750	6.95263
685	750	6.95309
690	750	6.95477
695	750	6.95124
700	750	6.95385
705	750	6.95262
710	750	6.95214
715	750	6.9533
720	750	6.95174
725	750	6.95501
730	750	6.95377
735	750	6.95766
740	750	6.95572
745	750	6.95613
750	750	6.95806
755	750	6.95593
760	750	6.95455
765	750	6.95285
770	750	6.95176
775	750	6.95532
780	750	6.94847
785	750	6.9512
790	750	6.95383
795	750	6.94888
800	750	6.953
805	750	6.9515
810	750	6.95532
815	750	6.95634
820	750	6.9503
825	750	6.95628

EM wavele nm	EX wavele nm	R1 MicroAmps
830	750	6.95474
835	750	6.94909
840	750	6.951
845	750	6.95179
850	750	6.95163
855	750	6.94851
860	750	6.9522
865	750	6.95509
870	750	6.9577
875	750	6.95698
880	750	6.95532
885	750	6.95761
890	750	6.95249
895	750	6.95484
900	750	6.95757
905	750	6.95667
910	750	6.95712
915	750	6.95741
920	750	6.95738
925	750	6.95685
930	750	6.95513
935	750	6.95448
940	750	6.95096
945	750	6.95322
950	750	6.95212
955	750	6.94736
960	750	6.95486
965	750	6.94611
970	750	6.94974
975	750	6.95481
980	750	6.95259
985	750	6.95044
990	750	6.95037
995	750	6.95628
1000	750	6.9568
1005	750	6.95748
1010	750	6.96096
1015	750	6.95344
1020	750	6.96079
1025	750	6.96101
1030	750	6.95908
1035	750	6.95668
1040	750	6.9573
1045	750	6.95776
1050	750	6.95223
1055	750	6.95302
1060	750	6.95874
1065	750	6.95372
1070	750	6.96048
1075	750	6.95661
1080	750	6.95602
1085	750	6.95418
1090	750	6.95677
1095	750	6.95638
1100	750	6.95578
1105	750	6.95823
1110	750	6.95797
1115	750	6.95849
1120	750	6.95709
1125	750	6.95467
1130	750	6.95669
1135	750	6.95289
1140	750	6.95362
1145	750	6.96029

EM wavele nm	EX wavele nm	R1 MicroAmps
1150	750	6.95673
0	755	6.57032
5	755	6.56536
10	755	6.57194
15	755	6.56591
20	755	6.57195
25	755	6.56943
30	755	6.57283
35	755	6.57233
40	755	6.57651
45	755	6.57412
50	755	6.57571
55	755	6.57147
60	755	6.57178
65	755	6.57403
70	755	6.57173
75	755	6.5725
80	755	6.57018
85	755	6.56934
90	755	6.57311
95	755	6.57424
100	755	6.56985
105	755	6.57436
110	755	6.56978
115	755	6.57214
120	755	6.57405
125	755	6.57238
130	755	6.57691
135	755	6.56998
140	755	6.57569
145	755	6.5749
150	755	6.5732
155	755	6.57281
160	755	6.57255
165	755	6.57127
170	755	6.57015
175	755	6.5721
180	755	6.56698
185	755	6.57293
190	755	6.57067
195	755	6.57082
200	755	6.57419
205	755	6.57076
210	755	6.57236
215	755	6.56929
220	755	6.57018
225	755	6.5711
230	755	6.56668
235	755	6.56813
240	755	6.57041
245	755	6.57127
250	755	6.57146
255	755	6.5765
260	755	6.57352
265	755	6.57367
270	755	6.57232
275	755	6.57222
280	755	6.57508
285	755	6.57256
290	755	6.57108
295	755	6.57428
300	755	6.57151
305	755	6.57191
310	755	6.57405

EM wavele nm	EX wavele nm	R1 MicroAmps
315	755	6.56958
320	755	6.57203
325	755	6.57065
330	755	6.56901
335	755	6.56611
340	755	6.57177
345	755	6.5695
350	755	6.56944
355	755	6.56802
360	755	6.57189
365	755	6.57049
370	755	6.56842
375	755	6.57174
380	755	6.56741
385	755	6.57614
390	755	6.59105
395	755	6.58626
400	755	6.58693
405	755	6.58496
410	755	6.58392
415	755	6.58629
420	755	6.57989
425	755	6.58309
430	755	6.58059
435	755	6.57539
440	755	6.58194
445	755	6.57585
450	755	6.5743
455	755	6.57749
460	755	6.577
465	755	6.58072
470	755	6.57654
475	755	6.5749
480	755	6.57508
485	755	6.57313
490	755	6.57227
495	755	6.57683
500	755	6.57202
505	755	6.57719
510	755	6.57438
515	755	6.57072
520	755	6.57312
525	755	6.57482
530	755	6.57171
535	755	6.5762
540	755	6.57655
545	755	6.5763
550	755	6.57557
555	755	6.57313
560	755	6.57759
565	755	6.57106
570	755	6.57696
575	755	6.57508
580	755	6.57266
585	755	6.57188
590	755	6.57556
595	755	6.57194
600	755	6.5733
605	755	6.57236
610	755	6.56991
615	755	6.5774
620	755	6.56742
625	755	6.57284
630	755	6.57352

EM wavele nm	EX wavele nm	R1 MicroAmps
635	755	6.56973
640	755	6.57358
645	755	6.57109
650	755	6.57146
655	755	6.56748
660	755	6.57092
665	755	6.57088
670	755	6.56993
675	755	6.57146
680	755	6.57118
685	755	6.5731
690	755	6.57328
695	755	6.57176
700	755	6.57465
705	755	6.57416
710	755	6.57534
715	755	6.57211
720	755	6.57317
725	755	6.57376
730	755	6.57181
735	755	6.56915
740	755	6.56794
745	755	6.5695
750	755	6.57369
755	755	6.57076
760	755	6.57216
765	755	6.57506
770	755	6.57295
775	755	6.57374
780	755	6.57146
785	755	6.57199
790	755	6.57039
795	755	6.57015
800	755	6.56971
805	755	6.56949
810	755	6.57208
815	755	6.56876
820	755	6.56943
825	755	6.57179
830	755	6.56932
835	755	6.57188
840	755	6.56939
845	755	6.57608
850	755	6.57517
855	755	6.57261
860	755	6.57461
865	755	6.57146
870	755	6.57651
875	755	6.56757
880	755	6.57221
885	755	6.57226
890	755	6.57464
895	755	6.57182
900	755	6.57288
905	755	6.57497
910	755	6.57243
915	755	6.57409
920	755	6.5718
925	755	6.57074
930	755	6.57543
935	755	6.57121
940	755	6.57156
945	755	6.56977
950	755	6.56795

EM wavele nm	EX wavele nm	R1 MicroAmps
955	755	6.57291
960	755	6.56832
965	755	6.57064
970	755	6.57536
975	755	6.57047
980	755	6.57165
985	755	6.57188
990	755	6.57525
995	755	6.57433
1000	755	6.57754
1005	755	6.57488
1010	755	6.57583
1015	755	6.57487
1020	755	6.57378
1025	755	6.57063
1030	755	6.57238
1035	755	6.57004
1040	755	6.57378
1045	755	6.56941
1050	755	6.57473
1055	755	6.57301
1060	755	6.57315
1065	755	6.57343
1070	755	6.57027
1075	755	6.57161
1080	755	6.57248
1085	755	6.57168
1090	755	6.57186
1095	755	6.57226
1100	755	6.5721
1105	755	6.57549
1110	755	6.57536
1115	755	6.56892
1120	755	6.57379
1125	755	6.56922
1130	755	6.56853
1135	755	6.57481
1140	755	6.56731
1145	755	6.56982
1150	755	6.56987
0	760	7.6441
5	760	7.64752
10	760	7.64896
15	760	7.64415
20	760	7.65085
25	760	7.64702
30	760	7.64624
35	760	7.64506
40	760	7.6478
45	760	7.64668
50	760	7.64777
55	760	7.64633
60	760	7.64582
65	760	7.64321
70	760	7.64388
75	760	7.64722
80	760	7.6446
85	760	7.64364
90	760	7.6448
95	760	7.64125
100	760	7.64238
105	760	7.64478
110	760	7.64036
115	760	7.64706

EM wavele nm	EX wavele nm	R1 MicroAmps
120	760	7.6471
125	760	7.65226
130	760	7.65002
135	760	7.64828
140	760	7.65389
145	760	7.64407
150	760	7.6503
155	760	7.6477
160	760	7.64636
165	760	7.6383
170	760	7.6428
175	760	7.64521
180	760	7.64178
185	760	7.64569
190	760	7.64331
195	760	7.64288
200	760	7.64591
205	760	7.64353
210	760	7.64582
215	760	7.64327
220	760	7.64858
225	760	7.64617
230	760	7.64354
235	760	7.64594
240	760	7.64716
245	760	7.64638
250	760	7.65009
255	760	7.64789
260	760	7.65053
265	760	7.64791
270	760	7.64826
275	760	7.6513
280	760	7.6476
285	760	7.64888
290	760	7.64878
295	760	7.64663
300	760	7.64394
305	760	7.6483
310	760	7.64512
315	760	7.64332
320	760	7.64636
325	760	7.64409
330	760	7.65125
335	760	7.65802
340	760	7.65208
345	760	7.6557
350	760	7.65575
355	760	7.65118
360	760	7.65628
365	760	7.65247
370	760	7.65033
375	760	7.6563
380	760	7.64982
385	760	7.65055
390	760	7.65278
395	760	7.64835
400	760	7.64583
405	760	7.6489
410	760	7.6455
415	760	7.65032
420	760	7.64797
425	760	7.64751
430	760	7.6517
435	760	7.64592

EM wavele nm	EX wavele nm	R1 MicroAmps
440	760	7.65091
445	760	7.64871
450	760	7.64275
455	760	7.64727
460	760	7.64956
465	760	7.64718
470	760	7.65007
475	760	7.64563
480	760	7.65141
485	760	7.64381
490	760	7.6434
495	760	7.65081
500	760	7.64614
505	760	7.64208
510	760	7.65384
515	760	7.64445
520	760	7.64885
525	760	7.65123
530	760	7.64632
535	760	7.64864
540	760	7.64873
545	760	7.64497
550	760	7.64515
555	760	7.6448
560	760	7.64868
565	760	7.6502
570	760	7.64617
575	760	7.65095
580	760	7.64996
585	760	7.6479
590	760	7.65102
595	760	7.64734
600	760	7.64756
605	760	7.64454
610	760	7.64893
615	760	7.65084
620	760	7.64912
625	760	7.64961
630	760	7.64986
635	760	7.65213
640	760	7.64912
645	760	7.6511
650	760	7.65334
655	760	7.65308
660	760	7.65043
665	760	7.65379
670	760	7.65029
675	760	7.6495
680	760	7.65022
685	760	7.64921
690	760	7.6538
695	760	7.65097
700	760	7.6481
705	760	7.65095
710	760	7.64959
715	760	7.64798
720	760	7.65088
725	760	7.65196
730	760	7.65259
735	760	7.64925
740	760	7.65153
745	760	7.64742
750	760	7.64983
755	760	7.64522

EM wavele nm	EX wavele nm	R1 MicroAmps
760	760	7.6483
765	760	7.64806
770	760	7.65157
775	760	7.64877
780	760	7.64856
785	760	7.65118
790	760	7.64947
795	760	7.65228
800	760	7.64998
805	760	7.65204
810	760	7.65208
815	760	7.65085
820	760	7.65212
825	760	7.64917
830	760	7.65084
835	760	7.64994
840	760	7.64889
845	760	7.64822
850	760	7.64629
855	760	7.65003
860	760	7.65479
865	760	7.64703
870	760	7.65481
875	760	7.65533
880	760	7.65049
885	760	7.64996
890	760	7.64826
895	760	7.64977
900	760	7.65135
905	760	7.65
910	760	7.6505
915	760	7.6471
920	760	7.64811
925	760	7.64686
930	760	7.64523
935	760	7.64861
940	760	7.643
945	760	7.65147
950	760	7.65167
955	760	7.65402
960	760	7.65182
965	760	7.64981
970	760	7.65073
975	760	7.64832
980	760	7.64424
985	760	7.64909
990	760	7.64622
995	760	7.65031
1000	760	7.64724
1005	760	7.64869
1010	760	7.65143
1015	760	7.65346
1020	760	7.65183
1025	760	7.64831
1030	760	7.6497
1035	760	7.64969
1040	760	7.65306
1045	760	7.64846
1050	760	7.65056
1055	760	7.65546
1060	760	7.65454
1065	760	7.65007
1070	760	7.64892
1075	760	7.65225

EM wavele nm	EX wavele nm	R1 MicroAmps
1080	760	7.65398
1085	760	7.65181
1090	760	7.65448
1095	760	7.65542
1100	760	7.65245
1105	760	7.65457
1110	760	7.65471
1115	760	7.65235
1120	760	7.65301
1125	760	7.65231
1130	760	7.65277
1135	760	7.65166
1140	760	7.65131
1145	760	7.64766
1150	760	7.653
0	765	9.44354
5	765	9.44164
10	765	9.44626
15	765	9.44744
20	765	9.4432
25	765	9.44464
30	765	9.44946
35	765	9.44099
40	765	9.44842
45	765	9.44343
50	765	9.44654
55	765	9.44043
60	765	9.44227
65	765	9.4446
70	765	9.43743
75	765	9.44172
80	765	9.43809
85	765	9.43792
90	765	9.43329
95	765	9.44469
100	765	9.43995
105	765	9.44324
110	765	9.44465
115	765	9.43981
120	765	9.43989
125	765	9.44043
130	765	9.44012
135	765	9.44322
140	765	9.44267
145	765	9.44686
150	765	9.44692
155	765	9.44045
160	765	9.44945
165	765	9.44599
170	765	9.4401
175	765	9.44848
180	765	9.44885
185	765	9.44038
190	765	9.4492
195	765	9.44417
200	765	9.44832
205	765	9.43957
210	765	9.44347
215	765	9.44683
220	765	9.44266
225	765	9.43928
230	765	9.44778
235	765	9.44266
240	765	9.44087

EM wavele nm	EX wavele nm	R1 MicroAmps
245	765	9.45012
250	765	9.4391
255	765	9.44506
260	765	9.44403
265	765	9.44485
270	765	9.44686
275	765	9.44273
280	765	9.44709
285	765	9.44265
290	765	9.44619
295	765	9.44265
300	765	9.44805
305	765	9.44196
310	765	9.44638
315	765	9.44875
320	765	9.4441
325	765	9.45
330	765	9.44757
335	765	9.44954
340	765	9.44521
345	765	9.44762
350	765	9.44839
355	765	9.44245
360	765	9.44192
365	765	9.44719
370	765	9.44211
375	765	9.44117
380	765	9.44683
385	765	9.44328
390	765	9.44436
395	765	9.44533
400	765	9.44505
405	765	9.44786
410	765	9.44293
415	765	9.44577
420	765	9.44432
425	765	9.44379
430	765	9.44588
435	765	9.44352
440	765	9.44213
445	765	9.44558
450	765	9.44636
455	765	9.44432
460	765	9.44543
465	765	9.44169
470	765	9.44825
475	765	9.44502
480	765	9.43872
485	765	9.45066
490	765	9.44448
495	765	9.44505
500	765	9.44557
505	765	9.45084
510	765	9.44322
515	765	9.44635
520	765	9.44669
525	765	9.44672
530	765	9.43995
535	765	9.43611
540	765	9.44192
545	765	9.4367
550	765	9.43606
555	765	9.4443
560	765	9.44344

EM wavele nm	EX wavele nm	R1 MicroAmps
565	765	9.44332
570	765	9.43915
575	765	9.4426
580	765	9.44266
585	765	9.43532
590	765	9.44294
595	765	9.44247
600	765	9.44308
605	765	9.44436
610	765	9.44647
615	765	9.44695
620	765	9.43565
625	765	9.44348
630	765	9.4439
635	765	9.44281
640	765	9.4414
645	765	9.44391
650	765	9.44155
655	765	9.44422
660	765	9.44282
665	765	9.44034
670	765	9.43968
675	765	9.44801
680	765	9.44249
685	765	9.44667
690	765	9.44421
695	765	9.45007
700	765	9.44832
705	765	9.44687
710	765	9.45093
715	765	9.44791
720	765	9.44601
725	765	9.44546
730	765	9.44067
735	765	9.44759
740	765	9.44464
745	765	9.44148
750	765	9.45071
755	765	9.4462
760	765	9.44661
765	765	9.44416
770	765	9.44952
775	765	9.44711
780	765	9.44323
785	765	9.45198
790	765	9.4448
795	765	9.44956
800	765	9.44664
805	765	9.44401
810	765	9.44686
815	765	9.4471
820	765	9.44434
825	765	9.44501
830	765	9.44567
835	765	9.44498
840	765	9.44311
845	765	9.44118
850	765	9.44698
855	765	9.44147
860	765	9.44767
865	765	9.44635
870	765	9.4445
875	765	9.45351
880	765	9.44616

EM wavele nm	EX wavele nm	R1 MicroAmps
885	765	9.44787
890	765	9.44516
895	765	9.44708
900	765	9.44115
905	765	9.43806
910	765	9.44435
915	765	9.44031
920	765	9.43758
925	765	9.44522
930	765	9.43947
935	765	9.44628
940	765	9.44587
945	765	9.44778
950	765	9.45283
955	765	9.44905
960	765	9.44939
965	765	9.44389
970	765	9.44639
975	765	9.44738
980	765	9.44343
985	765	9.44656
990	765	9.44311
995	765	9.44511
1000	765	9.44313
1005	765	9.44351
1010	765	9.44074
1015	765	9.44707
1020	765	9.44348
1025	765	9.4403
1030	765	9.44045
1035	765	9.44218
1040	765	9.44557
1045	765	9.44048
1050	765	9.44335
1055	765	9.4421
1060	765	9.44505
1065	765	9.44493
1070	765	9.44465
1075	765	9.44427
1080	765	9.43955
1085	765	9.44694
1090	765	9.44735
1095	765	9.44151
1100	765	9.44284
1105	765	9.44061
1110	765	9.44645
1115	765	9.44645
1120	765	9.44811
1125	765	9.44351
1130	765	9.44726
1135	765	9.44246
1140	765	9.45267
1145	765	9.44684
1150	765	9.44038
0	770	5.41025
5	770	5.40998
10	770	5.41343
15	770	5.41072
20	770	5.409
25	770	5.41109
30	770	5.40782
35	770	5.40626
40	770	5.40937
45	770	5.40713

EM wavele nm	EX wavele nm	R1 MicroAmps
50	770	5.4086
55	770	5.40923
60	770	5.41261
65	770	5.40757
70	770	5.41162
75	770	5.40846
80	770	5.40869
85	770	5.41081
90	770	5.41255
95	770	5.40942
100	770	5.41315
105	770	5.41135
110	770	5.4113
115	770	5.41142
120	770	5.41038
125	770	5.41227
130	770	5.41292
135	770	5.41282
140	770	5.414
145	770	5.4137
150	770	5.41308
155	770	5.41506
160	770	5.41125
165	770	5.41326
170	770	5.41349
175	770	5.41337
180	770	5.41296
185	770	5.41295
190	770	5.41209
195	770	5.41183
200	770	5.40798
205	770	5.4091
210	770	5.41167
215	770	5.41037
220	770	5.41021
225	770	5.41391
230	770	5.41193
235	770	5.41033
240	770	5.41068
245	770	5.41173
250	770	5.40867
255	770	5.40773
260	770	5.41181
265	770	5.40927
270	770	5.41178
275	770	5.41041
280	770	5.41266
285	770	5.40845
290	770	5.4086
295	770	5.4127
300	770	5.4071
305	770	5.41273
310	770	5.40992
315	770	5.40707
320	770	5.40982
325	770	5.41028
330	770	5.41026
335	770	5.41034
340	770	5.40864
345	770	5.41351
350	770	5.40758
355	770	5.40904
360	770	5.41338
365	770	5.40965

EM wavele nm	EX wavele nm	R1 MicroAmps
370	770	5.40941
375	770	5.41167
380	770	5.40922
385	770	5.40877
390	770	5.41137
395	770	5.41007
400	770	5.41235
405	770	5.40883
410	770	5.40997
415	770	5.41111
420	770	5.40466
425	770	5.41181
430	770	5.41192
435	770	5.40628
440	770	5.41189
445	770	5.40901
450	770	5.40948
455	770	5.40923
460	770	5.41064
465	770	5.41096
470	770	5.40988
475	770	5.41012
480	770	5.4117
485	770	5.40811
490	770	5.40885
495	770	5.41167
500	770	5.40555
505	770	5.40654
510	770	5.40752
515	770	5.40656
520	770	5.40895
525	770	5.40797
530	770	5.41012
535	770	5.40931
540	770	5.40978
545	770	5.41008
550	770	5.40973
555	770	5.40531
560	770	5.40908
565	770	5.40473
570	770	5.40977
575	770	5.41088
580	770	5.41357
585	770	5.41279
590	770	5.41527
595	770	5.41326
600	770	5.41313
605	770	5.41496
610	770	5.40936
615	770	5.41358
620	770	5.41228
625	770	5.41275
630	770	5.41114
635	770	5.41412
640	770	5.40474
645	770	5.4082
650	770	5.41069
655	770	5.40757
660	770	5.40999
665	770	5.40863
670	770	5.41165
675	770	5.41142
680	770	5.41087
685	770	5.41264

EM wavele nm	EX wavele nm	R1 MicroAmps
690	770	5.41118
695	770	5.41394
700	770	5.41042
705	770	5.41267
710	770	5.41142
715	770	5.41091
720	770	5.41125
725	770	5.41113
730	770	5.41083
735	770	5.41126
740	770	5.4083
745	770	5.41156
750	770	5.4085
755	770	5.41013
760	770	5.40828
765	770	5.41211
770	770	5.41268
775	770	5.40891
780	770	5.41026
785	770	5.41259
790	770	5.41611
795	770	5.4111
800	770	5.41296
805	770	5.4121
810	770	5.41438
815	770	5.41195
820	770	5.40965
825	770	5.41294
830	770	5.41194
835	770	5.41279
840	770	5.41247
845	770	5.41221
850	770	5.41315
855	770	5.40868
860	770	5.40988
865	770	5.40937
870	770	5.40809
875	770	5.40883
880	770	5.40533
885	770	5.41233
890	770	5.41103
895	770	5.40919
900	770	5.41291
905	770	5.41178
910	770	5.41521
915	770	5.41062
920	770	5.41404
925	770	5.41179
930	770	5.41085
935	770	5.40962
940	770	5.40909
945	770	5.41472
950	770	5.41095
955	770	5.40935
960	770	5.41133
965	770	5.40826
970	770	5.40939
975	770	5.40999
980	770	5.40909
985	770	5.41363
990	770	5.41049
995	770	5.4114
1000	770	5.41365
1005	770	5.4115

EM wavele nm	EX wavele nm	R1 MicroAmps
1010	770	5.41379
1015	770	5.4089
1020	770	5.41027
1025	770	5.41214
1030	770	5.41123
1035	770	5.40854
1040	770	5.41206
1045	770	5.41253
1050	770	5.41331
1055	770	5.41396
1060	770	5.4122
1065	770	5.41216
1070	770	5.41264
1075	770	5.41399
1080	770	5.41174
1085	770	5.41019
1090	770	5.40904
1095	770	5.41198
1100	770	5.41316
1105	770	5.41432
1110	770	5.41116
1115	770	5.40938
1120	770	5.40915
1125	770	5.41017
1130	770	5.41272
1135	770	5.40841
1140	770	5.40742
1145	770	5.40773
1150	770	5.40818
0	775	4.56658
5	775	4.56983
10	775	4.56527
15	775	4.56659
20	775	4.56602
25	775	4.56307
30	775	4.56646
35	775	4.56623
40	775	4.56504
45	775	4.56688
50	775	4.56696
55	775	4.56498
60	775	4.56556
65	775	4.56419
70	775	4.56483
75	775	4.56482
80	775	4.56489
85	775	4.56694
90	775	4.56605
95	775	4.56777
100	775	4.56584
105	775	4.56706
110	775	4.56192
115	775	4.5658
120	775	4.56652
125	775	4.56164
130	775	4.56397
135	775	4.56357
140	775	4.56617
145	775	4.56596
150	775	4.56746
155	775	4.56803
160	775	4.56696
165	775	4.56709
170	775	4.56706

EM wavele nm	EX wavele nm	R1 MicroAmps
175	775	4.5666
180	775	4.56589
185	775	4.57058
190	775	4.56688
195	775	4.56968
200	775	4.56801
205	775	4.56927
210	775	4.56977
215	775	4.56633
220	775	4.56893
225	775	4.56693
230	775	4.56628
235	775	4.56523
240	775	4.5667
245	775	4.56545
250	775	4.56767
255	775	4.568
260	775	4.56902
265	775	4.56706
270	775	4.57118
275	775	4.56725
280	775	4.56851
285	775	4.56936
290	775	4.56803
295	775	4.5662
300	775	4.56701
305	775	4.56866
310	775	4.56357
315	775	4.5676
320	775	4.56816
325	775	4.5659
330	775	4.56569
335	775	4.56712
340	775	4.56755
345	775	4.56924
350	775	4.56864
355	775	4.56811
360	775	4.56786
365	775	4.56696
370	775	4.57026
375	775	4.56683
380	775	4.56509
385	775	4.56506
390	775	4.56663
395	775	4.56465
400	775	4.56729
405	775	4.56574
410	775	4.56587
415	775	4.56236
420	775	4.56247
425	775	4.56741
430	775	4.5648
435	775	4.56649
440	775	4.56797
445	775	4.56746
450	775	4.56819
455	775	4.56712
460	775	4.56944
465	775	4.56761
470	775	4.5689
475	775	4.56645
480	775	4.56681
485	775	4.56404
490	775	4.56814

EM wavele nm	EX wavele nm	R1 MicroAmps
495	775	4.56524
500	775	4.56395
505	775	4.56742
510	775	4.5656
515	775	4.56711
520	775	4.5656
525	775	4.56632
530	775	4.56829
535	775	4.56526
540	775	4.56444
545	775	4.56787
550	775	4.56695
555	775	4.56508
560	775	4.56682
565	775	4.56826
570	775	4.56764
575	775	4.56724
580	775	4.56616
585	775	4.56921
590	775	4.5683
595	775	4.56416
600	775	4.56996
605	775	4.56495
610	775	4.56636
615	775	4.56777
620	775	4.56512
625	775	4.56609
630	775	4.56833
635	775	4.56753
640	775	4.56983
645	775	4.56627
650	775	4.56692
655	775	4.56665
660	775	4.56259
665	775	4.56604
670	775	4.56693
675	775	4.56451
680	775	4.5643
685	775	4.56577
690	775	4.56804
695	775	4.56804
700	775	4.56704
705	775	4.56791
710	775	4.56691
715	775	4.56634
720	775	4.56694
725	775	4.56557
730	775	4.56681
735	775	4.56582
740	775	4.56834
745	775	4.57069
750	775	4.57114
755	775	4.57147
760	775	4.56952
765	775	4.5679
770	775	4.57038
775	775	4.56796
780	775	4.5644
785	775	4.56719
790	775	4.5656
795	775	4.56814
800	775	4.56595
805	775	4.5705
810	775	4.5693

EM wavele nm	EX wavele nm	R1 MicroAmps
815	775	4.56953
820	775	4.57162
825	775	4.569
830	775	4.5733
835	775	4.56851
840	775	4.56509
845	775	4.56514
850	775	4.56306
855	775	4.5652
860	775	4.56368
865	775	4.56566
870	775	4.5689
875	775	4.56326
880	775	4.56767
885	775	4.56698
890	775	4.56789
895	775	4.5703
900	775	4.56934
905	775	4.57056
910	775	4.56916
915	775	4.57134
920	775	4.56971
925	775	4.56728
930	775	4.56999
935	775	4.5691
940	775	4.56939
945	775	4.56781
950	775	4.5691
955	775	4.56812
960	775	4.56902
965	775	4.56799
970	775	4.56857
975	775	4.56936
980	775	4.56976
985	775	4.56598
990	775	4.56833
995	775	4.56983
1000	775	4.5659
1005	775	4.5688
1010	775	4.56954
1015	775	4.56826
1020	775	4.57039
1025	775	4.56818
1030	775	4.57133
1035	775	4.57234
1040	775	4.57179
1045	775	4.56944
1050	775	4.56922
1055	775	4.56887
1060	775	4.56997
1065	775	4.56941
1070	775	4.569
1075	775	4.57057
1080	775	4.56891
1085	775	4.56865
1090	775	4.5687
1095	775	4.5684
1100	775	4.56817
1105	775	4.56954
1110	775	4.57098
1115	775	4.571
1120	775	4.56778
1125	775	4.57076
1130	775	4.56967

EM wavele nm	EX wavele nm	R1 MicroAmps
1135	775	4.5718
1140	775	4.56676
1145	775	4.56847
1150	775	4.5662
0	780	4.31731
5	780	4.31499
10	780	4.31706
15	780	4.31683
20	780	4.3153
25	780	4.31647
30	780	4.31682
35	780	4.31398
40	780	4.31649
45	780	4.31409
50	780	4.31732
55	780	4.31515
60	780	4.31493
65	780	4.31826
70	780	4.31496
75	780	4.31399
80	780	4.3167
85	780	4.31398
90	780	4.31413
95	780	4.31217
100	780	4.31317
105	780	4.32337
110	780	4.32083
115	780	4.31952
120	780	4.32141
125	780	4.31879
130	780	4.31858
135	780	4.32022
140	780	4.31514
145	780	4.31746
150	780	4.31791
155	780	4.31474
160	780	4.31663
165	780	4.3176
170	780	4.31861
175	780	4.31709
180	780	4.31449
185	780	4.3141
190	780	4.31487
195	780	4.31317
200	780	4.31547
205	780	4.31437
210	780	4.31357
215	780	4.31692
220	780	4.31813
225	780	4.31764
230	780	4.3172
235	780	4.31601
240	780	4.31712
245	780	4.31522
250	780	4.31479
255	780	4.31595
260	780	4.31449
265	780	4.31295
270	780	4.31567
275	780	4.31362
280	780	4.31324
285	780	4.31298
290	780	4.31265
295	780	4.31807

EM wavele nm	EX wavele nm	R1 MicroAmps
300	780	4.31448
305	780	4.31712
310	780	4.31382
315	780	4.31302
320	780	4.31588
325	780	4.31178
330	780	4.31238
335	780	4.31457
340	780	4.31337
345	780	4.31187
350	780	4.31496
355	780	4.31403
360	780	4.31647
365	780	4.31642
370	780	4.31693
375	780	4.32012
380	780	4.31448
385	780	4.31504
390	780	4.31784
395	780	4.31472
400	780	4.31531
405	780	4.31626
410	780	4.31308
415	780	4.31442
420	780	4.31256
425	780	4.31271
430	780	4.31529
435	780	4.31275
440	780	4.31643
445	780	4.31762
450	780	4.31401
455	780	4.31589
460	780	4.31659
465	780	4.31612
470	780	4.31526
475	780	4.31645
480	780	4.31448
485	780	4.31447
490	780	4.31172
495	780	4.31353
500	780	4.31239
505	780	4.31202
510	780	4.31411
515	780	4.31351
520	780	4.31164
525	780	4.31247
530	780	4.31291
535	780	4.31171
540	780	4.31465
545	780	4.31281
550	780	4.3178
555	780	4.31602
560	780	4.31522
565	780	4.31609
570	780	4.31655
575	780	4.31715
580	780	4.31545
585	780	4.3194
590	780	4.31661
595	780	4.31716
600	780	4.31683
605	780	4.31549
610	780	4.31697
615	780	4.31628

EM wavele nm	EX wavele nm	R1 MicroAmps
620	780	4.31744
625	780	4.3172
630	780	4.31445
635	780	4.31444
640	780	4.31454
645	780	4.31219
650	780	4.31224
655	780	4.31338
660	780	4.31643
665	780	4.31483
670	780	4.31749
675	780	4.31558
680	780	4.31761
685	780	4.31624
690	780	4.31539
695	780	4.31628
700	780	4.319
705	780	4.31549
710	780	4.31598
715	780	4.31649
720	780	4.31545
725	780	4.31716
730	780	4.31593
735	780	4.31473
740	780	4.31868
745	780	4.31647
750	780	4.31532
755	780	4.31613
760	780	4.31945
765	780	4.31733
770	780	4.3147
775	780	4.31863
780	780	4.3171
785	780	4.31689
790	780	4.31803
795	780	4.31629
800	780	4.31918
805	780	4.31788
810	780	4.318
815	780	4.31681
820	780	4.31613
825	780	4.31812
830	780	4.31435
835	780	4.31624
840	780	4.31635
845	780	4.3144
850	780	4.31554
855	780	4.3161
860	780	4.31323
865	780	4.31815
870	780	4.31762
875	780	4.31219
880	780	4.31703
885	780	4.31542
890	780	4.31412
895	780	4.31505
900	780	4.31547
905	780	4.31556
910	780	4.31478
915	780	4.31337
920	780	4.31257
925	780	4.31233
930	780	4.31566
935	780	4.31468

EM wavele nm	EX wavele nm	R1 MicroAmps
940	780	4.31993
945	780	4.32153
950	780	4.32184
955	780	4.31865
960	780	4.31932
965	780	4.31838
970	780	4.31752
975	780	4.32028
980	780	4.31869
985	780	4.31708
990	780	4.32063
995	780	4.3201
1000	780	4.31828
1005	780	4.31798
1010	780	4.3177
1015	780	4.31537
1020	780	4.31789
1025	780	4.31656
1030	780	4.31745
1035	780	4.3153
1040	780	4.31745
1045	780	4.31503
1050	780	4.3134
1055	780	4.31425
1060	780	4.31333
1065	780	4.31341
1070	780	4.31197
1075	780	4.31399
1080	780	4.31475
1085	780	4.31564
1090	780	4.31687
1095	780	4.31578
1100	780	4.31579
1105	780	4.3158
1110	780	4.31694
1115	780	4.31541
1120	780	4.31534
1125	780	4.31562
1130	780	4.31728
1135	780	4.31747
1140	780	4.3183
1145	780	4.31686
1150	780	4.31797
0	785	4.41744
5	785	4.41723
10	785	4.41398
15	785	4.41649
20	785	4.41709
25	785	4.41485
30	785	4.41918
35	785	4.4171
40	785	4.41568
45	785	4.41765
50	785	4.41753
55	785	4.41781
60	785	4.41609
65	785	4.41548
70	785	4.42051
75	785	4.41417
80	785	4.41474
85	785	4.41757
90	785	4.4133
95	785	4.41598
100	785	4.41567

EM wavele nm	EX wavele nm	R1 MicroAmps
105	785	4.41203
110	785	4.41569
115	785	4.4123
120	785	4.41461
125	785	4.41697
130	785	4.41306
135	785	4.4156
140	785	4.41716
145	785	4.41598
150	785	4.41692
155	785	4.41743
160	785	4.41556
165	785	4.4165
170	785	4.41743
175	785	4.41783
180	785	4.41634
185	785	4.41552
190	785	4.41734
195	785	4.41388
200	785	4.41403
205	785	4.41601
210	785	4.41142
215	785	4.41488
220	785	4.41446
225	785	4.41162
230	785	4.41496
235	785	4.41245
240	785	4.41208
245	785	4.41639
250	785	4.41463
255	785	4.4178
260	785	4.41401
265	785	4.41578
270	785	4.4187
275	785	4.41411
280	785	4.41506
285	785	4.41908
290	785	4.41468
295	785	4.41638
300	785	4.41794
305	785	4.41507
310	785	4.4179
315	785	4.41578
320	785	4.41571
325	785	4.41596
330	785	4.41282
335	785	4.41874
340	785	4.4157
345	785	4.41521
350	785	4.41667
355	785	4.41689
360	785	4.4151
365	785	4.41899
370	785	4.41432
375	785	4.41613
380	785	4.41304
385	785	4.41549
390	785	4.41632
395	785	4.41306
400	785	4.41673
405	785	4.41629
410	785	4.41572
415	785	4.41531
420	785	4.41665

EM wavele nm	EX wavele nm	R1 MicroAmps
425	785	4.41492
430	785	4.41728
435	785	4.41583
440	785	4.41788
445	785	4.41453
450	785	4.41278
455	785	4.41565
460	785	4.41556
465	785	4.41383
470	785	4.41711
475	785	4.41582
480	785	4.41735
485	785	4.41656
490	785	4.41524
495	785	4.41699
500	785	4.41514
505	785	4.41343
510	785	4.41475
515	785	4.41439
520	785	4.41452
525	785	4.41835
530	785	4.4154
535	785	4.41474
540	785	4.41404
545	785	4.41335
550	785	4.4142
555	785	4.41388
560	785	4.41505
565	785	4.41416
570	785	4.41311
575	785	4.41553
580	785	4.41632
585	785	4.41499
590	785	4.41805
595	785	4.4176
600	785	4.4161
605	785	4.41592
610	785	4.41467
615	785	4.41927
620	785	4.41418
625	785	4.41151
630	785	4.41591
635	785	4.4129
640	785	4.41083
645	785	4.41479
650	785	4.41217
655	785	4.41749
660	785	4.41079
665	785	4.41539
670	785	4.41691
675	785	4.41391
680	785	4.4166
685	785	4.41281
690	785	4.41771
695	785	4.415
700	785	4.41214
705	785	4.4161
710	785	4.41442
715	785	4.4142
720	785	4.41383
725	785	4.41314
730	785	4.41585
735	785	4.41411
740	785	4.4134

EM wavele nm	EX wavele nm	R1 MicroAmps
745	785	4.41431
750	785	4.41412
755	785	4.41525
760	785	4.41239
765	785	4.41377
770	785	4.41521
775	785	4.41422
780	785	4.41306
785	785	4.41078
790	785	4.4113
795	785	4.41524
800	785	4.41286
805	785	4.41262
810	785	4.41249
815	785	4.41455
820	785	4.41463
825	785	4.41331
830	785	4.41446
835	785	4.41568
840	785	4.41744
845	785	4.41451
850	785	4.41316
855	785	4.4152
860	785	4.41566
865	785	4.41368
870	785	4.41391
875	785	4.41541
880	785	4.41781
885	785	4.41692
890	785	4.41388
895	785	4.41372
900	785	4.41739
905	785	4.4157
910	785	4.41468
915	785	4.41243
920	785	4.41503
925	785	4.41165
930	785	4.41476
935	785	4.41361
940	785	4.41226
945	785	4.41513
950	785	4.41341
955	785	4.41219
960	785	4.41241
965	785	4.41519
970	785	4.41256
975	785	4.41418
980	785	4.41574
985	785	4.41453
990	785	4.41583
995	785	4.4159
1000	785	4.41308
1005	785	4.41764
1010	785	4.41505
1015	785	4.41476
1020	785	4.41443
1025	785	4.41645
1030	785	4.41599
1035	785	4.41264
1040	785	4.41631
1045	785	4.41565
1050	785	4.41521
1055	785	4.41447
1060	785	4.41547

EM wavele nm	EX wavele nm	R1 MicroAmps
1065	785	4.414
1070	785	4.41607
1075	785	4.4172
1080	785	4.41498
1085	785	4.41277
1090	785	4.41584
1095	785	4.41475
1100	785	4.41301
1105	785	4.41435
1110	785	4.41485
1115	785	4.41595
1120	785	4.4148
1125	785	4.41811
1130	785	4.41319
1135	785	4.41388
1140	785	4.41581
1145	785	4.41384
1150	785	4.41549
0	790	4.93737
5	790	4.93737
10	790	4.93636
15	790	4.93767
20	790	4.93683
25	790	4.93518
30	790	4.93588
35	790	4.9352
40	790	4.93645
45	790	4.93363
50	790	4.93453
55	790	4.93546
60	790	4.9305
65	790	4.9339
70	790	4.93471
75	790	4.93379
80	790	4.93653
85	790	4.93663
90	790	4.93659
95	790	4.93399
100	790	4.93732
105	790	4.93557
110	790	4.93672
115	790	4.93388
120	790	4.93511
125	790	4.93855
130	790	4.93285
135	790	4.93536
140	790	4.93359
145	790	4.93515
150	790	4.93311
155	790	4.93466
160	790	4.93708
165	790	4.93279
170	790	4.9358
175	790	4.93687
180	790	4.93411
185	790	4.93453
190	790	4.93731
195	790	4.93562
200	790	4.93763
205	790	4.93783
210	790	4.93499
215	790	4.93259
220	790	4.93396
225	790	4.93449

EM wavele nm	EX wavele nm	R1 MicroAmps
230	790	4.93703
235	790	4.93531
240	790	4.93743
245	790	4.93714
250	790	4.93498
255	790	4.93992
260	790	4.93534
265	790	4.93549
270	790	4.93595
275	790	4.93764
280	790	4.93447
285	790	4.93648
290	790	4.9374
295	790	4.93742
300	790	4.93695
305	790	4.93721
310	790	4.93879
315	790	4.93435
320	790	4.93827
325	790	4.93792
330	790	4.9376
335	790	4.93592
340	790	4.93785
345	790	4.93709
350	790	4.93391
355	790	4.93808
360	790	4.9348
365	790	4.93652
370	790	4.93573
375	790	4.93616
380	790	4.93489
385	790	4.93521
390	790	4.93765
395	790	4.93713
400	790	4.93782
405	790	4.9363
410	790	4.93541
415	790	4.93758
420	790	4.9372
425	790	4.93701
430	790	4.93938
435	790	4.93709
440	790	4.93866
445	790	4.93609
450	790	4.93557
455	790	4.93558
460	790	4.9354
465	790	4.93312
470	790	4.93507
475	790	4.93625
480	790	4.93467
485	790	4.9331
490	790	4.93417
495	790	4.93262
500	790	4.93118
505	790	4.93595
510	790	4.93401
515	790	4.93448
520	790	4.93533
525	790	4.93576
530	790	4.93555
535	790	4.93315
540	790	4.9367
545	790	4.93774

EM wavele nm	EX wavele nm	R1 MicroAmps
550	790	4.93486
555	790	4.93639
560	790	4.93688
565	790	4.93939
570	790	4.93734
575	790	4.93985
580	790	4.94003
585	790	4.93811
590	790	4.93968
595	790	4.93834
600	790	4.9351
605	790	4.93917
610	790	4.93781
615	790	4.93716
620	790	4.93798
625	790	4.93878
630	790	4.93917
635	790	4.93908
640	790	4.93738
645	790	4.93978
650	790	4.93686
655	790	4.93458
660	790	4.93711
665	790	4.93706
670	790	4.93571
675	790	4.93814
680	790	4.93588
685	790	4.93757
690	790	4.93549
695	790	4.93729
700	790	4.9386
705	790	4.93497
710	790	4.93722
715	790	4.9362
720	790	4.93735
725	790	4.9363
730	790	4.93276
735	790	4.93593
740	790	4.93648
745	790	4.93546
750	790	4.93655
755	790	4.93681
760	790	4.93655
765	790	4.93585
770	790	4.93799
775	790	4.93952
780	790	4.93624
785	790	4.9403
790	790	4.9365
795	790	4.93828
800	790	4.93881
805	790	4.9363
810	790	4.93776
815	790	4.93686
820	790	4.93608
825	790	4.93564
830	790	4.93427
835	790	4.93702
840	790	4.935
845	790	4.93768
850	790	4.93516
855	790	4.93505
860	790	4.93933
865	790	4.9364

EM wavele nm	EX wavele nm	R1 MicroAmps
870	790	4.93647
875	790	4.93642
880	790	4.93743
885	790	4.9377
890	790	4.93304
895	790	4.93906
900	790	4.93604
905	790	4.93721
910	790	4.93613
915	790	4.93564
920	790	4.93947
925	790	4.93639
930	790	4.93635
935	790	4.94006
940	790	4.93854
945	790	4.93975
950	790	4.93792
955	790	4.93843
960	790	4.93952
965	790	4.93878
970	790	4.93991
975	790	4.93691
980	790	4.93639
985	790	4.93835
990	790	4.93831
995	790	4.93637
1000	790	4.93659
1005	790	4.9381
1010	790	4.93654
1015	790	4.93433
1020	790	4.93778
1025	790	4.93401
1030	790	4.93709
1035	790	4.93699
1040	790	4.93583
1045	790	4.9362
1050	790	4.93684
1055	790	4.93733
1060	790	4.93633
1065	790	4.9339
1070	790	4.93734
1075	790	4.9359
1080	790	4.93425
1085	790	4.93298
1090	790	4.934
1095	790	4.93458
1100	790	4.93647
1105	790	4.93936
1110	790	4.93883
1115	790	4.93319
1120	790	4.93924
1125	790	4.93794
1130	790	4.94028
1135	790	4.93867
1140	790	4.94072
1145	790	4.93673
1150	790	4.9391
0	795	4.53558
5	795	4.53756
10	795	4.53863
15	795	4.53857
20	795	4.53773
25	795	4.53795
30	795	4.53795

EM wavele nm	EX wavele nm	R1 MicroAmps
35	795	4.53931
40	795	4.54026
45	795	4.53683
50	795	4.53921
55	795	4.53905
60	795	4.53506
65	795	4.53817
70	795	4.53643
75	795	4.53418
80	795	4.53634
85	795	4.53654
90	795	4.53503
95	795	4.53813
100	795	4.53467
105	795	4.53781
110	795	4.53435
115	795	4.53411
120	795	4.53982
125	795	4.53219
130	795	4.53541
135	795	4.53733
140	795	4.53214
145	795	4.53666
150	795	4.53584
155	795	4.53712
160	795	4.53694
165	795	4.53683
170	795	4.53822
175	795	4.53675
180	795	4.53504
185	795	4.53834
190	795	4.53586
195	795	4.53556
200	795	4.53815
205	795	4.5367
210	795	4.537
215	795	4.53823
220	795	4.53665
225	795	4.53831
230	795	4.53684
235	795	4.53518
240	795	4.5392
245	795	4.53568
250	795	4.53689
255	795	4.53627
260	795	4.53436
265	795	4.53932
270	795	4.53683
275	795	4.53593
280	795	4.53836
285	795	4.53918
290	795	4.53555
295	795	4.54062
300	795	4.53597
305	795	4.53762
310	795	4.53486
315	795	4.5363
320	795	4.53904
325	795	4.53373
330	795	4.53777
335	795	4.53552
340	795	4.53572
345	795	4.53878
350	795	4.53857

EM wavele nm	EX wavele nm	R1 MicroAmps
355	795	4.53889
360	795	4.54316
365	795	4.53987
370	795	4.53955
375	795	4.54045
380	795	4.53785
385	795	4.54092
390	795	4.53817
395	795	4.53862
400	795	4.54049
405	795	4.53787
410	795	4.53768
415	795	4.53714
420	795	4.53479
425	795	4.53757
430	795	4.53419
435	795	4.53193
440	795	4.5374
445	795	4.53468
450	795	4.53608
455	795	4.53867
460	795	4.53921
465	795	4.53614
470	795	4.53684
475	795	4.53853
480	795	4.53863
485	795	4.53596
490	795	4.53903
495	795	4.53941
500	795	4.53962
505	795	4.53817
510	795	4.54083
515	795	4.53766
520	795	4.53837
525	795	4.54027
530	795	4.53701
535	795	4.53721
540	795	4.53432
545	795	4.53481
550	795	4.53579
555	795	4.53005
560	795	4.5359
565	795	4.53371
570	795	4.53329
575	795	4.53234
580	795	4.53605
585	795	4.53509
590	795	4.53637
595	795	4.53726
600	795	4.53589
605	795	4.53723
610	795	4.53576
615	795	4.53788
620	795	4.53699
625	795	4.53551
630	795	4.53753
635	795	4.53757
640	795	4.53893
645	795	4.53617
650	795	4.5404
655	795	4.53983
660	795	4.53574
665	795	4.53931
670	795	4.53747

EM wavele nm	EX wavele nm	R1 MicroAmps
675	795	4.53995
680	795	4.53444
685	795	4.53868
690	795	4.53612
695	795	4.53555
700	795	4.53491
705	795	4.5374
710	795	4.53633
715	795	4.5344
720	795	4.5395
725	795	4.53656
730	795	4.53625
735	795	4.539
740	795	4.53643
745	795	4.53737
750	795	4.53705
755	795	4.54126
760	795	4.539
765	795	4.54116
770	795	4.53653
775	795	4.53773
780	795	4.54012
785	795	4.53767
790	795	4.5381
795	795	4.53324
800	795	4.53471
805	795	4.53501
810	795	4.53685
815	795	4.53519
820	795	4.53511
825	795	4.53883
830	795	4.53486
835	795	4.53631
840	795	4.53962
845	795	4.53738
850	795	4.53848
855	795	4.53727
860	795	4.54028
865	795	4.5397
870	795	4.53504
875	795	4.5394
880	795	4.53546
885	795	4.53796
890	795	4.53912
895	795	4.53719
900	795	4.53905
905	795	4.53921
910	795	4.53956
915	795	4.53905
920	795	4.54011
925	795	4.53948
930	795	4.53837
935	795	4.53853
940	795	4.53966
945	795	4.53397
950	795	4.53235
955	795	4.53742
960	795	4.5353
965	795	4.53843
970	795	4.53794
975	795	4.53931
980	795	4.53962
985	795	4.53829
990	795	4.53938

EM wavele nm	EX wavele nm	R1 MicroAmps
995	795	4.53942
1000	795	4.54067
1005	795	4.54233
1010	795	4.54016
1015	795	4.5405
1020	795	4.54026
1025	795	4.53832
1030	795	4.53797
1035	795	4.53949
1040	795	4.53973
1045	795	4.53791
1050	795	4.53781
1055	795	4.54023
1060	795	4.53769
1065	795	4.53777
1070	795	4.53951
1075	795	4.53782
1080	795	4.5388
1085	795	4.54125
1090	795	4.53991
1095	795	4.53902
1100	795	4.53971
1105	795	4.54073
1110	795	4.54151
1115	795	4.5382
1120	795	4.53877
1125	795	4.54082
1130	795	4.53905
1135	795	4.54124
1140	795	4.54174
1145	795	4.53883
1150	795	4.53878
0	800	4.47952
5	800	4.47963
10	800	4.47867
15	800	4.48069
20	800	4.48278
25	800	4.48113
30	800	4.48089
35	800	4.48067
40	800	4.47979
45	800	4.47841
50	800	4.47778
55	800	4.48001
60	800	4.47576
65	800	4.47921
70	800	4.47968
75	800	4.47824
80	800	4.47876
85	800	4.47886
90	800	4.47871
95	800	4.47932
100	800	4.47667
105	800	4.47692
110	800	4.47756
115	800	4.47949
120	800	4.48068
125	800	4.4791
130	800	4.48049
135	800	4.4814
140	800	4.48126
145	800	4.47829
150	800	4.48031
155	800	4.47675

EM wavele nm	EX wavele nm	R1 MicroAmps
160	800	4.47797
165	800	4.47785
170	800	4.47831
175	800	4.47781
180	800	4.47862
185	800	4.47883
190	800	4.47916
195	800	4.4793
200	800	4.48005
205	800	4.48028
210	800	4.47876
215	800	4.47991
220	800	4.47998
225	800	4.47892
230	800	4.47886
235	800	4.47915
240	800	4.47779
245	800	4.47646
250	800	4.47838
255	800	4.4772
260	800	4.47668
265	800	4.47856
270	800	4.47876
275	800	4.47572
280	800	4.47662
285	800	4.47773
290	800	4.47514
295	800	4.47749
300	800	4.48026
305	800	4.47513
310	800	4.47817
315	800	4.48015
320	800	4.47686
325	800	4.48043
330	800	4.47492
335	800	4.48123
340	800	4.47772
345	800	4.47883
350	800	4.48009
355	800	4.48105
360	800	4.47897
365	800	4.4803
370	800	4.48219
375	800	4.48086
380	800	4.48355
385	800	4.47925
390	800	4.48049
395	800	4.47746
400	800	4.47845
405	800	4.47874
410	800	4.47807
415	800	4.47979
420	800	4.48085
425	800	4.47955
430	800	4.47847
435	800	4.48037
440	800	4.47929
445	800	4.47968
450	800	4.47804
455	800	4.47797
460	800	4.47922
465	800	4.47678
470	800	4.47777
475	800	4.48443

EM wavele nm	EX wavele nm	R1 MicroAmps
480	800	4.48824
485	800	4.48877
490	800	4.48621
495	800	4.48596
500	800	4.48401
505	800	4.48362
510	800	4.48573
515	800	4.48176
520	800	4.48196
525	800	4.48322
530	800	4.48296
535	800	4.48198
540	800	4.48294
545	800	4.48238
550	800	4.48207
555	800	4.47949
560	800	4.48096
565	800	4.47982
570	800	4.47949
575	800	4.47916
580	800	4.48099
585	800	4.47808
590	800	4.47783
595	800	4.47885
600	800	4.47683
605	800	4.47752
610	800	4.47777
615	800	4.48015
620	800	4.47649
625	800	4.47853
630	800	4.48143
635	800	4.47756
640	800	4.47996
645	800	4.47889
650	800	4.47759
655	800	4.47981
660	800	4.4792
665	800	4.48362
670	800	4.47909
675	800	4.48062
680	800	4.47953
685	800	4.47908
690	800	4.47877
695	800	4.4802
700	800	4.47827
705	800	4.47929
710	800	4.47525
715	800	4.47543
720	800	4.47705
725	800	4.47769
730	800	4.47801
735	800	4.47953
740	800	4.47852
745	800	4.47927
750	800	4.47706
755	800	4.47884
760	800	4.48054
765	800	4.47766
770	800	4.47982
775	800	4.47567
780	800	4.47875
785	800	4.47745
790	800	4.47939
795	800	4.47787

EM wavele nm	EX wavele nm	R1 MicroAmps
800	800	4.47719
805	800	4.47811
810	800	4.47924
815	800	4.47914
820	800	4.47828
825	800	4.4778
830	800	4.47883
835	800	4.47962
840	800	4.47636
845	800	4.47923
850	800	4.47964
855	800	4.47796
860	800	4.4791
865	800	4.4779
870	800	4.47729
875	800	4.47597
880	800	4.47953
885	800	4.47439
890	800	4.47882
895	800	4.47787
900	800	4.47855
905	800	4.47882
910	800	4.47721
915	800	4.48153
920	800	4.47935
925	800	4.48751
930	800	4.48687
935	800	4.48317
940	800	4.48451
945	800	4.48144
950	800	4.48213
955	800	4.48139
960	800	4.48312
965	800	4.48108
970	800	4.47919
975	800	4.48006
980	800	4.48009
985	800	4.47693
990	800	4.48191
995	800	4.47978
1000	800	4.48445
1005	800	4.48062
1010	800	4.48038
1015	800	4.48195
1020	800	4.48082
1025	800	4.47979
1030	800	4.48068
1035	800	4.47909
1040	800	4.48098
1045	800	4.48014
1050	800	4.48129
1055	800	4.48121
1060	800	4.4803
1065	800	4.48007
1070	800	4.47848
1075	800	4.47953
1080	800	4.47951
1085	800	4.4772
1090	800	4.48219
1095	800	4.47788
1100	800	4.48046
1105	800	4.48048
1110	800	4.48146
1115	800	4.48021

EM wavele nm	EX wavele nm	R1 MicroAmps
1120	800	4.48022
1125	800	4.47899
1130	800	4.48205
1135	800	4.47715
1140	800	4.47787
1145	800	4.47911
1150	800	4.48086
0	805	4.04427
5	805	4.04577
10	805	4.04436
15	805	4.04594
20	805	4.04604
25	805	4.04972
30	805	4.04669
35	805	4.0456
40	805	4.04723
45	805	4.04689
50	805	4.04579
55	805	4.0452
60	805	4.04519
65	805	4.04682
70	805	4.04687
75	805	4.04645
80	805	4.04731
85	805	4.04614
90	805	4.04896
95	805	4.04881
100	805	4.04873
105	805	4.04618
110	805	4.04892
115	805	4.04725
120	805	4.04643
125	805	4.04812
130	805	4.04718
135	805	4.04604
140	805	4.044
145	805	4.04599
150	805	4.04493
155	805	4.044
160	805	4.04691
165	805	4.04458
170	805	4.04578
175	805	4.0474
180	805	4.04727
185	805	4.04538
190	805	4.04838
195	805	4.04818
200	805	4.04644
205	805	4.04827
210	805	4.04728
215	805	4.04648
220	805	4.0466
225	805	4.0475
230	805	4.04762
235	805	4.04786
240	805	4.04693
245	805	4.05052
250	805	4.04693
255	805	4.04654
260	805	4.04827
265	805	4.0465
270	805	4.0461
275	805	4.0483
280	805	4.04474

EM wavele nm	EX wavele nm	R1 MicroAmps
285	805	4.04433
290	805	4.04677
295	805	4.04625
300	805	4.04726
305	805	4.04616
310	805	4.04822
315	805	4.04767
320	805	4.04447
325	805	4.04664
330	805	4.04689
335	805	4.04723
340	805	4.04565
345	805	4.04741
350	805	4.04787
355	805	4.04647
360	805	4.04685
365	805	4.04699
370	805	4.0463
375	805	4.04741
380	805	4.0472
385	805	4.04783
390	805	4.04769
395	805	4.04823
400	805	4.04984
405	805	4.04774
410	805	4.04824
415	805	4.049
420	805	4.04847
425	805	4.04771
430	805	4.0511
435	805	4.04917
440	805	4.04915
445	805	4.04947
450	805	4.04629
455	805	4.0497
460	805	4.04821
465	805	4.04934
470	805	4.04958
475	805	4.04626
480	805	4.04977
485	805	4.0494
490	805	4.04644
495	805	4.04804
500	805	4.04901
505	805	4.04585
510	805	4.04826
515	805	4.04571
520	805	4.04822
525	805	4.04684
530	805	4.0455
535	805	4.05089
540	805	4.04658
545	805	4.04628
550	805	4.04994
555	805	4.04861
560	805	4.04774
565	805	4.04963
570	805	4.04825
575	805	4.05241
580	805	4.04696
585	805	4.0486
590	805	4.0507
595	805	4.04875
600	805	4.04755

EM wavele nm	EX wavele nm	R1 MicroAmps
605	805	4.04869
610	805	4.04522
615	805	4.04622
620	805	4.04727
625	805	4.04937
630	805	4.04757
635	805	4.04621
640	805	4.04877
645	805	4.04714
650	805	4.04811
655	805	4.04855
660	805	4.04771
665	805	4.04944
670	805	4.0458
675	805	4.04811
680	805	4.04921
685	805	4.04899
690	805	4.04629
695	805	4.04902
700	805	4.04807
705	805	4.04912
710	805	4.04853
715	805	4.04757
720	805	4.05192
725	805	4.04924
730	805	4.04937
735	805	4.04795
740	805	4.04887
745	805	4.04847
750	805	4.0468
755	805	4.04896
760	805	4.0486
765	805	4.04923
770	805	4.04722
775	805	4.04733
780	805	4.04998
785	805	4.04729
790	805	4.04668
795	805	4.0476
800	805	4.04774
805	805	4.04653
810	805	4.04534
815	805	4.04814
820	805	4.0483
825	805	4.04691
830	805	4.0498
835	805	4.04784
840	805	4.05026
845	805	4.04959
850	805	4.04762
855	805	4.04943
860	805	4.04867
865	805	4.04808
870	805	4.04738
875	805	4.04853
880	805	4.04867
885	805	4.04646
890	805	4.04804
895	805	4.04698
900	805	4.04712
905	805	4.0469
910	805	4.0466
915	805	4.04713
920	805	4.04831

EM wavele nm	EX wavele nm	R1 MicroAmps
925	805	4.04617
930	805	4.04574
935	805	4.04746
940	805	4.0478
945	805	4.04619
950	805	4.04606
955	805	4.04825
960	805	4.04872
965	805	4.04838
970	805	4.04642
975	805	4.04815
980	805	4.0471
985	805	4.04626
990	805	4.04718
995	805	4.04598
1000	805	4.04955
1005	805	4.04858
1010	805	4.04682
1015	805	4.04927
1020	805	4.04884
1025	805	4.04644
1030	805	4.04688
1035	805	4.04802
1040	805	4.04874
1045	805	4.04506
1050	805	4.04829
1055	805	4.04737
1060	805	4.04767
1065	805	4.04999
1070	805	4.04676
1075	805	4.04913
1080	805	4.0482
1085	805	4.04716
1090	805	4.04866
1095	805	4.04396
1100	805	4.04826
1105	805	4.04718
1110	805	4.04797
1115	805	4.04703
1120	805	4.04715
1125	805	4.04623
1130	805	4.04619
1135	805	4.04847
1140	805	4.04825
1145	805	4.04614
1150	805	4.04543
0	810	4.15113
5	810	4.15747
10	810	4.15394
15	810	4.15268
20	810	4.15581
25	810	4.15415
30	810	4.1534
35	810	4.15578
40	810	4.1537
45	810	4.15623
50	810	4.15464
55	810	4.1526
60	810	4.15593
65	810	4.15228
70	810	4.15478
75	810	4.15327
80	810	4.15307
85	810	4.15466

EM wavele nm	EX wavele nm	R1 MicroAmps
90	810	4.15516
95	810	4.15269
100	810	4.15317
105	810	4.15251
110	810	4.15231
115	810	4.15423
120	810	4.15355
125	810	4.15567
130	810	4.15412
135	810	4.15235
140	810	4.15686
145	810	4.15068
150	810	4.15325
155	810	4.15535
160	810	4.15182
165	810	4.15285
170	810	4.15364
175	810	4.15147
180	810	4.15263
185	810	4.15289
190	810	4.15315
195	810	4.15411
200	810	4.15229
205	810	4.15616
210	810	4.15329
215	810	4.15126
220	810	4.15442
225	810	4.15217
230	810	4.15313
235	810	4.15289
240	810	4.15031
245	810	4.15201
250	810	4.15295
255	810	4.15444
260	810	4.15314
265	810	4.1543
270	810	4.15428
275	810	4.15508
280	810	4.15416
285	810	4.15455
290	810	4.15529
295	810	4.15392
300	810	4.15402
305	810	4.1545
310	810	4.15451
315	810	4.15465
320	810	4.15462
325	810	4.15556
330	810	4.15488
335	810	4.15536
340	810	4.15609
345	810	4.15281
350	810	4.1533
355	810	4.15635
360	810	4.15309
365	810	4.15327
370	810	4.15374
375	810	4.15281
380	810	4.15348
385	810	4.154
390	810	4.15549
395	810	4.15446
400	810	4.1541
405	810	4.15356

EM wavele nm	EX wavele nm	R1 MicroAmps
410	810	4.15276
415	810	4.15095
420	810	4.15239
425	810	4.15345
430	810	4.15231
435	810	4.15201
440	810	4.15043
445	810	4.15174
450	810	4.15241
455	810	4.15287
460	810	4.15321
465	810	4.15173
470	810	4.1551
475	810	4.15463
480	810	4.15258
485	810	4.15395
490	810	4.15485
495	810	4.15288
500	810	4.15374
505	810	4.15302
510	810	4.15079
515	810	4.15338
520	810	4.15104
525	810	4.15367
530	810	4.15182
535	810	4.15291
540	810	4.15623
545	810	4.15278
550	810	4.15454
555	810	4.15182
560	810	4.15244
565	810	4.15217
570	810	4.15243
575	810	4.15428
580	810	4.15342
585	810	4.15437
590	810	4.15612
595	810	4.1551
600	810	4.15553
605	810	4.15655
610	810	4.15522
615	810	4.15549
620	810	4.15514
625	810	4.15415
630	810	4.15583
635	810	4.15256
640	810	4.15364
645	810	4.15559
650	810	4.14958
655	810	4.15362
660	810	4.15267
665	810	4.15263
670	810	4.15443
675	810	4.15255
680	810	4.15332
685	810	4.15209
690	810	4.15159
695	810	4.15361
700	810	4.15275
705	810	4.15143
710	810	4.15374
715	810	4.15325
720	810	4.15307
725	810	4.15512

EM wavele nm	EX wavele nm	R1 MicroAmps
730	810	4.15376
735	810	4.15318
740	810	4.15066
745	810	4.15335
750	810	4.15491
755	810	4.1521
760	810	4.15571
765	810	4.15268
770	810	4.15488
775	810	4.15467
780	810	4.15369
785	810	4.15448
790	810	4.15508
795	810	4.15455
800	810	4.15545
805	810	4.15498
810	810	4.15688
815	810	4.15288
820	810	4.15273
825	810	4.15284
830	810	4.15309
835	810	4.15393
840	810	4.15347
845	810	4.15679
850	810	4.15745
855	810	4.15556
860	810	4.15796
865	810	4.15702
870	810	4.15716
875	810	4.15692
880	810	4.1578
885	810	4.15854
890	810	4.15241
895	810	4.15563
900	810	4.15564
905	810	4.15512
910	810	4.15545
915	810	4.15427
920	810	4.15397
925	810	4.15543
930	810	4.15146
935	810	4.15358
940	810	4.15295
945	810	4.15473
950	810	4.1528
955	810	4.15321
960	810	4.15524
965	810	4.15495
970	810	4.15787
975	810	4.15443
980	810	4.15588
985	810	4.15516
990	810	4.15639
995	810	4.15461
1000	810	4.15519
1005	810	4.15454
1010	810	4.15625
1015	810	4.15427
1020	810	4.15497
1025	810	4.15417
1030	810	4.15574
1035	810	4.15366
1040	810	4.15482
1045	810	4.15378

EM wavele nm	EX wavele nm	R1 MicroAmps
1050	810	4.15303
1055	810	4.15599
1060	810	4.15116
1065	810	4.15111
1070	810	4.15353
1075	810	4.15048
1080	810	4.15685
1085	810	4.14993
1090	810	4.15259
1095	810	4.15539
1100	810	4.15464
1105	810	4.15478
1110	810	4.157
1115	810	4.1521
1120	810	4.15502
1125	810	4.15559
1130	810	4.15233
1135	810	4.15487
1140	810	4.15323
1145	810	4.15265
1150	810	4.15688
0	815	4.52355
5	815	4.52659
10	815	4.52531
15	815	4.52976
20	815	4.52982
25	815	4.52891
30	815	4.52894
35	815	4.52918
40	815	4.52816
45	815	4.52518
50	815	4.52625
55	815	4.526
60	815	4.52833
65	815	4.52694
70	815	4.5279
75	815	4.5264
80	815	4.52782
85	815	4.52757
90	815	4.5243
95	815	4.5258
100	815	4.52572
105	815	4.52354
110	815	4.52291
115	815	4.52593
120	815	4.52463
125	815	4.52634
130	815	4.52686
135	815	4.52751
140	815	4.52634
145	815	4.52465
150	815	4.52559
155	815	4.52589
160	815	4.52139
165	815	4.5226
170	815	4.52392
175	815	4.52278
180	815	4.52396
185	815	4.52459
190	815	4.52645
195	815	4.52323
200	815	4.52668
205	815	4.52412
210	815	4.52371

EM wavele nm	EX wavele nm	R1 MicroAmps
215	815	4.52875
220	815	4.52208
225	815	4.52523
230	815	4.52484
235	815	4.52449
240	815	4.52373
245	815	4.52308
250	815	4.52637
255	815	4.52637
260	815	4.52554
265	815	4.52775
270	815	4.52796
275	815	4.52317
280	815	4.52925
285	815	4.52498
290	815	4.52608
295	815	4.52866
300	815	4.52623
305	815	4.52915
310	815	4.52599
315	815	4.52665
320	815	4.52692
325	815	4.52523
330	815	4.52329
335	815	4.52566
340	815	4.52382
345	815	4.52394
350	815	4.52651
355	815	4.52384
360	815	4.52342
365	815	4.52421
370	815	4.52353
375	815	4.52553
380	815	4.52475
385	815	4.52598
390	815	4.52936
395	815	4.53011
400	815	4.53296
405	815	4.52903
410	815	4.52865
415	815	4.52998
420	815	4.52806
425	815	4.52886
430	815	4.52872
435	815	4.52799
440	815	4.52874
445	815	4.52777
450	815	4.52821
455	815	4.5281
460	815	4.52855
465	815	4.5297
470	815	4.52761
475	815	4.52676
480	815	4.52764
485	815	4.52632
490	815	4.52619
495	815	4.5253
500	815	4.52498
505	815	4.52463
510	815	4.52346
515	815	4.52909
520	815	4.52628
525	815	4.52416
530	815	4.52861

EM wavele nm	EX wavele nm	R1 MicroAmps
535	815	4.52835
540	815	4.52676
545	815	4.52749
550	815	4.52596
555	815	4.52819
560	815	4.52345
565	815	4.52365
570	815	4.52722
575	815	4.52532
580	815	4.52673
585	815	4.52918
590	815	4.52483
595	815	4.5284
600	815	4.52883
605	815	4.52897
610	815	4.52893
615	815	4.52836
620	815	4.52746
625	815	4.52619
630	815	4.52387
635	815	4.528
640	815	4.52543
645	815	4.52453
650	815	4.52628
655	815	4.52425
660	815	4.52387
665	815	4.52647
670	815	4.52588
675	815	4.52872
680	815	4.52583
685	815	4.52664
690	815	4.52799
695	815	4.52934
700	815	4.52716
705	815	4.52695
710	815	4.52874
715	815	4.52715
720	815	4.5251
725	815	4.5287
730	815	4.52563
735	815	4.52499
740	815	4.52738
745	815	4.52486
750	815	4.52822
755	815	4.52539
760	815	4.52543
765	815	4.5286
770	815	4.52549
775	815	4.52649
780	815	4.52793
785	815	4.52636
790	815	4.52847
795	815	4.52312
800	815	4.52723
805	815	4.52438
810	815	4.524
815	815	4.52377
820	815	4.52592
825	815	4.52777
830	815	4.52736
835	815	4.52637
840	815	4.52809
845	815	4.52425
850	815	4.52695

EM wavele nm	EX wavele nm	R1 MicroAmps
855	815	4.52439
860	815	4.5278
865	815	4.52797
870	815	4.52627
875	815	4.52849
880	815	4.52548
885	815	4.52568
890	815	4.52621
895	815	4.5243
900	815	4.53112
905	815	4.52782
910	815	4.52961
915	815	4.52949
920	815	4.52641
925	815	4.52862
930	815	4.52665
935	815	4.52739
940	815	4.53115
945	815	4.52725
950	815	4.52791
955	815	4.52696
960	815	4.52869
965	815	4.53091
970	815	4.52515
975	815	4.52694
980	815	4.52518
985	815	4.5296
990	815	4.52478
995	815	4.52695
1000	815	4.53006
1005	815	4.52521
1010	815	4.52704
1015	815	4.52345
1020	815	4.52548
1025	815	4.52532
1030	815	4.52474
1035	815	4.5257
1040	815	4.52569
1045	815	4.52624
1050	815	4.52822
1055	815	4.52527
1060	815	4.52611
1065	815	4.52554
1070	815	4.52642
1075	815	4.52633
1080	815	4.52336
1085	815	4.52601
1090	815	4.52662
1095	815	4.52596
1100	815	4.5279
1105	815	4.52564
1110	815	4.5255
1115	815	4.5276
1120	815	4.52519
1125	815	4.53067
1130	815	4.52171
1135	815	4.52547
1140	815	4.52856
1145	815	4.52527
1150	815	4.52555
0	820	19.05689
5	820	19.06415
10	820	19.06171
15	820	19.06027

EM wavele nm	EX wavele nm	R1 MicroAmps
20	820	19.07095
25	820	19.05683
30	820	19.06784
35	820	19.04966
40	820	19.06301
45	820	19.05719
50	820	19.06363
55	820	19.06167
60	820	19.05908
65	820	19.06052
70	820	19.05088
75	820	19.07411
80	820	19.06157
85	820	19.06743
90	820	19.0611
95	820	19.05818
100	820	19.05895
105	820	19.0502
110	820	19.05176
115	820	19.05863
120	820	19.06042
125	820	19.06197
130	820	19.05813
135	820	19.04908
140	820	19.06141
145	820	19.06026
150	820	19.06049
155	820	19.05313
160	820	19.06803
165	820	19.04969
170	820	19.06428
175	820	19.06011
180	820	19.06136
185	820	19.05461
190	820	19.06038
195	820	19.06432
200	820	19.06232
205	820	19.06058
210	820	19.0635
215	820	19.06732
220	820	19.058
225	820	19.0667
230	820	19.05534
235	820	19.05804
240	820	19.05721
245	820	19.06234
250	820	19.05421
255	820	19.06423
260	820	19.05838
265	820	19.06478
270	820	19.06665
275	820	19.06093
280	820	19.06806
285	820	19.08765
290	820	19.09015
295	820	19.07751
300	820	19.07851
305	820	19.07034
310	820	19.06699
315	820	19.06654
320	820	19.05824
325	820	19.07533
330	820	19.07288
335	820	19.07036

EM wavele nm	EX wavele nm	R1 MicroAmps
340	820	19.06936
345	820	19.0675
350	820	19.06531
355	820	19.07062
360	820	19.06436
365	820	19.07044
370	820	19.06469
375	820	19.06265
380	820	19.07312
385	820	19.06787
390	820	19.0638
395	820	19.07084
400	820	19.06641
405	820	19.06395
410	820	19.06594
415	820	19.05582
420	820	19.06377
425	820	19.06554
430	820	19.06406
435	820	19.07125
440	820	19.06995
445	820	19.07027
450	820	19.07329
455	820	19.06316
460	820	19.06089
465	820	19.06602
470	820	19.05364
475	820	19.05233
480	820	19.06466
485	820	19.0475
490	820	19.06209
495	820	19.05437
500	820	19.05602
505	820	19.06285
510	820	19.05531
515	820	19.06138
520	820	19.06104
525	820	19.06069
530	820	19.0647
535	820	19.06509
540	820	19.06706
545	820	19.05772
550	820	19.05389
555	820	19.057
560	820	19.0518
565	820	19.05926
570	820	19.05063
575	820	19.05723
580	820	19.05423
585	820	19.0568
590	820	19.0643
595	820	19.06012
600	820	19.06165
605	820	19.06159
610	820	19.06656
615	820	19.05963
620	820	19.06269
625	820	19.05389
630	820	19.05174
635	820	19.06328
640	820	19.05147
645	820	19.05338
650	820	19.05686
655	820	19.04308

EM wavele nm	EX wavele nm	R1 MicroAmps
660	820	19.06142
665	820	19.05059
670	820	19.06614
675	820	19.06166
680	820	19.05454
685	820	19.0607
690	820	19.06088
695	820	19.07514
700	820	19.06311
705	820	19.06595
710	820	19.07153
715	820	19.05907
720	820	19.07067
725	820	19.06533
730	820	19.0578
735	820	19.06548
740	820	19.06163
745	820	19.06398
750	820	19.06195
755	820	19.057
760	820	19.06274
765	820	19.05371
770	820	19.06071
775	820	19.05577
780	820	19.05648
785	820	19.06354
790	820	19.0499
795	820	19.0593
800	820	19.06254
805	820	19.05522
810	820	19.05676
815	820	19.06038
820	820	19.06577
825	820	19.05997
830	820	19.06759
835	820	19.06823
840	820	19.05179
845	820	19.06757
850	820	19.05752
855	820	19.05835
860	820	19.07076
865	820	19.05808
870	820	19.06764
875	820	19.06559
880	820	19.05998
885	820	19.0608
890	820	19.05658
895	820	19.06454
900	820	19.05485
905	820	19.06364
910	820	19.06064
915	820	19.0572
920	820	19.06193
925	820	19.06346
930	820	19.06186
935	820	19.0692
940	820	19.05621
945	820	19.05929
950	820	19.06338
955	820	19.06015
960	820	19.06462
965	820	19.05969
970	820	19.06931
975	820	19.05876

EM wavele nm	EX wavele nm	R1 MicroAmps
980	820	19.05739
985	820	19.06415
990	820	19.05261
995	820	19.06064
1000	820	19.05836
1005	820	19.05875
1010	820	19.06115
1015	820	19.06142
1020	820	19.0559
1025	820	19.05908
1030	820	19.05504
1035	820	19.06592
1040	820	19.05489
1045	820	19.05682
1050	820	19.06088
1055	820	19.06532
1060	820	19.05999
1065	820	19.05571
1070	820	19.06506
1075	820	19.06366
1080	820	19.06458
1085	820	19.06414
1090	820	19.05961
1095	820	19.05184
1100	820	19.05263
1105	820	19.06276
1110	820	19.05896
1115	820	19.05411
1120	820	19.05842
1125	820	19.06058
1130	820	19.05566
1135	820	19.05503
1140	820	19.05792
1145	820	19.06078
1150	820	19.05783
0	825	27.97694
5	825	27.97122
10	825	27.98162
15	825	27.97161
20	825	27.98206
25	825	27.96981
30	825	27.96653
35	825	27.96624
40	825	27.96934
45	825	27.97682
50	825	27.96271
55	825	27.97226
60	825	27.97266
65	825	27.98141
70	825	27.96281
75	825	27.98693
80	825	27.98243
85	825	27.9825
90	825	27.9823
95	825	27.97418
100	825	27.97136
105	825	27.96481
110	825	27.97891
115	825	27.97424
120	825	27.97155
125	825	27.97502
130	825	27.98321
135	825	27.97418
140	825	27.97877

EM wavele nm	EX wavele nm	R1 MicroAmps
145	825	27.99202
150	825	27.96691
155	825	27.97992
160	825	27.97409
165	825	27.96441
170	825	27.96665
175	825	27.97109
180	825	27.97894
185	825	27.98309
190	825	27.98924
195	825	27.98388
200	825	27.98329
205	825	27.97933
210	825	27.9791
215	825	27.97562
220	825	27.98015
225	825	27.9835
230	825	27.97875
235	825	27.97388
240	825	27.99007
245	825	27.97683
250	825	27.96829
255	825	27.98436
260	825	27.95981
265	825	27.97481
270	825	27.97998
275	825	27.97195
280	825	27.96737
285	825	27.97311
290	825	27.97569
295	825	27.99185
300	825	27.98912
305	825	27.99915
310	825	28.00159
315	825	27.98587
320	825	27.98431
325	825	27.99811
330	825	27.97179
335	825	27.98867
340	825	27.99261
345	825	27.96048
350	825	27.98758
355	825	27.97855
360	825	27.97483
365	825	27.9837
370	825	27.97986
375	825	27.99579
380	825	27.97036
385	825	27.98911
390	825	27.9663
395	825	27.98286
400	825	27.96149
405	825	27.97752
410	825	27.98868
415	825	27.96683
420	825	27.98952
425	825	27.98866
430	825	27.98308
435	825	27.9838
440	825	27.99343
445	825	27.9906
450	825	27.97763
455	825	27.99256
460	825	27.97025

EM wavele nm	EX wavele nm	R1 MicroAmps
465	825	27.96849
470	825	27.97069
475	825	27.98883
480	825	27.98389
485	825	28.00126
490	825	27.99457
495	825	28.00313
500	825	27.98749
505	825	28.00166
510	825	27.99341
515	825	27.99477
520	825	27.99052
525	825	27.98688
530	825	27.97633
535	825	27.9672
540	825	27.98566
545	825	27.9594
550	825	27.99017
555	825	27.98609
560	825	27.99106
565	825	27.97271
570	825	27.98653
575	825	27.99574
580	825	27.96836
585	825	27.98998
590	825	27.98258
595	825	27.98094
600	825	27.98064
605	825	27.99013
610	825	27.98595
615	825	27.9737
620	825	27.97419
625	825	27.97903
630	825	27.98126
635	825	27.96581
640	825	27.99776
645	825	27.99075
650	825	27.97808
655	825	27.98288
660	825	27.98629
665	825	27.98709
670	825	27.97054
675	825	27.97977
680	825	27.96899
685	825	27.98742
690	825	27.97741
695	825	27.98382
700	825	27.98394
705	825	27.96173
710	825	27.98024
715	825	27.96862
720	825	27.96712
725	825	27.97629
730	825	27.98013
735	825	27.97999
740	825	27.98366
745	825	27.99352
750	825	27.99919
755	825	27.99793
760	825	28.00586
765	825	28.01897
770	825	28.01763
775	825	28.0121
780	825	28.00289

EM wavele nm	EX wavele nm	R1 MicroAmps
785	825	27.9937
790	825	28.00676
795	825	27.99864
800	825	27.99488
805	825	27.99424
810	825	27.99505
815	825	27.99575
820	825	27.98642
825	825	27.98433
830	825	28.00215
835	825	27.99264
840	825	27.99598
845	825	28.00173
850	825	27.99072
855	825	27.99421
860	825	27.98177
865	825	27.99413
870	825	27.98602
875	825	27.98415
880	825	27.98766
885	825	27.98749
890	825	27.99089
895	825	27.98532
900	825	27.97843
905	825	27.98202
910	825	27.97721
915	825	27.96389
920	825	27.97438
925	825	27.98965
930	825	27.98719
935	825	27.97925
940	825	27.97758
945	825	27.98891
950	825	27.97853
955	825	27.9807
960	825	27.98594
965	825	27.98042
970	825	27.99617
975	825	27.98329
980	825	27.97619
985	825	27.98478
990	825	27.98058
995	825	27.97295
1000	825	27.97748
1005	825	27.98509
1010	825	27.97236
1015	825	27.97697
1020	825	27.98238
1025	825	27.98698
1030	825	27.98913
1035	825	27.9843
1040	825	27.99715
1045	825	27.9939
1050	825	28.00488
1055	825	28.00648
1060	825	27.99087
1065	825	27.99236
1070	825	27.99038
1075	825	28.01101
1080	825	27.98098
1085	825	27.98113
1090	825	27.98044
1095	825	27.98052
1100	825	27.98425

EM wavele nm	EX wavele nm	R1 MicroAmps
1105	825	27.96919
1110	825	27.98456
1115	825	27.97952
1120	825	27.98939
1125	825	27.98984
1130	825	27.98661
1135	825	27.99065
1140	825	27.97769
1145	825	27.99196
1150	825	27.9848
0	830	12.18255
5	830	12.18923
10	830	12.18099
15	830	12.18056
20	830	12.17857
25	830	12.18103
30	830	12.18558
35	830	12.18125
40	830	12.17734
45	830	12.18051
50	830	12.18145
55	830	12.18145
60	830	12.18225
65	830	12.17606
70	830	12.18155
75	830	12.18165
80	830	12.18357
85	830	12.18353
90	830	12.17332
95	830	12.18521
100	830	12.18211
105	830	12.17952
110	830	12.18167
115	830	12.18265
120	830	12.1738
125	830	12.17888
130	830	12.18451
135	830	12.18008
140	830	12.18615
145	830	12.18339
150	830	12.19291
155	830	12.17742
160	830	12.18693
165	830	12.18314
170	830	12.18452
175	830	12.17943
180	830	12.18669
185	830	12.18245
190	830	12.17886
195	830	12.18197
200	830	12.18331
205	830	12.18583
210	830	12.17586
215	830	12.18202
220	830	12.18341
225	830	12.16943
230	830	12.17601
235	830	12.17294
240	830	12.16785
245	830	12.17199
250	830	12.1773
255	830	12.17482
260	830	12.18089
265	830	12.18254

EM wavele nm	EX wavele nm	R1 MicroAmps
270	830	12.18411
275	830	12.17725
280	830	12.18192
285	830	12.17815
290	830	12.18021
295	830	12.18041
300	830	12.18254
305	830	12.1742
310	830	12.17918
315	830	12.18331
320	830	12.16936
325	830	12.17635
330	830	12.17762
335	830	12.17883
340	830	12.17391
345	830	12.18212
350	830	12.17901
355	830	12.17689
360	830	12.17533
365	830	12.17759
370	830	12.18043
375	830	12.17226
380	830	12.18419
385	830	12.17385
390	830	12.18261
395	830	12.17404
400	830	12.18239
405	830	12.17706
410	830	12.17252
415	830	12.1785
420	830	12.17993
425	830	12.17926
430	830	12.17918
435	830	12.18258
440	830	12.17674
445	830	12.17837
450	830	12.17565
455	830	12.17518
460	830	12.17254
465	830	12.17957
470	830	12.17652
475	830	12.18081
480	830	12.17722
485	830	12.17851
490	830	12.17674
495	830	12.17008
500	830	12.1868
505	830	12.16522
510	830	12.17826
515	830	12.17266
520	830	12.17338
525	830	12.17224
530	830	12.17044
535	830	12.17321
540	830	12.17405
545	830	12.16896
550	830	12.17565
555	830	12.1844
560	830	12.17677
565	830	12.18595
570	830	12.18089
575	830	12.1771
580	830	12.17859
585	830	12.18011

EM wavele nm	EX wavele nm	R1 MicroAmps
590	830	12.17804
595	830	12.17621
600	830	12.18133
605	830	12.17934
610	830	12.17738
615	830	12.17515
620	830	12.1826
625	830	12.17193
630	830	12.17076
635	830	12.17943
640	830	12.17609
645	830	12.17312
650	830	12.17026
655	830	12.17969
660	830	12.17196
665	830	12.17202
670	830	12.17611
675	830	12.17538
680	830	12.17628
685	830	12.17183
690	830	12.17279
695	830	12.17776
700	830	12.17285
705	830	12.17499
710	830	12.1739
715	830	12.17551
720	830	12.17783
725	830	12.17015
730	830	12.16948
735	830	12.17079
740	830	12.17276
745	830	12.17469
750	830	12.16711
755	830	12.17423
760	830	12.18022
765	830	12.17562
770	830	12.18159
775	830	12.17792
780	830	12.18247
785	830	12.17668
790	830	12.17155
795	830	12.17229
800	830	12.16798
805	830	12.17547
810	830	12.16326
815	830	12.16457
820	830	12.17048
825	830	12.16645
830	830	12.17235
835	830	12.17187
840	830	12.17543
845	830	12.17418
850	830	12.17337
855	830	12.1751
860	830	12.1782
865	830	12.17536
870	830	12.171
875	830	12.16519
880	830	12.17581
885	830	12.17467
890	830	12.1686
895	830	12.17712
900	830	12.16836
905	830	12.16961

EM wavele nm	EX wavele nm	R1 MicroAmps
910	830	12.16798
915	830	12.16765
920	830	12.17237
925	830	12.17246
930	830	12.17204
935	830	12.17392
940	830	12.17635
945	830	12.17682
950	830	12.17689
955	830	12.17594
960	830	12.17741
965	830	12.17402
970	830	12.17534
975	830	12.16677
980	830	12.17048
985	830	12.17695
990	830	12.17355
995	830	12.17381
1000	830	12.1694
1005	830	12.17912
1010	830	12.1745
1015	830	12.1743
1020	830	12.17983
1025	830	12.17334
1030	830	12.17547
1035	830	12.17174
1040	830	12.17853
1045	830	12.17653
1050	830	12.18008
1055	830	12.18414
1060	830	12.1794
1065	830	12.17704
1070	830	12.179
1075	830	12.18067
1080	830	12.17669
1085	830	12.17263
1090	830	12.17462
1095	830	12.17362
1100	830	12.17396
1105	830	12.18062
1110	830	12.1727
1115	830	12.17725
1120	830	12.1838
1125	830	12.18564
1130	830	12.18489
1135	830	12.18586
1140	830	12.18321
1145	830	12.17855
1150	830	12.17861
0	835	10.02415
5	835	10.02497
10	835	10.01797
15	835	10.02433
20	835	10.02553
25	835	10.02889
30	835	10.01829
35	835	10.03206
40	835	10.0292
45	835	10.02798
50	835	10.02792
55	835	10.02853
60	835	10.02948
65	835	10.03067
70	835	10.03182

EM wavele nm	EX wavele nm	R1 MicroAmps
75	835	10.03044
80	835	10.02764
85	835	10.02517
90	835	10.02898
95	835	10.02805
100	835	10.03003
105	835	10.031
110	835	10.02261
115	835	10.02584
120	835	10.02991
125	835	10.0257
130	835	10.03002
135	835	10.03074
140	835	10.02904
145	835	10.02792
150	835	10.02827
155	835	10.03056
160	835	10.02977
165	835	10.02383
170	835	10.02639
175	835	10.02835
180	835	10.02262
185	835	10.02855
190	835	10.03126
195	835	10.02666
200	835	10.02621
205	835	10.02775
210	835	10.02484
215	835	10.02498
220	835	10.02888
225	835	10.02672
230	835	10.02495
235	835	10.02876
240	835	10.02728
245	835	10.02959
250	835	10.02839
255	835	10.03556
260	835	10.03166
265	835	10.02754
270	835	10.03156
275	835	10.02346
280	835	10.02184
285	835	10.02519
290	835	10.0214
295	835	10.02275
300	835	10.02537
305	835	10.02644
310	835	10.02857
315	835	10.02707
320	835	10.02984
325	835	10.02817
330	835	10.02972
335	835	10.02923
340	835	10.03183
345	835	10.02312
350	835	10.02906
355	835	10.02787
360	835	10.02446
365	835	10.03242
370	835	10.02863
375	835	10.02236
380	835	10.02743
385	835	10.02255
390	835	10.02501

EM wavele nm	EX wavele nm	R1 MicroAmps
395	835	10.02418
400	835	10.0247
405	835	10.02872
410	835	10.02527
415	835	10.02531
420	835	10.02998
425	835	10.01663
430	835	10.02319
435	835	10.02925
440	835	10.02106
445	835	10.03119
450	835	10.03015
455	835	10.03672
460	835	10.02735
465	835	10.02825
470	835	10.03005
475	835	10.02343
480	835	10.02605
485	835	10.02468
490	835	10.02914
495	835	10.02132
500	835	10.02345
505	835	10.0306
510	835	10.02717
515	835	10.02708
520	835	10.03142
525	835	10.03107
530	835	10.02509
535	835	10.02466
540	835	10.03036
545	835	10.02454
550	835	10.02607
555	835	10.02708
560	835	10.02612
565	835	10.02255
570	835	10.02453
575	835	10.02865
580	835	10.02436
585	835	10.02421
590	835	10.02563
595	835	10.02324
600	835	10.02368
605	835	10.0229
610	835	10.02587
615	835	10.02986
620	835	10.02463
625	835	10.03022
630	835	10.03292
635	835	10.02414
640	835	10.029
645	835	10.02989
650	835	10.0262
655	835	10.02123
660	835	10.02581
665	835	10.02031
670	835	10.02276
675	835	10.02276
680	835	10.02093
685	835	10.03027
690	835	10.01789
695	835	10.02522
700	835	10.02551
705	835	10.02294
710	835	10.0209

EM wavele nm	EX wavele nm	R1 MicroAmps
715	835	10.02263
720	835	10.02743
725	835	10.02305
730	835	10.02405
735	835	10.024
740	835	10.02624
745	835	10.02814
750	835	10.02997
755	835	10.02442
760	835	10.02479
765	835	10.02795
770	835	10.01981
775	835	10.02407
780	835	10.02239
785	835	10.02364
790	835	10.02796
795	835	10.02393
800	835	10.02758
805	835	10.02888
810	835	10.03052
815	835	10.02638
820	835	10.0252
825	835	10.02959
830	835	10.02907
835	835	10.02593
840	835	10.02673
845	835	10.02942
850	835	10.0246
855	835	10.02743
860	835	10.01984
865	835	10.02647
870	835	10.02867
875	835	10.02547
880	835	10.02364
885	835	10.02638
890	835	10.02582
895	835	10.02074
900	835	10.02468
905	835	10.02441
910	835	10.02469
915	835	10.02272
920	835	10.02265
925	835	10.019
930	835	10.02274
935	835	10.02499
940	835	10.02265
945	835	10.02146
950	835	10.02382
955	835	10.02309
960	835	10.02539
965	835	10.01849
970	835	10.02213
975	835	10.02567
980	835	10.02165
985	835	10.0207
990	835	10.02499
995	835	10.03118
1000	835	10.02772
1005	835	10.02736
1010	835	10.02721
1015	835	10.02752
1020	835	10.02757
1025	835	10.02997
1030	835	10.02949

EM wavele nm	EX wavele nm	R1 MicroAmps
1035	835	10.03305
1040	835	10.02939
1045	835	10.03523
1050	835	10.02258
1055	835	10.0234
1060	835	10.03121
1065	835	10.02259
1070	835	10.02958
1075	835	10.02947
1080	835	10.02998
1085	835	10.02587
1090	835	10.02528
1095	835	10.02832
1100	835	10.02198
1105	835	10.01979
1110	835	10.02524
1115	835	10.02763
1120	835	10.0327
1125	835	10.02788
1130	835	10.02849
1135	835	10.02511
1140	835	10.02478
1145	835	10.03165
1150	835	10.02499
0	840	5.89471
5	840	5.89761
10	840	5.89576
15	840	5.89873
20	840	5.89686
25	840	5.89557
30	840	5.89557
35	840	5.89973
40	840	5.89266
45	840	5.89532
50	840	5.89912
55	840	5.89151
60	840	5.89357
65	840	5.89418
70	840	5.89394
75	840	5.89329
80	840	5.8951
85	840	5.89476
90	840	5.89587
95	840	5.89537
100	840	5.89727
105	840	5.89528
110	840	5.8924
115	840	5.89514
120	840	5.89472
125	840	5.89227
130	840	5.89014
135	840	5.89418
140	840	5.88925
145	840	5.89294
150	840	5.89111
155	840	5.89419
160	840	5.88928
165	840	5.89499
170	840	5.8982
175	840	5.89297
180	840	5.8951
185	840	5.89577
190	840	5.89478
195	840	5.89004

EM wavele nm	EX wavele nm	R1 MicroAmps
200	840	5.89449
205	840	5.89369
210	840	5.89328
215	840	5.89302
220	840	5.89188
225	840	5.8973
230	840	5.89278
235	840	5.89836
240	840	5.89616
245	840	5.89384
250	840	5.8923
255	840	5.89625
260	840	5.89427
265	840	5.89576
270	840	5.8941
275	840	5.89177
280	840	5.89086
285	840	5.89197
290	840	5.89586
295	840	5.89342
300	840	5.89651
305	840	5.89143
310	840	5.89169
315	840	5.88904
320	840	5.89375
325	840	5.88982
330	840	5.89305
335	840	5.89514
340	840	5.89308
345	840	5.89002
350	840	5.89168
355	840	5.89754
360	840	5.89094
365	840	5.89826
370	840	5.89203
375	840	5.89499
380	840	5.8894
385	840	5.89454
390	840	5.89183
395	840	5.89345
400	840	5.89591
405	840	5.89466
410	840	5.89534
415	840	5.89686
420	840	5.89856
425	840	5.89778
430	840	5.89897
435	840	5.89775
440	840	5.9006
445	840	5.89663
450	840	5.89875
455	840	5.89632
460	840	5.89357
465	840	5.89499
470	840	5.89065
475	840	5.88711
480	840	5.89482
485	840	5.89258
490	840	5.89696
495	840	5.89595
500	840	5.89428
505	840	5.8964
510	840	5.89483
515	840	5.89356

EM wavele nm	EX wavele nm	R1 MicroAmps
520	840	5.89282
525	840	5.89429
530	840	5.8959
535	840	5.89876
540	840	5.89361
545	840	5.89504
550	840	5.89749
555	840	5.89599
560	840	5.89804
565	840	5.89554
570	840	5.89811
575	840	5.89728
580	840	5.89712
585	840	5.8979
590	840	5.89826
595	840	5.89729
600	840	5.89635
605	840	5.89627
610	840	5.89648
615	840	5.89649
620	840	5.89917
625	840	5.89749
630	840	5.89735
635	840	5.89408
640	840	5.89773
645	840	5.89728
650	840	5.89616
655	840	5.89579
660	840	5.89575
665	840	5.89548
670	840	5.89638
675	840	5.89929
680	840	5.89871
685	840	5.89623
690	840	5.89965
695	840	5.90053
700	840	5.89805
705	840	5.89952
710	840	5.89927
715	840	5.89996
720	840	5.89868
725	840	5.89779
730	840	5.90077
735	840	5.89765
740	840	5.89303
745	840	5.8952
750	840	5.89337
755	840	5.89509
760	840	5.89151
765	840	5.8976
770	840	5.89444
775	840	5.89641
780	840	5.89739
785	840	5.89858
790	840	5.8997
795	840	5.90023
800	840	5.8937
805	840	5.89789
810	840	5.89747
815	840	5.89715
820	840	5.89654
825	840	5.89801
830	840	5.90002
835	840	5.89704

EM wavele nm	EX wavele nm	R1 MicroAmps
840	840	5.899
845	840	5.89875
850	840	5.90057
855	840	5.89827
860	840	5.89763
865	840	5.89685
870	840	5.89883
875	840	5.89592
880	840	5.896
885	840	5.8966
890	840	5.89754
895	840	5.89599
900	840	5.893
905	840	5.90244
910	840	5.89816
915	840	5.89745
920	840	5.90014
925	840	5.89592
930	840	5.90033
935	840	5.8966
940	840	5.89692
945	840	5.89572
950	840	5.89799
955	840	5.89806
960	840	5.89326
965	840	5.89834
970	840	5.89521
975	840	5.89009
980	840	5.89854
985	840	5.89417
990	840	5.90082
995	840	5.89701
1000	840	5.89791
1005	840	5.89982
1010	840	5.89996
1015	840	5.89746
1020	840	5.89431
1025	840	5.89715
1030	840	5.89758
1035	840	5.89904
1040	840	5.89866
1045	840	5.90099
1050	840	5.89983
1055	840	5.89988
1060	840	5.89957
1065	840	5.89676
1070	840	5.89405
1075	840	5.89355
1080	840	5.89713
1085	840	5.89268
1090	840	5.89283
1095	840	5.89441
1100	840	5.89798
1105	840	5.89591
1110	840	5.89892
1115	840	5.8967
1120	840	5.89796
1125	840	5.89949
1130	840	5.89765
1135	840	5.89939
1140	840	5.89593
1145	840	5.89043
1150	840	5.89688
0	845	3.1074

EM wavele nm	EX wavele nm	R1 MicroAmps
5	845	3.10592
10	845	3.10469
15	845	3.10421
20	845	3.10681
25	845	3.10599
30	845	3.10572
35	845	3.10635
40	845	3.10486
45	845	3.10559
50	845	3.10611
55	845	3.1055
60	845	3.10411
65	845	3.10572
70	845	3.10644
75	845	3.1059
80	845	3.10623
85	845	3.10654
90	845	3.1072
95	845	3.10577
100	845	3.10598
105	845	3.10798
110	845	3.10609
115	845	3.1057
120	845	3.10666
125	845	3.10687
130	845	3.10599
135	845	3.10633
140	845	3.10666
145	845	3.10557
150	845	3.10588
155	845	3.10564
160	845	3.10457
165	845	3.10375
170	845	3.10572
175	845	3.10468
180	845	3.10299
185	845	3.10541
190	845	3.10637
195	845	3.1055
200	845	3.10569
205	845	3.10618
210	845	3.10576
215	845	3.10553
220	845	3.10654
225	845	3.10495
230	845	3.10526
235	845	3.10551
240	845	3.10539
245	845	3.10373
250	845	3.10453
255	845	3.10482
260	845	3.10455
265	845	3.10505
270	845	3.10418
275	845	3.10391
280	845	3.10222
285	845	3.10468
290	845	3.10389
295	845	3.10387
300	845	3.10347
305	845	3.10488
310	845	3.10365
315	845	3.10264
320	845	3.105

EM wavele nm	EX wavele nm	R1 MicroAmps
325	845	3.10387
330	845	3.10279
335	845	3.1028
340	845	3.10347
345	845	3.10432
350	845	3.10307
355	845	3.1049
360	845	3.10573
365	845	3.10435
370	845	3.10357
375	845	3.10479
380	845	3.10323
385	845	3.10474
390	845	3.10539
395	845	3.10423
400	845	3.10567
405	845	3.10491
410	845	3.10599
415	845	3.10407
420	845	3.10411
425	845	3.1052
430	845	3.10464
435	845	3.10387
440	845	3.10541
445	845	3.10586
450	845	3.10609
455	845	3.10659
460	845	3.10564
465	845	3.10727
470	845	3.10668
475	845	3.10581
480	845	3.10316
485	845	3.10558
490	845	3.10495
495	845	3.10453
500	845	3.10315
505	845	3.10553
510	845	3.10304
515	845	3.10305
520	845	3.10572
525	845	3.10187
530	845	3.10469
535	845	3.10584
540	845	3.10462
545	845	3.10401
550	845	3.10613
555	845	3.10691
560	845	3.10627
565	845	3.10417
570	845	3.1029
575	845	3.10491
580	845	3.10247
585	845	3.10425
590	845	3.10472
595	845	3.10364
600	845	3.10283
605	845	3.10567
610	845	3.10567
615	845	3.10402
620	845	3.10369
625	845	3.10523
630	845	3.10337
635	845	3.10372
640	845	3.10375

EM wavele nm	EX wavele nm	R1 MicroAmps
645	845	3.10352
650	845	3.10398
655	845	3.10196
660	845	3.10299
665	845	3.10217
670	845	3.10203
675	845	3.10251
680	845	3.10407
685	845	3.10491
690	845	3.10497
695	845	3.10528
700	845	3.10509
705	845	3.10326
710	845	3.10474
715	845	3.10476
720	845	3.10454
725	845	3.10366
730	845	3.10286
735	845	3.10597
740	845	3.10466
745	845	3.10283
750	845	3.10605
755	845	3.1066
760	845	3.10592
765	845	3.10541
770	845	3.10556
775	845	3.10518
780	845	3.10512
785	845	3.10439
790	845	3.10591
795	845	3.10649
800	845	3.10681
805	845	3.10436
810	845	3.10444
815	845	3.1054
820	845	3.10363
825	845	3.10424
830	845	3.10288
835	845	3.10438
840	845	3.10475
845	845	3.10337
850	845	3.10293
855	845	3.10426
860	845	3.10419
865	845	3.10332
870	845	3.10153
875	845	3.10467
880	845	3.10258
885	845	3.10034
890	845	3.10267
895	845	3.10062
900	845	3.10472
905	845	3.10151
910	845	3.10148
915	845	3.10611
920	845	3.10375
925	845	3.10227
930	845	3.10207
935	845	3.10366
940	845	3.10343
945	845	3.1019
950	845	3.10345
955	845	3.10474
960	845	3.10594

EM wavele nm	EX wavele nm	R1 MicroAmps
965	845	3.10765
970	845	3.10437
975	845	3.10601
980	845	3.10724
985	845	3.1048
990	845	3.10189
995	845	3.10166
1000	845	3.10338
1005	845	3.10126
1010	845	3.09952
1015	845	3.10496
1020	845	3.10321
1025	845	3.10371
1030	845	3.10276
1035	845	3.10337
1040	845	3.10713
1045	845	3.1047
1050	845	3.10712
1055	845	3.10466
1060	845	3.10475
1065	845	3.10514
1070	845	3.10398
1075	845	3.10417
1080	845	3.10462
1085	845	3.10558
1090	845	3.10538
1095	845	3.10488
1100	845	3.10424
1105	845	3.10346
1110	845	3.10541
1115	845	3.10339
1120	845	3.10334
1125	845	3.10345
1130	845	3.10323
1135	845	3.1038
1140	845	3.10626
1145	845	3.10477
1150	845	3.10383
0	850	2.44426
5	850	2.4454
10	850	2.44459
15	850	2.44627
20	850	2.44559
25	850	2.44377
30	850	2.44404
35	850	2.44436
40	850	2.44444
45	850	2.4431
50	850	2.44443
55	850	2.44482
60	850	2.44402
65	850	2.44496
70	850	2.4447
75	850	2.44409
80	850	2.44523
85	850	2.44307
90	850	2.44448
95	850	2.44261
100	850	2.44489
105	850	2.44474
110	850	2.44204
115	850	2.44406
120	850	2.444
125	850	2.44317

EM wavele nm	EX wavele nm	R1 MicroAmps
130	850	2.44341
135	850	2.44477
140	850	2.44256
145	850	2.443
150	850	2.44384
155	850	2.44218
160	850	2.44395
165	850	2.44364
170	850	2.44341
175	850	2.4441
180	850	2.4436
185	850	2.44444
190	850	2.44346
195	850	2.44212
200	850	2.44443
205	850	2.44254
210	850	2.44377
215	850	2.44226
220	850	2.4436
225	850	2.44175
230	850	2.44309
235	850	2.44138
240	850	2.44201
245	850	2.4415
250	850	2.44199
255	850	2.44305
260	850	2.4432
265	850	2.4438
270	850	2.4439
275	850	2.44287
280	850	2.44315
285	850	2.4427
290	850	2.44285
295	850	2.44269
300	850	2.44415
305	850	2.44348
310	850	2.44457
315	850	2.44432
320	850	2.44431
325	850	2.44552
330	850	2.44629
335	850	2.44405
340	850	2.44486
345	850	2.44401
350	850	2.44511
355	850	2.44414
360	850	2.44486
365	850	2.44442
370	850	2.44231
375	850	2.44351
380	850	2.44407
385	850	2.44138
390	850	2.44333
395	850	2.44403
400	850	2.44269
405	850	2.44386
410	850	2.44623
415	850	2.44265
420	850	2.44459
425	850	2.44302
430	850	2.44354
435	850	2.44422
440	850	2.44343
445	850	2.44553

EM wavele nm	EX wavele nm	R1 MicroAmps
450	850	2.44319
455	850	2.44438
460	850	2.44376
465	850	2.44385
470	850	2.44199
475	850	2.44302
480	850	2.44386
485	850	2.4421
490	850	2.44308
495	850	2.44287
500	850	2.44259
505	850	2.44217
510	850	2.4422
515	850	2.44297
520	850	2.44062
525	850	2.44272
530	850	2.44172
535	850	2.4417
540	850	2.44223
545	850	2.44378
550	850	2.44364
555	850	2.44379
560	850	2.44429
565	850	2.44534
570	850	2.4448
575	850	2.44464
580	850	2.44366
585	850	2.44217
590	850	2.44364
595	850	2.44443
600	850	2.44381
605	850	2.44419
610	850	2.44436
615	850	2.44492
620	850	2.44424
625	850	2.44448
630	850	2.44491
635	850	2.44448
640	850	2.44475
645	850	2.44389
650	850	2.44507
655	850	2.44437
660	850	2.44417
665	850	2.44457
670	850	2.44297
675	850	2.44335
680	850	2.443
685	850	2.44479
690	850	2.44388
695	850	2.44388
700	850	2.44449
705	850	2.4445
710	850	2.44522
715	850	2.44387
720	850	2.4448
725	850	2.44315
730	850	2.44195
735	850	2.44332
740	850	2.44249
745	850	2.44153
750	850	2.44159
755	850	2.44332
760	850	2.44246
765	850	2.44428

EM wavele nm	EX wavele nm	R1 MicroAmps
770	850	2.44265
775	850	2.4441
780	850	2.4453
785	850	2.44153
790	850	2.44332
795	850	2.44458
800	850	2.44343
805	850	2.44322
810	850	2.44178
815	850	2.44395
820	850	2.44201
825	850	2.44243
830	850	2.443
835	850	2.44442
840	850	2.44393
845	850	2.44401
850	850	2.44414
855	850	2.44341
860	850	2.44394
865	850	2.4436
870	850	2.44277
875	850	2.44326
880	850	2.44345
885	850	2.44211
890	850	2.44247
895	850	2.44326
900	850	2.44292
905	850	2.44235
910	850	2.4453
915	850	2.44353
920	850	2.44306
925	850	2.44392
930	850	2.44449
935	850	2.44409
940	850	2.44399
945	850	2.44369
950	850	2.44355
955	850	2.44479
960	850	2.44248
965	850	2.44197
970	850	2.44262
975	850	2.4442
980	850	2.44429
985	850	2.44461
990	850	2.44524
995	850	2.44529
1000	850	2.44504
1005	850	2.44607
1010	850	2.44412
1015	850	2.4454
1020	850	2.44521
1025	850	2.44292
1030	850	2.44515
1035	850	2.44419
1040	850	2.44618
1045	850	2.44491
1050	850	2.44396
1055	850	2.44453
1060	850	2.44333
1065	850	2.44411
1070	850	2.44358
1075	850	2.44243
1080	850	2.44368
1085	850	2.44455

EM wavele nm	EX wavele nm	R1 MicroAmps
1090	850	2.44472
1095	850	2.44258
1100	850	2.44318
1105	850	2.44363
1110	850	2.44407
1115	850	2.44397
1120	850	2.44374
1125	850	2.4441
1130	850	2.44369
1135	850	2.44425
1140	850	2.44484
1145	850	2.44434
1150	850	2.44329
0	855	2.5052
5	855	2.50468
10	855	2.50466
15	855	2.50429
20	855	2.50502
25	855	2.50637
30	855	2.50513
35	855	2.50625
40	855	2.50615
45	855	2.50646
50	855	2.50664
55	855	2.50535
60	855	2.50544
65	855	2.50507
70	855	2.50453
75	855	2.50519
80	855	2.50567
85	855	2.50464
90	855	2.50642
95	855	2.50658
100	855	2.50602
105	855	2.50639
110	855	2.50609
115	855	2.50409
120	855	2.50599
125	855	2.50589
130	855	2.50509
135	855	2.50602
140	855	2.50585
145	855	2.50582
150	855	2.50574
155	855	2.50557
160	855	2.50683
165	855	2.50487
170	855	2.50577
175	855	2.5061
180	855	2.50399
185	855	2.5046
190	855	2.50615
195	855	2.50504
200	855	2.50566
205	855	2.5059
210	855	2.50641
215	855	2.50683
220	855	2.50615
225	855	2.50722
230	855	2.50702
235	855	2.50605
240	855	2.50742
245	855	2.50654
250	855	2.50543

EM wavele nm	EX wavele nm	R1 MicroAmps
255	855	2.50589
260	855	2.50456
265	855	2.50274
270	855	2.50398
275	855	2.50392
280	855	2.50319
285	855	2.50372
290	855	2.50414
295	855	2.5034
300	855	2.50384
305	855	2.50458
310	855	2.50577
315	855	2.50452
320	855	2.50656
325	855	2.50634
330	855	2.50518
335	855	2.50525
340	855	2.50593
345	855	2.50446
350	855	2.50183
355	855	2.5049
360	855	2.50403
365	855	2.50332
370	855	2.50532
375	855	2.50335
380	855	2.50453
385	855	2.50465
390	855	2.50569
395	855	2.50405
400	855	2.50558
405	855	2.50421
410	855	2.50626
415	855	2.50567
420	855	2.50616
425	855	2.50635
430	855	2.50573
435	855	2.50595
440	855	2.50676
445	855	2.50413
450	855	2.50476
455	855	2.50541
460	855	2.50246
465	855	2.50592
470	855	2.50359
475	855	2.50591
480	855	2.50339
485	855	2.50456
490	855	2.50603
495	855	2.50274
500	855	2.50488
505	855	2.50383
510	855	2.504
515	855	2.50317
520	855	2.50569
525	855	2.50387
530	855	2.50379
535	855	2.50421
540	855	2.50327
545	855	2.50505
550	855	2.50311
555	855	2.50473
560	855	2.50396
565	855	2.50354
570	855	2.5051

EM wavele nm	EX wavele nm	R1 MicroAmps
575	855	2.5052
580	855	2.50309
585	855	2.50369
590	855	2.50368
595	855	2.50322
600	855	2.50349
605	855	2.50405
610	855	2.50473
615	855	2.50507
620	855	2.5046
625	855	2.50626
630	855	2.50287
635	855	2.50509
640	855	2.50548
645	855	2.50338
650	855	2.50414
655	855	2.50399
660	855	2.50553
665	855	2.50457
670	855	2.50437
675	855	2.50596
680	855	2.5042
685	855	2.50449
690	855	2.50496
695	855	2.50479
700	855	2.50567
705	855	2.5023
710	855	2.50371
715	855	2.50478
720	855	2.50384
725	855	2.50411
730	855	2.50463
735	855	2.50666
740	855	2.50591
745	855	2.50716
750	855	2.50514
755	855	2.50537
760	855	2.5065
765	855	2.50544
770	855	2.50419
775	855	2.50541
780	855	2.50437
785	855	2.50346
790	855	2.5031
795	855	2.50463
800	855	2.5059
805	855	2.504
810	855	2.50513
815	855	2.50447
820	855	2.50566
825	855	2.50356
830	855	2.50568
835	855	2.50461
840	855	2.50604
845	855	2.50439
850	855	2.50457
855	855	2.50645
860	855	2.50588
865	855	2.50499
870	855	2.50443
875	855	2.50561
880	855	2.50691
885	855	2.50559
890	855	2.50563

EM wavele nm	EX wavele nm	R1 MicroAmps
895	855	2.50409
900	855	2.50403
905	855	2.50535
910	855	2.503
915	855	2.50698
920	855	2.50534
925	855	2.50642
930	855	2.50615
935	855	2.50527
940	855	2.50773
945	855	2.5056
950	855	2.50561
955	855	2.50383
960	855	2.50394
965	855	2.50452
970	855	2.50356
975	855	2.50474
980	855	2.50407
985	855	2.50357
990	855	2.50477
995	855	2.50231
1000	855	2.50613
1005	855	2.50542
1010	855	2.50494
1015	855	2.50423
1020	855	2.5038
1025	855	2.50546
1030	855	2.50497
1035	855	2.5044
1040	855	2.50555
1045	855	2.50419
1050	855	2.50546
1055	855	2.50487
1060	855	2.50356
1065	855	2.50444
1070	855	2.50389
1075	855	2.50399
1080	855	2.5048
1085	855	2.50347
1090	855	2.50549
1095	855	2.50455
1100	855	2.50655
1105	855	2.5056
1110	855	2.50346
1115	855	2.50422
1120	855	2.50521
1125	855	2.50565
1130	855	2.50784
1135	855	2.50685
1140	855	2.50586
1145	855	2.50586
1150	855	2.50565
0	860	2.69284
5	860	2.6915
10	860	2.69189
15	860	2.69223
20	860	2.69031
25	860	2.69341
30	860	2.69192
35	860	2.69175
40	860	2.69255
45	860	2.69152
50	860	2.68981
55	860	2.69035

EM wavele nm	EX wavele nm	R1 MicroAmps
60	860	2.69051
65	860	2.6907
70	860	2.69117
75	860	2.6911
80	860	2.69171
85	860	2.69034
90	860	2.69026
95	860	2.69247
100	860	2.68954
105	860	2.69127
110	860	2.69262
115	860	2.69019
120	860	2.69129
125	860	2.69189
130	860	2.69064
135	860	2.69284
140	860	2.69084
145	860	2.69399
150	860	2.69307
155	860	2.69111
160	860	2.69288
165	860	2.69164
170	860	2.69159
175	860	2.6955
180	860	2.69492
185	860	2.69481
190	860	2.69506
195	860	2.69323
200	860	2.69357
205	860	2.69171
210	860	2.69163
215	860	2.69343
220	860	2.6922
225	860	2.69389
230	860	2.6934
235	860	2.69253
240	860	2.69298
245	860	2.69297
250	860	2.69248
255	860	2.6937
260	860	2.69361
265	860	2.69421
270	860	2.69568
275	860	2.691
280	860	2.69433
285	860	2.69185
290	860	2.69077
295	860	2.69469
300	860	2.69404
305	860	2.69405
310	860	2.69412
315	860	2.69305
320	860	2.69479
325	860	2.69447
330	860	2.69352
335	860	2.69422
340	860	2.69213
345	860	2.69442
350	860	2.6934
355	860	2.69274
360	860	2.69413
365	860	2.69252
370	860	2.6924
375	860	2.69338

EM wavele nm	EX wavele nm	R1 MicroAmps
380	860	2.69372
385	860	2.69267
390	860	2.69242
395	860	2.69114
400	860	2.69293
405	860	2.69324
410	860	2.69118
415	860	2.69244
420	860	2.69299
425	860	2.69076
430	860	2.69345
435	860	2.69174
440	860	2.69144
445	860	2.69109
450	860	2.69079
455	860	2.69424
460	860	2.69129
465	860	2.69326
470	860	2.69232
475	860	2.69272
480	860	2.69197
485	860	2.69325
490	860	2.69293
495	860	2.69262
500	860	2.69134
505	860	2.69201
510	860	2.69192
515	860	2.69155
520	860	2.69327
525	860	2.69248
530	860	2.69254
535	860	2.69465
540	860	2.69342
545	860	2.6936
550	860	2.69436
555	860	2.69307
560	860	2.69434
565	860	2.69433
570	860	2.69443
575	860	2.69341
580	860	2.69356
585	860	2.69491
590	860	2.69459
595	860	2.69344
600	860	2.69412
605	860	2.69398
610	860	2.6932
615	860	2.69358
620	860	2.69259
625	860	2.69493
630	860	2.69333
635	860	2.69202
640	860	2.69348
645	860	2.69284
650	860	2.69292
655	860	2.69277
660	860	2.69367
665	860	2.69154
670	860	2.69339
675	860	2.69109
680	860	2.69187
685	860	2.69273
690	860	2.69246
695	860	2.69404

EM wavele nm	EX wavele nm	R1 MicroAmps
700	860	2.69369
705	860	2.69346
710	860	2.69562
715	860	2.69586
720	860	2.69487
725	860	2.69301
730	860	2.69597
735	860	2.69432
740	860	2.69386
745	860	2.69516
750	860	2.69479
755	860	2.6951
760	860	2.69243
765	860	2.69227
770	860	2.69422
775	860	2.69149
780	860	2.69332
785	860	2.69247
790	860	2.69452
795	860	2.69474
800	860	2.69379
805	860	2.6942
810	860	2.69425
815	860	2.69415
820	860	2.69186
825	860	2.69366
830	860	2.69399
835	860	2.69312
840	860	2.69243
845	860	2.69331
850	860	2.69505
855	860	2.69422
860	860	2.69313
865	860	2.69223
870	860	2.69334
875	860	2.69247
880	860	2.69161
885	860	2.6921
890	860	2.69253
895	860	2.69242
900	860	2.69209
905	860	2.69259
910	860	2.69263
915	860	2.69441
920	860	2.69248
925	860	2.69408
930	860	2.69418
935	860	2.6945
940	860	2.69408
945	860	2.69359
950	860	2.69438
955	860	2.69277
960	860	2.69412
965	860	2.69314
970	860	2.69392
975	860	2.693
980	860	2.69186
985	860	2.69208
990	860	2.69334
995	860	2.69423
1000	860	2.69445
1005	860	2.69237
1010	860	2.69484
1015	860	2.69446

EM wavele nm	EX wavele nm	R1 MicroAmps
1020	860	2.69464
1025	860	2.69356
1030	860	2.69217
1035	860	2.6947
1040	860	2.69262
1045	860	2.69382
1050	860	2.69333
1055	860	2.6983
1060	860	2.69779
1065	860	2.6973
1070	860	2.69738
1075	860	2.6977
1080	860	2.69711
1085	860	2.69602
1090	860	2.69554
1095	860	2.69436
1100	860	2.69527
1105	860	2.69543
1110	860	2.69516
1115	860	2.69414
1120	860	2.69459
1125	860	2.69612
1130	860	2.69595
1135	860	2.69636
1140	860	2.69571
1145	860	2.69619
1150	860	2.69648
0	865	3.23101
5	865	3.23084
10	865	3.23154
15	865	3.23057
20	865	3.23138
25	865	3.23165
30	865	3.22927
35	865	3.22948
40	865	3.23063
45	865	3.22976
50	865	3.2307
55	865	3.23202
60	865	3.22992
65	865	3.2306
70	865	3.23063
75	865	3.2291
80	865	3.23142
85	865	3.23147
90	865	3.23153
95	865	3.23118
100	865	3.22895
105	865	3.23277
110	865	3.22798
115	865	3.2306
120	865	3.23163
125	865	3.22936
130	865	3.23124
135	865	3.23082
140	865	3.22861
145	865	3.22964
150	865	3.23058
155	865	3.22967
160	865	3.23105
165	865	3.23037
170	865	3.23041
175	865	3.23129
180	865	3.23008

EM wavele nm	EX wavele nm	R1 MicroAmps
185	865	3.23279
190	865	3.23003
195	865	3.22983
200	865	3.2299
205	865	3.22887
210	865	3.2296
215	865	3.22832
220	865	3.23021
225	865	3.22938
230	865	3.22891
235	865	3.23039
240	865	3.22985
245	865	3.22927
250	865	3.22894
255	865	3.22991
260	865	3.22799
265	865	3.22894
270	865	3.22813
275	865	3.22987
280	865	3.22897
285	865	3.22855
290	865	3.23259
295	865	3.22981
300	865	3.2293
305	865	3.22924
310	865	3.22997
315	865	3.22898
320	865	3.23067
325	865	3.2293
330	865	3.23116
335	865	3.23094
340	865	3.23101
345	865	3.23108
350	865	3.23015
355	865	3.23204
360	865	3.23105
365	865	3.23188
370	865	3.23226
375	865	3.2322
380	865	3.2285
385	865	3.23095
390	865	3.2322
395	865	3.22977
400	865	3.2316
405	865	3.22876
410	865	3.23035
415	865	3.22972
420	865	3.22833
425	865	3.23037
430	865	3.23048
435	865	3.22932
440	865	3.22973
445	865	3.23068
450	865	3.2298
455	865	3.2304
460	865	3.23
465	865	3.23184
470	865	3.22767
475	865	3.22825
480	865	3.22893
485	865	3.22927
490	865	3.22748
495	865	3.22958
500	865	3.22996

EM wavele nm	EX wavele nm	R1 MicroAmps
505	865	3.22801
510	865	3.23151
515	865	3.22799
520	865	3.22955
525	865	3.22607
530	865	3.22845
535	865	3.22972
540	865	3.22814
545	865	3.22937
550	865	3.23001
555	865	3.23083
560	865	3.22783
565	865	3.23052
570	865	3.23065
575	865	3.22861
580	865	3.22986
585	865	3.22974
590	865	3.22917
595	865	3.22765
600	865	3.2311
605	865	3.23024
610	865	3.2297
615	865	3.23008
620	865	3.23124
625	865	3.23108
630	865	3.2293
635	865	3.23105
640	865	3.23098
645	865	3.22878
650	865	3.2297
655	865	3.23061
660	865	3.22985
665	865	3.22949
670	865	3.23068
675	865	3.23082
680	865	3.22995
685	865	3.23067
690	865	3.23016
695	865	3.231
700	865	3.23166
705	865	3.23075
710	865	3.23038
715	865	3.23003
720	865	3.23038
725	865	3.22999
730	865	3.22841
735	865	3.23102
740	865	3.22715
745	865	3.22795
750	865	3.22792
755	865	3.22824
760	865	3.23145
765	865	3.22715
770	865	3.22933
775	865	3.22875
780	865	3.22879
785	865	3.22908
790	865	3.22955
795	865	3.23023
800	865	3.22889
805	865	3.23034
810	865	3.22859
815	865	3.22929
820	865	3.2306

EM wavele nm	EX wavele nm	R1 MicroAmps
825	865	3.23072
830	865	3.23128
835	865	3.23458
840	865	3.23213
845	865	3.23212
850	865	3.22927
855	865	3.23064
860	865	3.23091
865	865	3.23033
870	865	3.23144
875	865	3.22965
880	865	3.23262
885	865	3.23107
890	865	3.23141
895	865	3.22975
900	865	3.2294
905	865	3.23063
910	865	3.22998
915	865	3.22861
920	865	3.23071
925	865	3.23106
930	865	3.23151
935	865	3.23066
940	865	3.23046
945	865	3.23083
950	865	3.22923
955	865	3.22897
960	865	3.23051
965	865	3.23122
970	865	3.23004
975	865	3.23098
980	865	3.22734
985	865	3.23032
990	865	3.22965
995	865	3.23208
1000	865	3.22998
1005	865	3.23053
1010	865	3.23044
1015	865	3.22963
1020	865	3.22763
1025	865	3.22998
1030	865	3.23127
1035	865	3.23337
1040	865	3.22987
1045	865	3.23191
1050	865	3.23123
1055	865	3.23116
1060	865	3.23246
1065	865	3.23185
1070	865	3.22816
1075	865	3.23147
1080	865	3.23321
1085	865	3.23233
1090	865	3.23212
1095	865	3.23187
1100	865	3.2327
1105	865	3.23172
1110	865	3.23086
1115	865	3.23209
1120	865	3.22909
1125	865	3.23236
1130	865	3.23105
1135	865	3.23283
1140	865	3.23321

EM wavele nm	EX wavele nm	R1 MicroAmps
1145	865	3.23127
1150	865	3.23002
0	870	4.00563
5	870	4.00333
10	870	4.0056
15	870	4.0042
20	870	4.0041
25	870	4.00365
30	870	4.00693
35	870	4.00208
40	870	4.00443
45	870	4.00504
50	870	4.00516
55	870	4.00364
60	870	4.00743
65	870	4.00693
70	870	4.00537
75	870	4.00701
80	870	4.00477
85	870	4.00505
90	870	4.00458
95	870	4.00444
100	870	4.00837
105	870	4.00549
110	870	4.00558
115	870	4.00649
120	870	4.00458
125	870	4.00402
130	870	4.00264
135	870	4.00174
140	870	4.00067
145	870	4.00252
150	870	4.00296
155	870	4.0031
160	870	4.00323
165	870	4.0051
170	870	4.00381
175	870	4.00269
180	870	4.00652
185	870	4.00388
190	870	4.00477
195	870	4.00346
200	870	4.00415
205	870	3.99992
210	870	4.00152
215	870	4.00351
220	870	4.00178
225	870	4.00396
230	870	4.00165
235	870	4.00296
240	870	4.0022
245	870	4.00399
250	870	4.0063
255	870	4.00375
260	870	4.00443
265	870	4.00419
270	870	4.00433
275	870	4.00057
280	870	4.0055
285	870	4.00254
290	870	4.00176
295	870	4.00067
300	870	4.0024
305	870	4.00227

EM wavele nm	EX wavele nm	R1 MicroAmps
310	870	4.00285
315	870	4.00219
320	870	4.00408
325	870	4.00316
330	870	4.00445
335	870	4.00509
340	870	4.00352
345	870	4.00335
350	870	4.00603
355	870	4.00435
360	870	4.00318
365	870	4.0062
370	870	4.00376
375	870	4.00195
380	870	4.00425
385	870	4.00025
390	870	4.00217
395	870	4.00122
400	870	4.002
405	870	4.0028
410	870	4.00262
415	870	4.00188
420	870	4.00398
425	870	4.0047
430	870	4.00064
435	870	4.00306
440	870	4.00513
445	870	4.00519
450	870	4.00339
455	870	4.00501
460	870	4.001
465	870	4.00383
470	870	4.00387
475	870	4.00348
480	870	4.00252
485	870	4.00246
490	870	4.00394
495	870	4.00344
500	870	4.00261
505	870	4.00601
510	870	4.004
515	870	4.00288
520	870	4.0046
525	870	4.00425
530	870	4.00358
535	870	4.00553
540	870	4.00548
545	870	4.00413
550	870	4.00311
555	870	4.00187
560	870	4.00382
565	870	4.00272
570	870	4.0027
575	870	4.00408
580	870	4.00154
585	870	4.00207
590	870	4.00151
595	870	4.0028
600	870	4.00129
605	870	4.00324
610	870	4.00394
615	870	4.00294
620	870	4.00266
625	870	4.00311

EM wavele nm	EX wavele nm	R1 MicroAmps
630	870	4.00249
635	870	4.00301
640	870	4.00152
645	870	4.00203
650	870	4.00351
655	870	4.00216
660	870	4.00316
665	870	4.00253
670	870	4.00094
675	870	4.00219
680	870	4.00168
685	870	4.00309
690	870	4.00543
695	870	4.0028
700	870	4.00262
705	870	4.00296
710	870	4.00318
715	870	4.00384
720	870	4.00249
725	870	4.00395
730	870	4.00331
735	870	4.0052
740	870	4.00404
745	870	4.00019
750	870	4.0037
755	870	4.00409
760	870	4.00002
765	870	4.00381
770	870	4.00416
775	870	4.00286
780	870	4.0025
785	870	4.00632
790	870	4.00457
795	870	4.0035
800	870	4.0055
805	870	4.00203
810	870	4.00458
815	870	4.00613
820	870	4.00392
825	870	4.0065
830	870	4.00674
835	870	4.00533
840	870	4.00684
845	870	4.0033
850	870	4.00894
855	870	4.00842
860	870	4.009
865	870	4.00901
870	870	4.00567
875	870	4.00923
880	870	4.00836
885	870	4.00902
890	870	4.00634
895	870	4.00618
900	870	4.00656
905	870	4.006
910	870	4.00749
915	870	4.00393
920	870	4.00536
925	870	4.00614
930	870	4.00397
935	870	4.00282
940	870	4.00158
945	870	4.00421

EM wavele nm	EX wavele nm	R1 MicroAmps
950	870	4.00187
955	870	4.00227
960	870	4.00477
965	870	4.00141
970	870	4.00409
975	870	4.00354
980	870	4.00175
985	870	4.00549
990	870	4.00355
995	870	4.00625
1000	870	4.00709
1005	870	4.00713
1010	870	4.00655
1015	870	4.00521
1020	870	4.00725
1025	870	4.00373
1030	870	4.00548
1035	870	4.00455
1040	870	4.00433
1045	870	4.00514
1050	870	4.00546
1055	870	4.00377
1060	870	4.00606
1065	870	4.00256
1070	870	4.00536
1075	870	4.00431
1080	870	4.00478
1085	870	4.00488
1090	870	4.00412
1095	870	4.00528
1100	870	4.00344
1105	870	4.00297
1110	870	4.00214
1115	870	4.00348
1120	870	4.00368
1125	870	4.00022
1130	870	4.00425
1135	870	4.00576
1140	870	4.00305
1145	870	4.00212
1150	870	4.00443
0	875	5.60034
5	875	5.60467
10	875	5.60046
15	875	5.60046
20	875	5.60284
25	875	5.60175
30	875	5.60087
35	875	5.60419
40	875	5.6003
45	875	5.60253
50	875	5.60118
55	875	5.60219
60	875	5.60209
65	875	5.60085
70	875	5.60197
75	875	5.6035
80	875	5.60147
85	875	5.60069
90	875	5.60056
95	875	5.59836
100	875	5.60075
105	875	5.59902
110	875	5.60069

EM wavele nm	EX wavele nm	R1 MicroAmps
115	875	5.60256
120	875	5.6001
125	875	5.60021
130	875	5.60269
135	875	5.59859
140	875	5.60107
145	875	5.59806
150	875	5.60066
155	875	5.59875
160	875	5.5977
165	875	5.59703
170	875	5.59653
175	875	5.5989
180	875	5.59763
185	875	5.59677
190	875	5.59912
195	875	5.60005
200	875	5.59771
205	875	5.59628
210	875	5.59937
215	875	5.59783
220	875	5.60015
225	875	5.59748
230	875	5.60027
235	875	5.59808
240	875	5.59747
245	875	5.59954
250	875	5.59599
255	875	5.5986
260	875	5.59731
265	875	5.60066
270	875	5.5981
275	875	5.60247
280	875	5.59879
285	875	5.59971
290	875	5.59986
295	875	5.60275
300	875	5.59544
305	875	5.59838
310	875	5.60063
315	875	5.60176
320	875	5.59962
325	875	5.60098
330	875	5.60048
335	875	5.59893
340	875	5.59889
345	875	5.59959
350	875	5.59972
355	875	5.60037
360	875	5.60005
365	875	5.6014
370	875	5.60034
375	875	5.59923
380	875	5.59738
385	875	5.59732
390	875	5.59766
395	875	5.6007
400	875	5.59694
405	875	5.60177
410	875	5.59814
415	875	5.59933
420	875	5.59882
425	875	5.59733
430	875	5.59845

EM wavele nm	EX wavele nm	R1 MicroAmps
435	875	5.59889
440	875	5.59861
445	875	5.59625
450	875	5.59714
455	875	5.59607
460	875	5.59634
465	875	5.59422
470	875	5.5915
475	875	5.59625
480	875	5.59099
485	875	5.59569
490	875	5.59999
495	875	5.59724
500	875	5.60089
505	875	5.59683
510	875	5.59812
515	875	5.59648
520	875	5.59407
525	875	5.59782
530	875	5.5971
535	875	5.59144
540	875	5.59925
545	875	5.59515
550	875	5.5964
555	875	5.59534
560	875	5.59759
565	875	5.60147
570	875	5.6039
575	875	5.59809
580	875	5.60138
585	875	5.60013
590	875	5.5968
595	875	5.59774
600	875	5.59601
605	875	5.59633
610	875	5.59813
615	875	5.59804
620	875	5.6004
625	875	5.6002
630	875	5.60144
635	875	5.60129
640	875	5.60058
645	875	5.59686
650	875	5.59551
655	875	5.59959
660	875	5.59817
665	875	5.59827
670	875	5.5993
675	875	5.60114
680	875	5.60042
685	875	5.60276
690	875	5.60366
695	875	5.60292
700	875	5.60388
705	875	5.60115
710	875	5.60491
715	875	5.59944
720	875	5.59759
725	875	5.60084
730	875	5.5974
735	875	5.60042
740	875	5.59498
745	875	5.59715
750	875	5.59804

EM wavele nm	EX wavele nm	R1 MicroAmps
755	875	5.59871
760	875	5.5977
765	875	5.59762
770	875	5.60164
775	875	5.59983
780	875	5.60135
785	875	5.598
790	875	5.60056
795	875	5.59675
800	875	5.5987
805	875	5.59699
810	875	5.59929
815	875	5.59933
820	875	5.60105
825	875	5.59925
830	875	5.60069
835	875	5.60209
840	875	5.60176
845	875	5.59641
850	875	5.60014
855	875	5.60083
860	875	5.59601
865	875	5.59832
870	875	5.59592
875	875	5.60042
880	875	5.60192
885	875	5.59923
890	875	5.59983
895	875	5.59773
900	875	5.60363
905	875	5.59909
910	875	5.60297
915	875	5.60081
920	875	5.60181
925	875	5.60206
930	875	5.60146
935	875	5.60008
940	875	5.60306
945	875	5.6011
950	875	5.6003
955	875	5.59862
960	875	5.59913
965	875	5.60394
970	875	5.60384
975	875	5.60021
980	875	5.60133
985	875	5.60218
990	875	5.59991
995	875	5.59938
1000	875	5.59621
1005	875	5.59588
1010	875	5.59915
1015	875	5.60002
1020	875	5.59944
1025	875	5.5992
1030	875	5.59973
1035	875	5.59733
1040	875	5.60355
1045	875	5.59603
1050	875	5.59991
1055	875	5.60009
1060	875	5.60257
1065	875	5.60158
1070	875	5.59835

EM wavele nm	EX wavele nm	R1 MicroAmps
1075	875	5.59907
1080	875	5.60208
1085	875	5.599
1090	875	5.60494
1095	875	5.60332
1100	875	5.60298
1105	875	5.60238
1110	875	5.60084
1115	875	5.60123
1120	875	5.60086
1125	875	5.59611
1130	875	5.60018
1135	875	5.59888
1140	875	5.5983
1145	875	5.59723
1150	875	5.59941
0	880	24.3485
5	880	24.34003
10	880	24.35285
15	880	24.33996
20	880	24.35082
25	880	24.35207
30	880	24.33879
35	880	24.34829
40	880	24.34408
45	880	24.34174
50	880	24.34625
55	880	24.35381
60	880	24.35136
65	880	24.35544
70	880	24.34898
75	880	24.35042
80	880	24.35807
85	880	24.35051
90	880	24.35866
95	880	24.34956
100	880	24.35045
105	880	24.36016
110	880	24.36357
115	880	24.34798
120	880	24.35028
125	880	24.34739
130	880	24.34067
135	880	24.33995
140	880	24.34234
145	880	24.35609
150	880	24.3541
155	880	24.34264
160	880	24.35856
165	880	24.34741
170	880	24.3506
175	880	24.35844
180	880	24.35408
185	880	24.35117
190	880	24.36051
195	880	24.35165
200	880	24.36852
205	880	24.35527
210	880	24.35494
215	880	24.36205
220	880	24.34913
225	880	24.3559
230	880	24.36067
235	880	24.34742

EM wavele nm	EX wavele nm	R1 MicroAmps
240	880	24.35418
245	880	24.3514
250	880	24.35272
255	880	24.35262
260	880	24.33442
265	880	24.35524
270	880	24.34195
275	880	24.35331
280	880	24.3522
285	880	24.35127
290	880	24.34344
295	880	24.34051
300	880	24.34203
305	880	24.3431
310	880	24.34187
315	880	24.33393
320	880	24.35571
325	880	24.33709
330	880	24.35041
335	880	24.35199
340	880	24.35205
345	880	24.35423
350	880	24.36717
355	880	24.35735
360	880	24.35847
365	880	24.36221
370	880	24.35047
375	880	24.35556
380	880	24.34862
385	880	24.35778
390	880	24.35781
395	880	24.35428
400	880	24.36303
405	880	24.35847
410	880	24.35792
415	880	24.35532
420	880	24.34516
425	880	24.34547
430	880	24.34238
435	880	24.34473
440	880	24.3484
445	880	24.34017
450	880	24.35242
455	880	24.3492
460	880	24.34359
465	880	24.34891
470	880	24.34346
475	880	24.34776
480	880	24.34496
485	880	24.34596
490	880	24.3503
495	880	24.35587
500	880	24.3507
505	880	24.35699
510	880	24.35451
515	880	24.35552
520	880	24.35246
525	880	24.35673
530	880	24.35319
535	880	24.35552
540	880	24.35632
545	880	24.35653
550	880	24.35764
555	880	24.33976

EM wavele nm	EX wavele nm	R1 MicroAmps
560	880	24.35009
565	880	24.36391
570	880	24.34719
575	880	24.35692
580	880	24.35493
585	880	24.35936
590	880	24.35505
595	880	24.35664
600	880	24.34975
605	880	24.35304
610	880	24.33818
615	880	24.34456
620	880	24.35147
625	880	24.34553
630	880	24.3475
635	880	24.35549
640	880	24.34525
645	880	24.35722
650	880	24.35287
655	880	24.35249
660	880	24.35479
665	880	24.34632
670	880	24.34984
675	880	24.35705
680	880	24.34703
685	880	24.34226
690	880	24.33904
695	880	24.3505
700	880	24.34336
705	880	24.34682
710	880	24.34136
715	880	24.34563
720	880	24.34713
725	880	24.3592
730	880	24.33633
735	880	24.36247
740	880	24.35046
745	880	24.34141
750	880	24.35224
755	880	24.34159
760	880	24.34845
765	880	24.34163
770	880	24.34848
775	880	24.34529
780	880	24.35019
785	880	24.34683
790	880	24.34269
795	880	24.34529
800	880	24.34456
805	880	24.34191
810	880	24.34934
815	880	24.35477
820	880	24.34775
825	880	24.35414
830	880	24.33669
835	880	24.34858
840	880	24.35976
845	880	24.35023
850	880	24.35349
855	880	24.34245
860	880	24.3518
865	880	24.34653
870	880	24.35163
875	880	24.34845

EM wavele nm	EX wavele nm	R1 MicroAmps
880	880	24.34115
885	880	24.35361
890	880	24.35111
895	880	24.34174
900	880	24.35224
905	880	24.35247
910	880	24.3493
915	880	24.35078
920	880	24.35059
925	880	24.35104
930	880	24.3546
935	880	24.35452
940	880	24.3487
945	880	24.35709
950	880	24.35362
955	880	24.34188
960	880	24.3492
965	880	24.34825
970	880	24.34341
975	880	24.35257
980	880	24.35045
985	880	24.34701
990	880	24.34764
995	880	24.35939
1000	880	24.34663
1005	880	24.35138
1010	880	24.35829
1015	880	24.34934
1020	880	24.3668
1025	880	24.35377
1030	880	24.35918
1035	880	24.3512
1040	880	24.35478
1045	880	24.35506
1050	880	24.33949
1055	880	24.34982
1060	880	24.35045
1065	880	24.34563
1070	880	24.3454
1075	880	24.34945
1080	880	24.34457
1085	880	24.34349
1090	880	24.34327
1095	880	24.35136
1100	880	24.35615
1105	880	24.34521
1110	880	24.35202
1115	880	24.35336
1120	880	24.35338
1125	880	24.34737
1130	880	24.35309
1135	880	24.35203
1140	880	24.34958
1145	880	24.35061
1150	880	24.35476
0	885	18.25404
5	885	18.24236
10	885	18.24808
15	885	18.24518
20	885	18.2391
25	885	18.24287
30	885	18.24722
35	885	18.24541
40	885	18.25044

EM wavele nm	EX wavele nm	R1 MicroAmps
45	885	18.24499
50	885	18.2486
55	885	18.24013
60	885	18.23939
65	885	18.23768
70	885	18.2473
75	885	18.23766
80	885	18.24397
85	885	18.25041
90	885	18.23463
95	885	18.24478
100	885	18.25191
105	885	18.24825
110	885	18.2444
115	885	18.24664
120	885	18.24917
125	885	18.24962
130	885	18.2493
135	885	18.25431
140	885	18.25502
145	885	18.2544
150	885	18.24914
155	885	18.25316
160	885	18.24844
165	885	18.24638
170	885	18.25192
175	885	18.25221
180	885	18.25576
185	885	18.24713
190	885	18.25518
195	885	18.24723
200	885	18.24884
205	885	18.24058
210	885	18.24891
215	885	18.24161
220	885	18.24516
225	885	18.24834
230	885	18.24918
235	885	18.25031
240	885	18.25126
245	885	18.24613
250	885	18.25066
255	885	18.23881
260	885	18.24865
265	885	18.24318
270	885	18.24359
275	885	18.23998
280	885	18.25009
285	885	18.24215
290	885	18.24406
295	885	18.24995
300	885	18.24384
305	885	18.25519
310	885	18.25005
315	885	18.25064
320	885	18.25912
325	885	18.24203
330	885	18.24811
335	885	18.25169
340	885	18.23903
345	885	18.24762
350	885	18.24443
355	885	18.24906
360	885	18.24055

EM wavele nm	EX wavele nm	R1 MicroAmps
365	885	18.24158
370	885	18.2532
375	885	18.23723
380	885	18.23571
385	885	18.24307
390	885	18.24413
395	885	18.24236
400	885	18.24732
405	885	18.24073
410	885	18.24793
415	885	18.24215
420	885	18.24862
425	885	18.2492
430	885	18.24141
435	885	18.24341
440	885	18.2557
445	885	18.24215
450	885	18.24451
455	885	18.247
460	885	18.25303
465	885	18.25051
470	885	18.24953
475	885	18.25346
480	885	18.25289
485	885	18.25241
490	885	18.24231
495	885	18.24422
500	885	18.24398
505	885	18.23903
510	885	18.24882
515	885	18.24933
520	885	18.23774
525	885	18.24504
530	885	18.24337
535	885	18.24764
540	885	18.24358
545	885	18.24062
550	885	18.25056
555	885	18.24062
560	885	18.24696
565	885	18.25029
570	885	18.2475
575	885	18.23772
580	885	18.24404
585	885	18.24272
590	885	18.25279
595	885	18.24932
600	885	18.24812
605	885	18.25739
610	885	18.24589
615	885	18.24561
620	885	18.24606
625	885	18.24136
630	885	18.24042
635	885	18.24123
640	885	18.24695
645	885	18.24715
650	885	18.24498
655	885	18.252
660	885	18.25436
665	885	18.25066
670	885	18.25688
675	885	18.25352
680	885	18.25254

EM wavele nm	EX wavele nm	R1 MicroAmps
685	885	18.25228
690	885	18.24392
695	885	18.2543
700	885	18.25408
705	885	18.25251
710	885	18.24912
715	885	18.25141
720	885	18.25228
725	885	18.24909
730	885	18.24864
735	885	18.23976
740	885	18.25319
745	885	18.24426
750	885	18.24152
755	885	18.24215
760	885	18.24222
765	885	18.24707
770	885	18.24891
775	885	18.23268
780	885	18.2433
785	885	18.26324
790	885	18.26134
795	885	18.26014
800	885	18.25667
805	885	18.26059
810	885	18.2574
815	885	18.25727
820	885	18.24518
825	885	18.24927
830	885	18.25036
835	885	18.24399
840	885	18.23905
845	885	18.24252
850	885	18.24358
855	885	18.24859
860	885	18.24928
865	885	18.24867
870	885	18.24275
875	885	18.24188
880	885	18.24831
885	885	18.2398
890	885	18.23959
895	885	18.24456
900	885	18.24352
905	885	18.23606
910	885	18.24852
915	885	18.24706
920	885	18.25844
925	885	18.24328
930	885	18.24836
935	885	18.24692
940	885	18.24588
945	885	18.2449
950	885	18.23429
955	885	18.24156
960	885	18.23671
965	885	18.24347
970	885	18.23805
975	885	18.23681
980	885	18.23973
985	885	18.2412
990	885	18.25128
995	885	18.24108
1000	885	18.23634

EM wavele nm	EX wavele nm	R1 MicroAmps
1005	885	18.24503
1010	885	18.2455
1015	885	18.24974
1020	885	18.24985
1025	885	18.24616
1030	885	18.25184
1035	885	18.24548
1040	885	18.251
1045	885	18.24378
1050	885	18.24389
1055	885	18.24741
1060	885	18.24525
1065	885	18.25352
1070	885	18.23841
1075	885	18.24242
1080	885	18.24671
1085	885	18.24514
1090	885	18.25281
1095	885	18.24958
1100	885	18.25152
1105	885	18.24555
1110	885	18.24014
1115	885	18.24483
1120	885	18.2477
1125	885	18.24468
1130	885	18.24344
1135	885	18.23937
1140	885	18.23827
1145	885	18.24582
1150	885	18.24563
0	890	7.65479
5	890	7.64753
10	890	7.65312
15	890	7.648
20	890	7.64694
25	890	7.65064
30	890	7.64738
35	890	7.64612
40	890	7.64752
45	890	7.65574
50	890	7.65028
55	890	7.65221
60	890	7.65253
65	890	7.65616
70	890	7.65055
75	890	7.651
80	890	7.65402
85	890	7.65211
90	890	7.65076
95	890	7.64877
100	890	7.65144
105	890	7.64712
110	890	7.64655
115	890	7.65064
120	890	7.65292
125	890	7.65013
130	890	7.65242
135	890	7.65509
140	890	7.65417
145	890	7.65558
150	890	7.65066
155	890	7.65181
160	890	7.6453
165	890	7.65294

EM wavele nm	EX wavele nm	R1 MicroAmps
170	890	7.64941
175	890	7.65521
180	890	7.64558
185	890	7.65448
190	890	7.65168
195	890	7.65247
200	890	7.64806
205	890	7.65215
210	890	7.65196
215	890	7.64505
220	890	7.6495
225	890	7.64581
230	890	7.6523
235	890	7.64525
240	890	7.65311
245	890	7.64796
250	890	7.65315
255	890	7.64957
260	890	7.65357
265	890	7.65105
270	890	7.64689
275	890	7.65064
280	890	7.65336
285	890	7.65384
290	890	7.65048
295	890	7.65956
300	890	7.64778
305	890	7.65693
310	890	7.64529
315	890	7.64947
320	890	7.64841
325	890	7.64908
330	890	7.64838
335	890	7.6514
340	890	7.64562
345	890	7.64904
350	890	7.64841
355	890	7.64576
360	890	7.64981
365	890	7.6428
370	890	7.65173
375	890	7.6528
380	890	7.64997
385	890	7.64903
390	890	7.65221
395	890	7.65068
400	890	7.64541
405	890	7.65053
410	890	7.64623
415	890	7.64841
420	890	7.64977
425	890	7.65341
430	890	7.65118
435	890	7.65508
440	890	7.64887
445	890	7.65835
450	890	7.64992
455	890	7.64804
460	890	7.65599
465	890	7.64959
470	890	7.65085
475	890	7.64789
480	890	7.65032
485	890	7.64635

EM wavele nm	EX wavele nm	R1 MicroAmps
490	890	7.64886
495	890	7.64705
500	890	7.65224
505	890	7.64499
510	890	7.64769
515	890	7.64944
520	890	7.64653
525	890	7.64883
530	890	7.64527
535	890	7.65113
540	890	7.65176
545	890	7.65002
550	890	7.65705
555	890	7.65257
560	890	7.65522
565	890	7.64645
570	890	7.65085
575	890	7.64988
580	890	7.6521
585	890	7.64566
590	890	7.64964
595	890	7.64889
600	890	7.65153
605	890	7.65051
610	890	7.652
615	890	7.65377
620	890	7.64676
625	890	7.65158
630	890	7.65445
635	890	7.64892
640	890	7.65233
645	890	7.65461
650	890	7.64899
655	890	7.6518
660	890	7.65179
665	890	7.65388
670	890	7.65527
675	890	7.65447
680	890	7.65466
685	890	7.65455
690	890	7.65892
695	890	7.65303
700	890	7.6531
705	890	7.65588
710	890	7.6524
715	890	7.65146
720	890	7.65142
725	890	7.65279
730	890	7.65562
735	890	7.65039
740	890	7.64848
745	890	7.65018
750	890	7.65365
755	890	7.64721
760	890	7.6483
765	890	7.65068
770	890	7.65731
775	890	7.65337
780	890	7.65346
785	890	7.65344
790	890	7.65123
795	890	7.65829
800	890	7.65101
805	890	7.6545

EM wavele nm	EX wavele nm	R1 MicroAmps
810	890	7.65488
815	890	7.65565
820	890	7.65566
825	890	7.65398
830	890	7.65166
835	890	7.65531
840	890	7.65153
845	890	7.65486
850	890	7.6488
855	890	7.65465
860	890	7.65516
865	890	7.65372
870	890	7.64885
875	890	7.65114
880	890	7.65501
885	890	7.65278
890	890	7.65063
895	890	7.65548
900	890	7.65413
905	890	7.65917
910	890	7.65265
915	890	7.65699
920	890	7.65413
925	890	7.65662
930	890	7.65766
935	890	7.65136
940	890	7.65834
945	890	7.652
950	890	7.65525
955	890	7.65599
960	890	7.65101
965	890	7.65254
970	890	7.65616
975	890	7.65786
980	890	7.65046
985	890	7.65396
990	890	7.65568
995	890	7.65216
1000	890	7.65644
1005	890	7.6515
1010	890	7.65138
1015	890	7.65522
1020	890	7.65517
1025	890	7.65165
1030	890	7.64742
1035	890	7.65403
1040	890	7.65397
1045	890	7.65631
1050	890	7.65588
1055	890	7.65411
1060	890	7.65766
1065	890	7.65426
1070	890	7.65681
1075	890	7.65521
1080	890	7.64743
1085	890	7.64956
1090	890	7.65391
1095	890	7.65707
1100	890	7.65299
1105	890	7.65409
1110	890	7.65726
1115	890	7.65445
1120	890	7.65719
1125	890	7.65927

EM wavele nm	EX wavele nm	R1 MicroAmps
1130	890	7.65562
1135	890	7.65104
1140	890	7.65479
1145	890	7.65036
1150	890	7.65408
0	895	14.40361
5	895	14.39864
10	895	14.39935
15	895	14.40258
20	895	14.40373
25	895	14.39815
30	895	14.39921
35	895	14.4027
40	895	14.40102
45	895	14.39773
50	895	14.40246
55	895	14.39696
60	895	14.3976
65	895	14.39542
70	895	14.39857
75	895	14.39438
80	895	14.39071
85	895	14.39551
90	895	14.39106
95	895	14.3937
100	895	14.39033
105	895	14.40081
110	895	14.39756
115	895	14.39634
120	895	14.39701
125	895	14.39952
130	895	14.38929
135	895	14.39611
140	895	14.39539
145	895	14.39818
150	895	14.3924
155	895	14.39912
160	895	14.40144
165	895	14.39971
170	895	14.40225
175	895	14.40456
180	895	14.39812
185	895	14.395
190	895	14.39738
195	895	14.39525
200	895	14.39387
205	895	14.39435
210	895	14.39856
215	895	14.39487
220	895	14.39278
225	895	14.40087
230	895	14.39932
235	895	14.39162
240	895	14.39537
245	895	14.39253
250	895	14.39351
255	895	14.39324
260	895	14.39508
265	895	14.40117
270	895	14.40242
275	895	14.39744
280	895	14.40385
285	895	14.40147
290	895	14.40149

EM wavele nm	EX wavele nm	R1 MicroAmps
295	895	14.39545
300	895	14.39924
305	895	14.39381
310	895	14.39335
315	895	14.39319
320	895	14.39253
325	895	14.39248
330	895	14.39304
335	895	14.39777
340	895	14.39272
345	895	14.39859
350	895	14.40325
355	895	14.40623
360	895	14.39467
365	895	14.40499
370	895	14.40343
375	895	14.40624
380	895	14.40266
385	895	14.4078
390	895	14.40631
395	895	14.40264
400	895	14.40129
405	895	14.40538
410	895	14.3958
415	895	14.39965
420	895	14.40109
425	895	14.40207
430	895	14.40227
435	895	14.40305
440	895	14.40565
445	895	14.40367
450	895	14.40055
455	895	14.3994
460	895	14.39992
465	895	14.39629
470	895	14.40212
475	895	14.39872
480	895	14.39838
485	895	14.39621
490	895	14.3939
495	895	14.39661
500	895	14.39043
505	895	14.38938
510	895	14.40077
515	895	14.39305
520	895	14.38865
525	895	14.40235
530	895	14.39341
535	895	14.3915
540	895	14.39273
545	895	14.38773
550	895	14.39433
555	895	14.3852
560	895	14.3931
565	895	14.3918
570	895	14.38952
575	895	14.39117
580	895	14.3935
585	895	14.39151
590	895	14.40014
595	895	14.39781
600	895	14.40193
605	895	14.40096
610	895	14.38725

EM wavele nm	EX wavele nm	R1 MicroAmps
615	895	14.39453
620	895	14.39319
625	895	14.38932
630	895	14.39074
635	895	14.39547
640	895	14.39245
645	895	14.39457
650	895	14.38956
655	895	14.39269
660	895	14.39474
665	895	14.38986
670	895	14.39254
675	895	14.39339
680	895	14.39346
685	895	14.39544
690	895	14.39267
695	895	14.4026
700	895	14.39674
705	895	14.40008
710	895	14.3911
715	895	14.39574
720	895	14.39617
725	895	14.3865
730	895	14.39934
735	895	14.39356
740	895	14.394
745	895	14.3961
750	895	14.39873
755	895	14.39048
760	895	14.40147
765	895	14.39897
770	895	14.39769
775	895	14.39646
780	895	14.39297
785	895	14.40187
790	895	14.39785
795	895	14.39094
800	895	14.39895
805	895	14.39282
810	895	14.39589
815	895	14.38828
820	895	14.39421
825	895	14.39593
830	895	14.39356
835	895	14.39912
840	895	14.39063
845	895	14.39685
850	895	14.39226
855	895	14.39516
860	895	14.39303
865	895	14.3934
870	895	14.39392
875	895	14.40167
880	895	14.38967
885	895	14.39075
890	895	14.39123
895	895	14.39693
900	895	14.39355
905	895	14.38953
910	895	14.39675
915	895	14.39036
920	895	14.40091
925	895	14.39317
930	895	14.39699

EM wavele nm	EX wavele nm	R1 MicroAmps
935	895	14.40054
940	895	14.39739
945	895	14.3972
950	895	14.39592
955	895	14.39734
960	895	14.39362
965	895	14.39077
970	895	14.39896
975	895	14.39297
980	895	14.38824
985	895	14.39186
990	895	14.39536
995	895	14.39793
1000	895	14.40187
1005	895	14.39172
1010	895	14.39542
1015	895	14.39757
1020	895	14.40217
1025	895	14.39862
1030	895	14.39193
1035	895	14.39308
1040	895	14.38583
1045	895	14.38983
1050	895	14.38923
1055	895	14.39019
1060	895	14.38593
1065	895	14.39009
1070	895	14.39361
1075	895	14.39361
1080	895	14.39251
1085	895	14.39398
1090	895	14.38703
1095	895	14.39927
1100	895	14.39774
1105	895	14.40005
1110	895	14.3995
1115	895	14.39234
1120	895	14.39662
1125	895	14.39251
1130	895	14.39679
1135	895	14.39432
1140	895	14.39933
1145	895	14.39251
1150	895	14.38947
0	900	7.84223
5	900	7.84265
10	900	7.83989
15	900	7.83762
20	900	7.83947
25	900	7.84012
30	900	7.84059
35	900	7.83587
40	900	7.84475
45	900	7.83505
50	900	7.83809
55	900	7.84167
60	900	7.841
65	900	7.84085
70	900	7.8389
75	900	7.84301
80	900	7.83804
85	900	7.84026
90	900	7.84071
95	900	7.84616

EM wavele nm	EX wavele nm	R1 MicroAmps
100	900	7.84046
105	900	7.84289
110	900	7.84566
115	900	7.84234
120	900	7.83959
125	900	7.84531
130	900	7.83902
135	900	7.84231
140	900	7.83765
145	900	7.84091
150	900	7.84046
155	900	7.84077
160	900	7.84336
165	900	7.84033
170	900	7.84279
175	900	7.84175
180	900	7.84935
185	900	7.84126
190	900	7.84854
195	900	7.84634
200	900	7.84819
205	900	7.84149
210	900	7.84073
215	900	7.84339
220	900	7.83822
225	900	7.84501
230	900	7.83916
235	900	7.84482
240	900	7.84033
245	900	7.84278
250	900	7.83963
255	900	7.84827
260	900	7.8403
265	900	7.84475
270	900	7.84334
275	900	7.84321
280	900	7.84149
285	900	7.84069
290	900	7.84941
295	900	7.83875
300	900	7.84815
305	900	7.84097
310	900	7.8459
315	900	7.84339
320	900	7.83741
325	900	7.84221
330	900	7.84132
335	900	7.84167
340	900	7.83988
345	900	7.84373
350	900	7.8408
355	900	7.84181
360	900	7.8342
365	900	7.84025
370	900	7.83829
375	900	7.83728
380	900	7.84173
385	900	7.84211
390	900	7.85606
395	900	7.85035
400	900	7.85352
405	900	7.84712
410	900	7.84862
415	900	7.84426

EM wavele nm	EX wavele nm	R1 MicroAmps
420	900	7.8468
425	900	7.84294
430	900	7.84482
435	900	7.84693
440	900	7.84501
445	900	7.84875
450	900	7.84425
455	900	7.84339
460	900	7.84775
465	900	7.84547
470	900	7.84735
475	900	7.84289
480	900	7.84558
485	900	7.84623
490	900	7.84563
495	900	7.84648
500	900	7.84702
505	900	7.84748
510	900	7.8429
515	900	7.8411
520	900	7.84445
525	900	7.84329
530	900	7.84443
535	900	7.84489
540	900	7.84639
545	900	7.84552
550	900	7.84691
555	900	7.84603
560	900	7.84489
565	900	7.84538
570	900	7.84705
575	900	7.84388
580	900	7.84425
585	900	7.84434
590	900	7.84598
595	900	7.84534
600	900	7.84579
605	900	7.84541
610	900	7.84308
615	900	7.84779
620	900	7.84252
625	900	7.84199
630	900	7.84258
635	900	7.84562
640	900	7.83979
645	900	7.84207
650	900	7.84539
655	900	7.84443
660	900	7.84295
665	900	7.84268
670	900	7.84285
675	900	7.8399
680	900	7.84355
685	900	7.84097
690	900	7.83835
695	900	7.8422
700	900	7.84119
705	900	7.84163
710	900	7.83945
715	900	7.84038
720	900	7.84621
725	900	7.8427
730	900	7.84066
735	900	7.84782

EM wavele nm	EX wavele nm	R1 MicroAmps
740	900	7.84573
745	900	7.84769
750	900	7.84112
755	900	7.83994
760	900	7.84392
765	900	7.84045
770	900	7.84338
775	900	7.8425
780	900	7.84293
785	900	7.84651
790	900	7.84492
795	900	7.84391
800	900	7.84506
805	900	7.83961
810	900	7.8456
815	900	7.83726
820	900	7.83783
825	900	7.83896
830	900	7.84067
835	900	7.84089
840	900	7.83541
845	900	7.83976
850	900	7.84195
855	900	7.84424
860	900	7.84318
865	900	7.84127
870	900	7.84458
875	900	7.84128
880	900	7.84478
885	900	7.84376
890	900	7.84041
895	900	7.84389
900	900	7.84409
905	900	7.84538
910	900	7.84525
915	900	7.84919
920	900	7.84486
925	900	7.85097
930	900	7.84833
935	900	7.84463
940	900	7.84346
945	900	7.84563
950	900	7.84381
955	900	7.84238
960	900	7.83852
965	900	7.84117
970	900	7.8423
975	900	7.84774
980	900	7.84028
985	900	7.84081
990	900	7.84722
995	900	7.84117
1000	900	7.84304
1005	900	7.84064
1010	900	7.84609
1015	900	7.84366
1020	900	7.84145
1025	900	7.84526
1030	900	7.83887
1035	900	7.84265
1040	900	7.84265
1045	900	7.84116
1050	900	7.84521
1055	900	7.83554

EM wavele nm	EX wavele nm	R1 MicroAmps
1060	900	7.84164
1065	900	7.83974
1070	900	7.83629
1075	900	7.84022
1080	900	7.84077
1085	900	7.84263
1090	900	7.84125
1095	900	7.84538
1100	900	7.84225
1105	900	7.84462
1110	900	7.83847
1115	900	7.84088
1120	900	7.84093
1125	900	7.85137
1130	900	7.85246
1135	900	7.84706
1140	900	7.84979
1145	900	7.84381
1150	900	7.83949
0	905	13.79341
5	905	13.79378
10	905	13.79269
15	905	13.79482
20	905	13.79361
25	905	13.79035
30	905	13.79864
35	905	13.7923
40	905	13.79056
45	905	13.79666
50	905	13.79577
55	905	13.79489
60	905	13.79347
65	905	13.79733
70	905	13.79079
75	905	13.79031
80	905	13.79176
85	905	13.80025
90	905	13.79056
95	905	13.79887
100	905	13.8011
105	905	13.79201
110	905	13.79608
115	905	13.78795
120	905	13.79512
125	905	13.79271
130	905	13.7941
135	905	13.79289
140	905	13.80063
145	905	13.79469
150	905	13.79591
155	905	13.80221
160	905	13.79758
165	905	13.79615
170	905	13.79438
175	905	13.79491
180	905	13.79573
185	905	13.78698
190	905	13.78461
195	905	13.79329
200	905	13.79344
205	905	13.78795
210	905	13.79573
215	905	13.79339
220	905	13.79287

EM wavele nm	EX wavele nm	R1 MicroAmps
225	905	13.78901
230	905	13.7902
235	905	13.79507
240	905	13.79076
245	905	13.78541
250	905	13.79909
255	905	13.78903
260	905	13.78859
265	905	13.79434
270	905	13.79545
275	905	13.79166
280	905	13.79433
285	905	13.79302
290	905	13.79761
295	905	13.79029
300	905	13.79508
305	905	13.79668
310	905	13.79108
315	905	13.79902
320	905	13.79764
325	905	13.79502
330	905	13.79489
335	905	13.79898
340	905	13.79246
345	905	13.79447
350	905	13.79387
355	905	13.79932
360	905	13.79629
365	905	13.7919
370	905	13.79759
375	905	13.79668
380	905	13.79248
385	905	13.79467
390	905	13.79686
395	905	13.79641
400	905	13.79351
405	905	13.78892
410	905	13.80265
415	905	13.79139
420	905	13.78911
425	905	13.79547
430	905	13.79196
435	905	13.79433
440	905	13.79512
445	905	13.79551
450	905	13.79816
455	905	13.79487
460	905	13.79162
465	905	13.79381
470	905	13.78954
475	905	13.79106
480	905	13.79865
485	905	13.79457
490	905	13.79144
495	905	13.79655
500	905	13.79522
505	905	13.79888
510	905	13.79392
515	905	13.79019
520	905	13.79468
525	905	13.78745
530	905	13.78789
535	905	13.78996
540	905	13.78842

EM wavele nm	EX wavele nm	R1 MicroAmps
545	905	13.79132
550	905	13.79289
555	905	13.78754
560	905	13.79654
565	905	13.79377
570	905	13.79245
575	905	13.79486
580	905	13.78557
585	905	13.79499
590	905	13.79264
595	905	13.79443
600	905	13.79497
605	905	13.79426
610	905	13.80081
615	905	13.79727
620	905	13.80021
625	905	13.80018
630	905	13.79515
635	905	13.79295
640	905	13.7944
645	905	13.79774
650	905	13.79936
655	905	13.797
660	905	13.79393
665	905	13.79509
670	905	13.79818
675	905	13.7923
680	905	13.78927
685	905	13.79133
690	905	13.79263
695	905	13.78808
700	905	13.79197
705	905	13.79723
710	905	13.7925
715	905	13.79537
720	905	13.79329
725	905	13.7963
730	905	13.79937
735	905	13.79113
740	905	13.79692
745	905	13.79771
750	905	13.79768
755	905	13.79128
760	905	13.79049
765	905	13.799
770	905	13.79271
775	905	13.79641
780	905	13.79198
785	905	13.79141
790	905	13.79375
795	905	13.79639
800	905	13.79525
805	905	13.78942
810	905	13.79352
815	905	13.79355
820	905	13.79528
825	905	13.79584
830	905	13.79327
835	905	13.79721
840	905	13.79339
845	905	13.78998
850	905	13.79293
855	905	13.79275
860	905	13.78931

EM wavele nm	EX wavele nm	R1 MicroAmps
865	905	13.78356
870	905	13.7865
875	905	13.78906
880	905	13.79355
885	905	13.78985
890	905	13.78724
895	905	13.79206
900	905	13.79243
905	905	13.79444
910	905	13.787
915	905	13.78852
920	905	13.79303
925	905	13.79123
930	905	13.79549
935	905	13.79196
940	905	13.79598
945	905	13.7985
950	905	13.80086
955	905	13.79676
960	905	13.79117
965	905	13.79547
970	905	13.79768
975	905	13.79776
980	905	13.79263
985	905	13.7937
990	905	13.80044
995	905	13.79609
1000	905	13.7903
1005	905	13.78847
1010	905	13.79186
1015	905	13.79536
1020	905	13.79534
1025	905	13.79838
1030	905	13.79166
1035	905	13.78801
1040	905	13.80544
1045	905	13.79935
1050	905	13.80364
1055	905	13.81187
1060	905	13.81136
1065	905	13.80736
1070	905	13.80035
1075	905	13.80585
1080	905	13.80197
1085	905	13.8035
1090	905	13.80301
1095	905	13.80211
1100	905	13.7936
1105	905	13.79817
1110	905	13.80453
1115	905	13.80077
1120	905	13.80496
1125	905	13.80038
1130	905	13.80116
1135	905	13.80161
1140	905	13.79909
1145	905	13.79764
1150	905	13.80147
0	910	5.0079
5	910	5.00857
10	910	5.00784
15	910	5.00621
20	910	5.00886
25	910	5.0052

EM wavele nm	EX wavele nm	R1 MicroAmps
30	910	5.00249
35	910	5.00405
40	910	5.00283
45	910	5.00572
50	910	5.00251
55	910	5.00503
60	910	5.00483
65	910	5.00513
70	910	5.00372
75	910	5.00871
80	910	5.00765
85	910	5.00529
90	910	5.00894
95	910	5.00449
100	910	5.00551
105	910	5.00105
110	910	5.00078
115	910	5.00093
120	910	5.00109
125	910	5.0029
130	910	5.00416
135	910	5.00264
140	910	5.00371
145	910	5.0051
150	910	5.00097
155	910	5.00351
160	910	5.00504
165	910	5.0062
170	910	5.00516
175	910	5.00679
180	910	5.00679
185	910	5.0077
190	910	5.00281
195	910	5.00568
200	910	5.00646
205	910	5.00047
210	910	5.00412
215	910	5.00145
220	910	5.00085
225	910	5.00049
230	910	5.00281
235	910	5.0033
240	910	5.0045
245	910	5.00496
250	910	5.0041
255	910	5.00027
260	910	5.00377
265	910	5.00763
270	910	5.00629
275	910	5.00757
280	910	5.00642
285	910	5.00705
290	910	5.00579
295	910	5.00641
300	910	5.00392
305	910	5.00415
310	910	5.00243
315	910	5.00357
320	910	4.9992
325	910	5.00133
330	910	5.00282
335	910	5.00274
340	910	5.00351
345	910	5.00333

EM wavele nm	EX wavele nm	R1 MicroAmps
350	910	5.00452
355	910	5.0038
360	910	5.00481
365	910	5.00499
370	910	5.00725
375	910	5.00318
380	910	5.00631
385	910	5.00624
390	910	5.00777
395	910	5.00387
400	910	5.00599
405	910	5.00742
410	910	5.0034
415	910	5.00477
420	910	5.00417
425	910	5.00422
430	910	5.00014
435	910	5.00275
440	910	5.00631
445	910	5.0032
450	910	5.00346
455	910	5.00203
460	910	5.00562
465	910	5.00089
470	910	5.00598
475	910	5.00256
480	910	5.00289
485	910	4.99834
490	910	5.00159
495	910	5.00088
500	910	4.99942
505	910	5.00166
510	910	5.00253
515	910	4.9984
520	910	5.00039
525	910	5.00473
530	910	5.00196
535	910	5.00417
540	910	5.00149
545	910	5.00273
550	910	5.00195
555	910	5.00004
560	910	5.00334
565	910	5.00062
570	910	5.00227
575	910	5.00309
580	910	5.00255
585	910	4.99924
590	910	5.00438
595	910	5.00165
600	910	5.00234
605	910	5.00157
610	910	5.00264
615	910	5.00374
620	910	4.99724
625	910	5.00262
630	910	5.00369
635	910	5.00294
640	910	5.00085
645	910	5.00239
650	910	5.00449
655	910	5.00143
660	910	5.00181
665	910	4.99902

EM wavele nm	EX wavele nm	R1 MicroAmps
670	910	4.99797
675	910	5.0008
680	910	5.00219
685	910	5.00477
690	910	5.0066
695	910	5.00199
700	910	5.00481
705	910	5.0036
710	910	5.00169
715	910	5.00075
720	910	5.00328
725	910	5.00291
730	910	5.00224
735	910	5.00387
740	910	5.00279
745	910	5.0043
750	910	5.00652
755	910	5.00031
760	910	4.99912
765	910	5.00224
770	910	5.00129
775	910	5.00093
780	910	5.00016
785	910	5.00291
790	910	5.00654
795	910	5.00204
800	910	5.00241
805	910	5.00333
810	910	5.0024
815	910	5.00245
820	910	4.99963
825	910	4.99915
830	910	5.00187
835	910	4.99754
840	910	4.99617
845	910	4.99925
850	910	5.00016
855	910	5.00057
860	910	4.99779
865	910	5.00316
870	910	5.00133
875	910	5.00073
880	910	5.00035
885	910	4.99743
890	910	5.00372
895	910	5.00317
900	910	5.00263
905	910	5.0024
910	910	5.00314
915	910	5.00369
920	910	5.00079
925	910	5.00284
930	910	5.00172
935	910	5.00134
940	910	5.00207
945	910	5.00067
950	910	5.00072
955	910	5.00123
960	910	5.00324
965	910	5.00308
970	910	4.99763
975	910	5.0007
980	910	5.00027
985	910	5.00112

EM wavele nm	EX wavele nm	R1 MicroAmps
990	910	4.99599
995	910	4.99697
1000	910	5.0049
1005	910	5.00008
1010	910	5.00212
1015	910	5.00025
1020	910	5.00176
1025	910	5.00238
1030	910	5.00245
1035	910	5.00236
1040	910	4.99741
1045	910	4.99884
1050	910	5.00457
1055	910	5.00003
1060	910	5.00038
1065	910	5.00088
1070	910	5.00306
1075	910	5.00299
1080	910	5.00106
1085	910	5.00265
1090	910	5.00199
1095	910	4.99932
1100	910	5.0025
1105	910	5.00278
1110	910	5.00224
1115	910	5.00171
1120	910	4.99945
1125	910	4.99858
1130	910	5.00269
1135	910	5.00143
1140	910	5.0085
1145	910	5.00266
1150	910	5.00137
0	915	17.23156
5	915	17.22948
10	915	17.21902
15	915	17.22259
20	915	17.22216
25	915	17.22343
30	915	17.2254
35	915	17.21988
40	915	17.22614
45	915	17.22224
50	915	17.21813
55	915	17.22558
60	915	17.22091
65	915	17.21164
70	915	17.22061
75	915	17.22432
80	915	17.21753
85	915	17.22349
90	915	17.22714
95	915	17.21768
100	915	17.22523
105	915	17.22762
110	915	17.23244
115	915	17.21888
120	915	17.21899
125	915	17.22028
130	915	17.21848
135	915	17.22184
140	915	17.22465
145	915	17.22189
150	915	17.22074

EM wavele nm	EX wavele nm	R1 MicroAmps
155	915	17.22373
160	915	17.22083
165	915	17.22539
170	915	17.22383
175	915	17.22736
180	915	17.22413
185	915	17.2207
190	915	17.22306
195	915	17.2247
200	915	17.21938
205	915	17.21924
210	915	17.2285
215	915	17.22397
220	915	17.2321
225	915	17.2318
230	915	17.23153
235	915	17.22612
240	915	17.21809
245	915	17.23019
250	915	17.22195
255	915	17.22163
260	915	17.22263
265	915	17.22373
270	915	17.22741
275	915	17.22394
280	915	17.23061
285	915	17.22563
290	915	17.22391
295	915	17.22518
300	915	17.22768
305	915	17.22197
310	915	17.22229
315	915	17.22839
320	915	17.22239
325	915	17.22167
330	915	17.22227
335	915	17.21827
340	915	17.22152
345	915	17.22136
350	915	17.21877
355	915	17.22113
360	915	17.21783
365	915	17.21697
370	915	17.22193
375	915	17.21317
380	915	17.22511
385	915	17.23015
390	915	17.22814
395	915	17.22695
400	915	17.22686
405	915	17.22618
410	915	17.2297
415	915	17.21958
420	915	17.22246
425	915	17.22664
430	915	17.21458
435	915	17.23065
440	915	17.22791
445	915	17.21965
450	915	17.22816
455	915	17.22972
460	915	17.22492
465	915	17.22847
470	915	17.21695

EM wavele nm	EX wavele nm	R1 MicroAmps
475	915	17.22853
480	915	17.2236
485	915	17.2124
490	915	17.22229
495	915	17.21538
500	915	17.21803
505	915	17.22011
510	915	17.21733
515	915	17.22167
520	915	17.22127
525	915	17.21678
530	915	17.22765
535	915	17.22058
540	915	17.21858
545	915	17.22408
550	915	17.21474
555	915	17.2223
560	915	17.2161
565	915	17.22541
570	915	17.22106
575	915	17.21873
580	915	17.22145
585	915	17.22194
590	915	17.21832
595	915	17.21968
600	915	17.22108
605	915	17.21539
610	915	17.21563
615	915	17.21854
620	915	17.22573
625	915	17.22122
630	915	17.22311
635	915	17.22867
640	915	17.2247
645	915	17.22441
650	915	17.21526
655	915	17.22196
660	915	17.22386
665	915	17.21665
670	915	17.22475
675	915	17.21558
680	915	17.2201
685	915	17.21529
690	915	17.21301
695	915	17.22166
700	915	17.22436
705	915	17.21569
710	915	17.22
715	915	17.22199
720	915	17.21566
725	915	17.21866
730	915	17.21477
735	915	17.22257
740	915	17.21859
745	915	17.22035
750	915	17.21553
755	915	17.2217
760	915	17.22262
765	915	17.22456
770	915	17.21589
775	915	17.22886
780	915	17.21768
785	915	17.22088
790	915	17.21882

EM wavele nm	EX wavele nm	R1 MicroAmps
795	915	17.21697
800	915	17.23088
805	915	17.21858
810	915	17.23037
815	915	17.22382
820	915	17.22178
825	915	17.22289
830	915	17.2199
835	915	17.21737
840	915	17.21786
845	915	17.21858
850	915	17.22107
855	915	17.20568
860	915	17.22387
865	915	17.20773
870	915	17.22299
875	915	17.21566
880	915	17.22542
885	915	17.23046
890	915	17.21884
895	915	17.21471
900	915	17.21972
905	915	17.22182
910	915	17.22229
915	915	17.21961
920	915	17.22275
925	915	17.21813
930	915	17.22612
935	915	17.22872
940	915	17.22036
945	915	17.22329
950	915	17.22584
955	915	17.2185
960	915	17.217
965	915	17.21491
970	915	17.22185
975	915	17.21424
980	915	17.22387
985	915	17.21805
990	915	17.22701
995	915	17.22703
1000	915	17.21825
1005	915	17.20724
1010	915	17.22169
1015	915	17.21864
1020	915	17.22513
1025	915	17.22353
1030	915	17.22164
1035	915	17.22971
1040	915	17.22725
1045	915	17.23418
1050	915	17.22649
1055	915	17.22613
1060	915	17.22292
1065	915	17.22436
1070	915	17.21563
1075	915	17.21529
1080	915	17.22338
1085	915	17.21839
1090	915	17.21847
1095	915	17.22487
1100	915	17.22911
1105	915	17.21941
1110	915	17.21877

EM wavele nm	EX wavele nm	R1 MicroAmps
1115	915	17.22044
1120	915	17.22945
1125	915	17.22719
1130	915	17.23155
1135	915	17.22785
1140	915	17.22557
1145	915	17.21557
1150	915	17.22097
0	920	8.68329
5	920	8.67724
10	920	8.67984
15	920	8.68358
20	920	8.6809
25	920	8.67931
30	920	8.68579
35	920	8.68182
40	920	8.68094
45	920	8.67958
50	920	8.67953
55	920	8.68035
60	920	8.6815
65	920	8.68358
70	920	8.68238
75	920	8.67956
80	920	8.68271
85	920	8.686
90	920	8.68092
95	920	8.68318
100	920	8.68577
105	920	8.68259
110	920	8.6829
115	920	8.68697
120	920	8.68427
125	920	8.68696
130	920	8.68897
135	920	8.68791
140	920	8.68284
145	920	8.68191
150	920	8.68673
155	920	8.67551
160	920	8.67892
165	920	8.68387
170	920	8.67895
175	920	8.67936
180	920	8.68746
185	920	8.68564
190	920	8.68414
195	920	8.69069
200	920	8.68556
205	920	8.68906
210	920	8.67948
215	920	8.68076
220	920	8.68737
225	920	8.67637
230	920	8.68545
235	920	8.68273
240	920	8.68751
245	920	8.68277
250	920	8.69085
255	920	8.68951
260	920	8.69035
265	920	8.68396
270	920	8.68544
275	920	8.68677

EM wavele nm	EX wavele nm	R1 MicroAmps
280	920	8.68251
285	920	8.68261
290	920	8.68452
295	920	8.68816
300	920	8.68453
305	920	8.68612
310	920	8.68467
315	920	8.6836
320	920	8.68879
325	920	8.68863
330	920	8.68858
335	920	8.68752
340	920	8.68845
345	920	8.68905
350	920	8.68062
355	920	8.68032
360	920	8.69127
365	920	8.6858
370	920	8.68176
375	920	8.68815
380	920	8.68372
385	920	8.68382
390	920	8.68602
395	920	8.68493
400	920	8.68412
405	920	8.68315
410	920	8.68403
415	920	8.68919
420	920	8.686
425	920	8.68996
430	920	8.69134
435	920	8.68249
440	920	8.67862
445	920	8.68735
450	920	8.68193
455	920	8.68377
460	920	8.6852
465	920	8.68664
470	920	8.68694
475	920	8.68625
480	920	8.69139
485	920	8.68674
490	920	8.69017
495	920	8.68793
500	920	8.69428
505	920	8.68306
510	920	8.68861
515	920	8.69031
520	920	8.6898
525	920	8.68471
530	920	8.68988
535	920	8.68733
540	920	8.68406
545	920	8.68582
550	920	8.68719
555	920	8.68737
560	920	8.68692
565	920	8.6898
570	920	8.68745
575	920	8.68624
580	920	8.68615
585	920	8.68984
590	920	8.68647
595	920	8.68645

EM wavele nm	EX wavele nm	R1 MicroAmps
600	920	8.68687
605	920	8.68557
610	920	8.68044
615	920	8.68559
620	920	8.68905
625	920	8.68799
630	920	8.68881
635	920	8.6888
640	920	8.68812
645	920	8.68969
650	920	8.68476
655	920	8.68678
660	920	8.6906
665	920	8.68713
670	920	8.68631
675	920	8.69323
680	920	8.68725
685	920	8.68565
690	920	8.69349
695	920	8.68901
700	920	8.68495
705	920	8.68694
710	920	8.68782
715	920	8.68604
720	920	8.68794
725	920	8.68439
730	920	8.68546
735	920	8.68763
740	920	8.68412
745	920	8.69451
750	920	8.6863
755	920	8.68732
760	920	8.68637
765	920	8.68761
770	920	8.68884
775	920	8.69127
780	920	8.68726
785	920	8.68831
790	920	8.69282
795	920	8.69067
800	920	8.68224
805	920	8.68806
810	920	8.68968
815	920	8.68916
820	920	8.68281
825	920	8.68816
830	920	8.68806
835	920	8.68916
840	920	8.68718
845	920	8.6876
850	920	8.69034
855	920	8.69405
860	920	8.68885
865	920	8.68911
870	920	8.68668
875	920	8.69143
880	920	8.68774
885	920	8.68574
890	920	8.68778
895	920	8.6908
900	920	8.69174
905	920	8.68355
910	920	8.69081
915	920	8.68926

EM wavele nm	EX wavele nm	R1 MicroAmps
920	920	8.6891
925	920	8.68386
930	920	8.68437
935	920	8.69489
940	920	8.68759
945	920	8.68835
950	920	8.69141
955	920	8.69135
960	920	8.69266
965	920	8.69079
970	920	8.6911
975	920	8.6892
980	920	8.69086
985	920	8.69127
990	920	8.68579
995	920	8.68922
1000	920	8.68832
1005	920	8.69119
1010	920	8.68773
1015	920	8.68382
1020	920	8.6915
1025	920	8.68658
1030	920	8.6881
1035	920	8.68721
1040	920	8.68396
1045	920	8.69313
1050	920	8.68971
1055	920	8.69117
1060	920	8.68826
1065	920	8.68485
1070	920	8.6936
1075	920	8.69334
1080	920	8.68746
1085	920	8.68827
1090	920	8.68741
1095	920	8.69282
1100	920	8.69345
1105	920	8.68579
1110	920	8.69076
1115	920	8.68277
1120	920	8.6865
1125	920	8.68538
1130	920	8.68587
1135	920	8.68312
1140	920	8.68209
1145	920	8.6835
1150	920	8.69237
0	925	4.06028
5	925	4.05768
10	925	4.06181
15	925	4.06104
20	925	4.06011
25	925	4.0599
30	925	4.0626
35	925	4.06219
40	925	4.0614
45	925	4.06192
50	925	4.06139
55	925	4.06093
60	925	4.05732
65	925	4.06117
70	925	4.05892
75	925	4.05912
80	925	4.06031

EM wavele nm	EX wavele nm	R1 MicroAmps
85	925	4.06008
90	925	4.06056
95	925	4.05919
100	925	4.05818
105	925	4.0612
110	925	4.05853
115	925	4.0559
120	925	4.05934
125	925	4.05649
130	925	4.05949
135	925	4.0611
140	925	4.06158
145	925	4.06153
150	925	4.06315
155	925	4.06169
160	925	4.06332
165	925	4.05868
170	925	4.06104
175	925	4.06044
180	925	4.06015
185	925	4.0635
190	925	4.0627
195	925	4.06116
200	925	4.06227
205	925	4.06405
210	925	4.06187
215	925	4.06164
220	925	4.05905
225	925	4.06144
230	925	4.05829
235	925	4.05575
240	925	4.05962
245	925	4.05908
250	925	4.05668
255	925	4.06046
260	925	4.05907
265	925	4.06312
270	925	4.06141
275	925	4.06152
280	925	4.0633
285	925	4.06236
290	925	4.06138
295	925	4.06375
300	925	4.05896
305	925	4.06036
310	925	4.06054
315	925	4.0609
320	925	4.06018
325	925	4.06206
330	925	4.05942
335	925	4.06235
340	925	4.06039
345	925	4.05931
350	925	4.06091
355	925	4.05902
360	925	4.05992
365	925	4.06171
370	925	4.05912
375	925	4.06167
380	925	4.06161
385	925	4.06186
390	925	4.06307
395	925	4.06125
400	925	4.06274

EM wavele nm	EX wavele nm	R1 MicroAmps
405	925	4.06363
410	925	4.06235
415	925	4.0637
420	925	4.06373
425	925	4.06193
430	925	4.0604
435	925	4.06183
440	925	4.0604
445	925	4.06042
450	925	4.06114
455	925	4.06345
460	925	4.06238
465	925	4.06181
470	925	4.0621
475	925	4.06153
480	925	4.06048
485	925	4.06074
490	925	4.05904
495	925	4.0625
500	925	4.05889
505	925	4.06182
510	925	4.06274
515	925	4.06322
520	925	4.06015
525	925	4.06109
530	925	4.06015
535	925	4.05807
540	925	4.06099
545	925	4.06123
550	925	4.06014
555	925	4.06034
560	925	4.06172
565	925	4.06026
570	925	4.06123
575	925	4.0606
580	925	4.06004
585	925	4.05838
590	925	4.059
595	925	4.06224
600	925	4.0609
605	925	4.06142
610	925	4.06012
615	925	4.06324
620	925	4.06062
625	925	4.06104
630	925	4.06306
635	925	4.06197
640	925	4.06466
645	925	4.06023
650	925	4.06288
655	925	4.06327
660	925	4.06045
665	925	4.06233
670	925	4.06212
675	925	4.06023
680	925	4.05997
685	925	4.06227
690	925	4.06319
695	925	4.06173
700	925	4.06167
705	925	4.06214
710	925	4.05935
715	925	4.06224
720	925	4.0606

EM wavele nm	EX wavele nm	R1 MicroAmps
725	925	4.05942
730	925	4.06318
735	925	4.06024
740	925	4.05998
745	925	4.0602
750	925	4.06103
755	925	4.06199
760	925	4.06062
765	925	4.06207
770	925	4.06192
775	925	4.0666
780	925	4.06312
785	925	4.0636
790	925	4.06421
795	925	4.06303
800	925	4.06351
805	925	4.06396
810	925	4.06265
815	925	4.06322
820	925	4.06547
825	925	4.06344
830	925	4.06213
835	925	4.06436
840	925	4.06357
845	925	4.06245
850	925	4.06082
855	925	4.06123
860	925	4.06064
865	925	4.05895
870	925	4.06157
875	925	4.0605
880	925	4.06109
885	925	4.06314
890	925	4.05956
895	925	4.06215
900	925	4.06338
905	925	4.06239
910	925	4.06186
915	925	4.06191
920	925	4.06358
925	925	4.0596
930	925	4.06353
935	925	4.06202
940	925	4.06171
945	925	4.06082
950	925	4.05875
955	925	4.06071
960	925	4.06228
965	925	4.0619
970	925	4.05958
975	925	4.05756
980	925	4.05819
985	925	4.0602
990	925	4.059
995	925	4.05902
1000	925	4.06072
1005	925	4.06095
1010	925	4.06213
1015	925	4.05968
1020	925	4.05798
1025	925	4.0634
1030	925	4.06037
1035	925	4.05985
1040	925	4.06072

EM wavele nm	EX wavele nm	R1 MicroAmps
1045	925	4.05901
1050	925	4.06012
1055	925	4.06105
1060	925	4.05852
1065	925	4.06056
1070	925	4.05953
1075	925	4.06226
1080	925	4.05966
1085	925	4.05832
1090	925	4.05879
1095	925	4.06045
1100	925	4.06144
1105	925	4.06093
1110	925	4.05977
1115	925	4.0591
1120	925	4.05824
1125	925	4.05791
1130	925	4.06024
1135	925	4.05847
1140	925	4.05922
1145	925	4.0576
1150	925	4.05912
0	930	3.60189
5	930	3.60358
10	930	3.60222
15	930	3.60384
20	930	3.60311
25	930	3.60184
30	930	3.60243
35	930	3.60267
40	930	3.60242
45	930	3.60221
50	930	3.60761
55	930	3.60611
60	930	3.60523
65	930	3.60536
70	930	3.60556
75	930	3.60383
80	930	3.6037
85	930	3.60318
90	930	3.60361
95	930	3.60364
100	930	3.60238
105	930	3.60366
110	930	3.60359
115	930	3.60336
120	930	3.60295
125	930	3.60388
130	930	3.60218
135	930	3.60415
140	930	3.60609
145	930	3.60449
150	930	3.60291
155	930	3.60466
160	930	3.60333
165	930	3.6029
170	930	3.60449
175	930	3.60261
180	930	3.60411
185	930	3.6035
190	930	3.60226
195	930	3.60387
200	930	3.6039
205	930	3.6004

EM wavele nm	EX wavele nm	R1 MicroAmps
210	930	3.60411
215	930	3.60399
220	930	3.59994
225	930	3.60433
230	930	3.60048
235	930	3.60148
240	930	3.60163
245	930	3.60378
250	930	3.60364
255	930	3.6037
260	930	3.60252
265	930	3.60434
270	930	3.59981
275	930	3.60228
280	930	3.60164
285	930	3.60079
290	930	3.60225
295	930	3.60198
300	930	3.60061
305	930	3.60231
310	930	3.60248
315	930	3.60265
320	930	3.6034
325	930	3.60056
330	930	3.59996
335	930	3.60276
340	930	3.60029
345	930	3.60343
350	930	3.60368
355	930	3.60329
360	930	3.60386
365	930	3.60386
370	930	3.60424
375	930	3.60266
380	930	3.6023
385	930	3.60264
390	930	3.60039
395	930	3.60162
400	930	3.60373
405	930	3.6018
410	930	3.6026
415	930	3.60325
420	930	3.6021
425	930	3.60353
430	930	3.6033
435	930	3.60275
440	930	3.60307
445	930	3.60161
450	930	3.60266
455	930	3.60327
460	930	3.60108
465	930	3.60225
470	930	3.60279
475	930	3.59961
480	930	3.6036
485	930	3.60067
490	930	3.60334
495	930	3.60211
500	930	3.60345
505	930	3.60389
510	930	3.60203
515	930	3.6026
520	930	3.60338
525	930	3.60272

EM wavele nm	EX wavele nm	R1 MicroAmps
530	930	3.60103
535	930	3.60393
540	930	3.6022
545	930	3.60115
550	930	3.60231
555	930	3.60133
560	930	3.59987
565	930	3.60175
570	930	3.60137
575	930	3.6037
580	930	3.60173
585	930	3.60366
590	930	3.60451
595	930	3.60442
600	930	3.6019
605	930	3.60347
610	930	3.60206
615	930	3.59942
620	930	3.60164
625	930	3.60243
630	930	3.60032
635	930	3.60097
640	930	3.60212
645	930	3.60068
650	930	3.60266
655	930	3.60127
660	930	3.6039
665	930	3.60064
670	930	3.60077
675	930	3.60388
680	930	3.60101
685	930	3.59934
690	930	3.60106
695	930	3.59991
700	930	3.60207
705	930	3.60023
710	930	3.60232
715	930	3.60107
720	930	3.60217
725	930	3.60324
730	930	3.60046
735	930	3.60229
740	930	3.60426
745	930	3.60073
750	930	3.60045
755	930	3.60044
760	930	3.60011
765	930	3.59912
770	930	3.59965
775	930	3.59978
780	930	3.60199
785	930	3.60469
790	930	3.60296
795	930	3.60154
800	930	3.6076
805	930	3.6058
810	930	3.6055
815	930	3.60574
820	930	3.60651
825	930	3.6046
830	930	3.60561
835	930	3.60534
840	930	3.60462
845	930	3.60554

EM wavele nm	EX wavele nm	R1 MicroAmps
850	930	3.60537
855	930	3.60309
860	930	3.60323
865	930	3.60488
870	930	3.60268
875	930	3.60225
880	930	3.6038
885	930	3.60307
890	930	3.60377
895	930	3.60208
900	930	3.60074
905	930	3.59917
910	930	3.60175
915	930	3.60001
920	930	3.60029
925	930	3.60257
930	930	3.60293
935	930	3.6031
940	930	3.60406
945	930	3.60289
950	930	3.60262
955	930	3.60176
960	930	3.60407
965	930	3.62263
970	930	3.6226
975	930	3.62549
980	930	3.62165
985	930	3.62088
990	930	3.61692
995	930	3.6101
1000	930	3.60557
1005	930	3.60284
1010	930	3.60252
1015	930	3.60143
1020	930	3.60503
1025	930	3.60524
1030	930	3.60268
1035	930	3.60343
1040	930	3.60379
1045	930	3.60159
1050	930	3.60422
1055	930	3.60405
1060	930	3.60491
1065	930	3.60433
1070	930	3.61191
1075	930	3.61937
1080	930	3.61755
1085	930	3.6157
1090	930	3.6102
1095	930	3.60663
1100	930	3.6056
1105	930	3.60402
1110	930	3.60179
1115	930	3.60304
1120	930	3.60168
1125	930	3.60182
1130	930	3.60088
1135	930	3.59964
1140	930	3.60148
1145	930	3.60245
1150	930	3.6027
0	935	5.03089
5	935	5.03344
10	935	5.03029

EM wavele nm	EX wavele nm	R1 MicroAmps
15	935	5.03158
20	935	5.03328
25	935	5.03185
30	935	5.03304
35	935	5.03119
40	935	5.03308
45	935	5.03365
50	935	5.03276
55	935	5.03472
60	935	5.03337
65	935	5.03238
70	935	5.03415
75	935	5.0325
80	935	5.03106
85	935	5.03283
90	935	5.03367
95	935	5.03159
100	935	5.03398
105	935	5.03356
110	935	5.03479
115	935	5.03452
120	935	5.03317
125	935	5.03517
130	935	5.03257
135	935	5.03068
140	935	5.03661
145	935	5.03271
150	935	5.03244
155	935	5.0333
160	935	5.03171
165	935	5.03359
170	935	5.0326
175	935	5.03186
180	935	5.03538
185	935	5.03203
190	935	5.0324
195	935	5.03643
200	935	5.03226
205	935	5.03202
210	935	5.03542
215	935	5.032
220	935	5.03327
225	935	5.03541
230	935	5.02954
235	935	5.03471
240	935	5.03544
245	935	5.03501
250	935	5.03739
255	935	5.03538
260	935	5.03563
265	935	5.03408
270	935	5.03169
275	935	5.03453
280	935	5.03102
285	935	5.03156
290	935	5.03411
295	935	5.03294
300	935	5.03576
305	935	5.0354
310	935	5.03151
315	935	5.03909
320	935	5.03293
325	935	5.0328
330	935	5.03646

EM wavele nm	EX wavele nm	R1 MicroAmps
335	935	5.03091
340	935	5.03356
345	935	5.03202
350	935	5.03345
355	935	5.03256
360	935	5.03165
365	935	5.03374
370	935	5.03472
375	935	5.03089
380	935	5.03339
385	935	5.03132
390	935	5.03155
395	935	5.03049
400	935	5.03241
405	935	5.032
410	935	5.03073
415	935	5.0315
420	935	5.03464
425	935	5.03213
430	935	5.03441
435	935	5.03402
440	935	5.03408
445	935	5.03593
450	935	5.03154
455	935	5.03458
460	935	5.03544
465	935	5.03382
470	935	5.03549
475	935	5.03475
480	935	5.03577
485	935	5.03711
490	935	5.03426
495	935	5.03821
500	935	5.03677
505	935	5.03514
510	935	5.03638
515	935	5.0347
520	935	5.03314
525	935	5.03749
530	935	5.03368
535	935	5.03542
540	935	5.03445
545	935	5.0322
550	935	5.03372
555	935	5.03331
560	935	5.0357
565	935	5.03467
570	935	5.03582
575	935	5.03235
580	935	5.03367
585	935	5.03352
590	935	5.03133
595	935	5.03193
600	935	5.03044
605	935	5.03561
610	935	5.03132
615	935	5.03519
620	935	5.03735
625	935	5.0353
630	935	5.03739
635	935	5.03292
640	935	5.03822
645	935	5.0342
650	935	5.03526

EM wavele nm	EX wavele nm	R1 MicroAmps
655	935	5.03585
660	935	5.03681
665	935	5.03464
670	935	5.03407
675	935	5.03365
680	935	5.03448
685	935	5.03474
690	935	5.0297
695	935	5.03338
700	935	5.03352
705	935	5.03288
710	935	5.03399
715	935	5.03343
720	935	5.03549
725	935	5.03133
730	935	5.03546
735	935	5.03438
740	935	5.03295
745	935	5.03495
750	935	5.03202
755	935	5.03257
760	935	5.03368
765	935	5.03172
770	935	5.03168
775	935	5.03301
780	935	5.03476
785	935	5.03614
790	935	5.0341
795	935	5.03495
800	935	5.03606
805	935	5.03679
810	935	5.03541
815	935	5.03262
820	935	5.0352
825	935	5.03642
830	935	5.03525
835	935	5.03463
840	935	5.03287
845	935	5.03514
850	935	5.03098
855	935	5.03518
860	935	5.03248
865	935	5.03247
870	935	5.03639
875	935	5.03324
880	935	5.03461
885	935	5.03658
890	935	5.03379
895	935	5.03211
900	935	5.03338
905	935	5.03301
910	935	5.03518
915	935	5.0333
920	935	5.0369
925	935	5.03298
930	935	5.04393
935	935	5.04172
940	935	5.03965
945	935	5.03836
950	935	5.03897
955	935	5.03733
960	935	5.03937
965	935	5.03826
970	935	5.03969

EM wavele nm	EX wavele nm	R1 MicroAmps
975	935	5.03574
980	935	5.04173
985	935	5.03573
990	935	5.03476
995	935	5.03832
1000	935	5.03611
1005	935	5.0395
1010	935	5.03656
1015	935	5.03926
1020	935	5.03836
1025	935	5.03563
1030	935	5.03866
1035	935	5.03527
1040	935	5.03532
1045	935	5.03873
1050	935	5.03546
1055	935	5.03785
1060	935	5.03623
1065	935	5.03836
1070	935	5.0362
1075	935	5.03513
1080	935	5.03669
1085	935	5.03805
1090	935	5.03637
1095	935	5.03623
1100	935	5.03388
1105	935	5.03587
1110	935	5.03445
1115	935	5.03761
1120	935	5.03628
1125	935	5.03911
1130	935	5.03382
1135	935	5.03816
1140	935	5.03597
1145	935	5.03968
1150	935	5.03725
0	940	6.59429
5	940	6.59968
10	940	6.59932
15	940	6.59751
20	940	6.59009
25	940	6.59388
30	940	6.58568
35	940	6.59069
40	940	6.59003
45	940	6.58964
50	940	6.58914
55	940	6.58964
60	940	6.59024
65	940	6.59133
70	940	6.59427
75	940	6.59138
80	940	6.59294
85	940	6.58385
90	940	6.58967
95	940	6.58318
100	940	6.58463
105	940	6.58455
110	940	6.58689
115	940	6.58496
120	940	6.58163
125	940	6.58465
130	940	6.58809
135	940	6.5817

EM wavele nm	EX wavele nm	R1 MicroAmps
140	940	6.58041
145	940	6.5836
150	940	6.58922
155	940	6.58645
160	940	6.59299
165	940	6.59254
170	940	6.59918
175	940	6.59394
180	940	6.5894
185	940	6.59321
190	940	6.5888
195	940	6.58767
200	940	6.58845
205	940	6.58787
210	940	6.58424
215	940	6.58408
220	940	6.58206
225	940	6.58616
230	940	6.58209
235	940	6.58746
240	940	6.5905
245	940	6.59406
250	940	6.59357
255	940	6.59365
260	940	6.5928
265	940	6.58797
270	940	6.58972
275	940	6.589
280	940	6.59663
285	940	6.58841
290	940	6.58942
295	940	6.58962
300	940	6.58812
305	940	6.59006
310	940	6.58933
315	940	6.59214
320	940	6.58905
325	940	6.59115
330	940	6.58407
335	940	6.5895
340	940	6.59118
345	940	6.58985
350	940	6.58813
355	940	6.58825
360	940	6.59029
365	940	6.59226
370	940	6.58726
375	940	6.58714
380	940	6.58603
385	940	6.58197
390	940	6.58295
395	940	6.5794
400	940	6.58275
405	940	6.58355
410	940	6.58004
415	940	6.58095
420	940	6.58472
425	940	6.58225
430	940	6.58001
435	940	6.58227
440	940	6.57956
445	940	6.58163
450	940	6.57903
455	940	6.57748

EM wavele nm	EX wavele nm	R1 MicroAmps
460	940	6.58036
465	940	6.5803
470	940	6.58253
475	940	6.59152
480	940	6.58675
485	940	6.58457
490	940	6.58101
495	940	6.57747
500	940	6.58557
505	940	6.58338
510	940	6.58508
515	940	6.58614
520	940	6.58894
525	940	6.58896
530	940	6.59031
535	940	6.5917
540	940	6.58892
545	940	6.58716
550	940	6.5904
555	940	6.59184
560	940	6.59108
565	940	6.59176
570	940	6.59153
575	940	6.5852
580	940	6.58544
585	940	6.58518
590	940	6.58069
595	940	6.58264
600	940	6.58537
605	940	6.5893
610	940	6.58615
615	940	6.59403
620	940	6.59137
625	940	6.59667
630	940	6.58835
635	940	6.58926
640	940	6.58462
645	940	6.5858
650	940	6.58952
655	940	6.58298
660	940	6.58546
665	940	6.5845
670	940	6.58582
675	940	6.58606
680	940	6.5857
685	940	6.58677
690	940	6.58407
695	940	6.58155
700	940	6.58361
705	940	6.58617
710	940	6.58195
715	940	6.58382
720	940	6.58424
725	940	6.58745
730	940	6.58788
735	940	6.58831
740	940	6.5914
745	940	6.58656
750	940	6.5917
755	940	6.59147
760	940	6.5874
765	940	6.58967
770	940	6.58268
775	940	6.58802

EM wavele nm	EX wavele nm	R1 MicroAmps
780	940	6.57753
785	940	6.58548
790	940	6.58754
795	940	6.58038
800	940	6.58549
805	940	6.57762
810	940	6.58494
815	940	6.58208
820	940	6.58243
825	940	6.58123
830	940	6.57972
835	940	6.58106
840	940	6.57822
845	940	6.58512
850	940	6.58518
855	940	6.5902
860	940	6.58676
865	940	6.58945
870	940	6.58855
875	940	6.5821
880	940	6.58139
885	940	6.58871
890	940	6.5931
895	940	6.58974
900	940	6.59172
905	940	6.59038
910	940	6.58742
915	940	6.58789
920	940	6.58679
925	940	6.58634
930	940	6.58551
935	940	6.58577
940	940	6.5917
945	940	6.58557
950	940	6.58779
955	940	6.58617
960	940	6.58495
965	940	6.58598
970	940	6.58439
975	940	6.58851
980	940	6.58602
985	940	6.58806
990	940	6.58904
995	940	6.58617
1000	940	6.58698
1005	940	6.58826
1010	940	6.58787
1015	940	6.58574
1020	940	6.58358
1025	940	6.5889
1030	940	6.58452
1035	940	6.58574
1040	940	6.58523
1045	940	6.58404
1050	940	6.58799
1055	940	6.58754
1060	940	6.59213
1065	940	6.58604
1070	940	6.58508
1075	940	6.58395
1080	940	6.58462
1085	940	6.59065
1090	940	6.58453
1095	940	6.58857

EM wavele nm	EX wavele nm	R1 MicroAmps
1100	940	6.59383
1105	940	6.59454
1110	940	6.59111
1115	940	6.5842
1120	940	6.58721
1125	940	6.58392
1130	940	6.58555
1135	940	6.58405
1140	940	6.58481
1145	940	6.58271
1150	940	6.57894
0	945	5.62582
5	945	5.62454
10	945	5.61999
15	945	5.61954
20	945	5.6209
25	945	5.61976
30	945	5.62028
35	945	5.61976
40	945	5.62549
45	945	5.62304
50	945	5.62376
55	945	5.62525
60	945	5.62891
65	945	5.62852
70	945	5.62789
75	945	5.62744
80	945	5.63082
85	945	5.62857
90	945	5.62874
95	945	5.62761
100	945	5.62664
105	945	5.63276
110	945	5.63335
115	945	5.63647
120	945	5.63179
125	945	5.63233
130	945	5.63182
135	945	5.62717
140	945	5.62523
145	945	5.62323
150	945	5.62204
155	945	5.62411
160	945	5.62012
165	945	5.62594
170	945	5.62757
175	945	5.62719
180	945	5.63333
185	945	5.63119
190	945	5.63282
195	945	5.62766
200	945	5.63175
205	945	5.63129
210	945	5.63251
215	945	5.63117
220	945	5.63264
225	945	5.63481
230	945	5.63404
235	945	5.62903
240	945	5.628
245	945	5.62773
250	945	5.62462
255	945	5.62635
260	945	5.62471

EM wavele nm	EX wavele nm	R1 MicroAmps
265	945	5.6279
270	945	5.62835
275	945	5.62773
280	945	5.62524
285	945	5.6245
290	945	5.62475
295	945	5.62978
300	945	5.62869
305	945	5.62994
310	945	5.62816
315	945	5.62645
320	945	5.62592
325	945	5.62561
330	945	5.62864
335	945	5.62173
340	945	5.62689
345	945	5.62877
350	945	5.63182
355	945	5.63353
360	945	5.63478
365	945	5.63313
370	945	5.62834
375	945	5.62513
380	945	5.62509
385	945	5.62751
390	945	5.62302
395	945	5.62405
400	945	5.62508
405	945	5.62518
410	945	5.6263
415	945	5.63044
420	945	5.62199
425	945	5.63157
430	945	5.62433
435	945	5.63072
440	945	5.62974
445	945	5.63102
450	945	5.62775
455	945	5.62524
460	945	5.6288
465	945	5.62745
470	945	5.62537
475	945	5.62324
480	945	5.63027
485	945	5.62703
490	945	5.63013
495	945	5.63002
500	945	5.6323
505	945	5.62784
510	945	5.62998
515	945	5.62403
520	945	5.63105
525	945	5.62821
530	945	5.62559
535	945	5.62486
540	945	5.62366
545	945	5.61971
550	945	5.62428
555	945	5.62621
560	945	5.61989
565	945	5.62308
570	945	5.62197
575	945	5.63021
580	945	5.62757

EM wavele nm	EX wavele nm	R1 MicroAmps
585	945	5.62771
590	945	5.62793
595	945	5.63045
600	945	5.62829
605	945	5.63156
610	945	5.62969
615	945	5.6243
620	945	5.62799
625	945	5.62633
630	945	5.63185
635	945	5.63006
640	945	5.62875
645	945	5.63033
650	945	5.62621
655	945	5.62707
660	945	5.62634
665	945	5.62382
670	945	5.62447
675	945	5.62865
680	945	5.62875
685	945	5.62439
690	945	5.62461
695	945	5.62339
700	945	5.62536
705	945	5.62644
710	945	5.62749
715	945	5.62739
720	945	5.62757
725	945	5.62637
730	945	5.62166
735	945	5.62353
740	945	5.62427
745	945	5.62396
750	945	5.62862
755	945	5.61985
760	945	5.62405
765	945	5.62008
770	945	5.62667
775	945	5.63253
780	945	5.63341
785	945	5.6347
790	945	5.62744
795	945	5.6245
800	945	5.6217
805	945	5.62692
810	945	5.62589
815	945	5.62499
820	945	5.63132
825	945	5.63139
830	945	5.63099
835	945	5.62907
840	945	5.62632
845	945	5.62482
850	945	5.62885
855	945	5.62635
860	945	5.62302
865	945	5.62766
870	945	5.62345
875	945	5.62514
880	945	5.62423
885	945	5.62468
890	945	5.62704
895	945	5.62628
900	945	5.62288

EM wavele nm	EX wavele nm	R1 MicroAmps
905	945	5.62251
910	945	5.63312
915	945	5.62502
920	945	5.62655
925	945	5.62558
930	945	5.62486
935	945	5.63166
940	945	5.62922
945	945	5.62999
950	945	5.62642
955	945	5.62457
960	945	5.62336
965	945	5.62068
970	945	5.62254
975	945	5.62763
980	945	5.62752
985	945	5.62962
990	945	5.63202
995	945	5.63442
1000	945	5.63167
1005	945	5.63152
1010	945	5.6288
1015	945	5.62269
1020	945	5.63005
1025	945	5.62873
1030	945	5.62828
1035	945	5.62845
1040	945	5.63035
1045	945	5.63111
1050	945	5.6272
1055	945	5.62312
1060	945	5.62335
1065	945	5.62474
1070	945	5.62624
1075	945	5.62438
1080	945	5.6283
1085	945	5.62826
1090	945	5.62175
1095	945	5.62444
1100	945	5.62077
1105	945	5.62555
1110	945	5.62587
1115	945	5.62585
1120	945	5.62726
1125	945	5.63147
1130	945	5.63504
1135	945	5.63236
1140	945	5.63404
1145	945	5.63014
1150	945	5.63015
0	950	6.09824
5	950	6.10076
10	950	6.09439
15	950	6.09635
20	950	6.09427
25	950	6.09388
30	950	6.09064
35	950	6.08523
40	950	6.08974
45	950	6.09099
50	950	6.09167
55	950	6.09375
60	950	6.0949
65	950	6.10011

EM wavele nm	EX wavele nm	R1 MicroAmps
70	950	6.10261
75	950	6.10298
80	950	6.1018
85	950	6.10195
90	950	6.09163
95	950	6.09206
100	950	6.08896
105	950	6.0895
110	950	6.08731
115	950	6.09018
120	950	6.08893
125	950	6.09336
130	950	6.09685
135	950	6.09943
140	950	6.09886
145	950	6.09855
150	950	6.10182
155	950	6.09568
160	950	6.10097
165	950	6.09565
170	950	6.09609
175	950	6.0957
180	950	6.09575
185	950	6.09778
190	950	6.0978
195	950	6.09516
200	950	6.0888
205	950	6.09213
210	950	6.0902
215	950	6.09338
220	950	6.09067
225	950	6.09219
230	950	6.09273
235	950	6.09814
240	950	6.09386
245	950	6.09835
250	950	6.09284
255	950	6.09452
260	950	6.09521
265	950	6.0939
270	950	6.09342
275	950	6.09381
280	950	6.09345
285	950	6.09422
290	950	6.0955
295	950	6.09491
300	950	6.09645
305	950	6.09362
310	950	6.09828
315	950	6.09291
320	950	6.09815
325	950	6.09143
330	950	6.09673
335	950	6.09247
340	950	6.09261
345	950	6.09121
350	950	6.09145
355	950	6.09566
360	950	6.0905
365	950	6.09394
370	950	6.08918
375	950	6.09653
380	950	6.08782
385	950	6.09235

EM wavele nm	EX wavele nm	R1 MicroAmps
390	950	6.0886
395	950	6.09144
400	950	6.09312
405	950	6.09001
410	950	6.09129
415	950	6.08942
420	950	6.09144
425	950	6.086
430	950	6.08888
435	950	6.08867
440	950	6.09021
445	950	6.08596
450	950	6.09486
455	950	6.09231
460	950	6.09399
465	950	6.0947
470	950	6.09473
475	950	6.09355
480	950	6.09124
485	950	6.09331
490	950	6.09175
495	950	6.09631
500	950	6.09298
505	950	6.09853
510	950	6.09312
515	950	6.09629
520	950	6.09476
525	950	6.09299
530	950	6.09359
535	950	6.09309
540	950	6.09564
545	950	6.09143
550	950	6.09649
555	950	6.09379
560	950	6.09928
565	950	6.09389
570	950	6.09651
575	950	6.09219
580	950	6.09798
585	950	6.09163
590	950	6.09396
595	950	6.0952
600	950	6.08712
605	950	6.08933
610	950	6.08742
615	950	6.09047
620	950	6.09542
625	950	6.09664
630	950	6.0956
635	950	6.10356
640	950	6.09639
645	950	6.09874
650	950	6.09445
655	950	6.09303
660	950	6.09255
665	950	6.09007
670	950	6.0922
675	950	6.08879
680	950	6.0934
685	950	6.09253
690	950	6.094
695	950	6.08865
700	950	6.08966
705	950	6.09144

EM wavele nm	EX wavele nm	R1 MicroAmps
710	950	6.09349
715	950	6.09715
720	950	6.09629
725	950	6.10165
730	950	6.09651
735	950	6.10236
740	950	6.09627
745	950	6.09541
750	950	6.09749
755	950	6.08949
760	950	6.08749
765	950	6.08805
770	950	6.08983
775	950	6.08702
780	950	6.0934
785	950	6.08945
790	950	6.09578
795	950	6.10049
800	950	6.09478
805	950	6.09818
810	950	6.09245
815	950	6.09127
820	950	6.09428
825	950	6.09123
830	950	6.09374
835	950	6.09467
840	950	6.0986
845	950	6.09725
850	950	6.09933
855	950	6.09823
860	950	6.09353
865	950	6.09728
870	950	6.09454
875	950	6.09235
880	950	6.09315
885	950	6.08715
890	950	6.09104
895	950	6.08973
900	950	6.09642
905	950	6.09871
910	950	6.10229
915	950	6.09992
920	950	6.09915
925	950	6.10059
930	950	6.09533
935	950	6.08944
940	950	6.09321
945	950	6.09169
950	950	6.09053
955	950	6.09052
960	950	6.09298
965	950	6.09346
970	950	6.09642
975	950	6.0997
980	950	6.09609
985	950	6.09289
990	950	6.0904
995	950	6.09229
1000	950	6.08763
1005	950	6.09197
1010	950	6.09299
1015	950	6.09618
1020	950	6.09516
1025	950	6.09556

EM wavele nm	EX wavele nm	R1 MicroAmps
1030	950	6.09165
1035	950	6.08905
1040	950	6.08696
1045	950	6.09018
1050	950	6.0891
1055	950	6.09444
1060	950	6.09535
1065	950	6.09171
1070	950	6.09382
1075	950	6.09273
1080	950	6.09591
1085	950	6.09978
1090	950	6.10601
1095	950	6.10497
1100	950	6.10901
1105	950	6.10017
1110	950	6.10044
1115	950	6.0987
1120	950	6.09322
1125	950	6.10029
1130	950	6.0912
1135	950	6.09351
1140	950	6.09592
1145	950	6.09707
1150	950	6.09837
0	955	3.75879
5	955	3.76213
10	955	3.75886
15	955	3.76429
20	955	3.76732
25	955	3.76928
30	955	3.77404
35	955	3.77443
40	955	3.77335
45	955	3.77047
50	955	3.77152
55	955	3.77049
60	955	3.77062
65	955	3.76783
70	955	3.76738
75	955	3.7681
80	955	3.7674
85	955	3.76729
90	955	3.76628
95	955	3.76872
100	955	3.76912
105	955	3.76704
110	955	3.7679
115	955	3.7683
120	955	3.76469
125	955	3.76833
130	955	3.76663
135	955	3.76347
140	955	3.76295
145	955	3.76839
150	955	3.76813
155	955	3.76857
160	955	3.76943
165	955	3.76992
170	955	3.76559
175	955	3.76309
180	955	3.76602
185	955	3.7643
190	955	3.76605

EM wavele nm	EX wavele nm	R1 MicroAmps
195	955	3.76619
200	955	3.76609
205	955	3.76481
210	955	3.76489
215	955	3.76385
220	955	3.7651
225	955	3.76417
230	955	3.76388
235	955	3.76327
240	955	3.76395
245	955	3.76664
250	955	3.76676
255	955	3.76822
260	955	3.77161
265	955	3.77054
270	955	3.77016
275	955	3.76878
280	955	3.76484
285	955	3.76702
290	955	3.76498
295	955	3.76369
300	955	3.76323
305	955	3.76487
310	955	3.76412
315	955	3.76619
320	955	3.764
325	955	3.76239
330	955	3.76082
335	955	3.76564
340	955	3.76806
345	955	3.76412
350	955	3.76466
355	955	3.76602
360	955	3.76246
365	955	3.76084
370	955	3.76412
375	955	3.76484
380	955	3.76535
385	955	3.76733
390	955	3.76546
395	955	3.76853
400	955	3.76743
405	955	3.76928
410	955	3.77092
415	955	3.76721
420	955	3.76985
425	955	3.76919
430	955	3.77068
435	955	3.77193
440	955	3.76644
445	955	3.76745
450	955	3.76939
455	955	3.76828
460	955	3.76561
465	955	3.76439
470	955	3.76558
475	955	3.76664
480	955	3.76499
485	955	3.76485
490	955	3.76791
495	955	3.76627
500	955	3.76934
505	955	3.7732
510	955	3.77181

EM wavele nm	EX wavele nm	R1 MicroAmps
515	955	3.77085
520	955	3.77143
525	955	3.76512
530	955	3.76266
535	955	3.76073
540	955	3.76323
545	955	3.76392
550	955	3.76853
555	955	3.76737
560	955	3.76674
565	955	3.76748
570	955	3.76781
575	955	3.76868
580	955	3.76807
585	955	3.76467
590	955	3.76559
595	955	3.76338
600	955	3.76212
605	955	3.76608
610	955	3.76609
615	955	3.76954
620	955	3.76947
625	955	3.76987
630	955	3.76836
635	955	3.76832
640	955	3.76932
645	955	3.76961
650	955	3.76669
655	955	3.76313
660	955	3.76647
665	955	3.76503
670	955	3.76578
675	955	3.76401
680	955	3.76394
685	955	3.7648
690	955	3.76042
695	955	3.75872
700	955	3.75841
705	955	3.75859
710	955	3.75767
715	955	3.75731
720	955	3.75765
725	955	3.76091
730	955	3.76643
735	955	3.76701
740	955	3.76745
745	955	3.76783
750	955	3.77008
755	955	3.76546
760	955	3.76623
765	955	3.76516
770	955	3.76405
775	955	3.76533
780	955	3.76462
785	955	3.76397
790	955	3.76078
795	955	3.75982
800	955	3.76582
805	955	3.765
810	955	3.76703
815	955	3.76804
820	955	3.76824
825	955	3.76521
830	955	3.7651

EM wavele nm	EX wavele nm	R1 MicroAmps
835	955	3.76791
840	955	3.762
845	955	3.76607
850	955	3.76201
855	955	3.76438
860	955	3.76215
865	955	3.76182
870	955	3.76205
875	955	3.76231
880	955	3.76727
885	955	3.76601
890	955	3.77402
895	955	3.7757
900	955	3.77379
905	955	3.77177
910	955	3.76563
915	955	3.76609
920	955	3.76563
925	955	3.76805
930	955	3.76919
935	955	3.76777
940	955	3.76836
945	955	3.76469
950	955	3.76975
955	955	3.76206
960	955	3.76207
965	955	3.76869
970	955	3.7799
975	955	3.77609
980	955	3.7718
985	955	3.77021
990	955	3.76414
995	955	3.76295
1000	955	3.7668
1005	955	3.76668
1010	955	3.76661
1015	955	3.7701
1020	955	3.76936
1025	955	3.76755
1030	955	3.76648
1035	955	3.76779
1040	955	3.76743
1045	955	3.76747
1050	955	3.76759
1055	955	3.76397
1060	955	3.76256
1065	955	3.76335
1070	955	3.76668
1075	955	3.76708
1080	955	3.76928
1085	955	3.76715
1090	955	3.76391
1095	955	3.76189
1100	955	3.76453
1105	955	3.76033
1110	955	3.76295
1115	955	3.76709
1120	955	3.76736
1125	955	3.76967
1130	955	3.76857
1135	955	3.76698
1140	955	3.76599
1145	955	3.75963
1150	955	3.76307

EM wavele nm	EX wavele nm	R1 MicroAmps
0	960	2.45042
5	960	2.45124
10	960	2.45286
15	960	2.45366
20	960	2.45233
25	960	2.45154
30	960	2.45235
35	960	2.45165
40	960	2.45494
45	960	2.45289
50	960	2.45076
55	960	2.45099
60	960	2.45216
65	960	2.45235
70	960	2.45175
75	960	2.45214
80	960	2.45435
85	960	2.45288
90	960	2.45074
95	960	2.45267
100	960	2.45199
105	960	2.45371
110	960	2.45235
115	960	2.4551
120	960	2.45446
125	960	2.45449
130	960	2.45494
135	960	2.45561
140	960	2.45245
145	960	2.45339
150	960	2.45259
155	960	2.4521
160	960	2.45163
165	960	2.45156
170	960	2.45229
175	960	2.45392
180	960	2.45313
185	960	2.4509
190	960	2.45052
195	960	2.4516
200	960	2.45417
205	960	2.45341
210	960	2.45728
215	960	2.45637
220	960	2.4577
225	960	2.45451
230	960	2.45524
235	960	2.45337
240	960	2.45088
245	960	2.45118
250	960	2.45099
255	960	2.45152
260	960	2.45399
265	960	2.4543
270	960	2.4544
275	960	2.45283
280	960	2.45064
285	960	2.45019
290	960	2.44904
295	960	2.45068
300	960	2.45309
305	960	2.45508
310	960	2.45378
315	960	2.45314

EM wavele nm	EX wavele nm	R1 MicroAmps
320	960	2.45034
325	960	2.45099
330	960	2.45322
335	960	2.45189
340	960	2.45306
345	960	2.44947
350	960	2.45209
355	960	2.45236
360	960	2.45448
365	960	2.45717
370	960	2.45619
375	960	2.45634
380	960	2.45313
385	960	2.45279
390	960	2.45368
395	960	2.45282
400	960	2.45495
405	960	2.45558
410	960	2.454
415	960	2.45465
420	960	2.45485
425	960	2.4542
430	960	2.45446
435	960	2.45557
440	960	2.45523
445	960	2.45654
450	960	2.45516
455	960	2.45622
460	960	2.4562
465	960	2.45604
470	960	2.45668
475	960	2.45812
480	960	2.45708
485	960	2.45529
490	960	2.45463
495	960	2.45478
500	960	2.45609
505	960	2.45322
510	960	2.45448
515	960	2.45391
520	960	2.45403
525	960	2.4562
530	960	2.45609
535	960	2.45679
540	960	2.45647
545	960	2.45611
550	960	2.45544
555	960	2.45637
560	960	2.45507
565	960	2.4521
570	960	2.4533
575	960	2.45284
580	960	2.45529
585	960	2.45356
590	960	2.45319
595	960	2.45476
600	960	2.45205
605	960	2.45327
610	960	2.45428
615	960	2.45447
620	960	2.45172
625	960	2.45065
630	960	2.45302
635	960	2.45234

EM wavele nm	EX wavele nm	R1 MicroAmps
640	960	2.45562
645	960	2.45682
650	960	2.45579
655	960	2.4572
660	960	2.45315
665	960	2.45284
670	960	2.45508
675	960	2.45222
680	960	2.45317
685	960	2.45375
690	960	2.4522
695	960	2.45217
700	960	2.45213
705	960	2.44997
710	960	2.4509
715	960	2.45209
720	960	2.45336
725	960	2.45293
730	960	2.4534
735	960	2.45168
740	960	2.45427
745	960	2.4539
750	960	2.45493
755	960	2.45331
760	960	2.45477
765	960	2.45305
770	960	2.45318
775	960	2.45539
780	960	2.454
785	960	2.45671
790	960	2.45304
795	960	2.45425
800	960	2.45406
805	960	2.45222
810	960	2.4547
815	960	2.4519
820	960	2.45017
825	960	2.45111
830	960	2.45122
835	960	2.45366
840	960	2.45105
845	960	2.45262
850	960	2.45132
855	960	2.45408
860	960	2.45353
865	960	2.45404
870	960	2.45243
875	960	2.45062
880	960	2.45177
885	960	2.45278
890	960	2.4527
895	960	2.45321
900	960	2.45589
905	960	2.4553
910	960	2.45579
915	960	2.45597
920	960	2.45532
925	960	2.45475
930	960	2.44989
935	960	2.45078
940	960	2.4491
945	960	2.45082
950	960	2.45171
955	960	2.45086

EM wavele nm	EX wavele nm	R1 MicroAmps
960	960	2.45349
965	960	2.45203
970	960	2.45428
975	960	2.45373
980	960	2.45268
985	960	2.45425
990	960	2.45477
995	960	2.4567
1000	960	2.45571
1005	960	2.45286
1010	960	2.45266
1015	960	2.45174
1020	960	2.45081
1025	960	2.45093
1030	960	2.45266
1035	960	2.4539
1040	960	2.45319
1045	960	2.45476
1050	960	2.45438
1055	960	2.45568
1060	960	2.45547
1065	960	2.45416
1070	960	2.45637
1075	960	2.4557
1080	960	2.4541
1085	960	2.45346
1090	960	2.45158
1095	960	2.45398
1100	960	2.45375
1105	960	2.45473
1110	960	2.45303
1115	960	2.45085
1120	960	2.45238
1125	960	2.45006
1130	960	2.45007
1135	960	2.45081
1140	960	2.45154
1145	960	2.45242
1150	960	2.45179
0	965	2.66682
5	965	2.6648
10	965	2.66333
15	965	2.66358
20	965	2.66382
25	965	2.66319
30	965	2.66726
35	965	2.66609
40	965	2.66627
45	965	2.66667
50	965	2.66718
55	965	2.66626
60	965	2.66903
65	965	2.66501
70	965	2.66688
75	965	2.66638
80	965	2.66517
85	965	2.66611
90	965	2.66601
95	965	2.66497
100	965	2.66578
105	965	2.66576
110	965	2.66784
115	965	2.66827
120	965	2.66756

EM wavele nm	EX wavele nm	R1 MicroAmps
125	965	2.6696
130	965	2.66743
135	965	2.66612
140	965	2.66631
145	965	2.6646
150	965	2.66644
155	965	2.66662
160	965	2.66737
165	965	2.66851
170	965	2.66984
175	965	2.67012
180	965	2.673
185	965	2.66956
190	965	2.6708
195	965	2.6693
200	965	2.66853
205	965	2.66774
210	965	2.66884
215	965	2.66707
220	965	2.66486
225	965	2.66646
230	965	2.66518
235	965	2.66631
240	965	2.66382
245	965	2.66653
250	965	2.66667
255	965	2.66688
260	965	2.66661
265	965	2.66725
270	965	2.66652
275	965	2.66737
280	965	2.66567
285	965	2.66508
290	965	2.66723
295	965	2.66326
300	965	2.6623
305	965	2.66234
310	965	2.66288
315	965	2.66044
320	965	2.66369
325	965	2.66251
330	965	2.66306
335	965	2.66565
340	965	2.66399
345	965	2.66471
350	965	2.66584
355	965	2.66583
360	965	2.66551
365	965	2.669
370	965	2.66686
375	965	2.6687
380	965	2.66602
385	965	2.66411
390	965	2.66246
395	965	2.66416
400	965	2.66263
405	965	2.66293
410	965	2.66505
415	965	2.66451
420	965	2.66325
425	965	2.66492
430	965	2.66535
435	965	2.66397
440	965	2.66523

EM wavele nm	EX wavele nm	R1 MicroAmps
445	965	2.66625
450	965	2.66754
455	965	2.66668
460	965	2.66428
465	965	2.66586
470	965	2.66457
475	965	2.66345
480	965	2.66424
485	965	2.66373
490	965	2.66282
495	965	2.66581
500	965	2.66498
505	965	2.66672
510	965	2.66557
515	965	2.66574
520	965	2.66495
525	965	2.66559
530	965	2.66666
535	965	2.66516
540	965	2.66683
545	965	2.66637
550	965	2.66635
555	965	2.66472
560	965	2.66804
565	965	2.66947
570	965	2.66663
575	965	2.66765
580	965	2.66463
585	965	2.66628
590	965	2.66557
595	965	2.66512
600	965	2.6659
605	965	2.66871
610	965	2.66788
615	965	2.66651
620	965	2.66727
625	965	2.6657
630	965	2.6681
635	965	2.66405
640	965	2.66831
645	965	2.66646
650	965	2.66946
655	965	2.66664
660	965	2.66622
665	965	2.66681
670	965	2.66623
675	965	2.66479
680	965	2.66648
685	965	2.66718
690	965	2.66494
695	965	2.66591
700	965	2.66311
705	965	2.66733
710	965	2.66396
715	965	2.66518
720	965	2.66577
725	965	2.66829
730	965	2.66866
735	965	2.66735
740	965	2.66904
745	965	2.6665
750	965	2.6656
755	965	2.66434
760	965	2.66601

EM wavele nm	EX wavele nm	R1 MicroAmps
765	965	2.66659
770	965	2.66543
775	965	2.66505
780	965	2.66267
785	965	2.66183
790	965	2.66228
795	965	2.66151
800	965	2.66265
805	965	2.6621
810	965	2.66095
815	965	2.66168
820	965	2.65967
825	965	2.66342
830	965	2.66195
835	965	2.66511
840	965	2.66564
845	965	2.66482
850	965	2.66674
855	965	2.66375
860	965	2.66606
865	965	2.662
870	965	2.66179
875	965	2.66279
880	965	2.66012
885	965	2.6608
890	965	2.66039
895	965	2.66237
900	965	2.66345
905	965	2.66503
910	965	2.6643
915	965	2.66314
920	965	2.66477
925	965	2.66491
930	965	2.66668
935	965	2.66652
940	965	2.66515
945	965	2.66486
950	965	2.66565
955	965	2.66631
960	965	2.66395
965	965	2.66259
970	965	2.66378
975	965	2.6617
980	965	2.66326
985	965	2.6621
990	965	2.66213
995	965	2.664
1000	965	2.66409
1005	965	2.66547
1010	965	2.66371
1015	965	2.66413
1020	965	2.66253
1025	965	2.65936
1030	965	2.65992
1035	965	2.66238
1040	965	2.66273
1045	965	2.66529
1050	965	2.66423
1055	965	2.66641
1060	965	2.66624
1065	965	2.66214
1070	965	2.66112
1075	965	2.66457
1080	965	2.66564

EM wavele nm	EX wavele nm	R1 MicroAmps
1085	965	2.66501
1090	965	2.66498
1095	965	2.6647
1100	965	2.66294
1105	965	2.66404
1110	965	2.66482
1115	965	2.66529
1120	965	2.66545
1125	965	2.66826
1130	965	2.66868
1135	965	2.66741
1140	965	2.6685
1145	965	2.66747
1150	965	2.66631
0	970	3.40466
5	970	3.40545
10	970	3.40382
15	970	3.40291
20	970	3.40224
25	970	3.40184
30	970	3.40419
35	970	3.40227
40	970	3.40495
45	970	3.40258
50	970	3.40307
55	970	3.40304
60	970	3.40453
65	970	3.40351
70	970	3.40367
75	970	3.40407
80	970	3.40276
85	970	3.40133
90	970	3.40142
95	970	3.40153
100	970	3.40297
105	970	3.40382
110	970	3.4034
115	970	3.4038
120	970	3.40483
125	970	3.40368
130	970	3.40512
135	970	3.40258
140	970	3.40312
145	970	3.40288
150	970	3.40499
155	970	3.40456
160	970	3.40308
165	970	3.40581
170	970	3.40415
175	970	3.40676
180	970	3.40523
185	970	3.4057
190	970	3.405
195	970	3.40615
200	970	3.40316
205	970	3.40507
210	970	3.40508
215	970	3.40541
220	970	3.40233
225	970	3.40081
230	970	3.40393
235	970	3.40334
240	970	3.40431
245	970	3.40554

EM wavele nm	EX wavele nm	R1 MicroAmps
250	970	3.40574
255	970	3.40331
260	970	3.40447
265	970	3.4035
270	970	3.40405
275	970	3.40185
280	970	3.40021
285	970	3.39924
290	970	3.40016
295	970	3.39894
300	970	3.39982
305	970	3.40049
310	970	3.39854
315	970	3.40287
320	970	3.39963
325	970	3.40321
330	970	3.40353
335	970	3.40597
340	970	3.40399
345	970	3.40366
350	970	3.40484
355	970	3.40103
360	970	3.40104
365	970	3.40261
370	970	3.40359
375	970	3.40461
380	970	3.40493
385	970	3.40357
390	970	3.40332
395	970	3.405
400	970	3.4057
405	970	3.40567
410	970	3.40753
415	970	3.40626
420	970	3.40559
425	970	3.40642
430	970	3.40482
435	970	3.40598
440	970	3.40264
445	970	3.40465
450	970	3.40189
455	970	3.40441
460	970	3.40437
465	970	3.40487
470	970	3.40309
475	970	3.40404
480	970	3.40264
485	970	3.40049
490	970	3.40178
495	970	3.39979
500	970	3.40229
505	970	3.39956
510	970	3.4025
515	970	3.39985
520	970	3.40413
525	970	3.40059
530	970	3.40254
535	970	3.4023
540	970	3.40613
545	970	3.40496
550	970	3.40386
555	970	3.40481
560	970	3.40365
565	970	3.40504

EM wavele nm	EX wavele nm	R1 MicroAmps
570	970	3.40229
575	970	3.40386
580	970	3.39883
585	970	3.40332
590	970	3.40353
595	970	3.40464
600	970	3.40271
605	970	3.40385
610	970	3.40366
615	970	3.40027
620	970	3.40264
625	970	3.40301
630	970	3.4063
635	970	3.40279
640	970	3.40488
645	970	3.40434
650	970	3.40313
655	970	3.40285
660	970	3.40349
665	970	3.40556
670	970	3.40367
675	970	3.40579
680	970	3.40077
685	970	3.40314
690	970	3.40294
695	970	3.40147
700	970	3.40203
705	970	3.40164
710	970	3.40467
715	970	3.40446
720	970	3.4085
725	970	3.40443
730	970	3.40774
735	970	3.40658
740	970	3.40513
745	970	3.40891
750	970	3.4038
755	970	3.40643
760	970	3.40452
765	970	3.40517
770	970	3.40387
775	970	3.40382
780	970	3.40573
785	970	3.40276
790	970	3.40504
795	970	3.40322
800	970	3.40492
805	970	3.40445
810	970	3.40245
815	970	3.40286
820	970	3.40166
825	970	3.40269
830	970	3.40255
835	970	3.40166
840	970	3.40466
845	970	3.40359
850	970	3.40462
855	970	3.40159
860	970	3.40364
865	970	3.40177
870	970	3.401
875	970	3.40491
880	970	3.40141
885	970	3.40443

EM wavele nm	EX wavele nm	R1 MicroAmps
890	970	3.40247
895	970	3.4036
900	970	3.40294
905	970	3.40352
910	970	3.40408
915	970	3.40434
920	970	3.406
925	970	3.40183
930	970	3.40509
935	970	3.40539
940	970	3.40228
945	970	3.40337
950	970	3.39891
955	970	3.40197
960	970	3.40052
965	970	3.40202
970	970	3.40233
975	970	3.40413
980	970	3.40458
985	970	3.4021
990	970	3.4037
995	970	3.40359
1000	970	3.40291
1005	970	3.40499
1010	970	3.40044
1015	970	3.40305
1020	970	3.40267
1025	970	3.40295
1030	970	3.40092
1035	970	3.40438
1040	970	3.40467
1045	970	3.40382
1050	970	3.40513
1055	970	3.4013
1060	970	3.40017
1065	970	3.40139
1070	970	3.40035
1075	970	3.40387
1080	970	3.40329
1085	970	3.40189
1090	970	3.40572
1095	970	3.40333
1100	970	3.40732
1105	970	3.4044
1110	970	3.39969
1115	970	3.4067
1120	970	3.40235
1125	970	3.4045
1130	970	3.40375
1135	970	3.40171
1140	970	3.40563
1145	970	3.40336
1150	970	3.40545
0	975	4.38956
5	975	4.38787
10	975	4.38488
15	975	4.38505
20	975	4.38819
25	975	4.38243
30	975	4.3888
35	975	4.38676
40	975	4.38857
45	975	4.38707
50	975	4.38978

EM wavele nm	EX wavele nm	R1 MicroAmps
55	975	4.38982
60	975	4.3885
65	975	4.38962
70	975	4.3896
75	975	4.39322
80	975	4.3919
85	975	4.39624
90	975	4.3929
95	975	4.39667
100	975	4.38963
105	975	4.39035
110	975	4.38839
115	975	4.38774
120	975	4.39147
125	975	4.38986
130	975	4.39192
135	975	4.39024
140	975	4.38992
145	975	4.38847
150	975	4.39043
155	975	4.39693
160	975	4.39913
165	975	4.39683
170	975	4.39733
175	975	4.39859
180	975	4.39715
185	975	4.39594
190	975	4.39422
195	975	4.39105
200	975	4.3922
205	975	4.39266
210	975	4.38775
215	975	4.39233
220	975	4.39162
225	975	4.39565
230	975	4.39396
235	975	4.39555
240	975	4.39301
245	975	4.3957
250	975	4.39296
255	975	4.39158
260	975	4.39115
265	975	4.39289
270	975	4.39543
275	975	4.39412
280	975	4.38936
285	975	4.39081
290	975	4.39255
295	975	4.39208
300	975	4.39154
305	975	4.38935
310	975	4.39401
315	975	4.38807
320	975	4.38953
325	975	4.38835
330	975	4.39102
335	975	4.3885
340	975	4.39089
345	975	4.39119
350	975	4.39138
355	975	4.39283
360	975	4.39384
365	975	4.39054
370	975	4.38998

EM wavele nm	EX wavele nm	R1 MicroAmps
375	975	4.39289
380	975	4.3898
385	975	4.3944
390	975	4.39122
395	975	4.39298
400	975	4.39134
405	975	4.39699
410	975	4.39117
415	975	4.39563
420	975	4.38787
425	975	4.39436
430	975	4.39114
435	975	4.39135
440	975	4.39194
445	975	4.39142
450	975	4.39097
455	975	4.39052
460	975	4.39064
465	975	4.3914
470	975	4.39345
475	975	4.39259
480	975	4.39607
485	975	4.39316
490	975	4.3982
495	975	4.39628
500	975	4.39849
505	975	4.39496
510	975	4.39272
515	975	4.3916
520	975	4.39059
525	975	4.38879
530	975	4.38712
535	975	4.38833
540	975	4.39115
545	975	4.39159
550	975	4.39454
555	975	4.39074
560	975	4.39646
565	975	4.39062
570	975	4.39677
575	975	4.39153
580	975	4.39327
585	975	4.39367
590	975	4.39041
595	975	4.38807
600	975	4.39138
605	975	4.39136
610	975	4.3878
615	975	4.39024
620	975	4.39034
625	975	4.39433
630	975	4.39102
635	975	4.39164
640	975	4.38757
645	975	4.38594
650	975	4.3887
655	975	4.38934
660	975	4.38961
665	975	4.39138
670	975	4.39103
675	975	4.39114
680	975	4.39059
685	975	4.39252
690	975	4.39055

EM wavele nm	EX wavele nm	R1 MicroAmps
695	975	4.39265
700	975	4.39475
705	975	4.39451
710	975	4.39422
715	975	4.39469
720	975	4.39169
725	975	4.39037
730	975	4.39478
735	975	4.39382
740	975	4.39325
745	975	4.39202
750	975	4.3937
755	975	4.39441
760	975	4.39407
765	975	4.3949
770	975	4.39268
775	975	4.39497
780	975	4.39149
785	975	4.39275
790	975	4.39283
795	975	4.39387
800	975	4.39707
805	975	4.39409
810	975	4.39319
815	975	4.39
820	975	4.39129
825	975	4.39508
830	975	4.39353
835	975	4.39375
840	975	4.39203
845	975	4.38772
850	975	4.39048
855	975	4.38578
860	975	4.38831
865	975	4.38732
870	975	4.38859
875	975	4.39332
880	975	4.38834
885	975	4.39118
890	975	4.38808
895	975	4.3918
900	975	4.39239
905	975	4.39267
910	975	4.39676
915	975	4.39348
920	975	4.39061
925	975	4.38956
930	975	4.39175
935	975	4.39042
940	975	4.38938
945	975	4.39621
950	975	4.3922
955	975	4.39561
960	975	4.39438
965	975	4.39705
970	975	4.39879
975	975	4.39402
980	975	4.39619
985	975	4.39373
990	975	4.39117
995	975	4.39034
1000	975	4.39013
1005	975	4.39344
1010	975	4.39323

EM wavele nm	EX wavele nm	R1 MicroAmps
1015	975	4.39335
1020	975	4.38947
1025	975	4.38767
1030	975	4.38606
1035	975	4.38883
1040	975	4.39119
1045	975	4.39113
1050	975	4.39407
1055	975	4.39635
1060	975	4.39761
1065	975	4.39526
1070	975	4.39267
1075	975	4.39287
1080	975	4.39389
1085	975	4.39167
1090	975	4.3923
1095	975	4.38906
1100	975	4.38619
1105	975	4.39023
1110	975	4.38999
1115	975	4.39401
1120	975	4.39242
1125	975	4.39398
1130	975	4.39682
1135	975	4.39116
1140	975	4.39451
1145	975	4.39267
1150	975	4.39208
0	980	8.27709
5	980	8.27526
10	980	8.27899
15	980	8.26988
20	980	8.2776
25	980	8.27189
30	980	8.27764
35	980	8.27185
40	980	8.27644
45	980	8.27279
50	980	8.27394
55	980	8.27238
60	980	8.27619
65	980	8.2725
70	980	8.26829
75	980	8.27289
80	980	8.27222
85	980	8.27984
90	980	8.27754
95	980	8.2797
100	980	8.27196
105	980	8.27686
110	980	8.26966
115	980	8.27563
120	980	8.2647
125	980	8.27309
130	980	8.27205
135	980	8.27114
140	980	8.27357
145	980	8.27127
150	980	8.27415
155	980	8.27034
160	980	8.27479
165	980	8.26883
170	980	8.27425
175	980	8.2682

EM wavele nm	EX wavele nm	R1 MicroAmps
180	980	8.26917
185	980	8.27064
190	980	8.27942
195	980	8.2739
200	980	8.26893
205	980	8.27041
210	980	8.26718
215	980	8.27769
220	980	8.27358
225	980	8.27706
230	980	8.27384
235	980	8.28147
240	980	8.27342
245	980	8.27639
250	980	8.26278
255	980	8.2685
260	980	8.26943
265	980	8.26938
270	980	8.26818
275	980	8.27679
280	980	8.27695
285	980	8.27614
290	980	8.27363
295	980	8.2705
300	980	8.26845
305	980	8.26222
310	980	8.26569
315	980	8.26093
320	980	8.2636
325	980	8.26197
330	980	8.26144
335	980	8.25975
340	980	8.2607
345	980	8.26021
350	980	8.26098
355	980	8.25998
360	980	8.26303
365	980	8.26473
370	980	8.26138
375	980	8.26456
380	980	8.26193
385	980	8.26467
390	980	8.26427
395	980	8.26874
400	980	8.27543
405	980	8.27566
410	980	8.27634
415	980	8.27056
420	980	8.26965
425	980	8.28355
430	980	8.30894
435	980	8.32405
440	980	8.307
445	980	8.29482
450	980	8.2886
455	980	8.27499
460	980	8.27697
465	980	8.27034
470	980	8.27349
475	980	8.27415
480	980	8.27263
485	980	8.26949
490	980	8.27032
495	980	8.26591

EM wavele nm	EX wavele nm	R1 MicroAmps
500	980	8.26023
505	980	8.26687
510	980	8.26452
515	980	8.27152
520	980	8.27791
525	980	8.27727
530	980	8.27133
535	980	8.27622
540	980	8.26464
545	980	8.26897
550	980	8.26365
555	980	8.26304
560	980	8.26959
565	980	8.27018
570	980	8.27252
575	980	8.27157
580	980	8.27728
585	980	8.26845
590	980	8.27098
595	980	8.26547
600	980	8.27135
605	980	8.27106
610	980	8.27171
615	980	8.27511
620	980	8.26928
625	980	8.27174
630	980	8.26266
635	980	8.26499
640	980	8.2682
645	980	8.27335
650	980	8.2754
655	980	8.27224
660	980	8.27141
665	980	8.27057
670	980	8.27585
675	980	8.26717
680	980	8.27039
685	980	8.26519
690	980	8.27262
695	980	8.26994
700	980	8.27589
705	980	8.27739
710	980	8.27319
715	980	8.27737
720	980	8.27522
725	980	8.27872
730	980	8.27335
735	980	8.28184
740	980	8.2777
745	980	8.27681
750	980	8.27779
755	980	8.27396
760	980	8.27828
765	980	8.2699
770	980	8.27049
775	980	8.27116
780	980	8.26561
785	980	8.27588
790	980	8.27193
795	980	8.27671
800	980	8.26772
805	980	8.27123
810	980	8.26922
815	980	8.26252

EM wavele nm	EX wavele nm	R1 MicroAmps
820	980	8.26945
825	980	8.27049
830	980	8.27564
835	980	8.27093
840	980	8.27113
845	980	8.27385
850	980	8.27265
855	980	8.27583
860	980	8.27242
865	980	8.27389
870	980	8.26953
875	980	8.26789
880	980	8.26767
885	980	8.26879
890	980	8.27145
895	980	8.26831
900	980	8.27366
905	980	8.27166
910	980	8.2716
915	980	8.27208
920	980	8.26642
925	980	8.27202
930	980	8.26464
935	980	8.26536
940	980	8.26409
945	980	8.26688
950	980	8.26748
955	980	8.26327
960	980	8.26555
965	980	8.26178
970	980	8.26136
975	980	8.26494
980	980	8.26326
985	980	8.2709
990	980	8.26907
995	980	8.27296
1000	980	8.26617
1005	980	8.27395
1010	980	8.27427
1015	980	8.27358
1020	980	8.27526
1025	980	8.26717
1030	980	8.26646
1035	980	8.26853
1040	980	8.26576
1045	980	8.2697
1050	980	8.26885
1055	980	8.27568
1060	980	8.27145
1065	980	8.26966
1070	980	8.27382
1075	980	8.2661
1080	980	8.2681
1085	980	8.269
1090	980	8.2732
1095	980	8.28321
1100	980	8.28426
1105	980	8.27921
1110	980	8.27406
1115	980	8.26642
1120	980	8.26695
1125	980	8.26649
1130	980	8.26263
1135	980	8.26504

EM wavele nm	EX wavele nm	R1 MicroAmps
1140	980	8.26964
1145	980	8.27116
1150	980	8.27936
0	985	2.60108
5	985	2.5992
10	985	2.59735
15	985	2.60108
20	985	2.59677
25	985	2.6005
30	985	2.59969
35	985	2.60356
40	985	2.60373
45	985	2.60876
50	985	2.60705
55	985	2.60987
60	985	2.6043
65	985	2.60526
70	985	2.59989
75	985	2.60384
80	985	2.60423
85	985	2.60456
90	985	2.6024
95	985	2.59999
100	985	2.59913
105	985	2.60112
110	985	2.60095
115	985	2.59923
120	985	2.60322
125	985	2.60326
130	985	2.60267
135	985	2.60081
140	985	2.60521
145	985	2.60161
150	985	2.6045
155	985	2.61361
160	985	2.61418
165	985	2.6103
170	985	2.60935
175	985	2.60707
180	985	2.60481
185	985	2.60653
190	985	2.60587
195	985	2.60903
200	985	2.60692
205	985	2.6082
210	985	2.60793
215	985	2.60747
220	985	2.60455
225	985	2.60575
230	985	2.60641
235	985	2.60771
240	985	2.60643
245	985	2.60383
250	985	2.60392
255	985	2.60345
260	985	2.60445
265	985	2.60151
270	985	2.60231
275	985	2.59997
280	985	2.60586
285	985	2.60461
290	985	2.60326
295	985	2.60218
300	985	2.60411

EM wavele nm	EX wavele nm	R1 MicroAmps
305	985	2.60366
310	985	2.60319
315	985	2.60645
320	985	2.60726
325	985	2.60566
330	985	2.60251
335	985	2.60315
340	985	2.60132
345	985	2.60469
350	985	2.60065
355	985	2.60072
360	985	2.59922
365	985	2.59859
370	985	2.59747
375	985	2.60061
380	985	2.59887
385	985	2.59893
390	985	2.60034
395	985	2.59914
400	985	2.60009
405	985	2.59949
410	985	2.5972
415	985	2.59771
420	985	2.60054
425	985	2.60333
430	985	2.60185
435	985	2.60235
440	985	2.60325
445	985	2.60428
450	985	2.60408
455	985	2.60397
460	985	2.60308
465	985	2.60415
470	985	2.60686
475	985	2.60591
480	985	2.60421
485	985	2.59956
490	985	2.60021
495	985	2.59823
500	985	2.59949
505	985	2.59853
510	985	2.59973
515	985	2.60355
520	985	2.60373
525	985	2.60524
530	985	2.60565
535	985	2.60709
540	985	2.60566
545	985	2.60434
550	985	2.59913
555	985	2.60121
560	985	2.59976
565	985	2.60365
570	985	2.60255
575	985	2.60556
580	985	2.604
585	985	2.60271
590	985	2.60215
595	985	2.60418
600	985	2.60365
605	985	2.60314
610	985	2.60618
615	985	2.60377
620	985	2.60781

EM wavele nm	EX wavele nm	R1 MicroAmps
625	985	2.60184
630	985	2.60331
635	985	2.60305
640	985	2.60637
645	985	2.60323
650	985	2.60453
655	985	2.60354
660	985	2.6002
665	985	2.60287
670	985	2.60101
675	985	2.60334
680	985	2.60148
685	985	2.60101
690	985	2.60261
695	985	2.60629
700	985	2.60411
705	985	2.60472
710	985	2.60353
715	985	2.60033
720	985	2.60281
725	985	2.60267
730	985	2.6051
735	985	2.60099
740	985	2.59922
745	985	2.59916
750	985	2.59813
755	985	2.60189
760	985	2.6035
765	985	2.60781
770	985	2.60274
775	985	2.60247
780	985	2.60156
785	985	2.59985
790	985	2.60502
795	985	2.60357
800	985	2.60613
805	985	2.60174
810	985	2.6012
815	985	2.60343
820	985	2.60031
825	985	2.6032
830	985	2.60315
835	985	2.6036
840	985	2.6003
845	985	2.60048
850	985	2.60119
855	985	2.59834
860	985	2.60079
865	985	2.60103
870	985	2.60205
875	985	2.60467
880	985	2.60488
885	985	2.60494
890	985	2.60166
895	985	2.60303
900	985	2.60419
905	985	2.60112
910	985	2.59981
915	985	2.60016
920	985	2.60054
925	985	2.60179
930	985	2.60202
935	985	2.60165
940	985	2.60045

EM wavele nm	EX wavele nm	R1 MicroAmps
945	985	2.60174
950	985	2.60358
955	985	2.60452
960	985	2.60807
965	985	2.60798
970	985	2.60422
975	985	2.60265
980	985	2.60052
985	985	2.59813
990	985	2.5965
995	985	2.59749
1000	985	2.60165
1005	985	2.60293
1010	985	2.60706
1015	985	2.60871
1020	985	2.61155
1025	985	2.60888
1030	985	2.60674
1035	985	2.60578
1040	985	2.60482
1045	985	2.60527
1050	985	2.60528
1055	985	2.60035
1060	985	2.60146
1065	985	2.59953
1070	985	2.59976
1075	985	2.60314
1080	985	2.60204
1085	985	2.6029
1090	985	2.6021
1095	985	2.6021
1100	985	2.60379
1105	985	2.60285
1110	985	2.60383
1115	985	2.60303
1120	985	2.60532
1125	985	2.60887
1130	985	2.60503
1135	985	2.60493
1140	985	2.60523
1145	985	2.60345
1150	985	2.60373
0	990	6.36271
5	990	6.35985
10	990	6.36213
15	990	6.3595
20	990	6.35239
25	990	6.3604
30	990	6.36032
35	990	6.35879
40	990	6.35968
45	990	6.35676
50	990	6.35531
55	990	6.35545
60	990	6.3568
65	990	6.35943
70	990	6.36049
75	990	6.36126
80	990	6.36062
85	990	6.35974
90	990	6.35718
95	990	6.35736
100	990	6.36105
105	990	6.35984

EM wavele nm	EX wavele nm	R1 MicroAmps
110	990	6.36453
115	990	6.36704
120	990	6.36552
125	990	6.3632
130	990	6.36249
135	990	6.36507
140	990	6.36359
145	990	6.36336
150	990	6.35985
155	990	6.36254
160	990	6.36098
165	990	6.36574
170	990	6.35922
175	990	6.35833
180	990	6.35736
185	990	6.35748
190	990	6.35707
195	990	6.35246
200	990	6.35648
205	990	6.3569
210	990	6.35912
215	990	6.35546
220	990	6.35411
225	990	6.3552
230	990	6.35422
235	990	6.3501
240	990	6.35343
245	990	6.35061
250	990	6.35539
255	990	6.35482
260	990	6.36073
265	990	6.35738
270	990	6.35817
275	990	6.36023
280	990	6.35527
285	990	6.36301
290	990	6.35757
295	990	6.35673
300	990	6.35713
305	990	6.3534
310	990	6.35694
315	990	6.35456
320	990	6.35737
325	990	6.3617
330	990	6.35754
335	990	6.35943
340	990	6.35817
345	990	6.36124
350	990	6.35987
355	990	6.36474
360	990	6.36284
365	990	6.36657
370	990	6.36386
375	990	6.36738
380	990	6.36579
385	990	6.36009
390	990	6.36333
395	990	6.36093
400	990	6.36102
405	990	6.35608
410	990	6.36041
415	990	6.35763
420	990	6.36461
425	990	6.3617

EM wavele nm	EX wavele nm	R1 MicroAmps
430	990	6.36414
435	990	6.36025
440	990	6.36345
445	990	6.35787
450	990	6.36118
455	990	6.36068
460	990	6.3635
465	990	6.36109
470	990	6.3608
475	990	6.36246
480	990	6.36024
485	990	6.35936
490	990	6.3529
495	990	6.35949
500	990	6.35674
505	990	6.36457
510	990	6.36287
515	990	6.36691
520	990	6.36241
525	990	6.36188
530	990	6.35558
535	990	6.35783
540	990	6.3569
545	990	6.35335
550	990	6.3574
555	990	6.3565
560	990	6.36703
565	990	6.36647
570	990	6.36798
575	990	6.36586
580	990	6.366
585	990	6.36418
590	990	6.36387
595	990	6.36201
600	990	6.35734
605	990	6.35778
610	990	6.36017
615	990	6.36228
620	990	6.35766
625	990	6.36192
630	990	6.36483
635	990	6.36374
640	990	6.36668
645	990	6.36172
650	990	6.36902
655	990	6.36208
660	990	6.3639
665	990	6.36519
670	990	6.36223
675	990	6.36125
680	990	6.36175
685	990	6.36359
690	990	6.36454
695	990	6.36817
700	990	6.36523
705	990	6.36885
710	990	6.37059
715	990	6.36334
720	990	6.36124
725	990	6.3645
730	990	6.37084
735	990	6.36782
740	990	6.3673
745	990	6.3646

EM wavele nm	EX wavele nm	R1 MicroAmps
750	990	6.36416
755	990	6.36562
760	990	6.3656
765	990	6.364
770	990	6.36552
775	990	6.36659
780	990	6.36778
785	990	6.36266
790	990	6.36519
795	990	6.36339
800	990	6.36209
805	990	6.36463
810	990	6.363
815	990	6.367
820	990	6.36591
825	990	6.36082
830	990	6.35697
835	990	6.36059
840	990	6.36308
845	990	6.3659
850	990	6.36104
855	990	6.36738
860	990	6.36594
865	990	6.36387
870	990	6.36646
875	990	6.3621
880	990	6.36081
885	990	6.36107
890	990	6.36109
895	990	6.36128
900	990	6.36303
905	990	6.36314
910	990	6.36415
915	990	6.36197
920	990	6.36017
925	990	6.36454
930	990	6.36451
935	990	6.3669
940	990	6.36762
945	990	6.36952
950	990	6.3636
955	990	6.36399
960	990	6.3648
965	990	6.36922
970	990	6.37137
975	990	6.37015
980	990	6.37055
985	990	6.3681
990	990	6.36688
995	990	6.36627
1000	990	6.36181
1005	990	6.36336
1010	990	6.36257
1015	990	6.36
1020	990	6.3599
1025	990	6.36131
1030	990	6.36483
1035	990	6.36432
1040	990	6.36082
1045	990	6.3636
1050	990	6.35749
1055	990	6.35726
1060	990	6.36039
1065	990	6.35655

EM wavele nm	EX wavele nm	R1 MicroAmps
1070	990	6.35944
1075	990	6.35941
1080	990	6.36175
1085	990	6.36307
1090	990	6.3649
1095	990	6.36762
1100	990	6.3717
1105	990	6.36587
1110	990	6.36681
1115	990	6.36266
1120	990	6.35927
1125	990	6.36379
1130	990	6.36877
1135	990	6.36082
1140	990	6.35766
1145	990	6.35589
1150	990	6.35663
0	995	4.73932
5	995	4.74076
10	995	4.73999
15	995	4.73669
20	995	4.73811
25	995	4.73934
30	995	4.74098
35	995	4.73916
40	995	4.73777
45	995	4.73944
50	995	4.74049
55	995	4.74153
60	995	4.73924
65	995	4.7378
70	995	4.74058
75	995	4.74226
80	995	4.73733
85	995	4.74136
90	995	4.74284
95	995	4.73996
100	995	4.7399
105	995	4.73658
110	995	4.74159
115	995	4.73878
120	995	4.74324
125	995	4.74237
130	995	4.74165
135	995	4.74358
140	995	4.74527
145	995	4.74383
150	995	4.74479
155	995	4.74341
160	995	4.74028
165	995	4.74376
170	995	4.73987
175	995	4.73673
180	995	4.7375
185	995	4.73512
190	995	4.73735
195	995	4.7369
200	995	4.74001
205	995	4.74019
210	995	4.7429
215	995	4.73643
220	995	4.73944
225	995	4.73178
230	995	4.73542

EM wavele nm	EX wavele nm	R1 MicroAmps
235	995	4.73388
240	995	4.73831
245	995	4.7405
250	995	4.73805
255	995	4.73741
260	995	4.73493
265	995	4.73895
270	995	4.73612
275	995	4.74126
280	995	4.73852
285	995	4.74069
290	995	4.74173
295	995	4.74138
300	995	4.74223
305	995	4.74471
310	995	4.74482
315	995	4.74883
320	995	4.74705
325	995	4.7428
330	995	4.74134
335	995	4.73638
340	995	4.74103
345	995	4.73601
350	995	4.73544
355	995	4.7354
360	995	4.74026
365	995	4.73307
370	995	4.732
375	995	4.73178
380	995	4.73457
385	995	4.73535
390	995	4.73902
395	995	4.74162
400	995	4.73997
405	995	4.74195
410	995	4.73953
415	995	4.74278
420	995	4.73679
425	995	4.74166
430	995	4.73875
435	995	4.73877
440	995	4.73521
445	995	4.73829
450	995	4.73826
455	995	4.73868
460	995	4.7412
465	995	4.74019
470	995	4.74301
475	995	4.74186
480	995	4.74743
485	995	4.76201
490	995	4.76031
495	995	4.75206
500	995	4.74938
505	995	4.75034
510	995	4.75983
515	995	4.74811
520	995	4.75093
525	995	4.74267
530	995	4.74242
535	995	4.73697
540	995	4.73837
545	995	4.74014
550	995	4.73618

EM wavele nm	EX wavele nm	R1 MicroAmps
555	995	4.73944
560	995	4.73758
565	995	4.74195
570	995	4.73724
575	995	4.73775
580	995	4.73396
585	995	4.74173
590	995	4.73637
595	995	4.73511
600	995	4.74999
605	995	4.7542
610	995	4.75553
615	995	4.75411
620	995	4.74926
625	995	4.74449
630	995	4.74917
635	995	4.7457
640	995	4.74053
645	995	4.73521
650	995	4.7355
655	995	4.7347
660	995	4.73885
665	995	4.73839
670	995	4.73511
675	995	4.7346
680	995	4.73737
685	995	4.73939
690	995	4.7407
695	995	4.73819
700	995	4.73563
705	995	4.73601
710	995	4.73837
715	995	4.73821
720	995	4.7361
725	995	4.73656
730	995	4.73384
735	995	4.74861
740	995	4.75113
745	995	4.75026
750	995	4.74946
755	995	4.74395
760	995	4.73901
765	995	4.73441
770	995	4.73967
775	995	4.73778
780	995	4.73739
785	995	4.73956
790	995	4.73315
795	995	4.73582
800	995	4.73512
805	995	4.73956
810	995	4.74219
815	995	4.7401
820	995	4.73875
825	995	4.7361
830	995	4.73353
835	995	4.73436
840	995	4.73472
845	995	4.73783
850	995	4.73721
855	995	4.74054
860	995	4.74058
865	995	4.74254
870	995	4.74252

EM wavele nm	EX wavele nm	R1 MicroAmps
875	995	4.74137
880	995	4.742
885	995	4.7373
890	995	4.74256
895	995	4.73689
900	995	4.73836
905	995	4.73851
910	995	4.73441
915	995	4.74023
920	995	4.73566
925	995	4.73633
930	995	4.73479
935	995	4.73692
940	995	4.7373
945	995	4.73658
950	995	4.73812
955	995	4.73971
960	995	4.74081
965	995	4.7386
970	995	4.73762
975	995	4.74361
980	995	4.73829
985	995	4.741
990	995	4.73497
995	995	4.73889
1000	995	4.74098
1005	995	4.7401
1010	995	4.74521
1015	995	4.73968
1020	995	4.74405
1025	995	4.7384
1030	995	4.73762
1035	995	4.73561
1040	995	4.73819
1045	995	4.74015
1050	995	4.73501
1055	995	4.74191
1060	995	4.74028
1065	995	4.73813
1070	995	4.73877
1075	995	4.734
1080	995	4.73746
1085	995	4.73362
1090	995	4.73522
1095	995	4.7396
1100	995	4.73601
1105	995	4.74237
1110	995	4.74674
1115	995	4.75411
1120	995	4.75051
1125	995	4.74801
1130	995	4.77876
1135	995	4.76855
1140	995	4.7575
1145	995	4.74942
1150	995	4.73473
0	1000	2.08414
5	1000	2.08542
10	1000	2.08847
15	1000	2.08715
20	1000	2.08985
25	1000	2.0877
30	1000	2.08704
35	1000	2.08364

EM wavele nm	EX wavele nm	R1 MicroAmps
40	1000	2.08595
45	1000	2.08336
50	1000	2.08453
55	1000	2.08563
60	1000	2.08585
65	1000	2.08744
70	1000	2.08709
75	1000	2.08825
80	1000	2.08592
85	1000	2.08701
90	1000	2.08442
95	1000	2.08831
100	1000	2.08716
105	1000	2.09029
110	1000	2.08787
115	1000	2.09016
120	1000	2.08799
125	1000	2.08783
130	1000	2.08714
135	1000	2.08847
140	1000	2.08659
145	1000	2.08606
150	1000	2.08524
155	1000	2.08414
160	1000	2.08752
165	1000	2.08494
170	1000	2.08676
175	1000	2.08675
180	1000	2.09025
185	1000	2.08849
190	1000	2.08929
195	1000	2.08768
200	1000	2.08914
205	1000	2.08646
210	1000	2.08429
215	1000	2.08718
220	1000	2.0871
225	1000	2.087
230	1000	2.0849
235	1000	2.0885
240	1000	2.08613
245	1000	2.08969
250	1000	2.08913
255	1000	2.09128
260	1000	2.08981
265	1000	2.08975
270	1000	2.08809
275	1000	2.08694
280	1000	2.08531
285	1000	2.08471
290	1000	2.0842
295	1000	2.08474
300	1000	2.08453
305	1000	2.08588
310	1000	2.08435
315	1000	2.08446
320	1000	2.08585
325	1000	2.08738
330	1000	2.0882
335	1000	2.08791
340	1000	2.08812
345	1000	2.08721
350	1000	2.08739
355	1000	2.08846

EM wavele nm	EX wavele nm	R1 MicroAmps
360	1000	2.0862
365	1000	2.08878
370	1000	2.08712
375	1000	2.088
380	1000	2.08499
385	1000	2.08876
390	1000	2.08561
395	1000	2.08829
400	1000	2.08662
405	1000	2.08749
410	1000	2.08619
415	1000	2.08451
420	1000	2.08749
425	1000	2.08511
430	1000	2.08713
435	1000	2.08737
440	1000	2.09074
445	1000	2.09119
450	1000	2.09135
455	1000	2.08769
460	1000	2.0889
465	1000	2.08653
470	1000	2.08525
475	1000	2.08867
480	1000	2.08873
485	1000	2.08929
490	1000	2.08882
495	1000	2.09034
500	1000	2.08882
505	1000	2.08901
510	1000	2.08576
515	1000	2.08616
520	1000	2.08624
525	1000	2.08899
530	1000	2.08788
535	1000	2.08706
540	1000	2.0877
545	1000	2.08935
550	1000	2.08821
555	1000	2.08815
560	1000	2.08877
565	1000	2.08672
570	1000	2.087
575	1000	2.08377
580	1000	2.0876
585	1000	2.08628
590	1000	2.08805
595	1000	2.08501
600	1000	2.08652
605	1000	2.08607
610	1000	2.08708
615	1000	2.08777
620	1000	2.08575
625	1000	2.09029
630	1000	2.08948
635	1000	2.0916
640	1000	2.08961
645	1000	2.08903
650	1000	2.08697
655	1000	2.08742
660	1000	2.08744
665	1000	2.0871
670	1000	2.08799
675	1000	2.08753

EM wavele nm	EX wavele nm	R1 MicroAmps
680	1000	2.08937
685	1000	2.0882
690	1000	2.08972
695	1000	2.08758
700	1000	2.08706
705	1000	2.08671
710	1000	2.08763
715	1000	2.08733
720	1000	2.08754
725	1000	2.089
730	1000	2.08636
735	1000	2.08742
740	1000	2.08697
745	1000	2.08673
750	1000	2.0871
755	1000	2.08583
760	1000	2.0867
765	1000	2.0858
770	1000	2.08592
775	1000	2.08698
780	1000	2.08591
785	1000	2.0853
790	1000	2.08375
795	1000	2.08644
800	1000	2.08451
805	1000	2.0871
810	1000	2.08773
815	1000	2.08842
820	1000	2.09065
825	1000	2.09239
830	1000	2.09372
835	1000	2.09018
840	1000	2.09139
845	1000	2.08848
850	1000	2.08807
855	1000	2.08933
860	1000	2.0889
865	1000	2.08847
870	1000	2.08709
875	1000	2.08721
880	1000	2.08507
885	1000	2.0857
890	1000	2.08681
895	1000	2.08672
900	1000	2.0869
905	1000	2.08662
910	1000	2.08791
915	1000	2.0866
920	1000	2.08792
925	1000	2.08847
930	1000	2.08697
935	1000	2.08818
940	1000	2.08606
945	1000	2.08813
950	1000	2.0899
955	1000	2.09101
960	1000	2.08969
965	1000	2.08931
970	1000	2.08793
975	1000	2.08726
980	1000	2.08887
985	1000	2.08867
990	1000	2.08976
995	1000	2.08777

EM wavele nm	EX wavele nm	R1 MicroAmps
1000	1000	2.08751
1005	1000	2.08919
1010	1000	2.08791
1015	1000	2.08661
1020	1000	2.08654
1025	1000	2.08756
1030	1000	2.08867
1035	1000	2.08616
1040	1000	2.08908
1045	1000	2.08823
1050	1000	2.08882
1055	1000	2.09027
1060	1000	2.08992
1065	1000	2.09161
1070	1000	2.08955
1075	1000	2.08715
1080	1000	2.08686
1085	1000	2.08629
1090	1000	2.08741
1095	1000	2.08805
1100	1000	2.08702
1105	1000	2.08937
1110	1000	2.08889
1115	1000	2.08931
1120	1000	2.08999
1125	1000	2.08801
1130	1000	2.09081
1135	1000	2.08964
1140	1000	2.09017
1145	1000	2.08968
1150	1000	2.08909
0	1005	2.10762
5	1005	2.10935
10	1005	2.1089
15	1005	2.1068
20	1005	2.10933
25	1005	2.10463
30	1005	2.10844
35	1005	2.10757
40	1005	2.10363
45	1005	2.10483
50	1005	2.10614
55	1005	2.10733
60	1005	2.11
65	1005	2.11101
70	1005	2.10987
75	1005	2.10785
80	1005	2.10914
85	1005	2.10833
90	1005	2.10709
95	1005	2.11051
100	1005	2.1069
105	1005	2.10829
110	1005	2.10658
115	1005	2.10627
120	1005	2.10577
125	1005	2.10716
130	1005	2.10768
135	1005	2.10697
140	1005	2.10703
145	1005	2.10588
150	1005	2.1079
155	1005	2.10788
160	1005	2.11015

EM wavele nm	EX wavele nm	R1 MicroAmps
165	1005	2.10654
170	1005	2.10996
175	1005	2.10615
180	1005	2.1079
185	1005	2.10426
190	1005	2.10504
195	1005	2.10378
200	1005	2.10411
205	1005	2.10536
210	1005	2.1054
215	1005	2.10739
220	1005	2.10814
225	1005	2.10926
230	1005	2.10953
235	1005	2.11079
240	1005	2.10755
245	1005	2.1082
250	1005	2.10423
255	1005	2.10629
260	1005	2.10605
265	1005	2.10586
270	1005	2.1066
275	1005	2.10995
280	1005	2.10749
285	1005	2.11056
290	1005	2.10859
295	1005	2.11071
300	1005	2.11014
305	1005	2.10983
310	1005	2.10894
315	1005	2.10667
320	1005	2.10617
325	1005	2.10559
330	1005	2.1078
335	1005	2.10525
340	1005	2.10594
345	1005	2.10349
350	1005	2.10553
355	1005	2.10275
360	1005	2.10357
365	1005	2.10354
370	1005	2.10454
375	1005	2.10657
380	1005	2.10788
385	1005	2.10813
390	1005	2.10626
395	1005	2.10688
400	1005	2.10636
405	1005	2.10892
410	1005	2.1075
415	1005	2.11004
420	1005	2.10745
425	1005	2.10844
430	1005	2.1093
435	1005	2.10863
440	1005	2.10983
445	1005	2.10795
450	1005	2.10753
455	1005	2.10416
460	1005	2.10659
465	1005	2.10297
470	1005	2.10582
475	1005	2.10252
480	1005	2.10363

EM wavele nm	EX wavele nm	R1 MicroAmps
485	1005	2.10742
490	1005	2.10698
495	1005	2.10666
500	1005	2.10709
505	1005	2.10591
510	1005	2.10365
515	1005	2.10564
520	1005	2.10342
525	1005	2.10509
530	1005	2.10395
535	1005	2.10649
540	1005	2.10763
545	1005	2.10728
550	1005	2.1089
555	1005	2.10982
560	1005	2.11111
565	1005	2.10809
570	1005	2.10935
575	1005	2.10633
580	1005	2.10803
585	1005	2.10694
590	1005	2.10749
595	1005	2.10518
600	1005	2.10581
605	1005	2.10529
610	1005	2.10522
615	1005	2.10655
620	1005	2.10597
625	1005	2.10658
630	1005	2.10578
635	1005	2.10645
640	1005	2.10602
645	1005	2.10688
650	1005	2.10475
655	1005	2.10719
660	1005	2.10791
665	1005	2.10751
670	1005	2.10901
675	1005	2.11131
680	1005	2.11123
685	1005	2.10981
690	1005	2.10878
695	1005	2.10739
700	1005	2.10692
705	1005	2.10764
710	1005	2.10767
715	1005	2.10862
720	1005	2.10753
725	1005	2.10638
730	1005	2.10567
735	1005	2.1045
740	1005	2.10443
745	1005	2.10401
750	1005	2.10537
755	1005	2.10789
760	1005	2.10709
765	1005	2.10897
770	1005	2.1103
775	1005	2.10896
780	1005	2.10866
785	1005	2.10951
790	1005	2.10626
795	1005	2.10709
800	1005	2.10771

EM wavele nm	EX wavele nm	R1 MicroAmps
805	1005	2.10813
810	1005	2.10812
815	1005	2.1062
820	1005	2.10687
825	1005	2.10538
830	1005	2.10524
835	1005	2.10555
840	1005	2.10674
845	1005	2.10882
850	1005	2.10734
855	1005	2.10773
860	1005	2.10546
865	1005	2.10558
870	1005	2.10626
875	1005	2.10534
880	1005	2.10603
885	1005	2.1062
890	1005	2.10653
895	1005	2.10562
900	1005	2.1066
905	1005	2.10891
910	1005	2.10708
915	1005	2.10855
920	1005	2.10787
925	1005	2.11025
930	1005	2.11049
935	1005	2.10924
940	1005	2.10858
945	1005	2.10691
950	1005	2.10712
955	1005	2.10538
960	1005	2.10447
965	1005	2.10529
970	1005	2.10352
975	1005	2.10391
980	1005	2.10349
985	1005	2.10752
990	1005	2.10593
995	1005	2.1086
1000	1005	2.1093
1005	1005	2.10567
1010	1005	2.10635
1015	1005	2.10451
1020	1005	2.10439
1025	1005	2.10353
1030	1005	2.10429
1035	1005	2.10375
1040	1005	2.10371
1045	1005	2.10588
1050	1005	2.10827
1055	1005	2.10772
1060	1005	2.10719
1065	1005	2.1053
1070	1005	2.10474
1075	1005	2.10418
1080	1005	2.10348
1085	1005	2.10493
1090	1005	2.10455
1095	1005	2.10576
1100	1005	2.10981
1105	1005	2.10881
1110	1005	2.10992
1115	1005	2.10845
1120	1005	2.1061

EM wavele nm	EX wavele nm	R1 MicroAmps
1125	1005	2.10572
1130	1005	2.10243
1135	1005	2.10436
1140	1005	2.10471
1145	1005	2.10224
1150	1005	2.10798
0	1010	2.18691
5	1010	2.18649
10	1010	2.18617
15	1010	2.18951
20	1010	2.18747
25	1010	2.1897
30	1010	2.18901
35	1010	2.18942
40	1010	2.18801
45	1010	2.18681
50	1010	2.18665
55	1010	2.18371
60	1010	2.18574
65	1010	2.18631
70	1010	2.18879
75	1010	2.18875
80	1010	2.19019
85	1010	2.18827
90	1010	2.18893
95	1010	2.18724
100	1010	2.18974
105	1010	2.187
110	1010	2.18775
115	1010	2.18617
120	1010	2.18496
125	1010	2.18573
130	1010	2.18681
135	1010	2.18645
140	1010	2.18735
145	1010	2.18766
150	1010	2.18657
155	1010	2.18894
160	1010	2.18647
165	1010	2.18679
170	1010	2.18662
175	1010	2.18869
180	1010	2.18923
185	1010	2.18723
190	1010	2.18859
195	1010	2.1885
200	1010	2.19049
205	1010	2.18547
210	1010	2.18814
215	1010	2.18528
220	1010	2.18788
225	1010	2.18708
230	1010	2.1869
235	1010	2.18826
240	1010	2.18892
245	1010	2.18902
250	1010	2.18933
255	1010	2.18914
260	1010	2.18808
265	1010	2.18786
270	1010	2.18625
275	1010	2.18651
280	1010	2.18694
285	1010	2.1885

EM wavele nm	EX wavele nm	R1 MicroAmps
290	1010	2.18748
295	1010	2.18792
300	1010	2.18724
305	1010	2.18686
310	1010	2.18481
315	1010	2.18728
320	1010	2.18792
325	1010	2.18985
330	1010	2.19132
335	1010	2.18966
340	1010	2.1898
345	1010	2.18759
350	1010	2.19081
355	1010	2.18735
360	1010	2.1902
365	1010	2.18781
370	1010	2.19029
375	1010	2.18888
380	1010	2.18837
385	1010	2.1879
390	1010	2.18778
395	1010	2.18823
400	1010	2.18582
405	1010	2.18698
410	1010	2.18424
415	1010	2.18668
420	1010	2.18581
425	1010	2.18614
430	1010	2.18629
435	1010	2.18778
440	1010	2.18609
445	1010	2.18651
450	1010	2.18739
455	1010	2.18661
460	1010	2.18933
465	1010	2.18775
470	1010	2.18897
475	1010	2.18778
480	1010	2.18908
485	1010	2.18758
490	1010	2.1896
495	1010	2.18814
500	1010	2.18974
505	1010	2.1881
510	1010	2.18748
515	1010	2.18841
520	1010	2.18685
525	1010	2.18875
530	1010	2.18631
535	1010	2.18765
540	1010	2.18653
545	1010	2.18645
550	1010	2.18614
555	1010	2.18643
560	1010	2.18857
565	1010	2.18714
570	1010	2.18815
575	1010	2.18652
580	1010	2.18898
585	1010	2.18768
590	1010	2.1894
595	1010	2.18908
600	1010	2.19034
605	1010	2.19078

EM wavele nm	EX wavele nm	R1 MicroAmps
610	1010	2.19235
615	1010	2.19136
620	1010	2.19107
625	1010	2.19109
630	1010	2.19019
635	1010	2.191
640	1010	2.18953
645	1010	2.18912
650	1010	2.18815
655	1010	2.18783
660	1010	2.18688
665	1010	2.18909
670	1010	2.18825
675	1010	2.18887
680	1010	2.18912
685	1010	2.1866
690	1010	2.18959
695	1010	2.18696
700	1010	2.18782
705	1010	2.18704
710	1010	2.1859
715	1010	2.18722
720	1010	2.18781
725	1010	2.1879
730	1010	2.18741
735	1010	2.19122
740	1010	2.18909
745	1010	2.18836
750	1010	2.18824
755	1010	2.18731
760	1010	2.19041
765	1010	2.18998
770	1010	2.19073
775	1010	2.19079
780	1010	2.18985
785	1010	2.19088
790	1010	2.18863
795	1010	2.19082
800	1010	2.18959
805	1010	2.18912
810	1010	2.18996
815	1010	2.18815
820	1010	2.18991
825	1010	2.18811
830	1010	2.18724
835	1010	2.1876
840	1010	2.18797
845	1010	2.18758
850	1010	2.18656
855	1010	2.18659
860	1010	2.18667
865	1010	2.18819
870	1010	2.18921
875	1010	2.18643
880	1010	2.18933
885	1010	2.18865
890	1010	2.18787
895	1010	2.18853
900	1010	2.18914
905	1010	2.18917
910	1010	2.18885
915	1010	2.19122
920	1010	2.18899
925	1010	2.19074

EM wavele nm	EX wavele nm	R1 MicroAmps
930	1010	2.18889
935	1010	2.1877
940	1010	2.18807
945	1010	2.18694
950	1010	2.18832
955	1010	2.18835
960	1010	2.1889
965	1010	2.18792
970	1010	2.18829
975	1010	2.18848
980	1010	2.18861
985	1010	2.1884
990	1010	2.18649
995	1010	2.18734
1000	1010	2.18974
1005	1010	2.1878
1010	1010	2.18982
1015	1010	2.18914
1020	1010	2.19128
1025	1010	2.18955
1030	1010	2.18828
1035	1010	2.18959
1040	1010	2.18834
1045	1010	2.18932
1050	1010	2.18954
1055	1010	2.18759
1060	1010	2.18696
1065	1010	2.18512
1070	1010	2.18805
1075	1010	2.18754
1080	1010	2.18822
1085	1010	2.18865
1090	1010	2.18753
1095	1010	2.19054
1100	1010	2.18868
1105	1010	2.18783
1110	1010	2.18854
1115	1010	2.18692
1120	1010	2.1883
1125	1010	2.18976
1130	1010	2.18864
1135	1010	2.19104
1140	1010	2.19025
1145	1010	2.18947
1150	1010	2.1922
0	1015	1.68774
5	1015	1.68774
10	1015	1.68662
15	1015	1.68764
20	1015	1.68748
25	1015	1.6895
30	1015	1.68878
35	1015	1.69038
40	1015	1.68915
45	1015	1.6907
50	1015	1.6898
55	1015	1.69236
60	1015	1.69204
65	1015	1.69077
70	1015	1.69088
75	1015	1.68897
80	1015	1.69047
85	1015	1.68939
90	1015	1.68974

EM wavele nm	EX wavele nm	R1 MicroAmps
95	1015	1.68846
100	1015	1.68979
105	1015	1.68863
110	1015	1.68962
115	1015	1.68839
120	1015	1.68963
125	1015	1.68852
130	1015	1.68988
135	1015	1.68889
140	1015	1.6895
145	1015	1.68849
150	1015	1.68863
155	1015	1.68819
160	1015	1.68715
165	1015	1.68752
170	1015	1.68777
175	1015	1.68744
180	1015	1.68778
185	1015	1.68834
190	1015	1.68795
195	1015	1.69098
200	1015	1.68814
205	1015	1.69035
210	1015	1.68928
215	1015	1.6901
220	1015	1.68901
225	1015	1.68789
230	1015	1.68794
235	1015	1.6886
240	1015	1.68891
245	1015	1.68835
250	1015	1.68746
255	1015	1.68634
260	1015	1.6893
265	1015	1.68876
270	1015	1.68884
275	1015	1.68871
280	1015	1.68952
285	1015	1.68813
290	1015	1.6896
295	1015	1.68771
300	1015	1.68783
305	1015	1.68808
310	1015	1.68591
315	1015	1.68872
320	1015	1.68734
325	1015	1.68806
330	1015	1.68677
335	1015	1.68935
340	1015	1.68727
345	1015	1.68859
350	1015	1.68759
355	1015	1.68933
360	1015	1.68919
365	1015	1.68963
370	1015	1.68827
375	1015	1.68841
380	1015	1.68875
385	1015	1.6875
390	1015	1.68808
395	1015	1.68713
400	1015	1.68936
405	1015	1.68839
410	1015	1.68832

EM wavele nm	EX wavele nm	R1 MicroAmps
415	1015	1.68752
420	1015	1.68858
425	1015	1.68629
430	1015	1.68798
435	1015	1.68871
440	1015	1.68939
445	1015	1.69022
450	1015	1.68861
455	1015	1.68892
460	1015	1.68848
465	1015	1.6902
470	1015	1.68947
475	1015	1.68773
480	1015	1.68899
485	1015	1.68865
490	1015	1.68913
495	1015	1.68898
500	1015	1.68954
505	1015	1.68896
510	1015	1.68857
515	1015	1.68782
520	1015	1.6881
525	1015	1.68826
530	1015	1.68762
535	1015	1.68733
540	1015	1.68719
545	1015	1.68623
550	1015	1.68568
555	1015	1.68578
560	1015	1.68536
565	1015	1.68867
570	1015	1.68827
575	1015	1.69053
580	1015	1.68883
585	1015	1.69025
590	1015	1.68881
595	1015	1.68985
600	1015	1.68954
605	1015	1.68994
610	1015	1.68836
615	1015	1.68679
620	1015	1.68783
625	1015	1.68588
630	1015	1.68888
635	1015	1.68759
640	1015	1.68787
645	1015	1.689
650	1015	1.68867
655	1015	1.68859
660	1015	1.68682
665	1015	1.68787
670	1015	1.68521
675	1015	1.68717
680	1015	1.68539
685	1015	1.68653
690	1015	1.68509
695	1015	1.68624
700	1015	1.68801
705	1015	1.68628
710	1015	1.6903
715	1015	1.68975
720	1015	1.69145
725	1015	1.689
730	1015	1.68957

EM wavele nm	EX wavele nm	R1 MicroAmps
735	1015	1.69
740	1015	1.68807
745	1015	1.68872
750	1015	1.6876
755	1015	1.68861
760	1015	1.68662
765	1015	1.68669
770	1015	1.68894
775	1015	1.68947
780	1015	1.68944
785	1015	1.68895
790	1015	1.68853
795	1015	1.68692
800	1015	1.68868
805	1015	1.6885
810	1015	1.68897
815	1015	1.69017
820	1015	1.68968
825	1015	1.6912
830	1015	1.68848
835	1015	1.68749
840	1015	1.68731
845	1015	1.68616
850	1015	1.68711
855	1015	1.68597
860	1015	1.68825
865	1015	1.68864
870	1015	1.69002
875	1015	1.68823
880	1015	1.68928
885	1015	1.689
890	1015	1.68747
895	1015	1.68742
900	1015	1.6858
905	1015	1.68785
910	1015	1.68775
915	1015	1.68641
920	1015	1.68742
925	1015	1.68597
930	1015	1.68862
935	1015	1.68882
940	1015	1.68914
945	1015	1.69094
950	1015	1.69057
955	1015	1.69185
960	1015	1.68959
965	1015	1.69135
970	1015	1.68817
975	1015	1.68923
980	1015	1.6889
985	1015	1.68873
990	1015	1.69046
995	1015	1.689
1000	1015	1.68947
1005	1015	1.68902
1010	1015	1.68866
1015	1015	1.68888
1020	1015	1.69048
1025	1015	1.68957
1030	1015	1.68873
1035	1015	1.69018
1040	1015	1.68765
1045	1015	1.68781
1050	1015	1.68735

EM wavele nm	EX wavele nm	R1 MicroAmps
1055	1015	1.68781
1060	1015	1.68834
1065	1015	1.68829
1070	1015	1.69021
1075	1015	1.69193
1080	1015	1.69059
1085	1015	1.69159
1090	1015	1.68716
1095	1015	1.68699
1100	1015	1.68902
1105	1015	1.68856
1110	1015	1.68928
1115	1015	1.68949
1120	1015	1.68808
1125	1015	1.68929
1130	1015	1.68721
1135	1015	1.68721
1140	1015	1.68615
1145	1015	1.68806
1150	1015	1.68839
0	1020	1.23795
5	1020	1.23789
10	1020	1.23753
15	1020	1.23817
20	1020	1.23793
25	1020	1.23848
30	1020	1.23738
35	1020	1.2378
40	1020	1.23725
45	1020	1.23844
50	1020	1.23692
55	1020	1.23671
60	1020	1.23722
65	1020	1.23711
70	1020	1.23708
75	1020	1.23773
80	1020	1.23632
85	1020	1.23456
90	1020	1.23494
95	1020	1.23566
100	1020	1.23659
105	1020	1.23633
110	1020	1.23569
115	1020	1.23571
120	1020	1.23664
125	1020	1.23585
130	1020	1.23788
135	1020	1.23729
140	1020	1.23699
145	1020	1.23761
150	1020	1.23803
155	1020	1.23758
160	1020	1.23531
165	1020	1.23614
170	1020	1.23579
175	1020	1.23681
180	1020	1.23674
185	1020	1.23758
190	1020	1.2375
195	1020	1.23816
200	1020	1.23677
205	1020	1.23651
210	1020	1.2362
215	1020	1.23804

EM wavele nm	EX wavele nm	R1 MicroAmps
220	1020	1.23742
225	1020	1.23972
230	1020	1.23868
235	1020	1.23776
240	1020	1.23898
245	1020	1.23751
250	1020	1.23826
255	1020	1.23692
260	1020	1.23693
265	1020	1.23562
270	1020	1.23734
275	1020	1.23609
280	1020	1.2368
285	1020	1.23491
290	1020	1.23642
295	1020	1.23697
300	1020	1.2376
305	1020	1.2364
310	1020	1.23753
315	1020	1.2363
320	1020	1.23851
325	1020	1.23828
330	1020	1.2367
335	1020	1.23752
340	1020	1.23806
345	1020	1.23715
350	1020	1.2365
355	1020	1.2375
360	1020	1.23529
365	1020	1.23627
370	1020	1.23553
375	1020	1.23654
380	1020	1.23505
385	1020	1.23499
390	1020	1.23476
395	1020	1.23417
400	1020	1.23462
405	1020	1.23464
410	1020	1.23613
415	1020	1.23529
420	1020	1.23661
425	1020	1.23604
430	1020	1.2382
435	1020	1.23641
440	1020	1.2372
445	1020	1.2362
450	1020	1.23667
455	1020	1.2364
460	1020	1.23537
465	1020	1.23564
470	1020	1.23627
475	1020	1.23636
480	1020	1.23503
485	1020	1.23608
490	1020	1.23414
495	1020	1.23507
500	1020	1.23504
505	1020	1.23475
510	1020	1.23446
515	1020	1.23397
520	1020	1.23521
525	1020	1.23486
530	1020	1.23659
535	1020	1.23716

EM wavele nm	EX wavele nm	R1 MicroAmps
540	1020	1.23903
545	1020	1.23706
550	1020	1.23773
555	1020	1.23635
560	1020	1.23509
565	1020	1.23761
570	1020	1.23758
575	1020	1.23826
580	1020	1.23779
585	1020	1.23856
590	1020	1.23933
595	1020	1.23974
600	1020	1.2378
605	1020	1.23895
610	1020	1.23689
615	1020	1.23758
620	1020	1.23704
625	1020	1.23735
630	1020	1.2367
635	1020	1.23567
640	1020	1.23704
645	1020	1.23589
650	1020	1.23542
655	1020	1.23455
660	1020	1.23681
665	1020	1.23504
670	1020	1.23622
675	1020	1.23645
680	1020	1.23694
685	1020	1.23725
690	1020	1.23703
695	1020	1.23777
700	1020	1.23735
705	1020	1.23887
710	1020	1.23818
715	1020	1.23796
720	1020	1.23818
725	1020	1.23856
730	1020	1.23774
735	1020	1.23838
740	1020	1.23642
745	1020	1.23645
750	1020	1.23784
755	1020	1.23823
760	1020	1.23947
765	1020	1.2389
770	1020	1.23867
775	1020	1.23946
780	1020	1.23836
785	1020	1.23887
790	1020	1.23801
795	1020	1.23707
800	1020	1.23733
805	1020	1.23602
810	1020	1.23583
815	1020	1.23671
820	1020	1.23646
825	1020	1.23736
830	1020	1.23663
835	1020	1.23772
840	1020	1.23689
845	1020	1.23786
850	1020	1.23837
855	1020	1.23755

EM wavele nm	EX wavele nm	R1 MicroAmps
860	1020	1.23801
865	1020	1.23751
870	1020	1.23873
875	1020	1.23774
880	1020	1.23845
885	1020	1.23846
890	1020	1.23811
895	1020	1.23714
900	1020	1.23751
905	1020	1.2379
910	1020	1.23724
915	1020	1.23906
920	1020	1.23759
925	1020	1.23664
930	1020	1.2372
935	1020	1.23726
940	1020	1.237
945	1020	1.23678
950	1020	1.23764
955	1020	1.23657
960	1020	1.23654
965	1020	1.23569
970	1020	1.23483
975	1020	1.23501
980	1020	1.23483
985	1020	1.23463
990	1020	1.23545
995	1020	1.23527
1000	1020	1.23622
1005	1020	1.23616
1010	1020	1.23607
1015	1020	1.23638
1020	1020	1.23549
1025	1020	1.2367
1030	1020	1.23697
1035	1020	1.23665
1040	1020	1.23782
1045	1020	1.23684
1050	1020	1.23694
1055	1020	1.23703
1060	1020	1.23848
1065	1020	1.2375
1070	1020	1.23711
1075	1020	1.23804
1080	1020	1.23703
1085	1020	1.23764
1090	1020	1.23815
1095	1020	1.23766
1100	1020	1.23863
1105	1020	1.2382
1110	1020	1.23675
1115	1020	1.23685
1120	1020	1.23551
1125	1020	1.23581
1130	1020	1.23609
1135	1020	1.23656
1140	1020	1.23728
1145	1020	1.23787
1150	1020	1.23869
0	1025	1.10887
5	1025	1.10853
10	1025	1.1083
15	1025	1.10835
20	1025	1.10818

EM wavele nm	EX wavele nm	R1 MicroAmps
25	1025	1.10817
30	1025	1.10856
35	1025	1.1075
40	1025	1.10849
45	1025	1.1094
50	1025	1.1093
55	1025	1.10815
60	1025	1.10756
65	1025	1.10779
70	1025	1.10727
75	1025	1.1086
80	1025	1.10834
85	1025	1.10912
90	1025	1.10817
95	1025	1.10789
100	1025	1.1088
105	1025	1.10927
110	1025	1.1082
115	1025	1.10888
120	1025	1.10931
125	1025	1.10918
130	1025	1.10942
135	1025	1.10913
140	1025	1.10992
145	1025	1.10974
150	1025	1.10856
155	1025	1.10907
160	1025	1.10906
165	1025	1.10888
170	1025	1.1092
175	1025	1.10827
180	1025	1.10724
185	1025	1.10882
190	1025	1.10876
195	1025	1.10947
200	1025	1.10858
205	1025	1.10912
210	1025	1.10955
215	1025	1.11056
220	1025	1.1088
225	1025	1.11
230	1025	1.10854
235	1025	1.10916
240	1025	1.10808
245	1025	1.10854
250	1025	1.10798
255	1025	1.10796
260	1025	1.10965
265	1025	1.11096
270	1025	1.10966
275	1025	1.11025
280	1025	1.10945
285	1025	1.10946
290	1025	1.10982
295	1025	1.10868
300	1025	1.10902
305	1025	1.10894
310	1025	1.10858
315	1025	1.1086
320	1025	1.11058
325	1025	1.10999
330	1025	1.11025
335	1025	1.11019
340	1025	1.11056

EM wavele nm	EX wavele nm	R1 MicroAmps
345	1025	1.11013
350	1025	1.10966
355	1025	1.10917
360	1025	1.10795
365	1025	1.10883
370	1025	1.10925
375	1025	1.10928
380	1025	1.1093
385	1025	1.11036
390	1025	1.10908
395	1025	1.11127
400	1025	1.10922
405	1025	1.11029
410	1025	1.10935
415	1025	1.10928
420	1025	1.11001
425	1025	1.11023
430	1025	1.10994
435	1025	1.11025
440	1025	1.11045
445	1025	1.10952
450	1025	1.10976
455	1025	1.10964
460	1025	1.11002
465	1025	1.10933
470	1025	1.10967
475	1025	1.10804
480	1025	1.10869
485	1025	1.10847
490	1025	1.1095
495	1025	1.10972
500	1025	1.11058
505	1025	1.11053
510	1025	1.10978
515	1025	1.11028
520	1025	1.10847
525	1025	1.10966
530	1025	1.10761
535	1025	1.10768
540	1025	1.10859
545	1025	1.10898
550	1025	1.10922
555	1025	1.11027
560	1025	1.11077
565	1025	1.10981
570	1025	1.10999
575	1025	1.10763
580	1025	1.10872
585	1025	1.10713
590	1025	1.10795
595	1025	1.10809
600	1025	1.10935
605	1025	1.10916
610	1025	1.1104
615	1025	1.10948
620	1025	1.10864
625	1025	1.10793
630	1025	1.10838
635	1025	1.10905
640	1025	1.10845
645	1025	1.10918
650	1025	1.10811
655	1025	1.10939
660	1025	1.10977

EM wavele nm	EX wavele nm	R1 MicroAmps
665	1025	1.11017
670	1025	1.10868
675	1025	1.10871
680	1025	1.10896
685	1025	1.10765
690	1025	1.1084
695	1025	1.10804
700	1025	1.10891
705	1025	1.10894
710	1025	1.10909
715	1025	1.1098
720	1025	1.10875
725	1025	1.10895
730	1025	1.10755
735	1025	1.10863
740	1025	1.10862
745	1025	1.10882
750	1025	1.10953
755	1025	1.11043
760	1025	1.10901
765	1025	1.10865
770	1025	1.10963
775	1025	1.10921
780	1025	1.11004
785	1025	1.10856
790	1025	1.108
795	1025	1.10741
800	1025	1.10738
805	1025	1.10847
810	1025	1.10823
815	1025	1.10796
820	1025	1.10851
825	1025	1.10912
830	1025	1.10883
835	1025	1.10923
840	1025	1.11018
845	1025	1.1101
850	1025	1.10924
855	1025	1.10863
860	1025	1.10738
865	1025	1.10782
870	1025	1.10749
875	1025	1.10844
880	1025	1.1096
885	1025	1.10818
890	1025	1.10819
895	1025	1.10834
900	1025	1.10903
905	1025	1.10922
910	1025	1.10929
915	1025	1.11063
920	1025	1.1099
925	1025	1.11025
930	1025	1.1095
935	1025	1.10993
940	1025	1.11014
945	1025	1.10953
950	1025	1.11091
955	1025	1.11019
960	1025	1.11054
965	1025	1.10973
970	1025	1.10908
975	1025	1.10871
980	1025	1.10931

EM wavele nm	EX wavele nm	R1 MicroAmps
985	1025	1.11002
990	1025	1.11018
995	1025	1.1105
1000	1025	1.10946
1005	1025	1.11005
1010	1025	1.10904
1015	1025	1.10869
1020	1025	1.10876
1025	1025	1.1082
1030	1025	1.10839
1035	1025	1.10882
1040	1025	1.11027
1045	1025	1.11131
1050	1025	1.10993
1055	1025	1.11109
1060	1025	1.11079
1065	1025	1.1105
1070	1025	1.10909
1075	1025	1.1078
1080	1025	1.1097
1085	1025	1.10885
1090	1025	1.10793
1095	1025	1.10942
1100	1025	1.10874
1105	1025	1.10897
1110	1025	1.10928
1115	1025	1.10922
1120	1025	1.11
1125	1025	1.10972
1130	1025	1.11073
1135	1025	1.11191
1140	1025	1.11086
1145	1025	1.11181
1150	1025	1.11034
0	1030	1.06073
5	1030	1.05998
10	1030	1.06121
15	1030	1.06051
20	1030	1.06106
25	1030	1.06043
30	1030	1.0597
35	1030	1.05881
40	1030	1.05879
45	1030	1.05933
50	1030	1.05962
55	1030	1.05894
60	1030	1.05998
65	1030	1.06026
70	1030	1.06026
75	1030	1.06128
80	1030	1.05991
85	1030	1.06023
90	1030	1.05865
95	1030	1.05827
100	1030	1.05905
105	1030	1.05926
110	1030	1.05882
115	1030	1.05769
120	1030	1.05922
125	1030	1.0601
130	1030	1.06064
135	1030	1.06187
140	1030	1.06179
145	1030	1.06155

EM wavele nm	EX wavele nm	R1 MicroAmps
150	1030	1.06118
155	1030	1.06013
160	1030	1.06025
165	1030	1.05904
170	1030	1.05877
175	1030	1.05978
180	1030	1.05934
185	1030	1.0595
190	1030	1.06064
195	1030	1.05958
200	1030	1.05991
205	1030	1.06046
210	1030	1.06028
215	1030	1.05999
220	1030	1.06018
225	1030	1.05912
230	1030	1.05961
235	1030	1.05987
240	1030	1.06058
245	1030	1.05941
250	1030	1.05945
255	1030	1.05942
260	1030	1.05937
265	1030	1.05891
270	1030	1.05952
275	1030	1.0603
280	1030	1.06003
285	1030	1.05947
290	1030	1.05982
295	1030	1.05839
300	1030	1.05878
305	1030	1.05953
310	1030	1.05939
315	1030	1.05876
320	1030	1.06027
325	1030	1.06009
330	1030	1.0609
335	1030	1.05932
340	1030	1.06104
345	1030	1.05991
350	1030	1.06065
355	1030	1.06031
360	1030	1.06011
365	1030	1.05968
370	1030	1.06024
375	1030	1.05971
380	1030	1.0596
385	1030	1.0599
390	1030	1.05921
395	1030	1.05965
400	1030	1.05784
405	1030	1.05813
410	1030	1.05896
415	1030	1.05937
420	1030	1.05951
425	1030	1.05855
430	1030	1.05826
435	1030	1.05853
440	1030	1.059
445	1030	1.05824
450	1030	1.05841
455	1030	1.05776
460	1030	1.05834
465	1030	1.05781

EM wavele nm	EX wavele nm	R1 MicroAmps
470	1030	1.0586
475	1030	1.05815
480	1030	1.05835
485	1030	1.0584
490	1030	1.05965
495	1030	1.05867
500	1030	1.05819
505	1030	1.05932
510	1030	1.05901
515	1030	1.05921
520	1030	1.05871
525	1030	1.05983
530	1030	1.05991
535	1030	1.05994
540	1030	1.05931
545	1030	1.05982
550	1030	1.05848
555	1030	1.05818
560	1030	1.05805
565	1030	1.05807
570	1030	1.05906
575	1030	1.05985
580	1030	1.05922
585	1030	1.05987
590	1030	1.05807
595	1030	1.05806
600	1030	1.05796
605	1030	1.05848
610	1030	1.05805
615	1030	1.05799
620	1030	1.05919
625	1030	1.05927
630	1030	1.0601
635	1030	1.06019
640	1030	1.05959
645	1030	1.05997
650	1030	1.05978
655	1030	1.0596
660	1030	1.05964
665	1030	1.05897
670	1030	1.05948
675	1030	1.05952
680	1030	1.06009
685	1030	1.06087
690	1030	1.05939
695	1030	1.05986
700	1030	1.05877
705	1030	1.05894
710	1030	1.05912
715	1030	1.0588
720	1030	1.0602
725	1030	1.0598
730	1030	1.05999
735	1030	1.05908
740	1030	1.05849
745	1030	1.05957
750	1030	1.05892
755	1030	1.05949
760	1030	1.0588
765	1030	1.06005
770	1030	1.05993
775	1030	1.05976
780	1030	1.05999
785	1030	1.05918

EM wavele nm	EX wavele nm	R1 MicroAmps
790	1030	1.06016
795	1030	1.05957
800	1030	1.06126
805	1030	1.05941
810	1030	1.06051
815	1030	1.0603
820	1030	1.05866
825	1030	1.0598
830	1030	1.05909
835	1030	1.06085
840	1030	1.05894
845	1030	1.05971
850	1030	1.05828
855	1030	1.05872
860	1030	1.05934
865	1030	1.05794
870	1030	1.05804
875	1030	1.05877
880	1030	1.05974
885	1030	1.06003
890	1030	1.05927
895	1030	1.06091
900	1030	1.05935
905	1030	1.06066
910	1030	1.059
915	1030	1.05967
920	1030	1.05984
925	1030	1.0593
930	1030	1.05955
935	1030	1.06014
940	1030	1.06043
945	1030	1.05971
950	1030	1.06006
955	1030	1.06004
960	1030	1.05956
965	1030	1.06074
970	1030	1.06019
975	1030	1.06058
980	1030	1.05934
985	1030	1.05821
990	1030	1.05935
995	1030	1.05936
1000	1030	1.05949
1005	1030	1.05861
1010	1030	1.05914
1015	1030	1.05881
1020	1030	1.05792
1025	1030	1.05879
1030	1030	1.0593
1035	1030	1.06076
1040	1030	1.06075
1045	1030	1.06013
1050	1030	1.06076
1055	1030	1.06016
1060	1030	1.05956
1065	1030	1.0603
1070	1030	1.05981
1075	1030	1.05987
1080	1030	1.05972
1085	1030	1.05968
1090	1030	1.06029
1095	1030	1.06051
1100	1030	1.06091
1105	1030	1.06082

EM wavele nm	EX wavele nm	R1 MicroAmps
1110	1030	1.06137
1115	1030	1.06165
1120	1030	1.06172
1125	1030	1.06222
1130	1030	1.0607
1135	1030	1.06011
1140	1030	1.05922
1145	1030	1.05845
1150	1030	1.05865
0	1035	1.00408
5	1035	1.00504
10	1035	1.00378
15	1035	1.00385
20	1035	1.00326
25	1035	1.00357
30	1035	1.00391
35	1035	1.00257
40	1035	1.00278
45	1035	1.00325
50	1035	1.00427
55	1035	1.00403
60	1035	1.00379
65	1035	1.00255
70	1035	1.00472
75	1035	1.00268
80	1035	1.00359
85	1035	1.00475
90	1035	1.00429
95	1035	1.00458
100	1035	1.00394
105	1035	1.00383
110	1035	1.00328
115	1035	1.00347
120	1035	1.00343
125	1035	1.00466
130	1035	1.00368
135	1035	1.00434
140	1035	1.00382
145	1035	1.00367
150	1035	1.00404
155	1035	1.00504
160	1035	1.00502
165	1035	1.00515
170	1035	1.00433
175	1035	1.00444
180	1035	1.00458
185	1035	1.00335
190	1035	1.00445
195	1035	1.00353
200	1035	1.00472
205	1035	1.00368
210	1035	1.00435
215	1035	1.00366
220	1035	1.00471
225	1035	1.00258
230	1035	1.00352
235	1035	1.0038
240	1035	1.00381
245	1035	1.00446
250	1035	1.00426
255	1035	1.00421
260	1035	1.00396
265	1035	1.00383
270	1035	1.00345

EM wavele nm	EX wavele nm	R1 MicroAmps
275	1035	1.00425
280	1035	1.00471
285	1035	1.00545
290	1035	1.00522
295	1035	1.00593
300	1035	1.00405
305	1035	1.00526
310	1035	1.00492
315	1035	1.00425
320	1035	1.0036
325	1035	1.00432
330	1035	1.00407
335	1035	1.00342
340	1035	1.00438
345	1035	1.00233
350	1035	1.00284
355	1035	1.00191
360	1035	1.00283
365	1035	1.00185
370	1035	1.00292
375	1035	1.00323
380	1035	1.00479
385	1035	1.0039
390	1035	1.00446
395	1035	1.00371
400	1035	1.00279
405	1035	1.00305
410	1035	1.00276
415	1035	1.00334
420	1035	1.00347
425	1035	1.00345
430	1035	1.00322
435	1035	1.00342
440	1035	1.00208
445	1035	1.00344
450	1035	1.00313
455	1035	1.0032
460	1035	1.00352
465	1035	1.00399
470	1035	1.00266
475	1035	1.00364
480	1035	1.00463
485	1035	1.00446
490	1035	1.00487
495	1035	1.00411
500	1035	1.00403
505	1035	1.00307
510	1035	1.00397
515	1035	1.00361
520	1035	1.00316
525	1035	1.0027
530	1035	1.00353
535	1035	1.00267
540	1035	1.00267
545	1035	1.00263
550	1035	1.00235
555	1035	1.0016
560	1035	1.00206
565	1035	1.00215
570	1035	1.00332
575	1035	1.00392
580	1035	1.00349
585	1035	1.00378
590	1035	1.0039

EM wavele nm	EX wavele nm	R1 MicroAmps
595	1035	1.00283
600	1035	1.00323
605	1035	1.0036
610	1035	1.00268
615	1035	1.00415
620	1035	1.00417
625	1035	1.00415
630	1035	1.00452
635	1035	1.0039
640	1035	1.00408
645	1035	1.00411
650	1035	1.00359
655	1035	1.00438
660	1035	1.00313
665	1035	1.00249
670	1035	1.00395
675	1035	1.00488
680	1035	1.00523
685	1035	1.00403
690	1035	1.00387
695	1035	1.00326
700	1035	1.00407
705	1035	1.00453
710	1035	1.00252
715	1035	1.00336
720	1035	1.00357
725	1035	1.0031
730	1035	1.00353
735	1035	1.00336
740	1035	1.00327
745	1035	1.00307
750	1035	1.00385
755	1035	1.00435
760	1035	1.00475
765	1035	1.0042
770	1035	1.00381
775	1035	1.00373
780	1035	1.0032
785	1035	1.00354
790	1035	1.00328
795	1035	1.00523
800	1035	1.00462
805	1035	1.00461
810	1035	1.00442
815	1035	1.00409
820	1035	1.00464
825	1035	1.00394
830	1035	1.00488
835	1035	1.00422
840	1035	1.00481
845	1035	1.00492
850	1035	1.00361
855	1035	1.00479
860	1035	1.00368
865	1035	1.0042
870	1035	1.00358
875	1035	1.00421
880	1035	1.00371
885	1035	1.00306
890	1035	1.00384
895	1035	1.00264
900	1035	1.00419
905	1035	1.00407
910	1035	1.00491

EM wavele nm	EX wavele nm	R1 MicroAmps
915	1035	1.00473
920	1035	1.00448
925	1035	1.00472
930	1035	1.00487
935	1035	1.00536
940	1035	1.00522
945	1035	1.00512
950	1035	1.00447
955	1035	1.0034
960	1035	1.00405
965	1035	1.00293
970	1035	1.00381
975	1035	1.00379
980	1035	1.00458
985	1035	1.00474
990	1035	1.0041
995	1035	1.00483
1000	1035	1.00501
1005	1035	1.00494
1010	1035	1.00553
1015	1035	1.00542
1020	1035	1.00611
1025	1035	1.00609
1030	1035	1.00611
1035	1035	1.00542
1040	1035	1.0053
1045	1035	1.00459
1050	1035	1.00381
1055	1035	1.00436
1060	1035	1.00442
1065	1035	1.0051
1070	1035	1.0051
1075	1035	1.00469
1080	1035	1.00522
1085	1035	1.00485
1090	1035	1.00538
1095	1035	1.00496
1100	1035	1.00483
1105	1035	1.00512
1110	1035	1.00402
1115	1035	1.00458
1120	1035	1.00338
1125	1035	1.00441
1130	1035	1.00473
1135	1035	1.00384
1140	1035	1.00493
1145	1035	1.00486
1150	1035	1.00385
0	1040	0.94722
5	1040	0.94736
10	1040	0.94724
15	1040	0.94698
20	1040	0.94708
25	1040	0.94818
30	1040	0.94875
35	1040	0.94856
40	1040	0.94835
45	1040	0.94747
50	1040	0.94675
55	1040	0.94664
60	1040	0.94698
65	1040	0.94729
70	1040	0.94737
75	1040	0.94754

EM wavele nm	EX wavele nm	R1 MicroAmps
80	1040	0.94721
85	1040	0.94793
90	1040	0.94711
95	1040	0.94766
100	1040	0.9477
105	1040	0.94808
110	1040	0.94778
115	1040	0.94851
120	1040	0.9481
125	1040	0.94842
130	1040	0.9484
135	1040	0.94767
140	1040	0.94719
145	1040	0.94752
150	1040	0.9472
155	1040	0.94721
160	1040	0.94776
165	1040	0.94748
170	1040	0.94851
175	1040	0.94846
180	1040	0.94891
185	1040	0.94906
190	1040	0.94842
195	1040	0.948
200	1040	0.94726
205	1040	0.94665
210	1040	0.94704
215	1040	0.94803
220	1040	0.94804
225	1040	0.94823
230	1040	0.94776
235	1040	0.94832
240	1040	0.94783
245	1040	0.94787
250	1040	0.94818
255	1040	0.94814
260	1040	0.94732
265	1040	0.94709
270	1040	0.94668
275	1040	0.94784
280	1040	0.94884
285	1040	0.948
290	1040	0.94835
295	1040	0.94822
300	1040	0.9482
305	1040	0.94799
310	1040	0.94766
315	1040	0.94664
320	1040	0.94613
325	1040	0.94743
330	1040	0.94808
335	1040	0.94815
340	1040	0.94852
345	1040	0.94795
350	1040	0.94831
355	1040	0.94912
360	1040	0.94887
365	1040	0.94859
370	1040	0.94837
375	1040	0.94808
380	1040	0.94769
385	1040	0.94722
390	1040	0.94716
395	1040	0.94718

EM wavele nm	EX wavele nm	R1 MicroAmps
400	1040	0.94667
405	1040	0.94649
410	1040	0.94649
415	1040	0.94757
420	1040	0.94762
425	1040	0.94741
430	1040	0.94663
435	1040	0.94726
440	1040	0.94737
445	1040	0.94773
450	1040	0.94706
455	1040	0.94729
460	1040	0.9469
465	1040	0.94805
470	1040	0.94784
475	1040	0.94769
480	1040	0.94944
485	1040	0.94801
490	1040	0.94937
495	1040	0.94803
500	1040	0.94822
505	1040	0.94678
510	1040	0.94765
515	1040	0.94607
520	1040	0.94657
525	1040	0.94713
530	1040	0.94769
535	1040	0.94737
540	1040	0.94736
545	1040	0.94785
550	1040	0.94678
555	1040	0.94789
560	1040	0.94711
565	1040	0.94748
570	1040	0.94747
575	1040	0.94791
580	1040	0.94825
585	1040	0.94794
590	1040	0.94888
595	1040	0.94827
600	1040	0.9494
605	1040	0.94801
610	1040	0.94883
615	1040	0.94862
620	1040	0.94886
625	1040	0.94787
630	1040	0.94832
635	1040	0.94894
640	1040	0.9482
645	1040	0.94868
650	1040	0.94717
655	1040	0.94735
660	1040	0.94638
665	1040	0.94799
670	1040	0.94677
675	1040	0.94719
680	1040	0.9465
685	1040	0.94701
690	1040	0.94725
695	1040	0.94606
700	1040	0.94722
705	1040	0.94743
710	1040	0.94758
715	1040	0.94704

EM wavele nm	EX wavele nm	R1 MicroAmps
720	1040	0.94701
725	1040	0.94657
730	1040	0.947
735	1040	0.948
740	1040	0.94823
745	1040	0.94814
750	1040	0.94744
755	1040	0.94788
760	1040	0.9477
765	1040	0.94822
770	1040	0.94758
775	1040	0.94629
780	1040	0.94703
785	1040	0.94598
790	1040	0.94707
795	1040	0.94588
800	1040	0.94601
805	1040	0.9458
810	1040	0.94615
815	1040	0.94704
820	1040	0.94652
825	1040	0.94723
830	1040	0.94663
835	1040	0.94638
840	1040	0.94755
845	1040	0.94696
850	1040	0.94804
855	1040	0.94736
860	1040	0.94711
865	1040	0.94728
870	1040	0.9477
875	1040	0.9481
880	1040	0.94711
885	1040	0.94715
890	1040	0.94686
895	1040	0.94698
900	1040	0.94649
905	1040	0.94666
910	1040	0.94753
915	1040	0.94791
920	1040	0.94859
925	1040	0.9483
930	1040	0.94727
935	1040	0.94811
940	1040	0.94689
945	1040	0.94716
950	1040	0.94838
955	1040	0.94695
960	1040	0.94755
965	1040	0.94699
970	1040	0.94701
975	1040	0.94775
980	1040	0.94787
985	1040	0.94789
990	1040	0.94756
995	1040	0.94913
1000	1040	0.94869
1005	1040	0.94869
1010	1040	0.94616
1015	1040	0.94648
1020	1040	0.94812
1025	1040	0.94765
1030	1040	0.94868
1035	1040	0.94793

EM wavele nm	EX wavele nm	R1 MicroAmps
1040	1040	0.94827
1045	1040	0.94783
1050	1040	0.94691
1055	1040	0.94633
1060	1040	0.94612
1065	1040	0.94623
1070	1040	0.94649
1075	1040	0.9467
1080	1040	0.94781
1085	1040	0.94717
1090	1040	0.94728
1095	1040	0.94833
1100	1040	0.94723
1105	1040	0.94785
1110	1040	0.94781
1115	1040	0.94685
1120	1040	0.94719
1125	1040	0.94698
1130	1040	0.94687
1135	1040	0.94665
1140	1040	0.94634
1145	1040	0.94704
1150	1040	0.94687
0	1045	0.93398
5	1045	0.93333
10	1045	0.93454
15	1045	0.93559
20	1045	0.93433
25	1045	0.93483
30	1045	0.9345
35	1045	0.93524
40	1045	0.93395
45	1045	0.93377
50	1045	0.93384
55	1045	0.9344
60	1045	0.93315
65	1045	0.93399
70	1045	0.93403
75	1045	0.93423
80	1045	0.93479
85	1045	0.93443
90	1045	0.93404
95	1045	0.93496
100	1045	0.93529
105	1045	0.93523
110	1045	0.93551
115	1045	0.93524
120	1045	0.93419
125	1045	0.93412
130	1045	0.93361
135	1045	0.93429
140	1045	0.93406
145	1045	0.93444
150	1045	0.93406
155	1045	0.93489
160	1045	0.93477
165	1045	0.93536
170	1045	0.93504
175	1045	0.9351
180	1045	0.93513
185	1045	0.93621
190	1045	0.93606
195	1045	0.93477
200	1045	0.93488

EM wavele nm	EX wavele nm	R1 MicroAmps
205	1045	0.93445
210	1045	0.9349
215	1045	0.93482
220	1045	0.9353
225	1045	0.93497
230	1045	0.93549
235	1045	0.93587
240	1045	0.9359
245	1045	0.93462
250	1045	0.9341
255	1045	0.9334
260	1045	0.93322
265	1045	0.93329
270	1045	0.93321
275	1045	0.93367
280	1045	0.93392
285	1045	0.9347
290	1045	0.93386
295	1045	0.9346
300	1045	0.93464
305	1045	0.93489
310	1045	0.93492
315	1045	0.93501
320	1045	0.93551
325	1045	0.93539
330	1045	0.93555
335	1045	0.93518
340	1045	0.93626
345	1045	0.93511
350	1045	0.93485
355	1045	0.93468
360	1045	0.93471
365	1045	0.93554
370	1045	0.93541
375	1045	0.93502
380	1045	0.93529
385	1045	0.93575
390	1045	0.93519
395	1045	0.93516
400	1045	0.93447
405	1045	0.93464
410	1045	0.93531
415	1045	0.93566
420	1045	0.93509
425	1045	0.9355
430	1045	0.93473
435	1045	0.9347
440	1045	0.93462
445	1045	0.93482
450	1045	0.93396
455	1045	0.93476
460	1045	0.93582
465	1045	0.93553
470	1045	0.93638
475	1045	0.9364
480	1045	0.93598
485	1045	0.9361
490	1045	0.9358
495	1045	0.93568
500	1045	0.93613
505	1045	0.93482
510	1045	0.93585
515	1045	0.9352
520	1045	0.93595

EM wavele nm	EX wavele nm	R1 MicroAmps
525	1045	0.93468
530	1045	0.93457
535	1045	0.93457
540	1045	0.93516
545	1045	0.93494
550	1045	0.93521
555	1045	0.93501
560	1045	0.93444
565	1045	0.93459
570	1045	0.93455
575	1045	0.93538
580	1045	0.93498
585	1045	0.9352
590	1045	0.9353
595	1045	0.93593
600	1045	0.93446
605	1045	0.9346
610	1045	0.93508
615	1045	0.93503
620	1045	0.93505
625	1045	0.93526
630	1045	0.93551
635	1045	0.93485
640	1045	0.93548
645	1045	0.93457
650	1045	0.93492
655	1045	0.93374
660	1045	0.93386
665	1045	0.93501
670	1045	0.93418
675	1045	0.93514
680	1045	0.93353
685	1045	0.93531
690	1045	0.9345
695	1045	0.93499
700	1045	0.93572
705	1045	0.93525
710	1045	0.93585
715	1045	0.93473
720	1045	0.9354
725	1045	0.93459
730	1045	0.93439
735	1045	0.93421
740	1045	0.93519
745	1045	0.9349
750	1045	0.93503
755	1045	0.93562
760	1045	0.93403
765	1045	0.93415
770	1045	0.9339
775	1045	0.93467
780	1045	0.93507
785	1045	0.93553
790	1045	0.93576
795	1045	0.93418
800	1045	0.93522
805	1045	0.93413
810	1045	0.93494
815	1045	0.93495
820	1045	0.93478
825	1045	0.93483
830	1045	0.93461
835	1045	0.93488
840	1045	0.93456

EM wavele nm	EX wavele nm	R1 MicroAmps
845	1045	0.93561
850	1045	0.93563
855	1045	0.93467
860	1045	0.93533
865	1045	0.93486
870	1045	0.93564
875	1045	0.93367
880	1045	0.93471
885	1045	0.93385
890	1045	0.93312
895	1045	0.93389
900	1045	0.93365
905	1045	0.93474
910	1045	0.93505
915	1045	0.93542
920	1045	0.93627
925	1045	0.93637
930	1045	0.9376
935	1045	0.93672
940	1045	0.93712
945	1045	0.93577
950	1045	0.93597
955	1045	0.93594
960	1045	0.93479
965	1045	0.93514
970	1045	0.93419
975	1045	0.93589
980	1045	0.93506
985	1045	0.93649
990	1045	0.93533
995	1045	0.93679
1000	1045	0.93708
1005	1045	0.93654
1010	1045	0.93721
1015	1045	0.93624
1020	1045	0.93676
1025	1045	0.93557
1030	1045	0.9369
1035	1045	0.93621
1040	1045	0.93598
1045	1045	0.93642
1050	1045	0.93566
1055	1045	0.93698
1060	1045	0.93644
1065	1045	0.93548
1070	1045	0.93592
1075	1045	0.93492
1080	1045	0.93491
1085	1045	0.93451
1090	1045	0.93454
1095	1045	0.93516
1100	1045	0.93448
1105	1045	0.93543
1110	1045	0.93514
1115	1045	0.93593
1120	1045	0.93561
1125	1045	0.9356
1130	1045	0.93668
1135	1045	0.93535
1140	1045	0.93467
1145	1045	0.93496
1150	1045	0.93504
0	1050	0.9683
5	1050	0.96744

EM wavele nm	EX wavele nm	R1 MicroAmps
10	1050	0.9678
15	1050	0.96751
20	1050	0.96726
25	1050	0.96646
30	1050	0.96773
35	1050	0.96731
40	1050	0.96779
45	1050	0.96702
50	1050	0.96653
55	1050	0.96697
60	1050	0.9669
65	1050	0.96673
70	1050	0.96784
75	1050	0.96744
80	1050	0.96776
85	1050	0.96884
90	1050	0.96814
95	1050	0.96904
100	1050	0.96802
105	1050	0.96818
110	1050	0.96799
115	1050	0.96852
120	1050	0.96812
125	1050	0.96843
130	1050	0.96819
135	1050	0.96853
140	1050	0.96885
145	1050	0.96745
150	1050	0.96747
155	1050	0.96705
160	1050	0.96777
165	1050	0.96741
170	1050	0.96741
175	1050	0.96704
180	1050	0.96714
185	1050	0.96786
190	1050	0.9672
195	1050	0.9672
200	1050	0.96637
205	1050	0.96679
210	1050	0.96637
215	1050	0.96595
220	1050	0.96704
225	1050	0.96784
230	1050	0.96787
235	1050	0.96801
240	1050	0.96804
245	1050	0.9681
250	1050	0.96804
255	1050	0.96788
260	1050	0.96851
265	1050	0.96884
270	1050	0.96864
275	1050	0.96884
280	1050	0.96776
285	1050	0.96704
290	1050	0.96787
295	1050	0.96737
300	1050	0.96743
305	1050	0.96673
310	1050	0.96734
315	1050	0.96681
320	1050	0.96667
325	1050	0.96704

EM wavele nm	EX wavele nm	R1 MicroAmps
330	1050	0.9668
335	1050	0.967
340	1050	0.96694
345	1050	0.96763
350	1050	0.96774
355	1050	0.96831
360	1050	0.96849
365	1050	0.96843
370	1050	0.96823
375	1050	0.96718
380	1050	0.96788
385	1050	0.96703
390	1050	0.96696
395	1050	0.96709
400	1050	0.96774
405	1050	0.96767
410	1050	0.96765
415	1050	0.96792
420	1050	0.96902
425	1050	0.9685
430	1050	0.96808
435	1050	0.96831
440	1050	0.96731
445	1050	0.9681
450	1050	0.96769
455	1050	0.96862
460	1050	0.9682
465	1050	0.96779
470	1050	0.96707
475	1050	0.96863
480	1050	0.96831
485	1050	0.96793
490	1050	0.96836
495	1050	0.96749
500	1050	0.96926
505	1050	0.96847
510	1050	0.96939
515	1050	0.96944
520	1050	0.96902
525	1050	0.96778
530	1050	0.96778
535	1050	0.96702
540	1050	0.96786
545	1050	0.96882
550	1050	0.96841
555	1050	0.96857
560	1050	0.96769
565	1050	0.96788
570	1050	0.96684
575	1050	0.96745
580	1050	0.96692
585	1050	0.96757
590	1050	0.96682
595	1050	0.96779
600	1050	0.96792
605	1050	0.96779
610	1050	0.96865
615	1050	0.96712
620	1050	0.96818
625	1050	0.966
630	1050	0.967
635	1050	0.96859
640	1050	0.96873
645	1050	0.96909

EM wavele nm	EX wavele nm	R1 MicroAmps
650	1050	0.96999
655	1050	0.97051
660	1050	0.96842
665	1050	0.96928
670	1050	0.96752
675	1050	0.96795
680	1050	0.96658
685	1050	0.96637
690	1050	0.96561
695	1050	0.96697
700	1050	0.96752
705	1050	0.96822
710	1050	0.9686
715	1050	0.96749
720	1050	0.9677
725	1050	0.96685
730	1050	0.96658
735	1050	0.96662
740	1050	0.96604
745	1050	0.96662
750	1050	0.96702
755	1050	0.96778
760	1050	0.96744
765	1050	0.96762
770	1050	0.96748
775	1050	0.9665
780	1050	0.96819
785	1050	0.96784
790	1050	0.96818
795	1050	0.96796
800	1050	0.96832
805	1050	0.96772
810	1050	0.96711
815	1050	0.96783
820	1050	0.96812
825	1050	0.96814
830	1050	0.96952
835	1050	0.96866
840	1050	0.96949
845	1050	0.96841
850	1050	0.96812
855	1050	0.96755
860	1050	0.9678
865	1050	0.96842
870	1050	0.9678
875	1050	0.9686
880	1050	0.9688
885	1050	0.96875
890	1050	0.96799
895	1050	0.96769
900	1050	0.96772
905	1050	0.96641
910	1050	0.96714
915	1050	0.96792
920	1050	0.96818
925	1050	0.96851
930	1050	0.96769
935	1050	0.96793
940	1050	0.96637
945	1050	0.96852
950	1050	0.96798
955	1050	0.96813
960	1050	0.96836
965	1050	0.96744

EM wavele nm	EX wavele nm	R1 MicroAmps
970	1050	0.96876
975	1050	0.96781
980	1050	0.96727
985	1050	0.96759
990	1050	0.967
995	1050	0.96829
1000	1050	0.9681
1005	1050	0.96772
1010	1050	0.96705
1015	1050	0.96729
1020	1050	0.96763
1025	1050	0.96714
1030	1050	0.96725
1035	1050	0.96813
1040	1050	0.96918
1045	1050	0.96843
1050	1050	0.96937
1055	1050	0.96844
1060	1050	0.96788
1065	1050	0.96837
1070	1050	0.96725
1075	1050	0.96767
1080	1050	0.96749
1085	1050	0.9664
1090	1050	0.96728
1095	1050	0.96711
1100	1050	0.96932
1105	1050	0.9687
1110	1050	0.96856
1115	1050	0.96804
1120	1050	0.96759
1125	1050	0.96823
1130	1050	0.96857
1135	1050	0.96899
1140	1050	0.9688
1145	1050	0.96769
1150	1050	0.96755
0	1055	0.91567
5	1055	0.91654
10	1055	0.9168
15	1055	0.91704
20	1055	0.91671
25	1055	0.91725
30	1055	0.91535
35	1055	0.91573
40	1055	0.91514
45	1055	0.91586
50	1055	0.9154
55	1055	0.91571
60	1055	0.91668
65	1055	0.91652
70	1055	0.91712
75	1055	0.9167
80	1055	0.91675
85	1055	0.91634
90	1055	0.91681
95	1055	0.9169
100	1055	0.91691
105	1055	0.91626
110	1055	0.91609
115	1055	0.91569
120	1055	0.91582
125	1055	0.91636
130	1055	0.91655

EM wavele nm	EX wavele nm	R1 MicroAmps
135	1055	0.91726
140	1055	0.91671
145	1055	0.91718
150	1055	0.91651
155	1055	0.92154
160	1055	0.92356
165	1055	0.92194
170	1055	0.92228
175	1055	0.91821
180	1055	0.91736
185	1055	0.91631
190	1055	0.91484
195	1055	0.91503
200	1055	0.91533
205	1055	0.91537
210	1055	0.91505
215	1055	0.91501
220	1055	0.91562
225	1055	0.91489
230	1055	0.91569
235	1055	0.91558
240	1055	0.9155
245	1055	0.91572
250	1055	0.91495
255	1055	0.91553
260	1055	0.91655
265	1055	0.91689
270	1055	0.91687
275	1055	0.91921
280	1055	0.92346
285	1055	0.9249
290	1055	0.92233
295	1055	0.92025
300	1055	0.91868
305	1055	0.9177
310	1055	0.91748
315	1055	0.91668
320	1055	0.91706
325	1055	0.91666
330	1055	0.91721
335	1055	0.91594
340	1055	0.91665
345	1055	0.91655
350	1055	0.91593
355	1055	0.91553
360	1055	0.91501
365	1055	0.91487
370	1055	0.91643
375	1055	0.91716
380	1055	0.91747
385	1055	0.91753
390	1055	0.91729
395	1055	0.91748
400	1055	0.91589
405	1055	0.91674
410	1055	0.9174
415	1055	0.91681
420	1055	0.91701
425	1055	0.91642
430	1055	0.91727
435	1055	0.91611
440	1055	0.91588
445	1055	0.91562
450	1055	0.91598

EM wavele nm	EX wavele nm	R1 MicroAmps
455	1055	0.91498
460	1055	0.9153
465	1055	0.91602
470	1055	0.91568
475	1055	0.91616
480	1055	0.91635
485	1055	0.91662
490	1055	0.91673
495	1055	0.91653
500	1055	0.91592
505	1055	0.91654
510	1055	0.91639
515	1055	0.91709
520	1055	0.91732
525	1055	0.917
530	1055	0.91628
535	1055	0.91655
540	1055	0.91709
545	1055	0.91612
550	1055	0.91683
555	1055	0.9159
560	1055	0.91556
565	1055	0.91483
570	1055	0.91594
575	1055	0.91592
580	1055	0.91707
585	1055	0.91648
590	1055	0.91677
595	1055	0.91616
600	1055	0.91561
605	1055	0.91606
610	1055	0.91497
615	1055	0.9162
620	1055	0.91562
625	1055	0.91629
630	1055	0.91602
635	1055	0.91618
640	1055	0.91692
645	1055	0.91662
650	1055	0.91706
655	1055	0.91643
660	1055	0.91626
665	1055	0.91599
670	1055	0.9163
675	1055	0.91816
680	1055	0.91714
685	1055	0.91764
690	1055	0.91698
695	1055	0.91735
700	1055	0.91602
705	1055	0.91607
710	1055	0.9161
715	1055	0.91643
720	1055	0.91653
725	1055	0.9166
730	1055	0.91684
735	1055	0.91668
740	1055	0.91726
745	1055	0.91676
750	1055	0.91609
755	1055	0.91705
760	1055	0.91642
765	1055	0.91731
770	1055	0.91601

EM wavele nm	EX wavele nm	R1 MicroAmps
775	1055	0.91591
780	1055	0.91655
785	1055	0.91781
790	1055	0.91719
795	1055	0.91731
800	1055	0.91646
805	1055	0.91613
810	1055	0.91617
815	1055	0.91573
820	1055	0.9168
825	1055	0.91667
830	1055	0.91617
835	1055	0.91619
840	1055	0.91656
845	1055	0.91686
850	1055	0.91653
855	1055	0.917
860	1055	0.91637
865	1055	0.91631
870	1055	0.91634
875	1055	0.91585
880	1055	0.91586
885	1055	0.91511
890	1055	0.91585
895	1055	0.91581
900	1055	0.91487
905	1055	0.91539
910	1055	0.91585
915	1055	0.91594
920	1055	0.91673
925	1055	0.91644
930	1055	0.9175
935	1055	0.9167
940	1055	0.91761
945	1055	0.91702
950	1055	0.91621
955	1055	0.91601
960	1055	0.91599
965	1055	0.91672
970	1055	0.91651
975	1055	0.91681
980	1055	0.9157
985	1055	0.91603
990	1055	0.91582
995	1055	0.91472
1000	1055	0.91505
1005	1055	0.91465
1010	1055	0.91528
1015	1055	0.91521
1020	1055	0.91544
1025	1055	0.91572
1030	1055	0.91593
1035	1055	0.91592
1040	1055	0.9161
1045	1055	0.91675
1050	1055	0.91633
1055	1055	0.91639
1060	1055	0.91573
1065	1055	0.91521
1070	1055	0.9148
1075	1055	0.91485
1080	1055	0.9151
1085	1055	0.91594
1090	1055	0.91623

EM wavele nm	EX wavele nm	R1 MicroAmps
1095	1055	0.9165
1100	1055	0.91684
1105	1055	0.91741
1110	1055	0.91633
1115	1055	0.91738
1120	1055	0.91675
1125	1055	0.91717
1130	1055	0.91722
1135	1055	0.91602
1140	1055	0.91694
1145	1055	0.91577
1150	1055	0.91527
0	1060	0.84616
5	1060	0.84614
10	1060	0.84591
15	1060	0.84542
20	1060	0.84629
25	1060	0.84604
30	1060	0.8463
35	1060	0.84609
40	1060	0.84593
45	1060	0.84512
50	1060	0.84586
55	1060	0.84673
60	1060	0.84612
65	1060	0.84656
70	1060	0.84551
75	1060	0.84587
80	1060	0.84655
85	1060	0.84739
90	1060	0.84792
95	1060	0.84645
100	1060	0.84683
105	1060	0.84653
110	1060	0.84645
115	1060	0.84585
120	1060	0.84675
125	1060	0.84588
130	1060	0.84655
135	1060	0.84754
140	1060	0.84774
145	1060	0.84648
150	1060	0.84671
155	1060	0.84651
160	1060	0.84597
165	1060	0.84625
170	1060	0.84603
175	1060	0.84598
180	1060	0.84572
185	1060	0.84536
190	1060	0.84608
195	1060	0.8465
200	1060	0.84654
205	1060	0.84697
210	1060	0.84685
215	1060	0.84775
220	1060	0.84834
225	1060	0.84783
230	1060	0.84811
235	1060	0.84748
240	1060	0.84766
245	1060	0.8464
250	1060	0.84606
255	1060	0.84601

EM wavele nm	EX wavele nm	R1 MicroAmps
260	1060	0.84661
265	1060	0.8459
270	1060	0.84536
275	1060	0.8454
280	1060	0.84574
285	1060	0.84695
290	1060	0.84624
295	1060	0.84611
300	1060	0.84629
305	1060	0.84701
310	1060	0.8464
315	1060	0.84685
320	1060	0.84598
325	1060	0.84633
330	1060	0.84661
335	1060	0.84696
340	1060	0.84581
345	1060	0.84558
350	1060	0.84592
355	1060	0.84659
360	1060	0.84642
365	1060	0.846
370	1060	0.84587
375	1060	0.84566
380	1060	0.84603
385	1060	0.84531
390	1060	0.8457
395	1060	0.84555
400	1060	0.84595
405	1060	0.84555
410	1060	0.84687
415	1060	0.84663
420	1060	0.84629
425	1060	0.8469
430	1060	0.84637
435	1060	0.84686
440	1060	0.84504
445	1060	0.84642
450	1060	0.84538
455	1060	0.84573
460	1060	0.84553
465	1060	0.84604
470	1060	0.84644
475	1060	0.8458
480	1060	0.8453
485	1060	0.84624
490	1060	0.84681
495	1060	0.84615
500	1060	0.84683
505	1060	0.8459
510	1060	0.84616
515	1060	0.84612
520	1060	0.84691
525	1060	0.84504
530	1060	0.84637
535	1060	0.84653
540	1060	0.84687
545	1060	0.84624
550	1060	0.84583
555	1060	0.84662
560	1060	0.84591
565	1060	0.84701
570	1060	0.84691
575	1060	0.84714

EM wavele nm	EX wavele nm	R1 MicroAmps
580	1060	0.84677
585	1060	0.84645
590	1060	0.8454
595	1060	0.84634
600	1060	0.84591
605	1060	0.84684
610	1060	0.84582
615	1060	0.84641
620	1060	0.84737
625	1060	0.84694
630	1060	0.84776
635	1060	0.84652
640	1060	0.8462
645	1060	0.84533
650	1060	0.84523
655	1060	0.84563
660	1060	0.84649
665	1060	0.84542
670	1060	0.84611
675	1060	0.84703
680	1060	0.84691
685	1060	0.8474
690	1060	0.84713
695	1060	0.84705
700	1060	0.8461
705	1060	0.84638
710	1060	0.8469
715	1060	0.84674
720	1060	0.8472
725	1060	0.84608
730	1060	0.84595
735	1060	0.84595
740	1060	0.84583
745	1060	0.84597
750	1060	0.84617
755	1060	0.84585
760	1060	0.8462
765	1060	0.84643
770	1060	0.84629
775	1060	0.84585
780	1060	0.84573
785	1060	0.84491
790	1060	0.84584
795	1060	0.8458
800	1060	0.84618
805	1060	0.84666
810	1060	0.84701
815	1060	0.8468
820	1060	0.8456
825	1060	0.84609
830	1060	0.84524
835	1060	0.84581
840	1060	0.84589
845	1060	0.8464
850	1060	0.84578
855	1060	0.84598
860	1060	0.84606
865	1060	0.84638
870	1060	0.84641
875	1060	0.84619
880	1060	0.84566
885	1060	0.84582
890	1060	0.84555
895	1060	0.84522

EM wavele nm	EX wavele nm	R1 MicroAmps
900	1060	0.84513
905	1060	0.84523
910	1060	0.84608
915	1060	0.84604
920	1060	0.84757
925	1060	0.84679
930	1060	0.84689
935	1060	0.84574
940	1060	0.84538
945	1060	0.84485
950	1060	0.8448
955	1060	0.84523
960	1060	0.84528
965	1060	0.84618
970	1060	0.84602
975	1060	0.84719
980	1060	0.8469
985	1060	0.8465
990	1060	0.8472
995	1060	0.84661
1000	1060	0.84632
1005	1060	0.84661
1010	1060	0.84553
1015	1060	0.84572
1020	1060	0.84534
1025	1060	0.84618
1030	1060	0.84532
1035	1060	0.84524
1040	1060	0.84652
1045	1060	0.8459
1050	1060	0.84647
1055	1060	0.84625
1060	1060	0.84659
1065	1060	0.84715
1070	1060	0.84611
1075	1060	0.84687
1080	1060	0.84649
1085	1060	0.84552
1090	1060	0.84562
1095	1060	0.84498
1100	1060	0.84489
1105	1060	0.84477
1110	1060	0.84486
1115	1060	0.84484
1120	1060	0.84545
1125	1060	0.84632
1130	1060	0.84696
1135	1060	0.84562
1140	1060	0.84568
1145	1060	0.8446
1150	1060	0.84447
0	1065	0.81826
5	1065	0.81757
10	1065	0.81806
15	1065	0.81788
20	1065	0.81882
25	1065	0.81883
30	1065	0.81983
35	1065	0.81934
40	1065	0.81924
45	1065	0.81794
50	1065	0.81897
55	1065	0.81868
60	1065	0.81862

EM wavele nm	EX wavele nm	R1 MicroAmps
65	1065	0.81894
70	1065	0.81826
75	1065	0.81789
80	1065	0.81908
85	1065	0.8193
90	1065	0.81938
95	1065	0.81951
100	1065	0.81908
105	1065	0.81924
110	1065	0.81802
115	1065	0.81886
120	1065	0.81885
125	1065	0.81886
130	1065	0.81947
135	1065	0.81874
140	1065	0.81895
145	1065	0.81962
150	1065	0.81958
155	1065	0.81954
160	1065	0.81973
165	1065	0.8194
170	1065	0.81938
175	1065	0.81909
180	1065	0.81889
185	1065	0.81932
190	1065	0.81877
195	1065	0.81882
200	1065	0.81918
205	1065	0.81865
210	1065	0.81954
215	1065	0.82018
220	1065	0.81991
225	1065	0.82004
230	1065	0.81972
235	1065	0.81935
240	1065	0.8188
245	1065	0.81878
250	1065	0.81819
255	1065	0.81867
260	1065	0.81887
265	1065	0.81856
270	1065	0.81878
275	1065	0.81873
280	1065	0.81871
285	1065	0.81936
290	1065	0.81899
295	1065	0.81974
300	1065	0.8197
305	1065	0.81924
310	1065	0.8194
315	1065	0.81898
320	1065	0.81963
325	1065	0.81979
330	1065	0.81952
335	1065	0.81992
340	1065	0.81935
345	1065	0.81913
350	1065	0.81939
355	1065	0.81914
360	1065	0.81914
365	1065	0.81922
370	1065	0.81912
375	1065	0.81889
380	1065	0.81981

EM wavele nm	EX wavele nm	R1 MicroAmps
385	1065	0.81998
390	1065	0.82081
395	1065	0.82053
400	1065	0.82017
405	1065	0.81985
410	1065	0.81958
415	1065	0.81912
420	1065	0.81909
425	1065	0.8191
430	1065	0.81895
435	1065	0.81915
440	1065	0.81888
445	1065	0.8195
450	1065	0.81969
455	1065	0.82
460	1065	0.81989
465	1065	0.82029
470	1065	0.81974
475	1065	0.81933
480	1065	0.81846
485	1065	0.81828
490	1065	0.81927
495	1065	0.81907
500	1065	0.81987
505	1065	0.8191
510	1065	0.8202
515	1065	0.82035
520	1065	0.8203
525	1065	0.81981
530	1065	0.81975
535	1065	0.81883
540	1065	0.81911
545	1065	0.81901
550	1065	0.81885
555	1065	0.8192
560	1065	0.8189
565	1065	0.81989
570	1065	0.81983
575	1065	0.81936
580	1065	0.81907
585	1065	0.8193
590	1065	0.81941
595	1065	0.81899
600	1065	0.81931
605	1065	0.8184
610	1065	0.81849
615	1065	0.81852
620	1065	0.81882
625	1065	0.81904
630	1065	0.81972
635	1065	0.81848
640	1065	0.819
645	1065	0.8186
650	1065	0.81798
655	1065	0.81856
660	1065	0.81824
665	1065	0.81913
670	1065	0.81868
675	1065	0.81944
680	1065	0.81992
685	1065	0.81967
690	1065	0.81927
695	1065	0.81905
700	1065	0.81929

EM wavele nm	EX wavele nm	R1 MicroAmps
705	1065	0.81816
710	1065	0.81892
715	1065	0.81887
720	1065	0.81891
725	1065	0.81824
730	1065	0.8188
735	1065	0.81934
740	1065	0.81937
745	1065	0.81953
750	1065	0.81919
755	1065	0.8189
760	1065	0.81844
765	1065	0.81882
770	1065	0.81924
775	1065	0.81981
780	1065	0.81945
785	1065	0.82029
790	1065	0.82027
795	1065	0.82016
800	1065	0.8198
805	1065	0.81864
810	1065	0.81967
815	1065	0.81941
820	1065	0.81923
825	1065	0.82012
830	1065	0.82024
835	1065	0.82037
840	1065	0.81998
845	1065	0.81956
850	1065	0.81865
855	1065	0.81831
860	1065	0.81875
865	1065	0.81888
870	1065	0.81858
875	1065	0.81908
880	1065	0.8188
885	1065	0.81834
890	1065	0.81887
895	1065	0.81888
900	1065	0.81869
905	1065	0.81866
910	1065	0.81885
915	1065	0.81934
920	1065	0.81851
925	1065	0.81892
930	1065	0.81871
935	1065	0.81911
940	1065	0.82002
945	1065	0.82029
950	1065	0.82001
955	1065	0.81972
960	1065	0.81918
965	1065	0.81913
970	1065	0.81986
975	1065	0.8198
980	1065	0.81971
985	1065	0.81976
990	1065	0.82002
995	1065	0.81967
1000	1065	0.82007
1005	1065	0.82019
1010	1065	0.82049
1015	1065	0.82064
1020	1065	0.82017

EM wavele nm	EX wavele nm	R1 MicroAmps
1025	1065	0.82056
1030	1065	0.81999
1035	1065	0.81966
1040	1065	0.8185
1045	1065	0.81867
1050	1065	0.81954
1055	1065	0.81848
1060	1065	0.81851
1065	1065	0.81875
1070	1065	0.81835
1075	1065	0.81927
1080	1065	0.81946
1085	1065	0.81976
1090	1065	0.81968
1095	1065	0.81959
1100	1065	0.8193
1105	1065	0.82002
1110	1065	0.81977
1115	1065	0.81963
1120	1065	0.82021
1125	1065	0.81964
1130	1065	0.81879
1135	1065	0.82036
1140	1065	0.81918
1145	1065	0.81917
1150	1065	0.81988
0	1070	0.81374
5	1070	0.81334
10	1070	0.8132
15	1070	0.81285
20	1070	0.81316
25	1070	0.8131
30	1070	0.81385
35	1070	0.81411
40	1070	0.81428
45	1070	0.81358
50	1070	0.81275
55	1070	0.81332
60	1070	0.81325
65	1070	0.81387
70	1070	0.81414
75	1070	0.81406
80	1070	0.81423
85	1070	0.81392
90	1070	0.81372
95	1070	0.8138
100	1070	0.81322
105	1070	0.81241
110	1070	0.81339
115	1070	0.81324
120	1070	0.8136
125	1070	0.81442
130	1070	0.81462
135	1070	0.81482
140	1070	0.81422
145	1070	0.81401
150	1070	0.81388
155	1070	0.81367
160	1070	0.81362
165	1070	0.81397
170	1070	0.81361
175	1070	0.81354
180	1070	0.8139
185	1070	0.81324

EM wavele nm	EX wavele nm	R1 MicroAmps
190	1070	0.81345
195	1070	0.81326
200	1070	0.81401
205	1070	0.81414
210	1070	0.81359
215	1070	0.81377
220	1070	0.81357
225	1070	0.81346
230	1070	0.81343
235	1070	0.81439
240	1070	0.81447
245	1070	0.81421
250	1070	0.81397
255	1070	0.81342
260	1070	0.81322
265	1070	0.81402
270	1070	0.81416
275	1070	0.8138
280	1070	0.81275
285	1070	0.81253
290	1070	0.81258
295	1070	0.81171
300	1070	0.81261
305	1070	0.81229
310	1070	0.81184
315	1070	0.81274
320	1070	0.81302
325	1070	0.81439
330	1070	0.81362
335	1070	0.81343
340	1070	0.81329
345	1070	0.81346
350	1070	0.81341
355	1070	0.81336
360	1070	0.81363
365	1070	0.81341
370	1070	0.81305
375	1070	0.81286
380	1070	0.81285
385	1070	0.81338
390	1070	0.81272
395	1070	0.81379
400	1070	0.81428
405	1070	0.81441
410	1070	0.81423
415	1070	0.81439
420	1070	0.81373
425	1070	0.81404
430	1070	0.81282
435	1070	0.8133
440	1070	0.81286
445	1070	0.81299
450	1070	0.81317
455	1070	0.81395
460	1070	0.81364
465	1070	0.81461
470	1070	0.81424
475	1070	0.81402
480	1070	0.8141
485	1070	0.81356
490	1070	0.81481
495	1070	0.81385
500	1070	0.81291
505	1070	0.81331

EM wavele nm	EX wavele nm	R1 MicroAmps
510	1070	0.81321
515	1070	0.8143
520	1070	0.81375
525	1070	0.8132
530	1070	0.81333
535	1070	0.81427
540	1070	0.81523
545	1070	0.81506
550	1070	0.8147
555	1070	0.81507
560	1070	0.81456
565	1070	0.81387
570	1070	0.81356
575	1070	0.81325
580	1070	0.81334
585	1070	0.81322
590	1070	0.81324
595	1070	0.81336
600	1070	0.8136
605	1070	0.81327
610	1070	0.81381
615	1070	0.81335
620	1070	0.81364
625	1070	0.81368
630	1070	0.81334
635	1070	0.81307
640	1070	0.81271
645	1070	0.81301
650	1070	0.81289
655	1070	0.81245
660	1070	0.81266
665	1070	0.81392
670	1070	0.81351
675	1070	0.81427
680	1070	0.81452
685	1070	0.81499
690	1070	0.81481
695	1070	0.8147
700	1070	0.8152
705	1070	0.81408
710	1070	0.81361
715	1070	0.81352
720	1070	0.8133
725	1070	0.81386
730	1070	0.81384
735	1070	0.81477
740	1070	0.81445
745	1070	0.81514
750	1070	0.81505
755	1070	0.81473
760	1070	0.81526
765	1070	0.8148
770	1070	0.81457
775	1070	0.81479
780	1070	0.81428
785	1070	0.81463
790	1070	0.81468
795	1070	0.81446
800	1070	0.81427
805	1070	0.81515
810	1070	0.81459
815	1070	0.81406
820	1070	0.81331
825	1070	0.81311

EM wavele nm	EX wavele nm	R1 MicroAmps
830	1070	0.81338
835	1070	0.81353
840	1070	0.81449
845	1070	0.81378
850	1070	0.81398
855	1070	0.8139
860	1070	0.81422
865	1070	0.81526
870	1070	0.81417
875	1070	0.81523
880	1070	0.81438
885	1070	0.81526
890	1070	0.81479
895	1070	0.81434
900	1070	0.81438
905	1070	0.81348
910	1070	0.81403
915	1070	0.8137
920	1070	0.81447
925	1070	0.81448
930	1070	0.81484
935	1070	0.81469
940	1070	0.81415
945	1070	0.81414
950	1070	0.81446
955	1070	0.81449
960	1070	0.81365
965	1070	0.81343
970	1070	0.81327
975	1070	0.81365
980	1070	0.81417
985	1070	0.81331
990	1070	0.814
995	1070	0.81391
1000	1070	0.81389
1005	1070	0.81376
1010	1070	0.81334
1015	1070	0.81422
1020	1070	0.81399
1025	1070	0.81456
1030	1070	0.81366
1035	1070	0.81479
1040	1070	0.81458
1045	1070	0.81334
1050	1070	0.81375
1055	1070	0.8134
1060	1070	0.8142
1065	1070	0.81432
1070	1070	0.81466
1075	1070	0.81374
1080	1070	0.81257
1085	1070	0.81339
1090	1070	0.81314
1095	1070	0.81305
1100	1070	0.81243
1105	1070	0.81186
1110	1070	0.81323
1115	1070	0.81365
1120	1070	0.81355
1125	1070	0.81454
1130	1070	0.81431
1135	1070	0.81427
1140	1070	0.81433
1145	1070	0.81394

EM wavele nm	EX wavele nm	R1 MicroAmps
1150	1070	0.8139
0	1075	0.80576
5	1075	0.80576
10	1075	0.80601
15	1075	0.80577
20	1075	0.80514
25	1075	0.80504
30	1075	0.80504
35	1075	0.80468
40	1075	0.80563
45	1075	0.80513
50	1075	0.80597
55	1075	0.80596
60	1075	0.80642
65	1075	0.8058
70	1075	0.80618
75	1075	0.80577
80	1075	0.80505
85	1075	0.80507
90	1075	0.80481
95	1075	0.8055
100	1075	0.80619
105	1075	0.80618
110	1075	0.80631
115	1075	0.8067
120	1075	0.80592
125	1075	0.80565
130	1075	0.8057
135	1075	0.80537
140	1075	0.80519
145	1075	0.8045
150	1075	0.80563
155	1075	0.80555
160	1075	0.80544
165	1075	0.80596
170	1075	0.80594
175	1075	0.8058
180	1075	0.80505
185	1075	0.80448
190	1075	0.80527
195	1075	0.80487
200	1075	0.80558
205	1075	0.80555
210	1075	0.80578
215	1075	0.80492
220	1075	0.80502
225	1075	0.80528
230	1075	0.80516
235	1075	0.80608
240	1075	0.80618
245	1075	0.80611
250	1075	0.8061
255	1075	0.80536
260	1075	0.8052
265	1075	0.80487
270	1075	0.80535
275	1075	0.80601
280	1075	0.80611
285	1075	0.80633
290	1075	0.80687
295	1075	0.80624
300	1075	0.80526
305	1075	0.80551
310	1075	0.80551

EM wavele nm	EX wavele nm	R1 MicroAmps
315	1075	0.80463
320	1075	0.80476
325	1075	0.80519
330	1075	0.80437
335	1075	0.8048
340	1075	0.8046
345	1075	0.80493
350	1075	0.80633
355	1075	0.80616
360	1075	0.8071
365	1075	0.80643
370	1075	0.80609
375	1075	0.80615
380	1075	0.80558
385	1075	0.80615
390	1075	0.80552
395	1075	0.80605
400	1075	0.80551
405	1075	0.80564
410	1075	0.80502
415	1075	0.80598
420	1075	0.80539
425	1075	0.8055
430	1075	0.80554
435	1075	0.8062
440	1075	0.80542
445	1075	0.80626
450	1075	0.80586
455	1075	0.80547
460	1075	0.8061
465	1075	0.80509
470	1075	0.80525
475	1075	0.80536
480	1075	0.80562
485	1075	0.80494
490	1075	0.80515
495	1075	0.80482
500	1075	0.80525
505	1075	0.80568
510	1075	0.80623
515	1075	0.80616
520	1075	0.80671
525	1075	0.80709
530	1075	0.80693
535	1075	0.80708
540	1075	0.80577
545	1075	0.80667
550	1075	0.80591
555	1075	0.80635
560	1075	0.80578
565	1075	0.80639
570	1075	0.80626
575	1075	0.8061
580	1075	0.80602
585	1075	0.80619
590	1075	0.80555
595	1075	0.8057
600	1075	0.80552
605	1075	0.80531
610	1075	0.80642
615	1075	0.80577
620	1075	0.80689
625	1075	0.80624
630	1075	0.80634

EM wavele nm	EX wavele nm	R1 MicroAmps
635	1075	0.8064
640	1075	0.80519
645	1075	0.80559
650	1075	0.8055
655	1075	0.80609
660	1075	0.80573
665	1075	0.80644
670	1075	0.80568
675	1075	0.8054
680	1075	0.80605
685	1075	0.80559
690	1075	0.80554
695	1075	0.80505
700	1075	0.80551
705	1075	0.80528
710	1075	0.80498
715	1075	0.80566
720	1075	0.80607
725	1075	0.80542
730	1075	0.80564
735	1075	0.80643
740	1075	0.80544
745	1075	0.80577
750	1075	0.80533
755	1075	0.80563
760	1075	0.80548
765	1075	0.80468
770	1075	0.80503
775	1075	0.80525
780	1075	0.80589
785	1075	0.80564
790	1075	0.80541
795	1075	0.80517
800	1075	0.80558
805	1075	0.80541
810	1075	0.80628
815	1075	0.80608
820	1075	0.80649
825	1075	0.80615
830	1075	0.80682
835	1075	0.80597
840	1075	0.80604
845	1075	0.80662
850	1075	0.80622
855	1075	0.80639
860	1075	0.80588
865	1075	0.80606
870	1075	0.8054
875	1075	0.80581
880	1075	0.80594
885	1075	0.80589
890	1075	0.80609
895	1075	0.8057
900	1075	0.80569
905	1075	0.80544
910	1075	0.80522
915	1075	0.80528
920	1075	0.80564
925	1075	0.80546
930	1075	0.80582
935	1075	0.80557
940	1075	0.80611
945	1075	0.80614
950	1075	0.80615

EM wavele nm	EX wavele nm	R1 MicroAmps
955	1075	0.80658
960	1075	0.80619
965	1075	0.80569
970	1075	0.80634
975	1075	0.80564
980	1075	0.80541
985	1075	0.80541
990	1075	0.80541
995	1075	0.80502
1000	1075	0.80491
1005	1075	0.80606
1010	1075	0.80596
1015	1075	0.80618
1020	1075	0.80589
1025	1075	0.80618
1030	1075	0.80645
1035	1075	0.80655
1040	1075	0.80629
1045	1075	0.80639
1050	1075	0.80595
1055	1075	0.80676
1060	1075	0.8065
1065	1075	0.80584
1070	1075	0.80484
1075	1075	0.80486
1080	1075	0.80535
1085	1075	0.80499
1090	1075	0.80551
1095	1075	0.80558
1100	1075	0.80591
1105	1075	0.80603
1110	1075	0.80587
1115	1075	0.80532
1120	1075	0.80579
1125	1075	0.80527
1130	1075	0.80522
1135	1075	0.80552
1140	1075	0.80444
1145	1075	0.80484
1150	1075	0.80514
0	1080	0.82259
5	1080	0.82275
10	1080	0.82366
15	1080	0.82361
20	1080	0.82417
25	1080	0.82351
30	1080	0.82433
35	1080	0.82452
40	1080	0.82509
45	1080	0.82429
50	1080	0.82403
55	1080	0.82434
60	1080	0.82298
65	1080	0.82331
70	1080	0.82281
75	1080	0.82268
80	1080	0.82245
85	1080	0.82244
90	1080	0.82234
95	1080	0.8236
100	1080	0.8236
105	1080	0.82355
110	1080	0.82352
115	1080	0.82305

EM wavele nm	EX wavele nm	R1 MicroAmps
120	1080	0.82307
125	1080	0.82252
130	1080	0.82355
135	1080	0.82415
140	1080	0.82421
145	1080	0.82438
150	1080	0.8235
155	1080	0.82377
160	1080	0.82364
165	1080	0.82446
170	1080	0.82382
175	1080	0.82315
180	1080	0.82276
185	1080	0.82324
190	1080	0.82357
195	1080	0.82337
200	1080	0.82297
205	1080	0.82311
210	1080	0.82308
215	1080	0.82313
220	1080	0.82437
225	1080	0.82334
230	1080	0.82435
235	1080	0.82324
240	1080	0.82433
245	1080	0.8229
250	1080	0.82352
255	1080	0.82255
260	1080	0.82364
265	1080	0.82344
270	1080	0.82372
275	1080	0.82507
280	1080	0.82436
285	1080	0.82363
290	1080	0.8233
295	1080	0.82429
300	1080	0.82344
305	1080	0.82383
310	1080	0.8224
315	1080	0.82297
320	1080	0.82261
325	1080	0.82264
330	1080	0.82293
335	1080	0.82327
340	1080	0.82221
345	1080	0.82259
350	1080	0.82261
355	1080	0.8225
360	1080	0.82307
365	1080	0.82278
370	1080	0.82302
375	1080	0.82317
380	1080	0.82425
385	1080	0.82295
390	1080	0.82323
395	1080	0.8223
400	1080	0.8229
405	1080	0.82289
410	1080	0.8241
415	1080	0.82415
420	1080	0.82395
425	1080	0.82341
430	1080	0.82313
435	1080	0.82314

EM wavele nm	EX wavele nm	R1 MicroAmps
440	1080	0.82189
445	1080	0.82226
450	1080	0.82254
455	1080	0.8231
460	1080	0.82336
465	1080	0.82347
470	1080	0.82361
475	1080	0.82303
480	1080	0.8234
485	1080	0.82287
490	1080	0.82402
495	1080	0.82347
500	1080	0.82412
505	1080	0.82283
510	1080	0.82357
515	1080	0.82292
520	1080	0.82226
525	1080	0.82285
530	1080	0.82251
535	1080	0.82286
540	1080	0.82283
545	1080	0.82397
550	1080	0.82316
555	1080	0.82384
560	1080	0.82296
565	1080	0.82434
570	1080	0.82374
575	1080	0.82388
580	1080	0.82341
585	1080	0.82399
590	1080	0.82328
595	1080	0.82371
600	1080	0.82334
605	1080	0.82446
610	1080	0.82326
615	1080	0.82342
620	1080	0.82342
625	1080	0.82283
630	1080	0.82406
635	1080	0.82356
640	1080	0.82315
645	1080	0.82316
650	1080	0.82365
655	1080	0.8237
660	1080	0.82444
665	1080	0.82364
670	1080	0.82357
675	1080	0.8245
680	1080	0.82362
685	1080	0.82332
690	1080	0.82349
695	1080	0.82344
700	1080	0.82343
705	1080	0.82288
710	1080	0.82349
715	1080	0.82374
720	1080	0.82435
725	1080	0.82375
730	1080	0.82449
735	1080	0.82385
740	1080	0.82408
745	1080	0.82409
750	1080	0.82316
755	1080	0.82401

EM wavele nm	EX wavele nm	R1 MicroAmps
760	1080	0.82324
765	1080	0.82393
770	1080	0.82267
775	1080	0.82377
780	1080	0.82279
785	1080	0.8222
790	1080	0.82264
795	1080	0.82164
800	1080	0.82372
805	1080	0.82362
810	1080	0.82346
815	1080	0.8241
820	1080	0.82398
825	1080	0.82452
830	1080	0.82277
835	1080	0.82333
840	1080	0.82245
845	1080	0.82334
850	1080	0.823
855	1080	0.82317
860	1080	0.82388
865	1080	0.82214
870	1080	0.8225
875	1080	0.82288
880	1080	0.8229
885	1080	0.82263
890	1080	0.82336
895	1080	0.82358
900	1080	0.82237
905	1080	0.82387
910	1080	0.8219
915	1080	0.82287
920	1080	0.82328
925	1080	0.82289
930	1080	0.82334
935	1080	0.82252
940	1080	0.82283
945	1080	0.8221
950	1080	0.82283
955	1080	0.82277
960	1080	0.8234
965	1080	0.82368
970	1080	0.82334
975	1080	0.82309
980	1080	0.82316
985	1080	0.82316
990	1080	0.82311
995	1080	0.82332
1000	1080	0.82399
1005	1080	0.82472
1010	1080	0.82494
1015	1080	0.82464
1020	1080	0.82515
1025	1080	0.82422
1030	1080	0.82278
1035	1080	0.82296
1040	1080	0.82251
1045	1080	0.82249
1050	1080	0.82276
1055	1080	0.82248
1060	1080	0.82321
1065	1080	0.82352
1070	1080	0.82388
1075	1080	0.82395

EM wavele nm	EX wavele nm	R1 MicroAmps
1080	1080	0.82377
1085	1080	0.8235
1090	1080	0.82248
1095	1080	0.82342
1100	1080	0.82408
1105	1080	0.82413
1110	1080	0.82414
1115	1080	0.82332
1120	1080	0.82416
1125	1080	0.82358
1130	1080	0.82436
1135	1080	0.82392
1140	1080	0.82354
1145	1080	0.8236
1150	1080	0.82311
0	1085	0.83048
5	1085	0.83075
10	1085	0.83007
15	1085	0.83039
20	1085	0.83038
25	1085	0.82965
30	1085	0.83013
35	1085	0.83042
40	1085	0.83043
45	1085	0.83056
50	1085	0.83091
55	1085	0.83
60	1085	0.83081
65	1085	0.83053
70	1085	0.83011
75	1085	0.83085
80	1085	0.8303
85	1085	0.83098
90	1085	0.83096
95	1085	0.83078
100	1085	0.8315
105	1085	0.83136
110	1085	0.83064
115	1085	0.83117
120	1085	0.83091
125	1085	0.83046
130	1085	0.83042
135	1085	0.83022
140	1085	0.83036
145	1085	0.83005
150	1085	0.83052
155	1085	0.83066
160	1085	0.83071
165	1085	0.83054
170	1085	0.83192
175	1085	0.83165
180	1085	0.83175
185	1085	0.83154
190	1085	0.83201
195	1085	0.83144
200	1085	0.83107
205	1085	0.83121
210	1085	0.83134
215	1085	0.83099
220	1085	0.83127
225	1085	0.83133
230	1085	0.83091
235	1085	0.83113
240	1085	0.83074

EM wavele nm	EX wavele nm	R1 MicroAmps
245	1085	0.83056
250	1085	0.8303
255	1085	0.83102
260	1085	0.83131
265	1085	0.83105
270	1085	0.83077
275	1085	0.83126
280	1085	0.8309
285	1085	0.83095
290	1085	0.83074
295	1085	0.83035
300	1085	0.83083
305	1085	0.8304
310	1085	0.8316
315	1085	0.83156
320	1085	0.83184
325	1085	0.83182
330	1085	0.83161
335	1085	0.83159
340	1085	0.83162
345	1085	0.83182
350	1085	0.832
355	1085	0.83121
360	1085	0.83092
365	1085	0.83
370	1085	0.83048
375	1085	0.83176
380	1085	0.83152
385	1085	0.83135
390	1085	0.83169
395	1085	0.83082
400	1085	0.83097
405	1085	0.83063
410	1085	0.83061
415	1085	0.83051
420	1085	0.83001
425	1085	0.83059
430	1085	0.83128
435	1085	0.83096
440	1085	0.83113
445	1085	0.83081
450	1085	0.83082
455	1085	0.83154
460	1085	0.83076
465	1085	0.83077
470	1085	0.83038
475	1085	0.83003
480	1085	0.83016
485	1085	0.82994
490	1085	0.83056
495	1085	0.83143
500	1085	0.8316
505	1085	0.83236
510	1085	0.83222
515	1085	0.83164
520	1085	0.83176
525	1085	0.83054
530	1085	0.83091
535	1085	0.8302
540	1085	0.83075
545	1085	0.83118
550	1085	0.8311
555	1085	0.83108
560	1085	0.83057

EM wavele nm	EX wavele nm	R1 MicroAmps
565	1085	0.83137
570	1085	0.83114
575	1085	0.83061
580	1085	0.83106
585	1085	0.83103
590	1085	0.83094
595	1085	0.8311
600	1085	0.83145
605	1085	0.83072
610	1085	0.8315
615	1085	0.83105
620	1085	0.83097
625	1085	0.83078
630	1085	0.83132
635	1085	0.83062
640	1085	0.83055
645	1085	0.83128
650	1085	0.83158
655	1085	0.83052
660	1085	0.83085
665	1085	0.83169
670	1085	0.83121
675	1085	0.83166
680	1085	0.83126
685	1085	0.83181
690	1085	0.8313
695	1085	0.83175
700	1085	0.83123
705	1085	0.83098
710	1085	0.83027
715	1085	0.82987
720	1085	0.83033
725	1085	0.82994
730	1085	0.83077
735	1085	0.83017
740	1085	0.83065
745	1085	0.83057
750	1085	0.83095
755	1085	0.83076
760	1085	0.83047
765	1085	0.83136
770	1085	0.83058
775	1085	0.83138
780	1085	0.83245
785	1085	0.83223
790	1085	0.83245
795	1085	0.83205
800	1085	0.8318
805	1085	0.83079
810	1085	0.83034
815	1085	0.83009
820	1085	0.83026
825	1085	0.83016
830	1085	0.82952
835	1085	0.82982
840	1085	0.82986
845	1085	0.83033
850	1085	0.83028
855	1085	0.83043
860	1085	0.82992
865	1085	0.83108
870	1085	0.83138
875	1085	0.83172
880	1085	0.83224

EM wavele nm	EX wavele nm	R1 MicroAmps
885	1085	0.8313
890	1085	0.83117
895	1085	0.83114
900	1085	0.83066
905	1085	0.83161
910	1085	0.83138
915	1085	0.83149
920	1085	0.83181
925	1085	0.83134
930	1085	0.83254
935	1085	0.83169
940	1085	0.83156
945	1085	0.83071
950	1085	0.83104
955	1085	0.83107
960	1085	0.83033
965	1085	0.83076
970	1085	0.82969
975	1085	0.83039
980	1085	0.83035
985	1085	0.83007
990	1085	0.8304
995	1085	0.83005
1000	1085	0.82984
1005	1085	0.82993
1010	1085	0.83025
1015	1085	0.83081
1020	1085	0.83061
1025	1085	0.83237
1030	1085	0.83134
1035	1085	0.83202
1040	1085	0.83185
1045	1085	0.83121
1050	1085	0.83154
1055	1085	0.8315
1060	1085	0.83182
1065	1085	0.83276
1070	1085	0.83248
1075	1085	0.83282
1080	1085	0.83215
1085	1085	0.83192
1090	1085	0.83153
1095	1085	0.83132
1100	1085	0.83163
1105	1085	0.83156
1110	1085	0.83085
1115	1085	0.83023
1120	1085	0.83045
1125	1085	0.83149
1130	1085	0.83136
1135	1085	0.83179
1140	1085	0.8315
1145	1085	0.83086
1150	1085	0.83101
0	1090	0.79787
5	1090	0.79665
10	1090	0.79734
15	1090	0.79675
20	1090	0.79646
25	1090	0.79697
30	1090	0.79663
35	1090	0.79736
40	1090	0.79702
45	1090	0.79802

EM wavele nm	EX wavele nm	R1 MicroAmps
50	1090	0.7971
55	1090	0.79704
60	1090	0.79626
65	1090	0.7968
70	1090	0.79681
75	1090	0.797
80	1090	0.79643
85	1090	0.79652
90	1090	0.79677
95	1090	0.79663
100	1090	0.79588
105	1090	0.79634
110	1090	0.7965
115	1090	0.79574
120	1090	0.79584
125	1090	0.79541
130	1090	0.79556
135	1090	0.79644
140	1090	0.79584
145	1090	0.79633
150	1090	0.79636
155	1090	0.79579
160	1090	0.79638
165	1090	0.79707
170	1090	0.79712
175	1090	0.79671
180	1090	0.79706
185	1090	0.79706
190	1090	0.797
195	1090	0.79622
200	1090	0.79554
205	1090	0.79581
210	1090	0.79599
215	1090	0.79653
220	1090	0.79673
225	1090	0.79627
230	1090	0.79695
235	1090	0.79684
240	1090	0.79658
245	1090	0.79583
250	1090	0.79759
255	1090	0.80037
260	1090	0.79884
265	1090	0.79891
270	1090	0.79805
275	1090	0.79709
280	1090	0.79648
285	1090	0.79622
290	1090	0.79669
295	1090	0.79527
300	1090	0.79599
305	1090	0.79567
310	1090	0.79707
315	1090	0.79649
320	1090	0.79619
325	1090	0.79589
330	1090	0.79543
335	1090	0.79528
340	1090	0.7965
345	1090	0.79645
350	1090	0.79637
355	1090	0.79636
360	1090	0.79602
365	1090	0.79651

EM wavele nm	EX wavele nm	R1 MicroAmps
370	1090	0.79634
375	1090	0.79653
380	1090	0.79623
385	1090	0.79702
390	1090	0.79704
395	1090	0.79688
400	1090	0.79634
405	1090	0.79638
410	1090	0.79734
415	1090	0.79671
420	1090	0.79723
425	1090	0.7962
430	1090	0.7971
435	1090	0.79595
440	1090	0.79605
445	1090	0.79616
450	1090	0.79686
455	1090	0.7964
460	1090	0.79581
465	1090	0.79616
470	1090	0.79502
475	1090	0.79523
480	1090	0.79534
485	1090	0.79599
490	1090	0.79619
495	1090	0.7966
500	1090	0.7971
505	1090	0.79705
510	1090	0.79733
515	1090	0.79598
520	1090	0.79692
525	1090	0.79575
530	1090	0.79669
535	1090	0.79622
540	1090	0.79664
545	1090	0.79656
550	1090	0.79636
555	1090	0.79595
560	1090	0.79501
565	1090	0.79516
570	1090	0.79526
575	1090	0.7952
580	1090	0.79561
585	1090	0.79548
590	1090	0.7958
595	1090	0.79689
600	1090	0.79689
605	1090	0.79782
610	1090	0.79747
615	1090	0.79799
620	1090	0.79802
625	1090	0.79715
630	1090	0.7976
635	1090	0.79713
640	1090	0.79707
645	1090	0.79673
650	1090	0.79656
655	1090	0.79656
660	1090	0.79642
665	1090	0.79582
670	1090	0.7958
675	1090	0.79675
680	1090	0.79734
685	1090	0.79695

EM wavele nm	EX wavele nm	R1 MicroAmps
690	1090	0.79608
695	1090	0.79705
700	1090	0.7968
705	1090	0.79664
710	1090	0.79645
715	1090	0.79569
720	1090	0.79673
725	1090	0.79706
730	1090	0.79688
735	1090	0.79773
740	1090	0.79722
745	1090	0.79651
750	1090	0.79652
755	1090	0.79672
760	1090	0.79618
765	1090	0.7958
770	1090	0.79531
775	1090	0.79606
780	1090	0.79587
785	1090	0.79581
790	1090	0.79564
795	1090	0.7955
800	1090	0.79646
805	1090	0.79584
810	1090	0.79642
815	1090	0.79589
820	1090	0.79542
825	1090	0.7959
830	1090	0.79615
835	1090	0.79589
840	1090	0.79613
845	1090	0.79656
850	1090	0.79698
855	1090	0.79597
860	1090	0.79645
865	1090	0.7967
870	1090	0.79678
875	1090	0.797
880	1090	0.79745
885	1090	0.7976
890	1090	0.79705
895	1090	0.79657
900	1090	0.79708
905	1090	0.79623
910	1090	0.79649
915	1090	0.79636
920	1090	0.79624
925	1090	0.79651
930	1090	0.79664
935	1090	0.79649
940	1090	0.79624
945	1090	0.79659
950	1090	0.79652
955	1090	0.79701
960	1090	0.79755
965	1090	0.79764
970	1090	0.79693
975	1090	0.79714
980	1090	0.79745
985	1090	0.79747
990	1090	0.7973
995	1090	0.79718
1000	1090	0.79788
1005	1090	0.79673

EM wavele nm	EX wavele nm	R1 MicroAmps
1010	1090	0.79716
1015	1090	0.79717
1020	1090	0.79687
1025	1090	0.79729
1030	1090	0.79662
1035	1090	0.79713
1040	1090	0.79669
1045	1090	0.79679
1050	1090	0.79744
1055	1090	0.79679
1060	1090	0.79709
1065	1090	0.79687
1070	1090	0.79715
1075	1090	0.79754
1080	1090	0.79651
1085	1090	0.79678
1090	1090	0.79696
1095	1090	0.79682
1100	1090	0.79707
1105	1090	0.79658
1110	1090	0.79652
1115	1090	0.79708
1120	1090	0.79697
1125	1090	0.79656
1130	1090	0.79605
1135	1090	0.7964
1140	1090	0.79671
1145	1090	0.79684
1150	1090	0.79609
0	1095	0.75859
5	1095	0.75972
10	1095	0.76001
15	1095	0.75948
20	1095	0.75923
25	1095	0.75939
30	1095	0.75944
35	1095	0.75951
40	1095	0.75941
45	1095	0.7591
50	1095	0.75933
55	1095	0.75963
60	1095	0.75969
65	1095	0.75909
70	1095	0.75857
75	1095	0.7587
80	1095	0.75849
85	1095	0.75974
90	1095	0.7598
95	1095	0.75969
100	1095	0.75919
105	1095	0.75898
110	1095	0.75889
115	1095	0.7585
120	1095	0.75876
125	1095	0.75906
130	1095	0.75904
135	1095	0.7585
140	1095	0.75817
145	1095	0.75776
150	1095	0.7582
155	1095	0.75851
160	1095	0.75916
165	1095	0.7593
170	1095	0.75884

EM wavele nm	EX wavele nm	R1 MicroAmps
175	1095	0.75873
180	1095	0.75952
185	1095	0.75977
190	1095	0.75959
195	1095	0.75935
200	1095	0.75975
205	1095	0.759
210	1095	0.75961
215	1095	0.75961
220	1095	0.75971
225	1095	0.76007
230	1095	0.75965
235	1095	0.75934
240	1095	0.75917
245	1095	0.75975
250	1095	0.75923
255	1095	0.75993
260	1095	0.75948
265	1095	0.75917
270	1095	0.75935
275	1095	0.75895
280	1095	0.75905
285	1095	0.7592
290	1095	0.75898
295	1095	0.75896
300	1095	0.75951
305	1095	0.75913
310	1095	0.75941
315	1095	0.75886
320	1095	0.75954
325	1095	0.75983
330	1095	0.75953
335	1095	0.75965
340	1095	0.75983
345	1095	0.76039
350	1095	0.7596
355	1095	0.76007
360	1095	0.75934
365	1095	0.76025
370	1095	0.75968
375	1095	0.75998
380	1095	0.75865
385	1095	0.75893
390	1095	0.75816
395	1095	0.75979
400	1095	0.75938
405	1095	0.76032
410	1095	0.76043
415	1095	0.76043
420	1095	0.76037
425	1095	0.76021
430	1095	0.75969
435	1095	0.75957
440	1095	0.75921
445	1095	0.75889
450	1095	0.75877
455	1095	0.75814
460	1095	0.75853
465	1095	0.75887
470	1095	0.75892
475	1095	0.7593
480	1095	0.7587
485	1095	0.75939
490	1095	0.75869

EM wavele nm	EX wavele nm	R1 MicroAmps
495	1095	0.75905
500	1095	0.75748
505	1095	0.75937
510	1095	0.75935
515	1095	0.75948
520	1095	0.75949
525	1095	0.76005
530	1095	0.75909
535	1095	0.7587
540	1095	0.75807
545	1095	0.7588
550	1095	0.75857
555	1095	0.7586
560	1095	0.75881
565	1095	0.75884
570	1095	0.75937
575	1095	0.75986
580	1095	0.76018
585	1095	0.75948
590	1095	0.75995
595	1095	0.75985
600	1095	0.75979
605	1095	0.75962
610	1095	0.75963
615	1095	0.76025
620	1095	0.7596
625	1095	0.75982
630	1095	0.75935
635	1095	0.75941
640	1095	0.75883
645	1095	0.75822
650	1095	0.75827
655	1095	0.7579
660	1095	0.75826
665	1095	0.75803
670	1095	0.75808
675	1095	0.75816
680	1095	0.75799
685	1095	0.75929
690	1095	0.7588
695	1095	0.76047
700	1095	0.75964
705	1095	0.76009
710	1095	0.75992
715	1095	0.75943
720	1095	0.75949
725	1095	0.76
730	1095	0.76072
735	1095	0.76068
740	1095	0.76032
745	1095	0.76047
750	1095	0.75992
755	1095	0.76004
760	1095	0.75905
765	1095	0.75908
770	1095	0.76004
775	1095	0.75963
780	1095	0.75944
785	1095	0.76026
790	1095	0.76015
795	1095	0.76048
800	1095	0.76058
805	1095	0.75991
810	1095	0.75947

EM wavele nm	EX wavele nm	R1 MicroAmps
815	1095	0.75979
820	1095	0.7591
825	1095	0.75861
830	1095	0.7593
835	1095	0.76039
840	1095	0.76019
845	1095	0.76048
850	1095	0.76006
855	1095	0.75915
860	1095	0.75991
865	1095	0.75857
870	1095	0.75935
875	1095	0.75945
880	1095	0.75895
885	1095	0.75964
890	1095	0.75942
895	1095	0.76055
900	1095	0.75944
905	1095	0.75988
910	1095	0.75917
915	1095	0.75884
920	1095	0.75901
925	1095	0.75892
930	1095	0.75938
935	1095	0.75858
940	1095	0.75851
945	1095	0.75903
950	1095	0.75808
955	1095	0.75883
960	1095	0.75843
965	1095	0.75924
970	1095	0.75897
975	1095	0.75897
980	1095	0.75942
985	1095	0.75921
990	1095	0.75997
995	1095	0.75942
1000	1095	0.76025
1005	1095	0.76009
1010	1095	0.76034
1015	1095	0.76013
1020	1095	0.76009
1025	1095	0.76157
1030	1095	0.75936
1035	1095	0.75996
1040	1095	0.75974
1045	1095	0.76017
1050	1095	0.76008
1055	1095	0.76057
1060	1095	0.7603
1065	1095	0.7599
1070	1095	0.75992
1075	1095	0.75991
1080	1095	0.75891
1085	1095	0.75955
1090	1095	0.75988
1095	1095	0.75982
1100	1095	0.75999
1105	1095	0.75974
1110	1095	0.75978
1115	1095	0.76011
1120	1095	0.75966
1125	1095	0.7601
1130	1095	0.75901

EM wavele nm	EX wavele nm	R1 MicroAmps
1135	1095	0.75917
1140	1095	0.75894
1145	1095	0.75875
1150	1095	0.75966
0	1100	0.75058
5	1100	0.75069
10	1100	0.74967
15	1100	0.74955
20	1100	0.74976
25	1100	0.75006
30	1100	0.75046
35	1100	0.75085
40	1100	0.75127
45	1100	0.75131
50	1100	0.75118
55	1100	0.75106
60	1100	0.75062
65	1100	0.75045
70	1100	0.75048
75	1100	0.75027
80	1100	0.75109
85	1100	0.75072
90	1100	0.75141
95	1100	0.75145
100	1100	0.75171
105	1100	0.75121
110	1100	0.75094
115	1100	0.75033
120	1100	0.75085
125	1100	0.75004
130	1100	0.74997
135	1100	0.75012
140	1100	0.74893
145	1100	0.74964
150	1100	0.74993
155	1100	0.75034
160	1100	0.75051
165	1100	0.75102
170	1100	0.75065
175	1100	0.75113
180	1100	0.75032
185	1100	0.75034
190	1100	0.74982
195	1100	0.74998
200	1100	0.74968
205	1100	0.74983
210	1100	0.75008
215	1100	0.7502
220	1100	0.75041
225	1100	0.75098
230	1100	0.75109
235	1100	0.75156
240	1100	0.75101
245	1100	0.75018
250	1100	0.75062
255	1100	0.75019
260	1100	0.75122
265	1100	0.75014
270	1100	0.75058
275	1100	0.75059
280	1100	0.75088
285	1100	0.74994
290	1100	0.7507
295	1100	0.74926

EM wavele nm	EX wavele nm	R1 MicroAmps
300	1100	0.74972
305	1100	0.7493
310	1100	0.74967
315	1100	0.75009
320	1100	0.74962
325	1100	0.75105
330	1100	0.75032
335	1100	0.75104
340	1100	0.75099
345	1100	0.75163
350	1100	0.75108
355	1100	0.75129
360	1100	0.7506
365	1100	0.75101
370	1100	0.75039
375	1100	0.75037
380	1100	0.75058
385	1100	0.75105
390	1100	0.75068
395	1100	0.75052
400	1100	0.75034
405	1100	0.74997
410	1100	0.75066
415	1100	0.75055
420	1100	0.7514
425	1100	0.75085
430	1100	0.75087
435	1100	0.75046
440	1100	0.75159
445	1100	0.75085
450	1100	0.75051
455	1100	0.75056
460	1100	0.75107
465	1100	0.75073
470	1100	0.75074
475	1100	0.75096
480	1100	0.75028
485	1100	0.75071
490	1100	0.75069
495	1100	0.75116
500	1100	0.75086
505	1100	0.75102
510	1100	0.75075
515	1100	0.75086
520	1100	0.75164
525	1100	0.7534
530	1100	0.75384
535	1100	0.7533
540	1100	0.75252
545	1100	0.75077
550	1100	0.75103
555	1100	0.75044
560	1100	0.75058
565	1100	0.75043
570	1100	0.75005
575	1100	0.74966
580	1100	0.74941
585	1100	0.74965
590	1100	0.74972
595	1100	0.74937
600	1100	0.74972
605	1100	0.74918
610	1100	0.74937
615	1100	0.74966

EM wavele nm	EX wavele nm	R1 MicroAmps
620	1100	0.75049
625	1100	0.75086
630	1100	0.75143
635	1100	0.75467
640	1100	0.75807
645	1100	0.75775
650	1100	0.75551
655	1100	0.75353
660	1100	0.75236
665	1100	0.75159
670	1100	0.75051
675	1100	0.74979
680	1100	0.75112
685	1100	0.75068
690	1100	0.75086
695	1100	0.75172
700	1100	0.75126
705	1100	0.75188
710	1100	0.75201
715	1100	0.7519
720	1100	0.75151
725	1100	0.75139
730	1100	0.75264
735	1100	0.75412
740	1100	0.75295
745	1100	0.75306
750	1100	0.75177
755	1100	0.75122
760	1100	0.75101
765	1100	0.75122
770	1100	0.75097
775	1100	0.75083
780	1100	0.75086
785	1100	0.75021
790	1100	0.75001
795	1100	0.75014
800	1100	0.75004
805	1100	0.75108
810	1100	0.75132
815	1100	0.75146
820	1100	0.75129
825	1100	0.75062
830	1100	0.75081
835	1100	0.75009
840	1100	0.74997
845	1100	0.74998
850	1100	0.74942
855	1100	0.75043
860	1100	0.75078
865	1100	0.7517
870	1100	0.75134
875	1100	0.75217
880	1100	0.75156
885	1100	0.75143
890	1100	0.75155
895	1100	0.75086
900	1100	0.75086
905	1100	0.74995
910	1100	0.74981
915	1100	0.74984
920	1100	0.7503
925	1100	0.74971
930	1100	0.74963
935	1100	0.75212

EM wavele nm	EX wavele nm	R1 MicroAmps
940	1100	0.75383
945	1100	0.75377
950	1100	0.75437
955	1100	0.75317
960	1100	0.75284
965	1100	0.75153
970	1100	0.7513
975	1100	0.7509
980	1100	0.75019
985	1100	0.74979
990	1100	0.75018
995	1100	0.75019
1000	1100	0.75085
1005	1100	0.75092
1010	1100	0.75156
1015	1100	0.75106
1020	1100	0.75116
1025	1100	0.75117
1030	1100	0.75073
1035	1100	0.75067
1040	1100	0.75189
1045	1100	0.75519
1050	1100	0.75351
1055	1100	0.75656
1060	1100	0.75743
1065	1100	0.75606
1070	1100	0.75382
1075	1100	0.75336
1080	1100	0.75122
1085	1100	0.75047
1090	1100	0.75042
1095	1100	0.74938
1100	1100	0.75071
1105	1100	0.75021
1110	1100	0.75023
1115	1100	0.75034
1120	1100	0.74996
1125	1100	0.74944
1130	1100	0.75048
1135	1100	0.74995
1140	1100	0.75115
1145	1100	0.75052
1150	1100	0.75047
0	1105	0.75825
5	1105	0.75891
10	1105	0.75959
15	1105	0.75979
20	1105	0.75941
25	1105	0.75901
30	1105	0.75823
35	1105	0.75882
40	1105	0.75868
45	1105	0.7578
50	1105	0.75791
55	1105	0.75762
60	1105	0.75838
65	1105	0.75827
70	1105	0.75878
75	1105	0.75841
80	1105	0.75901
85	1105	0.75834
90	1105	0.75863
95	1105	0.75835
100	1105	0.75866

EM wavele nm	EX wavele nm	R1 MicroAmps
105	1105	0.75733
110	1105	0.7579
115	1105	0.75753
120	1105	0.75797
125	1105	0.75741
130	1105	0.75789
135	1105	0.75751
140	1105	0.75736
145	1105	0.75817
150	1105	0.75733
155	1105	0.75723
160	1105	0.75732
165	1105	0.75837
170	1105	0.75803
175	1105	0.75742
180	1105	0.75698
185	1105	0.75794
190	1105	0.75825
195	1105	0.75825
200	1105	0.75802
205	1105	0.7581
210	1105	0.75812
215	1105	0.75819
220	1105	0.75772
225	1105	0.7581
230	1105	0.75827
235	1105	0.7585
240	1105	0.75877
245	1105	0.75763
250	1105	0.75805
255	1105	0.76133
260	1105	0.76285
265	1105	0.76033
270	1105	0.76169
275	1105	0.75994
280	1105	0.76147
285	1105	0.75987
290	1105	0.75998
295	1105	0.75893
300	1105	0.75785
305	1105	0.7579
310	1105	0.75696
315	1105	0.75768
320	1105	0.75728
325	1105	0.75682
330	1105	0.75768
335	1105	0.75828
340	1105	0.75789
345	1105	0.75858
350	1105	0.7578
355	1105	0.75733
360	1105	0.7571
365	1105	0.75739
370	1105	0.7581
375	1105	0.75813
380	1105	0.76132
385	1105	0.76228
390	1105	0.76365
395	1105	0.76456
400	1105	0.76374
405	1105	0.76162
410	1105	0.7597
415	1105	0.75878
420	1105	0.75824

EM wavele nm	EX wavele nm	R1 MicroAmps
425	1105	0.75768
430	1105	0.75748
435	1105	0.75724
440	1105	0.7573
445	1105	0.75691
450	1105	0.75605
455	1105	0.75611
460	1105	0.75753
465	1105	0.75781
470	1105	0.75838
475	1105	0.7596
480	1105	0.76092
485	1105	0.76056
490	1105	0.76012
495	1105	0.75949
500	1105	0.75807
505	1105	0.75838
510	1105	0.75823
515	1105	0.7588
520	1105	0.75789
525	1105	0.75912
530	1105	0.75928
535	1105	0.7586
540	1105	0.75869
545	1105	0.75881
550	1105	0.75837
555	1105	0.75826
560	1105	0.75869
565	1105	0.75784
570	1105	0.75753
575	1105	0.75692
580	1105	0.75808
585	1105	0.75773
590	1105	0.75782
595	1105	0.75781
600	1105	0.7585
605	1105	0.76171
610	1105	0.76066
615	1105	0.76164
620	1105	0.76146
625	1105	0.76062
630	1105	0.75928
635	1105	0.75812
640	1105	0.75746
645	1105	0.7576
650	1105	0.75755
655	1105	0.75753
660	1105	0.75824
665	1105	0.75853
670	1105	0.75892
675	1105	0.75837
680	1105	0.75796
685	1105	0.75802
690	1105	0.75811
695	1105	0.75757
700	1105	0.75662
705	1105	0.7569
710	1105	0.75665
715	1105	0.75674
720	1105	0.75771
725	1105	0.76002
730	1105	0.76017
735	1105	0.76111
740	1105	0.76012

EM wavele nm	EX wavele nm	R1 MicroAmps
745	1105	0.75966
750	1105	0.75828
755	1105	0.75767
760	1105	0.75775
765	1105	0.75766
770	1105	0.75744
775	1105	0.75653
780	1105	0.75781
785	1105	0.75861
790	1105	0.75873
795	1105	0.75933
800	1105	0.7586
805	1105	0.7586
810	1105	0.75827
815	1105	0.75789
820	1105	0.75801
825	1105	0.75705
830	1105	0.75747
835	1105	0.75744
840	1105	0.75819
845	1105	0.75789
850	1105	0.75841
855	1105	0.75852
860	1105	0.75792
865	1105	0.75766
870	1105	0.75758
875	1105	0.75726
880	1105	0.75845
885	1105	0.75782
890	1105	0.75781
895	1105	0.75784
900	1105	0.75734
905	1105	0.75779
910	1105	0.75787
915	1105	0.75765
920	1105	0.75771
925	1105	0.75904
930	1105	0.76256
935	1105	0.76339
940	1105	0.76212
945	1105	0.76121
950	1105	0.75944
955	1105	0.75839
960	1105	0.75789
965	1105	0.75785
970	1105	0.75782
975	1105	0.75765
980	1105	0.75763
985	1105	0.75702
990	1105	0.75775
995	1105	0.75828
1000	1105	0.75761
1005	1105	0.75822
1010	1105	0.75735
1015	1105	0.75831
1020	1105	0.75797
1025	1105	0.75759
1030	1105	0.75798
1035	1105	0.75758
1040	1105	0.75821
1045	1105	0.75733
1050	1105	0.75756
1055	1105	0.75863
1060	1105	0.75757

EM wavele nm	EX wavele nm	R1 MicroAmps
1065	1105	0.75836
1070	1105	0.75819
1075	1105	0.75936
1080	1105	0.75839
1085	1105	0.75893
1090	1105	0.7587
1095	1105	0.75767
1100	1105	0.75846
1105	1105	0.75817
1110	1105	0.75769
1115	1105	0.75836
1120	1105	0.75786
1125	1105	0.75765
1130	1105	0.75793
1135	1105	0.75722
1140	1105	0.75796
1145	1105	0.75724
1150	1105	0.75673
0	1110	0.77248
5	1110	0.77192
10	1110	0.77237
15	1110	0.77173
20	1110	0.77229
25	1110	0.77247
30	1110	0.77279
35	1110	0.77354
40	1110	0.77305
45	1110	0.77259
50	1110	0.7727
55	1110	0.77234
60	1110	0.77255
65	1110	0.77254
70	1110	0.7729
75	1110	0.77294
80	1110	0.77333
85	1110	0.7729
90	1110	0.77364
95	1110	0.77262
100	1110	0.77206
105	1110	0.77245
110	1110	0.77181
115	1110	0.77247
120	1110	0.77247
125	1110	0.77183
130	1110	0.77217
135	1110	0.77137
140	1110	0.77169
145	1110	0.77171
150	1110	0.77174
155	1110	0.77224
160	1110	0.7724
165	1110	0.77169
170	1110	0.77227
175	1110	0.77265
180	1110	0.77227
185	1110	0.77176
190	1110	0.77201
195	1110	0.77183
200	1110	0.77255
205	1110	0.77335
210	1110	0.77378
215	1110	0.77459
220	1110	0.77424
225	1110	0.77381

EM wavele nm	EX wavele nm	R1 MicroAmps
230	1110	0.77325
235	1110	0.77274
240	1110	0.77241
245	1110	0.77277
250	1110	0.77286
255	1110	0.77345
260	1110	0.7732
265	1110	0.77369
270	1110	0.77307
275	1110	0.77306
280	1110	0.77265
285	1110	0.77286
290	1110	0.77224
295	1110	0.77186
300	1110	0.77227
305	1110	0.77275
310	1110	0.77327
315	1110	0.77319
320	1110	0.77281
325	1110	0.77235
330	1110	0.77265
335	1110	0.77207
340	1110	0.77194
345	1110	0.77162
350	1110	0.77221
355	1110	0.77215
360	1110	0.77245
365	1110	0.77278
370	1110	0.77297
375	1110	0.77306
380	1110	0.77377
385	1110	0.77378
390	1110	0.774
395	1110	0.77384
400	1110	0.77306
405	1110	0.77311
410	1110	0.7734
415	1110	0.77376
420	1110	0.77368
425	1110	0.77338
430	1110	0.77284
435	1110	0.77267
440	1110	0.77179
445	1110	0.77224
450	1110	0.7725
455	1110	0.77218
460	1110	0.77224
465	1110	0.77277
470	1110	0.77281
475	1110	0.77256
480	1110	0.77266
485	1110	0.77189
490	1110	0.7727
495	1110	0.77339
500	1110	0.77266
505	1110	0.77293
510	1110	0.77289
515	1110	0.77312
520	1110	0.77327
525	1110	0.77273
530	1110	0.77273
535	1110	0.77326
540	1110	0.77311
545	1110	0.77316

EM wavele nm	EX wavele nm	R1 MicroAmps
550	1110	0.77343
555	1110	0.77376
560	1110	0.77449
565	1110	0.77404
570	1110	0.77377
575	1110	0.77328
580	1110	0.773
585	1110	0.77351
590	1110	0.77308
595	1110	0.77261
600	1110	0.77319
605	1110	0.77261
610	1110	0.77232
615	1110	0.7729
620	1110	0.77255
625	1110	0.77292
630	1110	0.77347
635	1110	0.7731
640	1110	0.77308
645	1110	0.7745
650	1110	0.77488
655	1110	0.77495
660	1110	0.77457
665	1110	0.77473
670	1110	0.77408
675	1110	0.77373
680	1110	0.77343
685	1110	0.77301
690	1110	0.77268
695	1110	0.77235
700	1110	0.77245
705	1110	0.77215
710	1110	0.77205
715	1110	0.77258
720	1110	0.7736
725	1110	0.77314
730	1110	0.77311
735	1110	0.7736
740	1110	0.77365
745	1110	0.77382
750	1110	0.77343
755	1110	0.77396
760	1110	0.77386
765	1110	0.77366
770	1110	0.77397
775	1110	0.77347
780	1110	0.77326
785	1110	0.77273
790	1110	0.77323
795	1110	0.77307
800	1110	0.77228
805	1110	0.7729
810	1110	0.77188
815	1110	0.77294
820	1110	0.77279
825	1110	0.773
830	1110	0.77245
835	1110	0.77286
840	1110	0.77304
845	1110	0.77332
850	1110	0.77408
855	1110	0.7739
860	1110	0.77395
865	1110	0.77419

EM wavele nm	EX wavele nm	R1 MicroAmps
870	1110	0.77386
875	1110	0.77358
880	1110	0.77273
885	1110	0.77311
890	1110	0.77321
895	1110	0.77239
900	1110	0.773
905	1110	0.77294
910	1110	0.77285
915	1110	0.77329
920	1110	0.77303
925	1110	0.7731
930	1110	0.77321
935	1110	0.77328
940	1110	0.77267
945	1110	0.77331
950	1110	0.77402
955	1110	0.77338
960	1110	0.77283
965	1110	0.77282
970	1110	0.77259
975	1110	0.7726
980	1110	0.77232
985	1110	0.77263
990	1110	0.77668
995	1110	0.77603
1000	1110	0.77634
1005	1110	0.77594
1010	1110	0.77464
1015	1110	0.77403
1020	1110	0.77397
1025	1110	0.77349
1030	1110	0.77368
1035	1110	0.77465
1040	1110	0.77417
1045	1110	0.77472
1050	1110	0.77453
1055	1110	0.77356
1060	1110	0.77434
1065	1110	0.77413
1070	1110	0.77446
1075	1110	0.77375
1080	1110	0.77357
1085	1110	0.77376
1090	1110	0.77329
1095	1110	0.77337
1100	1110	0.77614
1105	1110	0.77789
1110	1110	0.7763
1115	1110	0.77618
1120	1110	0.77433
1125	1110	0.77327
1130	1110	0.77363
1135	1110	0.77332
1140	1110	0.77318
1145	1110	0.77507
1150	1110	0.7746
0	1115	0.75221
5	1115	0.75187
10	1115	0.75322
15	1115	0.75216
20	1115	0.75093
25	1115	0.75115
30	1115	0.75048

EM wavele nm	EX wavele nm	R1 MicroAmps
35	1115	0.75007
40	1115	0.74949
45	1115	0.74981
50	1115	0.74961
55	1115	0.74931
60	1115	0.74992
65	1115	0.74973
70	1115	0.75001
75	1115	0.74979
80	1115	0.7498
85	1115	0.74971
90	1115	0.74996
95	1115	0.74958
100	1115	0.74964
105	1115	0.7501
110	1115	0.7555
115	1115	0.75754
120	1115	0.75655
125	1115	0.75623
130	1115	0.75324
135	1115	0.75182
140	1115	0.75189
145	1115	0.74917
150	1115	0.74977
155	1115	0.74934
160	1115	0.74886
165	1115	0.74884
170	1115	0.749
175	1115	0.74964
180	1115	0.74962
185	1115	0.75037
190	1115	0.74904
195	1115	0.74995
200	1115	0.74963
205	1115	0.7497
210	1115	0.75
215	1115	0.74984
220	1115	0.74935
225	1115	0.74942
230	1115	0.74961
235	1115	0.74917
240	1115	0.74922
245	1115	0.74913
250	1115	0.7496
255	1115	0.7491
260	1115	0.74943
265	1115	0.75007
270	1115	0.74954
275	1115	0.74959
280	1115	0.74993
285	1115	0.74927
290	1115	0.7493
295	1115	0.74935
300	1115	0.74914
305	1115	0.75174
310	1115	0.75197
315	1115	0.75129
320	1115	0.75139
325	1115	0.75026
330	1115	0.75002
335	1115	0.7501
340	1115	0.74914
345	1115	0.74964
350	1115	0.74914

EM wavele nm	EX wavele nm	R1 MicroAmps
355	1115	0.74938
360	1115	0.74936
365	1115	0.74939
370	1115	0.74956
375	1115	0.74895
380	1115	0.74987
385	1115	0.74911
390	1115	0.74965
395	1115	0.74947
400	1115	0.74989
405	1115	0.74948
410	1115	0.75018
415	1115	0.74966
420	1115	0.75001
425	1115	0.74956
430	1115	0.74978
435	1115	0.74967
440	1115	0.74951
445	1115	0.74983
450	1115	0.74945
455	1115	0.74963
460	1115	0.74927
465	1115	0.74968
470	1115	0.74943
475	1115	0.74952
480	1115	0.74942
485	1115	0.74936
490	1115	0.74908
495	1115	0.74924
500	1115	0.74967
505	1115	0.74937
510	1115	0.74909
515	1115	0.749
520	1115	0.74973
525	1115	0.74883
530	1115	0.74927
535	1115	0.74927
540	1115	0.74914
545	1115	0.74864
550	1115	0.74939
555	1115	0.74929
560	1115	0.74945
565	1115	0.74914
570	1115	0.74964
575	1115	0.7497
580	1115	0.7492
585	1115	0.74937
590	1115	0.74937
595	1115	0.74912
600	1115	0.74895
605	1115	0.74914
610	1115	0.74921
615	1115	0.7489
620	1115	0.74902
625	1115	0.74912
630	1115	0.74848
635	1115	0.74892
640	1115	0.7486
645	1115	0.74922
650	1115	0.74871
655	1115	0.74894
660	1115	0.74966
665	1115	0.74924
670	1115	0.74908

EM wavele nm	EX wavele nm	R1 MicroAmps
675	1115	0.74948
680	1115	0.74927
685	1115	0.75077
690	1115	0.75057
695	1115	0.75066
700	1115	0.75078
705	1115	0.75056
710	1115	0.74992
715	1115	0.74991
720	1115	0.75042
725	1115	0.74973
730	1115	0.7498
735	1115	0.74945
740	1115	0.7497
745	1115	0.74935
750	1115	0.74949
755	1115	0.74976
760	1115	0.74969
765	1115	0.75004
770	1115	0.74968
775	1115	0.74965
780	1115	0.74943
785	1115	0.74968
790	1115	0.74965
795	1115	0.74955
800	1115	0.74959
805	1115	0.7496
810	1115	0.74948
815	1115	0.74952
820	1115	0.74943
825	1115	0.74964
830	1115	0.74962
835	1115	0.74935
840	1115	0.74959
845	1115	0.74948
850	1115	0.75012
855	1115	0.74932
860	1115	0.74944
865	1115	0.74972
870	1115	0.74925
875	1115	0.74911
880	1115	0.74913
885	1115	0.74887
890	1115	0.74965
895	1115	0.74938
900	1115	0.74978
905	1115	0.74966
910	1115	0.75011
915	1115	0.7498
920	1115	0.7493
925	1115	0.7501
930	1115	0.74967
935	1115	0.74986
940	1115	0.74967
945	1115	0.74951
950	1115	0.75039
955	1115	0.74958
960	1115	0.74996
965	1115	0.74972
970	1115	0.74962
975	1115	0.74984
980	1115	0.74945
985	1115	0.74962
990	1115	0.7497

EM wavele nm	EX wavele nm	R1 MicroAmps
995	1115	0.74972
1000	1115	0.74941
1005	1115	0.74958
1010	1115	0.74945
1015	1115	0.74959
1020	1115	0.74903
1025	1115	0.74926
1030	1115	0.74879
1035	1115	0.74935
1040	1115	0.74934
1045	1115	0.74916
1050	1115	0.74922
1055	1115	0.74932
1060	1115	0.74951
1065	1115	0.74936
1070	1115	0.74898
1075	1115	0.7497
1080	1115	0.74954
1085	1115	0.74975
1090	1115	0.74961
1095	1115	0.74953
1100	1115	0.74923
1105	1115	0.74933
1110	1115	0.74954
1115	1115	0.7495
1120	1115	0.74915
1125	1115	0.74937
1130	1115	0.74989
1135	1115	0.74955
1140	1115	0.74985
1145	1115	0.74948
1150	1115	0.74963
0	1120	0.73287
5	1120	0.73291
10	1120	0.73295
15	1120	0.73301
20	1120	0.73299
25	1120	0.73284
30	1120	0.73271
35	1120	0.73272
40	1120	0.73266
45	1120	0.73333
50	1120	0.7329
55	1120	0.73327
60	1120	0.73306
65	1120	0.73321
70	1120	0.73295
75	1120	0.73318
80	1120	0.73317
85	1120	0.7328
90	1120	0.73284
95	1120	0.73265
100	1120	0.73242
105	1120	0.7326
110	1120	0.73298
115	1120	0.73299
120	1120	0.73311
125	1120	0.73322
130	1120	0.73328
135	1120	0.73236
140	1120	0.7333
145	1120	0.73322
150	1120	0.7329
155	1120	0.73304

EM wavele nm	EX wavele nm	R1 MicroAmps
160	1120	0.7329
165	1120	0.73289
170	1120	0.73306
175	1120	0.7329
180	1120	0.73329
185	1120	0.73304
190	1120	0.73265
195	1120	0.73344
200	1120	0.73287
205	1120	0.73293
210	1120	0.73337
215	1120	0.73296
220	1120	0.73315
225	1120	0.73322
230	1120	0.73279
235	1120	0.73319
240	1120	0.73272
245	1120	0.73309
250	1120	0.73302
255	1120	0.73303
260	1120	0.73336
265	1120	0.73353
270	1120	0.73321
275	1120	0.73373
280	1120	0.73372
285	1120	0.73339
290	1120	0.7334
295	1120	0.7331
300	1120	0.73298
305	1120	0.73289
310	1120	0.73239
315	1120	0.73261
320	1120	0.73253
325	1120	0.73247
330	1120	0.73264
335	1120	0.73202
340	1120	0.73289
345	1120	0.73293
350	1120	0.73254
355	1120	0.73328
360	1120	0.73278
365	1120	0.7329
370	1120	0.73319
375	1120	0.73315
380	1120	0.73294
385	1120	0.73285
390	1120	0.73255
395	1120	0.73344
400	1120	0.73261
405	1120	0.73255
410	1120	0.73336
415	1120	0.73276
420	1120	0.73321
425	1120	0.73296
430	1120	0.73308
435	1120	0.73277
440	1120	0.73274
445	1120	0.73277
450	1120	0.73244
455	1120	0.73243
460	1120	0.73192
465	1120	0.73314
470	1120	0.73264
475	1120	0.73281

EM wavele nm	EX wavele nm	R1 MicroAmps
480	1120	0.7331
485	1120	0.73315
490	1120	0.73273
495	1120	0.73282
500	1120	0.73291
505	1120	0.73329
510	1120	0.733
515	1120	0.73323
520	1120	0.73332
525	1120	0.73343
530	1120	0.73295
535	1120	0.73321
540	1120	0.7331
545	1120	0.73305
550	1120	0.73286
555	1120	0.7329
560	1120	0.73277
565	1120	0.73297
570	1120	0.73266
575	1120	0.73279
580	1120	0.73314
585	1120	0.73284
590	1120	0.73283
595	1120	0.73323
600	1120	0.73328
605	1120	0.73306
610	1120	0.73318
615	1120	0.73296
620	1120	0.73298
625	1120	0.73281
630	1120	0.73322
635	1120	0.73295
640	1120	0.73314
645	1120	0.73332
650	1120	0.73319
655	1120	0.73325
660	1120	0.73329
665	1120	0.7334
670	1120	0.73314
675	1120	0.73316
680	1120	0.73309
685	1120	0.73316
690	1120	0.73292
695	1120	0.73312
700	1120	0.73333
705	1120	0.73334
710	1120	0.73296
715	1120	0.73293
720	1120	0.73297
725	1120	0.7328
730	1120	0.73321
735	1120	0.73278
740	1120	0.73337
745	1120	0.73348
750	1120	0.73321
755	1120	0.73321
760	1120	0.73305
765	1120	0.73347
770	1120	0.73382
775	1120	0.7339
780	1120	0.73367
785	1120	0.73339
790	1120	0.73394
795	1120	0.73338

EM wavele nm	EX wavele nm	R1 MicroAmps
800	1120	0.7333
805	1120	0.73397
810	1120	0.73329
815	1120	0.73305
820	1120	0.73316
825	1120	0.73306
830	1120	0.7335
835	1120	0.73329
840	1120	0.7334
845	1120	0.73291
850	1120	0.73309
855	1120	0.73345
860	1120	0.73279
865	1120	0.73306
870	1120	0.7329
875	1120	0.733
880	1120	0.73329
885	1120	0.73319
890	1120	0.73324
895	1120	0.73321
900	1120	0.73341
905	1120	0.73318
910	1120	0.73259
915	1120	0.73342
920	1120	0.73316
925	1120	0.73302
930	1120	0.73332
935	1120	0.73309
940	1120	0.7334
945	1120	0.7336
950	1120	0.73298
955	1120	0.73324
960	1120	0.73318
965	1120	0.73338
970	1120	0.73307
975	1120	0.73328
980	1120	0.73336
985	1120	0.73306
990	1120	0.73389
995	1120	0.73303
1000	1120	0.7327
1005	1120	0.73323
1010	1120	0.73339
1015	1120	0.73302
1020	1120	0.73325
1025	1120	0.73292
1030	1120	0.73302
1035	1120	0.73288
1040	1120	0.73301
1045	1120	0.73302
1050	1120	0.733
1055	1120	0.7334
1060	1120	0.7329
1065	1120	0.73287
1070	1120	0.73283
1075	1120	0.73308
1080	1120	0.73334
1085	1120	0.73314
1090	1120	0.73332
1095	1120	0.73343
1100	1120	0.73338
1105	1120	0.73347
1110	1120	0.73302
1115	1120	0.73343

EM wavele nm	EX wavele nm	R1 MicroAmps
1120	1120	0.73282
1125	1120	0.73287
1130	1120	0.73331
1135	1120	0.7327
1140	1120	0.73316
1145	1120	0.73336
1150	1120	0.73319
0	1125	0.72478
5	1125	0.72481
10	1125	0.72447
15	1125	0.72501
20	1125	0.7248
25	1125	0.72493
30	1125	0.72502
35	1125	0.72486
40	1125	0.72478
45	1125	0.72515
50	1125	0.72498
55	1125	0.72506
60	1125	0.72477
65	1125	0.72443
70	1125	0.72489
75	1125	0.7243
80	1125	0.72473
85	1125	0.72503
90	1125	0.72489
95	1125	0.72466
100	1125	0.72499
105	1125	0.72503
110	1125	0.72475
115	1125	0.72471
120	1125	0.72487
125	1125	0.72461
130	1125	0.72449
135	1125	0.7248
140	1125	0.7248
145	1125	0.72441
150	1125	0.72464
155	1125	0.72499
160	1125	0.7247
165	1125	0.72488
170	1125	0.72437
175	1125	0.72486
180	1125	0.72434
185	1125	0.7245
190	1125	0.72511
195	1125	0.72469
200	1125	0.72452
205	1125	0.72488
210	1125	0.72508
215	1125	0.72467
220	1125	0.72507
225	1125	0.72481
230	1125	0.72483
235	1125	0.72476
240	1125	0.72455
245	1125	0.72508
250	1125	0.7246
255	1125	0.72478
260	1125	0.72495
265	1125	0.72503
270	1125	0.72458
275	1125	0.72523
280	1125	0.72491

EM wavele nm	EX wavele nm	R1 MicroAmps
285	1125	0.72461
290	1125	0.7247
295	1125	0.72489
300	1125	0.72495
305	1125	0.72479
310	1125	0.72476
315	1125	0.7249
320	1125	0.72429
325	1125	0.72427
330	1125	0.72428
335	1125	0.72424
340	1125	0.72426
345	1125	0.72419
350	1125	0.7242
355	1125	0.72464
360	1125	0.72453
365	1125	0.72432
370	1125	0.7248
375	1125	0.72475
380	1125	0.72452
385	1125	0.72471
390	1125	0.72468
395	1125	0.72466
400	1125	0.72392
405	1125	0.724
410	1125	0.72437
415	1125	0.72348
420	1125	0.72392
425	1125	0.72453
430	1125	0.72431
435	1125	0.72444
440	1125	0.72486
445	1125	0.72476
450	1125	0.72477
455	1125	0.72453
460	1125	0.72475
465	1125	0.7245
470	1125	0.7244
475	1125	0.72498
480	1125	0.72478
485	1125	0.72502
490	1125	0.72496
495	1125	0.72486
500	1125	0.72506
505	1125	0.72474
510	1125	0.72457
515	1125	0.72505
520	1125	0.72459
525	1125	0.72427
530	1125	0.72426
535	1125	0.72443
540	1125	0.72407
545	1125	0.72393
550	1125	0.72436
555	1125	0.72422
560	1125	0.72409
565	1125	0.72463
570	1125	0.72437
575	1125	0.72423
580	1125	0.72451
585	1125	0.72483
590	1125	0.72478
595	1125	0.72455
600	1125	0.72454

EM wavele nm	EX wavele nm	R1 MicroAmps
605	1125	0.72495
610	1125	0.725
615	1125	0.72466
620	1125	0.72485
625	1125	0.72481
630	1125	0.72484
635	1125	0.72497
640	1125	0.72506
645	1125	0.72508
650	1125	0.72447
655	1125	0.72465
660	1125	0.72464
665	1125	0.72441
670	1125	0.72458
675	1125	0.7249
680	1125	0.72472
685	1125	0.7248
690	1125	0.72472
695	1125	0.72476
700	1125	0.72475
705	1125	0.72491
710	1125	0.72437
715	1125	0.7244
720	1125	0.72502
725	1125	0.72469
730	1125	0.72492
735	1125	0.72457
740	1125	0.72451
745	1125	0.72455
750	1125	0.72475
755	1125	0.72413
760	1125	0.72429
765	1125	0.72518
770	1125	0.72484
775	1125	0.72485
780	1125	0.72485
785	1125	0.72452
790	1125	0.72498
795	1125	0.72462
800	1125	0.72444
805	1125	0.72424
810	1125	0.72457
815	1125	0.72442
820	1125	0.72452
825	1125	0.72508
830	1125	0.72493
835	1125	0.72457
840	1125	0.72497
845	1125	0.72452
850	1125	0.72517
855	1125	0.72493
860	1125	0.72467
865	1125	0.72471
870	1125	0.72457
875	1125	0.72517
880	1125	0.72492
885	1125	0.72484
890	1125	0.72446
895	1125	0.72431
900	1125	0.72477
905	1125	0.72441
910	1125	0.72415
915	1125	0.72444
920	1125	0.72442

EM wavele nm	EX wavele nm	R1 MicroAmps
925	1125	0.72461
930	1125	0.72426
935	1125	0.72475
940	1125	0.72439
945	1125	0.72475
950	1125	0.72454
955	1125	0.72432
960	1125	0.7246
965	1125	0.72488
970	1125	0.72431
975	1125	0.72455
980	1125	0.72477
985	1125	0.72484
990	1125	0.72442
995	1125	0.72475
1000	1125	0.72476
1005	1125	0.72445
1010	1125	0.72465
1015	1125	0.72464
1020	1125	0.72419
1025	1125	0.72462
1030	1125	0.72512
1035	1125	0.7242
1040	1125	0.72405
1045	1125	0.72457
1050	1125	0.72432
1055	1125	0.72465
1060	1125	0.72485
1065	1125	0.72481
1070	1125	0.72468
1075	1125	0.72444
1080	1125	0.72462
1085	1125	0.72489
1090	1125	0.7242
1095	1125	0.7244
1100	1125	0.72449
1105	1125	0.72447
1110	1125	0.72453
1115	1125	0.72458
1120	1125	0.72458
1125	1125	0.72422
1130	1125	0.7245
1135	1125	0.72489
1140	1125	0.72482
1145	1125	0.72497
1150	1125	0.72468
0	1130	0.71964
5	1130	0.71949
10	1130	0.71974
15	1130	0.71962
20	1130	0.7195
25	1130	0.71991
30	1130	0.71962
35	1130	0.71967
40	1130	0.71938
45	1130	0.71992
50	1130	0.71968
55	1130	0.71942
60	1130	0.72015
65	1130	0.71927
70	1130	0.7194
75	1130	0.71911
80	1130	0.71962
85	1130	0.71889

EM wavele nm	EX wavele nm	R1 MicroAmps
90	1130	0.7194
95	1130	0.71935
100	1130	0.71904
105	1130	0.71951
110	1130	0.71945
115	1130	0.71964
120	1130	0.71915
125	1130	0.71968
130	1130	0.71969
135	1130	0.71936
140	1130	0.71943
145	1130	0.71963
150	1130	0.71954
155	1130	0.71962
160	1130	0.71967
165	1130	0.71955
170	1130	0.71935
175	1130	0.71954
180	1130	0.71957
185	1130	0.71974
190	1130	0.71961
195	1130	0.71983
200	1130	0.71994
205	1130	0.71975
210	1130	0.71954
215	1130	0.71948
220	1130	0.71977
225	1130	0.71953
230	1130	0.7199
235	1130	0.71972
240	1130	0.7193
245	1130	0.71928
250	1130	0.7195
255	1130	0.7195
260	1130	0.71911
265	1130	0.71944
270	1130	0.71945
275	1130	0.7193
280	1130	0.71939
285	1130	0.72005
290	1130	0.7196
295	1130	0.71951
300	1130	0.71983
305	1130	0.71964
310	1130	0.71955
315	1130	0.7197
320	1130	0.71981
325	1130	0.7195
330	1130	0.7195
335	1130	0.71973
340	1130	0.71927
345	1130	0.71967
350	1130	0.71974
355	1130	0.72007
360	1130	0.71963
365	1130	0.71972
370	1130	0.71992
375	1130	0.71969
380	1130	0.71948
385	1130	0.71991
390	1130	0.71978
395	1130	0.71996
400	1130	0.71986
405	1130	0.71925

EM wavele nm	EX wavele nm	R1 MicroAmps
410	1130	0.72001
415	1130	0.71965
420	1130	0.71929
425	1130	0.71995
430	1130	0.71962
435	1130	0.71961
440	1130	0.71973
445	1130	0.71965
450	1130	0.71961
455	1130	0.71983
460	1130	0.71951
465	1130	0.71997
470	1130	0.71929
475	1130	0.72001
480	1130	0.72016
485	1130	0.71967
490	1130	0.71996
495	1130	0.71983
500	1130	0.71987
505	1130	0.71969
510	1130	0.71948
515	1130	0.71973
520	1130	0.71971
525	1130	0.71888
530	1130	0.7193
535	1130	0.7195
540	1130	0.71895
545	1130	0.71949
550	1130	0.71922
555	1130	0.71934
560	1130	0.71971
565	1130	0.71929
570	1130	0.71986
575	1130	0.71937
580	1130	0.71882
585	1130	0.71967
590	1130	0.7194
595	1130	0.71927
600	1130	0.71995
605	1130	0.71994
610	1130	0.71966
615	1130	0.71978
620	1130	0.71938
625	1130	0.71973
630	1130	0.71956
635	1130	0.71932
640	1130	0.71968
645	1130	0.71907
650	1130	0.71951
655	1130	0.71913
660	1130	0.71964
665	1130	0.71936
670	1130	0.71922
675	1130	0.71955
680	1130	0.71935
685	1130	0.71999
690	1130	0.71981
695	1130	0.72006
700	1130	0.71973
705	1130	0.7194
710	1130	0.71923
715	1130	0.72004
720	1130	0.7197
725	1130	0.71925

EM wavele nm	EX wavele nm	R1 MicroAmps
730	1130	0.71967
735	1130	0.71925
740	1130	0.71942
745	1130	0.71963
750	1130	0.71936
755	1130	0.71984
760	1130	0.7194
765	1130	0.72004
770	1130	0.7201
775	1130	0.71983
780	1130	0.71988
785	1130	0.71949
790	1130	0.72002
795	1130	0.71973
800	1130	0.71995
805	1130	0.71959
810	1130	0.71964
815	1130	0.7199
820	1130	0.72027
825	1130	0.71973
830	1130	0.71977
835	1130	0.72032
840	1130	0.71992
845	1130	0.71958
850	1130	0.71977
855	1130	0.71971
860	1130	0.71999
865	1130	0.71924
870	1130	0.71983
875	1130	0.71987
880	1130	0.71991
885	1130	0.71966
890	1130	0.71943
895	1130	0.71953
900	1130	0.7198
905	1130	0.71998
910	1130	0.71967
915	1130	0.72008
920	1130	0.71994
925	1130	0.7195
930	1130	0.71924
935	1130	0.71966
940	1130	0.71944
945	1130	0.7195
950	1130	0.71982
955	1130	0.71985
960	1130	0.7198
965	1130	0.71994
970	1130	0.71955
975	1130	0.71985
980	1130	0.72004
985	1130	0.71964
990	1130	0.7197
995	1130	0.72008
1000	1130	0.71997
1005	1130	0.71989
1010	1130	0.71987
1015	1130	0.71962
1020	1130	0.7198
1025	1130	0.71973
1030	1130	0.72005
1035	1130	0.71935
1040	1130	0.71987
1045	1130	0.72023

EM wavele nm	EX wavele nm	R1 MicroAmps
1050	1130	0.71971
1055	1130	0.71959
1060	1130	0.71992
1065	1130	0.72018
1070	1130	0.71987
1075	1130	0.71983
1080	1130	0.71997
1085	1130	0.71961
1090	1130	0.7193
1095	1130	0.71972
1100	1130	0.71981
1105	1130	0.7194
1110	1130	0.71937
1115	1130	0.71954
1120	1130	0.71981
1125	1130	0.7199
1130	1130	0.71962
1135	1130	0.71988
1140	1130	0.71944
1145	1130	0.71977
1150	1130	0.71951
0	1135	0.71845
5	1135	0.71864
10	1135	0.71861
15	1135	0.71814
20	1135	0.71864
25	1135	0.71826
30	1135	0.71824
35	1135	0.71874
40	1135	0.71832
45	1135	0.71815
50	1135	0.71807
55	1135	0.71839
60	1135	0.71852
65	1135	0.71829
70	1135	0.71853
75	1135	0.71874
80	1135	0.71815
85	1135	0.71861
90	1135	0.71867
95	1135	0.71801
100	1135	0.71856
105	1135	0.71824
110	1135	0.71804
115	1135	0.71796
120	1135	0.71823
125	1135	0.71812
130	1135	0.71844
135	1135	0.71863
140	1135	0.71874
145	1135	0.71835
150	1135	0.71792
155	1135	0.7183
160	1135	0.71833
165	1135	0.71787
170	1135	0.71855
175	1135	0.7182
180	1135	0.71827
185	1135	0.71816
190	1135	0.71791
195	1135	0.71816
200	1135	0.71817
205	1135	0.71803
210	1135	0.71841

EM wavele nm	EX wavele nm	R1 MicroAmps
215	1135	0.71787
220	1135	0.71808
225	1135	0.71845
230	1135	0.71795
235	1135	0.71797
240	1135	0.71802
245	1135	0.7182
250	1135	0.71837
255	1135	0.71849
260	1135	0.71855
265	1135	0.71835
270	1135	0.71813
275	1135	0.71817
280	1135	0.71859
285	1135	0.71791
290	1135	0.71845
295	1135	0.71822
300	1135	0.71823
305	1135	0.71819
310	1135	0.71837
315	1135	0.71829
320	1135	0.71872
325	1135	0.71824
330	1135	0.71898
335	1135	0.71835
340	1135	0.71842
345	1135	0.71861
350	1135	0.71842
355	1135	0.71805
360	1135	0.71781
365	1135	0.7184
370	1135	0.71785
375	1135	0.71798
380	1135	0.71818
385	1135	0.71847
390	1135	0.71824
395	1135	0.7186
400	1135	0.71817
405	1135	0.71897
410	1135	0.71808
415	1135	0.7183
420	1135	0.71843
425	1135	0.71828
430	1135	0.71799
435	1135	0.71881
440	1135	0.71878
445	1135	0.71863
450	1135	0.7186
455	1135	0.71847
460	1135	0.71876
465	1135	0.71804
470	1135	0.71841
475	1135	0.71853
480	1135	0.71831
485	1135	0.71861
490	1135	0.7186
495	1135	0.71813
500	1135	0.71836
505	1135	0.71856
510	1135	0.71822
515	1135	0.71858
520	1135	0.71823
525	1135	0.71856
530	1135	0.7189

EM wavele nm	EX wavele nm	R1 MicroAmps
535	1135	0.71845
540	1135	0.71908
545	1135	0.71838
550	1135	0.71857
555	1135	0.71864
560	1135	0.71852
565	1135	0.71849
570	1135	0.7184
575	1135	0.71819
580	1135	0.71868
585	1135	0.71814
590	1135	0.71814
595	1135	0.71873
600	1135	0.71774
605	1135	0.71819
610	1135	0.71823
615	1135	0.71811
620	1135	0.71792
625	1135	0.71795
630	1135	0.71797
635	1135	0.71826
640	1135	0.71838
645	1135	0.71838
650	1135	0.7182
655	1135	0.71764
660	1135	0.71845
665	1135	0.71814
670	1135	0.71796
675	1135	0.71843
680	1135	0.71835
685	1135	0.71869
690	1135	0.71808
695	1135	0.71824
700	1135	0.71808
705	1135	0.71801
710	1135	0.71817
715	1135	0.71786
720	1135	0.71819
725	1135	0.71816
730	1135	0.71826
735	1135	0.71742
740	1135	0.71824
745	1135	0.7182
750	1135	0.7182
755	1135	0.71829
760	1135	0.71828
765	1135	0.71814
770	1135	0.71827
775	1135	0.71823
780	1135	0.71797
785	1135	0.71839
790	1135	0.71775
795	1135	0.71816
800	1135	0.71861
805	1135	0.71811
810	1135	0.71813
815	1135	0.71858
820	1135	0.71866
825	1135	0.71848
830	1135	0.71838
835	1135	0.71881
840	1135	0.71819
845	1135	0.71864
850	1135	0.71818

EM wavele nm	EX wavele nm	R1 MicroAmps
855	1135	0.71771
860	1135	0.71834
865	1135	0.71819
870	1135	0.71787
875	1135	0.71789
880	1135	0.71804
885	1135	0.71818
890	1135	0.71762
895	1135	0.71797
900	1135	0.71814
905	1135	0.71799
910	1135	0.71774
915	1135	0.71761
920	1135	0.71811
925	1135	0.7183
930	1135	0.71793
935	1135	0.71752
940	1135	0.7181
945	1135	0.71801
950	1135	0.71821
955	1135	0.7182
960	1135	0.71833
965	1135	0.71861
970	1135	0.71858
975	1135	0.71825
980	1135	0.71827
985	1135	0.71836
990	1135	0.71823
995	1135	0.71801
1000	1135	0.71791
1005	1135	0.71801
1010	1135	0.71815
1015	1135	0.71794
1020	1135	0.7174
1025	1135	0.71823
1030	1135	0.71784
1035	1135	0.71775
1040	1135	0.71753
1045	1135	0.71781
1050	1135	0.71797
1055	1135	0.71783
1060	1135	0.71803
1065	1135	0.71776
1070	1135	0.71776
1075	1135	0.71862
1080	1135	0.71798
1085	1135	0.71813
1090	1135	0.71788
1095	1135	0.71834
1100	1135	0.71843
1105	1135	0.71823
1110	1135	0.71835
1115	1135	0.71808
1120	1135	0.71816
1125	1135	0.71831
1130	1135	0.71858
1135	1135	0.71835
1140	1135	0.7179
1145	1135	0.71825
1150	1135	0.71791
0	1140	0.71741
5	1140	0.71808
10	1140	0.71793
15	1140	0.71788

EM wavele nm	EX wavele nm	R1 MicroAmps
20	1140	0.7175
25	1140	0.71785
30	1140	0.7178
35	1140	0.71775
40	1140	0.71817
45	1140	0.718
50	1140	0.71778
55	1140	0.71766
60	1140	0.71793
65	1140	0.71789
70	1140	0.71773
75	1140	0.71774
80	1140	0.71813
85	1140	0.71727
90	1140	0.71746
95	1140	0.71768
100	1140	0.71758
105	1140	0.71744
110	1140	0.71751
115	1140	0.71751
120	1140	0.71746
125	1140	0.71734
130	1140	0.71752
135	1140	0.71755
140	1140	0.71748
145	1140	0.71765
150	1140	0.71764
155	1140	0.71721
160	1140	0.71765
165	1140	0.7174
170	1140	0.71745
175	1140	0.7179
180	1140	0.71756
185	1140	0.71767
190	1140	0.71763
195	1140	0.71768
200	1140	0.71768
205	1140	0.71737
210	1140	0.71733
215	1140	0.71766
220	1140	0.71717
225	1140	0.71721
230	1140	0.71781
235	1140	0.71704
240	1140	0.7177
245	1140	0.71801
250	1140	0.71747
255	1140	0.71817
260	1140	0.71776
265	1140	0.71806
270	1140	0.71802
275	1140	0.71803
280	1140	0.71809
285	1140	0.71778
290	1140	0.71733
295	1140	0.71794
300	1140	0.71761
305	1140	0.71734
310	1140	0.7176
315	1140	0.71749
320	1140	0.7176
325	1140	0.71769
330	1140	0.7177
335	1140	0.71776

EM wavele nm	EX wavele nm	R1 MicroAmps
340	1140	0.71757
345	1140	0.71779
350	1140	0.718
355	1140	0.7174
360	1140	0.7175
365	1140	0.71772
370	1140	0.71751
375	1140	0.71762
380	1140	0.7177
385	1140	0.71738
390	1140	0.71733
395	1140	0.71732
400	1140	0.71755
405	1140	0.71768
410	1140	0.71707
415	1140	0.71797
420	1140	0.71746
425	1140	0.71729
430	1140	0.71796
435	1140	0.71752
440	1140	0.71757
445	1140	0.71757
450	1140	0.7179
455	1140	0.71721
460	1140	0.71778
465	1140	0.71731
470	1140	0.71797
475	1140	0.71711
480	1140	0.71746
485	1140	0.71767
490	1140	0.71746
495	1140	0.71772
500	1140	0.71778
505	1140	0.7176
510	1140	0.71753
515	1140	0.71743
520	1140	0.7175
525	1140	0.71766
530	1140	0.71738
535	1140	0.71729
540	1140	0.71732
545	1140	0.71763
550	1140	0.71711
555	1140	0.71704
560	1140	0.71729
565	1140	0.71734
570	1140	0.71734
575	1140	0.71755
580	1140	0.7173
585	1140	0.71751
590	1140	0.71777
595	1140	0.71752
600	1140	0.71799
605	1140	0.71763
610	1140	0.71749
615	1140	0.71834
620	1140	0.71706
625	1140	0.71756
630	1140	0.71786
635	1140	0.71754
640	1140	0.71725
645	1140	0.71761
650	1140	0.71763
655	1140	0.71747

EM wavele nm	EX wavele nm	R1 MicroAmps
660	1140	0.71707
665	1140	0.71746
670	1140	0.71762
675	1140	0.71705
680	1140	0.71734
685	1140	0.7178
690	1140	0.71725
695	1140	0.71716
700	1140	0.71722
705	1140	0.71752
710	1140	0.71702
715	1140	0.71773
720	1140	0.71801
725	1140	0.71776
730	1140	0.71803
735	1140	0.71776
740	1140	0.71799
745	1140	0.71798
750	1140	0.71811
755	1140	0.71827
760	1140	0.71783
765	1140	0.71815
770	1140	0.71811
775	1140	0.71759
780	1140	0.71794
785	1140	0.71747
790	1140	0.71744
795	1140	0.71767
800	1140	0.71737
805	1140	0.71825
810	1140	0.71782
815	1140	0.71803
820	1140	0.71805
825	1140	0.71771
830	1140	0.71807
835	1140	0.71711
840	1140	0.71765
845	1140	0.71749
850	1140	0.71753
855	1140	0.71744
860	1140	0.71745
865	1140	0.71776
870	1140	0.71783
875	1140	0.7175
880	1140	0.71798
885	1140	0.71747
890	1140	0.71744
895	1140	0.71767
900	1140	0.7177
905	1140	0.71791
910	1140	0.71806
915	1140	0.71779
920	1140	0.71763
925	1140	0.71799
930	1140	0.71771
935	1140	0.71761
940	1140	0.7177
945	1140	0.71803
950	1140	0.71762
955	1140	0.71755
960	1140	0.71795
965	1140	0.71795
970	1140	0.71801
975	1140	0.71783

EM wavele nm	EX wavele nm	R1 MicroAmps
980	1140	0.71761
985	1140	0.71785
990	1140	0.71759
995	1140	0.71719
1000	1140	0.71755
1005	1140	0.71761
1010	1140	0.71745
1015	1140	0.71733
1020	1140	0.71774
1025	1140	0.7174
1030	1140	0.71745
1035	1140	0.71772
1040	1140	0.71731
1045	1140	0.71728
1050	1140	0.71756
1055	1140	0.71775
1060	1140	0.71745
1065	1140	0.71787
1070	1140	0.71783
1075	1140	0.71827
1080	1140	0.71807
1085	1140	0.71801
1090	1140	0.71824
1095	1140	0.71802
1100	1140	0.71791
1105	1140	0.71815
1110	1140	0.71737
1115	1140	0.71747
1120	1140	0.71782
1125	1140	0.71788
1130	1140	0.71778
1135	1140	0.71786
1140	1140	0.7179
1145	1140	0.71804
1150	1140	0.718
0	1145	0.7126
5	1145	0.71339
10	1145	0.7127
15	1145	0.71333
20	1145	0.71356
25	1145	0.71303
30	1145	0.71333
35	1145	0.7136
40	1145	0.71373
45	1145	0.71321
50	1145	0.71341
55	1145	0.71376
60	1145	0.71316
65	1145	0.71353
70	1145	0.71335
75	1145	0.7137
80	1145	0.71345
85	1145	0.71357
90	1145	0.71317
95	1145	0.713
100	1145	0.71316
105	1145	0.71303
110	1145	0.71298
115	1145	0.71329
120	1145	0.71289
125	1145	0.71329
130	1145	0.71334
135	1145	0.71351
140	1145	0.71365

EM wavele nm	EX wavele nm	R1 MicroAmps
145	1145	0.71316
150	1145	0.71384
155	1145	0.71379
160	1145	0.71366
165	1145	0.7134
170	1145	0.71386
175	1145	0.71316
180	1145	0.71358
185	1145	0.71343
190	1145	0.71315
195	1145	0.71301
200	1145	0.71313
205	1145	0.7129
210	1145	0.71306
215	1145	0.7132
220	1145	0.71343
225	1145	0.71355
230	1145	0.71357
235	1145	0.71371
240	1145	0.71335
245	1145	0.7132
250	1145	0.71342
255	1145	0.71333
260	1145	0.71321
265	1145	0.71346
270	1145	0.71365
275	1145	0.71357
280	1145	0.7135
285	1145	0.71339
290	1145	0.71336
295	1145	0.71343
300	1145	0.71342
305	1145	0.71353
310	1145	0.71332
315	1145	0.71377
320	1145	0.71333
325	1145	0.71297
330	1145	0.71348
335	1145	0.71301
340	1145	0.71328
345	1145	0.71293
350	1145	0.71286
355	1145	0.71307
360	1145	0.71304
365	1145	0.71316
370	1145	0.71324
375	1145	0.71313
380	1145	0.71333
385	1145	0.71348
390	1145	0.71324
395	1145	0.71334
400	1145	0.71375
405	1145	0.71335
410	1145	0.71327
415	1145	0.71338
420	1145	0.71344
425	1145	0.71308
430	1145	0.71343
435	1145	0.71327
440	1145	0.71301
445	1145	0.71327
450	1145	0.71319
455	1145	0.71318
460	1145	0.71294

EM wavele nm	EX wavele nm	R1 MicroAmps
465	1145	0.71297
470	1145	0.7132
475	1145	0.71328
480	1145	0.71337
485	1145	0.71348
490	1145	0.71319
495	1145	0.71334
500	1145	0.71316
505	1145	0.71343
510	1145	0.71312
515	1145	0.71361
520	1145	0.71342
525	1145	0.71356
530	1145	0.71306
535	1145	0.71292
540	1145	0.71345
545	1145	0.71251
550	1145	0.71304
555	1145	0.71312
560	1145	0.71309
565	1145	0.71336
570	1145	0.7132
575	1145	0.71376
580	1145	0.71288
585	1145	0.71292
590	1145	0.71314
595	1145	0.71301
600	1145	0.71288
605	1145	0.7134
610	1145	0.71316
615	1145	0.71316
620	1145	0.71331
625	1145	0.71301
630	1145	0.71355
635	1145	0.7123
640	1145	0.71322
645	1145	0.71262
650	1145	0.71242
655	1145	0.71324
660	1145	0.71245
665	1145	0.71289
670	1145	0.7128
675	1145	0.71286
680	1145	0.71327
685	1145	0.71279
690	1145	0.71339
695	1145	0.71351
700	1145	0.71308
705	1145	0.7132
710	1145	0.71304
715	1145	0.7127
720	1145	0.71331
725	1145	0.71293
730	1145	0.7133
735	1145	0.71295
740	1145	0.71306
745	1145	0.71358
750	1145	0.71343
755	1145	0.71309
760	1145	0.71364
765	1145	0.7136
770	1145	0.71372
775	1145	0.71348
780	1145	0.71366

EM wavele nm	EX wavele nm	R1 MicroAmps
785	1145	0.71365
790	1145	0.71332
795	1145	0.71351
800	1145	0.71345
805	1145	0.71347
810	1145	0.71366
815	1145	0.71332
820	1145	0.71304
825	1145	0.71358
830	1145	0.71283
835	1145	0.71295
840	1145	0.7131
845	1145	0.71321
850	1145	0.71287
855	1145	0.71317
860	1145	0.71351
865	1145	0.71279
870	1145	0.71317
875	1145	0.71312
880	1145	0.71321
885	1145	0.71305
890	1145	0.7132
895	1145	0.71297
900	1145	0.71328
905	1145	0.71356
910	1145	0.71313
915	1145	0.71336
920	1145	0.7135
925	1145	0.71289
930	1145	0.71321
935	1145	0.71277
940	1145	0.71318
945	1145	0.71319
950	1145	0.71324
955	1145	0.71333
960	1145	0.71336
965	1145	0.71356
970	1145	0.71273
975	1145	0.71318
980	1145	0.71302
985	1145	0.71264
990	1145	0.71332
995	1145	0.71314
1000	1145	0.71344
1005	1145	0.71334
1010	1145	0.71333
1015	1145	0.71393
1020	1145	0.71326
1025	1145	0.71328
1030	1145	0.71357
1035	1145	0.71313
1040	1145	0.71335
1045	1145	0.71306
1050	1145	0.71314
1055	1145	0.71271
1060	1145	0.71272
1065	1145	0.71347
1070	1145	0.7133
1075	1145	0.71377
1080	1145	0.71306
1085	1145	0.71294
1090	1145	0.71298
1095	1145	0.71296
1100	1145	0.71317

EM wavele nm	EX wavele nm	R1 MicroAmps
1105	1145	0.71293
1110	1145	0.7131
1115	1145	0.71312
1120	1145	0.71349
1125	1145	0.71338
1130	1145	0.71334
1135	1145	0.71354
1140	1145	0.71339
1145	1145	0.71347
1150	1145	0.7137
0	1150	0.71092
5	1150	0.71041
10	1150	0.71082
15	1150	0.71114
20	1150	0.711
25	1150	0.71105
30	1150	0.71072
35	1150	0.71112
40	1150	0.71065
45	1150	0.71076
50	1150	0.71071
55	1150	0.71029
60	1150	0.71026
65	1150	0.71036
70	1150	0.70991
75	1150	0.71026
80	1150	0.71036
85	1150	0.71018
90	1150	0.71063
95	1150	0.71025
100	1150	0.71068
105	1150	0.71005
110	1150	0.71041
115	1150	0.71002
120	1150	0.71026
125	1150	0.70967
130	1150	0.71048
135	1150	0.71002
140	1150	0.71064
145	1150	0.71061
150	1150	0.71041
155	1150	0.71067
160	1150	0.71058
165	1150	0.71044
170	1150	0.71003
175	1150	0.70996
180	1150	0.70997
185	1150	0.71016
190	1150	0.70931
195	1150	0.70994
200	1150	0.70999
205	1150	0.70973
210	1150	0.71035
215	1150	0.71015
220	1150	0.71021
225	1150	0.71045
230	1150	0.71011
235	1150	0.71056
240	1150	0.70998
245	1150	0.71016
250	1150	0.71058
255	1150	0.7099
260	1150	0.71015
265	1150	0.71022

EM wavele nm	EX wavele nm	R1 MicroAmps
270	1150	0.71026
275	1150	0.71012
280	1150	0.71035
285	1150	0.71034
290	1150	0.71071
295	1150	0.71057
300	1150	0.71077
305	1150	0.71066
310	1150	0.71013
315	1150	0.71071
320	1150	0.71024
325	1150	0.70996
330	1150	0.71047
335	1150	0.71055
340	1150	0.71
345	1150	0.71051
350	1150	0.71041
355	1150	0.7102
360	1150	0.71005
365	1150	0.71003
370	1150	0.71042
375	1150	0.70981
380	1150	0.71047
385	1150	0.71007
390	1150	0.71023
395	1150	0.71034
400	1150	0.71014
405	1150	0.71015
410	1150	0.71007
415	1150	0.71038
420	1150	0.70998
425	1150	0.71041
430	1150	0.71043
435	1150	0.71064
440	1150	0.71027
445	1150	0.71097
450	1150	0.71061
455	1150	0.71012
460	1150	0.71088
465	1150	0.71037
470	1150	0.71034
475	1150	0.71032
480	1150	0.70999
485	1150	0.71069
490	1150	0.71037
495	1150	0.71044
500	1150	0.71046
505	1150	0.71056
510	1150	0.71022
515	1150	0.71055
520	1150	0.71011
525	1150	0.71056
530	1150	0.71066
535	1150	0.71029
540	1150	0.71068
545	1150	0.71061
550	1150	0.71062
555	1150	0.71072
560	1150	0.71069
565	1150	0.71033
570	1150	0.71027
575	1150	0.71
580	1150	0.71035
585	1150	0.70962

EM wavele nm	EX wavele nm	R1 MicroAmps
590	1150	0.70968
595	1150	0.71048
600	1150	0.7101
605	1150	0.71011
610	1150	0.71037
615	1150	0.71031
620	1150	0.71085
625	1150	0.71028
630	1150	0.71052
635	1150	0.7108
640	1150	0.71053
645	1150	0.71016
650	1150	0.71047
655	1150	0.7105
660	1150	0.71002
665	1150	0.71057
670	1150	0.70985
675	1150	0.70997
680	1150	0.70965
685	1150	0.70999
690	1150	0.71023
695	1150	0.70983
700	1150	0.71066
705	1150	0.70985
710	1150	0.71085
715	1150	0.71004
720	1150	0.71011
725	1150	0.71031
730	1150	0.7099
735	1150	0.71021
740	1150	0.71002
745	1150	0.71023
750	1150	0.70986
755	1150	0.70981
760	1150	0.71008
765	1150	0.71012
770	1150	0.71021
775	1150	0.71046
780	1150	0.71051
785	1150	0.71075
790	1150	0.71052
795	1150	0.7104
800	1150	0.7097
805	1150	0.71052
810	1150	0.71033
815	1150	0.71149
820	1150	0.71151
825	1150	0.71125
830	1150	0.7113
835	1150	0.71148
840	1150	0.71087
845	1150	0.71064
850	1150	0.71068
855	1150	0.71059
860	1150	0.71029
865	1150	0.71107
870	1150	0.7111
875	1150	0.71119
880	1150	0.71051
885	1150	0.71069
890	1150	0.71109
895	1150	0.71079
900	1150	0.71081
905	1150	0.71064

EM wavele nm	EX wavele nm	R1 MicroAmps
910	1150	0.71105
915	1150	0.71132
920	1150	0.71086
925	1150	0.71114
930	1150	0.71111
935	1150	0.71131
940	1150	0.71132
945	1150	0.7102
950	1150	0.71079
955	1150	0.71031
960	1150	0.71026
965	1150	0.71019
970	1150	0.71043
975	1150	0.71117
980	1150	0.7102
985	1150	0.71064
990	1150	0.71089
995	1150	0.71056
1000	1150	0.71082
1005	1150	0.71021
1010	1150	0.71075
1015	1150	0.71096
1020	1150	0.71059
1025	1150	0.71079
1030	1150	0.71085
1035	1150	0.7108
1040	1150	0.7111
1045	1150	0.71094
1050	1150	0.71157
1055	1150	0.7113
1060	1150	0.71128
1065	1150	0.71112
1070	1150	0.71084
1075	1150	0.71095
1080	1150	0.71109
1085	1150	0.71094
1090	1150	0.71063
1095	1150	0.71052
1100	1150	0.71112
1105	1150	0.71078
1110	1150	0.7107
1115	1150	0.71068
1120	1150	0.7109
1125	1150	0.71078
1130	1150	0.71056
1135	1150	0.71099
1140	1150	0.71049
1145	1150	0.71048
1150	1150	0.7108