

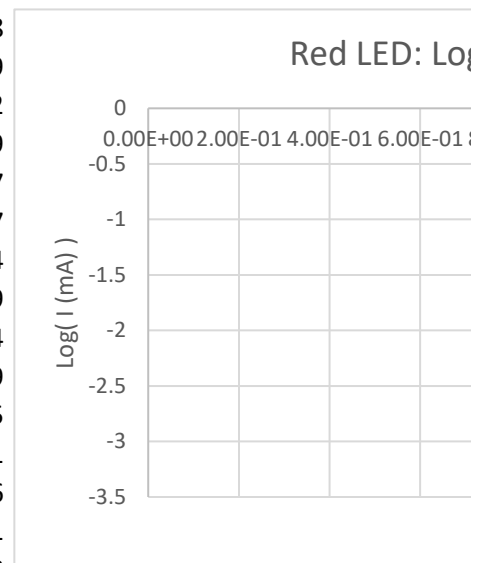
Diode Type:	V_F (LabVIEW)	V_F (Excel)	% Error	Eta (LabVIEW)	Eta (Excel)
Red LED	2.006150	2.006439032	0.014405	5.08416	5.089341186
Green LED	2.441270	2.432021467	0.380282	4.02181	3.864753237
Blue LED	2.730690	2.732384824	0.062027	3.26588	3.2932882
Diode Rectifier	0.738932	0.74134524	0.325522	3.65369	3.694389803

Diode Type:
Red LED

Date Time
11/4/2020 11:17:24 PM

V_min (V) V_max (V) # pts Linear Scale Log Scale R_Ref (Ohms)
1.40E+00 5.00E+00 1.00E+02 FALSE TRUE 5.00E+03

V_Applied (V)	I(mA)	V_Diode (V)	Log(I (mA))
1.40E+00	7.36E-04	1.40E+00	-3.13318238
1.42E+00	1.39E-03	1.41E+00	-2.85810519
1.44E+00	1.91E-03	1.43E+00	-2.71968802
1.46E+00	1.39E-03	1.45E+00	-2.85810519
1.47E+00	2.17E-03	1.46E+00	-2.66413307
1.49E+00	3.34E-03	1.48E+00	-2.47651757
1.51E+00	4.05E-03	1.49E+00	-2.39216554
1.53E+00	4.57E-03	1.51E+00	-2.33970859
1.55E+00	6.59E-03	1.52E+00	-2.18107834
1.57E+00	7.89E-03	1.53E+00	-2.10283549
1.59E+00	9.45E-03	1.55E+00	-2.02443815
1.61E+00	1.13E-02	1.56E+00	-1.94791041
1.63E+00	1.27E-02	1.57E+00	-1.89601166
1.66E+00	1.57E-02	1.58E+00	-1.80416121
1.68E+00	1.83E-02	1.58E+00	-1.73755128
1.70E+00	2.09E-02	1.59E+00	-1.67981423
1.72E+00	2.38E-02	1.60E+00	-1.62288872
1.74E+00	2.65E-02	1.61E+00	-1.57681313
1.77E+00	2.99E-02	1.62E+00	-1.52368874
1.79E+00	3.26E-02	1.62E+00	-1.48663322
1.81E+00	3.66E-02	1.63E+00	-1.43599238
1.84E+00	4.04E-02	1.63E+00	-1.39343163
1.86E+00	4.37E-02	1.64E+00	-1.35916988
1.88E+00	4.80E-02	1.64E+00	-1.31850098
1.91E+00	5.17E-02	1.65E+00	-1.28620379
1.93E+00	5.56E-02	1.65E+00	-1.25461678
1.96E+00	6.01E-02	1.66E+00	-1.22139226
1.98E+00	6.37E-02	1.66E+00	-1.19581966
2.01E+00	6.84E-02	1.66E+00	-1.1650093
2.03E+00	7.30E-02	1.67E+00	-1.13662717
2.06E+00	7.75E-02	1.67E+00	-1.11071567



Slope: 7.64
V_F @ 1.5 mA (V) 2.006439032
e (C) 1.6E-19
Eta 5.089341186

2.09E+00	8.20E-02	1.67E+00	-1.08626295
2.11E+00	8.64E-02	1.68E+00	-1.06344102
2.14E+00	9.17E-02	1.68E+00	-1.03742612
2.17E+00	9.66E-02	1.68E+00	-1.01521579
2.20E+00	1.02E-01	1.68E+00	-0.99269613
2.23E+00	1.07E-01	1.69E+00	-0.97207986
2.25E+00	1.12E-01	1.69E+00	-0.95138731
2.28E+00	1.17E-01	1.69E+00	-0.93066867
2.31E+00	1.23E-01	1.69E+00	-0.91181783
2.34E+00	1.28E-01	1.70E+00	-0.89264755
2.37E+00	1.34E-01	1.70E+00	-0.87365101
2.40E+00	1.39E-01	1.70E+00	-0.85666975
2.43E+00	1.45E-01	1.70E+00	-0.8385691
2.47E+00	1.51E-01	1.71E+00	-0.82194439
2.50E+00	1.57E-01	1.71E+00	-0.80448779
2.53E+00	1.63E-01	1.71E+00	-0.78822557
2.56E+00	1.69E-01	1.71E+00	-0.77272019
2.60E+00	1.75E-01	1.71E+00	-0.7564535
2.63E+00	1.81E-01	1.72E+00	-0.7417124
2.66E+00	1.88E-01	1.72E+00	-0.7262466
2.70E+00	1.94E-01	1.72E+00	-0.71204159
2.73E+00	2.01E-01	1.72E+00	-0.69687957
2.77E+00	2.07E-01	1.72E+00	-0.68304469
2.80E+00	2.14E-01	1.72E+00	-0.66923934
2.84E+00	2.21E-01	1.73E+00	-0.65573351
2.88E+00	2.28E-01	1.73E+00	-0.6417662
2.91E+00	2.35E-01	1.73E+00	-0.62859592
2.95E+00	2.42E-01	1.73E+00	-0.61569498
2.99E+00	2.50E-01	1.73E+00	-0.60282676
3.03E+00	2.57E-01	1.73E+00	-0.5904405
3.07E+00	2.64E-01	1.73E+00	-0.57786176
3.11E+00	2.72E-01	1.74E+00	-0.5654279
3.15E+00	2.80E-01	1.74E+00	-0.55354361
3.19E+00	2.87E-01	1.74E+00	-0.54148453
3.23E+00	2.95E-01	1.74E+00	-0.52984687
3.27E+00	3.03E-01	1.74E+00	-0.51804741
3.31E+00	3.11E-01	1.74E+00	-0.50655868
3.36E+00	3.20E-01	1.74E+00	-0.49501291
3.40E+00	3.28E-01	1.74E+00	-0.48402554
3.44E+00	3.37E-01	1.75E+00	-0.47297234
3.49E+00	3.45E-01	1.75E+00	-0.46211168
3.53E+00	3.54E-01	1.75E+00	-0.45127654
3.58E+00	3.63E-01	1.75E+00	-0.4406273
3.63E+00	3.71E-01	1.75E+00	-0.43008093
3.67E+00	3.80E-01	1.75E+00	-0.4197104
3.72E+00	3.90E-01	1.75E+00	-0.40914702
3.77E+00	3.99E-01	1.75E+00	-0.39890413

3.82E+00	4.08E-01	1.76E+00	-0.38896744
3.87E+00	4.18E-01	1.76E+00	-0.37871152
3.92E+00	4.28E-01	1.76E+00	-0.36882521
3.97E+00	4.37E-01	1.76E+00	-0.35922251
4.02E+00	4.47E-01	1.76E+00	-0.34932246
4.07E+00	4.58E-01	1.76E+00	-0.33958137
4.12E+00	4.68E-01	1.76E+00	-0.32999363
4.18E+00	4.78E-01	1.76E+00	-0.32061299
4.23E+00	4.89E-01	1.77E+00	-0.31102521
4.29E+00	4.99E-01	1.77E+00	-0.30181504
4.34E+00	5.10E-01	1.77E+00	-0.29274075
4.40E+00	5.21E-01	1.77E+00	-0.28336322
4.45E+00	5.32E-01	1.77E+00	-0.27423697
4.51E+00	5.43E-01	1.77E+00	-0.26514259
4.57E+00	5.54E-01	1.77E+00	-0.25618383
4.63E+00	5.66E-01	1.77E+00	-0.24730635
4.69E+00	5.78E-01	1.77E+00	-0.2382638
4.75E+00	5.89E-01	1.78E+00	-0.22959797
4.81E+00	6.01E-01	1.78E+00	-0.22081997
4.87E+00	6.13E-01	1.78E+00	-0.21221517
4.94E+00	6.26E-01	1.78E+00	-0.20364217
5.00E+00	6.38E-01	1.78E+00	-0.19496971

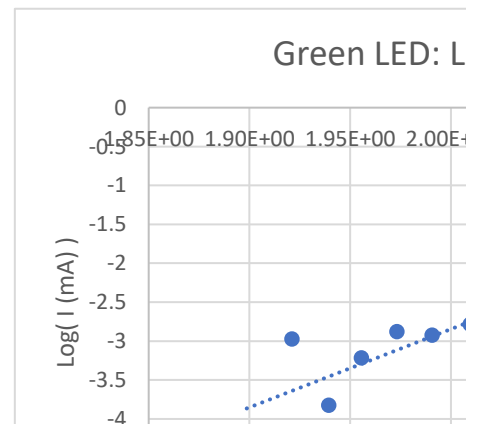
V_F @ 1.5 mA (V) Slope Ideality Factor
2.01E+00 7.65E+00 5.08E+00

Diode Type:
Green LED

Date Time
11/4/2020 11:19:46 PM

V_min (V) V_max (V) # pts Linear Scale Log Scale R_Ref (Ohms)
1.90E+00 5.00E+00 1.00E+02 FALSE TRUE 5.00E+03

V_Applied (V)	I(mA)	V_Diode (V)	Log(I (mA))
1.90E+00	2.03E-05	1.90E+00	-4.69187544
1.92E+00	1.06E-03	1.92E+00	-2.97421913
1.94E+00	1.50E-04	1.94E+00	-3.82265688
1.96E+00	6.06E-04	1.96E+00	-3.21767432
1.98E+00	1.32E-03	1.97E+00	-2.87897884
2.00E+00	1.19E-03	1.99E+00	-2.92399344
2.02E+00	1.65E-03	2.01E+00	-2.78340661
2.04E+00	2.56E-03	2.02E+00	-2.59220983
2.06E+00	3.34E-03	2.04E+00	-2.47651757
2.08E+00	4.70E-03	2.05E+00	-2.32752807
2.10E+00	5.81E-03	2.07E+00	-2.2358291



2.12E+00	7.83E-03	2.08E+00	-2.10643075
2.14E+00	1.02E-02	2.09E+00	-1.99274738
2.16E+00	1.28E-02	2.10E+00	-1.8937921
2.18E+00	1.53E-02	2.10E+00	-1.81509573
2.20E+00	1.84E-02	2.11E+00	-1.73447466
2.22E+00	2.16E-02	2.12E+00	-1.66650436
2.24E+00	2.45E-02	2.12E+00	-1.6100405
2.27E+00	2.77E-02	2.13E+00	-1.55701254
2.29E+00	3.15E-02	2.13E+00	-1.501615
2.31E+00	3.48E-02	2.14E+00	-1.45813382
2.33E+00	3.87E-02	2.14E+00	-1.41199624
2.36E+00	4.24E-02	2.14E+00	-1.37228603
2.38E+00	4.65E-02	2.15E+00	-1.33224548
2.40E+00	5.02E-02	2.15E+00	-1.29894778
2.43E+00	5.45E-02	2.15E+00	-1.26385379
2.45E+00	5.84E-02	2.16E+00	-1.23331357
2.47E+00	6.26E-02	2.16E+00	-1.20342497
2.50E+00	6.70E-02	2.16E+00	-1.17377225
2.52E+00	7.13E-02	2.16E+00	-1.14720294
2.55E+00	7.55E-02	2.17E+00	-1.12179197
2.57E+00	8.01E-02	2.17E+00	-1.09637291
2.60E+00	8.46E-02	2.17E+00	-1.0726933
2.62E+00	8.95E-02	2.17E+00	-1.04834004
2.65E+00	9.41E-02	2.18E+00	-1.02647915
2.68E+00	9.85E-02	2.18E+00	-1.00652585
2.70E+00	1.04E-01	2.18E+00	-0.98471151
2.73E+00	1.08E-01	2.18E+00	-0.96550791
2.76E+00	1.13E-01	2.18E+00	-0.94561679
2.78E+00	1.18E-01	2.19E+00	-0.92683541
2.81E+00	1.23E-01	2.19E+00	-0.90837524
2.84E+00	1.28E-01	2.19E+00	-0.89154661
2.87E+00	1.34E-01	2.19E+00	-0.87365101
2.89E+00	1.39E-01	2.19E+00	-0.85727899
2.92E+00	1.44E-01	2.20E+00	-0.84091429
2.95E+00	1.50E-01	2.20E+00	-0.82533266
2.98E+00	1.55E-01	2.20E+00	-0.81010842
3.01E+00	1.60E-01	2.20E+00	-0.7950448
3.04E+00	1.66E-01	2.20E+00	-0.78065915
3.07E+00	1.71E-01	2.20E+00	-0.76590811
3.10E+00	1.77E-01	2.20E+00	-0.75100722
3.13E+00	1.83E-01	2.21E+00	-0.73829473
3.16E+00	1.89E-01	2.21E+00	-0.72414755
3.19E+00	1.95E-01	2.21E+00	-0.71087948
3.22E+00	2.01E-01	2.21E+00	-0.6977232
3.25E+00	2.06E-01	2.21E+00	-0.68522929
3.29E+00	2.13E-01	2.21E+00	-0.67255115
3.32E+00	2.19E-01	2.21E+00	-0.66036176



Slope:

10.06

V_F @ 1.5 mA (V)

2.432021467

e (C)

1.6E-19

Eta

3.864753237

3.35E+00	2.25E-01	2.22E+00	-0.64863086
3.38E+00	2.31E-01	2.22E+00	-0.63623012
3.42E+00	2.37E-01	2.22E+00	-0.62476815
3.45E+00	2.44E-01	2.22E+00	-0.61313734
3.48E+00	2.50E-01	2.22E+00	-0.60180991
3.52E+00	2.57E-01	2.22E+00	-0.59055045
3.55E+00	2.63E-01	2.22E+00	-0.57946668
3.59E+00	2.70E-01	2.22E+00	-0.56886953
3.62E+00	2.77E-01	2.23E+00	-0.55821849
3.66E+00	2.83E-01	2.23E+00	-0.54762161
3.69E+00	2.90E-01	2.23E+00	-0.53737593
3.73E+00	2.97E-01	2.23E+00	-0.52727133
3.77E+00	3.04E-01	2.23E+00	-0.51702357
3.80E+00	3.11E-01	2.23E+00	-0.50655868
3.84E+00	3.18E-01	2.23E+00	-0.49696147
3.88E+00	3.26E-01	2.24E+00	-0.48731027
3.92E+00	3.33E-01	2.24E+00	-0.47769925
3.96E+00	3.40E-01	2.24E+00	-0.46829633
3.99E+00	3.48E-01	2.24E+00	-0.45884902
4.03E+00	3.55E-01	2.24E+00	-0.44960286
4.07E+00	3.63E-01	2.24E+00	-0.44031596
4.11E+00	3.71E-01	2.24E+00	-0.43114732
4.15E+00	3.78E-01	2.24E+00	-0.42224288
4.19E+00	3.86E-01	2.24E+00	-0.41322484
4.23E+00	3.94E-01	2.25E+00	-0.40467687
4.28E+00	4.02E-01	2.25E+00	-0.39580096
4.32E+00	4.10E-01	2.25E+00	-0.38724157
4.36E+00	4.18E-01	2.25E+00	-0.37857651
4.40E+00	4.27E-01	2.25E+00	-0.3700158
4.45E+00	4.35E-01	2.25E+00	-0.3618793
4.49E+00	4.43E-01	2.25E+00	-0.35351001
4.53E+00	4.52E-01	2.25E+00	-0.34529992
4.58E+00	4.60E-01	2.26E+00	-0.33699582
4.62E+00	4.69E-01	2.26E+00	-0.32896793
4.67E+00	4.78E-01	2.26E+00	-0.32096751
4.72E+00	4.86E-01	2.26E+00	-0.31299572
4.76E+00	4.96E-01	2.26E+00	-0.30488272
4.81E+00	5.05E-01	2.26E+00	-0.29703038
4.86E+00	5.13E-01	2.26E+00	-0.28953737
4.90E+00	5.23E-01	2.26E+00	-0.28173836
4.95E+00	5.32E-01	2.27E+00	-0.27407776
5.00E+00	5.41E-01	2.27E+00	-0.26649699

V_F @ 1.5 mA (V)	Slope	Ideality Factor
2.44E+00	9.67E+00	4.02E+00

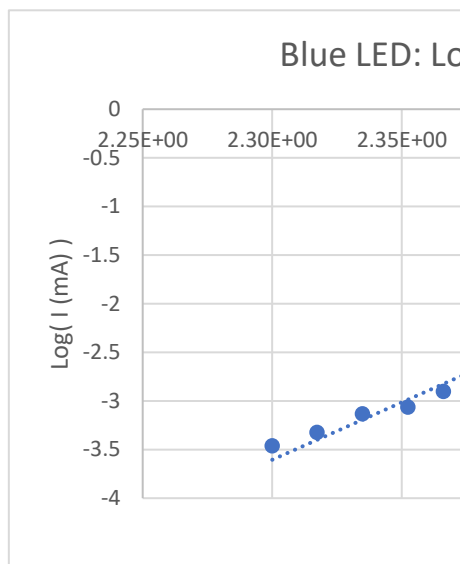
Diode Type:

Blue LED

Date 11/4/2020 Time 11:21:27 PM

V_min (V) 2.30E+00 V_max (V) 5.00E+00 # pts 1.00E+02 Linear Scale FALSE Log Scale TRUE R_Ref (Ohms) 5.00E+03

V_Applied (V)	I(mA)	V_Diode (V)	Log(I (mA))
2.30E+00	3.46E-04	2.30E+00	-3.46144135
2.32E+00	4.76E-04	2.32E+00	-3.32267507
2.34E+00	7.36E-04	2.33E+00	-3.13318238
2.36E+00	8.66E-04	2.35E+00	-3.0624811
2.37E+00	1.26E-03	2.37E+00	-2.90090318
2.39E+00	2.17E-03	2.38E+00	-2.66413307
2.41E+00	3.21E-03	2.40E+00	-2.49378459
2.43E+00	4.44E-03	2.41E+00	-2.35224061
2.45E+00	5.87E-03	2.42E+00	-2.23099361
2.47E+00	7.89E-03	2.43E+00	-2.10283549
2.49E+00	1.01E-02	2.44E+00	-1.99553675
2.51E+00	1.20E-02	2.45E+00	-1.92118806
2.53E+00	1.49E-02	2.45E+00	-1.82821214
2.55E+00	1.78E-02	2.46E+00	-1.7500829
2.57E+00	2.07E-02	2.47E+00	-1.68388701
2.59E+00	2.36E-02	2.47E+00	-1.62646093
2.61E+00	2.67E-02	2.47E+00	-1.57362702
2.63E+00	3.03E-02	2.48E+00	-1.51806459
2.65E+00	3.34E-02	2.48E+00	-1.47635887
2.67E+00	3.71E-02	2.48E+00	-1.43062843
2.69E+00	4.06E-02	2.49E+00	-1.39133921
2.71E+00	4.41E-02	2.49E+00	-1.35595255
2.73E+00	4.77E-02	2.49E+00	-1.32145249
2.76E+00	5.16E-02	2.50E+00	-1.28729728
2.78E+00	5.53E-02	2.50E+00	-1.25716258
2.80E+00	5.92E-02	2.50E+00	-1.22802836
2.82E+00	6.31E-02	2.50E+00	-1.20027771
2.84E+00	6.72E-02	2.51E+00	-1.17293005
2.87E+00	7.11E-02	2.51E+00	-1.14799665
2.89E+00	7.52E-02	2.51E+00	-1.12404154
2.91E+00	7.91E-02	2.51E+00	-1.10169616
2.93E+00	8.34E-02	2.51E+00	-1.07874752
2.96E+00	8.76E-02	2.51E+00	-1.05759556
2.98E+00	9.21E-02	2.52E+00	-1.03588893
3.00E+00	9.64E-02	2.52E+00	-1.01609465
3.03E+00	1.01E-01	2.52E+00	-0.9966041
3.05E+00	1.05E-01	2.52E+00	-0.97821551
3.08E+00	1.10E-01	2.52E+00	-0.96006266



Slope: 11.81
V_F @ 1.5 mA (V) 2.732384824
e (C) 1.6E-19
Eta 3.2932882

3.10E+00	1.14E-01	2.52E+00	-0.94238714
3.12E+00	1.19E-01	2.53E+00	-0.92611676
3.15E+00	1.23E-01	2.53E+00	-0.90906158
3.17E+00	1.28E-01	2.53E+00	-0.89353032
3.20E+00	1.33E-01	2.53E+00	-0.87725673
3.22E+00	1.37E-01	2.53E+00	-0.86280735
3.25E+00	1.42E-01	2.53E+00	-0.84703016
3.27E+00	1.47E-01	2.53E+00	-0.8327654
3.30E+00	1.52E-01	2.53E+00	-0.81876828
3.33E+00	1.57E-01	2.54E+00	-0.80502802
3.35E+00	1.62E-01	2.54E+00	-0.79153446
3.38E+00	1.67E-01	2.54E+00	-0.77827808
3.41E+00	1.72E-01	2.54E+00	-0.76508555
3.43E+00	1.77E-01	2.54E+00	-0.75292078
3.46E+00	1.82E-01	2.54E+00	-0.74031058
3.49E+00	1.87E-01	2.54E+00	-0.72820717
3.51E+00	1.92E-01	2.54E+00	-0.71613817
3.54E+00	1.98E-01	2.54E+00	-0.70425262
3.57E+00	2.03E-01	2.54E+00	-0.69268157
3.60E+00	2.08E-01	2.55E+00	-0.68154848
3.63E+00	2.14E-01	2.55E+00	-0.6702971
3.65E+00	2.19E-01	2.55E+00	-0.65894157
3.68E+00	2.25E-01	2.55E+00	-0.64850518
3.71E+00	2.30E-01	2.55E+00	-0.63806828
3.74E+00	2.36E-01	2.55E+00	-0.62727574
3.77E+00	2.41E-01	2.55E+00	-0.61744808
3.80E+00	2.47E-01	2.55E+00	-0.6068075
3.83E+00	2.53E-01	2.55E+00	-0.59675762
3.86E+00	2.59E-01	2.55E+00	-0.58726065
3.89E+00	2.65E-01	2.56E+00	-0.57753984
3.92E+00	2.70E-01	2.56E+00	-0.56813789
3.95E+00	2.76E-01	2.56E+00	-0.55862697
3.98E+00	2.82E-01	2.56E+00	-0.54911993
4.01E+00	2.88E-01	2.56E+00	-0.54001227
4.05E+00	2.94E-01	2.56E+00	-0.53099729
4.08E+00	3.01E-01	2.56E+00	-0.52188246
4.11E+00	3.07E-01	2.56E+00	-0.51313898
4.14E+00	3.13E-01	2.56E+00	-0.50456807
4.18E+00	3.19E-01	2.56E+00	-0.49589766
4.21E+00	3.26E-01	2.56E+00	-0.48739697
4.24E+00	3.32E-01	2.56E+00	-0.47871936
4.27E+00	3.38E-01	2.57E+00	-0.47046186
4.31E+00	3.45E-01	2.57E+00	-0.46211168
4.34E+00	3.52E-01	2.57E+00	-0.45400054
4.38E+00	3.58E-01	2.57E+00	-0.4459593
4.41E+00	3.65E-01	2.57E+00	-0.43783209
4.45E+00	3.72E-01	2.57E+00	-0.42977706

4.48E+00	3.78E-01	2.57E+00	-0.42216825
4.52E+00	3.85E-01	2.57E+00	-0.41439716
4.55E+00	3.92E-01	2.57E+00	-0.40661756
4.59E+00	3.99E-01	2.57E+00	-0.39890413
4.62E+00	4.06E-01	2.57E+00	-0.39125687
4.66E+00	4.13E-01	2.57E+00	-0.38387753
4.70E+00	4.20E-01	2.57E+00	-0.37662251
4.73E+00	4.27E-01	2.58E+00	-0.36922137
4.77E+00	4.35E-01	2.58E+00	-0.3618793
4.81E+00	4.42E-01	2.58E+00	-0.35465929
4.85E+00	4.49E-01	2.58E+00	-0.34755832
4.88E+00	4.57E-01	2.58E+00	-0.34032335
4.92E+00	4.64E-01	2.58E+00	-0.3336936
4.96E+00	4.72E-01	2.58E+00	-0.32644462
5.00E+00	4.79E-01	2.58E+00	-0.31937354

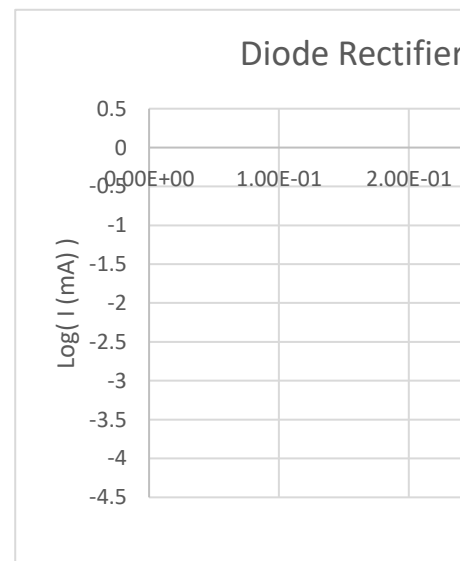
V_F @ 1.5 mA (V) Slope Ideality Factor
2.73E+00 1.19E+01 3.27E+00

Diode Type:
Diode Rectifier

Date Time
11/4/2020 11:23:02 PM

V_min (V) V_max (V) # pts Linear Scale Log Scale R_Ref (Ohms)
2.70E-01 5.00E+00 1.00E+02 FALSE TRUE 5.00E+03

V_Applied (V)	I(mA)	V_Diode (V)	Log(I (mA))
2.71E-01	9.31E-04	2.70E-01	-3.0310256
2.79E-01	-4.47E-05	2.76E-01	-3.01636024
2.87E-01	9.96E-04	2.86E-01	-3.00169488
2.96E-01	1.50E-04	2.92E-01	-3.82265688
3.05E-01	2.15E-04	3.01E-01	-3.66658296
3.14E-01	6.71E-04	3.11E-01	-3.17337717
3.23E-01	1.19E-03	3.20E-01	-2.92399344
3.33E-01	1.32E-03	3.30E-01	-2.87897884
3.43E-01	1.97E-03	3.36E-01	-2.70511952
3.53E-01	1.26E-03	3.46E-01	-2.90090318
3.64E-01	2.49E-03	3.54E-01	-2.60340143
3.75E-01	2.17E-03	3.60E-01	-2.66413307
3.86E-01	3.27E-03	3.70E-01	-2.48506594
3.97E-01	4.25E-03	3.78E-01	-2.37174496
4.09E-01	4.96E-03	3.85E-01	-2.30414548
4.21E-01	6.20E-03	3.92E-01	-2.2075915
4.34E-01	7.24E-03	3.98E-01	-2.14019725
4.47E-01	8.67E-03	4.04E-01	-2.06187021



Slope: 10.53
V_F @ 1.5 mA (V)

4.60E-01	1.00E-02	4.10E-01	-1.99833983	0.74134524
4.74E-01	1.17E-02	4.15E-01	-1.9307168	e (C)
4.88E-01	1.35E-02	4.21E-01	-1.87011684	1.6E-19
5.03E-01	1.55E-02	4.26E-01	-1.80959546	Eta
5.18E-01	1.75E-02	4.31E-01	-1.75810005	3.694389803
5.33E-01	1.97E-02	4.35E-01	-1.7048509	
5.49E-01	2.21E-02	4.39E-01	-1.6561406	
5.66E-01	2.44E-02	4.42E-01	-1.61234861	
5.83E-01	2.70E-02	4.48E-01	-1.56941384	
6.00E-01	2.96E-02	4.50E-01	-1.52843107	
6.18E-01	3.25E-02	4.54E-01	-1.48749971	
6.37E-01	3.56E-02	4.57E-01	-1.44850609	
6.56E-01	3.86E-02	4.60E-01	-1.4134577	
6.75E-01	4.18E-02	4.63E-01	-1.37831907	
6.95E-01	4.54E-02	4.67E-01	-1.34331355	
7.16E-01	4.87E-02	4.69E-01	-1.31207794	
7.37E-01	5.23E-02	4.72E-01	-1.28131649	
7.60E-01	5.64E-02	4.75E-01	-1.24906678	
7.82E-01	6.04E-02	4.77E-01	-1.2190472	
8.06E-01	6.44E-02	4.80E-01	-1.19140758	
8.30E-01	6.85E-02	4.83E-01	-1.16418391	
8.54E-01	7.28E-02	4.86E-01	-1.13778988	
8.80E-01	7.78E-02	4.88E-01	-1.10925995	
9.06E-01	8.21E-02	4.92E-01	-1.08557433	
9.33E-01	8.73E-02	4.94E-01	-1.05921117	
9.61E-01	9.23E-02	4.95E-01	-1.03466328	
9.90E-01	9.75E-02	4.98E-01	-1.01113884	
1.02E+00	1.03E-01	5.00E-01	-0.98744959	
1.05E+00	1.08E-01	5.03E-01	-0.96472239	
1.08E+00	1.14E-01	5.05E-01	-0.94263443	
1.11E+00	1.20E-01	5.08E-01	-0.92020032	
1.15E+00	1.26E-01	5.09E-01	-0.89864479	
1.18E+00	1.33E-01	5.12E-01	-0.87746958	
1.22E+00	1.39E-01	5.14E-01	-0.85626406	
1.25E+00	1.46E-01	5.15E-01	-0.83585244	
1.29E+00	1.53E-01	5.17E-01	-0.81543064	
1.33E+00	1.60E-01	5.20E-01	-0.79557341	
1.37E+00	1.68E-01	5.22E-01	-0.77523651	
1.41E+00	1.75E-01	5.23E-01	-0.75597041	
1.45E+00	1.83E-01	5.26E-01	-0.73721442	
1.50E+00	1.91E-01	5.28E-01	-0.7179038	
1.54E+00	2.00E-01	5.31E-01	-0.69955887	
1.59E+00	2.09E-01	5.32E-01	-0.68087103	
1.63E+00	2.17E-01	5.33E-01	-0.6625647	
1.68E+00	2.27E-01	5.35E-01	-0.64449867	
1.73E+00	2.36E-01	5.37E-01	-0.62620007	
1.78E+00	2.46E-01	5.39E-01	-0.60852501	

1.84E+00	2.56E-01	5.42E-01	-0.59121073
1.89E+00	2.67E-01	5.43E-01	-0.57350012
1.95E+00	2.78E-01	5.45E-01	-0.55618022
2.01E+00	2.89E-01	5.48E-01	-0.53913221
2.07E+00	3.01E-01	5.48E-01	-0.52178859
2.13E+00	3.12E-01	5.50E-01	-0.50520001
2.19E+00	3.24E-01	5.51E-01	-0.48887498
2.26E+00	3.37E-01	5.54E-01	-0.4723018
2.33E+00	3.50E-01	5.56E-01	-0.4556913
2.39E+00	3.64E-01	5.57E-01	-0.43922804
2.47E+00	3.77E-01	5.60E-01	-0.42329017
2.54E+00	3.92E-01	5.61E-01	-0.40719392
2.62E+00	4.06E-01	5.63E-01	-0.39132637
2.69E+00	4.21E-01	5.64E-01	-0.37521272
2.77E+00	4.37E-01	5.66E-01	-0.35973924
2.86E+00	4.53E-01	5.67E-01	-0.34386345
2.94E+00	4.70E-01	5.69E-01	-0.32830521
3.03E+00	4.87E-01	5.71E-01	-0.31287966
3.12E+00	5.04E-01	5.73E-01	-0.29736615
3.21E+00	5.22E-01	5.75E-01	-0.28206251
3.31E+00	5.41E-01	5.76E-01	-0.26681076
3.41E+00	5.60E-01	5.79E-01	-0.25167163
3.51E+00	5.80E-01	5.80E-01	-0.23645895
3.62E+00	6.01E-01	5.82E-01	-0.22147759
3.72E+00	6.21E-01	5.84E-01	-0.20663294
3.84E+00	6.43E-01	5.86E-01	-0.19179511
3.95E+00	6.66E-01	5.86E-01	-0.17681018
4.07E+00	6.89E-01	5.88E-01	-0.16207839
4.19E+00	7.12E-01	5.90E-01	-0.14739437
4.32E+00	7.37E-01	5.92E-01	-0.13265274
4.44E+00	7.62E-01	5.94E-01	-0.11809861
4.58E+00	7.88E-01	5.95E-01	-0.10358568
4.71E+00	8.15E-01	5.97E-01	-0.08902201
4.85E+00	8.42E-01	5.98E-01	-0.0746286
5.00E+00	8.71E-01	6.00E-01	-0.06017785

V_F @ 1.5 mA (V)	Slope	Ideality Factor
7.39E-01	1.06E+01	3.65E+00

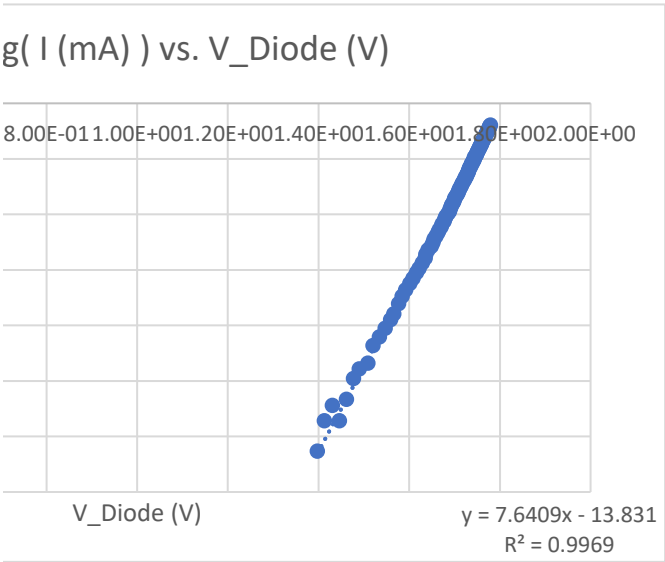
% Error
0.10180
4.06382
0.83224
1.10167

Delay (ms)

1.00E+02

I_Peak (mA)

2.00E+00



Intercept:

-13.83

k (J/K)

1.38E-23

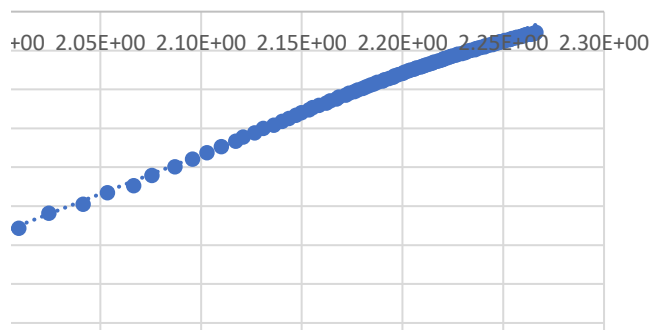
T (K)

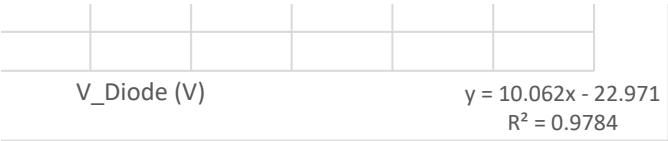
298.15

Delay (ms) I_Peak (mA)

1.00E+02 2.00E+00

.og(I (mA)) vs. V_Diode (V)



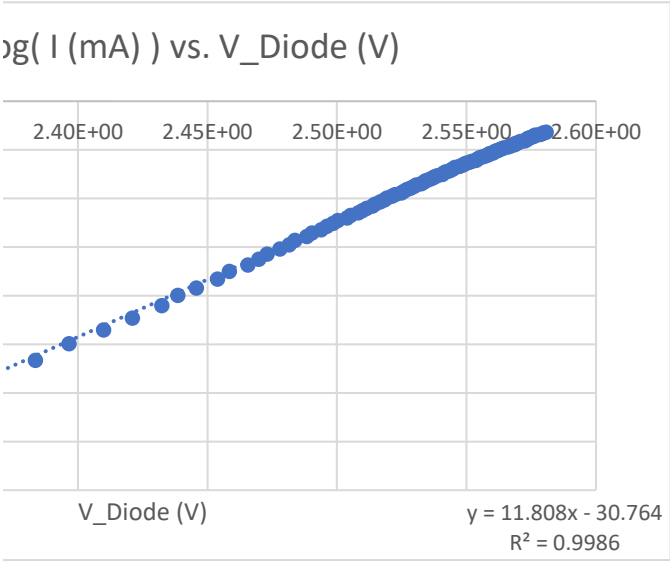


Intercept:
-22.97

k (J/K)	T (K)
1.38E-23	298.15

Delay (ms) I_Peak (mA)

1.00E+02 2.00E+00



Intercept:

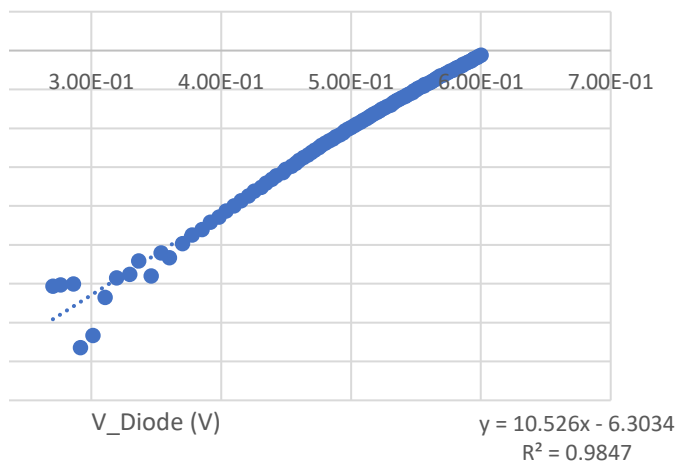
-30.76

k (J/K) T (K)

1.38E-23 298.15

Delay (ms) I_Peak (mA)
1.00E+02 2.00E+00

Plot: Log(I (mA)) vs. V_Diode (V)



Intercept:
-6.30

k (J/K)	T (K)
$1.38\text{E-}23$	298.15