

Column1	Column2	Column3													
Hfin	32 nm														
Tfin	6.5 nm														
Lp = Ln	7 nm														
Vunique	723 mV	dheeraj = {100+104+101+101+114+97+106}													
Weff = Nfin x (2Hfin + Tfin)															
S.No.	Nfin_P	Weff PMOS (nm)	W/L(PMOS)	Nfin_N	Weff NMOS (nm)	W/L(NMOS)	VTC (mV)	Id_max (uA)	Av_max	t_pd (ps)	Pavg (uW)	NML (mV)	NMH (mV)	Gm_max (uΩ⁻¹)	f (GHz)
1	7	493.5	70.5	7	493.5	70.5	344.8	113	6.428	0.6983	9.639	168.4	195.9	617.9	266.5
2	7	493.5	70.5	8	564	80.57142857	335.5	121.3	6.439	0.6729	10.31	153.9	212	642.8	261.8
3	7	493.5	70.5	9	634.5	90.64285714	327.4	128.7	6.46	0.6615	10.93	141.7	226.4	663.9	258
4	7	493.5	70.5	10	705	100.7142857	320.2	135.4	6.487	0.6648	11.5	131.4	239.3	682.1	261.6
5	7	493.5	70.5	11	775.5	110.7857143	313.7	141.6	6.518	0.6797	12.03	122.6	250.9	697.9	270.4
6	7	493.5	70.5	12	846	120.8571429	307.8	147.2	6.554	0.702	12.53	115.1	261.3	711.7	273.3
7	7	493.5	70.5	13	916.5	130.9285714	302.4	152.4	6.592	0.7224	12.99	108.6	270.7	723.9	278
8	7	493.5	70.5	14	987	141	297.5	157.2	6.63	0.737	13.42	103	279.2	734.7	282.8
9	7	493.5	70.5	15	1057.5	151.0714286	292.9	161.7	6.671	0.7475	13.82	98.16	287	744.4	276.7
10	7	493.5	70.5	16	1128	161.1428571	288.7	165.9	6.711	0.7549	14.2	93.88	294.1	753.2	272.8
11	7	493.5	70.5	17	1198.5	171.2142857	284.8	169.8	6.751	0.76	14.57	90.09	300.5	761.1	270.7
12	7	493.5	70.5	18	1269	181.2857143	281.1	173.5	6.791	0.7633	14.91	86.72	306.5	768.3	270
13	7	493.5	70.5	19	1339.5	191.3571429	277.7	176.9	6.832	0.764	15.24	83.7	312	774.9	270.3
14	7	493.5	70.5	20	1410	201.4285714	274.5	180.2	6.871	0.7633	15.55	80.99	317.1	780.9	271.7
15	7	493.5	70.5	21	1480.5	211.5	271.5	183.2	6.91	0.7657	15.84	78.53	321.9	786.4	274
16	8	564	80.5714286	7	493.5	70.5	354	120	6.429	0.7036	10.3	183.4	180.3	676.7	276.2
17	8	564	80.5714286	8	564	80.57142857	344.8	129.2	6.428	0.6983	11.02	168.4	195.9	706.2	266.5
18	8	564	80.5714286	9	634.5	90.64285714	336.6	137.5	6.437	0.6757	11.69	155.6	210.1	731.4	262.9
19	8	564	80.5714286	10	705	100.7142857	329.3	145	6.454	0.6625	12.31	144.6	222.9	753.1	258.2
20	8	564	80.5714286	11	775.5	110.7857143	322.8	152	6.477	0.6623	12.9	135.1	234.6	772.1	259.4
21	8	564	80.5714286	12	846	120.8571429	316.8	158.4	6.503	0.6714	13.45	126.8	245.3	788.9	265.6
22	8	564	80.5714286	13	916.5	130.9285714	311.4	164.3	6.532	0.6873	13.97	119.7	254.9	803.7	271.3
23	8	564	80.5714286	14	987	141	306.4	169.8	6.564	0.7079	14.45	113.4	263.8	817	274.3
24	8	564	80.5714286	15	1057.5	151.0714286	301.7	174.9	6.597	0.7245	14.91	107.9	271.8	828.9	278.8
25	8	564	80.5714286	16	1128	161.1428571	297.5	179.7	6.63	0.737	15.34	103	279.2	839.7	282.8
26	8	564	80.5714286	17	1198.5	171.2142857	293.5	184.2	6.665	0.7463	15.74	98.74	286.1	849.4	277.3
27	8	564	80.5714286	18	1269	181.2857143	289.7	188.4	6.7	0.7533	16.13	94.9	292.3	858.4	273.6
28	8	564	80.5714286	19	1339.5	191.3571429	286.2	192.4	6.736	0.7583	16.49	91.46	298.2	866.5	271.4
29	8	564	80.5714286	20	1410	201.4285714	282.9	196.2	6.771	0.7618	16.85	88.36	303.6	874	270.2
30	8	564	80.5714286	21	1480.5	211.5	279.8	199.8	6.807	0.7641	17.18	85.55	308.6	880.9	270
31	9	634.5	90.6428571	7	493.5	70.5	362.1	126.2	6.44	0.6942	10.9	196.8	167.2	731.3	269.1
32	9	634.5	90.6428571	8	564	80.57142857	352.9	136.2	6.428	0.7039	11.68	181.6	182.1	765.2	275.3
33	9	634.5	90.6428571	9	634.5	90.64285714	344.8	145.3	6.428	0.6983	12.39	168.4	195.9	794.4	266.5

34	9	634.5	90.6428571	10	705	100.7142857	337.5	153.7	6.436	0.6782	13.07	156.9	208.6	819.8	263.8
35	9	634.5	90.6428571	11	775.5	110.7857143	330.9	161.3	6.449	0.6644	13.7	146.9	220.2	842.1	258.6
36	9	634.5	90.6428571	12	846	120.8571429	324.9	168.4	6.468	0.6613	14.3	138.1	230.9	861.8	258.4
37	9	634.5	90.6428571	13	916.5	130.9285714	319.4	175	6.49	0.6664	14.87	130.4	240.7	879.4	262.3
38	9	634.5	90.6428571	14	987	141	314.3	181.2	6.516	0.6777	15.4	123.5	249.7	895.1	269.9
39	9	634.5	90.6428571	15	1057.5	151.0714286	309.7	186.9	6.542	0.6938	15.9	117.5	258	909.3	272.1
40	9	634.5	90.6428571	16	1128	161.1428571	305.3	192.3	6.571	0.712	16.37	112.1	265.6	922.2	275.1
41	9	634.5	90.6428571	17	1198.5	171.2142857	301.3	197.4	6.6	0.7261	16.82	107.3	272.7	933.9	279.3
42	9	634.5	90.6428571	18	1269	181.2857143	297.5	202.1	6.63	0.737	17.25	103	279.2	944.6	282.8
43	9	634.5	90.6428571	19	1339.5	191.3571429	293.9	206.7	6.662	0.7454	17.66	99.19	285.3	954.5	277.8
44	9	634.5	90.6428571	20	1410	201.4285714	290.5	210.9	6.693	0.7519	18.05	95.72	291	963.5	274.3
45	9	634.5	90.6428571	21	1480.5	211.5	287.4	215	6.725	0.7568	18.42	92.56	296.3	971.9	272
46	10	705	100.714286	7	493.5	70.5	369.3	131.8	6.456	0.6789	11.46	208.9	156	782.1	266.7
47	10	705	100.714286	8	564	80.57142857	360.2	142.6	6.437	0.6976	12.29	193.6	170.3	820.5	270.5
48	10	705	100.714286	9	634.5	90.64285714	352.1	152.4	6.427	0.7039	13.06	180.2	183.6	853.7	274.1
49	10	705	100.714286	10	705	100.7142857	344.8	161.5	6.428	0.6983	13.77	168.4	195.9	882.7	266.5
50	10	705	100.714286	11	775.5	110.7857143	338.2	169.8	6.435	0.6803	14.44	158	207.3	908.3	263.8
51	10	705	100.714286	12	846	120.8571429	332.2	177.6	6.447	0.6662	15.08	148.8	217.9	931	259.3
52	10	705	100.714286	13	916.5	130.9285714	326.6	184.8	6.463	0.6613	15.69	140.6	227.7	951.3	258.1
53	10	705	100.714286	14	987	141	321.5	191.6	6.481	0.6633	16.27	133.3	236.8	969.5	260.3
54	10	705	100.714286	15	1057.5	151.0714286	316.8	197.9	6.503	0.6714	16.82	126.8	245.3	986.1	265.6
55	10	705	100.714286	16	1128	161.1428571	312.4	203.9	6.526	0.6836	17.34	121	253.1	1001	270.8
56	10	705	100.714286	17	1198.5	171.2142857	308.3	209.5	6.551	0.6995	17.83	115.8	260.3	1015	272.9
57	10	705	100.714286	18	1269	181.2857143	304.5	214.8	6.577	0.7151	18.3	111.1	267.1	1027	275.9
58	10	705	100.714286	19	1339.5	191.3571429	300.9	219.8	6.604	0.7274	18.74	106.9	273.4	1039	279.8
59	10	705	100.714286	20	1410	201.4285714	297.5	224.6	6.63	0.737	19.17	103	279.2	1050	282.8
60	10	705	100.714286	21	1480.5	211.5	294.2	229.1	6.659	0.7447	19.58	99.56	284.7	1059	278.3
61	11	775.5	110.785714	7	493.5	70.5	375.8	136.8	6.477	0.6749	11.98	219.9	146.3	829.8	261.4
62	11	775.5	110.785714	8	564	80.57142857	366.7	148.3	6.449	0.6834	12.86	204.5	160	872.5	267.1
63	11	775.5	110.785714	9	634.5	90.64285714	358.6	158.9	6.434	0.6997	13.68	191	172.8	909.6	271.9
64	11	775.5	110.785714	10	705	100.7142857	351.4	168.6	6.428	0.7039	14.43	179.1	184.7	942.2	273.1
65	11	775.5	110.785714	11	775.5	110.7857143	344.8	177.6	6.428	0.6983	15.15	168.4	195.9	971	266.5
66	11	775.5	110.785714	12	846	120.8571429	338.8	186	6.434	0.6821	15.82	158.9	206.3	996.7	263.9
67	11	775.5	110.785714	13	916.5	130.9285714	333.2	193.9	6.444	0.668	16.47	150.4	216.1	1020	259.9
68	11	775.5	110.785714	14	987	141	328.1	201.2	6.457	0.6618	17.08	142.8	225.1	1041	258
69	11	775.5	110.785714	15	1057.5	151.0714286	323.4	208.1	6.474	0.6619	17.67	135.9	233.6	1059	259.1
70	11	775.5	110.785714	16	1128	161.1428571	318.9	214.6	6.493	0.6672	18.23	129.7	241.5	1077	262.8
71	11	775.5	110.785714	17	1198.5	171.2142857	314.8	220.8	6.513	0.6764	18.76	124.1	248.9	1092	269.1
72	11	775.5	110.785714	18	1269	181.2857143	310.9	226.6	6.534	0.689	19.27	119.1	255.8	1107	271.5
73	11	775.5	110.785714	19	1339.5	191.3571429	307.3	232.1	6.558	0.7043	19.75	114.5	262.2	1120	273.6

73	11	775.5	110.785714	19	1339.5	191.3571429	307.3	232.1	6.558	0.7043	19.75	114.5	262.2	1120	273.6
74	11	775.5	110.785714	20	1410	201.4285714	303.8	237.3	6.582	0.7176	20.22	110.3	268.3	1132	276.5
75	11	775.5	110.785714	21	1480.5	211.5	300.5	242.3	6.606	0.7283	20.66	106.5	273.9	1144	280.2
76	12	846	120.857143	7	493.5	70.5	381.6	141.4	6.499	0.6802	12.45	229.8	137.9	874.6	260.8
77	12	846	120.857143	8	564	80.57142857	372.6	153.6	6.466	0.6754	13.4	214.5	151	921.5	263.3
78	12	846	120.857143	9	634.5	90.64285714	364.6	164.8	6.444	0.6884	14.26	201	163.3	962.5	267.7
79	12	846	120.857143	10	705	100.7142857	357.4	175.1	6.433	0.7012	15.06	188.9	174.8	998.6	273.2
80	12	846	120.857143	11	775.5	110.7857143	350.8	184.8	6.428	0.7038	15.81	178.1	185.7	1031	272.3
81	12	846	120.857143	12	846	120.8571429	344.8	193.8	6.428	0.6983	16.52	168.4	195.9	1059	266.5
82	12	846	120.857143	13	916.5	130.9285714	339.2	202.2	6.433	0.6838	17.2	159.7	205.5	1085	264
83	12	846	120.857143	14	987	141	334.1	210.1	6.442	0.6697	17.85	151.8	214.5	1108	260.6
84	12	846	120.857143	15	1057.5	151.0714286	329.3	217.5	6.454	0.6625	18.47	144.6	222.9	1130	258.2
85	12	846	120.857143	16	1128	161.1428571	324.9	224.6	6.468	0.6613	19.07	138.1	230.9	1149	258.4
86	12	846	120.857143	17	1198.5	171.2142857	320.7	231.2	6.485	0.6641	19.63	132.2	238.3	1167	261
87	12	846	120.857143	18	1269	181.2857143	316.8	237.5	6.503	0.6714	20.18	126.8	245.3	1183	265.6
88	12	846	120.857143	19	1339.5	191.3571429	313.1	243.5	6.522	0.6813	20.7	122	251.8	1198	270.6
89	12	846	120.857143	20	1410	201.4285714	309.7	249.2	6.542	0.6938	21.2	117.5	258	1212	272.1
90	12	846	120.857143	21	1480.5	211.5	306.4	254.6	6.564	0.7079	21.68	113.4	263.8	1225	274.3
91	13	916.5	130.928571	7	493.5	70.5	387	145.6	6.521	0.6929	12.89	238.9	130.5	916.8	264.1
92	13	916.5	130.928571	8	564	80.57142857	378	158.4	6.484	0.6759	13.89	223.7	143	967.9	260.6
93	13	916.5	130.928571	9	634.5	90.64285714	370.1	170.2	6.459	0.6778	14.81	210.2	154.8	1013	265.9
94	13	916.5	130.928571	10	705	100.7142857	362.9	181.2	6.441	0.6927	15.65	198.1	166	1052	268.6
95	13	916.5	130.928571	11	775.5	110.7857143	356.3	191.4	6.432	0.7021	16.45	187.2	176.5	1087	274.5
96	13	916.5	130.928571	12	846	120.8571429	350.3	201	6.427	0.7036	17.19	177.3	186.5	1119	271.7
97	13	916.5	130.928571	13	916.5	130.9285714	344.8	209.9	6.428	0.6983	17.9	168.4	195.9	1148	266.5
98	13	916.5	130.928571	14	987	141	339.7	218.4	6.432	0.6852	18.58	160.3	204.8	1173	264.1
99	13	916.5	130.928571	15	1057.5	151.0714286	334.9	226.3	6.44	0.6714	19.23	152.9	213.1	1197	261.2
100	13	916.5	130.928571	16	1128	161.1428571	330.4	233.9	6.451	0.6634	19.85	146.2	221	1219	258.6
101	13	916.5	130.928571	17	1198.5	171.2142857	326.2	241	6.463	0.6613	20.46	140	228.5	1239	258.1
102	13	916.5	130.928571	18	1269	181.2857143	322.3	247.8	6.477	0.6626	21.04	134.4	235.5	1257	259.7
103	13	916.5	130.928571	19	1339.5	191.3571429	318.6	254.2	6.494	0.6678	21.59	129.3	242.1	1274	263.2
104	13	916.5	130.928571	20	1410	201.4285714	315.1	260.4	6.512	0.6756	22.13	124.5	248.3	1290	268.5
105	13	916.5	130.928571	21	1480.5	211.5	311.8	266.2	6.529	0.6858	22.64	120.2	254.2	1304	271.1
106	14	987	141	7	493.5	70.5	391.8	149.5	6.545	0.7124	13.3	247.3	123.9	956.8	267.3
107	14	987	141	8	564	80.57142857	383	162.8	6.504	0.6828	14.36	232.2	135.9	1012	261.2
108	14	987	141	9	634.5	90.64285714	375.1	175.2	6.474	0.6746	15.33	218.7	147.3	1060	261.6
109	14	987	141	10	705	100.7142857	367.9	186.8	6.453	0.6811	16.22	206.6	158.1	1103	266.8
110	14	987	141	11	775.5	110.7857143	361.4	197.5	6.439	0.6955	17.05	195.6	168.3	1142	269.5
111	14	987	141	12	846	120.8571429	355.4	207.6	6.431	0.7028	17.83	185.7	178	1176	275.6
112	14	987	141	13	916.5	130.9285714	349.9	217.1	6.427	0.7034	18.57	176.7	187.2	1207	271.2
113	14	987	141	14	987	141	344.8	226.1	6.428	0.6983	19.28	168.4	195.9	1236	266.5

114	14	987	141	15	1057.5	151.0714286	340	234.5	6.433	0.6865	19.96	160.9	204.2	1262	264.2
115	14	987	141	16	1128	161.1428571	335.5	242.5	6.439	0.6729	20.61	153.9	212	1286	261.8
116	14	987	141	17	1198.5	171.2142857	331.4	250.1	6.449	0.665	21.24	147.6	219.4	1308	258.8
117	14	987	141	18	1269	181.2857143	327.4	257.4	6.46	0.6615	21.85	141.7	226.4	1328	258
118	14	987	141	19	1339.5	191.3571429	323.7	264.3	6.473	0.6617	22.44	136.4	233	1347	258.9
119	14	987	141	20	1410	201.4285714	320.2	270.8	6.487	0.6648	23	131.4	239.3	1364	261.6
120	14	987	141	21	1480.5	211.5	316.8	277.1	6.503	0.6714	23.54	126.8	245.3	1380	265.6
121	15	1057.5	151.071429	7	493.5	70.5	396.4	153	6.571	0.7354	13.68	255	118.1	994.7	267.7
122	15	1057.5	151.071429	8	564	80.57142857	387.6	167	6.525	0.695	14.79	240	129.6	1054	264.8
123	15	1057.5	151.071429	9	634.5	90.64285714	379.7	179.9	6.491	0.6775	15.81	226.6	140.5	1106	260.5
124	15	1057.5	151.071429	10	705	100.7142857	372.6	192	6.466	0.6754	16.75	214.5	151	1152	263.3
125	15	1057.5	151.071429	11	775.5	110.7857143	366.2	203.3	6.449	0.6847	17.62	203.6	160.9	1193	267.2
126	15	1057.5	151.071429	12	846	120.8571429	360.2	213.9	6.437	0.6976	18.43	193.6	170.3	1231	270.5
127	15	1057.5	151.071429	13	916.5	130.9285714	354.7	223.9	6.43	0.7033	19.21	184.5	179.3	1265	276.3
128	15	1057.5	151.071429	14	987	141	349.6	233.3	6.428	0.7033	19.95	176.1	187.8	1296	270.8
129	15	1057.5	151.071429	15	1057.5	151.0714286	344.8	242.2	6.428	0.6983	20.66	168.4	195.9	1324	266.5
130	15	1057.5	151.071429	16	1128	161.1428571	340.3	250.7	6.432	0.6876	21.34	161.3	203.6	1350	264.3
131	15	1057.5	151.071429	17	1198.5	171.2142857	336.1	258.7	6.439	0.6744	21.99	154.8	211	1374	262.4
132	15	1057.5	151.071429	18	1269	181.2857143	332.2	266.4	6.447	0.6662	22.63	148.8	217.9	1396	259.3
133	15	1057.5	151.071429	19	1339.5	191.3571429	328.4	273.7	6.457	0.6619	23.24	143.3	224.6	1417	258.1
134	15	1057.5	151.071429	20	1410	201.4285714	324.9	280.7	6.468	0.6613	23.83	138.1	230.9	1436	258.4
135	15	1057.5	151.071429	21	1480.5	211.5	321.5	287.4	6.481	0.6633	24.4	133.3	236.8	1454	260.3
136	16	1128	161.142857	7	493.5	70.5	400.5	156.4	6.594	0.7521	14.04	262.1	112.8	1031	269.1
137	16	1128	161.142857	8	564	80.57142857	391.8	170.8	6.545	0.7124	15.19	247.3	123.9	1094	267.3
138	16	1128	161.142857	9	634.5	90.64285714	384.1	184.3	6.508	0.6852	16.26	234	134.4	1149	261.8
139	16	1128	161.142857	10	705	100.7142857	377	196.8	6.481	0.6753	17.25	221.9	144.5	1199	260.9
140	16	1128	161.142857	11	775.5	110.7857143	370.5	208.6	6.459	0.6772	18.16	211	154.1	1243	265.4
141	16	1128	161.142857	12	846	120.8571429	364.6	219.7	6.444	0.6884	19.01	201	163.3	1283	267.7
142	16	1128	161.142857	13	916.5	130.9285714	359.1	230.2	6.435	0.6991	19.82	191.8	172	1320	271.4
143	16	1128	161.142857	14	987	141	354	240.1	6.429	0.7036	20.59	183.4	180.3	1353	276.2
144	16	1128	161.142857	15	1057.5	151.0714286	349.3	249.5	6.427	0.7031	21.33	175.6	188.3	1384	270.5
145	16	1128	161.142857	16	1128	161.1428571	344.8	258.4	6.428	0.6983	22.03	168.4	195.9	1412	266.5
146	16	1128	161.142857	17	1198.5	171.2142857	340.6	266.9	6.431	0.6886	22.71	161.8	203.1	1438	264.4
147	16	1128	161.142857	18	1269	181.2857143	336.6	274.9	6.437	0.6757	23.37	155.6	210.1	1463	262.9
148	16	1128	161.142857	19	1339.5	191.3571429	332.9	282.7	6.444	0.6674	24.01	149.9	216.7	1485	259.7
149	16	1128	161.142857	20	1410	201.4285714	329.3	290.1	6.454	0.6625	24.63	144.6	222.9	1506	258.2
150	16	1128	161.142857	21	1480.5	211.5	326	297.1	6.464	0.6613	25.23	139.7	228.9	1526	258.2
151	17	1198.5	171.214286	7	493.5	70.5	404.4	159.5	6.618	0.7644	14.37	268.7	108.1	1065	271.8
152	17	1198.5	171.214286	8	564	80.57142857	395.8	174.4	6.566	0.733	15.58	254	118.8	1131	267.5
153	17	1198.5	171.214286	9	634.5	90.64285714	388.1	188.3	6.527	0.6968	16.69	240.8	128.9	1190	265.3

154	17	1198.5	171.214286	10	705	100.7142857	381.1	201.4	6.496	0.6793	17.72	228.9	138.6	1243	260.6
155	17	1198.5	171.214286	11	775.5	110.7857143	374.7	213.6	6.473	0.6746	18.68	218	147.9	1291	261.8
156	17	1198.5	171.214286	12	846	120.8571429	368.8	225.2	6.455	0.6798	19.57	207.9	156.8	1334	266.7
157	17	1198.5	171.214286	13	916.5	130.9285714	363.3	236.1	6.442	0.6919	20.41	198.8	165.4	1373	268.4
158	17	1198.5	171.214286	14	987	141	358.2	246.4	6.434	0.7003	21.21	190.3	173.5	1409	272.3
159	17	1198.5	171.214286	15	1057.5	151.0714286	353.4	256.3	6.429	0.7038	21.97	182.4	181.3	1442	276.1
160	17	1198.5	171.214286	16	1128	161.1428571	349	265.6	6.427	0.7029	22.7	175.2	188.8	1472	270.2
161	17	1198.5	171.214286	17	1198.5	171.2142857	344.8	274.5	6.428	0.6983	23.41	168.4	195.9	1501	266.5
162	17	1198.5	171.214286	18	1269	181.2857143	340.8	283	6.432	0.6895	24.09	162.2	202.7	1527	264.4
163	17	1198.5	171.214286	19	1339.5	191.3571429	337.1	291.1	6.437	0.677	24.75	156.3	209.3	1551	263.4
164	17	1198.5	171.214286	20	1410	201.4285714	333.5	298.9	6.443	0.6686	25.39	150.9	215.5	1574	260.1
165	17	1198.5	171.214286	21	1480.5	211.5	330.2	306.4	6.452	0.6632	26.01	145.8	221.5	1595	258.5
166	18	1269	181.285714	7	493.5	70.5	408	162.4	6.642	0.774	14.7	274.8	103.8	1098	273.6
167	18	1269	181.285714	8	564	80.57142857	399.5	177.8	6.588	0.7484	15.94	260.3	114.1	1168	268.6
168	18	1269	181.285714	9	634.5	90.64285714	391.8	192.2	6.545	0.7124	17.09	247.3	123.9	1230	267.3
169	18	1269	181.285714	10	705	100.7142857	384.9	205.7	6.512	0.6872	18.17	235.4	133.3	1286	262.3
170	18	1269	181.285714	11	775.5	110.7857143	378.5	218.4	6.486	0.6763	19.16	224.5	142.3	1337	260.6
171	18	1269	181.285714	12	846	120.8571429	372.6	230.4	6.466	0.6754	20.1	214.5	151	1382	263.3
172	18	1269	181.285714	13	916.5	130.9285714	367.2	241.7	6.451	0.6824	20.97	205.3	159.2	1424	267
173	18	1269	181.285714	14	987	141	362.1	252.5	6.44	0.6942	21.8	196.8	167.2	1463	269.1
174	18	1269	181.285714	15	1057.5	151.0714286	357.4	262.7	6.433	0.7012	22.59	188.9	174.8	1498	273.2
175	18	1269	181.285714	16	1128	161.1428571	352.9	272.5	6.428	0.7039	23.35	181.6	182.1	1530	275.3
176	18	1269	181.285714	17	1198.5	171.2142857	348.7	281.8	6.427	0.7028	24.08	174.8	189.2	1561	269.9
177	18	1269	181.285714	18	1269	181.2857143	344.8	290.7	6.428	0.6983	24.79	168.4	195.9	1589	266.5
178	18	1269	181.285714	19	1339.5	191.3571429	341	299.2	6.431	0.6903	25.47	162.5	202.4	1615	264.5
179	18	1269	181.285714	20	1410	201.4285714	337.5	307.3	6.436	0.6782	26.13	156.9	208.6	1640	263.8
180	18	1269	181.285714	21	1480.5	211.5	334.1	315.1	6.442	0.6697	26.77	151.8	214.5	1663	260.6
181	19	1339.5	191.357143	7	493.5	70.5	411.4	165.1	6.664	0.7817	15	280.6	99.93	1129	273.6
182	19	1339.5	191.357143	8	564	80.57142857	403	180.9	6.609	0.7602	16.28	266.2	109.8	1203	270.7
183	19	1339.5	191.357143	9	634.5	90.64285714	395.4	195.8	6.565	0.7309	17.48	253.3	119.3	1268	267.4
184	19	1339.5	191.357143	10	705	100.7142857	388.5	209.7	6.529	0.6982	18.59	241.5	128.4	1327	265.7
185	19	1339.5	191.357143	11	775.5	110.7857143	382.1	222.8	6.5	0.6811	19.63	230.7	137.1	1381	260.9
186	19	1339.5	191.357143	12	846	120.8571429	376.3	235.2	6.477	0.675	20.6	220.7	145.5	1429	261.2
187	19	1339.5	191.357143	13	916.5	130.9285714	370.9	247	6.461	0.6768	21.51	211.5	153.6	1473	265
188	19	1339.5	191.357143	14	987	141	365.8	258.2	6.448	0.6854	22.37	203	161.4	1514	267.3
189	19	1339.5	191.357143	15	1057.5	151.0714286	361.1	268.8	6.438	0.6961	23.19	195.1	168.8	1552	269.8
190	19	1339.5	191.357143	16	1128	161.1428571	356.7	279	6.432	0.7018	23.98	187.7	176	1587	274.1
191	19	1339.5	191.357143	17	1198.5	171.2142857	352.5	288.7	6.429	0.7039	24.73	180.9	182.9	1619	274.6
192	19	1339.5	191.357143	18	1269	181.2857143	348.5	297.9	6.427	0.7026	25.46	174.4	189.5	1649	269.7
193	19	1339.5	191.357143	19	1339.5	191.3571429	344.8	306.8	6.428	0.6983	26.16	168.4	195.9	1677	266.5
194	19	1339.5	191.357143	20	1410	201.4285714	341.2	315.3	6.431	0.6911	26.85	162.8	202	1703	264.6
195	19	1339.5	191.357143	21	1480.5	211.5	337.9	323.5	6.435	0.6793	27.51	157.5	207.9	1728	263.8
196	20	1410	201.428571	7	493.5	70.5	414.6	167.7	6.686	0.7882	15.3	285.9	96.36	1159	272.4

197	20	1410	201.428571	8	564	80.57142857	406.2	183.9	6.63	0.7695	16.61	271.8	105.9	1236	273.5
198	20	1410	201.428571	9	634.5	90.64285714	398.7	199.2	6.583	0.7454	17.84	259	115.1	1305	268.3
199	20	1410	201.428571	10	705	100.7142857	391.8	213.5	6.545	0.7124	18.99	247.3	123.9	1367	267.3
200	20	1410	201.428571	11	775.5	110.7857143	385.6	227.1	6.516	0.689	20.07	236.5	132.4	1423	262.8
201	20	1410	201.428571	12	846	120.8571429	379.7	239.9	6.491	0.6775	21.08	226.6	140.5	1474	260.5
202	20	1410	201.428571	13	916.5	130.9285714	374.4	252	6.471	0.6747	22.03	217.4	148.4	1521	262
203	20	1410	201.428571	14	987	141	369.3	263.6	6.456	0.6789	22.92	208.9	156	1564	266.7
204	20	1410	201.428571	15	1057.5	151.0714286	364.6	274.6	6.444	0.6884	23.77	201	163.3	1604	267.7
205	20	1410	201.428571	16	1128	161.1428571	360.2	285.1	6.437	0.6976	24.58	193.6	170.3	1641	270.5
206	20	1410	201.428571	17	1198.5	171.2142857	356	295.2	6.431	0.7024	25.36	186.7	177.1	1675	274.9
207	20	1410	201.428571	18	1269	181.2857143	352.1	304.8	6.427	0.7039	26.11	180.2	183.6	1707	274.1
208	20	1410	201.428571	19	1339.5	191.3571429	348.3	314.1	6.427	0.7025	26.84	174.1	189.9	1737	269.5
209	20	1410	201.428571	20	1410	201.4285714	344.8	323	6.428	0.6983	27.54	168.4	195.9	1765	266.5
210	20	1410	201.428571	21	1480.5	211.5	341.4	331.5	6.43	0.6917	28.22	163.1	201.7	1792	264.6
211	21	1480.5	211.5	7	493.5	70.5	417.6	170.1	6.708	0.7941	15.58	291	93.09	1188	270.9
212	21	1480.5	211.5	8	564	80.57142857	409.3	186.8	6.65	0.777	16.93	277	102.3	1268	273.3
213	21	1480.5	211.5	9	634.5	90.64285714	401.8	202.4	6.602	0.7566	18.19	264.3	111.2	1340	269.9
214	21	1480.5	211.5	10	705	100.7142857	395	217.1	6.563	0.7289	19.38	252.7	119.7	1405	267.4
215	21	1480.5	211.5	11	775.5	110.7857143	388.8	231.1	6.53	0.6994	20.49	242	128	1464	266.1
216	21	1480.5	211.5	12	846	120.8571429	383	244.3	6.504	0.6828	21.54	232.2	135.9	1518	261.2
217	21	1480.5	211.5	13	916.5	130.9285714	377.6	256.8	6.483	0.6756	22.52	223	143.6	1567	260.7
218	21	1480.5	211.5	14	987	141	372.6	268.8	6.466	0.6754	23.45	214.5	151	1613	263.3
219	21	1480.5	211.5	15	1057.5	151.0714286	367.9	280.1	6.453	0.6811	24.33	206.6	158.1	1655	266.8
220	21	1480.5	211.5	16	1128	161.1428571	363.5	291	6.442	0.6913	25.16	199.2	165	1694	268.2
221	21	1480.5	211.5	17	1198.5	171.2142857	359.4	301.5	6.436	0.6988	25.97	192.2	171.6	1730	271.2
222	21	1480.5	211.5	18	1269	181.2857143	355.4	311.4	6.431	0.7028	26.74	185.7	178	1764	275.6
223	21	1480.5	211.5	19	1339.5	191.3571429	351.7	321	6.428	0.7039	27.49	179.6	184.2	1796	273.5
224	21	1480.5	211.5	20	1410	201.4285714	348.2	330.2	6.427	0.7023	28.21	173.8	190.1	1826	269.3
225	21	1480.5	211.5	21	1480.5	211.5	344.8	339.1	6.428	0.6983	28.92	168.4	195.9	1854	266.5