

Theta	5100.00(MHz)	5200.00(MHz)	5300.00(MHz)	5400.00(MHz)	5500.00(MHz)	5600.00(MHz)	5700.00(MHz)	5800.00(MHz)	5900.00(MHz)
-180	-18.4217	-15.8299	-17.5411	-16.9864	-13.0918	-12.0571	-11.3466	-10.526	-7.07716
-179	-19.7478	-17.3049	-19.9951	-17.1921	-14.7636	-13.5117	-12.2576	-12.0737	-7.48971
-178	-21.0722	-16.9181	-18.2459	-17.603	-15.5818	-14.5057	-12.9797	-13.6708	-8.35622
-177	-21.0646	-15.0979	-14.6902	-17.4016	-14.3123	-14.2079	-13.1752	-14.0229	-9.37538
-176	-19.9277	-13.6784	-12.4536	-16.4887	-12.5715	-13.418	-13.2143	-13.1443	-10.2894
-175	-18.9523	-13.2458	-11.6154	-15.5822	-11.5707	-13.168	-13.6414	-12.3091	-11.1636
-174	-18.668	-13.8926	-12.083	-15.1948	-11.5526	-13.8521	-14.6792	-12.1289	-12.3952
-173	-19.0425	-15.6837	-13.9162	-15.4434	-12.5456	-15.49	-16.0244	-12.6894	-14.4595
-172	-19.7043	-18.5782	-17.0568	-16.1324	-14.524	-17.3415	-16.6993	-13.8401	-17.4786
-171	-20.0371	-21.195	-18.7833	-16.7137	-16.9789	-17.2231	-16.1003	-15.0539	-19.0618
-170	-19.7728	-20.4495	-16.1022	-16.5978	-17.927	-15.2458	-15.0864	-15.3479	-16.4985
-169	-19.3922	-18.4543	-13.5259	-15.9376	-16.631	-13.5034	-14.4314	-14.4203	-13.8164
-168	-19.4935	-17.3149	-12.3371	-15.4207	-15.2756	-12.6155	-14.2948	-13.1642	-12.3542
-167	-20.4089	-17.1159	-12.4359	-15.5129	-14.8324	-12.5885	-14.5519	-12.2859	-12.0242
-166	-22.1774	-17.5099	-13.752	-16.4488	-15.3984	-13.3556	-15.0561	-12.0308	-12.722
-165	-23.9788	-17.979	-16.1964	-18.4063	-16.9019	-14.8443	-15.7936	-12.4767	-14.4493
-164	-23.6389	-18.0519	-18.6058	-21.4124	-18.903	-16.8801	-16.9179	-13.6551	-17.2431
-163	-21.6369	-17.7114	-17.9003	-23.8849	-19.8721	-18.7867	-18.7075	-15.4982	-20.6775
-162	-19.9968	-17.304	-15.5962	-22.4786	-18.7604	-19.3063	-21.3395	-17.4389	-22.0938
-161	-19.2324	-17.0878	-14.0351	-19.983	-17.1114	-18.4051	-24.0414	-17.9415	-20.4523
-160	-19.2469	-17.1094	-13.4819	-18.4623	-15.9459	-17.3062	-23.9809	-16.6465	-18.78
-159	-19.764	-17.2923	-13.8175	-17.9794	-15.3554	-16.653	-22.0333	-15.1036	-17.8716
-158	-20.2482	-17.5551	-14.9143	-18.3946	-15.1973	-16.5904	-20.7543	-14.1055	-17.5488
-157	-20.1705	-17.867	-16.592	-19.5647	-15.2766	-17.1097	-20.5968	-13.7851	-17.5674
-156	-19.6027	-18.2745	-18.4011	-21.1878	-15.4714	-18.1326	-21.4993	-14.1294	-17.7239
-155	-19.083	-18.8337	-19.4457	-22.4715	-15.7613	-19.3834	-23.3363	-15.1355	-17.9367
-154	-19.0174	-19.5134	-19.1997	-22.531	-16.1671	-20.1636	-25.747	-16.771	-18.2016
-153	-19.5762	-20.1002	-18.2884	-21.7697	-16.6468	-19.7618	-27.5843	-18.7132	-18.5479
-152	-20.7963	-20.2106	-17.3906	-21.1132	-16.9891	-18.5388	-27.4503	-19.8485	-18.9751
-151	-22.5587	-19.6526	-16.7342	-20.9206	-16.8749	-17.314	-25.9235	-19.1634	-19.4222
-150	-24.346	-18.7142	-16.3399	-21.1302	-16.2614	-16.5337	-24.074	-17.6842	-19.7826
-149	-25.1589	-17.8335	-16.2108	-21.4649	-15.4575	-16.327	-22.3204	-16.5053	-19.974
-148	-24.7696	-17.2736	-16.3425	-21.594	-14.8097	-16.7373	-20.8612	-15.9146	-20.012
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-136	-19.6148	-16.4814	-20.9414	-15.6043	-17.8108	-20.3518	-15.9874	-23.7118	-17.1926
-135	-19.0267	-16.3768	-19.7487	-15.399	-18.9873	-18.8346	-16.8445	-23.1354	-16.8236
-134	-18.6525	-16.2151	-18.8708	-15.1021	-20.4212	-18.0115	-17.8622	-21.6066	-16.8034
-133	-18.4717	-16.0612	-18.5335	-14.7623	-22.0034	-17.6926	-18.8415	-20.0947	-17.1336
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-130	-18.4136	-16.3435	-20.1109	-14.6142	-23.3381	-17.4247	-21.8333	-18.1977	-19.8279
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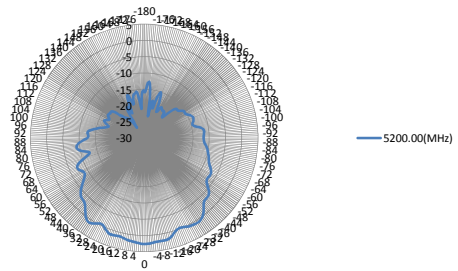
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-58	-9.30287	-6.55345	-3.78629	-2.43571	-1.84512	-1.80404	-2.35198	-3.53765	-5.67715
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-56	-8.93742	-7.19972	-4.46978	-2.56179	-2.03696	-2.05194	-2.1702	-3.77433	-5.94987
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-34	-2.3855	-0.736549	-1.08782	-2.92242	-4.28247	-3.46741	-4.07937	-4.0925	-3.75812
-33	-2.12752	-0.461392	-0.564168	-2.29093	-4.05575	-3.46345	-3.93805	-4.11657	-4.0249
-32	-1.9641	-0.269747	-0.11348	-1.58293	-3.64815	-3.47003	-3.71646	-4.07847	-4.31265
-31	-1.75138	-0.166936	0.243141	-0.856385	-3.08766	-3.42319	-3.50172	-4.01112	-4.48761
-30	-1.54121	-0.145268	0.495794	-0.177	-2.42919	-3.25418	-3.36541	-3.92632	-4.47276
-29	-1.35368	-0.182069	0.637491	0.395881	-1.74181	-2.93404	-3.32427	-3.83504	-4.32303
-28	-1.20741	-0.244864	0.672546	0.839227	-1.08794	-2.4884	-3.31884	-3.74897	-4.17672
-27	-1.10252	-0.285688	0.610092	1.12909	-0.509543	-1.96835	-3.21497	-3.68375	-4.14854
-26	-1.01113	-0.253623	0.486493	1.28617	-0.0283504	-1.43069	-2.88374	-3.63966	-4.27056
-25	-0.899629	-0.111626	0.337424	1.33536	0.35197	-0.912881	-2.30642	-3.58493	-4.49412
-24	-0.753352	0.142133	0.210331	1.32935	0.636712	-0.447966	-1.60157	-3.44507	-4.71445
-23	-0.59151	0.471513	0.17197	1.29748	0.839925	-0.0600575	-0.925821	-3.13507	-4.78442
-22	-0.458425	0.823932	0.255152	1.28634	0.985489	0.230014	-0.39181	-2.61753	-4.58215
-21	-0.389699	1.15933	0.481426	1.32666	1.10332	0.419575	0.0481767	-1.95682	-4.07631
-20	-0.388915	1.44993	0.839108	1.4396	1.22352	0.49999	0.106266	-1.29233	-3.36255
-19	-0.426806	1.68555	1.29187	1.64384	1.37817	0.511752	0.103504	-0.766773	-2.61E+00
-18	-4.54E-01	1.86E+00	1.78337	1.92E+00	1.57619	0.502916	-7.43E-03	-0.486779	-1.98E+00
-17	-4.26E-01	1.96E+00	2.26681	2.27E+00	1.82E+00	0.557073	-1.62E-01	-0.508944	-1.55E+00
-16	-3.17E-01	2.01E+00	2.6942	2.65E+00	2.11E+00	0.758E-01	-2.90E-01	-0.823089	-1.34E+00
-15	-0.119658	2.01E+00	3.03891	3.04E+00	2.44E+00	1.14E+00	-3.21E-01	-1.3367	-1.32218
-14	-0.163428	2.03906	3.3018	3.40E+00	2.80E+00	1.68E+00	-1.97E-01	-1.83882	-1.44E+00
-13	0.517663	2.14848	3.48509	3.72E+00	3.16E+00	2.25E+00	1.04E-01	-2.05675	-1.65718
-12	0.914514	2.37689	3.61912	3.96759	3.49262	2.75E+00	0.55E-01	-1.86804	-1.96001
-11	1.31276	2.70132	3.71542	4.14001	3.73893	3.12E+00	1.08E+00	-1.42961	-2.34435
-10	1.65199	3.06786	3.78847	4.22744	3.86073	3.30481	1.58E+00	-1.01589	-2.77156
-9	1.90836	3.40363	3.85035	4.24879	3.84432	3.33662	1.96141	-0.820341	-3.13046
-8	2.05623	3.65978	3.91624	4.22119	3.70978	3.25134	2.13899	-0.916633	-3.29066
-7	2.10705	3.83034	3.9973	4.178	3.49996	3.10111	2.05759	-1.28313	-3.20858
-6	2.07851	3.91377	4.08787	4.15881	3.30277	2.93174	1.71636	-1.80355	-2.99168
-5	1.99036	3.94896	4.18496	4.16397	3.1852	2.78197	1.17276	-2.26325	-2.7976
-4	1.88079	3.96702	4.27922	4.19478	3.20086	2.66221	0.551112	-2.42361	-2.73713
-3	1.76008	4.00142	4.35904	4.22723	3.3155	2.57819	0.0552081	-2.2045	-2.83854
-2	1.67924	4.05433	4.41496	4.23336	3.46538	2.5291	-0.146555	-1.76957	-3.07809
-1	1.65432	4.12681	4.4584	4.19309	3.58347	2.51212	-0.0668193	-1.36247	-3.38561
0	1.69252	4.20049	4.49701	4.0977	3.62056	2.51012	0.11469	-1.14388	-3.64236
1	1.78193	4.2552	4.52636	3.96914	3.57528	2.49684	0.20932	-1.15735	-3.69124
2	1.89813	4.28016	4.55015	3.81791	3.46633	2.44122	0.103496	-1.34767	-3.42508
3	2.01176	4.27903	4.53247	3.69412	3.32216	2.30397	-0.22074	-1.59598	-2.91012
4	2.132	4.23991	4.45041	3.62267	3.1693	2.0559	-0.70411	-1.78568	-2.35967
5	2.24103	4.16147	4.28909	3.609	2.99127	1.68439	-1.21794	-1.88256	-1.99456
6	2.35165	4.02644	4.04259	3.62143	2.7565	1.21094	-1.59713	-1.95909	-1.95406
7	2.42392	3.81402	3.72834	3.59347	2.42122	0.681001	-1.72952	-2.1206	-2.27959
8	2.43408	3.49939	3.37844	3.46649	1.96488	0.165853	-1.64681	-2.43884	-2.92368
9	2.33605	3.08769	3.01871	3.19767	1.38102	-0.271885	-1.49692	-2.92515	-3.72294
10	2.1057	2.58994	2.67622	2.77061	0.710501	-0.617701	-1.43994	-3.53635	-4.40687
11	1.75381	2.06978	2.35864	2.21501	0.0498122	-0.910213	-1.58061	-4.18185	-4.71437
12	1.30617	1.62126	2.04858	1.61562	-0.483449	-1.21106	-1.94896	-4.71061	-4.60302
13	0.836837	1.33001	1.74516	1.09161	-0.783759	-1.55824	-2.49136	-4.91742	-4.25818
14	0.447018	1.21655	1.43961	0.767426	-0.824451	-1.93448	-0.06391	-4.66386	-3.90061
15	0.223966	1.22558	1.15519	6.88E-01	-6.73E-01	-2.2625	-3.44757	-4.05272	-3.67241
16	2.22E-01	1.26559	0.93739	8.27E-01	-4.37E-01	-2.42527	-3.47042	-3.36829	-3.6324
17	4.02E-01	1.26E+00	8.33E-01	1.07E+00	-2.02E-01	-2.33096	-3.15073	-2.86274	-3.76096
18	6.62E-01	1.17E+00	8.67E-01	1.31E+00	-7.22E-03	-1.97855	-2.66942	-2.65279	-3.95688
19	8.85E-01	9.90E-01	9.94E-01	1.47237	0.150668	-1.46763	-2.21892	-2.72314	-4.05778
20	9.82E-01	7.83E-01	1.15152	1.52819	0.286322	-0.9445	-1.9102	-2.94774	-3.95506
21	0.914361	0.579769	1.23244	1.47029	0.404579	-0.54047	-1.77574	-3.13632	-3.70883
22	0.674598	0.41414	1.18223	1.32386	0.487025	-0.340845	-1.79153	-3.14975	-3.50382
23	0.320131	0.280752	0.974302	1.12046	0.499934	-0.387525	-1.89658	-3.02104	-3.51416
24	-0.0701652	0.14694	0.627093	0.91159	0.395727	-0.677168	-2.0247	-2.90961	-3.81498
25	-0.412368	-0.0323433	0.200653	0.725452	0.168834	-1.15765	-2.14014	-2.96116	-4.37267
26	-0.659884	-0.285185	-0.205729	0.580184	-0.167963	-1.72587	-2.25588	-3.24942	-5.04033
27	-0.821103	-0.605891	-0.477701	0.463625	-0.560851	-2.23874	-2.4203	-3.75429	-5.60608
28	-0.940512	-0.944189	-0.533417	0.388511	-0.903959	-2.56033	-2.67372	-4.37909	-5.90875
29	-1.06001	-1.20121	-0.362101	0.368623	-1.07587	-2.62604	-3.00996	-4.94339	-5.95851
30	-1.1961	-1.27139	-0.0255489	0.425967	-0.99587	-2.47521	-3.35161	-5.2375	-5.87442
31	-1.33249	-1.10252	0.385182	0.570948	-0.68026	-2.19866	-3.57299	-5.14205	-5.76017
32	-1.43746	-0.74316	0.787599	0.791502	-0.24	-1.88515	-3.57447	-4.74381	-5.65627
33	-1.47377	-0.312152	1.12461	1.04299	0.19331	-1.59845	-3.36503	-4.25099	-5.5632
34	-1.42186	0.0686272	1.36421	1.27618	0.507383	-1.37962	-3.05372</		

45	-3.8819	-1.21267	-0.205634	-0.810592	-2.38236	-4.66965	-6.08301	-7.10911	-7.51208
46	-4.08723	-1.3203	-0.242668	-0.793046	-2.3028	-4.45815	-6.14585	-6.96173	-7.39628
47	-4.22374	-1.4704	-0.251288	-0.751866	-2.15308	-4.11465	-6.07382	-6.63088	-7.09485
48	-4.34625	-1.66109	-0.272394	-0.722682	-1.98834	-3.73956	-5.87716	-6.22502	-6.70497
49	-4.52095	-1.88927	-0.350853	-0.738112	-1.86085	-3.42148	-5.58823	-5.86742	-6.33958
50	-4.79955	-2.16657	-0.531413	-0.827969	-1.82378	-3.23326	-5.26807	-5.65941	-6.09171
51	-5.21747	-2.5098	-0.852698	-1.01848	-1.91835	-3.21576	-4.98357	-5.65904	-6.01
52	-5.78129	-2.94642	-1.33789	-1.33218	-2.17494	-3.3818	-4.79294	-5.87408	-6.10601
53	-6.47562	-3.50596	-1.99641	-1.77885	-2.59927	-3.71819	-4.73637	-6.25846	-6.36187
54	-7.27923	-4.2135	-2.81707	-2.36557	-3.17913	-4.1909	-4.83891	-6.73324	-6.75741
55	-8.17055	-5.07824	-3.76469	-3.08856	-3.8803	-4.76477	-5.11438	-7.20408	-7.29132
56	-9.13302	-6.07872	-4.78567	-3.93256	-4.64891	-5.40618	-5.56053	-7.60596	-7.97928
57	-10.1359	-7.15188	-5.80803	-4.86276	-5.41692	-6.08257	-6.1559	-7.90296	-8.82605
58	-11.1157	-8.18242	-6.74907	-5.81277	-6.10826	-6.74177	-6.85328	-8.09052	-9.80027
59	-11.965	-9.03574	-7.53215	-6.68961	-6.65335	-7.30831	-7.58289	-8.18755	-10.7737
60	-12.5732	-9.62964	-8.10191	-7.38886	-7.00506	-7.70939	-8.2638	-8.24201	-11.515
61	-12.8469	-9.97247	-8.4329	-7.83327	-7.16195	-7.90326	-8.8269	-8.31351	-11.7881
62	-12.7543	-10.1247	-8.54447	-7.99652	-7.17584	-7.89789	-9.22123	-8.44792	-11.5413
63	-12.3386	-10.1521	-8.48278	-7.90352	-7.11762	-7.72501	-9.42052	-8.65312	-10.9455
64	-11.7333	-10.0873	-8.31837	-7.63399	-7.0525	-7.43546	-9.43784	-8.90199	-10.2543
65	-11.1365	-9.97386	-8.13443	-7.29259	-7.02756	-7.11181	-9.34008	-9.18519	-9.67737
66	-10.7092	-9.86431	-8.01196	-6.99564	-7.07834	-6.85322	-9.23605	-9.53314	-9.34434
67	-10.5532	-9.79317	-8.02216	-6.83186	-7.22203	-6.76224	-9.22453	-10.0238	-9.32078
68	-10.6976	-9.77883	-8.20662	-6.85507	-7.47393	-6.90159	-9.35688	-10.7201	-9.62456
69	-11.1247	-9.80497	-8.57149	-7.06143	-7.82612	-7.28193	-9.63751	-11.6292	-10.2262
70	-11.7973	-9.85269	-9.0923	-7.41011	-8.236	-7.85352	-10.0106	-12.6365	-11.0501
71	-12.6723	-9.91637	-9.69689	-7.82191	-8.62713	-8.51488	-10.3769	-13.5382	-11.991
72	-13.7356	-9.99747	-10.2785	-8.21762	-8.90293	-9.14713	-10.6347	-14.1606	-12.9449
73	-14.9886	-10.11	-10.6954	-8.54848	-8.97551	-9.66506	-10.7153	-14.5108	-13.8245
74	-16.3171	-10.2587	-10.8067	-8.81361	-8.81013	-10.0309	-10.5948	-14.6855	-14.5756
75	-17.2466	-10.4406	-10.5312	-9.01861	-8.42714	-10.2314	-10.301	-14.7406	-15.1172
76	-17.0344	-10.656	-9.92456	-9.1545	-7.89156	-10.2153	-9.88577	-14.6154	-15.3679
77	-15.6806	-10.9155	-9.16768	-9.17901	-7.30038	-9.94516	-9.42072	-14.2614	-15.302
78	-13.974	-11.2391	-8.44482	-9.05882	-6.7572	-9.46411	-8.97124	-13.7168	-15.0115
79	-12.4462	-11.6424	-7.88418	-8.8142	-6.3419	-8.89219	-8.59025	-13.0882	-14.6304
80	-11.2746	-12.1142	-7.54581	-8.52098	-6.1016	-8.36616	-8.31983	-12.484	-14.2689
81	-10.4848	-12.614	-7.44327	-8.26634	-6.06031	-7.988	-8.18209	-11.9934	-13.994
82	-10.0629	-13.0824	-7.55362	-8.12405	-6.21222	-7.80803	-8.19126	-11.6852	-13.8445
83	-9.98148	-13.4864	-7.84494	-8.12248	-6.53361	-7.8556	-8.34966	-11.6064	-13.8431
84	-10.2034	-13.818	-8.28297	-8.26102	-6.98488	-8.12219	-8.64241	-11.7814	-13.9863
85	-10.6714	-14.0771	-8.84378	-8.5047	-7.52757	-8.57868	-9.04394	-12.1699	-14.2646
86	-11.3086	-14.2585	-9.51517	-8.79399	-8.10666	-9.15408	-9.5114	-12.6826	-14.6338
87	-12.0376	-14.3167	-10.274	-9.06694	-8.68412	-9.72608	-9.9882	-13.1841	-15.0508
88	-12.7824	-14.207	-11.0731	-9.26867	-9.20805	-10.1573	-10.4157	-13.5548	-15.4697
89	-13.491	-13.9246	-11.8352	-9.36687	-9.64734	-10.3429	-10.7387	-13.7343	-15.8555
90	-14.1246	-13.5351	-12.4367	-9.34344	-9.96964	-10.2523	-10.9183	-13.7386	-16.1444
91	-14.6457	-13.117	-12.7833	-9.20827	-10.161	-9.95332	-10.9432	-13.6183	-16.2691
92	-15.0299	-12.7379	-12.831	-8.98894	-10.2227	-9.55692	-10.8444	-13.425	-16.1871
93	-15.3039	-12.4211	-12.6386	-8.7351	-10.1769	-9.17569	-10.6764	-13.2041	-15.921
94	-15.5235	-12.1535	-12.332	-8.50446	-10.0569	-8.90813	-10.4938	-13.007	-15.5745
95	-15.731	-11.9218	-12.0682	-8.35306	-9.9111	-8.8128	-10.3425	-12.8505	-15.2327
96	-15.9507	-11.7221	-11.9656	-8.30898	-9.79648	-8.91939	-10.2426	-12.7376	-14.956
97	-16.206	-11.5838	-12.0982	-8.38351	-9.76192	-9.2084	-10.2088	-12.6786	-14.7453
98	-16.5534	-11.5635	-12.4856	-8.56804	-9.86095	-9.63754	-10.2546	-12.696	-14.5847
99	-17.0932	-11.7062	-13.1106	-8.85402	-10.1226	-10.1506	-10.4039	-12.8691	-14.4835
100	-17.922	-12.0409	-13.8987	-9.2301	-10.5656	-10.7119	-10.6882	-13.2717	-14.454
101	-19.0909	-12.5654	-14.7335	-9.69914	-11.1725	-11.3219	-11.1219	-13.9697	-14.5289
102	-20.5391	-13.2286	-15.4994	-10.2461	-11.8743	-12.0158	-11.6852	-14.9844	-14.7379
103	-21.9993	-13.9411	-16.1244	-10.8367	-12.5444	-12.8145	-12.2963	-16.2428	-15.0639
104	-23.0137	-14.5589	-16.6002	-11.408	-13.0111	-13.6915	-12.8191	-17.5146	-15.4383
105	-23.2741	-14.9517	-16.9555	-11.8895	-13.1525	-14.5698	-13.0959	-18.4139	-15.7425
106	-22.9284	-15.055	-17.2233	-12.2343	-12.9817	-15.2958	-13.0411	-18.6326	-15.8557
107	-22.3186	-14.9037	-17.4023	-12.4392	-12.6069	-15.7116	-12.7313	-18.2627	-15.7289
108	-21.713	-14.6237	-17.4413	-12.5454	-12.1641	-15.7264	-12.3266	-17.6304	-15.4397
109	-21.282	-14.3493	-17.2702	-12.6013	-11.767	-15.4182	-11.9804	-16.9813	-15.1255
110	-21.1015	-14.2021	-16.8712	-12.6512	-11.4779	-14.9635	-11.7897	-16.4097	-14.9305
111	-21.1036	-14.2481	-16.3519	-12.7378	-11.3245	-14.5486	-11.7888	-15.9252	-14.9442
112	-21.0595	-14.5195	-15.8697	-12.8999	-11.3011	-14.276	-11.9691	-15.5256	-15.1986
113	-20.7263	-15.0174	-15.5742	-13.1757	-11.3622	-14.1665	-12.275	-15.1654	-15.6351
114	-20.1146	-15.7008	-15.5335	-13.58	-11.4687	-14.1703	-12.6304	-14.8229	-16.1004
115	-19.4861	-16.5168	-15.7396	-14.0834	-11.6048	-14.1874	-12.9701	-14.4907	-16.3831
116	-19.0888	-17.3786	-16.1127	-14.639	-11.8098	-14.152	-13.2984	-14.2084	-16.3718
117	-19.0116	-18.1849	-16.5145	-15.1759	-12.1653	-14.0799	-13.6611	-14.0416	-16.158
118	-19.1763	-18.7868	-16.8452	-15.6279	-12.7553	-14.0557	-14.1354	-14.0602	-15.9495
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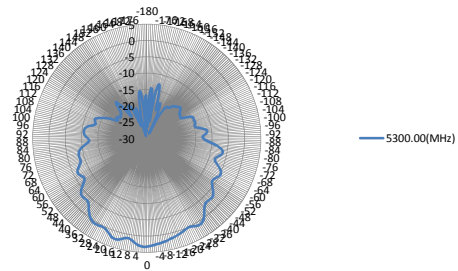
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Max Gain	2.434	4.280	4.550	4.249	3.861	3.337	2.139	-0.487	-1.322
30Dragee Max Gal	-0.592	0.391	1.523	1.514	0.647	-0.341	-0.273	-1.785	-3.245

Theta	5200.00(MHz)	5300.00(MHz)	5400.00(MHz)	5500.00(MHz)	5600.00(MHz)	5700.00(MHz)	5800.00(MHz)	5900.00(MHz)
-180	-15.8495	-18.7282	-16.0622	-11.418	-11.4378	-12.0616	-10.6906	-8.36951
-179	-15.9675	-23.4743	-16.8485	-12.3114	-12.2951	-13.5272	-12.0266	-8.63963
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-176	-12.9239	-16.0995	-14.5645	-10.4816	-14.071	-15.0125	-11.8164	-10.4435
-175	-12.6233	-14.5808	-14.0037	-10.0569	-13.7955	-14.7911	-11.4347	-11.066
-174	-13.1953	-14.7151	-14.2517	-10.3999	-14.2046	-15.4936	-11.7801	-12.1233
-173	-14.8009	-16.5652	-15.3002	-11.548	-15.7227	-17.36	-12.8968	-13.8699
-172	-17.6883	-20.7448	-16.863	-13.3776	-18.3103	-20.2515	-14.5646	-16.0239
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-168	-18.6425	-13.556	-15.1574	-14.0322	-13.2612	-18.0343	-14.538	-11.7047
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-163	-18.5493	-20.4162	-19.0939	-15.4195	-18.9365	-27.4269	-17.5326	-16.9991
-162	-16.5877	-20.9566	-20.0875	-15.3515	-19.2362	-25.4573	-18.178	-18.7665
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-158	-16.5909	-19.3276	-16.9514	-13.7298	-18.7871	-19.2332	-16.2974	-18.4793
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-82	-10.6553	-7.00711	-6.24206	-6.81381	-6.5902	-9.05651	-9.49341	-11.2653
-81	-10.4501	-6.55648	-6.02615	-6.2282	-6.35424	-8.72824	-9.05053	-10.9555
-80	-10.279	-6.31719	-5.99325	-5.8012	-6.31706	-8.59679	-8.77547	-10.8899
-79	-10.1358	-6.30185	-6.12418	-5.56871	-6.47699	-8.6322	-8.68747	-11.0799
-78	-10.0067	-6.49121	-6.35426	-5.53274	-6.80138	-8.78004	-8.78635	-11.5142
-77	-9.86439	-6.83917	-6.59642	-5.65999	-7.23832	-8.97506	-9.05365	-12.1287
-76	-9.70466	-7.28061	-6.75417	-5.88947	-7.70118	-9.1374	-9.45188	-12.8083
-75	-9.5411	-7.71856	-6.75322	-6.13827	-8.07663	-9.19957	-9.9291	-13.3591
-74	-9.38973	-8.05486	-6.5697	-6.31874	-8.24773	-9.13603	-10.4233	-13.5443
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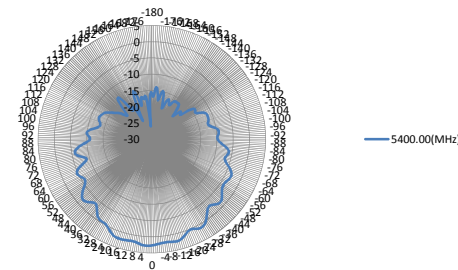
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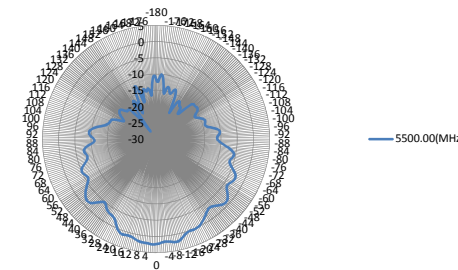
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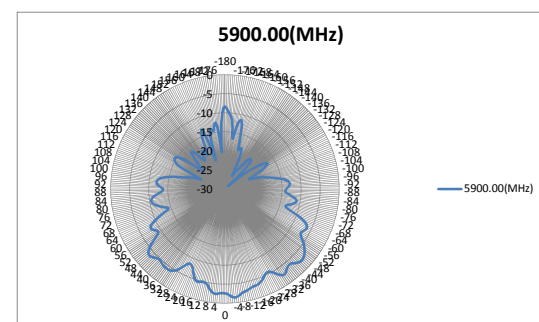
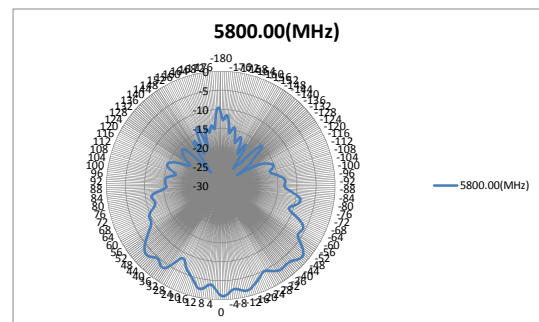
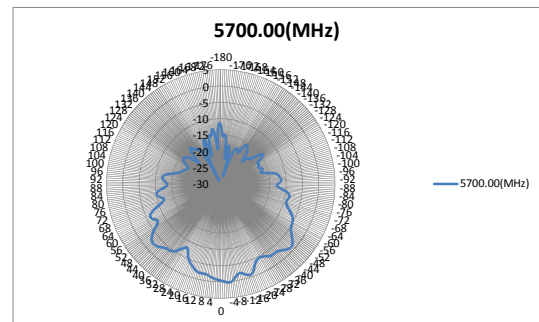
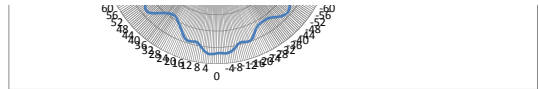
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5500.00(MHz)



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-71	-9.01674	-7.69982	-5.24655	-5.85928	-7.08785	-8.38312	-11.0754	-11.0626
-70	-8.85646	-7.15505	-4.70463	-5.3594	-6.32954	-7.97594	-10.6307	-9.76095
-69	-8.64833	-6.54673	-4.1953	-4.78003	-5.55684	-7.48812	-9.85697	-8.57373
-68	-8.39049	-5.96451	-3.76078	-4.20196	-4.84887	-6.96216	-8.92888	-7.60239
-67	-8.09472	-5.46947	-3.43187	-3.68844	-4.2603	-6.45467	-7.9989	-6.89137
-66	-7.77319	-5.09637	-3.22507	-3.27951	-3.82799	-6.02141	-7.17119	-6.44029
-65	-7.44616	-4.8633	-3.14025	-2.99123	-3.57112	-5.68554	-6.49595	-6.23237
-64	-7.1436	-4.77718	-3.1611	-2.82963	-3.49073	-5.43771	-6.00096	-6.23064
-63	-6.89889	-4.83668	-3.26441	-2.79587	-3.57037	-5.26238	-5.70083	-6.39251
-62	-6.73999	-5.02642	-3.41722	-2.88295	-3.76693	-5.13563	-5.59693	-6.64762
-61	-6.68268	-5.30959	-3.58698	-3.07015	-4.01312	-5.03724	-5.66432	-6.89296
-60	-6.71152	-5.62009	-3.74143	-3.32024	-4.21923	-4.94408	-5.837	-6.99055
-59	-6.79686	-5.88249	-3.85379	-3.57212	-4.29805	-4.82751	-6.01351	-6.83217
-58	-6.88376	-6.02793	-3.90939	-3.76099	-4.20042	-4.65468	-6.06524	-6.41951
-57	-6.90958	-6.02227	-3.89945	-3.8223	-3.92747	-4.4005	-5.89224	-5.85521
-56	-6.81675	-5.86211	-3.81497	-3.71801	-3.5189	-4.05426	-5.46187	-5.26322
-55	-6.56045	-5.567	-3.64818	-3.44428	-3.02706	-3.62511	-4.82616	-4.71873
-54	-6.13967	-5.16551	-3.38884	-3.0322	-2.51004	-3.1329	-4.07787	-4.24517
-53	-5.59314	-4.6991	-3.04638	-2.5402	-2.01818	-2.61166	-3.32039	-3.83029
-52	-5.00061	-4.21604	-2.64695	-2.0403	-1.59418	-2.10582	-2.64559	-3.46311
-51	-4.44037	-3.76901	-2.2385	-1.59593	-1.26702	-1.66089	-2.11698	-3.1382
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-49	-3.63768	-3.13885	-1.58813	-1.03427	-0.941738	-1.10537	-1.61225	-2.6367
-48	-3.43433	-2.99126	-1.42121	-0.944893	-0.927445	-1.03619	-1.62968	-2.48918
-47	-3.34451	-2.95211	-1.39037	-0.976064	-0.993226	-1.10881	-1.7886	-2.43806
-46	-3.32167	-2.99812	-1.49692	-1.11428	-1.12756	-1.30452	-2.03997	-2.50406
-45	-3.30194	-3.09142	-1.72965	-1.34224	-1.32489	-1.59408	-2.33144	-2.69919
-44	-3.2132	-3.1801	-2.04926	-1.6385	-1.57783	-1.93679	-2.61396	-3.00273
-43	-2.9951	-3.20231	-2.39818	-1.97625	-1.8792	-2.28538	-2.84296	-3.36141
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-41	-2.13371	-2.8603	-2.86104	-2.64885	-2.55612	-2.8445	-3.06343	-3.89444
-40	-1.5724	-2.46812	-2.85043	-2.91854	-2.88516	-3.01127	-3.05998	-3.92472
-39	-1.00665	-1.95748	-2.6504	-3.10383	-3.18107	-3.09916	-3.01293	-3.77727
-38	-0.487134	-1.3703	-2.28579	-3.17606	-3.42504	-3.12283	-2.94922	-3.49652
-37	-0.0443765	-0.755996	-1.79721	-3.12069	-3.6042	-3.1124	-2.89748	-3.16164
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-34	0.719984	0.733956	-0.122307	-2.36026	-3.78371	-3.32029	-3.03529	-2.74987
-33	0.799243	0.991048	0.344921	-2.02183	-3.77158	-3.55519	-3.22784	-3.02021
-32	0.81759	1.10821	0.717017	-1.68031	-3.74438	-3.84405	-3.48901	-3.49166
-31	0.795962	1.09691	0.980347	-1.34052	-3.70098	-4.12972	-3.79711	-3.08159
-30	0.750372	0.979931	1.12803	-1.00972	-3.63537	-4.35726	-4.11882	-4.66432
-29	0.687767	0.791146	1.15831	-0.699103	-3.532	-4.50214	-4.41859	-5.12213
-28	0.603136	0.572484	1.07073	-0.423737	-3.36745	-4.56241	-4.64855	-5.39582
-27	0.489433	0.370876	0.890358	-0.194223	-3.10793	-4.53852	-4.75509	-5.47587
-26	0.342965	0.234773	0.650066	-0.0166887	-2.72779	-4.41074	-4.69872	-5.38066
-25	0.175776	0.195471	0.4096	0.10912	-2.23468	-4.14441	-4.48489	-5.13915
-24	0.0089437	0.257875	0.239736	0.183654	-1.67842	-3.71759	-4.16917	-4.80661
-23	-0.12986	0.392718	0.198204	0.213104	-1.13734	-3.1433	-3.82351	-4.44883
-22	-0.212791	0.55949	0.306759	0.209003	-0.683216	-2.48127	-3.49969	-4.12022
-21	-0.21247	0.724632	0.547369	0.193848	-0.363313	-1.82125	-3.20552	-3.84703
-20	-0.102904	0.875891	0.874488	0.205883	-0.194064	-1.25894	-2.92084	-3.63229
-19	0.126799	1.01487	1.23913	0.285844	-0.166044	-0.867967	-2.62613	-3.47745
-18	0.462842	1.14996	1.59275	0.466405	-0.247361	-0.695128	-2.32065	-3.38136
-17	0.861098	1.28166	1.89357	0.753299	-0.390168	-0.748598	-2.03275	-3.32699
-16	1.26065	1.40589	2.12493	1.1144	-0.53222	-0.994371	-1.79666	-3.27387
-15	1.6048	1.5188	2.26154	1.50147	-0.606017	-1.35917	-1.64583	-3.17056
-14	1.86714	1.62686	2.31129	1.85303	-0.547104	-1.73708	-1.59331	-3.00641
-13	2.03446	1.74255	2.28707	2.11884	-0.323266	-2.01491	-1.6409	-2.82139
-12	2.12611	1.87608	2.21282	2.27616	0.0446084	-2.10645	-1.77932	-2.66796
-11	2.15155	2.02261	2.12625	2.31825	0.49187	-1.96721	-1.98624	-2.55552
-10	2.14618	2.17068	2.04928	2.25326	0.941164	-1.61306	-2.22789	-2.43108
-9	2.13278	2.29525	1.99761	2.11305	1.3289	-1.11488	-2.45237	-2.21928
-8	2.12683	2.39548	1.98258	1.95135	1.62364	-0.582612	-2.58817	-1.91504
-7	2.154	2.47853	2.00604	1.80675	1.81437	-0.129712	-2.5671	-1.59921
-6	2.21509	2.5589	2.06026	1.7314	1.90939	0.16431	-2.35502	-1.39335
-5	2.31205	2.66141	2.13611	1.74076	1.92635	0.273604	-1.98694	-1.37596
-4	2.41853	2.78525	2.22292	1.83116	1.88866	0.219944	-1.55578	-1.55396
-3	2.52108	2.91988	2.3258	1.9833	1.82456	0.0648285	-1.17839	-1.85889
-2	2.59318	3.05773	2.43952	2.15924	1.76853	-0.119535	-0.951019	-2.18696
-1	2.63397	3.17712	2.5515	2.32215	1.75565	-0.282242	-0.936008	-2.44963
0	2.62812	3.26555	2.6609	2.43035	1.80371	-0.411374	-1.15383	-2.61263
1	2.58279	3.30884	2.75068	2.47844	1.90679	-0.526448	-1.58126	-2.68296
2	2.49857	3.29358	2.80054	2.45532	2.02099	-0.64863	-2.15751	-2.66618
3	2.3925	3.20588	2.80337	2.39218	2.09874	-0.788884	-2.78378	-2.56917
4	2.27395	3.03304	2.75816	2.30265	2.08114	-0.951659	-3.3415	-2.43153
5	2.15908	2.77945	2.65533	2.22165	1.93982	-1.14328	-3.72028	-2.33949
6	2.06597	2.45736	2.51174	2.15586	1.65384	-1.36754	-3.84386	-2.38752
7	1.98718	2.09766	2.33917	2.11125	1.25107	-1.60883	-3.69537	-2.63184
8	1.90673	1.72818	2.16234	2.06971	0.751658	-1.82609	-3.33669	-3.06525
9	1.81273	1.41157	2.00902	1.99559	0.208376	-1.9742	-2.88951	-3.61495
10	1.68498	1.20485	1.92306	1.87035	-0.299764	-2.0327	-2.51011	-4.1661
11	1.54772	1.15325	1.89097	1.68822	-0.704957	-2.02708	-2.30635	-4.61228
12	1.40352	1.26185	1.91778	1.47082	-0.953176	-2.00758	-2.33227	-4.89236
13	1.29642	1.50124	1.97062	1.25445	-1.02959	-2.02047	-2.58325	-4.99095
14	1.23456	1.79064	2.02522	1.07899	-0.970536	-2.08776	-3.00842	-4.9275
15	1.22081	2.07019	2.07535	0.975445	-0.844632	-2.21919	-3.52557	-4.76875
16	1.25245	2.2838	2.12064	0.953763	-0.726418	-2.41881	-4.04409	-4.62921
17	1.31721	2.39697	2.15073	0.996939	-0.678287	-2.68814	-4.50663	-4.63367
18	1.3758	2.40035	2.16986	1.07141	-0.744154	-3.01544	-4.89724	-4.87357
19	1.39953	2.27465	2.16329	1.13148	-0.943816	-3.36688	-5.23092	-5.36313
20	1.33976	2.04064	2.10954	1.12244	-1.28044	-3.70874	-5.53843	-6.04091
21	1.16603	1.7184	1.99327	0.996602	-1.73248	-4.03949	-5.86515	-6.77613
22	0.880073	1.341	1.80453	0.716455	-2.25783	-4.40946	-6.25374	-7.43166
23	0.507546	0.973758	1.54251	0.274025	-2.79939	-4.89443	-6.73592	-7.92489
24	0.106771	0.673553	1.2186	-0.304422	-3.30448	-5.54514	-7.29233	-8.24627
25	-0.229761	0.476906	0.856937	-0.951568	-3.74728	-6.33347	-7.84017	-8.36206
26	-0.4184	0.397259	0.491823	-1.57307	-4.13416	-7.1262	-8.26308	-8.19912
27	-0.418718	0.407532	0.161764	-2.08416	-4.50377	-7.71333	-8.45792	-7.72941
28	-0.244256	0.468751	-0.0961846	-2.4472	-4.87877	-7.93606	-8.36423	-7.05265
29	-0.0503173	0.547152	-0.260453	-2.67776	-5.25849	-7.79888	-7.95092	-6.32455
30	0.393612	0.612955	-0.337238	-2.81355	-5.60172	-7.41211	-7.22835	-5.66078
31	0.716144	0.644056	-0.362273	-2.89872	-5.85749	-6.88855	-6.28875	-5.11362
32	0.955769	0.61831	-0.389755	-2.97918	-5.99508	-6.30372	-5.31269	-4.69584
33	1.06534	0.516783	-0.479187	-3.10229	-6.01838	-5.72802	-4.47445	-4.39843
34	1.01662	0.328952	-0.675279	-3.31135	-5.96282	-5.21991	-3.88599	-4.20739
35	0.803046	0.0518169	-0.999607	-3.62338	-5.85135	-4.82087	-3.58475	-4.10796
36	0.435595	-0.310579	-1.44703	-4.01507	-5.6988	-4.53984	-3.55944	-4.07336



37	-0.0531875	-0.747314	-1.98353	-4.41521	-5.50196	-4.36694	-3.7482	-4.08678
38	-0.623298	-1.2482	-2.55067	-4.72823	-5.253	-4.27233	-4.05829	-4.13977
39	-1.22162	-1.7915	-3.06759	-4.85817	-4.95263	-4.21622	-4.37682	-4.23479
40	-1.79344	-2.34557	-3.45019	-4.74501	-4.60156	-4.1454	-4.59381	-4.3716
41	-2.28912	-2.8587	-3.63661	-4.38938	-4.20532	-4.01283	-4.64163	-4.53014
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43	-2.9357	-3.53204	-3.37427	-3.22528	-3.31355	-3.50516	-4.24269	-4.70321
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47	-3.50061	-3.40814	-1.97316	-1.54651	-1.70882	-2.49548	-3.32873	-3.78486
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53	-6.1938	-5.21675	-3.3715	-2.82795	-3.00566	-3.66031	-5.22779	-5.8135
54	-6.76041	-5.87235	-3.97614	-3.2886	-3.74275	-4.28333	-5.77471	-6.83738
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56	-7.76812	-6.96764	-5.10253	-4.3077	-5.18196	-5.7735	-6.86568	-8.67117
57	-8.18066	-7.24348	-5.52954	-4.82806	-5.6845	-6.54161	-7.39922	-9.13841
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64	-7.66824	-6.37997	-4.79808	-5.29464	-5.32074	-6.28249	-9.46778	-8.57448
65	-7.46564	-6.59907	-4.69846	-5.09202	-5.56628	-6.19161	-9.46651	-9.25783
66	-7.42721	-6.93024	-4.77909	-5.00247	-5.97825	-6.32697	-9.49514	-10.1253
67	-7.60166	-7.33545	-5.07202	-5.07074	-6.52444	-6.70446	-9.61157	-11.1334
68	-8.00577	-7.75877	-5.58705	-5.31641	-7.15759	-7.31992	-9.8477	-12.2173
69	-8.62734	-8.13555	-6.30261	-5.72273	-7.8152	-8.12975	-10.2141	-13.255
70	-9.41491	-8.41265	-7.15041	-6.24053	-8.426	-9.05228	-10.6694	-14.03
71	-10.2952	-8.56633	-8.00575	-6.79248	-8.91787	-9.98485	-11.142	-14.3184
72	-11.1782	-8.61469	-8.70006	-7.29962	-9.22449	-10.8262	-11.5558	-14.1031
73	-11.9633	-8.59598	-9.05314	-7.71155	-9.31338	-11.4995	-11.8695	-13.5834
74	-12.5057	-8.5566	-8.97194	-7.99894	-9.19052	-11.9325	-12.0931	-12.9641
75	-12.6283	-8.52896	-8.49629	-8.15858	-8.90044	-12.0486	-12.2275	-12.3467
76	-12.235	-8.53749	-7.79485	-8.17869	-8.50852	-11.8414	-12.2563	-11.7778
77	-11.4723	-8.59328	-7.06662	-8.06411	-8.09179	-11.406	-12.1577	-11.2862
78	-10.613	-8.71016	-6.46328	-7.85903	-7.73087	-10.8991	-11.9469	-10.8894
79	-9.86963	-8.89961	-6.07299	-7.64583	-7.4981	-10.4549	-11.7093	-10.61
80	-9.34011	-9.16948	-5.92818	-7.51571	-7.45179	-10.1655	-11.5583	-10.4524
81	-9.03884	-9.5239	-6.02472	-7.54263	-7.62652	-10.0739	-11.5834	-10.4317
82	-8.94526	-9.95485	-6.33385	-7.76385	-8.02688	-10.2061	-11.8448	-10.5606
83	-9.02772	-10.4546	-6.81599	-8.18066	-8.62322	-10.5562	-12.355	-10.8573
84	-9.26697	-10.996	-7.42859	-8.76699	-9.35064	-11.0952	-13.0773	-11.3206
85	-9.65226	-11.5275	-8.13128	-9.44779	-10.1144	-11.76	-13.924	-11.9135
86	-10.1673	-11.9823	-8.88171	-10.1231	-10.8109	-12.4398	-14.7433	-12.564
87	-10.7848	-12.2767	-9.62377	-10.672	-11.3508	-13.0268	-15.3638	-13.1601
88	-11.4449	-12.3511	-10.2812	-10.9946	-11.709	-13.4302	-15.6919	-13.5977
89	-12.0546	-12.2085	-10.7668	-11.0601	-11.9012	-13.616	-15.751	-13.7955
90	-12.5158	-11.9051	-11.0137	-10.8932	-11.9779	-13.5888	-15.6639	-13.7198
91	-12.767	-11.5441	-11.0004	-10.5591	-11.9972	-13.3841	-15.5431	-13.4114
92	-12.8059	-11.2042	-10.7835	-10.1508	-12.0026	-13.0569	-15.4446	-12.9721
93	-12.7004	-10.94	-10.4598	-9.7581	-12.0076	-12.6906	-15.3891	-12.5349
94	-12.5549	-10.7661	-10.1436	-9.45301	-11.9897	-12.3561	-15.3605	-12.2016
95	-12.482	-10.6722	-9.93834	-9.2854	-11.9319	-12.1084	-15.3535	-12.0213
96	-12.5652	-10.6267	-9.9076	-9.27579	-11.8389	-11.9918	-15.3667	-11.9925
97	-12.8232	-10.6202	-10.0818	-9.42029	-11.7669	-12.0318	-15.4298	-12.1001
98	-13.247	-10.6634	-10.4508	-9.70202	-11.801	-12.2547	-15.5871	-12.3295
99	-13.7871	-10.7912	-10.9691	-10.1016	-12.019	-12.6673	-15.877	-12.6962
100	-14.3743	-11.0509	-11.5697	-10.6063	-12.4586	-13.2658	-16.3233	-13.227
101	-14.9789	-11.4706	-12.1771	-11.1985	-13.1032	-13.9997	-16.8854	-13.9548
102	-15.5997	-12.0363	-12.7172	-11.8575	-13.8494	-14.7964	-17.4478	-14.8674
103	-16.2525	-12.6783	-13.138	-12.533	-14.53	-15.5638	-17.8373	-15.9355
104	-16.9259	-13.262	-13.4046	-13.1692	-14.9307	-16.212	-17.8838	-17.0791
105	-17.5634	-13.6467	-13.5184	-13.6991	-14.9508	-16.699	-17.5616	-18.1777
106	-18.0831	-13.7444	-13.4871	-14.1011	-14.6682	-17.0425	-16.9958	-19.1054
107	-18.4073	-13.5919	-13.35	-14.3928	-14.2679	-17.2875	-16.3645	-19.7713
108	-18.4704	-13.3288	-13.1474	-14.6012	-13.9043	-17.5035	-15.7968	-20.2461
109	-18.2369	-13.1078	-12.9169	-14.7465	-13.6615	-17.7302	-15.3592	-20.7561
110	-17.7643	-13.0363	-12.7018	-14.8386	-13.5468	-17.9783	-15.0684	-21.5374
111	-17.2119	-13.1717	-12.5341	-14.8928	-13.5217	-18.2006	-14.9273	-22.596
112	-16.7731	-13.5226	-12.4456	-14.9548	-13.5221	-18.3797	-14.9228	-23.29
113	-16.5851	-14.0358	-12.4511	-15.0982	-13.4999	-18.5248	-15.0354	-22.5026
114	-16.6951	-14.63	-12.5311	-15.4114	-13.4671	-18.675	-15.2638	-20.5455
115	-17.0494	-15.2252	-12.6628	-15.9409	-13.4837	-18.8347	-15.6092	-18.5738
116	-17.493	-15.8018	-12.8102	-16.6933	-13.6224	-18.9141	-16.0894	-17.0737
117	-17.813	-16.4332	-12.9546	-17.5828	-13.9237	-18.7961	-16.7103	-16.0502
118	-17.8571	-17.1998	-13.1133	-18.3713	-14.3693	-18.4175	-17.4515	-15.4102
119	-17.6518	-18.1122	-13.3278	-18.7486	-14.8854	-17.8586	-18.2566	-15.0201
120	-17.3426	-19.0012	-13.6267	-18.5911	-15.3565	-17.2712	-19.0559	-14.7658
121	-17.0658	-19.5406	-14.0236	-18.0787	-15.7246	-16.7725	-19.7553	-14.599
122	-16.8972	-19.5339	-14.4887	-17.4887	-16.0118	-16.4241	-20.251	-14.5446
123	-16.8552	-19.1924	-14.971	-16.9809	-16.3215	-16.2341	-20.4312	-14.688
124	-16.9154	-18.866	-15.4171	-16.5923	-16.7644	-16.1783	-20.2257	-15.1403
125	-17.0194	-18.7787	-15.8074	-16.2939	-17.3418	-16.2201	-19.6853	-16.0074
126	-17.0896	-18.966	-16.1566	-16.0553	-17.9246	-16.32	-18.9772	-17.3854
127	-17.0727	-19.3234	-16.5001	-15.8646	-18.2404	-16.4753	-18.2746	-19.2829
128	-17.0306	-19.6456	-16.8702	-15.7562	-18.1044	-16.7081	-17.6856	-21.3881
129	-17.09	-19.7299	-17.2915	-15.7782	-17.6565	-17.0824	-17.2357	-22.6886
130	-17.3752	-19.5442	-17.7845	-15.9836	-17.2449	-17.6827	-16.9065	-22.442
131	-17.9419	-19.256	-18.3524	-16.3741	-17.147	-18.5482	-16.6417	-21.5452
132	-18.7483	-19.0712	-18.9495	-16.8961	-17.4844	-19.621	-16.425	-20.8235
133	-19.6235	-19.0702	-19.4275	-17.3862	-18.1818	-20.5847	-16.2975	-20.3054
134	-20.3349	-19.1269	-19.5163	-17.6641	-18.8413	-20.802	-16.3506	-19.6883
135	-20.7852	-18.9159	-18.9749	-17.6698	-18.7917	-19.9517	-16.7148	-18.8143
136	-21.0837	-18.1858	-17.8582	-17.5742	-17.8639	-18.5549	-17.5161	-17.8705
137	-21.3776	-17.1188	-16.49	-17.6087	-16.6712	-17.233	-18.8502	-17.1598
138	-21.6885	-16.125	-15.1963	-17.9603	-15.7716	-16.2665	-20.7141	-16.8643
139	-21.9447	-15.5277	-14.195	-18.7273	-15.3989	-15.7282	-22.8003	-17.048
140	-22.1371	-15.5004	-13.6096	-19.9663	-15.6028	-15.5985	-24.3184	-17.6673
141	-22.413	-16.1292	-13.5187	-21.7471	-16.3706	-15.8151	-24.8735	-18.6122
142	-22.9872	-17.4764	-13.9808	-24.1705	-17.5774	-16.2616	-25.2259	-19.6465
143	-23.9973	-19.4501	-15.0235	-26.9027	-18.8719	-16.7542	-25.7399	-20.4894
144	-25.3256	-21.3996	-16.5848	-27.1167	-19.6065	-17.0908	-25.1353	-20.8818
145	-26.2389	-21.8792	-18.3289	-23.8732	-19.4121	-17.1567	-22.5987	-20.7431

146	-25.6047	-20.8696	-19.4287	-20.6656	-18.7025	-17.0789	-19.8015	-20.1971
147	-23.7178	-19.7741	-19.3794	-18.3834	-18.0023	-17.1048	-17.7543	-19.4844
148	-21.7396	-19.15	-18.8344	-16.977	-17.5011	-17.4974	-16.6082	-18.831
149	-20.223	-18.9044	-18.5366	-16.3535	-17.1891	-18.4757	-16.3519	-18.4289
150	-19.3403	-18.7743	-18.755	-16.4982	-17.0674	-20.2341	-16.9698	-18.3862
151	-19.1671	-18.6444	-19.5441	-17.453	-17.2223	-22.9769	-18.4386	-18.7534
152	-19.7383	-18.6552	-20.9304	-19.2165	-17.8564	-26.683	-20.3241	-19.461
153	-20.8762	-19.1648	-22.7804	-21.0338	-19.2129	-28.8079	-20.7407	-20.0407
154	-21.6185	-20.5205	-23.7064	-20.3183	-21.3707	-25.8769	-18.6783	-19.4944
155	-20.5633	-23.0034	-21.6305	-17.4383	-23.068	-22.1392	-16.2464	-17.645
156	-18.4843	-25.8362	-18.5043	-14.886	-21.5516	-19.1554	-14.513	-15.558
157	-16.7726	-25.0692	-16.0791	-13.2508	-18.8348	-16.9916	-13.6139	-13.9965
158	-15.8838	-22.2291	-14.6226	-12.5452	-17.0278	-15.6845	-13.5654	-13.2334
159	-15.8638	-20.5106	-14.1082	-12.7604	-16.4225	-15.3157	-14.4192	-13.4057
160	-16.6633	-20.2629	-14.5303	-13.9297	-17.0586	-16.0184	-16.2427	-14.7281
161	-18.0503	-21.5466	-15.8757	-16.0182	-19.067	-17.9662	-18.6544	-17.6078
162	-19.2154	-24.6752	-17.874	-18.1594	-22.3206	-20.769	-19.3592	-22.1033
163	-19.0455	-29.2641	-19.2556	-17.9642	-23.6789	-20.9415	-17.3395	-21.5895
164	-17.9082	-28.0327	-18.633	-16.0614	-21.0995	-18.0201	-15.3465	-17.2691
165	-16.8949	-24.3251	-17.3275	-14.6491	-19.1168	-15.8061	-14.3798	-14.7707
166	-16.3577	-22.3445	-16.6465	-14.1855	-18.7502	-14.8499	-14.4161	-13.83
167	-16.1726	-21.2449	-16.7515	-14.4768	-19.7688	-14.8314	-15.138	-13.9619
168	-16.0307	-19.9169	-17.2407	-15.0016	-20.8038	-15.0867	-15.7976	-14.5231
169	-15.7728	-18.0698	-17.391	-15.0696	-19.1889	-14.7475	-15.5196	-14.477
170	-15.5681	-16.3696	-16.9298	-14.6187	-16.4532	-13.7897	-14.617	-13.5302
171	-15.7612	-15.4035	-16.5063	-14.3115	-14.6681	-13.0567	-14.035	-12.5971
172	-16.6789	-15.4765	-16.8534	-14.693	-14.2141	-13.1944	-14.2068	-12.4988
173	-18.5083	-16.9114	-18.5293	-15.7832	-15.2673	-14.589	-14.93	-13.6939
174	-20.7946	-20.4258	-22.1643	-16.5429	-18.278	-17.3938	-15.0903	-16.6623
175	-21.0142	-28.051	-26.03	-15.2869	-22.9202	-19.3785	-13.6573	-20.2929
176	-18.7193	-25.6415	-21.8831	-13.0367	-19.8245	-16.5282	-11.656	-16.928
177	-16.6627	-19.5928	-18	-11.3318	-15.0981	-13.4409	-10.1814	-12.5906
178	-15.6209	-17.1646	-16.0929	-10.5408	-12.5087	-11.7828	-9.53959	-10.0232
179	-15.4782	-16.9123	-15.5937	-10.6372	-11.4142	-11.3899	-9.74283	-8.73973
Max Gain	2.634	3.309	2.803	2.478	2.099	0.274	-0.936	-1.376
30Dragee Max Gai	1.065	1.108	1.158	-0.945	-0.927	-1.036	-1.612	-2.438

Theta	5100.00(MHz)	5200.00(MHz)	5300.00(MHz)	5400.00(MHz)	5500.00(MHz)	5600.00(MHz)	5700.00(MHz)	5800.00(MHz)	5900.00(MHz)
-180	-16.444	-19.0995	-12.1819	-10.9208	-17.6251	-13.4554	-8.74508	-10.5423	-10.5642
-179	-17.5343	-14.9789	-12.2274	-12.1575	-17.8136	-12.9433	-9.53793	-12.9842	-10.4169
-178	-17.9298	-12.4221	-12.5946	-13.6079	-15.3543	-12.4993	-10.499	-15.3994	-10.8245
-177	-17.6302	-11.0298	-13.3473	-14.8536	-13.0552	-12.5124	-11.4967	-15.969	-11.9845
-176	-17.3776	-10.5903	-14.6822	-15.7589	-11.7884	-13.3258	-12.6803	-15.3106	-14.2138
-175	-17.7072	-11.0323	-16.9262	-16.6556	-11.572	-15.2994	-14.3897	-15.2022	-18.2423
-174	-18.7206	-12.3695	-20.3205	-17.8042	-12.3864	-19.0221	-16.8433	-16.2128	-25.975
-173	-20.1283	-14.6879	-22.551	-18.7788	-14.3083	-24.8584	-19.3908	-18.3883	-24.2509
-172	-20.9922	-18.0798	-19.6729	-18.5155	-17.4878	-23.6084	-19.6912	-21.0949	-18.1205
-171	-20.5534	-21.891	-16.6265	-17.1609	-21.5628	-19.2806	-18.2066	-21.808	-15.3003
-170	-19.5124	-22.9207	-14.9934	-15.889	-22.8779	-17.3087	-17.269	-20.0438	-14.2178
-169	-18.7375	-21.3823	-14.6215	-15.2944	-20.958	-16.9856	-17.4458	-18.3012	-14.3793
-168	-18.4816	-20.2641	-15.4229	-15.5187	-19.8155	-17.8507	-18.6522	-17.3248	-15.6384
-167	-18.6958	-19.9986	-17.4413	-16.6029	-20.0542	-19.3478	-20.3202	-17.1535	-17.9146
-166	-19.1568	-20.4176	-20.5902	-18.5194	-21.527	-20.2948	-21.0926	-17.8928	-20.6644
-165	-19.5086	-21.4608	-22.703	-20.8186	-23.8579	-19.8457	-20.437	-19.8438	-21.857
-164	-19.3929	-23.2397	-20.8139	-21.6426	-25.4812	-18.954	-19.5778	-23.6803	-20.9257
-163	-18.802	-25.6759	-18.4441	-20.0072	-24.4646	-18.5722	-19.1788	-29.2973	-20.1144
-162	-18.0964	-26.7565	-17.1264	-17.9268	-22.4154	-18.9579	-19.0057	-26.0363	-20.4098
-161	-17.6562	-24.4688	-16.7606	-16.4157	-20.7995	-20.0736	-18.4656	-21.7565	-22.1253
-160	-17.7123	-21.8946	-17.1108	-15.551	-19.8522	-21.6954	-17.3797	-19.888	-25.9583
-159	-18.3931	-20.4612	-17.9758	-15.2634	-19.5855	-23.2625	-16.2042	-19.7376	-35.1635
-158	-19.7626	-20.2658	-19.1785	-15.4602	-20.0506	-23.994	-15.4249	-21.0222	-31.9855
-157	-21.6452	-21.328	-20.5919	-16.0605	-21.3371	-23.8603	-15.2628	-23.4604	-24.41
-156	-23.1324	-23.7053	-22.1893	-16.9446	-23.5103	-23.619	-15.8157	-25.4989	-20.7704
-155	-22.7764	-26.6964	-24.01	-17.9462	-26.1998	-23.7957	-17.1344	-24.7893	-18.7839
-154	-21.1298	-26.6417	-25.9515	-18.8242	-27.5582	-24.3919	-19.2499	-23.2965	-17.8676
-153	-19.5248	-24.1229	-27.2732	-19.3922	-26.5951	-24.7222	-22.0169	-22.7215	-17.8219
-152	-18.3603	-22.4134	-26.7837	-19.6137	-25.3513	-23.7489	-24.6297	-23.1168	-18.4794
-151	-17.6233	-21.8793	-24.916	-19.6105	-24.6068	-21.792	-25.5991	-23.9307	-19.4827
-150	-17.2494	-22.2884	-22.9564	-19.56	-23.9271	-19.9311	-25.1727	-24.1896	-20.0114
-149	-17.2073	-23.3097	-21.4428	-19.6245	-22.7993	-18.6377	-24.5908	-23.4824	-19.5009
-148	-17.4915	-24.4641	-20.4778	-19.926	-21.3767	-17.9768	-24.1887	-22.4705	-18.5551
-147	-18.0825	-25.2654	-20.0452	-20.545	-20.1543	-17.8746	-23.9552	-21.712	-17.9697
-146	-18.9306	-25.5837	-20.0573	-21.5021	-19.4163	-18.2222	-23.9993	-21.2916	-18.079
-145	-19.9136	-25.5336	-20.3304	-22.7349	-19.2031	-18.8238	-24.4542	-21.0691	-18.9637
-144	-20.8817	-25.1159	-20.5699	-24.0629	-19.3967	-19.4392	-25.1719	-20.8365	-20.5907
-143	-21.7631	-24.3874	-20.5092	-25.2335	-19.7442	-19.8602	-25.4097	-20.4414	-22.7541
-142	-22.6615	-23.6522	-20.1552	-26.1061	-19.9223	-20.0582	-24.4524	-19.8892	-24.8222
-141	-23.7964	-23.2332	-19.7656	-26.7353	-19.748	-20.2001	-22.8376	-19.3491	-25.8841
-140	-25.3836	-23.2592	-19.5929	-27.1398	-19.338	-20.5098	-21.3689	-19.0443	-25.9537
-139	-27.5507	-23.6405	-19.7643	-27.1062	-18.9485	-21.1467	-20.3121	-19.1373	-25.6893
-138	-30.237	-24.0886	-20.3004	-26.4631	-18.7744	-22.1453	-19.6255	-19.7212	-25.1274
-137	-32.9494	-24.3048	-21.1489	-25.4475	-18.9249	-23.2685	-19.1825	-20.7056	-23.8517
-136	-34.8633	-24.2584	-22.2021	-24.4494	-19.4528	-23.8275	-18.8423	-21.7483	-21.9114
-135	-36.1318	-24.1314	-23.303	-23.6667	-20.3493	-23.2107	-18.4709	-22.2927	-19.8825
-134	-37.7803	-23.9582	-24.2621	-23.0693	-21.5241	-21.8217	-17.953	-22.1667	-18.2135
-133	-39.4706	-23.519	-24.9421	-22.4827	-22.7279	-20.3441	-17.2844	-21.8134	-17.0792
-132	-37.9237	-22.6588	-25.3503	-21.7321	-23.6231	-19.0225	-16.5835	-21.615	-16.5092
-131	-34.2981	-21.5861	-25.6579	-20.7812	-24.1153	-17.8502	-16.0326	-21.5342	-16.407
-130	-31.3881	-20.6528	-26.0903	-19.75	-24.5416	-16.7973	-15.763	-21.2342	-16.5764
-129	-29.4737	-20.0783	-26.8025	-18.8027	-25.3231	-15.8863	-15.8265	-20.4751	-16.6827
-128	-28.3919	-19.9242	-27.7774	-18.0438	-26.617	-15.194	-16.1899	-19.419	-16.4892
-127	-27.9504	-20.1511	-28.6552	-17.5241	-27.9552	-14.7728	-16.7581	-18.3856	-16.1144
-126	-27.8807	-20.6564	-28.7369	-17.2517	-27.9769	-14.6441	-17.4276	-17.553	-15.8894
-125	-27.7209	-21.2986	-27.7604	-17.2116	-26.389	-14.7845	-18.1458	-16.9396	-16.109
-124	-26.9809	-21.9235	-26.3214	-17.3685	-24.5328	-15.124	-18.9721	-16.4628	-16.9405
-123	-25.6788	-22.4272	-24.9928	-17.6667	-23.0996	-15.5706	-20.0011	-16.0326	-18.4489
-122	-24.2873	-22.8028	-23.9804	-18.0397	-22.1316	-16.0022	-21.2659	-15.5707	-20.5051
-121	-23.2	-23.1482	-23.2996	-18.4108	-21.4651	-16.3388	-22.5539	-15.0661	-22.216
-120	-22.5853	-23.609	-22.8863	-18.7186	-20.8676	-16.5537	-23.0909	-14.5631	-21.9063
-119	-22.4779	-24.2754	-22.6406	-18.9407	-20.1089	-16.6958	-21.995	-14.1472	-20.0037
-118	-22.846	-25.0541	-22.4337	-19.1184	-19.0868	-16.8491	-19.8113	-13.8886	-18.056
-117	-23.5724	-25.5454	-22.1342	-19.3175	-17.8947	-17.0886	-17.6105	-13.8425	-16.5601
-116	-24.407	-25.3067	-21.6539	-19.6043	-16.7302	-17.4004	-15.8686	-13.9895	-15.5284
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-114	-24.7263	-23.7351	-20.2361	-20.5196	-15.1034	-17.7684	-14.0186	-14.5234	-14.3648
-113	-23.8239	-23.4068	-19.4925	-21.06	-14.7663	-17.5945	-13.7743	-14.6538	-13.9249
-112	-22.5906	-23.6673	-18.8687	-21.5382	-14.7213	-17.2797	-13.7857	-14.6351	-13.4215
-111	-21.3877	-24.5266	-18.4358	-21.9007	-14.8814	-17.057	-13.8489	-14.575	-12.8937
-110	-20.4472	-25.9133	-18.2359	-22.2015	-15.1217	-17.0957	-13.8051	-14.6341	-12.459
-109	-19.9085	-27.681	-18.2736	-22.572	-15.2951	-17.4801	-13.648	-14.9343	-12.2333
-108	-19.861	-29.5278	-18.508	-23.1485	-15.3182	-18.1889	-13.4796	-15.5163	-12.2716
-107	-20.3629	-30.6072	-18.8581	-24.012	-15.2018	-19.1081	-13.3906	-16.3112	-12.5658
-106	-21.4419	-29.6999	-19.1968	-25.1534	-15.0363	-20.0044	-13.4212	-17.1377	-13.0393
-105	-23.0502	-27.3804	-19.4042	-26.4413	-14.9099	-20.5343	-13.5371	-17.6796	-13.5635
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-102	-27.2512	-22.607	-18.931	-27.1056	-15.1068	-18.6836	-13.6329	-16.0611	-13.9537
-101	-27.3255	-22.3514	-18.6147	-25.49	-15.2266	-17.6759	-13.2504	-15.0416	-13.4887
-100	-27.2697	-22.5334	-18.3417	-23.6813	-15.174	-16.8598	-12.642	-14.1341	-12.8681
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-98	-27.474	-22.5982	-18.0322	-20.9262	-14.3222	-15.9963	-11.442	-12.8681	-11.758
-97	-28.0028	-21.88	-17.9652	-20.2083	-13.7551	-15.8897	-11.1571	-12.4885	-11.4407
-96	-29.2142	-20.9122	-17.9159	-19.9316	-13.3237	-15.912	-11.1628	-12.2406	-11.3194
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-94	-33.7528	-19.2969	-17.8764	-20.4401	-13.2555	-16.2039	-11.9089	-12.0915	-11.6396
-93	-33.0849	-18.8002	-18.011	-20.9951	-13.6459	-16.4869	-12.459	-12.2346	-12.023
-92	-30.391	-18.5202	-18.3506	-21.5443	-14.2543	-16.8992	-12.9548	-12.5496	-12.4959
-91	-28.2932	-18.4223	-18.9738	-21.9185	-14.9568	-17.4298	-13.2877	-13.0341	-12.981
-90	-26.7631	-18.4454	-19.9157	-21.9785	-15.5773	-18.0167	-13.4269	-13.6183	-13.3843
-89	-25.1144	-18.4204	-21.1665	-21.6395	-15.9509	-18.5501	-13.4159	-14.1969	-13.609
-88	-23.1044	-18.1472	-22.6539	-20.9391	-15.9924	-18.8992	-13.3346	-14.619	-13.5995
-87	-21.1292	-17.6082	-24.1719	-20.0234	-15.7835	-18.9251	-13.2569	-14.7384	-13.3392
-86	-19.6075	-17.0156	-25.3743	-19.0561	-15.4845	-18.5541	-13.2076	-14.4967	-12.853
-85	-18.7151	-16.6492	-25.9339	-18.142	-15.2625	-17.8272	-13.1536	-13.9588	-12.2223
-84	-18.4646	-16.6993	-25.7433	-17.303	-15.2209	-16.9126	-13.0351	-13.2724	-11.5525
-83	-18.7674	-17.2711	-24.8645	-16.5466	-15.4032	-15.9849	-12.8049	-12.6182	-10.9507
-82	-19.4018	-18.3742	-23.4539	-15.8757	-15.7966	-15.1857	-12.4828	-12.1287	-10.4908
-81	-20.0576	-19.8974	-21.8126	-15.3413	-16.3394	-14.5882	-12.1441	-11.88	-10.2232
-80	-20.5575	-21.5811	-20.2679	-15.015	-16.9436	-14.226	-11.9013	-11.8887	-10.1513
-79	-21.1233	-23.0538	-19.045	-14.9676	-17.5179	-14.0889	-11.8431	-12.1355	-10.2681
-78	-22.2729	-24.0881	-18.2425	-15.2519	-17.9932	-14.1518	-12.0301	-12.5677	-

-68	-25.8658	-19.877	-23.6352	-18.7181	-16.4289	-15.9601	-14.5083	-13.6156	-12.5555
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-61	-19.1172	-22.4409	-21.6345	-17.6541	-15.7009	-15.051	-14.0025	-12.4829	-11.6264
-60	-18.3332	-22.8994	-21.9769	-18.413	-15.9179	-15.0874	-14.5011	-12.7282	-11.9641
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-58	-18.4563	-24.2088	-23.9227	-19.1945	-16.3246	-15.6033	-15.1594	-13.5387	-12.7119
-57	-19.0652	-24.1129	-25.4259	-18.9511	-16.4385	-16.0007	-15.1952	-13.9347	-12.997
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-55	-19.85	-21.4559	-26.2715	-17.4598	-16.1405	-16.5352	-14.734	-14.0939	-13.2065
-54	-19.4282	-20.4057	-25.2506	-16.5587	-15.7723	-16.4344	-14.2991	-13.7238	-13.1596
-53	-18.439	-19.9771	-24.205	-15.785	-15.3798	-16.0351	-13.7718	-13.1093	-13.0576
-52	-17.1197	-20.1268	-23.3425	-15.2295	-15.0414	-15.4251	-13.1887	-12.394	-12.9255
-51	-15.7291	-20.6697	-22.5609	-14.9314	-14.7773	-14.7282	-12.5894	-11.7304	-12.784
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-47	-12.3912	-20.6429	-20.1495	-15.9247	-14.519	-12.8957	-10.8911	-10.8377	-12.142
-46	-12.1938	-19.6946	-19.9682	-16.3925	-14.6433	-12.7936	-10.7611	-10.9545	-11.9624
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-42	-11.5802	-16.1873	-18.9547	-16.7409	-15.2889	-12.122	-10.7291	-10.9627	-11.2087
-41	-11.1055	-15.5808	-18.1263	-16.4196	-15.3695	-11.7576	-10.5493	-10.7404	-10.9163
-40	-10.5256	-15.0025	-16.9522	-16.0508	-15.4002	-11.4126	-10.2623	-10.419	-10.5373
-39	-9.91688	-14.3997	-15.5318	-15.6783	-15.4098	-11.1423	-9.91359	-10.0129	-10.0747
-38	-9.33339	-13.7512	-14.0326	-15.2792	-15.4216	-10.9797	-9.58717	-9.53855	-9.54216
-37	-8.81038	-13.044	-12.5988	-14.7962	-15.4774	-10.9245	-9.35929	-9.03482	-8.95982
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-32	-6.49136	-9.41902	-8.21668	-10.523	-16.772	-11.6561	-10.5436	-7.70707	-6.20589
-31	-5.9189	-8.83151	-7.78131	-9.48322	-16.9386	-11.8316	-11.0076	-7.85091	-5.84239
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-28	-4.29913	-6.97289	-6.20508	-6.79037	-14.6133	-13.2511	-12.2418	-8.75097	-5.63947
-27	-3.94216	-6.22475	-5.52971	-6.15708	-12.9264	-14.3652	-12.7754	-9.15866	-6.03222
-26	-3.71425	-5.40847	-4.82233	-5.67208	-11.1166	-15.6908	-13.5414	-9.68426	-6.7113
-25	-3.60227	-4.55858	-4.11842	-5.30934	-9.37568	-16.5597	-14.6543	-10.4116	-7.66932
-24	-3.56975	-3.72941	-3.4509	-5.02341	-7.82304	-16.1059	-16.2528	-11.4328	-8.84436
-23	-3.5661	-2.97991	-2.84382	-4.75142	-6.5218	-14.6406	-18.4812	-12.8389	-10.1048
-22	-3.53657	-2.36479	-2.31062	-4.43003	-5.494	-13.0544	-21.4602	-14.7203	-11.2769
-21	-3.43273	-1.91502	-1.8388	-4.01117	-4.72064	-11.7156	-24.829	-17.1407	-12.2158
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-19	-2.92641	-1.4856	-9.14E-01	-2.83289	-3.72238	-9.44353	-23.319	-23.5168	-1.37E+01
-18	-2.54E+00	-1.42E+00	-8.38E-01	-2.12177	-3.33133	-8.20925	-2.01E+01	-2.69E+01	-1.46E+01
-17	-2.11E+00	-1.36E+00	1.86E-01	-1.38427	-2.89094	-6.89E+00	-1.72E+01	-3.00E+01	-1.58E+01
-16	-1.67E+00	-1.22E+00	7.36E-01	-0.657524	-2.34282	-5.61E+00	-1.46E+01	-3.06E+01	-1.68E+01
-15	-1.25584	-9.73E-01	1.20E+00	0.0360996	-1.67657	-4.49E+00	-1.23E+01	-2.58E+01	-1.66E+01
-14	-0.879037	-0.609221	1.52E+00	0.682157	-0.930377	-3.59E+00	-1.03E+01	-2.05E+01	-1.49E+01
-13	-0.545086	-0.146984	1.69112	1.28095	-0.167936	-2.94E+00	-8.53E+00	-1.63E+01	-13.1243
-12	-0.254325	0.320423	1.72195	1.82547	0.543304	-2.51E+00	-6.95E+00	-1.30E+01	-11.9473
-11	-0.0194114	0.718463	1.63992	2.2875	1.14597	-2.23E+00	-5.56E+00	-1.05E+01	-11.555
-10	-0.137572	0.99477	1.51709	2.6638	1.60277	-2.00594	-4.35E+00	-8.61E+00	-11.9776
-9	-0.189441	1.10716	1.42445	2.93207	1.90375	-1.7193	-3.33331	-7.30E+00	-13.1647
-8	-0.117294	1.0411	1.41529	3.08218	2.06338	-1.28064	-2.51035	-6.50E+00	-14.5948
-7	-0.084775	0.851331	1.53558	3.11479	2.12751	-0.671179	-1.8877	-6.09545	-14.4621
-6	-0.400397	0.607834	1.75372	3.04102	2.16294	0.0568374	-1.4516	-5.86205	-11.9796
-5	-0.787426	0.411177	2.0367	2.90454	2.23717	0.812493	-1.15986	-5.46479	-9.02549
-4	-1.17706	0.347853	2.30023	2.76358	2.38932	1.51503	-0.93738	-4.62717	-6.54794
-3	-1.47703	0.44185	2.50664	2.67669	2.63249	2.11147	-0.688814	-3.39368	-4.64365
-2	-1.5975	0.650147	2.61835	2.70794	2.92805	2.58484	-0.332516	-2.06158	-3.24208
-1	-1.50183	0.898129	2.63488	2.8699	3.22934	2.94739	0.155147	-0.880689	-2.23657
0	-1.23978	1.11732	2.58337	3.12904	3.50763	3.23153	0.734438	0.0360364	-1.49521
1	0.935687	1.2796	2.49631	3.40183	3.73529	3.47463	1.32021	0.673475	-0.867921
2	0.721862	1.34949	2.39889	3.60187	3.90936	3.69684	1.8433	1.07919	-0.232789
3	0.694109	1.32629	2.28904	3.66115	4.03012	3.89436	2.23391	1.31814	0.435059
4	0.901002	1.2362	2.15569	3.53942	4.10137	4.03303	2.47084	1.48697	1.0536
5	-1.33546	1.09443	1.95031	3.23719	4.13302	4.06458	2.53091	1.66382	1.49782
6	-1.93256	0.912921	1.65888	2.79285	4.10805	3.9376	2.44997	1.86671	1.65748
7	-2.56702	0.690296	1.23569	2.28112	4.00933	3.6242	2.28211	2.08103	1.46744
8	-3.06664	0.398976	0.668645	1.81558	3.80061	3.12062	2.10738	2.22628	0.92515
9	-3.28702	-0.0288895	0.00269895	1.49257	3.44807	2.46603	1.99615	2.20417	0.0409597
10	-3.19924	-0.637809	-0.683123	1.34113	2.92966	1.78041	1.97706	1.93038	-1.04832
11	-2.90964	-1.47364	-1.22661	1.30184	2.23954	1.21929	1.9903	1.35753	-2.0407
12	-2.57963	-2.55036	-1.48117	1.26083	1.40968	0.958003	1.94223	0.481861	-2.4509
13	-2.37001	-3.83607	-1.44716	1.09877	0.524388	1.03584	1.73948	-0.595885	-2.03762
14	-2.4016	-5.22535	-1.29837	0.716171	-0.281533	1.29513	1.30513	-1.59712	-1.15091
15	-2.76376	-6.50819	-1.2593	0.0348805	-0.8553	1.5195	0.603287	-2.10473	-0.309432
16	-3.52E+00	-7.41009	-1.49688	-1.01E+00	-1.13E+00	1.53E+00	-0.375428	-1.94406	1.63E-01
17	-4.69E+00	-7.78E+00	-2.11E+00	-2.46E+00	-1.17E+00	1.20008	-1.56298	-1.41867	0.111259
18	-6.26E+00	-7.77E+00	-3.15E+00	-4.29E+00	-1.16E+00	0.454053	-2.74739	-0.951695	0.556882
19	-8.14E+00	-7.71E+00	-4.66E+00	-6.32836	-1.26791	0.768338	-3.55333	-0.803627	-1.92143
20	-1.01E+01	-7.89E+00	-6.62863	-8.11713	-1.6429	-2.50379	-3.73642	-1.09952	-4.05378
21	-11.975	-8.45066	-9.03575	-9.13887	-2.39315	-4.71635	-3.52876	-1.9119	-6.88055
22	-13.2949	-9.39218	-11.7158	-9.56571	-3.62364	-7.12833	-3.4004	-3.31671	-9.57693
23	-13.5277	-10.422	-14.2092	-10.0657	-5.45463	-9.00328	-3.71179	-5.41868	-10.3324
24	-12.3634	-10.8757	-15.8191	-11.114	-8.07094	-9.79055	-4.69106	-8.35606	-9.65344
25	-10.444	-10.2844	-16.4326	-12.8197	-11.812	-10.1617	-6.56618	-12.191	-9.36412
26	-8.57295	-9.10112	-16.4222	-14.4487	-17.3742	-11.1628	-9.75549	-16.1612	-10.1586
27	-7.06484	-7.95689	-15.452	-13.9676	-22.7638	-13.7199	-15.4923	-17.8164	-12.4759
28	-5.95703	-7.07436	-13.0891	-11.5081	-18.0984	-19.9694	-28.0458	-17.6218	-17.4757
29	-5.18255	-6.42171	-10.1211	-8.99071	-13.7835	-23.5754	-17.0333	-16.9446	-22.392
30	-4.66181	-5.85966	-7.40453	-6.98597	-10.7543	-13.3131	-11.7458	-14.5284	-13.985
31	-4.33253	-5.2572	-5.23477	-5.47216	-8.35507	-8.43477	-8.92455	-10.9888	-8.93286
32	-4.15831	-4.55306	-3.63042	-4.34662	-6.37441	-5.49793	-7.07898	-7.84364	-5.85124
33	-4.10882	-3.77893	-2.54761	-3.51894	-4.75978	-3.61887	-5.67839	-5.45827	-3.87344
34	-4.14864	-3.02338	-1.92411	-2.91349	-3.48694	-2.44829	-4.48969	-3.76053	-2.64176
35	-4.22396	-2.37702	-1.69728	-2.47314	-				

45	-5.77851	-3.02083	-3.18581	-3.11762	-1.94862	-1.10295	-1.87859	-1.50677	-1.78878
46	-5.66728	-2.91776	-3.24515	-3.08878	-1.87444	-0.990762	-1.64728	-1.4677	-1.58791
47	-5.46187	-2.84042	-3.40142	-2.98985	-1.86675	-0.929285	-1.35014	-1.57784	-1.43177
48	-5.26622	-2.83173	-3.64328	-2.89866	-1.95455	-0.936841	-1.0864	-1.82428	-1.38245
49	-5.19442	-2.92651	-3.95161	-2.8986	-2.15576	-1.03925	-0.954197	-2.17141	-1.50196
50	-5.33257	-3.14727	-4.31133	-3.06287	-2.4734	-1.27079	-1.03141	-2.58215	-1.8487
51	-5.73644	-3.50059	-4.72029	-3.44327	-2.90808	-1.6635	-1.36272	-3.0247	-2.46969
52	-6.41547	-3.96427	-5.18861	-4.06363	-3.45066	-2.24327	-1.95464	-3.4904	-3.39214
53	-7.3311	-4.50846	-5.73068	-4.92123	-4.09211	-3.01468	-2.78205	-3.99594	-4.60869
54	-8.3819	-5.10618	-6.36016	-5.98155	-4.83353	-3.95226	-3.80154	-4.5827	-6.06332
55	-9.4234	-5.76214	-7.07503	-7.18113	-5.69736	-4.99808	-4.97327	-5.29696	-7.62841
56	-10.2915	-6.50673	-7.84914	-8.43054	-6.71944	-6.05477	-6.28392	-6.1769	-9.10148
57	-10.8795	-7.36311	-8.63338	-9.62746	-7.92956	-7.00564	-7.7278	-7.22533	-10.241
58	-11.1544	-8.30903	-9.35926	-10.6537	-9.33185	-7.75614	-9.22975	-8.39662	-10.9033
59	-11.1877	-9.23144	-9.96677	-11.3918	-10.8603	-8.27874	-10.5544	-9.59931	-11.1564
60	-11.1109	-9.94929	-10.4407	-11.7654	-12.3466	-8.62899	-11.3517	-10.7105	-11.2292
61	-11.0794	-10.3062	-10.8149	-11.7961	-13.5215	-8.90631	-11.4579	-11.6564	-11.3458
62	-11.2189	-10.2841	-11.14	-11.5984	-14.1117	-9.22384	-11.0407	-12.4388	-11.5862
63	-11.5989	-10.0003	-11.4544	-11.3013	-14.0249	-9.65408	-10.3444	-13.087	-11.8313
64	-12.2196	-9.62212	-11.7725	-11.0024	-13.4282	-10.2202	-9.5724	-13.6048	-11.8438
65	-13.0374	-9.30774	-12.0861	-10.7762	-12.6463	-10.8995	-8.90592	-13.9732	-11.5225
66	-13.9808	-9.19877	-12.3793	-10.6895	-11.952	-11.6617	-8.50383	-14.1723	-11.0834
67	-15.0017	-9.40027	-12.649	-10.808	-11.5087	-12.5043	-8.47624	-14.2247	-10.8359
68	-16.0573	-9.98778	-12.8911	-11.189	-11.359	-13.4648	-8.85092	-14.1511	-10.9864
69	-17.0385	-10.971	-13.1076	-11.8657	-11.4699	-14.5817	-9.56388	-13.9707	-11.5852
70	-17.7241	-12.3082	-13.2837	-12.8467	-11.7441	-15.8213	-10.4594	-13.7099	-12.5536
71	-17.9206	-13.8535	-13.4185	-14.0955	-12.069	-17.015	-11.3467	-13.4289	-13.703
72	-17.7431	-15.4277	-13.5096	-15.5428	-12.3994	-17.9343	-12.1357	-13.168	-14.8523
73	-17.5101	-16.9434	-13.5596	-17.1125	-12.7654	-18.422	-12.9563	-12.9421	-15.9742
74	-17.4382	-18.4663	-13.5759	-18.6182	-13.2591	-18.3574	-14.0354	-12.7292	-17.2455
75	-17.5541	-19.9038	-13.5618	-19.6064	-13.9536	-17.5603	-15.5342	-12.4827	-18.7216
76	-17.7744	-20.5164	-13.5394	-19.4072	-14.8577	-16.0962	-17.447	-12.1785	-19.878
77	-18.0416	-19.6721	-13.5498	-18.0461	-15.9093	-14.4327	-19.4303	-11.8258	-19.747
78	-18.4016	-18.1758	-13.6408	-16.3177	-17.0169	-13.0016	-20.7316	-11.4659	-18.5722
79	-18.947	-16.9227	-13.862	-14.7896	-18.0932	-12.0163	-20.8788	-11.1569	-17.4159
80	-19.6543	-16.1478	-14.243	-13.6433	-19.1204	-11.5165	-20.3853	-10.9507	-16.7623
81	-20.2254	-15.7637	-14.781	-12.9026	-20.0976	-11.4757	-19.9246	-10.8942	-16.6604
82	-20.2259	-15.6033	-15.4495	-12.5382	-21.0104	-11.8114	-19.8442	-11.017	-17.0255
83	-19.6389	-15.5376	-16.2194	-12.5123	-21.854	-12.3931	-20.318	-11.3287	-17.7264
84	-18.9278	-15.557	-17.0591	-12.782	-22.6862	-13.0588	-21.4604	-11.7995	-18.6147
85	-18.4747	-15.7338	-17.967	-13.3024	-23.5956	-13.6509	-23.3294	-12.3836	-19.5003
86	-18.3898	-16.1507	-18.9604	-13.9964	-24.5814	-14.0952	-25.7534	-12.9951	-20.1255
87	-18.5934	-16.7823	-20.0523	-14.7689	-25.4706	-14.3859	-27.7057	-13.5518	-20.2981
88	-18.9107	-17.4936	-21.1933	-15.4828	-26.0497	-14.5507	-27.4365	-13.9834	-20.0677
89	-19.1927	-18.0547	-22.206	-15.9869	-26.3342	-14.6093	-25.4884	-14.2554	-19.6798
90	-19.3993	-18.2696	-22.7897	-16.1556	-26.3996	-14.5496	-23.3704	-14.3226	-19.3384
91	-19.6191	-18.1304	-22.7474	-15.9528	-25.9918	-14.3501	-21.6371	-14.1604	-19.12
92	-19.9309	-17.7637	-22.2199	-15.4648	-24.7789	-14.0257	-20.4573	-13.7763	-19.0197
93	-20.3476	-17.3253	-21.5127	-14.8415	-23.0799	-13.6281	-19.9118	-13.2419	-19.0624
94	-20.8149	-16.9358	-20.8443	-14.2525	-21.5333	-13.2382	-20.0322	-12.6879	-19.3428
95	-21.2501	-16.6884	-20.3054	-13.8148	-20.4958	-12.9624	-20.8178	-12.2382	-19.9942
96	-21.5628	-16.604	-19.9212	-13.5912	-20.0648	-12.8797	-22.2194	-11.9728	-21.1719
97	-21.6843	-16.6442	-19.7028	-13.6126	-20.219	-13.0424	-24.107	-11.9438	-23.0437
98	-21.6098	-16.7126	-19.6587	-13.8596	-20.8612	-13.4535	-26.206	-12.1507	-25.8055
99	-21.4498	-16.7258	-19.786	-14.2864	-21.8224	-14.0563	-28.0679	-12.5568	-29.6121
100	-21.3884	-16.714	-20.05	-14.8192	-22.8602	-14.7417	-29.2148	-13.0955	-33.5864
101	-21.5843	-16.8128	-20.3739	-15.3681	-23.7084	-15.3396	-29.5411	-13.669	-33.7388
102	-22.0836	-17.1594	-20.6427	-15.8294	-24.1384	-15.7108	-29.5177	-14.1412	-31.2959
103	-22.7621	-17.8437	-20.738	-16.1028	-23.971	-15.7872	-29.7762	-14.3652	-29.0727
104	-23.3031	-18.8512	-20.5923	-16.1407	-23.2013	-15.6256	-30.5496	-14.2273	-27.0403
105	-23.3947	-20.0244	-20.2218	-15.9398	-22.112	-15.3192	-31.0989	-13.7675	-24.9696
106	-23.083	-21.0604	-19.7112	-15.5904	-21.0769	-14.9836	-29.8938	-13.1539	-22.9149
107	-22.6877	-21.5923	-19.1802	-15.224	-20.3357	-14.7005	-27.5384	-12.6001	-21.0337
108	-22.4472	-21.4372	-18.744	-14.9628	-19.9685	-14.5379	-25.5117	-12.261	-19.4398
109	-22.3988	-20.7339	-18.4959	-14.8882	-19.9626	-14.5369	-24.2096	-12.2256	-18.1852
110	-22.4426	-19.8119	-18.4834	-15.028	-20.2532	-14.7074	-23.5399	-12.5175	-17.2844
111	-22.443	-18.987	-18.7125	-15.3742	-20.7515	-15.0183	-23.2766	-13.1364	-16.7291
112	-22.3153	-18.473	-19.1387	-15.8728	-21.3441	-15.4274	-23.1447	-14.0192	-16.4819
113	-22.0613	-18.3721	-19.6756	-16.4575	-21.8613	-15.8959	-22.8894	-15.0517	-16.4949
114	-21.7313	-18.6727	-20.2058	-17.0437	-22.0647	-16.4246	-22.3694	-16.0239	-16.6929
115	-21.3753	-19.2381	-20.6087	-17.5433	-21.7748	-17.0367	-21.5911	-16.6592	-16.9624
116	-21.0406	-19.7888	-20.7978	-17.8971	-21.0801	-17.7566	-20.683	-16.8141	-17.1905
117	-20.7762	-20.0286	-20.7438	-18.0712	-20.2667	-18.5467	-19.8086	-16.6131	-17.3021
118	-20.6297	-19.8998	-20.4945	-18.1153	-19.5862	-19.2597	-19.1033	-16.3547	-17.2824
119	-20.6344	-19.599	-20.1591	-18.1253	-19.1504	-19.7338	-18.6243	-16.2713	-17.1705
120	-20.7846	-19.3146	-19.8524	-18.1963	-18.9482	-19.8941	-18.3519	-16.4723	-17.0553
121	-21.0263	-19.0955	-19.6505	-18.3848	-18.9151	-19.8455	-18.198	-16.9512	-16.9993
122	-21.2529	-18.8968	-19.5664	-18.6668	-18.9242	-19.7312	-18.0459	-17.5725	-17.0613
123	-21.3361	-18.6728	-19.5567	-18.9668	-18.8422	-19.6279	-17.7973	-18.0694	-17.3056
124	-21.2065	-18.4056	-19.5498	-19.2429	-18.5856	-19.5664	-17.4397	-18.1863	-17.7804
125	-20.9056	-18.0855	-19.48	-19.4709	-18.1521	-19.5854	-17.0075	-17.9239	-18.5076
126	-20.5611	-17.6905	-19.3172	-19.6501	-17.6238	-19.7377	-16.5838	-17.5191	-19.4942
127	-20.3094	-17.2239	-19.0686	-19.7732	-17.1177	-20.0433	-16.2585	-17.2043	-20.6764
128	-20.2534	-16.7497	-18.7774	-19.839	-16.7497	-20.4471	-16.1136	-17.0572	-21.8862
129	-20.4599	-16.3676	-18.5176	-19.9059	-16.5731	-20.8343	-16.1857	-17.0479	-22.8455
130	-20.9669	-16.1652	-18.376	-20.078	-16.6017	-21.1209	-16.4502	-17.0558	-23.2695
131	-21.7848	-16.1788	-18.4334	-20.4286	-16.7838	-21.3051	-16.8075	-16.9208	-23.0468
132	-22.8762	-16.3717	-18.7042	-20.8942	-17.0364	-21.3672	-17.1009	-16.5332	-22.3077
133	-24.1236	-16.6709	-19.1608	-21.2446	-17.2308	-21.1532	-17.147	-15.9108	-21.3199
134	-25.2971	-16.9677	-19.6549	-21.2246	-17.2696	-20.5123	-16.8421	-15.1804	-20.3568
135	-26.0786	-17.1986	-19.9895	-20.8238	-17.0839	-19.5835	-16.2411	-14.5395	-19.6183
136	-26.1747	-17.3252	-20.0067	-20.2289	-16.7126	-18.7152	-15.4916	-14.1375	-19.2173
137	-25.458	-17.3535	-19.7003	-19.543	-16.2583	-18.1908	-14.7821	-14.0788	-19.2019
138	-24.1343	-17.314	-19.1884	-18.7373	-15.8757	-18.1497	-14.2618	-14.3925	-19.5716
139	-22.6697	-17.2881	-18.6204	-17.8263	-15.7163	-18.6148	-14.0239	-15.0664	-20.289
140	-21.4821	-17.4223	-18.1226	-16.9665	-15.9061	-19.5795	-14.0821	-16.0327	-21.2572
141	-20.8162	-17.8815	-17.7661	-16.3681	-16.5267	-20.9527	-14.372	-17.1603	-22.25
142	-20.8027	-18.8519	-17.5295	-16.166	-17.6144	-22.3064	-14.7532	-18.2138	-22.8072
143	-21.5107	-20.5149	-17.2574	-16.3814	-19.1144	-22.3492	-15.0238	-18.8354	-22.4389
144	-22.9432	-23.0776	-16.7255	-16.902	-20.7911	-20.3869	-15.0331	-18.6671	-21.249
145	-24.8676	-26.6153	-15.8459	-17.4839	-22.1743	-17.8382	-14.7804	-17.816	-19.8098
146	-26.3398	-29.3939	-14.7798	-17.842	-22.9051	-15.7414	-14.4297	-16.8427	-18.5397
147	-26.0832	-27.7647	-13.8148	-17.9123	-23.1909	-14.3428	-14.199	-16.2304	-17.5792
148	-24.6164	-24.9228	-13.135	-17.8878	-23.4602	-13.6499	-14.2847	-16.2428	-16.9129
149	-23.061								

158	-19.4579	-15.8955	-13.9156	-14.9791	-13.2518	-14.1124	-12.5604	-10.9055	-12.8598
159	-17.667	-16.2386	-12.9944	-14.6646	-13.9461	-13.9373	-13.4418	-11.0923	-14.1967
160	-16.8093	-17.4595	-13.0751	-15.2989	-15.6287	-14.6923	-15.6652	-12.2866	-16.6253
161	-16.5458	-19.7423	-14.1645	-16.6545	-18.5607	-16.0705	-19.2223	-14.4851	-19.8303
162	-16.5558	-22.7649	-16.1746	-17.8809	-22.796	-16.5354	-19.4357	-16.6915	-19.2603
163	-16.6428	-23.2352	-18.1511	-17.7944	-24.8032	-14.7	-15.3095	-16.3615	-15.1943
164	-16.8475	-20.1318	-17.7833	-16.9011	-21.8265	-12.2931	-12.3456	-14.6854	-12.0092
165	-17.3955	-17.22	-15.8691	-16.4643	-19.0343	-10.5664	-10.8308	-13.9431	-9.96498
166	-18.485	-15.1464	-14.4941	-16.9057	-16.8652	-9.68053	-10.4139	-14.6326	-8.80522
167	-19.8796	-13.6908	-14.1436	-17.797	-14.8149	-9.55938	-10.7562	-16.3491	-8.35719
168	-20.381	-12.6922	-14.8404	-17.6227	-12.8503	-10.0843	-11.3376	-16.4113	-8.51481
169	-19.1985	-12.0944	-16.5652	-15.8608	-11.2096	-11.1102	-11.5229	-13.6137	-9.18597
170	-17.6455	-11.9258	-19.1991	-14.0535	-10.0948	-12.4592	-11.2377	-11.097	-10.2377
171	-16.7454	-12.2221	-21.9841	-13.074	-9.58186	-13.9736	-11.1247	-9.79797	-11.42
172	-16.6939	-13.0149	-23.1	-13.0424	-9.66416	-15.5805	-11.8006	-9.65889	-12.3716
173	-17.2598	-14.2456	-22.3284	-13.7565	-10.2518	-17.128	-13.581	-10.4303	-12.8356
174	-17.7314	-15.7336	-20.7954	-14.453	-11.1253	-17.9243	-15.8597	-11.4015	-12.9005
175	-17.262	-17.2135	-18.7447	-13.9366	-11.9337	-17.2805	-15.289	-11.2667	-12.8074
176	-16.1222	-18.6964	-16.5337	-12.3901	-12.4622	-15.9024	-12.291	-9.98397	-12.638
177	-15.1908	-20.7842	-14.6484	-10.974	-12.9264	-14.769	-9.95509	-8.80784	-12.2994
178	-14.9257	-24.2103	-13.3012	-10.2229	-13.8102	-14.13	-8.71352	-8.41289	-11.7385
179	-15.3977	-24.5636	-12.5097	-10.222	-15.4793	-13.8048	-8.38599	-8.9769	-11.0797
Max Gain	0.189	1.349	2.635	3.661	4.133	4.065	2.531	2.226	1.657
30Dragee Max Gai	-4.109	-1.647	-1.697	-1.854	-1.399	-0.929	-0.954	-1.468	-1.382

Theta	5100.00(MHz)	5200.00(MHz)	5300.00(MHz)	5400.00(MHz)	5500.00(MHz)	5600.00(MHz)	5700.00(MHz)	5800.00(MHz)	5900.00(MHz)
-180	-17.5349	-19.5633	-18.4914	-15.8805	-16.0089	-16.9936	-12.3187	-12.4103	-12.6297
-179	-17.1542	-17.1039	-19.1028	-16.3977	-15.864	-16.7748	-12.7715	-14.3771	-12.9031
-178	-16.1911	-14.1094	-17.687	-15.654	-13.9172	-15.6552	-13.2821	-15.1841	-12.7855
-177	-15.9476	-12.4069	-16.5213	-14.9609	-12.2215	-14.8864	-13.9806	-14.3315	-12.9138
-176	-16.9903	-11.9551	-16.6603	-15.2191	-11.5002	-15.0722	-15.2795	-13.4454	-13.8743
-175	-19.5934	-12.5911	-18.5557	-16.7132	-11.803	-16.482	-17.7069	-13.4352	-16.0906
-174	-22.86	-14.1515	-23.2168	-19.2882	-13.1086	-19.3112	-21.8305	-14.5225	-19.4567
-173	-21.8378	-16.2223	-29.175	-20.9864	-15.3594	-22.3749	-25.1218	-16.8708	-20.2144
-172	-18.9418	-17.7508	-22.136	-19.5893	-18.203	-20.831	-21.7429	-20.8059	-17.1811
-171	-17.5066	-17.9866	-18.0017	-17.8557	-20.3061	-17.7499	-18.9173	-26.285	-15.0017
-170	-17.5581	-17.7686	-16.2887	-17.2499	-20.4714	-15.9946	-17.9585	-26.8485	-14.3259
-169	-18.7014	-17.8929	-16.1338	-17.7588	-19.9307	-15.5179	-18.4743	-23.4196	-15.0074
-168	-19.8435	-18.4311	-17.2522	-18.9635	-19.7435	-16.1234	-20.042	-21.5271	-16.9549
-167	-19.3293	-19.2109	-19.5294	-19.9729	-20.0746	-17.6408	-21.489	-20.9996	-19.8175
-166	-17.7946	-20.2626	-22.5009	-20.0339	-20.942	-19.7437	-21.129	-21.5891	-21.8422
-165	-16.6875	-21.8712	-23.992	-19.6892	-22.3841	-21.6417	-19.8247	-23.1688	-21.6243
-164	-16.392	-23.6901	-22.7182	-19.7448	-23.8101	-22.5211	-19.0609	-24.8165	-21.389
-163	-16.7714	-22.9597	-20.9975	-20.3301	-23.1279	-22.8328	-19.1584	-23.8935	-22.617
-162	-17.4172	-19.776	-19.7646	-20.8671	-20.5362	-23.3935	-19.8568	-21.1969	-25.7521
-161	-17.7891	-17.081	-19.0111	-20.5021	-18.238	-24.2581	-20.4045	-19.0897	-29.4337
-160	-17.6892	-15.4753	-18.7332	-19.3803	-16.9	-24.7883	-19.964	-18.0472	-27.7066
-159	-17.4825	-14.8641	-19.0473	-18.349	-16.538	-24.5308	-18.7788	-18.0561	-25.0057
-158	-17.6528	-15.1265	-20.1281	-17.8824	-17.1348	-23.9701	-17.6721	-19.139	-23.9087
-157	-18.4901	-16.1875	-22.1668	-18.1231	-18.7152	-23.7139	-17.0685	-21.4667	-23.8834
-156	-20.2252	-17.9613	-25.061	-19.0838	-21.4458	-23.9596	-17.0955	-25.6024	-24.2249
-155	-22.9783	-20.3254	-26.6473	-20.6329	-25.7554	-24.6366	-17.7848	-33.1291	-24.5987
-154	-25.8146	-22.9224	-24.4736	-22.1743	-32.6717	-25.5102	-19.0832	-33.4854	-25.3344
-153	-25.0043	-24.9177	-21.7126	-22.4526	-34.7877	-26.0593	-20.7414	-27.416	-26.6852
-152	-22.1226	-25.4547	-19.7292	-21.3438	-29.0776	-25.4699	-22.0331	-24.5796	-27.1098
-151	-20.0661	-24.9458	-18.4561	-20.1	-25.8398	-23.6721	-22.1944	-23.3856	-24.6701
-150	-19.0948	-24.3772	-17.7536	-19.4033	-24.0607	-21.5864	-21.6641	-23.2686	-21.7962
-149	-19.094	-24.2403	-17.5575	-19.3774	-23.253	-19.8985	-21.3399	-23.9878	-19.9546
-148	-19.9993	-24.5791	-17.8327	-19.9676	-23.2464	-18.8363	-21.62	-25.2927	-19.2361
-147	-21.7768	-25.0191	-18.5258	-21.0328	-23.9345	-18.4372	-22.5511	-26.6317	-19.5447
-146	-24.1397	-24.8753	-19.4304	-22.2973	-25.1224	-18.67	-23.9852	-27.2454	-20.7859
-145	-25.6715	-23.9532	-20.1076	-23.2902	-26.3516	-19.4551	-25.5545	-27.0591	-22.7983
-144	-24.7782	-22.8458	-20.1336	-23.5613	-26.9226	-20.6127	-26.6599	-26.5256	-25.095
-143	-22.9936	-22.0653	-19.6281	-23.1745	-26.516	-21.7996	-26.7995	-25.6378	-26.679
-142	-21.7117	-21.76	-19.0732	-22.6275	-25.5133	-22.5908	-26.0151	-24.1994	-27.1033
-141	-21.176	-21.8761	-18.8036	-22.3538	-24.3877	-22.8615	-24.7366	-22.5202	-27.1932
-140	-21.3406	-22.2643	-18.9281	-22.5736	-23.3991	-22.9203	-23.3695	-21.0949	-27.63
-139	-22.0856	-22.7329	-19.4319	-23.3372	-22.684	-23.147	-22.1545	-20.1809	-28.3779
-138	-23.1508	-23.1032	-20.2142	-24.5365	-22.2799	-23.768	-21.1844	-19.8047	-28.5065
-137	-24.0305	-23.2695	-21.0693	-25.8742	-22.1401	-24.8634	-20.4632	-19.8611	-26.9302
-136	-24.2197	-23.2354	-21.6879	-27.0188	-22.1506	-26.3022	-19.942	-20.1628	-24.4944
-135	-23.8309	-23.0893	-21.8428	-27.914	-22.1904	-27.4627	-19.5462	-20.5255	-22.372
-134	-23.3847	-22.9466	-21.653	-28.4958	-22.2207	-27.4103	-19.168	-20.8933	-20.8625
-133	-23.217	-22.8842	-21.4859	-28.0143	-22.3094	-26.238	-18.7313	-21.3824	-19.8472
-132	-23.4133	-22.9069	-21.6628	-26.1487	-22.5603	-24.7574	-18.215	-22.1611	-19.0519
-131	-23.8888	-22.945	-22.3639	-23.983	-23.045	-23.2627	-17.6946	-23.2782	-18.2209
-130	-24.3664	-22.8744	-23.6558	-22.3221	-23.7808	-21.7013	-17.2898	-24.4375	-17.3145
-129	-24.3604	-22.5739	-25.4778	-21.3292	-24.7351	-20.1069	-17.0997	-24.852	-16.5023
-128	-23.5666	-22.0142	-27.5103	-20.9115	-25.8457	-18.6508	-17.1599	-24.0119	-15.9941
-127	-22.3099	-21.2935	-29.1149	-20.8694	-27.0023	-17.5032	-17.4501	-22.5258	-15.9145
-126	-21.1425	-20.5953	-29.9012	-20.9586	-28.0268	-16.7437	-17.9108	-21.0834	-16.2972
-125	-20.3789	-20.0903	-30.2531	-20.9797	-28.7011	-16.3776	-18.48	-19.9056	-17.0925
-124	-20.1276	-19.8981	-30.5898	-20.8769	-28.8818	-16.335	-19.1523	-18.9559	-18.1886
-123	-20.3886	-20.0775	-30.8025	-20.7097	-28.5474	-16.5049	-19.9729	-18.1129	-19.3993
-122	-21.1063	-20.6273	-30.4811	-20.553	-27.7022	-16.7355	-21.0443	-17.2689	-20.4726
-121	-22.179	-21.474	-29.4468	-20.4537	-26.4106	-16.8978	-22.4535	-16.3922	-21.178
-120	-23.4516	-22.456	-28.0074	-20.4377	-24.8873	-16.9085	-24.095	-15.5394	-21.3758
-119	-24.6734	-23.3132	-26.5623	-20.5095	-23.4003	-16.8091	-25.0957	-14.8021	-21.0245
-118	-25.4524	-23.7728	-25.3518	-20.6094	-22.116	-16.6884	-24.0127	-14.2722	-20.1562
-117	-25.4352	-23.709	-24.4461	-20.6069	-21.0929	-16.6757	-21.553	-13.9915	-18.9086
-116	-24.7315	-23.215	-23.7718	-20.3951	-20.3122	-16.8565	-19.197	-13.9471	-17.5122
-115	-23.8249	-22.5167	-23.1413	-20.0246	-19.7189	-17.2542	-17.404	-14.08	-16.1915
-114	-23.0902	-21.8516	-22.3661	-19.688	-19.2501	-17.7673	-16.1899	-14.2935	-15.1092
-113	-22.6658	-21.4004	-21.4203	-19.5811	-18.8536	-18.1989	-15.4534	-14.4569	-14.3342
-112	-22.5349	-21.2741	-20.4686	-19.8148	-18.5016	-18.3593	-15.0623	-14.5017	-13.848
-111	-22.6077	-21.5212	-19.7174	-20.414	-18.1895	-18.2797	-14.8654	-14.4552	-13.5948
-110	-22.7789	-22.1248	-19.301	-21.3136	-17.9265	-18.2103	-14.7169	-14.4373	-13.4808
-109	-22.9763	-22.981	-19.2685	-22.343	-17.726	-18.3823	-14.5363	-14.5737	-13.4165
-108	-23.2092	-23.8656	-19.5957	-23.204	-17.6095	-18.9267	-14.3272	-14.9527	-13.3476
-107	-23.5787	-24.46	-20.1779	-23.6037	-17.5673	-19.8184	-14.1477	-15.5866	-13.2784
-106	-24.255	-24.5237	-20.7948	-23.5319	-17.6049	-20.8951	-14.0317	-16.4093	-13.2365
-105	-25.4356	-24.0785	-21.1166	-23.2911	-17.699	-21.807	-13.9774	-17.2195	-13.2432
-104	-27.264	-23.32	-20.9001	-23.2133	-17.8309	-22.0749	-13.9488	-17.7187	-13.305
-103	-29.5554	-22.4597	-20.228	-23.4845	-17.9598	-21.4701	-13.8735	-17.6592	-13.3827
-102	-31.0347	-21.6731	-19.4065	-24.1138	-18.0361	-20.2938	-13.6805	-17.0612	-13.3934
-101	-30.551	-21.0874	-18.7007	-24.8675	-18.0204	-19.0332	-13.3214	-16.1839	-13.2398
-100	-29.6389	-20.7584	-18.2473	-25.1519	-17.8787	-18.0137	-12.8127	-15.2751	-12.8691
-99	-29.5777	-20.6474	-18.0815	-24.3964	-17.6026	-17.3778	-12.2534	-14.4862	-12.322
-98	-30.5261	-20.6134	-18.1852	-22.8649	-17.2226	-17.1434	-11.7656	-13.8751	-11.7525
-97	-31.6796	-20.4749	-18.4724	-21.2443	-16.8009	-17.2369	-11.452	-13.4394	-11.3051
-96	-31.1208	-20.1402	-18.8079	-19.946	-16.4329	-17.5269	-11.3737	-13.158	-11.0858
-95	-28.9404	-19.6778	-19.0454	-19.1153	-16.2128	-17.8666	-11.5286	-13.0107	-11.1255
-94	-26.7529	-19.2361	-19.1177	-18.786	-16.2282	-18.1378	-11.8846	-13.0004	-11.4014
-93	-25.0319	-18.9232	-19.0992	-18.9299	-16.5219	-18.3473	-12.361	-13.139	-11.8425
-92	-23.7625	-18.7813	-19.1574	-19.4528	-17.1116	-18.5582	-12.8522	-13.4482	-12.3347
-91	-22.9129	-18.8325	-19.4511	-20.1465	-17.9452	-18.8235	-13.2549	-13.9105	-12.744
-90	-22.4309	-19.0557	-20.0646	-20.6702	-18.928	-19.1503	-13.5035	-14.4766	-12.9873
-89	-22.0681	-19.3882	-20.9717	-20.6895	-19.8794	-19.5191	-13.5909	-15.031	-13.0429
-88	-21.3387	-19.6762	-21.9933	-20.1463	-20.5858	-19.8891	-13.5646	-15.4057	-12.9451
-87	-20.0189	-19.7282	-22.7967	-19.2725	-20.8868	-20.1606	-13.4832	-15.4636	-12.7522
-86	-18.5261	-19.5484	-23.0577	-18.3507	-20.7945	-20.1481	-13.3892	-15.1366	-12.5061
-85	-17.4141	-19.4316	-22.6422	-17.5673	-20.5024	-19.6918	-13.289	-14.501	-12.2168
-84	-16.9833	-19.7734	-21.5647	-17.0085	-20.2605	-18.8489	-13.17	-13.7185	-11.8749
-83	-17.3527	-20.9392	-19.9762	-16.6615	-20.2623	-17.8667	-13.0169	-12.9711	-11.4734
-82	-18.5687	-23.3302	-18.2123	-16.4394	-20.5974	-16.9743	-12.8371	-12.3941	-11.0375
-81	-20.4803	-27.4529	-16.6161	-16.2389	-21.2326	-16.2914	-12.6655	-12.0556	-10.6263
-80	-22.4977	-31.5142	-15.3965	-16.0491	-21.9868	-15.8665	-12.5727	-11.9825	-10.3307
-79	-23.746	-28.6915	-14.6288	-15.9794	-22.562	-15.7007	-12.6347	-12.1562	-10.2303
-78	-24.5362	-25.7679	-14.3162	-16.1983	-22.7188	-15.7843	-12.9051	-12.5203	-10.3751

-68	-23.3435	-28.2205	-17.0496	-15.3154	-20.8183	-20.6001	-15.6155	-14.7994	-12.5237
-67	-24.4721	-24.3067	-16.8036	-14.4762	-21.2991	-20.5205	-14.9621	-14.7266	-12.1708
-66	-24.3894	-22.3447	-16.5349	-14.0247	-21.4427	-20.0595	-14.5309	-14.567	-11.9504
-65	-23.2943	-21.777	-16.2907	-14.0256	-21.1864	-19.4085	-14.3634	-14.3509	-11.8437
-64	-21.2008	-22.2213	-16.0724	-14.454	-20.6238	-18.7529	-14.4538	-14.1215	-11.8213
-63	-18.8463	-23.3258	-15.8859	-15.1939	-19.9523	-18.2205	-14.7659	-13.9375	-11.8349
-62	-16.9613	-24.5573	-15.7707	-16.0624	-19.3847	-17.9047	-15.2247	-13.8427	-11.863
-61	-15.7974	-25.1406	-15.7954	-16.8032	-19.0614	-17.855	-15.7291	-13.8788	-11.9117
-60	-15.354	-24.53	-16.016	-17.238	-19.0457	-18.0841	-16.1523	-14.0606	-12.0056
-59	-15.5168	-22.8919	-16.4324	-17.3151	-19.3225	-18.5276	-16.3642	-14.366	-12.1872
-58	-16.1015	-20.8266	-16.9876	-17.0847	-19.7654	-19.0449	-16.3172	-14.7442	-12.4685
-57	-16.7909	-18.8555	-17.5509	-16.669	-20.1957	-19.4029	-16.0303	-15.0951	-12.8428
-56	-17.19	-17.2306	-17.973	-16.1972	-20.3311	-19.3974	-15.5934	-15.3236	-13.2721
-55	-16.9891	-16.0311	-18.109	-15.8025	-19.9496	-18.9685	-15.0844	-15.3347	-13.6676
-54	-16.1329	-15.2217	-17.8784	-15.5547	-19.0568	-18.2063	-14.5365	-15.087	-13.9254
-53	-14.8343	-14.7057	-17.3064	-15.4734	-17.8974	-17.2576	-13.9628	-14.6182	-13.9497
-52	-13.4173	-14.3628	-16.5232	-15.5175	-16.7636	-16.2594	-13.3621	-14.021	-13.713
-51	-12.1543	-14.061	-15.721	-15.6352	-15.8495	-15.3273	-12.7448	-13.4026	-13.2693
-50	-11.179	-13.7031	-15.0419	-15.7785	-15.2353	-14.5441	-12.1228	-12.8263	-12.7407
-49	-10.5295	-13.2436	-14.5762	-15.9321	-14.9245	-13.9423	-11.5208	-12.3178	-12.243
-48	-10.1614	-12.7057	-14.3306	-16.1146	-14.8776	-13.5198	-10.9679	-11.8635	-11.8542
-47	-9.98183	-12.1657	-14.2822	-16.3607	-15.0104	-13.2233	-10.4944	-11.4478	-11.5962
-46	-9.86549	-11.6795	-14.3561	-16.6705	-15.2174	-12.9882	-10.1129	-11.0596	-11.4381
-45	-9.69044	-11.2887	-14.4615	-16.9716	-15.3861	-12.7384	-9.82853	-10.7076	-11.3121
-44	-9.36988	-10.9755	-14.4951	-17.1038	-15.4346	-12.4118	-9.61082	-10.3936	-11.1438
-43	-8.89088	-10.6998	-14.3586	-16.8673	-15.3274	-11.9941	-9.42813	-10.1143	-10.8842
-42	-8.30501	-10.3896	-13.9983	-16.1986	-15.0686	-11.5057	-9.22924	-9.84255	-10.5129
-41	-7.68581	-9.98922	-13.4024	-15.2428	-14.6964	-10.9966	-8.97902	-9.54586	-10.0459
-40	-7.10603	-9.45454	-12.6041	-14.209	-14.2703	-10.5204	-8.66443	-9.19365	-9.50055
-39	-6.60828	-8.79102	-11.6504	-13.2569	-13.8344	-10.1203	-8.30736	-8.76463	-8.89988
-38	-6.2009	-8.04545	-10.6087	-12.4425	-13.4081	-9.81906	-7.94643	-8.26547	-8.27659
-37	-5.85689	-7.28522	-9.54518	-11.7625	-12.9997	-9.61682	-7.63921	-7.7336	-7.66469
-36	-5.53466	-6.57266	-8.53702	-11.1591	-12.6117	-9.4942	-7.43441	-7.22161	-7.09661
-35	-5.17985	-5.95419	-7.63952	-10.5599	-12.2417	-9.41957	-7.37008	-6.78761	-6.59187
-34	-4.75635	-5.44281	-6.88996	-9.89167	-11.9016	-9.35878	-7.46373	-6.47701	-6.16736
-33	-4.256	-5.02936	-6.29696	-9.12321	-11.5982	-9.29359	-7.70429	-6.31546	-5.82895
-32	-3.6976	-4.68193	-5.83879	-8.27349	-11.3296	-9.2186	-8.06578	-6.30059	-5.58407
-31	-3.12122	-4.35585	-5.47929	-7.39362	-11.0783	-9.14997	-8.49011	-6.40417	-5.43582
-30	-2.56781	-4.00164	-5.17671	-6.5412	-10.7842	-9.12516	-8.91806	-6.58329	-5.38303
-29	-2.07622	-3.57379	-4.8952	-5.76106	-10.3683	-9.19072	-9.29606	-6.79266	-5.42153
-28	-1.6756	-3.04999	-4.60743	-5.07564	-9.75666	-9.3833	-9.59352	-7.00599	-5.54498
-27	-1.3793	-2.43271	-4.28991	-4.49361	-8.92133	-9.70935	-9.8265	-7.2353	-5.74184
-26	-1.19149	-1.75338	-3.92332	-4.0138	-7.90145	-10.1191	-10.0374	-7.52119	-5.99995
-25	-1.10326	-1.06048	-3.4908	-3.61942	-6.78237	-10.474	-10.2952	-7.92377	-6.29931
-24	-1.09582	-0.40422	-2.99794	-3.28634	-5.65875	-10.5876	-10.6606	-8.49377	-6.62979
-23	-1.1378	0.17591	-2.46914	-2.98243	-4.60899	-10.3302	-11.1708	-9.25997	-6.99006
-22	-1.19173	0.643975	-1.93293	-2.67457	-3.69382	-9.74087	-11.8161	-10.2116	-7.40189
-21	-1.214	0.99366	-1.4104	-2.33195	-2.94371	-8.94604	-12.5125	-11.2842	-7.90243
-20	-1.16831	1.20425	-0.902848	-1.93744	-2.36764	-8.06322	-13.0988	-12.3659	-8.52298
-19	-1.03138	1.25953	-0.403176	-1.48447	-1.94719	-7.14933	-13.36	-13.3394	-9.28E+00
-18	-8.01E-01	1.29E+00	0.0920624	-9.82E-01	-1.64E+00	-6.23479	-1.32E+01	-1.41E+01	-1.01E+01
-17	-4.98E-01	1.24E+00	0.572778	-4.44E-01	-1.37E+00	-5.34E+00	-1.25E+01	-1.48E+01	-1.11E+01
-16	-1.52E-01	1.19E+00	1.01034	1.09E-01	-1.07E+00	-4.50E+00	-1.15E+01	-1.54E+01	-1.19E+01
-15	0.200815	1.20E+00	1.38011	6.62E-01	-6.90E-01	-3.74E+00	-1.02E+01	-1.57E+01	-1.27E+01
-14	0.535939	1.29663	1.65866	1.20022	-0.195367	-3.05521	-8.87163	-15.4965	-13.1549
-13	0.83286	1.47383	1.84311	1.70593	0.388553	-2.44937	-7.48155	-14.3313	-13.4202
-12	1.07708	1.70861	1.95263	2.17641	1.00791	-1.9038	-6.13988	-12.4262	-13.5174
-11	1.26626	1.92993	2.0011	2.60077	1.59577	-1.39652	-4.86467	-10.3562	-13.4716
-10	1.39182	2.09106	2.01888	2.97395	2.0902	-0.908471	-3.72914	-8.51889	-13.1396
-9	1.42926	2.13375	2.05125	3.27578	2.45053	-0.424676	-2.75702	-7.06216	-12.2345
-8	1.37748	2.02948	2.1097	3.48962	2.65647	0.0578856	-1.98479	-6.00821	-10.6977
-7	1.21654	1.78181	2.18994	3.60417	2.7145	0.529887	-1.42771	-5.2993	-8.85192
-6	0.944401	1.42252	2.29031	3.60662	2.67193	0.969465	-1.08206	-4.82294	-7.07909
-5	0.557928	1.01188	2.38062	3.50847	2.58449	1.35786	-0.915873	-4.41576	-5.57799
-4	0.0736949	0.654955	2.4268	3.31992	2.5241	1.67499	-0.857507	-3.91251	-4.40071
-3	-0.459537	0.434728	2.40375	3.07786	2.55514	1.91401	-0.810644	-3.23832	-3.52752
-2	-0.976914	0.387866	2.3022	2.83035	2.67801	2.08422	-0.680966	-2.45313	-2.89491
-1	-1.40299	0.478026	2.12294	2.63214	2.86523	2.19935	-0.416862	-1.68515	-2.41951
0	-1.6815	0.625701	1.89191	2.51104	3.06454	2.29422	-0.0415632	-1.04211	-2.00357
1	-1.8096	0.744114	1.6424	2.46585	3.21744	2.39472	0.374228	-0.573949	-1.56127
2	-1.84558	0.769993	1.40749	2.4602	3.29036	2.52036	0.757612	-0.27755	-1.04506
3	-1.87333	0.672275	1.20132	2.43798	3.27858	2.66788	1.03505	0.105581	-0.479257
4	-1.97409	0.453367	1.01192	2.34354	3.18353	2.79399	1.1904	0.0115138	0.0543038
5	-2.19485	0.148055	0.800397	2.15223	3.0427	2.85174	1.20577	0.14508	0.453625
6	-2.53716	-0.194462	0.519059	1.86342	2.88464	2.78266	1.13325	0.327918	0.614214
7	-2.95397	-0.537004	0.122135	1.50674	2.72422	2.55654	1.02191	0.529667	0.488858
8	-3.35637	-0.878733	-0.409873	1.15376	2.54608	2.17048	0.954214	0.685718	0.0561837
9	-3.64941	-1.2646	-1.06254	0.870581	2.31857	1.65939	0.966499	0.689054	-0.655019
10	-3.7848	-1.75582	-1.77551	0.693488	1.99117	1.12031	1.04135	0.473213	-1.5135
11	-3.77331	-2.40016	-2.44443	0.601257	1.52209	0.677221	1.10849	-0.0069898	-2.26965
12	-3.66767	-3.21153	-2.95484	0.531472	0.901053	0.435672	1.07933	-0.738756	-2.62215
13	-3.51297	-4.15835	-3.25755	0.411714	0.152217	0.406803	0.881527	-1.61687	-2.46887
14	-3.34771	-5.17696	-3.40061	0.179293	-0.659724	0.506724	0.464553	-2.40428	-2.01266
15	-3.22646	-6.18166	-3.50021	-0.217288	-1.43114	0.594353	-0.192581	-2.80387	-1.55647
16	-3.21514	-7.07395	-3.65827	-0.823775	-2.04764	0.531182	-1.08291	-2.71294	-1.33293
17	-3.37671	-7.7317	-3.91836	-1.67584	-2.45203	0.203256	-2.14727	-2.34534	-1.47762
18	-3.74502	-8.0323	-4.24705	-2.78458	-2.69059	-0.474854	-3.23365	-2.02193	-2.07145
19	-4.31837	-7.93418	-4.55103	-4.10857	-2.89505	-1.57588	-4.09037	-1.9652	-3.13457
20	-5.06E+00	-7.52E+00	-4.71956	-5.51225	-3.21184	-3.15459	-4.53088	-2.29814	-4.56043
21	-5.9189	-6.93875	-4.71219	-6.77569	-3.75108	-5.23784	-4.65646	-3.09538	-5.94346
22	-6.77714	-6.28005	-4.58905	-7.68168	-4.55833	-7.76278	-4.80975	-4.41442	-6.62933
23	-7.38375	-5.57979	-4.46223	-8.10707	-5.58588	-10.4653	-5.33045	-6.30379	-6.51633
24	-7.32961	-4.86422	-4.40596	-7.95401	-6.65446	-12.85	-6.47983	-8.76896	-6.27968
25	-6.42701	-4.18534	-4.39455	-7.13885	-7.43335	-14.6427	-8.53161	-11.608	-6.52678
26	-5.03735	-3.61439	-4.28976	-5.82798	-7.6345	-15.8588	-11.8817	-14.071	-7.5638
27	-3.65401	-3.20341	-3.89856	-4.38336	-7.25371	-15.5283	-16.6838	-15.1293	-9.50179
28	-2.54264	-2.96802	-3.12615	-3.08912	-6.50587	-12.996	-17.0592	-14.8126	-11.8032
29	-1.7777	-2.86662	-2.07835	-2.06961	-5.56507	-9.7864	-12.6035	-13.4604	-11.7104
30	-1.34178	-2.82269	-0.963758	-1.33292	-4.52452	-7.0602	-9.39894	-11.2292	-8.73668
31	-1.17568	-2.74465	0.0418213	-0.839936	-3.46204	-4.92701	-7.27509	-8.68589	-5.76251
32	-1.21184	-2.57146	0.837724	-0.516052	-2.46151	-3.32185	-5.76699	-6.38096	-3.50466
33	-1.37862	-2.30026	1.37913	-0.31132	-1.5965	-2.16892	-4.60644	-4.52395	-1.8939
34	-1.60909	-1.98483	1.65545	-0.173928	-0.919107	-1.40704	-3.65774	-3.14122	-0.814749
35	-1.83827	-1.70181	1.6773	-0.0749927	-0.4551				

45	-4.33446	-3.62436	-1.16893	-2.28285	-1.26825	-1.02099	-2.31889	-1.90053	-1.28899
46	-4.34904	-3.59455	-1.41309	-2.31982	-1.27993	-0.93119	-2.13187	-1.90386	-1.24689
47	-4.25235	-3.53134	-1.72658	-2.25348	-1.3506	-0.876936	-1.88574	-2.00905	-1.19297
48	-4.15264	-3.48787	-2.10663	-2.18565	-1.4951	-0.888608	-1.67086	-2.21132	-1.1845
49	-4.16777	-3.53109	-2.54413	-2.22801	-1.72357	-0.998533	-1.58198	-2.49155	-1.28172
50	-4.39649	-3.71469	-3.02936	-2.46851	-2.04616	-1.24166	-1.68977	-2.82915	-1.5454
51	-4.89881	-4.06625	-3.56436	-2.96246	-2.46834	-1.64725	-2.03759	-3.21097	-2.02978
52	-5.68519	-4.58235	-4.15925	-3.72723	-2.99776	-2.23517	-2.63697	-3.63699	-2.77571
53	-6.70661	-5.23338	-4.84304	-4.73754	-3.64514	-3.00642	-3.4627	-4.12581	-3.79137
54	-7.84854	-5.98792	-5.64508	-5.93302	-4.44065	-3.93661	-4.47179	-4.70189	-5.03835
55	-8.95316	-6.82993	-6.58907	-7.21269	-5.42077	-4.96563	-5.61529	-5.38793	-6.41046
56	-9.87675	-7.74283	-7.68008	-8.44976	-6.62364	-6.06004	-6.85801	-6.18792	-7.72421
57	-10.533	-8.65196	-8.88066	-9.48765	-8.05757	-6.95599	-8.16885	-7.07	-8.77887
58	-10.8929	-9.39281	-10.1042	-10.1601	-9.64778	-7.73271	-9.45368	-7.96326	-9.43697
59	-11.0036	-9.77003	-11.2065	-10.4255	-11.1806	-8.31308	-10.5081	-8.76683	-9.70062
60	-11.0228	-9.75707	-12.0251	-10.4314	-12.303	-8.74264	-11.0816	-9.39701	-9.66452
61	-11.1439	-9.55528	-12.4589	-10.4355	-12.7685	-9.1181	-11.112	-9.83587	-9.46283
62	-11.5095	-9.39835	-12.5376	-10.6152	-12.6779	-9.54734	-10.7837	-10.1079	-9.19012
63	-12.1233	-9.42719	-12.3951	-11.0126	-12.3474	-10.1018	-10.31	-10.2697	-8.87996
64	-12.8396	-9.68887	-12.1989	-11.5493	-12.0463	-10.8082	-9.83408	-10.3596	-8.53578
65	-13.4158	-10.1953	-12.1008	-12.0859	-11.9459	-11.6259	-9.4627	-10.4179	-8.20242
66	-13.7005	-10.9511	-12.2096	-12.5141	-12.139	-12.4895	-9.30622	-10.4769	-7.97912
67	-13.7657	-11.9684	-12.5815	-12.8304	-12.6496	-13.3386	-9.45843	-10.5706	-7.98425
68	-13.7493	-13.2164	-13.2473	-13.074	-13.4301	-14.1733	-9.96192	-10.7189	-8.31021
69	-13.7282	-14.5586	-14.1887	-13.2625	-14.3505	-15.0102	-10.7948	-10.9332	-8.99267
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71	-13.8927	-16.1578	-16.6386	-13.5379	-15.9927	-16.734	-12.9221	-11.5509	-11.2626
72	-14.3632	-16.0252	-17.9036	-13.8003	-16.6352	-17.6262	-13.9124	-11.934	-12.6187
73	-15.3597	-15.5852	-18.8049	-14.2968	-17.1506	-18.6497	-14.8743	-12.3397	-13.9373
74	-17.0542	-15.1536	-18.8604	-15.059	-17.3685	-19.8789	-16.0212	-12.718	-15.1086
75	-19.5307	-14.8813	-17.9258	-15.9891	-17.1253	-21.0612	-17.5392	-13.0214	-15.9432
76	-22.3304	-14.8704	-16.5319	-16.8863	-16.5529	-21.3514	-19.4516	-13.201	-16.1973
77	-23.3299	-15.1863	-15.2313	-17.4894	-15.9929	-20.3063	-21.4533	-13.2382	-15.8579
78	-21.559	-15.8906	-14.2778	-17.6357	-15.6857	-18.7751	-22.8298	-13.1521	-15.2565
79	-19.2049	-17.0007	-13.7346	-17.298	-15.7103	-17.5302	-23.1338	-12.9917	-14.738
80	-17.191	-18.4362	-13.5508	-16.5794	-16.011	-16.7815	-22.8248	-12.8335	-14.4611
81	-15.6238	-19.9521	-13.6452	-15.7165	-16.4651	-16.4815	-22.4975	-12.7427	-14.4309
82	-14.5343	-21.1712	-13.9252	-14.9601	-16.9592	-16.4985	-22.4291	-12.7758	-14.6122
83	-13.9354	-21.8803	-14.3256	-14.4822	-17.4155	-16.6743	-22.7296	-12.9679	-14.974
84	-13.8268	-22.2035	-14.8407	-14.3422	-17.8032	-16.8783	-23.4307	-13.3285	-15.5061
85	-14.1349	-22.3033	-15.5007	-14.5171	-18.1112	-17.0269	-24.4315	-13.8472	-16.2003
86	-14.7487	-22.1536	-16.3581	-14.9055	-18.3518	-17.1157	-25.4147	-14.5047	-16.9968
87	-15.5	-21.6833	-17.436	-15.3485	-18.591	-17.1569	-25.9566	-15.2567	-17.7789
88	-16.2243	-20.9595	-18.7008	-15.6456	-18.9187	-17.1402	-25.9413	-16.0422	-18.3961
89	-16.8345	-20.1301	-20.0345	-15.6372	-19.3746	-17.0262	-25.6073	-16.7648	-18.7799
90	-17.319	-19.3016	-21.2523	-15.3021	-19.8686	-16.7664	-25.1307	-17.302	-18.9563
91	-17.7205	-18.513	-22.1349	-14.7772	-20.1783	-16.3491	-24.5482	-17.5178	-18.9689
92	-18.062	-17.784	-22.5412	-14.2361	-20.1083	-15.818	-23.9516	-17.3385	-18.83
93	-18.3667	-17.1211	-22.51	-13.8241	-19.6956	-15.2781	-23.5254	-16.8104	-18.56
94	-18.6278	-16.5427	-22.2108	-13.5967	-19.1552	-14.8345	-23.402	-16.1058	-18.2401
95	-18.8195	-16.0801	-21.7901	-13.5414	-18.6779	-14.5719	-23.5716	-15.4336	-17.9897
96	-18.9233	-15.7588	-21.3065	-13.6022	-18.3592	-14.5313	-23.8638	-14.9492	-17.906
97	-18.9981	-15.6191	-20.7767	-13.7094	-18.2419	-14.7195	-24.0252	-14.7247	-18.0271
98	-19.1971	-15.6873	-20.2404	-13.829	-18.3453	-15.1075	-23.9191	-14.782	-18.319
99	-19.695	-15.9811	-19.7844	-13.9566	-18.6718	-15.6166	-23.6239	-15.0885	-18.6818
100	-20.5949	-16.4893	-19.4952	-14.126	-19.1812	-16.1468	-23.2865	-15.5885	-19.034
101	-21.8424	-17.1749	-19.4126	-14.3519	-19.7634	-16.5831	-22.974	-16.2021	-19.3447
102	-23.0997	-17.9583	-19.5083	-14.6323	-20.2418	-16.8722	-22.6783	-16.8173	-19.6365
103	-23.7972	-18.7332	-19.6842	-14.9474	-20.4526	-17.0395	-22.3819	-17.2641	-19.925
104	-23.7209	-19.3873	-19.7991	-15.2473	-20.3656	-17.1743	-22.0813	-17.3584	-20.1794
105	-23.2776	-19.8315	-19.7199	-15.4738	-20.0938	-17.3258	-21.7776	-17.0466	-20.3606
106	-22.8683	-20.0459	-19.3836	-15.5749	-19.7895	-17.5043	-21.4656	-16.4923	-20.4732
107	-22.586	-20.0747	-18.8382	-15.5398	-19.5564	-17.6739	-21.1455	-15.9509	-20.5411
108	-22.3408	-19.9873	-18.2198	-15.4235	-19.4257	-17.8218	-20.837	-15.6147	-20.5346
109	-22.0101	-19.8381	-17.6883	-15.3064	-19.3567	-17.9418	-20.5609	-15.5732	-20.3738
110	-21.5304	-19.6657	-17.3701	-15.2774	-19.2586	-18.0627	-20.3244	-15.8131	-20.052
111	-20.9482	-19.5189	-17.3251	-15.3849	-19.0492	-18.1897	-20.1117	-16.2567	-19.71
112	-20.386	-19.4602	-17.5637	-15.653	-18.7118	-18.3277	-19.9006	-16.7687	-19.535
113	-19.9856	-19.5466	-18.0046	-16.0689	-18.3061	-18.5317	-19.6775	-17.1675	-19.6258
114	-19.8406	-19.7897	-18.5242	-16.5726	-17.9108	-18.8827	-19.4421	-17.275	-19.9466
115	-19.9771	-20.1325	-18.9523	-17.0603	-17.571	-19.4339	-19.2138	-17.0338	-20.3769
116	-20.3339	-20.4348	-19.1453	-17.4346	-17.2873	-20.0927	-19.023	-16.5283	-20.8237
117	-20.7698	-20.5113	-19.0423	-17.6732	-17.0505	-20.534	-18.912	-15.9099	-21.3036
118	-21.0857	-20.2311	-18.6855	-17.8468	-16.8292	-20.3808	-18.9111	-15.3227	-21.8395
119	-21.1116	-19.6198	-18.2044	-18.0608	-16.5942	-19.6762	-19.0193	-14.8512	-22.2218
120	-20.8032	-18.8319	-17.7644	-18.3807	-16.317	-18.8405	-19.2005	-14.5287	-22.0306
121	-20.2708	-18.0496	-17.5104	-18.8082	-15.9643	-18.1987	-19.4033	-14.3353	-21.185
122	-19.7065	-17.4117	-17.5161	-19.2905	-15.5409	-17.8543	-19.5974	-14.23	-20.1256
123	-19.2953	-16.9872	-17.8025	-19.7339	-15.1119	-17.7714	-19.7841	-14.162	-19.2494
124	-19.1668	-16.7846	-18.3088	-20.0186	-14.7578	-17.8812	-19.9709	-14.1144	-18.6612
125	-19.3827	-16.7593	-18.9072	-20.0508	-14.5608	-18.0998	-20.1368	-14.0996	-18.301
126	-19.9337	-16.8226	-19.4404	-19.8536	-14.5497	-18.3548	-20.261	-14.1677	-18.1046
127	-20.7399	-16.8589	-19.7716	-19.6018	-14.7328	-18.5712	-20.3793	-14.3706	-18.0851
128	-21.6538	-16.7655	-19.8363	-19.5153	-15.0642	-18.6832	-20.6001	-14.7318	-18.3082
129	-22.51	-16.5053	-19.6766	-19.7668	-15.4734	-18.6936	-21.0493	-15.2392	-18.782
130	-23.2078	-16.1235	-19.4301	-20.4354	-15.8766	-18.6979	-21.7826	-15.8414	-19.3518
131	-23.7756	-15.7445	-19.2734	-21.4907	-16.1842	-18.7986	-22.7136	-16.4395	-19.7073
132	-24.3653	-15.5017	-19.3485	-22.7564	-16.3429	-19.0225	-23.5389	-16.9079	-19.656
133	-25.2157	-15.4902	-19.7083	-23.8215	-16.3437	-19.2214	-23.7804	-17.155	-19.3509
134	-26.6564	-15.7397	-20.2757	-24.1005	-16.2295	-19.1882	-23.1405	-17.1905	-19.0662
135	-29.15	-16.2046	-20.8213	-23.327	-16.0831	-18.8517	-21.8323	-17.1375	-18.9211
136	-33.0501	-16.7769	-21.0487	-21.8994	-15.9882	-18.3822	-20.3171	-17.1999	-18.8699
137	-34.0776	-17.2691	-20.8245	-20.3904	-16.0215	-18.0115	-18.9588	-17.5439	-18.8489
138	-29.5044	-17.4797	-20.2767	-19.1607	-16.2243	-17.8687	-17.9576	-18.2642	-18.8451
139	-25.9838	-17.3148	-19.6354	-18.3729	-16.5989	-17.9752	-17.387	-19.3576	-18.8614
140	-23.9297	-16.8694	-19.0993	-18.1009	-17.121	-18.3002	-17.2585	-20.6888	-18.798
141	-23.0131	-16.3789	-18.8205	-18.3724	-17.759	-18.7887	-17.5033	-21.9585	-18.4985
142	-23.1129	-16.0887	-18.8945	-19.2392	-18.4603	-19.3021	-17.9738	-22.7248	-17.9352
143	-24.261	-16.19	-19.2786	-20.7181	-19.0872	-19.5081	-18.4524	-22.4835	-17.272
144	-26.4303	-16.7595	-19.6507	-22.6417	-19.3755	-19.0216	-18.7162	-21.108	-16.6903
145	-28.0647	-17.7484	-19.429	-24.0735	-19.1039	-17.9237	-18.6662	-19.2066	-16.2483
146	-25.9021	-18.8339	-18.4437	-23.5649	-18.4252	-16.7224	-18.414	-17.4994	-15.9129
147	-22.5809	-19.4482	-17.216	-21.8734	-17.767	-15.8501	-18.1988	-16.3718	-15.6353
148	-20.1678	-19.344	-16.2931	-20.4653	-17.4895	-15.4983	-18.2837	-15.9582	-15.4588
149	-18.7309	-18.							

158	-19.0051	-14.802	-14.446	-15.9372	-14.067	-15.1593	-13.7035	-12.8757	-16.4086
159	-17.3874	-14.2199	-13.6172	-16.3613	-14.2155	-14.6699	-14.5632	-13.1356	-17.3894
160	-16.5751	-14.7838	-13.8436	-17.8862	-15.3462	-15.0563	-16.818	-14.5158	-19.0537
161	-16.16	-16.7237	-15.0951	-19.89	-17.5201	-16.0957	-21.0693	-17.0157	-20.6232
162	-15.8399	-20.4518	-17.1802	-19.8512	-20.0373	-17.0616	-23.4634	-18.9679	-19.6119
163	-15.5449	-24.2133	-18.9426	-17.6179	-20.1254	-16.7285	-18.356	-17.3516	-16.6486
164	-15.5108	-21.2118	-18.5124	-15.7883	-18.1536	-15.2556	-14.7136	-15.0439	-14.0344
165	-15.9925	-17.9198	-17.0645	-15.0318	-16.7226	-13.8251	-12.8165	-13.9917	-12.2437
166	-17.0525	-16.2639	-16.2112	-15.053	-16.157	-12.9753	-12.0681	-14.2898	-11.2007
167	-18.1068	-15.5428	-16.1748	-14.9955	-15.792	-12.789	-12.0165	-15.5385	-10.7784
168	-17.9425	-15.0415	-16.565	-13.9819	-14.7958	-13.2013	-12.1341	-16.1632	-10.8714
169	-16.7348	-14.3767	-16.6936	-12.4291	-13.3149	-14.1146	-11.9585	-14.7037	-11.405
170	-15.8764	-13.7874	-16.2472	-11.2982	-12.1218	-15.3926	-11.534	-12.8376	-12.3351
171	-16.17	-13.7471	-15.671	-11.0534	-11.7037	-16.7759	-11.3498	-11.9341	-13.5946
172	-18.1626	-14.5966	-15.4114	-11.9094	-12.2416	-17.6803	-11.8367	-12.2831	-14.8443
173	-22.9194	-16.3408	-15.4412	-14.0056	-13.7043	-17.394	-13.2583	-13.8713	-15.2188
174	-27.4415	-17.98	-15.3553	-17.0028	-15.4353	-16.1446	-15.503	-15.799	-14.2101
175	-20.711	-17.4507	-14.8708	-17.9396	-15.669	-14.8228	-17.0463	-15.1672	-12.6901
176	-16.9366	-15.86	-14.2804	-15.7843	-14.3413	-14.0056	-15.8036	-12.6878	-11.5314
177	-15.476	-15.1337	-14.1279	-14.1111	-13.3108	-13.9164	-13.7846	-10.9167	-11.0401
178	-15.5428	-15.8299	-14.7794	-13.7568	-13.3417	-14.6004	-12.534	-10.3266	-11.2244
179	-16.5883	-17.9633	-16.3871	-14.5533	-14.4741	-15.8877	-12.1339	-10.8708	-11.9014
Max Gain	1.429	2.134	2.427	3.607	3.290	2.852	1.206	0.689	0.614
30Dragee Max Gai	-1.176	-1.494	1.677	0.011	-0.173	-0.824	-1.391	-1.852	0.097