

Theta (deg)	5150 MHz	5350 MHz	5500 MHz	5700 MHz	5875 MHz
-180	-9.35649	-8.30575	-6.8332	-3.66503	-2.688
-179	-11.13584	-8.30088	-6.788	-5.09716	-3.61699
-178	-10.1377	-8.4948	-6.47159	-4.75185	-3.89142
-177	-9.71206	-8.33439	-6.68892	-5.6282	-4.06342
-176	-8.97612	-9.67527	-9.22062	-6.86435	-4.16833
-175	-11.70189	-9.3989	-9.44769	-6.8629	-5.52636
-174	-11.15246	-10.57187	-10.07115	-9.21114	-7.83928
-173	-12.94278	-12.96423	-13.34922	-11.19372	-11.35274
-172	-11.01193	-13.09787	-13.17578	-13.6922	-14.55783
-171	-11.43323	-16.31904	-19.47978	-15.58352	-14.46304
-170	-13.59871	-16.41508	-20.69918	-32.03392	-26.83639
-169	-13.83771	-14.56489	-21.55804	-27.06233	-19.63839
-168	-13.69667	-15.64478	-17.22104	-29.95062	-16.23636
-167	-14.03863	-12.70466	-13.80017	-16.83471	-16.67466
-166	-13.77878	-14.86361	-12.53363	-12.97356	-14.93232
-165	-12.67986	-12.89556	-11.92592	-11.96021	-15.79564
-164	-13.25604	-13.12475	-11.00744	-11.34269	-12.58918
-163	-12.94161	-13.71486	-13.00313	-10.78994	-10.42282
-162	-12.63135	-10.34915	-10.00387	-10.46756	-10.19621
-161	-13.41792	-10.86754	-9.73948	-11.10795	-12.28617
-160	-13.06894	-10.47719	-9.07225	-10.8595	-12.47512
-159	-11.97767	-9.55208	-11.2579	-12.92049	-17.31632
-158	-10.81681	-11.42438	-12.22775	-13.72179	-21.86273
-157	-11.77137	-12.65092	-11.6286	-12.45271	-15.11123
-156	-11.3721	-12.98498	-11.3157	-15.02971	-21.9118
-155	-10.98895	-12.04135	-11.89043	-14.94718	-23.24364
-154	-10.78114	-13.40921	-15.61814	-11.21717	-16.63387
-153	-11.88998	-14.06218	-14.81861	-12.22062	-11.1645
-152	-13.63039	-16.85105	-12.14714	-10.88775	-15.43328
-151	-13.20794	-16.37273	-13.80496	-10.34011	-9.85653
-150	-14.26484	-17.80653	-12.32174	-9.25321	-7.88839
-149	-14.58664	-17.27933	-11.42186	-8.73593	-9.11921
-148	-13.99923	-18.89893	-11.72873	-8.35416	-7.2556
-147	-15.25868	-18.83168	-11.33249	-7.93264	-9.0092
-146	-18.42545	-18.07817	-11.47832	-8.94611	-8.62566
-145	-16.85171	-15.51701	-10.1751	-7.89849	-7.08977
-144	-16.9786	-16.95743	-12.04966	-8.92443	-10.18722
-143	-17.48363	-17.80378	-10.03899	-8.63209	-10.06345
-142	-17.31482	-12.15741	-9.99559	-9.4701	-8.92555
-141	-17.46987	-12.64541	-10.88162	-9.33461	-12.04137
-140	-20.90452	-15.83907	-11.21216	-10.69679	-10.83367
-139	-20.31704	-16.32701	-11.50869	-10.94796	-16.86754
-138	-20.90426	-20.00582	-11.21934	-13.31562	-14.10958
-137	-19.91105	-15.29153	-11.99934	-12.13717	-15.67827
-136	-18.52832	-17.14918	-15.81723	-15.49033	-20.3381
-135	-38.00156	-17.857	-14.72481	-18.82451	-16.14769
-134	-22.97763	-19.80628	-16.91774	-23.11439	-18.15203
-133	-26.49298	-24.71935	-19.73464	-16.37719	-15.33563
-132	-23.74286	-19.91814	-22.55256	-17.76719	-13.88803
-131	-33.15542	-27.806	-25.92711	-15.33562	-13.03708
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-69	-12.37185	-28.37968	-10.21282	-7.20742	-7.31043
-68	-11.03123	-22.45161	-9.1707	-7.91123	-7.95972
-67	-9.34199	-19.15113	-12.88738	-8.91237	-8.23889
-66	-9.17707	-21.45897	-12.67004	-8.11	-9.19664
-65	-9.27043	-15.16581	-16.79073	-9.95427	-7.56917
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-63	-6.62723	-13.27978	-19.12184	-8.85378	-9.89458
-62	-7.50101	-8.5137	-18.57238	-10.0023	-10.02436
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-58	-3.74589	-6.53991	-12.29963	-12.43562	-10.37861
-57	-3.56772	-6.09981	-12.13968	-9.5106	-11.02352
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-54	-1.87551	-3.0755	-6.22052	-6.95392	-10.15914
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-52	-1.5521	-1.99325	-4.06181	-5.09792	-7.6733
-51	-1.33192	-2.21098	-3.29471	-4.36252	-7.47699
-50	-1.05087	-1.54441	-2.71769	-3.11193	-4.78626
-49	-1.01045	-0.45735	-2.60017	-2.00573	-3.82942
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-46	-1.01919	0.03787	-0.95932	-0.72311	-1.29788
-45	-1.06583	-0.69976	-1.12759	-0.68606	-1.18037
-44	-1.50783	-0.47486	-0.77139	-1.04299	-0.71659
-43	-1.95586	-0.69035	-0.48052	-0.32018	0.01082
-42	-2.85435	-0.65909	-1.1084	-0.31502	-0.06498
-41	-3.13999	-1.49884	-1.01302	-1.22506	-0.17713
-40	-3.41311	-1.68946	-1.53209	-0.99212	-0.46429
-39	-4.029	-2.86321	-1.57608	-1.81842	-0.79184
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-37	-5.32238	-3.40299	-3.54266	-3.09609	-2.05292
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-35	-4.36301	-4.16937	-3.18264	-4.71474	-3.94889
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-32	-2.93816	-2.00795	-2.92819	-5.52498	-10.44227
-31	-1.86163	-1.0091	-2.45908	-4.87843	-16.64996
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-29	-1.40572	-0.11665	-0.39103	-3.02282	-9.65071
-28	-1.08683	1.07138	0.16827	-1.30056	-8.20523
-27	-0.93556	1.10675	1.00348	-1.22679	-4.8814
-26	-0.95056	1.41412	1.26652	0.04341	-4.11267
-25	-1.39738	1.5495	1.49021	0.11148	-2.85021
-24	-2.05412	1.49213	1.86065	0.52118	-2.13354
-23	-2.6263	0.97127	1.3089	0.79956	-2.80674
-22	-4.06874	0.60252	1.02384	0.40403	-2.9717
-21	-5.76123	-0.17378	0.73744	-0.35077	-3.77898
-20	-7.74501	-1.43638	0.00633	-0.95935	-3.99383
-19	-8.75623	-2.23908	-1.57927	-3.49741	-7.00506
-18	-6.61805	-3.84187	-2.7826	-5.52282	-11.19855
-17	-3.71855	-3.33485	-4.83759	-10.73875	-13.2259
-16	-0.41785	-2.28476	-5.07219	-16.14456	-10.09637

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-13	5.62121	4.59783	2.21181	1.83859	3.24936
-12	7.08365	6.28019	4.33835	3.91107	5.73444
-11	8.34868	7.94552	6.58671	6.31006	7.54635
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-9	10.39289	10.3764	9.48532	9.35398	10.51932
-8	11.22505	11.40581	10.55069	10.84618	11.49219
-7	12.0626	12.2259	11.48812	11.78517	12.45577
-6	12.58889	12.93307	12.52165	12.68119	13.22151
-5	13.1692	13.66525	13.12559	13.40221	13.92189
-4	13.61192	14.18925	13.78195	13.89657	14.50501
-3	13.9686	14.65652	14.2457	14.40549	14.80142
-2	14.18319	14.99795	14.73547	14.78941	15.04343
-1	14.42292	15.20262	14.89697	14.9621	15.18729
0	14.49728	15.37594	15.12249	15.18812	15.3
1	14.5	15.38871	15.2	15.2	15.2761
2	14.46242	15.4	15.19876	15.02663	15.05457
3	14.26309	15.36597	15.04249	14.95714	14.83603
4	13.94507	15.1602	14.85574	14.61281	14.35692
5	13.78897	14.77475	14.5347	14.21596	13.82148
6	13.28387	14.43909	14.09921	13.64313	13.13172
7	12.76202	13.90814	13.56217	12.93424	12.25155
8	12.0901	13.26824	12.9823	12.10955	11.32678
9	11.2657	12.70037	12.11524	11.192	10.01005
10	10.49907	11.61846	11.2692	9.91637	8.47059
11	9.47384	10.8003	10.31124	8.57179	6.69546
12	8.24693	9.69415	9.03426	7.00563	4.6972
13	7.01041	8.57199	7.75688	4.58928	1.88504
14	5.35634	6.96565	5.8619	2.01203	-3.13701
15	3.52198	5.32273	4.19034	-2.13567	-10.68696
16	1.40219	3.65002	1.7675	-8.05468	-20.88835
17	-0.6045	1.79399	-0.52581	-16.0328	-7.62835
18	-3.17539	0.11451	-2.81781	-7.32135	-3.37688
19	-3.75934	-0.63183	-3.42529	-4.22369	-0.95646
20	-3.26134	-0.86769	-3.48271	-1.32974	0.67616
21	-1.83557	-0.56946	-1.26746	0.35305	1.55707
22	-0.97562	0.26439	0.29008	1.32215	1.62483
23	0.89168	1.23124	1.17345	1.91968	1.9426
24	1.7269	2.18499	1.36196	2.02405	2.04502
25	2.38118	2.80045	1.56742	1.833	1.5792
26	2.53978	3.18385	2.16094	1.28865	-0.37273
27	2.7704	3.29714	1.90752	0.58157	-1.29255
28	2.7904	2.72818	1.99528	-0.45245	-1.88291
29	2.92997	2.91579	0.97986	-1.44314	-5.46669
30	2.60759	2.37634	0.04942	-4.33894	-7.38753
31	2.14581	1.90843	-0.38249	-6.68206	-9.84346
32	1.51641	1.64535	-1.61429	-9.73236	-9.0852
33	1.19314	0.39854	-3.20042	-22.60325	-7.05783
34	0.09539	-0.96965	-5.82258	-17.52349	-4.37473
35	-0.26725	-1.83582	-8.52063	-12.00341	-2.61157
36	-1.64138	-3.94442	-12.078	-8.08674	-0.54867
37	-3.58001	-5.44888	-18.26101	-4.40813	0.8429
38	-4.4754	-8.16088	-18.15075	-2.08683	1.81202
39	-5.77359	-10.55835	-12.55475	-1.32036	2.05886
40	-7.47058	-13.03593	-8.6389	0.18032	2.48679

41	-9.31528	-13.83599	-5.94503	0.30707	2.9884
42	-12.42462	-10.77258	-5.38112	0.99845	2.99696
43	-14.02988	-9.70894	-3.64234	1.02319	2.982
44	-13.48534	-8.06674	-2.84773	1.40267	3.14618
45	-12.77293	-7.10457	-1.24356	1.2301	2.904
46	-11.51633	-6.12147	-1.33003	1.74812	2.34853
47	-9.77214	-4.89159	-1.37219	1.77816	2.07266
48	-9.04963	-4.451	-1.229	1.17052	1.29625
49	-8.16747	-4.15337	-0.83682	0.79422	0.42264
50	-6.88691	-3.48798	-1.24025	-0.12515	0.15741
51	-6.98067	-3.06033	-1.80963	-0.46548	-0.63901
52	-6.56488	-3.3729	-1.79363	-1.06141	-1.59681
53	-5.51633	-3.40907	-2.70215	-2.29035	-4.06238
54	-5.56097	-3.39568	-3.41055	-3.78895	-4.7411
55	-5.51677	-3.91077	-4.65197	-4.55634	-6.04779
56	-6.34769	-3.90854	-4.29157	-6.0465	-9.89011
57	-5.23421	-4.52172	-5.01859	-6.66121	-10.81916
58	-6.15479	-5.34363	-7.14011	-10.29376	-16.64689
59	-6.43804	-5.95124	-9.17235	-11.55835	-27.73342
60	-6.22236	-6.45479	-9.95459	-14.97166	-22.05778
61	-6.16701	-7.36936	-10.52234	-17.53509	-15.31525
62	-7.24188	-7.81326	-12.9331	-15.67209	-13.36412
63	-7.26288	-7.70875	-12.55642	-19.86507	-12.22431
64	-7.54502	-9.21641	-14.1327	-19.69635	-11.12017
65	-8.86378	-9.83103	-18.18985	-13.90819	-9.32219
66	-8.80439	-12.392	-21.46821	-13.19298	-7.74338
67	-9.48359	-11.92699	-22.31817	-11.46904	-7.68113
68	-9.74519	-12.4089	-21.42918	-10.18854	-5.90222
69	-9.94963	-17.26085	-19.20657	-9.64908	-5.36669
70	-11.33889	-17.47745	-20.71152	-9.4745	-4.49643
71	-9.96426	-14.6942	-20.73225	-10.01562	-5.37074
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