

Annex A

Conducted Spurious Emissions

- 1_ Output Power at LPF Input Coupler _coupled port
- 2_ Measurement Bandwidth Correction Factor
 (Attenuation (dB) = $10 \cdot \log(\text{BW alternate}/500)$
 MBCF (dB) = $10 \cdot \log(6000/500) = 10.79 \text{ dB}$
- 3_ Lowpass Filter Input Coupler _coupled port Insertion Loss
- 4_ Corrected Power at LPF Input
 Corrected Power (dBm) = Output Power before LPF (dBm) + MBCF (dB) + Input Test Coupler Insertion Loss (dB)
- 5_ Lowpass Filter Insertion Loss
- 6_ Mask Filter Insertion Loss
- 7_ Conducted Spurious Signal Level
 Final Signal Level (dBm) = Corrected Power (dBm) + Lowpass Filter Insertion Loss (dB) + Mask Filter Insertion Loss (dB)
- 8_ Reference Level
 Reference Level (dBm) = Channel Power (dBm)
- 9_ Final Conducted Spurious Signal Level
 Final Conducted Spurious Signal Level (dBm) = Conducted Spurious Signal Level (dBm) - Reference Level (dBm)

Table 1
536 – 554 MHz

Freq	1	2	3	4	5	6	7	8	9	Limit	Margin
MHz	dBm	dB	dB	dBm	dB	dB	dB	dBm	dBm	dBc	dB
536.000	-50.452	-10.790	-55.828	-5.414	-0.310	-66.835	-72.559	66.435	-138.994	-110.400	-28.594
536.045	-50.711	-10.790	-55.851	-5.650	-0.226	-66.817	-72.693	66.435	-139.128	-109.883	-29.245
536.090	-50.787	-10.790	-55.773	-5.805	-0.122	-68.971	-74.898	66.435	-141.333	-109.365	-31.968
536.135	-50.445	-10.790	-55.827	-5.408	-0.124	-72.039	-77.570	66.435	-144.005	-108.848	-35.158
536.180	-50.282	-10.790	-55.859	-5.213	-0.123	-75.140	-80.476	66.435	-146.911	-108.330	-38.581
536.225	-50.523	-10.790	-55.862	-5.451	-0.120	-72.948	-78.519	66.435	-144.954	-107.813	-37.141
536.270	-50.823	-10.790	-55.895	-5.719	-0.116	-70.125	-75.960	66.435	-142.395	-107.295	-35.100
536.315	-50.618	-10.790	-55.759	-5.650	-0.120	-67.323	-73.092	66.435	-139.527	-106.777	-32.750
536.360	-50.184	-10.790	-55.783	-5.191	-0.119	-65.381	-70.692	66.435	-137.127	-106.260	-30.867
536.405	-50.549	-10.790	-55.842	-5.498	-0.124	-63.455	-69.077	66.435	-135.512	-105.743	-29.769
536.450	-50.159	-10.790	-55.851	-5.098	-0.114	-61.991	-67.203	66.435	-133.638	-105.225	-28.413
536.495	-49.855	-10.790	-55.791	-4.854	-0.120	-60.682	-65.656	66.435	-132.091	-104.708	-27.384
536.540	-49.448	-10.790	-55.825	-4.413	-0.126	-59.451	-63.990	66.435	-130.425	-104.190	-26.235
536.585	-49.551	-10.790	-55.780	-4.562	-0.123	-58.310	-62.994	66.435	-129.429	-103.673	-25.757
536.630	-50.030	-10.790	-55.794	-5.027	-0.131	-57.342	-62.499	66.435	-128.934	-103.155	-25.779
536.675	-49.890	-10.790	-55.879	-4.801	-0.125	-56.365	-61.291	66.435	-127.726	-102.638	-25.088
536.720	-50.102	-10.790	-55.799	-5.093	-0.134	-55.507	-60.734	66.435	-127.169	-102.120	-25.049
536.765	-49.721	-10.790	-55.851	-4.660	-0.131	-54.638	-59.429	66.435	-125.864	-101.603	-24.261
536.810	-50.128	-10.790	-55.793	-5.125	-0.134	-53.968	-59.226	66.435	-125.661	-101.085	-24.576

536.855	-50.102	-10.790	-55.859	-5.033	-0.122	-53.173	-58.328	66.435	-124.763	-100.568	-24.196
536.900	-49.692	-10.790	-55.862	-4.621	-0.130	-52.490	-57.240	66.435	-123.675	-100.050	-23.625
536.945	-49.596	-10.790	-55.849	-4.538	-0.124	-51.739	-56.401	66.435	-122.836	-99.532	-23.304
536.990	-49.304	-10.790	-55.842	-4.253	-0.123	-51.150	-55.526	66.435	-121.961	-99.015	-22.946
537.035	-49.235	-10.790	-55.790	-4.235	-0.120	-50.490	-54.845	66.435	-121.280	-98.498	-22.783
537.080	-49.381	-10.790	-55.792	-4.379	-0.123	-49.902	-54.404	66.435	-120.839	-97.980	-22.859
537.125	-49.100	-10.790	-55.811	-4.078	-0.124	-49.376	-53.579	66.435	-120.014	-97.463	-22.551
537.170	-48.682	-10.790	-55.842	-3.630	-0.125	-48.804	-52.559	66.435	-118.994	-96.945	-22.049
537.215	-49.001	-10.790	-55.835	-3.956	-0.127	-48.241	-52.324	66.435	-118.759	-96.427	-22.331
537.260	-49.002	-10.790	-55.823	-3.969	-0.124	-47.714	-51.807	66.435	-118.242	-95.910	-22.332
537.305	-49.006	-10.790	-55.783	-4.014	-0.122	-47.157	-51.293	66.435	-117.728	-95.393	-22.335
537.350	-49.455	-10.790	-55.809	-4.436	-0.123	-46.682	-51.241	66.435	-117.676	-94.875	-22.801
537.395	-49.408	-10.790	-55.812	-4.385	-0.120	-46.191	-50.697	66.435	-117.132	-94.358	-22.774
537.440	-48.619	-10.790	-55.817	-3.592	-0.130	-45.709	-49.430	66.435	-115.865	-93.840	-22.025
537.485	-48.249	-10.790	-55.790	-3.249	-0.126	-45.262	-48.638	66.435	-115.073	-93.322	-21.750
537.530	-47.414	-10.790	-55.817	-2.387	-0.126	-44.751	-47.264	66.435	-113.699	-92.805	-20.894
537.575	-47.933	-10.790	-55.723	-3.001	-0.127	-44.298	-47.425	66.435	-113.860	-92.287	-21.572
537.620	-48.815	-10.790	-55.770	-3.835	-0.124	-43.855	-47.814	66.435	-114.249	-91.770	-22.479
537.665	-48.061	-10.790	-55.794	-3.057	-0.122	-43.418	-46.597	66.435	-113.032	-91.253	-21.779
537.710	-47.884	-10.790	-55.798	-2.876	-0.118	-43.007	-46.001	66.435	-112.436	-90.735	-21.701
537.755	-48.336	-10.790	-55.836	-3.289	-0.122	-42.572	-45.984	66.435	-112.419	-90.218	-22.201
537.800	-48.066	-10.790	-55.861	-2.995	-0.113	-42.139	-45.247	66.435	-111.682	-89.700	-21.982
537.845	-47.433	-10.790	-55.793	-2.430	-0.117	-41.714	-44.261	66.435	-110.696	-89.182	-21.513
537.890	-47.720	-10.790	-55.880	-2.630	-0.120	-41.305	-44.056	66.435	-110.491	-88.665	-21.826
537.935	-47.396	-10.790	-55.821	-2.365	-0.120	-40.924	-43.409	66.435	-109.844	-88.148	-21.696
537.980	-47.626	-10.790	-55.803	-2.613	-0.116	-40.501	-43.230	66.435	-109.665	-87.630	-22.035
538.025	-47.500	-10.790	-55.864	-2.426	-0.124	-40.129	-42.678	66.435	-109.113	-87.113	-22.001
538.070	-47.735	-10.790	-55.821	-2.704	-0.120	-39.726	-42.551	66.435	-108.986	-86.595	-22.391
538.115	-47.730	-10.790	-55.814	-2.706	-0.117	-39.331	-42.154	66.435	-108.589	-86.077	-22.512
538.160	-46.994	-10.790	-55.811	-1.973	-0.124	-38.937	-41.034	66.435	-107.469	-85.560	-21.909
538.205	-47.039	-10.790	-55.829	-2.000	-0.120	-38.564	-40.684	66.435	-107.119	-85.042	-22.076
538.250	-46.901	-10.790	-55.868	-1.823	-0.114	-38.185	-40.122	66.435	-106.557	-84.525	-22.032
538.295	-47.144	-10.790	-55.811	-2.124	-0.122	-37.808	-40.054	66.435	-106.489	-84.008	-22.482
538.340	-47.444	-10.790	-55.815	-2.419	-0.133	-37.444	-39.996	66.435	-106.431	-83.490	-22.941
538.385	-47.035	-10.790	-55.730	-2.095	-0.129	-37.087	-39.311	66.435	-105.746	-82.973	-22.773
538.430	-46.978	-10.790	-55.813	-1.956	-0.127	-36.708	-38.790	66.435	-105.225	-82.455	-22.770
538.475	-47.644	-10.790	-55.832	-2.602	-0.123	-36.323	-39.048	66.435	-105.483	-81.937	-23.545
538.520	-46.985	-10.790	-55.846	-1.928	-0.124	-35.959	-38.010	66.435	-104.445	-81.420	-23.025
538.565	-47.042	-10.790	-55.889	-1.943	-0.121	-35.595	-37.659	66.435	-104.094	-80.902	-23.192
538.610	-47.043	-10.790	-55.797	-2.036	-0.126	-35.260	-37.422	66.435	-103.857	-80.385	-23.472

538.655	-47.136	-10.790	-55.785	-2.141	-0.129	-34.880	-37.151	66.435	-103.586	-79.868	-23.718
538.700	-46.902	-10.790	-55.854	-1.838	-0.128	-34.528	-36.494	66.435	-102.929	-79.350	-23.579
538.745	-46.515	-10.790	-55.807	-1.498	-0.126	-34.166	-35.790	66.435	-102.225	-78.832	-23.392
538.790	-46.500	-10.790	-55.850	-1.440	-0.126	-33.835	-35.401	66.435	-101.836	-78.315	-23.521
538.835	-46.259	-10.790	-55.839	-1.210	-0.131	-33.466	-34.807	66.435	-101.242	-77.797	-23.444
538.880	-46.290	-10.790	-55.837	-1.243	-0.129	-33.122	-34.494	66.435	-100.929	-77.280	-23.649
538.925	-46.440	-10.790	-55.854	-1.376	-0.141	-32.788	-34.306	66.435	-100.741	-76.763	-23.978
538.970	-45.984	-10.790	-55.835	-0.938	-0.129	-32.416	-33.483	66.435	-99.918	-76.245	-23.673
539.015	-45.298	-10.790	-55.792	-0.296	-0.130	-32.082	-32.508	66.435	-98.943	-75.728	-23.215
539.060	-46.797	-10.790	-55.825	-1.762	-0.131	-31.735	-33.628	66.435	-100.063	-75.210	-24.853
539.105	-46.063	-10.790	-55.834	-1.020	-0.129	-31.403	-32.551	66.435	-98.986	-74.692	-24.294
539.150	-45.555	-10.790	-55.857	-0.488	-0.127	-31.052	-31.668	66.435	-98.103	-74.175	-23.928
539.195	-45.710	-10.790	-55.814	-0.686	-0.125	-30.715	-31.526	66.435	-97.961	-73.657	-24.303
539.240	-45.046	-10.790	-55.847	0.011	-0.127	-30.381	-30.498	66.435	-96.933	-73.140	-23.793
539.285	-44.579	-10.790	-55.772	0.403	-0.129	-30.042	-29.769	66.435	-96.204	-72.623	-23.581
539.330	-44.806	-10.790	-55.864	0.268	-0.127	-29.710	-29.569	66.435	-96.004	-72.105	-23.899
539.375	-45.595	-10.790	-55.903	-0.482	-0.136	-29.376	-29.994	66.435	-96.429	-71.588	-24.841
539.420	-45.088	-10.790	-55.828	-0.050	-0.131	-29.056	-29.237	66.435	-95.672	-71.070	-24.602
539.465	-45.292	-10.790	-55.808	-0.274	-0.127	-28.728	-29.129	66.435	-95.564	-70.552	-25.011
539.510	-44.622	-10.790	-55.796	0.384	-0.130	-28.400	-28.145	66.435	-94.580	-70.035	-24.545
539.555	-45.121	-10.790	-55.839	-0.072	-0.131	-28.074	-28.276	66.435	-94.711	-69.518	-25.194
539.600	-45.574	-10.790	-55.840	-0.524	-0.133	-27.757	-28.413	66.435	-94.848	-69.000	-25.848
539.645	-45.722	-10.790	-55.783	-0.729	-0.136	-27.432	-28.297	66.435	-94.732	-68.483	-26.250
539.690	-45.102	-10.790	-55.784	-0.107	-0.131	-27.120	-27.358	66.435	-93.793	-67.965	-25.828
539.735	-45.016	-10.790	-55.856	0.051	-0.140	-26.789	-26.878	66.435	-93.313	-67.447	-25.866
539.780	-43.878	-10.790	-55.847	1.179	-0.135	-26.483	-25.439	66.435	-91.874	-66.930	-24.944
539.825	-44.166	-10.790	-55.721	0.765	-0.133	-26.177	-25.544	66.435	-91.979	-66.412	-25.567
539.870	-44.139	-10.790	-55.782	0.853	-0.137	-25.877	-25.162	66.435	-91.597	-65.895	-25.702
539.915	-44.882	-10.790	-55.858	0.186	-0.135	-25.573	-25.522	66.435	-91.957	-65.378	-26.579
539.960	-44.761	-10.790	-55.813	0.262	-0.135	-25.269	-25.142	66.435	-91.577	-64.860	-26.717
540.005	-44.211	-10.790	-55.814	0.813	-0.133	-24.993	-24.313	66.435	-90.748	-64.343	-26.406
540.050	-44.034	-10.790	-55.814	0.990	-0.134	-24.700	-23.845	66.435	-90.280	-63.825	-26.455
540.095	-44.453	-10.790	-55.794	0.551	-0.138	-24.426	-24.013	66.435	-90.448	-63.307	-27.141
540.140	-44.238	-10.790	-55.844	0.816	-0.139	-24.153	-23.476	66.435	-89.911	-62.790	-27.121
540.185	-44.451	-10.790	-55.817	0.575	-0.141	-23.907	-23.473	66.435	-89.908	-62.273	-27.635
540.230	-43.167	-10.790	-55.835	1.878	-0.135	-23.660	-21.917	66.435	-88.352	-61.755	-26.597
540.275	-44.185	-10.790	-55.841	0.865	-0.131	-23.409	-22.675	66.435	-89.110	-61.238	-27.872
540.320	-44.244	-10.790	-55.805	0.772	-0.134	-23.199	-22.562	66.435	-88.997	-60.720	-28.277
540.365	-43.622	-10.790	-55.747	1.335	-0.139	-22.982	-21.786	66.435	-88.221	-60.202	-28.019
540.410	-43.911	-10.790	-55.904	1.203	-0.139	-22.784	-21.720	66.435	-88.155	-59.685	-28.470

540.455	-43.679	-10.790	-55.810	1.341	-0.141	-22.619	-21.419	66.435	-87.854	-59.167	-28.686
540.500	-43.690	-10.790	-55.835	1.355	-0.144	-22.477	-21.266	66.435	-87.701	-58.650	-29.051
540.545	-43.939	-10.790	-55.834	1.105	-0.142	-22.366	-21.404	66.435	-87.839	-58.133	-29.707
540.590	-44.639	-10.790	-55.787	0.358	-0.141	-22.286	-22.069	66.435	-88.504	-57.615	-30.889
540.635	-43.840	-10.790	-55.816	1.186	-0.141	-22.255	-21.210	66.435	-87.645	-57.098	-30.547
540.680	-44.027	-10.790	-55.819	1.003	-0.141	-22.249	-21.388	66.435	-87.823	-56.580	-31.243
540.725	-42.985	-10.790	-55.828	2.054	-0.143	-22.274	-20.363	66.435	-86.798	-56.062	-30.736
540.770	-42.540	-10.790	-55.802	2.473	-0.144	-22.365	-20.036	66.435	-86.471	-55.545	-30.926
540.815	-42.247	-10.790	-55.777	2.740	-0.140	-22.538	-19.937	66.435	-86.372	-55.027	-31.345
540.860	-42.496	-10.790	-55.785	2.499	-0.141	-22.813	-20.455	66.435	-86.890	-54.510	-32.380
540.905	-43.148	-10.790	-55.821	1.884	-0.136	-23.233	-21.485	66.435	-87.920	-53.993	-33.928
540.950	-42.176	-10.790	-55.849	2.883	-0.150	-23.844	-21.111	66.435	-87.546	-53.475	-34.071
540.995	-43.598	-10.790	-55.830	1.442	-0.147	-24.710	-23.416	66.435	-89.851	-52.957	-36.893
541.040	-43.069	-10.790	-55.821	1.962	-0.140	-25.940	-24.118	66.435	-90.553	-52.440	-38.113
541.085	-42.016	-10.790	-55.762	2.955	-0.148	-27.736	-24.929	66.435	-91.364	-51.922	-39.442
541.130	-41.330	-10.790	-55.760	3.640	-0.140	-30.309	-26.809	66.435	-93.244	-51.405	-41.839
541.175	-41.657	-10.790	-55.816	3.369	-0.138	-27.225	-23.994	66.435	-90.429	-50.888	-39.542
541.220	-41.758	-10.790	-55.843	3.295	-0.148	-22.865	-19.718	66.435	-86.153	-50.370	-35.783
541.265	-42.164	-10.790	-55.727	2.772	-0.138	-19.223	-16.589	66.435	-83.024	-49.853	-33.172
541.310	-42.715	-10.790	-55.891	2.386	-0.138	-16.099	-13.851	66.435	-80.286	-49.335	-30.951
541.355	-42.628	-10.790	-55.781	2.363	-0.139	-13.354	-11.130	66.435	-77.565	-48.817	-28.748
541.400	-43.041	-10.790	-55.820	1.989	-0.140	-10.916	-9.067	66.435	-75.502	-48.300	-27.202
541.445	-42.733	-10.790	-55.828	2.305	-0.141	-8.751	-6.586	66.435	-73.021	-47.782	-25.239
541.490	-41.819	-10.790	-55.863	3.254	-0.146	-6.860	-3.752	66.435	-70.187	-47.265	-22.922
541.535	-41.857	-10.790	-55.693	3.046	-0.140	-5.255	-2.349	66.435	-68.784	-46.748	-22.036
541.580	-41.362	-10.790	-55.820	3.668	-0.139	-3.955	-0.426	66.435	-66.861	-46.230	-20.631
541.625	-41.813	-10.790	-55.845	3.242	-0.142	-2.941	0.158	66.435	-66.277	-45.713	-20.564
541.670	-42.416	-10.790	-55.867	2.661	-0.141	-2.190	0.330	66.435	-66.105	-45.195	-20.910
541.715	-41.709	-10.790	-55.853	3.355	-0.141	-1.657	1.556	66.435	-64.879	-44.677	-20.202
541.760	-41.718	-10.790	-55.814	3.307	-0.137	-1.297	1.873	66.435	-64.562	-44.160	-20.402
541.805	-40.934	-10.790	-55.822	4.099	-0.138	-1.063	2.897	66.435	-63.538	-43.643	-19.896
541.850	-41.508	-10.790	-55.804	3.505	-0.142	-0.896	2.468	66.435	-63.967	-43.125	-20.842
541.895	-41.877	-10.790	-55.893	3.226	-0.139	-0.790	2.297	66.435	-64.138	-42.608	-21.531
541.940	-36.327	-10.790	-55.868	8.751	-0.145	-0.718	7.888	66.435	-58.547	-42.090	-16.457
541.985	-25.478	-10.790	-55.841	19.573	-0.140	-0.672	18.760	66.435	-47.675	-41.572	-6.102
542.030	In - Band Exclusion (542 - 548 MHz)										
548.960											
549.005	-41.699	-10.790	-55.736	3.247	-0.113	-23.380	-20.246	66.435	-86.681	-52.957	-33.723
549.050	-42.410	-10.790	-55.744	2.544	-0.104	-22.399	-19.960	66.435	-86.395	-53.475	-32.920
549.095	-43.609	-10.790	-55.837	1.438	-0.106	-21.731	-20.399	66.435	-86.834	-53.993	-32.841

549.140	-42.910	-10.790	-55.819	2.119	-0.114	-21.277	-19.272	66.435	-85.707	-54.510	-31.197
549.185	-42.346	-10.790	-55.808	2.672	-0.116	-20.958	-18.401	66.435	-84.836	-55.027	-29.809
549.230	-42.311	-10.790	-55.882	2.781	-0.117	-20.759	-18.094	66.435	-84.529	-55.545	-28.984
549.275	-42.416	-10.790	-55.843	2.637	-0.119	-20.666	-18.148	66.435	-84.583	-56.062	-28.521
549.320	-42.334	-10.790	-55.889	2.765	-0.122	-20.633	-17.990	66.435	-84.425	-56.580	-27.845
549.365	-42.851	-10.790	-55.842	2.200	-0.114	-20.616	-18.530	66.435	-84.965	-57.098	-27.868
549.410	-43.184	-10.790	-55.807	1.833	-0.121	-20.647	-18.935	66.435	-85.370	-57.615	-27.755
549.455	-43.217	-10.790	-55.850	1.843	-0.122	-20.724	-19.003	66.435	-85.438	-58.133	-27.306
549.500	-43.669	-10.790	-55.803	1.344	-0.126	-20.837	-19.619	66.435	-86.054	-58.650	-27.404
549.545	-43.633	-10.790	-55.802	1.379	-0.124	-20.976	-19.722	66.435	-86.157	-59.167	-26.989
549.590	-44.088	-10.790	-55.761	0.883	-0.117	-21.133	-20.367	66.435	-86.802	-59.685	-27.117
549.635	-43.454	-10.790	-55.891	1.647	-0.127	-21.338	-19.818	66.435	-86.253	-60.202	-26.050
549.680	-43.549	-10.790	-55.877	1.537	-0.131	-21.541	-20.134	66.435	-86.569	-60.720	-25.849
549.725	-43.447	-10.790	-55.868	1.631	-0.120	-21.766	-20.255	66.435	-86.690	-61.238	-25.452
549.770	-44.003	-10.790	-55.858	1.065	-0.127	-21.999	-21.062	66.435	-87.497	-61.755	-25.742
549.815	-45.004	-10.790	-55.859	0.064	-0.124	-22.247	-22.307	66.435	-88.742	-62.273	-26.470
549.860	-45.410	-10.790	-55.874	-0.327	-0.131	-22.512	-22.969	66.435	-89.404	-62.790	-26.614
549.905	-44.238	-10.790	-55.856	0.828	-0.132	-22.777	-22.081	66.435	-88.516	-63.307	-25.209
549.950	-43.598	-10.790	-55.917	1.529	-0.125	-23.058	-21.655	66.435	-88.090	-63.825	-24.265
549.995	-42.751	-10.790	-55.854	2.313	-0.133	-23.337	-21.157	66.435	-87.592	-64.343	-23.250
550.040	-44.517	-10.790	-55.880	0.573	-0.134	-23.629	-23.191	66.435	-89.626	-64.860	-24.766
550.085	-44.976	-10.790	-55.905	0.140	-0.132	-23.914	-23.907	66.435	-90.342	-65.378	-24.964
550.130	-44.703	-10.790	-55.886	0.393	-0.139	-24.218	-23.964	66.435	-90.399	-65.895	-24.504
550.175	-45.390	-10.790	-55.833	-0.347	-0.138	-24.515	-25.001	66.435	-91.436	-66.412	-25.023
550.220	-44.921	-10.790	-55.827	0.115	-0.138	-24.825	-24.847	66.435	-91.282	-66.930	-24.352
550.265	-44.072	-10.790	-55.870	1.009	-0.127	-25.130	-24.248	66.435	-90.683	-67.447	-23.236
550.310	-43.701	-10.790	-55.821	1.330	-0.138	-25.442	-24.251	66.435	-90.686	-67.965	-22.721
550.355	-44.377	-10.790	-55.819	0.652	-0.150	-25.759	-25.257	66.435	-91.692	-68.483	-23.209
550.400	-45.155	-10.790	-55.815	-0.130	-0.151	-26.083	-26.364	66.435	-92.799	-69.000	-23.799
550.445	-45.015	-10.790	-55.842	0.038	-0.154	-26.405	-26.520	66.435	-92.955	-69.518	-23.438
550.490	-45.129	-10.790	-55.797	-0.122	-0.159	-26.720	-27.001	66.435	-93.436	-70.035	-23.401
550.535	-45.017	-10.790	-55.868	0.062	-0.152	-27.043	-27.133	66.435	-93.568	-70.552	-23.015
550.580	-45.065	-10.790	-55.901	0.045	-0.156	-27.357	-27.468	66.435	-93.903	-71.070	-22.833
550.625	-44.791	-10.790	-55.882	0.301	-0.159	-27.676	-27.534	66.435	-93.969	-71.588	-22.381
550.670	-45.492	-10.790	-55.888	-0.394	-0.162	-28.000	-28.555	66.435	-94.990	-72.105	-22.885
550.715	-45.625	-10.790	-55.932	-0.483	-0.168	-28.334	-28.985	66.435	-95.420	-72.623	-22.797
550.760	-45.123	-10.790	-55.924	0.011	-0.175	-28.662	-28.826	66.435	-95.261	-73.140	-22.121
550.805	-44.930	-10.790	-55.895	0.175	-0.166	-28.986	-28.977	66.435	-95.412	-73.657	-21.755
550.850	-46.011	-10.790	-55.877	-0.924	-0.169	-29.309	-30.402	66.435	-96.837	-74.175	-22.662
550.895	-46.464	-10.790	-55.861	-1.393	-0.176	-29.643	-31.211	66.435	-97.646	-74.692	-22.953

550.940	-46.457	-10.790	-55.909	-1.338	-0.177	-29.974	-31.489	66.435	-97.924	-75.210	-22.714
550.985	-46.232	-10.790	-55.909	-1.113	-0.177	-30.294	-31.584	66.435	-98.019	-75.728	-22.292
551.030	-45.840	-10.790	-55.737	-0.893	-0.181	-30.621	-31.696	66.435	-98.131	-76.245	-21.886
551.075	-45.909	-10.790	-55.882	-0.817	-0.182	-30.959	-31.957	66.435	-98.392	-76.763	-21.630
551.120	-46.195	-10.790	-55.888	-1.097	-0.183	-31.295	-32.575	66.435	-99.010	-77.280	-21.730
551.165	-45.543	-10.790	-55.893	-0.440	-0.180	-31.625	-32.245	66.435	-98.680	-77.797	-20.883
551.210	-46.139	-10.790	-55.919	-1.009	-0.186	-31.942	-33.138	66.435	-99.573	-78.315	-21.258
551.255	-46.697	-10.790	-55.951	-1.535	-0.197	-32.291	-34.023	66.435	-100.458	-78.832	-21.626
551.300	-47.480	-10.790	-55.862	-2.408	-0.186	-32.616	-35.210	66.435	-101.645	-79.350	-22.295
551.345	-47.333	-10.790	-55.860	-2.263	-0.192	-32.960	-35.415	66.435	-101.850	-79.868	-21.982
551.390	-46.828	-10.790	-55.854	-1.764	-0.186	-33.296	-35.246	66.435	-101.681	-80.385	-21.296
551.435	-47.018	-10.790	-55.943	-1.865	-0.188	-33.615	-35.669	66.435	-102.104	-80.902	-21.201
551.480	-46.997	-10.790	-55.962	-1.825	-0.202	-33.979	-36.006	66.435	-102.441	-81.420	-21.021
551.525	-47.181	-10.790	-55.919	-2.051	-0.187	-34.290	-36.529	66.435	-102.964	-81.937	-21.026
551.570	-47.742	-10.790	-55.947	-2.585	-0.189	-34.635	-37.409	66.435	-103.844	-82.455	-21.389
551.615	-47.497	-10.790	-55.925	-2.362	-0.198	-34.971	-37.531	66.435	-103.966	-82.973	-20.993
551.660	-47.701	-10.790	-55.975	-2.516	-0.204	-35.327	-38.048	66.435	-104.483	-83.490	-20.993
551.705	-47.477	-10.790	-55.982	-2.286	-0.204	-35.664	-38.154	66.435	-104.589	-84.008	-20.581
551.750	-47.740	-10.790	-55.962	-2.568	-0.201	-36.012	-38.781	66.435	-105.216	-84.525	-20.691
551.795	-47.773	-10.790	-55.965	-2.597	-0.212	-36.346	-39.156	66.435	-105.591	-85.042	-20.548
551.840	-48.223	-10.790	-55.915	-3.099	-0.214	-36.692	-40.004	66.435	-106.439	-85.560	-20.879
551.885	-48.127	-10.790	-55.944	-2.973	-0.213	-37.030	-40.216	66.435	-106.651	-86.077	-20.574
551.930	-47.534	-10.790	-55.936	-2.388	-0.217	-37.362	-39.967	66.435	-106.402	-86.595	-19.807
551.975	-48.107	-10.790	-55.973	-2.924	-0.212	-37.740	-40.876	66.435	-107.311	-87.113	-20.199
552.020	-48.182	-10.790	-55.961	-3.011	-0.209	-38.075	-41.295	66.435	-107.730	-87.630	-20.100
552.065	-48.397	-10.790	-55.939	-3.248	-0.218	-38.445	-41.912	66.435	-108.347	-88.148	-20.199
552.110	-48.018	-10.790	-55.825	-2.982	-0.218	-38.799	-41.999	66.435	-108.434	-88.665	-19.769
552.155	-47.907	-10.790	-55.996	-2.702	-0.229	-39.142	-42.073	66.435	-108.508	-89.182	-19.325
552.200	-48.713	-10.790	-55.951	-3.552	-0.231	-39.509	-43.292	66.435	-109.727	-89.700	-20.027
552.245	-48.594	-10.790	-55.965	-3.419	-0.244	-39.869	-43.532	66.435	-109.967	-90.218	-19.749
552.290	-48.357	-10.790	-55.981	-3.166	-0.234	-40.241	-43.641	66.435	-110.076	-90.735	-19.341
552.335	-49.142	-10.790	-55.975	-3.956	-0.237	-40.579	-44.772	66.435	-111.207	-91.253	-19.955
552.380	-49.164	-10.790	-55.956	-3.998	-0.239	-40.998	-45.235	66.435	-111.670	-91.770	-19.900
552.425	-48.973	-10.790	-56.040	-3.724	-0.242	-41.328	-45.293	66.435	-111.728	-92.287	-19.441
552.470	-48.732	-10.790	-56.021	-3.502	-0.246	-41.720	-45.467	66.435	-111.902	-92.805	-19.097
552.515	-48.982	-10.790	-55.951	-3.821	-0.240	-42.094	-46.155	66.435	-112.590	-93.322	-19.267
552.560	-49.037	-10.790	-56.007	-3.821	-0.240	-42.478	-46.539	66.435	-112.974	-93.840	-19.134
552.605	-48.513	-10.790	-55.996	-3.307	-0.251	-42.886	-46.444	66.435	-112.879	-94.358	-18.521
552.650	-48.984	-10.790	-55.991	-3.783	-0.257	-43.278	-47.318	66.435	-113.753	-94.875	-18.878
552.695	-49.048	-10.790	-55.962	-3.876	-0.260	-43.672	-47.807	66.435	-114.242	-95.393	-18.850

552.740	-49.404	-10.790	-55.881	-4.314	-0.261	-44.040	-48.615	66.435	-115.050	-95.910	-19.140
552.785	-49.208	-10.790	-55.989	-4.009	-0.261	-44.455	-48.726	66.435	-115.161	-96.427	-18.733
552.830	-49.585	-10.790	-55.926	-4.448	-0.260	-44.896	-49.604	66.435	-116.039	-96.945	-19.094
552.875	-49.721	-10.790	-55.939	-4.572	-0.267	-45.294	-50.134	66.435	-116.569	-97.463	-19.106
552.920	-49.989	-10.790	-56.014	-4.764	-0.268	-45.727	-50.760	66.435	-117.195	-97.980	-19.215
552.965	-49.746	-10.790	-55.958	-4.578	-0.269	-46.170	-51.017	66.435	-117.452	-98.498	-18.954
553.010	-50.089	-10.790	-55.919	-4.959	-0.274	-46.577	-51.810	66.435	-118.245	-99.015	-19.230
553.055	-50.255	-10.790	-56.024	-5.021	-0.277	-47.048	-52.346	66.435	-118.781	-99.532	-19.249
553.100	-49.785	-10.790	-56.014	-4.561	-0.274	-47.481	-52.316	66.435	-118.751	-100.050	-18.701
553.145	-49.603	-10.790	-56.001	-4.392	-0.281	-47.944	-52.616	66.435	-119.051	-100.568	-18.483
553.190	-50.385	-10.790	-55.989	-5.186	-0.281	-48.375	-53.843	66.435	-120.278	-101.085	-19.193
553.235	-50.592	-10.790	-56.041	-5.340	-0.281	-48.910	-54.532	66.435	-120.967	-101.603	-19.364
553.280	-50.439	-10.790	-56.014	-5.216	-0.279	-49.384	-54.878	66.435	-121.313	-102.120	-19.193
553.325	-50.437	-10.790	-55.991	-5.237	-0.291	-49.891	-55.419	66.435	-121.854	-102.638	-19.216
553.370	-50.715	-10.790	-55.991	-5.514	-0.291	-50.413	-56.218	66.435	-122.653	-103.155	-19.498
553.415	-50.449	-10.790	-55.970	-5.269	-0.296	-50.915	-56.481	66.435	-122.916	-103.673	-19.243
553.460	-50.604	-10.790	-55.989	-5.405	-0.293	-51.435	-57.133	66.435	-123.568	-104.190	-19.378
553.505	-50.983	-10.790	-56.030	-5.743	-0.291	-51.980	-58.015	66.435	-124.450	-104.708	-19.743
553.550	-50.638	-10.790	-56.080	-5.349	-0.305	-52.652	-58.306	66.435	-124.741	-105.225	-19.516
553.595	-50.814	-10.790	-56.031	-5.573	-0.300	-53.242	-59.115	66.435	-125.550	-105.743	-19.808
553.640	-50.766	-10.790	-55.981	-5.575	-0.296	-53.863	-59.734	66.435	-126.169	-106.260	-19.909
553.685	-50.141	-10.790	-56.021	-4.910	-0.302	-54.474	-59.686	66.435	-126.121	-106.777	-19.344
553.730	-50.503	-10.790	-55.901	-5.392	-0.304	-55.122	-60.818	66.435	-127.253	-107.295	-19.958
553.775	-50.874	-10.790	-56.024	-5.640	-0.306	-55.903	-61.849	66.435	-128.284	-107.813	-20.472
553.820	-51.160	-10.790	-56.014	-5.936	-0.305	-56.623	-62.865	66.435	-129.300	-108.330	-20.970
553.865	-50.971	-10.790	-56.020	-5.741	-0.309	-57.348	-63.398	66.435	-129.833	-108.848	-20.985
553.910	-50.579	-10.790	-55.959	-5.410	-0.308	-58.256	-63.973	66.435	-130.408	-109.365	-21.043
553.955	-50.881	-10.790	-56.041	-5.630	-0.322	-59.050	-65.001	66.435	-131.436	-109.883	-21.554
554.000	-51.219	-10.790	-56.063	-5.946	-0.319	-60.170	-66.435	66.435	-132.870	-110.400	-22.470

Table 2
50 – 1000 MHz

Freq	1	2	3	4	5	6	7	8	9	Limit	Margin
MHz	dBm	dB	dB	dBm	dB	dB	dB	dBm	dBm	dBc	dB
50.000	-98.44	-10.79	-80.22	-29.02	-0.75	-81.58	-111.34	66.44	-177.78	-110	-67.78
52.375	-98.50	-10.79	-80.99	-28.30	-0.60	-82.78	-111.68	66.44	-178.12	-110	-68.12
54.750	-98.36	-10.79	-81.76	-27.39	-0.59	-81.14	-109.13	66.44	-175.56	-110	-65.56
57.125	-98.33	-10.79	-82.20	-26.91	-0.61	-81.93	-109.46	66.44	-175.89	-110	-65.89
59.500	-98.64	-10.79	-80.26	-29.18	-0.69	-81.57	-111.44	66.44	-177.87	-110	-67.87

61.875	-98.89	-10.79	-79.67	-30.01	-0.79	-80.49	-111.29	66.44	-177.72	-110	-67.72
64.250	-94.83	-10.79	-79.63	-25.99	-0.93	-81.85	-108.78	66.44	-175.21	-110	-65.21
66.625	-96.55	-10.79	-78.58	-28.76	-1.06	-81.08	-110.90	66.44	-177.33	-110	-67.33
69.000	-98.52	-10.79	-77.77	-31.54	-1.08	-81.95	-114.56	66.44	-181.00	-110	-71.00
71.375	-98.80	-10.79	-77.63	-31.96	-1.03	-81.16	-114.15	66.44	-180.58	-110	-70.58
73.750	-98.84	-10.79	-76.15	-33.48	-0.96	-82.62	-117.06	66.44	-183.50	-110	-73.50
76.125	-98.33	-10.79	-77.00	-32.12	-0.94	-80.69	-113.75	66.44	-180.19	-110	-70.19
78.500	-98.70	-10.79	-79.00	-30.50	-0.92	-81.51	-112.93	66.44	-179.36	-110	-69.36
80.875	-98.62	-10.79	-76.65	-32.76	-0.96	-81.94	-115.65	66.44	-182.09	-110	-72.09
83.250	-98.31	-10.79	-75.87	-33.23	-1.10	-82.11	-116.44	66.44	-182.87	-110	-72.87
85.625	-98.66	-10.79	-76.53	-32.92	-1.22	-81.16	-115.30	66.44	-181.73	-110	-71.73
88.000	-97.96	-10.79	-75.66	-33.10	-1.29	-80.16	-114.55	66.44	-180.99	-110	-70.99
90.375	-97.19	-10.79	-75.56	-32.42	-1.28	-80.81	-114.51	66.44	-180.95	-110	-70.95
92.750	-93.82	-10.79	-74.27	-30.34	-1.18	-81.64	-113.17	66.44	-179.60	-110	-69.60
95.125	-97.65	-10.79	-73.93	-34.52	-1.07	-80.78	-116.36	66.44	-182.80	-110	-72.80
97.500	-98.27	-10.79	-74.16	-34.90	-0.99	-81.66	-117.55	66.44	-183.98	-110	-73.98
99.875	-98.60	-10.79	-73.44	-35.95	-0.94	-81.43	-118.32	66.44	-184.76	-110	-74.76
102.250	-98.75	-10.79	-74.18	-35.35	-0.98	-81.60	-117.94	66.44	-184.37	-110	-74.37
104.625	-99.07	-10.79	-72.78	-37.09	-1.08	-81.62	-119.79	66.44	-186.23	-110	-76.23
107.000	-98.75	-10.79	-72.26	-37.29	-1.26	-81.76	-120.31	66.44	-186.74	-110	-76.74
109.375	-98.40	-10.79	-71.38	-37.81	-1.38	-81.46	-120.64	66.44	-187.08	-110	-77.08
111.750	-98.55	-10.79	-71.73	-37.61	-1.36	-82.08	-121.05	66.44	-187.48	-110	-77.48
114.125	-98.61	-10.79	-71.82	-37.58	-1.17	-81.69	-120.44	66.44	-186.87	-110	-76.87
116.500	-98.67	-10.79	-71.12	-38.33	-0.95	-80.60	-119.88	66.44	-186.31	-110	-76.31
118.875	-98.78	-10.79	-70.95	-38.62	-0.77	-81.80	-121.19	66.44	-187.63	-110	-77.63
121.250	-98.81	-10.79	-70.73	-38.88	-0.75	-81.68	-121.30	66.44	-187.74	-110	-77.74
123.625	-97.79	-10.79	-71.22	-37.36	-0.76	-81.59	-119.71	66.44	-186.14	-110	-76.14
126.000	-98.11	-10.79	-70.42	-38.48	-0.81	-81.51	-120.81	66.44	-187.24	-110	-77.24
128.375	-98.94	-10.79	-70.19	-39.54	-0.88	-80.17	-120.60	66.44	-187.03	-110	-77.03
130.750	-98.67	-10.79	-70.05	-39.41	-0.96	-82.15	-122.52	66.44	-188.95	-110	-78.95
133.125	-98.52	-10.79	-69.90	-39.41	-0.90	-81.47	-121.78	66.44	-188.22	-110	-78.22
135.500	-98.36	-10.79	-69.46	-39.69	-0.75	-82.17	-122.61	66.44	-189.05	-110	-79.05
137.875	-98.78	-10.79	-68.84	-40.73	-0.64	-81.92	-123.29	66.44	-189.73	-110	-79.73
140.250	-98.00	-10.79	-69.05	-39.74	-0.52	-80.84	-121.10	66.44	-187.53	-110	-77.53
142.625	-98.30	-10.79	-68.15	-40.94	-0.52	-80.88	-122.34	66.44	-188.78	-110	-78.78
145.000	-98.06	-10.79	-68.13	-40.71	-0.51	-81.22	-122.45	66.44	-188.88	-110	-78.88
147.375	-98.06	-10.79	-68.17	-40.68	-0.59	-81.70	-122.97	66.44	-189.41	-110	-79.41
149.750	-98.08	-10.79	-68.00	-40.87	-0.64	-80.80	-122.31	66.44	-188.74	-110	-78.74
152.125	-97.46	-10.79	-67.54	-40.71	-0.62	-81.79	-123.12	66.44	-189.56	-110	-79.56
154.500	-97.73	-10.79	-67.49	-41.04	-0.50	-81.72	-123.26	66.44	-189.69	-110	-79.69

156.875	-97.63	-10.79	-67.25	-41.17	-0.39	-79.80	-121.37	66.44	-187.80	-110	-77.80
159.250	-97.18	-10.79	-67.05	-40.92	-0.21	-80.94	-122.07	66.44	-188.50	-110	-78.50
161.625	-97.45	-10.79	-66.32	-41.92	-0.15	-81.24	-123.30	66.44	-189.74	-110	-79.74
164.000	-97.91	-10.79	-66.66	-42.04	-0.11	-80.81	-122.96	66.44	-189.39	-110	-79.39
166.375	-98.18	-10.79	-66.45	-42.52	-0.09	-80.72	-123.33	66.44	-189.77	-110	-79.77
168.750	-98.16	-10.79	-66.17	-42.79	-0.15	-80.87	-123.81	66.44	-190.25	-110	-80.25
171.125	-98.27	-10.79	-66.50	-42.56	-0.18	-81.55	-124.29	66.44	-190.72	-110	-80.72
173.500	-98.34	-10.79	-66.10	-43.03	-0.23	-81.47	-124.73	66.44	-191.17	-110	-81.17
175.875	-98.31	-10.79	-66.03	-43.07	-0.22	-81.57	-124.86	66.44	-191.29	-110	-81.29
178.250	-98.44	-10.79	-65.74	-43.49	-0.21	-81.03	-124.74	66.44	-191.18	-110	-81.18
180.625	-98.21	-10.79	-65.74	-43.26	-0.10	-81.69	-125.05	66.44	-191.48	-110	-81.48
183.000	-97.79	-10.79	-65.19	-43.39	-0.10	-80.71	-124.19	66.44	-190.63	-110	-80.63
185.375	-98.10	-10.79	-64.43	-44.45	-0.05	-81.04	-125.55	66.44	-191.98	-110	-81.98
187.750	-98.31	-10.79	-64.81	-44.28	-0.12	-81.18	-125.58	66.44	-192.01	-110	-82.01
190.125	-98.43	-10.79	-64.74	-44.48	-0.15	-80.60	-125.22	66.44	-191.66	-110	-81.66
192.500	-98.49	-10.79	-64.61	-44.66	-0.13	-80.65	-125.45	66.44	-191.88	-110	-81.88
194.875	-98.10	-10.79	-64.38	-44.51	-0.09	-81.22	-125.82	66.44	-192.25	-110	-82.25
197.250	-98.84	-10.79	-64.36	-45.27	-0.10	-81.60	-126.97	66.44	-193.41	-110	-83.41
199.625	-98.04	-10.79	-63.86	-44.97	-0.11	-80.78	-125.87	66.44	-192.30	-110	-82.30
202.000	-98.33	-10.79	-63.70	-45.42	-0.17	-80.79	-126.38	66.44	-192.82	-110	-82.82
204.375	-98.23	-10.79	-63.86	-45.16	-0.27	-81.49	-126.92	66.44	-193.36	-110	-83.36
206.750	-98.60	-10.79	-63.66	-45.73	-0.31	-81.95	-127.99	66.44	-194.43	-110	-84.43
209.125	-98.06	-10.79	-62.99	-45.86	-0.34	-81.97	-128.17	66.44	-194.61	-110	-84.61
211.500	-97.90	-10.79	-63.04	-45.65	-0.27	-81.55	-127.46	66.44	-193.90	-110	-83.90
213.875	-98.53	-10.79	-62.97	-46.35	-0.23	-81.73	-128.30	66.44	-194.74	-110	-84.74
216.250	-97.91	-10.79	-62.96	-45.74	-0.20	-80.89	-126.84	66.44	-193.27	-110	-83.27
218.625	-98.00	-10.79	-62.81	-45.99	-0.18	-80.78	-126.95	66.44	-193.38	-110	-83.38
221.000	-98.30	-10.79	-62.90	-46.19	-0.20	-80.58	-126.98	66.44	-193.41	-110	-83.41
223.375	-98.57	-10.79	-62.59	-46.76	-0.34	-80.86	-127.97	66.44	-194.40	-110	-84.40
225.750	-98.70	-10.79	-62.46	-47.02	-0.39	-81.51	-128.93	66.44	-195.37	-110	-85.37
228.125	-97.99	-10.79	-62.08	-46.70	-0.52	-80.63	-127.85	66.44	-194.28	-110	-84.28
230.500	-98.52	-10.79	-61.92	-47.39	-0.62	-80.96	-128.97	66.44	-195.40	-110	-85.40
232.875	-98.49	-10.79	-61.85	-47.43	-0.65	-81.02	-129.10	66.44	-195.53	-110	-85.53
235.250	-98.18	-10.79	-61.76	-47.21	-0.67	-81.30	-129.18	66.44	-195.61	-110	-85.61
237.625	-98.52	-10.79	-61.75	-47.56	-0.65	-81.46	-129.68	66.44	-196.12	-110	-86.12
240.000	-98.49	-10.79	-61.63	-47.65	-0.57	-81.46	-129.69	66.44	-196.12	-110	-86.12
242.375	-98.06	-10.79	-61.31	-47.54	-0.60	-80.51	-128.64	66.44	-195.07	-110	-85.07
244.750	-98.03	-10.79	-61.55	-47.27	-0.67	-80.76	-128.70	66.44	-195.14	-110	-85.14
247.125	-98.11	-10.79	-61.24	-47.66	-0.92	-81.06	-129.64	66.44	-196.07	-110	-86.07
249.500	-97.17	-10.79	-61.14	-46.82	-0.99	-80.85	-128.66	66.44	-195.09	-110	-85.09

251.875	-97.53	-10.79	-60.99	-47.33	-1.11	-80.92	-129.37	66.44	-195.80	-110	-85.80
254.250	-97.80	-10.79	-60.77	-47.82	-1.11	-81.51	-130.44	66.44	-196.88	-110	-86.88
256.625	-97.72	-10.79	-60.58	-47.93	-1.03	-80.69	-129.65	66.44	-196.09	-110	-86.09
259.000	-97.63	-10.79	-60.44	-47.98	-0.90	-80.29	-129.18	66.44	-195.61	-110	-85.61
261.375	-97.26	-10.79	-60.26	-47.79	-0.85	-80.99	-129.63	66.44	-196.07	-110	-86.07
263.750	-97.10	-10.79	-60.02	-47.87	-0.85	-80.70	-129.42	66.44	-195.86	-110	-85.86
266.125	-96.18	-10.79	-60.16	-46.81	-0.90	-80.23	-127.94	66.44	-194.38	-110	-84.38
268.500	-96.00	-10.79	-60.11	-46.68	-1.05	-80.29	-128.01	66.44	-194.44	-110	-84.44
270.875	-96.08	-10.79	-59.99	-46.88	-1.16	-81.12	-129.17	66.44	-195.60	-110	-85.60
273.250	-96.47	-10.79	-59.97	-47.30	-1.42	-80.04	-128.75	66.44	-195.19	-110	-85.19
275.625	-95.71	-10.79	-59.95	-46.55	-1.50	-80.62	-128.67	66.44	-195.11	-110	-85.11
278.000	-95.24	-10.79	-59.60	-46.44	-1.49	-81.15	-129.08	66.44	-195.51	-110	-85.51
280.375	-95.22	-10.79	-59.67	-46.34	-1.34	-80.45	-128.13	66.44	-194.56	-110	-84.56
282.750	-95.01	-10.79	-59.60	-46.20	-1.29	-81.33	-128.82	66.44	-195.26	-110	-85.26
285.125	-94.42	-10.79	-59.37	-45.83	-1.22	-81.22	-128.27	66.44	-194.71	-110	-84.71
287.500	-94.22	-10.79	-59.28	-45.74	-1.33	-80.55	-127.61	66.44	-194.05	-110	-84.05
289.875	-93.46	-10.79	-59.15	-45.10	-1.43	-80.86	-127.39	66.44	-193.83	-110	-83.83
292.250	-93.85	-10.79	-59.14	-45.50	-1.64	-81.32	-128.46	66.44	-194.89	-110	-84.89
294.625	-93.34	-10.79	-58.99	-45.13	-1.72	-80.68	-127.53	66.44	-193.97	-110	-83.97
297.000	-93.44	-10.79	-58.85	-45.38	-1.67	-80.78	-127.82	66.44	-194.26	-110	-84.26
299.375	-93.58	-10.79	-58.84	-45.53	-1.42	-79.99	-126.94	66.44	-193.38	-110	-83.38
301.750	-93.36	-10.79	-58.70	-45.46	-1.27	-81.08	-127.80	66.44	-194.24	-110	-84.24
304.125	-93.54	-10.79	-58.45	-45.88	-1.03	-81.09	-128.00	66.44	-194.44	-110	-84.44
306.500	-93.59	-10.79	-58.45	-45.94	-0.99	-79.90	-126.83	66.44	-193.26	-110	-83.26
308.875	-93.32	-10.79	-58.39	-45.72	-1.04	-80.96	-127.73	66.44	-194.16	-110	-84.16
311.250	-93.49	-10.79	-58.07	-46.21	-1.20	-80.04	-127.44	66.44	-193.88	-110	-83.88
313.625	-93.29	-10.79	-58.29	-45.79	-1.38	-80.77	-127.93	66.44	-194.37	-110	-84.37
316.000	-92.78	-10.79	-58.15	-45.41	-1.57	-81.13	-128.12	66.44	-194.55	-110	-84.55
318.375	-91.97	-10.79	-58.22	-44.55	-1.54	-80.98	-127.07	66.44	-193.50	-110	-83.50
320.750	-91.36	-10.79	-57.99	-44.16	-1.44	-80.24	-125.83	66.44	-192.27	-110	-82.27
323.125	-90.48	-10.79	-58.03	-43.24	-1.16	-81.20	-125.59	66.44	-192.03	-110	-82.03
325.500	-89.37	-10.79	-57.88	-42.28	-1.05	-80.30	-123.63	66.44	-190.07	-110	-80.07
327.875	-88.13	-10.79	-57.93	-41.00	-0.97	-80.17	-122.14	66.44	-188.58	-110	-78.58
330.250	-86.78	-10.79	-57.65	-39.92	-0.99	-80.22	-121.13	66.44	-187.56	-110	-77.56
332.625	-85.65	-10.79	-57.55	-38.89	-1.07	-80.37	-120.33	66.44	-186.77	-110	-76.77
335.000	-84.40	-10.79	-57.47	-37.72	-1.14	-80.74	-119.59	66.44	-186.03	-110	-76.03
337.375	-83.16	-10.79	-57.39	-36.56	-1.16	-80.82	-118.55	66.44	-184.98	-110	-74.98
339.750	-82.12	-10.79	-57.45	-35.46	-1.13	-81.20	-117.79	66.44	-184.23	-110	-74.23
342.125	-80.78	-10.79	-57.32	-34.25	-0.85	-79.64	-114.74	66.44	-181.18	-110	-71.18
344.500	-79.55	-10.79	-57.16	-33.18	-0.64	-80.08	-113.89	66.44	-180.32	-110	-70.32

346.875	-78.44	-10.79	-57.24	-31.99	-0.43	-80.57	-112.99	66.44	-179.43	-110	-69.43
349.250	-77.35	-10.79	-57.16	-30.98	-0.37	-80.99	-112.34	66.44	-178.77	-110	-68.77
351.625	-76.67	-10.79	-57.09	-30.37	-0.39	-79.93	-110.69	66.44	-177.13	-110	-67.13
354.000	-75.96	-10.79	-57.01	-29.75	-0.56	-80.48	-110.78	66.44	-177.22	-110	-67.22
356.375	-75.62	-10.79	-56.80	-29.61	-0.66	-80.09	-110.36	66.44	-176.80	-110	-66.80
358.750	-75.66	-10.79	-56.77	-29.68	-0.80	-80.87	-111.36	66.44	-177.79	-110	-67.79
361.125	-75.28	-10.79	-56.95	-29.12	-0.74	-80.92	-110.77	66.44	-177.21	-110	-67.21
363.500	-74.94	-10.79	-56.69	-29.05	-0.64	-79.99	-109.68	66.44	-176.11	-110	-66.11
365.875	-74.68	-10.79	-56.83	-28.64	-0.45	-80.32	-109.40	66.44	-175.83	-110	-65.83
368.250	-74.47	-10.79	-56.82	-28.44	-0.33	-80.44	-109.20	66.44	-175.64	-110	-65.64
370.625	-74.11	-10.79	-56.65	-28.25	-0.24	-80.35	-108.84	66.44	-175.27	-110	-65.27
373.000	-73.95	-10.79	-56.66	-28.08	-0.21	-80.25	-108.54	66.44	-174.98	-110	-64.98
375.375	-73.46	-10.79	-56.47	-27.78	-0.27	-80.20	-108.25	66.44	-174.68	-110	-64.68
377.750	-73.18	-10.79	-56.44	-27.53	-0.40	-80.06	-107.99	66.44	-174.43	-110	-64.43
380.125	-73.00	-10.79	-56.52	-27.26	-0.40	-80.87	-108.54	66.44	-174.97	-110	-64.97
382.500	-73.00	-10.79	-56.52	-27.27	-0.39	-79.82	-107.48	66.44	-173.92	-110	-63.92
384.875	-72.65	-10.79	-56.50	-26.94	-0.30	-80.00	-107.25	66.44	-173.68	-110	-63.68
387.250	-72.05	-10.79	-56.45	-26.40	-0.17	-79.49	-106.06	66.44	-172.50	-110	-62.50
389.625	-71.53	-10.79	-56.34	-25.98	-0.12	-79.75	-105.86	66.44	-172.29	-110	-62.29
392.000	-70.93	-10.79	-56.30	-25.42	-0.09	-80.41	-105.91	66.44	-172.35	-110	-62.35
394.375	-70.26	-10.79	-56.26	-24.79	-0.07	-80.02	-104.88	66.44	-171.32	-110	-61.32
396.750	-69.66	-10.79	-56.21	-24.23	-0.11	-79.28	-103.62	66.44	-170.06	-110	-60.06
399.125	-69.78	-10.79	-56.15	-24.41	-0.20	-79.60	-104.21	66.44	-170.65	-110	-60.65
401.500	-69.51	-10.79	-56.28	-24.03	-0.22	-79.94	-104.19	66.44	-170.62	-110	-60.62
403.875	-69.00	-10.79	-56.35	-23.44	-0.28	-78.77	-102.49	66.44	-168.92	-110	-58.92
406.250	-68.87	-10.79	-56.30	-23.35	-0.29	-79.54	-103.18	66.44	-169.62	-110	-59.62
408.625	-68.39	-10.79	-56.23	-22.94	-0.26	-80.42	-103.63	66.44	-170.06	-110	-60.06
411.000	-68.06	-10.79	-56.14	-22.71	-0.18	-79.51	-102.40	66.44	-168.83	-110	-58.83
413.375	-67.74	-10.79	-56.20	-22.32	-0.12	-79.21	-101.65	66.44	-168.08	-110	-58.08
415.750	-67.15	-10.79	-56.00	-21.94	-0.12	-79.91	-101.96	66.44	-168.40	-110	-58.40
418.125	-67.04	-10.79	-55.90	-21.92	-0.14	-78.51	-100.58	66.44	-167.01	-110	-57.01
420.500	-66.61	-10.79	-56.12	-21.28	-0.19	-79.32	-100.79	66.44	-167.22	-110	-57.22
422.875	-66.52	-10.79	-56.07	-21.23	-0.21	-80.22	-101.66	66.44	-168.09	-110	-58.09
425.250	-66.15	-10.79	-56.05	-20.89	-0.18	-79.79	-100.85	66.44	-167.28	-110	-57.28
427.625	-66.18	-10.79	-56.19	-20.78	-0.14	-80.13	-101.04	66.44	-167.48	-110	-57.48
430.000	-66.17	-10.79	-56.00	-20.96	-0.11	-79.61	-100.68	66.44	-167.11	-110	-57.11
432.375	-65.84	-10.79	-56.20	-20.43	-0.16	-79.60	-100.19	66.44	-166.63	-110	-56.63
434.750	-65.88	-10.79	-56.08	-20.60	-0.15	-79.33	-100.07	66.44	-166.50	-110	-56.50
437.125	-65.90	-10.79	-55.96	-20.73	-0.10	-79.22	-100.05	66.44	-166.49	-110	-56.49
439.500	-65.61	-10.79	-56.09	-20.31	-0.11	-79.73	-100.15	66.44	-166.58	-110	-56.58

441.875	-65.62	-10.79	-56.02	-20.39	-0.14	-78.13	-98.67	66.44	-165.10	-110	-55.10
444.250	-65.59	-10.79	-55.83	-20.55	-0.16	-79.64	-100.36	66.44	-166.79	-110	-56.79
446.625	-65.27	-10.79	-55.99	-20.07	-0.15	-79.06	-99.27	66.44	-165.71	-110	-55.71
449.000	-56.06	-10.79	-55.98	-10.86	-0.19	-79.77	-90.82	66.44	-157.25	-110	-47.25
451.375	-65.42	-10.79	-56.12	-20.09	-0.21	-79.67	-99.98	66.44	-166.42	-110	-56.42
453.750	-66.12	-10.79	-55.97	-20.94	-0.20	-79.47	-100.61	66.44	-167.05	-110	-57.05
456.125	-66.46	-10.79	-56.21	-21.04	-0.13	-79.35	-100.52	66.44	-166.96	-110	-56.96
458.500	-67.15	-10.79	-55.96	-21.98	-0.13	-78.81	-100.92	66.44	-167.36	-110	-57.36
460.875	-67.53	-10.79	-55.99	-22.33	-0.15	-78.81	-101.28	66.44	-167.72	-110	-57.72
463.250	-68.04	-10.79	-56.01	-22.82	-0.15	-79.59	-102.55	66.44	-168.99	-110	-58.99
465.625	-68.39	-10.79	-55.89	-23.29	-0.13	-74.47	-97.89	66.44	-164.33	-110	-54.33
468.000	-68.88	-10.79	-55.90	-23.77	-0.13	-77.05	-100.95	66.44	-167.38	-110	-57.38
470.375	-69.32	-10.79	-55.87	-24.25	-0.14	-78.34	-102.73	66.44	-169.16	-110	-59.16
472.750	-69.90	-10.79	-55.95	-24.74	-0.13	-77.63	-102.51	66.44	-168.94	-110	-58.94
475.125	-70.64	-10.79	-55.85	-25.58	-0.15	-75.01	-100.74	66.44	-167.17	-110	-57.17
477.500	-70.99	-10.79	-55.96	-25.81	-0.14	-76.55	-102.50	66.44	-168.94	-110	-58.94
479.875	-72.05	-10.79	-55.92	-26.92	-0.11	-76.09	-103.12	66.44	-169.55	-110	-59.55
482.250	-72.42	-10.79	-55.79	-27.42	-0.09	-74.63	-102.14	66.44	-168.58	-110	-58.58
484.625	-72.71	-10.79	-55.94	-27.56	-0.08	-73.93	-101.57	66.44	-168.00	-110	-58.00
487.000	-72.74	-10.79	-56.04	-27.49	-0.19	-73.41	-101.09	66.44	-167.53	-110	-57.53
489.375	-73.03	-10.79	-55.84	-27.98	-0.19	-71.67	-99.85	66.44	-166.28	-110	-56.28
491.750	-73.08	-10.79	-55.71	-28.16	-0.17	-71.74	-100.07	66.44	-166.51	-110	-56.51
494.125	-73.34	-10.79	-55.82	-28.31	-0.09	-71.87	-100.28	66.44	-166.72	-110	-56.72
496.500	-73.82	-10.79	-55.82	-28.80	-0.06	-71.53	-100.38	66.44	-166.82	-110	-56.82
498.875	-73.97	-10.79	-55.72	-29.04	-0.09	-70.66	-99.79	66.44	-166.23	-110	-56.23
501.250	-74.67	-10.79	-55.94	-29.52	-0.17	-70.08	-99.77	66.44	-166.20	-110	-56.20
503.625	-74.81	-10.79	-55.91	-29.69	-0.20	-68.82	-98.70	66.44	-165.14	-110	-55.14
506.000	-74.02	-10.79	-56.07	-28.74	-0.18	-67.34	-96.26	66.44	-162.70	-110	-52.70
508.375	-71.94	-10.79	-55.81	-26.92	-0.16	-65.62	-92.70	66.44	-159.13	-110	-49.13
510.750	-69.27	-10.79	-55.94	-24.11	-0.15	-64.87	-89.14	66.44	-155.57	-110	-45.57
513.125	-66.28	-10.79	-55.86	-21.22	-0.13	-62.89	-84.24	66.44	-150.67	-110	-40.67
515.500	-64.07	-10.79	-55.84	-19.03	-0.14	-61.57	-80.74	66.44	-147.17	-110	-37.17
517.875	-63.18	-10.79	-55.80	-18.17	-0.13	-60.69	-78.99	66.44	-145.43	-110	-35.43
520.250	-62.09	-10.79	-56.07	-16.80	-0.19	-59.82	-76.81	66.44	-143.24	-110	-33.24
522.625	-63.40	-10.79	-55.98	-18.21	-0.15	-57.63	-75.98	66.44	-142.42	-110	-32.42
525.000	-62.98	-10.79	-55.89	-17.88	-0.16	-56.42	-74.47	66.44	-140.90	-110	-30.90
527.375	-62.28	-10.79	-55.96	-17.11	-0.16	-54.03	-71.30	66.44	-137.74	-110	-27.74
529.750	-61.21	-10.79	-55.88	-16.12	-0.14	-52.64	-68.89	66.44	-135.33	-110	-25.33
532.125	Refer to Table "1" for 536 - 554 MHz Full Service Mask Data										
553.500											

555.875	-62.69	-10.79	-55.70	-17.78	-0.14	-53.42	-71.33	66.44	-137.77	-110	-27.77
558.250	-63.72	-10.79	-55.84	-18.67	-0.12	-52.51	-71.30	66.44	-137.73	-110	-27.73
560.625	-64.63	-10.79	-55.71	-19.71	-0.14	-52.54	-72.39	66.44	-138.82	-110	-28.82
563.000	-65.10	-10.79	-55.81	-20.08	-0.14	-53.70	-73.92	66.44	-140.35	-110	-30.35
565.375	-65.06	-10.79	-55.96	-19.89	-0.15	-54.86	-74.90	66.44	-141.33	-110	-31.33
567.750	-64.50	-10.79	-55.91	-19.38	-0.15	-57.06	-76.59	66.44	-143.03	-110	-33.03
570.125	-62.73	-10.79	-55.87	-17.65	-0.16	-58.06	-75.87	66.44	-142.31	-110	-32.31
572.500	-61.52	-10.79	-55.96	-16.35	-0.16	-59.63	-76.14	66.44	-142.57	-110	-32.57
574.875	-59.97	-10.79	-55.83	-14.93	-0.12	-60.54	-75.60	66.44	-142.04	-110	-32.04
577.250	-61.16	-10.79	-55.99	-15.96	-0.16	-61.28	-77.40	66.44	-143.83	-110	-33.83
579.625	-64.29	-10.79	-56.00	-19.08	-0.14	-62.25	-81.48	66.44	-147.92	-110	-37.92
582.000	-68.49	-10.79	-55.82	-23.46	-0.15	-62.77	-86.38	66.44	-152.82	-110	-42.82
584.375	-71.86	-10.79	-55.87	-26.78	-0.14	-63.60	-90.52	66.44	-156.95	-110	-46.95
586.750	-73.02	-10.79	-55.85	-27.96	-0.13	-63.99	-92.07	66.44	-158.51	-110	-48.51
589.125	-72.73	-10.79	-55.80	-27.73	-0.16	-65.44	-93.33	66.44	-159.77	-110	-49.77
591.500	-72.63	-10.79	-55.88	-27.54	-0.15	-65.94	-93.63	66.44	-160.07	-110	-50.07
593.875	-72.37	-10.79	-55.90	-27.26	-0.17	-67.06	-94.48	66.44	-160.92	-110	-50.92
596.250	-72.16	-10.79	-55.89	-27.07	-0.16	-67.19	-94.42	66.44	-160.85	-110	-50.85
598.625	-71.84	-10.79	-55.86	-26.78	-0.18	-67.87	-94.83	66.44	-161.26	-110	-51.26
601.000	-69.21	-10.79	-55.93	-24.07	-0.13	-67.88	-92.09	66.44	-158.52	-110	-48.52
603.375	-70.82	-10.79	-55.90	-25.71	-0.16	-68.47	-94.34	66.44	-160.77	-110	-50.77
605.750	-70.53	-10.79	-56.00	-25.32	-0.13	-69.47	-94.92	66.44	-161.36	-110	-51.36
608.125	-70.29	-10.79	-55.92	-25.16	-0.16	-69.64	-94.96	66.44	-161.39	-110	-51.39
610.500	-70.25	-10.79	-55.82	-25.22	-0.18	-69.95	-95.36	66.44	-161.79	-110	-51.79
612.875	-70.21	-10.79	-55.78	-25.22	-0.16	-70.43	-95.81	66.44	-162.24	-110	-52.24
615.250	-70.48	-10.79	-55.86	-25.40	-0.18	-71.04	-96.62	66.44	-163.06	-110	-53.06
617.625	-70.83	-10.79	-55.94	-25.68	-0.16	-71.78	-97.63	66.44	-164.06	-110	-54.06
620.000	-70.83	-10.79	-55.84	-25.78	-0.12	-71.60	-97.51	66.44	-163.95	-110	-53.95
622.375	-70.61	-10.79	-55.94	-25.45	-0.13	-71.89	-97.47	66.44	-163.91	-110	-53.91
624.750	-70.33	-10.79	-55.95	-25.18	-0.15	-71.73	-97.06	66.44	-163.49	-110	-53.49
627.125	-70.16	-10.79	-55.98	-24.97	-0.17	-71.09	-96.22	66.44	-162.66	-110	-52.66
629.500	-70.33	-10.79	-55.98	-25.15	-0.20	-72.05	-97.40	66.44	-163.83	-110	-53.83
631.875	-70.37	-10.79	-55.99	-25.17	-0.18	-71.17	-96.52	66.44	-162.95	-110	-52.95
634.250	-70.26	-10.79	-55.98	-25.06	-0.14	-72.02	-97.23	66.44	-163.66	-110	-53.66
636.625	-70.00	-10.79	-55.84	-24.95	-0.13	-72.62	-97.70	66.44	-164.13	-110	-54.13
639.000	-69.94	-10.79	-55.75	-24.99	-0.13	-73.69	-98.80	66.44	-165.24	-110	-55.24
641.375	-70.37	-10.79	-55.94	-25.23	-0.20	-72.72	-98.14	66.44	-164.58	-110	-54.58
643.750	-70.97	-10.79	-55.88	-25.88	-0.20	-73.25	-99.33	66.44	-165.76	-110	-55.76
646.125	-71.88	-10.79	-55.95	-26.71	-0.19	-74.15	-101.05	66.44	-167.49	-110	-57.49
648.500	-72.30	-10.79	-55.91	-27.18	-0.14	-73.16	-100.49	66.44	-166.92	-110	-56.92

650.875	-72.69	-10.79	-55.87	-27.62	-0.15	-73.22	-100.99	66.44	-167.42	-110	-57.42
653.250	-73.02	-10.79	-55.76	-28.05	-0.15	-71.67	-99.87	66.44	-166.31	-110	-56.31
655.625	-73.41	-10.79	-55.87	-28.33	-0.18	-73.58	-102.09	66.44	-168.52	-110	-58.52
658.000	-73.82	-10.79	-55.85	-28.76	-0.16	-74.04	-102.96	66.44	-169.39	-110	-59.39
660.375	-74.18	-10.79	-55.87	-29.11	-0.19	-74.40	-103.69	66.44	-170.13	-110	-60.13
662.750	-74.42	-10.79	-55.84	-29.37	-0.21	-74.05	-103.62	66.44	-170.06	-110	-60.06
665.125	-74.69	-10.79	-55.89	-29.59	-0.29	-73.95	-103.83	66.44	-170.27	-110	-60.27
667.500	-74.99	-10.79	-55.62	-30.16	-0.26	-74.62	-105.04	66.44	-171.48	-110	-61.48
669.875	-75.27	-10.79	-55.94	-30.12	-0.20	-74.22	-104.54	66.44	-170.98	-110	-60.98
672.250	-75.43	-10.79	-55.82	-30.40	-0.12	-72.28	-102.80	66.44	-169.23	-110	-59.23
674.625	-75.44	-10.79	-55.91	-30.33	-0.12	-73.37	-103.82	66.44	-170.25	-110	-60.25
677.000	-75.62	-10.79	-56.01	-30.40	-0.12	-73.13	-103.65	66.44	-170.08	-110	-60.08
679.375	-76.05	-10.79	-55.97	-30.87	-0.15	-73.00	-104.02	66.44	-170.45	-110	-60.45
681.750	-76.51	-10.79	-55.95	-31.35	-0.22	-73.04	-104.61	66.44	-171.05	-110	-61.05
684.125	-77.26	-10.79	-55.86	-32.20	-0.40	-73.60	-106.20	66.44	-172.63	-110	-62.63
686.500	-78.07	-10.79	-55.79	-33.06	-0.55	-72.83	-106.44	66.44	-172.87	-110	-62.87
688.875	-78.78	-10.79	-55.70	-33.86	-0.85	-75.68	-110.39	66.44	-176.83	-110	-66.83
691.250	-79.68	-10.79	-55.82	-34.66	-0.97	-74.44	-110.08	66.44	-176.51	-110	-66.51
693.625	-80.61	-10.79	-55.88	-35.51	-1.09	-74.95	-111.55	66.44	-177.98	-110	-67.98
696.000	-81.24	-10.79	-56.00	-36.04	-1.14	-73.74	-110.92	66.44	-177.35	-110	-67.35
698.375	-82.04	-10.79	-56.12	-36.71	-1.48	-74.04	-112.23	66.44	-178.66	-110	-68.66
700.750	-83.03	-10.79	-55.98	-37.83	-1.99	-74.00	-113.81	66.44	-180.25	-110	-70.25
703.125	-83.80	-10.79	-55.98	-38.61	-3.02	-72.63	-114.26	66.44	-180.69	-110	-70.69
705.500	-84.45	-10.79	-55.92	-39.32	-3.73	-74.23	-117.27	66.44	-183.71	-110	-73.71
707.875	-84.68	-10.79	-55.69	-39.78	-4.49	-73.84	-118.11	66.44	-184.55	-110	-74.55
710.250	-85.50	-10.79	-55.70	-40.59	-4.82	-73.44	-118.85	66.44	-185.28	-110	-75.28
712.625	-86.35	-10.79	-55.71	-41.44	-5.05	-74.91	-121.40	66.44	-187.84	-110	-77.84
715.000	-86.70	-10.79	-55.69	-41.80	-5.28	-73.99	-121.07	66.44	-187.51	-110	-77.51
717.375	-87.08	-10.79	-55.92	-41.95	-6.19	-74.08	-122.22	66.44	-188.65	-110	-78.65
719.750	-87.59	-10.79	-55.98	-42.40	-7.29	-72.94	-122.63	66.44	-189.06	-110	-79.06
722.125	-87.72	-10.79	-56.08	-42.43	-9.16	-72.74	-124.33	66.44	-190.76	-110	-80.76
724.500	-87.89	-10.79	-56.18	-42.51	-10.37	-73.39	-126.27	66.44	-192.70	-110	-82.70
726.875	-88.07	-10.79	-56.23	-42.63	-11.66	-72.72	-127.01	66.44	-193.44	-110	-83.44
729.250	-88.05	-10.79	-56.18	-42.66	-12.23	-72.69	-127.57	66.44	-194.01	-110	-84.01
731.625	-88.05	-10.79	-56.18	-42.66	-12.67	-72.91	-128.24	66.44	-194.68	-110	-84.68
734.000	-87.85	-10.79	-56.04	-42.61	-12.85	-73.26	-128.71	66.44	-195.15	-110	-85.15
736.375	-87.59	-10.79	-56.10	-42.28	-13.37	-72.90	-128.54	66.44	-194.98	-110	-84.98
738.750	-87.40	-10.79	-55.87	-42.32	-14.07	-71.96	-128.35	66.44	-194.78	-110	-84.78
741.125	-87.23	-10.79	-55.92	-42.10	-15.55	-73.44	-131.09	66.44	-197.53	-110	-87.53
743.500	-86.81	-10.79	-55.93	-41.68	-16.69	-72.88	-131.24	66.44	-197.68	-110	-87.68

745.875	-86.61	-10.79	-55.95	-41.46	-18.04	-72.03	-131.53	66.44	-197.96	-110	-87.96
748.250	-86.73	-10.79	-56.04	-41.48	-18.67	-71.83	-131.98	66.44	-198.42	-110	-88.42
750.625	-86.00	-10.79	-56.12	-40.68	-19.33	-71.13	-131.14	66.44	-197.58	-110	-87.58
753.000	-86.85	-10.79	-56.16	-41.48	-19.57	-72.13	-133.19	66.44	-199.62	-110	-89.62
755.375	-87.28	-10.79	-56.07	-42.00	-19.91	-72.32	-134.23	66.44	-200.66	-110	-90.66
757.750	-87.27	-10.79	-56.08	-41.98	-20.39	-73.34	-135.72	66.44	-202.15	-110	-92.15
760.125	-87.60	-10.79	-55.98	-42.41	-21.53	-72.70	-136.65	66.44	-203.08	-110	-93.08
762.500	-88.01	-10.79	-55.72	-43.07	-22.54	-73.37	-138.98	66.44	-205.42	-110	-95.42
764.875	-88.46	-10.79	-55.83	-43.41	-24.04	-70.89	-138.34	66.44	-204.78	-110	-94.78
767.250	-88.99	-10.79	-55.68	-44.10	-24.82	-70.97	-139.89	66.44	-206.33	-110	-96.33
769.625	-89.57	-10.79	-55.69	-44.67	-25.77	-71.29	-141.73	66.44	-208.17	-110	-98.17
772.000	-89.79	-10.79	-55.68	-44.90	-26.13	-70.58	-141.61	66.44	-208.05	-110	-98.05
774.375	-89.66	-10.79	-55.68	-44.77	-26.45	-69.59	-140.82	66.44	-207.25	-110	-97.25
776.750	-90.19	-10.79	-55.59	-45.39	-26.60	-69.72	-141.72	66.44	-208.15	-110	-98.15
779.125	-89.91	-10.79	-55.70	-45.00	-26.96	-70.44	-142.40	66.44	-208.84	-110	-98.84
781.500	-89.38	-10.79	-55.66	-44.50	-27.52	-71.62	-143.64	66.44	-210.08	-110	-100.08
783.875	-89.52	-10.79	-55.77	-44.54	-28.75	-70.71	-144.00	66.44	-210.44	-110	-100.44
786.250	-89.04	-10.79	-55.71	-44.11	-29.71	-71.32	-145.14	66.44	-211.58	-110	-101.58
788.625	-89.39	-10.79	-55.71	-44.47	-30.96	-69.81	-145.23	66.44	-211.67	-110	-101.67
791.000	-89.14	-10.79	-55.83	-44.10	-31.55	-70.33	-145.97	66.44	-212.40	-110	-102.40
793.375	-88.96	-10.79	-55.71	-44.04	-32.14	-69.99	-146.18	66.44	-212.61	-110	-102.61
795.750	-88.86	-10.79	-55.73	-43.92	-32.39	-69.40	-145.71	66.44	-212.15	-110	-102.15
798.125	-89.17	-10.79	-55.71	-44.24	-32.46	-68.90	-145.60	66.44	-212.04	-110	-102.04
800.500	-88.83	-10.79	-55.60	-44.02	-32.69	-68.48	-145.19	66.44	-211.62	-110	-101.62
802.875	-89.08	-10.79	-55.53	-44.35	-33.14	-69.69	-147.17	66.44	-213.61	-110	-103.61
805.250	-88.86	-10.79	-55.55	-44.10	-33.88	-69.53	-147.51	66.44	-213.94	-110	-103.94
807.625	-88.81	-10.79	-55.38	-44.23	-35.16	-70.28	-149.67	66.44	-216.11	-110	-106.11
810.000	-88.72	-10.79	-55.38	-44.13	-36.12	-69.78	-150.02	66.44	-216.46	-110	-106.46
812.375	-88.84	-10.79	-55.48	-44.15	-37.25	-70.02	-151.42	66.44	-217.86	-110	-107.86
814.750	-89.30	-10.79	-55.58	-44.50	-38.03	-68.57	-151.10	66.44	-217.54	-110	-107.54
817.125	-89.68	-10.79	-55.62	-44.86	-38.42	-68.79	-152.06	66.44	-218.50	-110	-108.50
819.500	-90.24	-10.79	-55.67	-45.36	-38.68	-67.28	-151.33	66.44	-217.76	-110	-107.76
821.875	-91.14	-10.79	-55.69	-46.24	-38.72	-68.04	-153.00	66.44	-219.44	-110	-109.44
824.250	-92.02	-10.79	-55.81	-47.00	-39.04	-67.55	-153.59	66.44	-220.02	-110	-110.02
826.625	-92.51	-10.79	-55.89	-47.41	-39.43	-67.85	-154.69	66.44	-221.12	-110	-111.12
829.000	-93.16	-10.79	-55.69	-48.26	-40.43	-67.80	-156.49	66.44	-222.92	-110	-112.92
831.375	-93.03	-10.79	-55.71	-48.11	-41.25	-67.91	-157.28	66.44	-223.71	-110	-113.71
833.750	-93.24	-10.79	-55.73	-48.30	-42.23	-68.08	-158.61	66.44	-225.05	-110	-115.05
836.125	-92.57	-10.79	-55.70	-47.66	-42.99	-68.07	-158.72	66.44	-225.15	-110	-115.15
838.500	-92.94	-10.79	-55.58	-48.15	-43.35	-66.90	-158.40	66.44	-224.84	-110	-114.84

840.875	-92.75	-10.79	-55.33	-48.21	-43.51	-66.57	-158.29	66.44	-224.73	-110	-114.73
843.250	-92.53	-10.79	-55.45	-47.87	-43.46	-66.03	-157.36	66.44	-223.80	-110	-113.80
845.625	-92.93	-10.79	-55.45	-48.26	-43.45	-65.26	-156.98	66.44	-223.41	-110	-113.41
848.000	-92.98	-10.79	-55.49	-48.28	-43.67	-65.28	-157.23	66.44	-223.67	-110	-113.67
850.375	-92.51	-10.79	-55.66	-47.64	-44.57	-65.63	-157.84	66.44	-224.28	-110	-114.28
852.750	-92.65	-10.79	-55.72	-47.73	-45.41	-66.19	-159.32	66.44	-225.76	-110	-115.76
855.125	-92.76	-10.79	-55.69	-47.85	-46.96	-66.25	-161.07	66.44	-227.50	-110	-117.50
857.500	-92.63	-10.79	-55.92	-47.50	-47.84	-66.13	-161.47	66.44	-227.91	-110	-117.91
859.875	-92.68	-10.79	-55.88	-47.59	-48.63	-65.93	-162.15	66.44	-228.58	-110	-118.58
862.250	-92.63	-10.79	-55.87	-47.55	-48.98	-65.60	-162.13	66.44	-228.56	-110	-118.56
864.625	-92.16	-10.79	-55.80	-47.15	-48.99	-64.25	-160.39	66.44	-226.82	-110	-116.82
867.000	-92.52	-10.79	-55.97	-47.34	-48.69	-62.91	-158.94	66.44	-225.38	-110	-115.38
869.375	-92.38	-10.79	-55.80	-47.37	-48.72	-62.76	-158.85	66.44	-225.28	-110	-115.28
871.750	-92.08	-10.79	-55.75	-47.13	-48.80	-62.53	-158.45	66.44	-224.89	-110	-114.89
874.125	-91.11	-10.79	-55.77	-46.12	-49.59	-62.64	-158.36	66.44	-224.79	-110	-114.79
876.500	-91.11	-10.79	-55.80	-46.10	-50.43	-62.72	-159.25	66.44	-225.68	-110	-115.68
878.875	-91.12	-10.79	-55.83	-46.08	-51.66	-63.23	-160.97	66.44	-227.40	-110	-117.40
881.250	-91.11	-10.79	-55.53	-46.37	-52.29	-62.82	-161.48	66.44	-227.92	-110	-117.92
883.625	-90.36	-10.79	-55.82	-45.33	-52.87	-62.53	-160.73	66.44	-227.16	-110	-117.16
886.000	-90.55	-10.79	-55.71	-45.63	-52.81	-61.20	-159.65	66.44	-226.08	-110	-116.08
888.375	-90.22	-10.79	-55.77	-45.24	-52.88	-60.45	-158.57	66.44	-225.01	-110	-115.01
890.750	-90.06	-10.79	-55.81	-45.04	-52.73	-59.48	-157.25	66.44	-223.68	-110	-113.68
893.125	-89.58	-10.79	-55.83	-44.54	-52.80	-58.82	-156.15	66.44	-222.59	-110	-112.59
895.500	-89.17	-10.79	-55.85	-44.11	-53.61	-58.53	-156.24	66.44	-222.68	-110	-112.68
897.875	-88.73	-10.79	-55.87	-43.65	-54.30	-58.30	-156.25	66.44	-222.69	-110	-112.69
900.250	-88.01	-10.79	-56.06	-42.74	-55.70	-58.26	-156.70	66.44	-223.14	-110	-113.14
902.625	-87.92	-10.79	-55.64	-43.07	-56.24	-57.87	-157.18	66.44	-223.61	-110	-113.61
905.000	-87.45	-10.79	-55.95	-42.29	-56.96	-56.78	-156.03	66.44	-222.46	-110	-112.46
907.375	-86.98	-10.79	-56.09	-41.68	-57.17	-55.22	-154.07	66.44	-220.51	-110	-110.51
909.750	-86.61	-10.79	-55.95	-41.45	-56.95	-52.17	-150.57	66.44	-217.01	-110	-107.01
912.125	-86.24	-10.79	-55.90	-41.13	-56.80	-49.36	-147.28	66.44	-213.72	-110	-103.72
914.500	-86.04	-10.79	-55.85	-40.98	-56.76	-42.53	-140.26	66.44	-206.70	-110	-96.70
916.875	-86.04	-10.79	-55.95	-40.88	-57.00	-34.06	-131.94	66.44	-198.38	-110	-88.38
919.250	-86.44	-10.79	-55.65	-41.58	-57.67	-34.16	-133.41	66.44	-199.84	-110	-89.84
921.625	-86.83	-10.79	-56.00	-41.62	-58.45	-38.66	-138.73	66.44	-205.17	-110	-95.17
924.000	-87.56	-10.79	-55.91	-42.44	-59.48	-43.90	-145.82	66.44	-212.26	-110	-102.26
926.375	-87.89	-10.79	-55.96	-42.72	-59.69	-29.80	-132.21	66.44	-198.64	-110	-88.64
928.750	-88.25	-10.79	-55.92	-43.12	-60.61	-45.95	-149.68	66.44	-216.12	-110	-106.12
931.125	-88.40	-10.79	-55.78	-43.41	-60.42	-58.06	-161.89	66.44	-228.33	-110	-118.33
933.500	-88.50	-10.79	-56.03	-43.26	-60.00	-63.68	-166.94	66.44	-233.37	-110	-123.37

935.875	-88.50	-10.79	-56.18	-43.12	-60.13	-70.17	-173.42	66.44	-239.85	-110	-129.85
938.250	-87.96	-10.79	-55.77	-42.98	-60.36	-77.55	-180.88	66.44	-247.32	-110	-137.32
940.625	-87.36	-10.79	-55.89	-42.26	-60.93	-71.32	-174.51	66.44	-240.94	-110	-130.94
943.000	-86.75	-10.79	-55.88	-41.66	-61.77	-67.34	-170.77	66.44	-237.20	-110	-127.20
945.375	-86.23	-10.79	-55.91	-41.11	-62.02	-65.52	-168.65	66.44	-235.09	-110	-125.09
947.750	-85.59	-10.79	-55.76	-40.62	-62.77	-63.64	-167.03	66.44	-233.46	-110	-123.46
950.125	-84.98	-10.79	-55.90	-39.87	-63.35	-62.43	-165.65	66.44	-232.09	-110	-122.09
952.500	-84.74	-10.79	-55.84	-39.69	-63.53	-60.76	-163.99	66.44	-230.43	-110	-120.43
954.875	-84.68	-10.79	-55.88	-39.59	-63.25	-59.12	-161.96	66.44	-228.40	-110	-118.40
957.250	-84.90	-10.79	-55.71	-39.98	-63.44	-56.72	-160.14	66.44	-226.57	-110	-116.57
959.625	-84.54	-10.79	-55.94	-39.39	-63.24	-53.82	-156.44	66.44	-222.88	-110	-112.88
962.000	-84.10	-10.79	-55.89	-39.00	-63.70	-51.10	-153.80	66.44	-220.24	-110	-110.24
964.375	-83.55	-10.79	-56.00	-38.34	-64.48	-44.87	-147.69	66.44	-214.12	-110	-104.12
966.750	-82.79	-10.79	-55.73	-37.85	-65.36	-28.56	-131.76	66.44	-198.20	-110	-88.20
969.125	-82.65	-10.79	-56.01	-37.42	-65.76	-37.08	-140.26	66.44	-206.69	-110	-96.69
971.500	-82.65	-10.79	-55.97	-37.47	-66.60	-43.71	-147.78	66.44	-214.22	-110	-104.22
973.875	-83.16	-10.79	-55.92	-38.03	-66.55	-59.54	-164.12	66.44	-230.56	-110	-120.56
976.250	-83.52	-10.79	-56.10	-38.21	-66.14	-51.97	-156.33	66.44	-222.76	-110	-112.76
978.625	-84.07	-10.79	-55.75	-39.11	-65.87	-46.47	-151.45	66.44	-217.88	-110	-107.88
981.000	-83.65	-10.79	-55.67	-38.77	-65.74	-39.82	-144.32	66.44	-210.76	-110	-100.76
983.375	-81.88	-10.79	-55.86	-36.81	-66.63	-30.62	-134.06	66.44	-200.50	-110	-90.50
985.750	-80.21	-10.79	-55.75	-35.25	-66.81	-14.63	-116.68	66.44	-183.12	-110	-73.12
988.125	-79.43	-10.79	-55.53	-34.69	-67.45	-23.33	-125.47	66.44	-191.91	-110	-81.91
990.500	-79.25	-10.79	-55.52	-34.52	-68.17	-32.15	-134.85	66.44	-201.28	-110	-91.28
992.875	-78.78	-10.79	-55.54	-34.03	-68.52	-35.22	-137.78	66.44	-204.22	-110	-94.22
995.250	-80.07	-10.79	-55.52	-35.34	-69.15	-36.80	-141.30	66.44	-207.73	-110	-97.73
997.625	-82.41	-10.79	-55.54	-37.66	-69.34	-37.04	-144.05	66.44	-210.48	-110	-100.48
1000.000	-86.35	-10.79	-55.80	-41.34	-68.92	-36.41	-146.67	66.44	-213.10	-110	-103.10

Table 3
1000 – 6000 MHz

Freq	1	2	3	4	5	6	7	8	9	Limit	Margin
MHz	dBm	dB	dB	dBm	dB	dB	dB	dBm	dBm	dBc	dB
1000	-80.53	-10.79	-55.43	-35.89	-68.80	-33.19	-137.88	66.44	-204.32	-110	-94.32
1012.5	-86.08	-10.79	-55.70	-41.16	-69.91	-12.77	-123.85	66.44	-190.28	-110	-80.28
1025	-85.13	-10.79	-55.47	-40.45	-71.42	-13.08	-124.95	66.44	-191.38	-110	-81.38
1037.5	-85.38	-10.79	-55.41	-40.75	-73.69	-3.67	-118.11	66.44	-184.55	-110	-74.55
1050	-81.72	-10.79	-55.55	-36.96	-73.41	-24.81	-135.18	66.44	-201.61	-110	-91.61
1062.5	-71.46	-10.79	-55.75	-26.51	-77.87	-30.59	-134.97	66.44	-201.40	-110	-91.40

1075	-58.77	-10.79	-55.39	-14.17	-77.17	-25.51	-116.85	66.44	-183.28	-110	-73.28
1087.5	-35.77	-10.79	-55.53	8.97	-79.64	-32.20	-102.87	66.44	-169.31	-110	-59.31
1100	-38.94	-10.79	-55.72	5.99	-80.75	-33.07	-107.83	66.44	-174.26	-110	-64.26
1112.5	-74.87	-10.79	-55.70	-29.96	-80.14	-32.73	-142.83	66.44	-209.26	-110	-99.26
1125	-89.04	-10.79	-55.64	-44.19	-79.33	-34.65	-158.18	66.44	-224.61	-110	-114.61
1137.5	-90.76	-10.79	-55.91	-45.64	-79.71	-14.20	-139.54	66.44	-205.97	-110	-95.97
1150	-92.38	-10.79	-55.86	-47.31	-80.15	-27.39	-154.85	66.44	-221.29	-110	-111.29
1162.5	-93.74	-10.79	-55.91	-48.62	-79.71	-26.18	-154.51	66.44	-220.94	-110	-110.94
1175	-93.99	-10.79	-55.61	-49.17	-80.10	-9.96	-139.23	66.44	-205.67	-110	-95.67
1187.5	-97.25	-10.79	-55.30	-52.74	-79.63	-6.73	-139.10	66.44	-205.54	-110	-95.54
1200	-96.75	-10.79	-55.89	-51.65	-78.83	-14.03	-144.51	66.44	-210.94	-110	-100.94
1212.5	-96.33	-10.79	-55.59	-51.53	-79.21	-21.66	-152.39	66.44	-218.83	-110	-108.83
1225	-96.92	-10.79	-55.19	-52.53	-79.20	-29.28	-161.01	66.44	-227.44	-110	-117.44
1237.5	-95.50	-10.79	-55.43	-50.86	-79.14	-33.04	-163.03	66.44	-229.47	-110	-119.47
1250	-96.66	-10.79	-55.59	-51.86	-79.96	-34.82	-166.64	66.44	-233.07	-110	-123.07
1262.5	-95.04	-10.79	-55.34	-50.49	-79.33	-35.33	-165.15	66.44	-231.58	-110	-121.58
1275	-96.91	-10.79	-55.38	-52.32	-78.44	-38.14	-168.89	66.44	-235.33	-110	-125.33
1287.5	-96.20	-10.79	-55.61	-51.38	-79.01	-38.26	-168.65	66.44	-235.09	-110	-125.09
1300	-96.22	-10.79	-55.66	-51.35	-79.85	-42.46	-173.66	66.44	-240.09	-110	-130.09
1312.5	-95.40	-10.79	-55.31	-50.89	-79.62	-26.55	-157.05	66.44	-223.49	-110	-113.49
1325	-95.01	-10.79	-55.59	-50.21	-79.70	-17.67	-147.58	66.44	-214.01	-110	-104.01
1337.5	-95.85	-10.79	-55.65	-50.99	-78.52	-32.87	-162.38	66.44	-228.82	-110	-118.82
1350	-95.77	-10.79	-55.54	-51.02	-77.58	-31.25	-159.85	66.44	-226.28	-110	-116.28
1362.5	-95.34	-10.79	-55.59	-50.54	-79.69	-32.30	-162.53	66.44	-228.96	-110	-118.96
1375	-95.44	-10.79	-55.20	-51.02	-78.59	-29.62	-159.23	66.44	-225.66	-110	-115.66
1387.5	-95.05	-10.79	-55.36	-50.48	-79.58	-27.65	-157.71	66.44	-224.15	-110	-114.15
1400	-94.21	-10.79	-55.35	-49.65	-79.37	-24.61	-153.63	66.44	-220.06	-110	-110.06
1412.5	-95.24	-10.79	-54.70	-51.33	-78.18	-21.30	-150.80	66.44	-217.24	-110	-107.24
1425	-95.44	-10.79	-54.70	-51.53	-78.66	-17.65	-147.83	66.44	-214.27	-110	-104.27
1437.5	-96.01	-10.79	-54.90	-51.89	-79.52	-12.07	-143.49	66.44	-209.92	-110	-99.92
1450	-94.31	-10.79	-54.33	-50.77	-79.38	-11.95	-142.09	66.44	-208.53	-110	-98.53
1462.5	-96.04	-10.79	-54.16	-52.67	-79.36	-11.40	-143.43	66.44	-209.87	-110	-99.87
1475	-93.82	-10.79	-54.70	-49.91	-78.60	-14.12	-142.63	66.44	-209.06	-110	-99.06
1487.5	-92.77	-10.79	-54.40	-49.16	-78.74	-15.88	-143.78	66.44	-210.22	-110	-100.22
1500	-93.90	-10.79	-53.89	-50.80	-79.22	-10.36	-140.38	66.44	-206.81	-110	-96.81
1512.5	-92.69	-10.79	-53.93	-49.55	-78.58	-18.87	-146.99	66.44	-213.43	-110	-103.43
1525	-92.07	-10.79	-54.37	-48.48	-78.30	-17.62	-144.40	66.44	-210.84	-110	-100.84
1537.5	-92.01	-10.79	-54.37	-48.42	-78.17	-19.10	-145.70	66.44	-212.13	-110	-102.13
1550	-92.55	-10.79	-54.04	-49.30	-75.73	-16.05	-141.07	66.44	-207.51	-110	-97.51
1562.5	-90.86	-10.79	-54.05	-47.60	-79.04	-16.38	-143.01	66.44	-209.45	-110	-99.45

1575	-90.84	-10.79	-54.39	-47.24	-78.09	-11.90	-137.23	66.44	-203.67	-110	-93.67
1587.5	-89.16	-10.79	-54.19	-45.76	-79.42	-9.20	-134.38	66.44	-200.82	-110	-90.82
1600	-79.43	-10.79	-53.83	-36.38	-68.96	-8.28	-113.62	66.44	-180.06	-110	-70.06
1612.5	-68.09	-10.79	-54.47	-24.41	-78.37	-9.93	-112.71	66.44	-179.15	-110	-69.15
1625	-31.92	-10.79	-54.51	11.80	-78.08	-10.01	-76.29	66.44	-142.73	-110	-32.73
1637.5	-27.27	-10.79	-53.98	15.92	-78.60	-21.46	-84.14	66.44	-150.57	-110	-40.57
1650	-43.27	-10.79	-53.96	-0.11	-78.34	-10.82	-89.26	66.44	-155.70	-110	-45.70
1662.5	-68.95	-10.79	-54.22	-25.52	-78.62	-22.55	-126.68	66.44	-193.12	-110	-83.12
1675	-74.92	-10.79	-53.92	-31.78	-77.53	-10.01	-119.32	66.44	-185.76	-110	-75.76
1687.5	-84.40	-10.79	-53.81	-41.38	-78.60	-10.72	-130.71	66.44	-197.14	-110	-87.14
1700	-85.57	-10.79	-53.85	-42.51	-77.72	-10.70	-130.94	66.44	-197.37	-110	-87.37
1712.5	-87.49	-10.79	-53.96	-44.32	-77.96	-27.62	-149.90	66.44	-216.33	-110	-106.33
1725	-88.24	-10.79	-53.87	-45.16	-60.60	-26.53	-132.29	66.44	-198.72	-110	-88.72
1737.5	-91.04	-10.79	-53.75	-48.08	-78.10	-21.63	-147.81	66.44	-214.25	-110	-104.25
1750	-92.72	-10.79	-54.40	-49.11	-76.97	-18.66	-144.74	66.44	-211.18	-110	-101.18
1762.5	-94.33	-10.79	-54.70	-50.42	-77.62	-12.93	-140.96	66.44	-207.40	-110	-97.40
1775	-94.34	-10.79	-54.19	-50.94	-78.02	-10.67	-139.63	66.44	-206.07	-110	-96.07
1787.5	-94.74	-10.79	-53.88	-51.65	-77.61	-7.98	-137.24	66.44	-203.67	-110	-93.67
1800	-95.45	-10.79	-54.50	-51.74	-76.90	-7.58	-136.22	66.44	-202.65	-110	-92.65
1812.5	-94.78	-10.79	-54.78	-50.79	-77.62	-11.86	-140.27	66.44	-206.70	-110	-96.70
1825	-94.95	-10.79	-55.04	-50.70	-77.34	-15.79	-143.82	66.44	-210.25	-110	-100.25
1837.5	-95.48	-10.79	-55.48	-50.79	-77.90	-20.37	-149.05	66.44	-215.49	-110	-105.49
1850	-94.27	-10.79	-55.31	-49.75	-76.04	-15.79	-141.57	66.44	-208.01	-110	-98.01
1862.5	-94.85	-10.79	-55.26	-50.39	-77.58	-0.92	-128.88	66.44	-195.32	-110	-85.32
1875	-94.31	-10.79	-55.05	-50.05	-77.28	-4.54	-131.88	66.44	-198.31	-110	-88.31
1887.5	-94.44	-10.79	-54.89	-50.35	-77.48	-1.83	-129.66	66.44	-196.10	-110	-86.10
1900	-94.72	-10.79	-55.42	-50.09	-78.07	-5.59	-133.75	66.44	-200.18	-110	-90.18
1912.5	-93.75	-10.79	-54.84	-49.70	-77.53	-5.51	-132.74	66.44	-199.17	-110	-89.17
1925	-93.54	-10.79	-54.50	-49.83	-77.37	-4.43	-131.63	66.44	-198.07	-110	-88.07
1937.5	-93.88	-10.79	-54.96	-49.71	-77.33	-4.31	-131.36	66.44	-197.79	-110	-87.79
1950	-92.87	-10.79	-55.07	-48.59	-76.74	-14.70	-140.03	66.44	-206.46	-110	-96.46
1962.5	-93.89	-10.79	-54.18	-50.50	-76.40	-3.81	-130.71	66.44	-197.15	-110	-87.15
1975	-92.57	-10.79	-54.43	-48.92	-76.38	-14.84	-140.14	66.44	-206.58	-110	-96.58
1987.5	-91.29	-10.79	-54.44	-47.64	-77.49	-3.97	-129.10	66.44	-195.54	-110	-85.54
2000	-91.75	-10.79	-54.71	-47.83	-78.61	-22.61	-149.05	66.44	-215.49	-110	-105.49
2012.5	-90.79	-10.79	-53.94	-47.64	-76.84	-26.37	-150.85	66.44	-217.29	-110	-107.29
2025	-89.22	-10.79	-54.23	-45.78	-75.79	-32.87	-154.43	66.44	-220.87	-110	-110.87
2037.5	-87.13	-10.79	-54.43	-43.49	-75.96	-40.92	-160.37	66.44	-226.80	-110	-116.80
2050	-86.37	-10.79	-54.04	-43.13	-75.53	-42.50	-161.16	66.44	-227.60	-110	-117.60
2062.5	-84.61	-10.79	-53.84	-41.56	-76.39	-19.21	-137.16	66.44	-203.59	-110	-93.59

2075	-85.26	-10.79	-53.61	-42.43	-75.89	-13.70	-132.02	66.44	-198.46	-110	-88.46
2087.5	-84.66	-10.79	-54.11	-41.33	-76.50	-9.38	-127.21	66.44	-193.65	-110	-83.65
2100	-88.74	-10.79	-53.15	-46.39	-75.05	-23.67	-145.11	66.44	-211.54	-110	-101.54
2112.5	-88.67	-10.79	-53.01	-46.46	-75.51	-9.55	-131.52	66.44	-197.95	-110	-87.95
2125	-88.01	-10.79	-53.28	-45.53	-75.57	-21.82	-142.92	66.44	-209.35	-110	-99.35
2137.5	-90.32	-10.79	-53.17	-47.94	-76.02	-32.20	-156.16	66.44	-222.59	-110	-112.59
2150	-78.19	-10.79	-52.74	-36.24	-75.71	-49.72	-161.66	66.44	-228.10	-110	-118.10
2162.5	-50.50	-10.79	-52.95	-8.34	-76.54	-50.09	-134.98	66.44	-201.41	-110	-91.41
2175	-37.53	-10.79	-53.02	4.70	-75.63	-45.38	-116.31	66.44	-182.74	-110	-72.74
2187.5	-40.51	-10.79	-52.84	1.53	-75.00	-15.22	-88.68	66.44	-155.12	-110	-45.12
2200	-66.16	-10.79	-52.35	-24.61	-75.43	-28.33	-128.37	66.44	-194.80	-110	-84.80
2212.5	-83.01	-10.79	-52.27	-41.53	-74.82	-13.29	-129.64	66.44	-196.08	-110	-86.08
2225	-91.47	-10.79	-52.27	-49.99	-75.65	-8.46	-134.10	66.44	-200.54	-110	-90.54
2237.5	-93.41	-10.79	-52.54	-51.67	-75.28	-4.56	-131.51	66.44	-197.95	-110	-87.95
2250	-90.19	-10.79	-52.08	-48.90	-74.07	-2.82	-125.80	66.44	-192.23	-110	-82.23
2262.5	-91.52	-10.79	-52.79	-49.52	-75.38	-3.12	-128.02	66.44	-194.45	-110	-84.45
2275	-91.81	-10.79	-52.81	-49.79	-74.18	-15.59	-139.57	66.44	-206.00	-110	-96.00
2287.5	-90.93	-10.79	-52.23	-49.50	-74.57	-21.81	-145.88	66.44	-212.31	-110	-102.31
2300	-91.96	-10.79	-52.53	-50.22	-74.63	-6.58	-131.43	66.44	-197.87	-110	-87.87
2312.5	-93.72	-10.79	-52.92	-51.58	-74.70	-38.91	-165.19	66.44	-231.63	-110	-121.63
2325	-93.74	-10.79	-53.23	-51.29	-74.64	-15.12	-141.05	66.44	-207.49	-110	-97.49
2337.5	-92.23	-10.79	-52.76	-50.26	-75.09	-22.91	-148.26	66.44	-214.70	-110	-104.70
2350	-92.59	-10.79	-53.06	-50.32	-74.06	-7.01	-131.40	66.44	-197.83	-110	-87.83
2362.5	-92.48	-10.79	-53.48	-49.79	-75.01	-14.19	-138.98	66.44	-205.42	-110	-95.42
2375	-93.06	-10.79	-53.36	-50.50	-74.70	-17.99	-143.19	66.44	-209.62	-110	-99.62
2387.5	-92.14	-10.79	-53.02	-49.91	-74.80	-6.92	-131.63	66.44	-198.07	-110	-88.07
2400	-92.81	-10.79	-52.87	-50.73	-75.10	-21.23	-147.06	66.44	-213.50	-110	-103.50
2412.5	-92.29	-10.79	-52.84	-50.24	-74.66	-2.14	-127.04	66.44	-193.48	-110	-83.48
2425	-92.12	-10.79	-52.96	-49.95	-73.18	-2.15	-125.28	66.44	-191.71	-110	-81.71
2437.5	-92.61	-10.79	-51.79	-51.60	-74.63	-20.58	-146.81	66.44	-213.24	-110	-103.24
2450	-92.03	-10.79	-52.04	-50.78	-74.05	-20.55	-145.38	66.44	-211.82	-110	-101.82
2462.5	-92.86	-10.79	-52.21	-51.44	-74.32	-16.00	-141.77	66.44	-208.20	-110	-98.20
2475	-91.80	-10.79	-51.49	-51.10	-74.92	-26.57	-152.59	66.44	-219.02	-110	-109.02
2487.5	-92.46	-10.79	-51.11	-52.14	-74.75	-24.63	-151.53	66.44	-217.96	-110	-107.96
2500	-91.75	-10.79	-51.50	-51.05	-74.42	-30.34	-155.81	66.44	-222.25	-110	-112.25
2512.5	-92.04	-10.79	-51.04	-51.79	-73.30	-38.82	-163.91	66.44	-230.34	-110	-120.34
2525	-92.51	-10.79	-50.53	-52.77	-74.17	-35.14	-162.08	66.44	-228.52	-110	-118.52
2537.5	-92.29	-10.79	-50.77	-52.31	-74.20	-31.43	-157.94	66.44	-224.38	-110	-114.38
2550	-92.22	-10.79	-50.65	-52.37	-73.66	-22.49	-148.52	66.44	-214.96	-110	-104.96
2562.5	-93.02	-10.79	-50.96	-52.85	-74.06	-7.31	-134.22	66.44	-200.65	-110	-90.65

2575	-91.60	-10.79	-50.85	-51.54	-73.59	-20.94	-146.07	66.44	-212.51	-110	-102.51
2587.5	-91.88	-10.79	-50.47	-52.20	-72.87	-29.11	-154.18	66.44	-220.61	-110	-110.61
2600	-92.01	-10.79	-50.42	-52.38	-73.81	-27.41	-153.60	66.44	-220.04	-110	-110.04
2612.5	-91.53	-10.79	-50.54	-51.78	-74.39	-18.26	-144.43	66.44	-210.86	-110	-100.86
2625	-92.69	-10.79	-50.17	-53.30	-74.54	-16.11	-143.96	66.44	-210.39	-110	-100.39
2637.5	-91.35	-10.79	-50.18	-51.95	-74.27	-38.40	-164.62	66.44	-231.05	-110	-121.05
2650	-89.82	-10.79	-49.97	-50.63	-73.94	-38.92	-163.49	66.44	-229.93	-110	-119.93
2662.5	-90.18	-10.79	-49.45	-51.52	-74.30	-17.98	-143.79	66.44	-210.23	-110	-100.23
2675	-90.47	-10.79	-48.94	-52.32	-72.93	-18.74	-144.00	66.44	-210.43	-110	-100.43
2687.5	-85.51	-10.79	-48.70	-47.61	-73.91	-19.99	-141.51	66.44	-207.94	-110	-97.94
2700	-77.42	-10.79	-48.97	-39.25	-73.78	-10.18	-123.21	66.44	-189.64	-110	-79.64
2712.5	-54.64	-10.79	-47.48	-17.95	-73.74	-19.88	-111.57	66.44	-178.00	-110	-68.00
2725	-49.25	-10.79	-47.80	-12.25	-70.08	-27.07	-109.40	66.44	-175.83	-110	-65.83
2737.5	-57.02	-10.79	-48.22	-19.59	-53.73	-17.37	-90.69	66.44	-157.12	-110	-47.12
2750	-84.78	-10.79	-47.43	-48.15	-44.37	-9.68	-102.20	66.44	-168.63	-110	-58.63
2762.5	-91.24	-10.79	-47.41	-54.62	-37.45	-2.81	-94.88	66.44	-161.31	-110	-51.31
2775	-92.34	-10.79	-47.31	-55.82	-55.24	-9.28	-120.34	66.44	-186.77	-110	-76.77
2787.5	-91.50	-10.79	-47.62	-54.67	-67.12	-7.07	-128.85	66.44	-195.29	-110	-85.29
2800	-92.44	-10.79	-47.49	-55.74	-70.59	-2.51	-128.84	66.44	-195.28	-110	-85.28
2812.5	-92.27	-10.79	-47.49	-55.57	-73.12	-6.93	-135.62	66.44	-202.05	-110	-92.05
2825	-92.88	-10.79	-47.08	-56.59	-73.54	-0.75	-130.89	66.44	-197.32	-110	-87.32
2837.5	-93.01	-10.79	-47.62	-56.18	-74.55	-2.71	-133.43	66.44	-199.86	-110	-89.86
2850	-92.11	-10.79	-47.50	-55.39	-73.99	-2.25	-131.64	66.44	-198.07	-110	-88.07
2862.5	-92.09	-10.79	-47.34	-55.54	-74.47	-14.28	-144.29	66.44	-210.73	-110	-100.73
2875	-93.30	-10.79	-47.27	-56.82	-74.42	-4.94	-136.18	66.44	-202.61	-110	-92.61
2887.5	-93.05	-10.79	-47.56	-56.28	-74.40	-12.52	-143.20	66.44	-209.63	-110	-99.63
2900	-93.31	-10.79	-47.02	-57.08	-75.10	-1.61	-133.79	66.44	-200.22	-110	-90.22
2912.5	-93.34	-10.79	-47.04	-57.10	-74.36	-4.09	-135.55	66.44	-201.98	-110	-91.98
2925	-92.43	-10.79	-47.70	-55.52	-74.72	-0.74	-130.97	66.44	-197.41	-110	-87.41
2937.5	-93.07	-10.79	-47.44	-56.42	-74.23	-1.56	-132.21	66.44	-198.65	-110	-88.65
2950	-91.29	-10.79	-47.69	-54.39	-74.21	-4.96	-133.56	66.44	-200.00	-110	-90.00
2962.5	-93.04	-10.79	-47.81	-56.02	-74.25	-1.95	-132.22	66.44	-198.65	-110	-88.65
2975	-91.82	-10.79	-49.93	-52.67	-73.34	-10.67	-136.68	66.44	-203.11	-110	-93.11
2987.5	-92.04	-10.79	-50.49	-52.34	-73.22	-17.36	-142.92	66.44	-209.36	-110	-99.36
3000	-91.93	-10.79	-50.54	-52.18	-73.86	-4.66	-130.70	66.44	-197.14	-110	-87.14
3012.5	-91.76	-10.79	-49.51	-53.04	-68.09	-12.45	-133.58	66.44	-200.01	-110	-90.01
3025	-91.93	-10.79	-46.43	-56.29	-57.63	-6.90	-120.82	66.44	-187.26	-110	-77.26
3037.5	-92.43	-10.79	-44.66	-58.56	-42.33	-0.79	-101.68	66.44	-168.12	-110	-58.12
3050	-92.43	-10.79	-43.74	-59.47	-23.60	-1.60	-84.68	66.44	-151.11	-110	-41.11
3062.5	-92.21	-10.79	-46.36	-56.64	-43.13	-14.22	-113.99	66.44	-180.43	-110	-70.43

3075	-92.35	-10.79	-45.95	-57.19	-38.31	-7.59	-103.10	66.44	-169.53	-110	-59.53
3087.5	-91.12	-10.79	-44.94	-56.97	-32.40	-6.80	-96.17	66.44	-162.61	-110	-52.61
3100	-91.66	-10.79	-44.51	-57.94	-70.20	-3.22	-131.36	66.44	-197.80	-110	-87.80
3112.5	-91.64	-10.79	-44.44	-57.99	-72.22	-1.95	-132.16	66.44	-198.60	-110	-88.60
3125	-92.07	-10.79	-42.91	-59.96	-72.95	-7.81	-140.72	66.44	-207.16	-110	-97.16
3137.5	-91.87	-10.79	-42.18	-60.48	-72.77	-12.55	-145.80	66.44	-212.24	-110	-102.24
3150	-91.75	-10.79	-42.00	-60.54	-72.68	-8.38	-141.61	66.44	-208.04	-110	-98.04
3162.5	-90.08	-10.79	-40.18	-60.68	-72.22	-1.34	-134.25	66.44	-200.68	-110	-90.68
3175	-90.10	-10.79	-38.71	-62.18	-73.09	-3.38	-138.65	66.44	-205.08	-110	-95.08
3187.5	-92.13	-10.79	-37.53	-65.38	-72.31	-12.35	-150.04	66.44	-216.48	-110	-106.48
3200	-91.70	-10.79	-36.72	-65.77	-73.09	-18.36	-157.22	66.44	-223.65	-110	-113.65
3212.5	-92.11	-10.79	-33.78	-69.12	-71.94	-7.30	-148.35	66.44	-214.79	-110	-104.79
3225	-74.26	-10.79	-28.83	-56.22	-72.03	-5.25	-133.49	66.44	-199.93	-110	-89.93
3237.5	-70.93	-10.79	-22.68	-59.04	-72.86	-17.68	-149.58	66.44	-216.02	-110	-106.02
3250	-75.03	-10.79	-20.09	-65.73	-72.63	-8.86	-147.21	66.44	-213.65	-110	-103.65
3262.5	-65.34	-10.79	-24.80	-51.32	-72.22	-12.95	-136.49	66.44	-202.93	-110	-92.93
3275	-65.58	-10.79	-34.69	-41.68	-72.79	-8.99	-123.45	66.44	-189.89	-110	-79.89
3287.5	-75.93	-10.79	-35.44	-51.28	-72.25	-8.08	-131.61	66.44	-198.04	-110	-88.04
3300	-80.95	-10.79	-29.21	-62.53	-72.31	-6.08	-140.92	66.44	-207.36	-110	-97.36
3312.5	-90.79	-10.79	-38.65	-62.93	-73.28	-16.42	-152.63	66.44	-219.06	-110	-109.06
3325	-91.73	-10.79	-47.17	-55.35	-73.54	-7.52	-136.41	66.44	-202.85	-110	-92.85
3337.5	-90.85	-10.79	-51.32	-50.32	-73.09	-5.10	-128.50	66.44	-194.94	-110	-84.94
3350	-92.26	-10.79	-54.63	-48.42	-73.27	-4.74	-126.44	66.44	-192.87	-110	-82.87
3362.5	-91.68	-10.79	-48.75	-53.72	-73.01	-4.93	-131.65	66.44	-198.09	-110	-88.09
3375	-93.02	-10.79	-44.51	-59.30	-72.81	-0.74	-132.86	66.44	-199.29	-110	-89.29
3387.5	-92.38	-10.79	-40.40	-62.77	-72.62	-7.54	-142.93	66.44	-209.36	-110	-99.36
3400	-92.11	-10.79	-39.15	-63.75	-73.32	-16.39	-153.46	66.44	-219.90	-110	-109.90
3412.5	-92.94	-10.79	-40.50	-63.23	-72.78	-6.54	-142.56	66.44	-208.99	-110	-98.99
3425	-92.16	-10.79	-40.67	-62.28	-59.99	-11.53	-133.80	66.44	-200.24	-110	-90.24
3437.5	-92.69	-10.79	-41.57	-61.91	-38.39	-10.03	-110.33	66.44	-176.76	-110	-66.76
3450	-92.45	-10.79	-40.40	-62.84	-33.71	-1.23	-97.78	66.44	-164.21	-110	-54.21
3462.5	-93.26	-10.79	-32.70	-71.35	-22.72	-1.76	-95.83	66.44	-162.26	-110	-52.26
3475	-91.90	-10.79	-45.75	-56.94	-51.74	-13.38	-122.06	66.44	-188.50	-110	-78.50
3487.5	-93.34	-10.79	-46.56	-57.58	-40.97	-9.97	-108.51	66.44	-174.95	-110	-64.95
3500	-93.05	-10.79	-44.60	-59.24	-55.18	-1.14	-115.55	66.44	-181.99	-110	-71.99
3512.5	-91.98	-10.79	-35.38	-67.39	-35.76	-2.01	-105.16	66.44	-171.60	-110	-61.60
3525	-92.28	-10.79	-35.47	-67.60	-35.04	-5.01	-107.65	66.44	-174.09	-110	-64.09
3537.5	-92.58	-10.79	-35.06	-68.31	-62.47	-2.77	-133.56	66.44	-199.99	-110	-89.99
3550	-91.87	-10.79	-34.16	-68.49	-70.89	-7.03	-146.42	66.44	-212.86	-110	-102.86
3562.5	-91.08	-10.79	-33.89	-67.98	-72.82	-8.08	-148.88	66.44	-215.31	-110	-105.31

3575	-92.18	-10.79	-31.51	-71.47	-73.63	-5.53	-150.62	66.44	-217.06	-110	-107.06
3587.5	-92.26	-10.79	-28.60	-74.45	-72.58	-4.22	-151.25	66.44	-217.68	-110	-107.68
3600	-89.02	-10.79	-39.56	-60.25	-71.95	-15.20	-147.40	66.44	-213.84	-110	-103.84
3612.5	-91.09	-10.79	-38.78	-63.10	-70.94	-3.48	-137.53	66.44	-203.97	-110	-93.97
3625	-91.47	-10.79	-38.08	-64.18	-72.39	-9.23	-145.80	66.44	-212.24	-110	-102.24
3637.5	-91.06	-10.79	-37.63	-64.22	-72.24	-14.32	-150.78	66.44	-217.21	-110	-107.21
3650	-90.96	-10.79	-37.67	-64.08	-72.50	-5.67	-142.25	66.44	-208.68	-110	-98.68
3662.5	-91.68	-10.79	-36.99	-65.48	-71.23	-5.56	-142.28	66.44	-208.71	-110	-98.71
3675	-91.74	-10.79	-36.91	-65.63	-72.49	-3.28	-141.40	66.44	-207.83	-110	-97.83
3687.5	-92.31	-10.79	-35.98	-67.12	-72.94	-10.37	-150.44	66.44	-216.87	-110	-106.87
3700	-91.98	-10.79	-38.52	-64.25	-71.78	-13.53	-149.56	66.44	-215.99	-110	-105.99
3712.5	-92.27	-10.79	-37.62	-65.45	-72.63	-6.99	-145.07	66.44	-211.50	-110	-101.50
3725	-92.72	-10.79	-36.03	-67.48	-72.37	-12.89	-152.74	66.44	-219.17	-110	-109.17
3737.5	-92.29	-10.79	-35.26	-67.82	-72.71	-7.59	-148.12	66.44	-214.55	-110	-104.55
3750	-92.25	-10.79	-35.27	-67.77	-73.27	-5.81	-146.85	66.44	-213.29	-110	-103.29
3762.5	-92.46	-10.79	-38.08	-65.17	-72.32	-13.34	-150.83	66.44	-217.27	-110	-107.27
3775	-91.70	-10.79	-40.35	-62.14	-72.98	-9.11	-144.22	66.44	-210.66	-110	-100.66
3787.5	-92.27	-10.79	-45.13	-57.93	-72.33	-4.61	-134.86	66.44	-201.30	-110	-91.30
3800	-92.41	-10.79	-48.96	-54.24	-71.36	-7.08	-132.69	66.44	-199.12	-110	-89.12
3812.5	-83.45	-10.79	-49.08	-45.16	-70.90	-3.44	-119.50	66.44	-185.93	-110	-75.93
3825	-91.24	-10.79	-48.87	-53.15	-71.56	-6.28	-130.99	66.44	-197.42	-110	-87.42
3837.5	-91.13	-10.79	-46.68	-55.25	-72.18	-7.97	-135.39	66.44	-201.83	-110	-91.83
3850	-91.55	-10.79	-43.64	-58.70	-71.55	-7.59	-137.84	66.44	-204.27	-110	-94.27
3862.5	-91.17	-10.79	-43.67	-58.29	-71.77	-6.56	-136.63	66.44	-203.07	-110	-93.07
3875	-91.13	-10.79	-40.93	-60.99	-71.83	-6.01	-138.83	66.44	-205.27	-110	-95.27
3887.5	-90.45	-10.79	-39.20	-62.03	-71.94	-8.01	-141.98	66.44	-208.42	-110	-98.42
3900	-91.04	-10.79	-44.60	-57.23	-71.05	-9.19	-137.46	66.44	-203.90	-110	-93.90
3912.5	-90.46	-10.79	-42.84	-58.41	-71.18	-9.85	-139.44	66.44	-205.87	-110	-95.87
3925	-90.55	-10.79	-42.01	-59.33	-70.80	-6.26	-136.39	66.44	-202.83	-110	-92.83
3937.5	-89.82	-10.79	-40.43	-60.17	-71.46	-5.44	-137.07	66.44	-203.51	-110	-93.51
3950	-90.45	-10.79	-40.02	-61.23	-70.95	-3.69	-135.87	66.44	-202.31	-110	-92.31
3962.5	-90.32	-10.79	-40.06	-61.05	-71.95	-3.78	-136.78	66.44	-203.22	-110	-93.22
3975	-91.24	-10.79	-38.28	-63.75	-71.01	-15.08	-149.84	66.44	-216.27	-110	-106.27
3987.5	-90.82	-10.79	-37.85	-63.76	-71.83	-5.54	-141.13	66.44	-207.57	-110	-97.57
4000	-91.39	-10.79	-37.38	-64.80	-71.65	-17.20	-153.65	66.44	-220.08	-110	-110.08
4012.5	-91.09	-10.79	-36.63	-65.26	-72.76	-11.11	-149.12	66.44	-215.56	-110	-105.56
4025	-92.53	-10.79	-36.04	-67.28	-71.54	-10.02	-148.84	66.44	-215.27	-110	-105.27
4037.5	-91.94	-10.79	-35.83	-66.90	-71.36	-14.77	-153.03	66.44	-219.46	-110	-109.46
4050	-93.28	-10.79	-34.89	-69.19	-72.31	-12.40	-153.89	66.44	-220.33	-110	-110.33
4062.5	-93.02	-10.79	-36.94	-66.86	-72.60	-13.79	-153.26	66.44	-219.69	-110	-109.69

4075	-93.57	-10.79	-34.47	-69.89	-71.49	-10.54	-151.92	66.44	-218.35	-110	-108.35
4087.5	-94.00	-10.79	-33.67	-71.12	-72.23	-4.80	-148.15	66.44	-214.59	-110	-104.59
4100	-93.99	-10.79	-32.72	-72.06	-73.33	-18.40	-163.79	66.44	-230.23	-110	-120.23
4112.5	-93.97	-10.79	-31.62	-73.14	-74.07	-12.57	-159.78	66.44	-226.22	-110	-116.22
4125	-94.08	-10.79	-30.24	-74.63	-71.91	-7.61	-154.15	66.44	-220.59	-110	-110.59
4137.5	-94.64	-10.79	-36.88	-68.55	-70.82	-14.77	-154.14	66.44	-220.58	-110	-110.58
4150	-94.38	-10.79	-37.37	-67.80	-67.00	-17.44	-152.24	66.44	-218.67	-110	-108.67
4162.5	-94.06	-10.79	-39.50	-65.35	-70.61	-11.24	-147.20	66.44	-213.64	-110	-103.64
4175	-94.30	-10.79	-42.21	-62.89	-71.20	-10.59	-144.67	66.44	-211.11	-110	-101.11
4187.5	-94.07	-10.79	-43.97	-60.89	-69.04	-6.82	-136.75	66.44	-203.18	-110	-93.18
4200	-93.55	-10.79	-46.54	-57.80	-61.80	-6.35	-125.95	66.44	-192.39	-110	-82.39
4212.5	-93.46	-10.79	-49.15	-55.10	-28.75	-6.87	-90.72	66.44	-157.15	-110	-47.15
4225	-93.70	-10.79	-50.31	-54.18	-54.24	-7.82	-116.24	66.44	-182.67	-110	-72.67
4237.5	-93.25	-10.79	-48.68	-55.35	-58.91	-8.16	-122.42	66.44	-188.86	-110	-78.86
4250	-92.48	-10.79	-44.02	-59.25	-58.22	-7.66	-125.13	66.44	-191.57	-110	-81.57
4262.5	-92.47	-10.79	-42.70	-60.55	-62.21	-6.76	-129.52	66.44	-195.96	-110	-85.96
4275	-91.48	-10.79	-48.08	-54.19	-68.46	-6.88	-129.53	66.44	-195.96	-110	-85.96
4287.5	-90.93	-10.79	-46.72	-54.99	-72.09	-8.90	-135.99	66.44	-202.42	-110	-92.42
4300	-91.40	-10.79	-45.98	-56.21	-72.39	-10.82	-139.42	66.44	-205.85	-110	-95.85
4312.5	-90.75	-10.79	-42.82	-58.72	-71.65	-8.95	-139.32	66.44	-205.76	-110	-95.76
4325	-89.68	-10.79	-40.83	-59.64	-71.87	-2.41	-133.91	66.44	-200.35	-110	-90.35
4337.5	-90.41	-10.79	-39.90	-61.30	-68.12	-11.18	-140.61	66.44	-207.04	-110	-97.04
4350	-88.02	-10.79	-38.77	-60.05	-57.99	-13.21	-131.24	66.44	-197.68	-110	-87.68
4362.5	-86.65	-10.79	-37.88	-59.55	-36.29	-17.27	-113.12	66.44	-179.55	-110	-69.55
4375	-89.65	-10.79	-37.66	-62.78	-59.55	-15.01	-137.34	66.44	-203.77	-110	-93.77
4387.5	-90.32	-10.79	-37.54	-63.57	-66.24	-16.05	-145.86	66.44	-212.29	-110	-102.29
4400	-91.64	-10.79	-36.83	-65.60	-67.88	-18.25	-151.73	66.44	-218.16	-110	-108.16
4412.5	-92.09	-10.79	-37.01	-65.87	-70.36	-12.69	-148.92	66.44	-215.35	-110	-105.35
4425	-91.79	-10.79	-36.61	-65.98	-69.54	-5.82	-141.33	66.44	-207.77	-110	-97.77
4437.5	-92.54	-10.79	-36.46	-66.87	-67.32	-9.21	-143.40	66.44	-209.84	-110	-99.84
4450	-91.98	-10.79	-29.25	-73.52	-67.20	-7.76	-148.48	66.44	-214.92	-110	-104.92
4462.5	-92.61	-10.79	-43.03	-60.36	-65.94	-4.97	-131.27	66.44	-197.71	-110	-87.71
4475	-93.36	-10.79	-42.02	-62.13	-53.80	-13.27	-129.20	66.44	-195.64	-110	-85.64
4487.5	-93.94	-10.79	-42.08	-62.65	-41.46	-5.18	-109.29	66.44	-175.73	-110	-65.73
4500	-93.84	-10.79	-36.57	-68.06	-49.67	-12.35	-130.08	66.44	-196.52	-110	-86.52
4512.5	-94.01	-10.79	-38.86	-65.94	-68.16	-17.26	-151.36	66.44	-217.80	-110	-107.80
4525	-94.10	-10.79	-39.30	-65.59	-58.84	-4.59	-129.02	66.44	-195.45	-110	-85.45
4537.5	-94.12	-10.79	-40.19	-64.73	-73.41	-4.65	-142.78	66.44	-209.22	-110	-99.22
4550	-94.24	-10.79	-40.54	-64.48	-73.81	-8.87	-147.16	66.44	-213.60	-110	-103.60
4562.5	-93.99	-10.79	-41.88	-62.90	-69.93	-2.84	-135.67	66.44	-202.10	-110	-92.10

4575	-94.45	-10.79	-42.32	-62.91	-70.99	-4.06	-137.97	66.44	-204.40	-110	-94.40
4587.5	-93.82	-10.79	-43.30	-61.30	-70.70	-11.76	-143.76	66.44	-210.20	-110	-100.20
4600	-93.85	-10.79	-44.07	-60.57	-70.37	-8.24	-139.18	66.44	-205.61	-110	-95.61
4612.5	-93.90	-10.79	-45.72	-58.98	-71.08	-3.82	-133.88	66.44	-200.32	-110	-90.32
4625	-93.21	-10.79	-44.22	-59.78	-64.70	-10.59	-135.08	66.44	-201.51	-110	-91.51
4637.5	-94.08	-10.79	-48.37	-56.50	-56.50	-5.49	-118.49	66.44	-184.92	-110	-74.92
4650	-93.57	-10.79	-49.86	-54.49	-66.67	-14.31	-135.48	66.44	-201.91	-110	-91.91
4662.5	-93.33	-10.79	-50.30	-53.82	-49.50	-12.77	-116.08	66.44	-182.52	-110	-72.52
4675	-92.96	-10.79	-49.93	-53.82	-27.96	-10.23	-92.00	66.44	-158.44	-110	-48.44
4687.5	-91.44	-10.79	-49.05	-53.19	-36.08	-16.14	-105.40	66.44	-171.84	-110	-61.84
4700	-91.72	-10.79	-45.90	-56.61	-35.81	-5.64	-98.06	66.44	-164.49	-110	-54.49
4712.5	-90.27	-10.79	-46.64	-54.42	-34.47	-6.44	-95.33	66.44	-161.76	-110	-51.76
4725	-91.10	-10.79	-46.96	-54.93	-35.32	-6.34	-96.58	66.44	-163.02	-110	-53.02
4737.5	-91.65	-10.79	-47.71	-54.73	-39.07	-14.31	-108.10	66.44	-174.54	-110	-64.54
4750	-91.14	-10.79	-45.78	-56.15	-38.34	-8.70	-103.20	66.44	-169.64	-110	-59.64
4762.5	-90.50	-10.79	-43.08	-58.22	-38.83	-3.59	-100.64	66.44	-167.08	-110	-57.08
4775	-90.79	-10.79	-42.84	-58.74	-40.16	-3.58	-102.48	66.44	-168.91	-110	-58.91
4787.5	-91.24	-10.79	-40.16	-61.86	-40.27	-9.85	-111.99	66.44	-178.42	-110	-68.42
4800	-92.31	-10.79	-38.27	-64.83	-39.63	-11.93	-116.39	66.44	-182.83	-110	-72.83
4812.5	-91.76	-10.79	-36.03	-66.52	-39.50	-6.20	-112.21	66.44	-178.65	-110	-68.65
4825	-91.60	-10.79	-31.91	-70.47	-32.58	-12.87	-115.92	66.44	-182.35	-110	-72.35
4837.5	-92.60	-10.79	-41.11	-62.29	-31.01	-4.92	-98.21	66.44	-164.65	-110	-54.65
4850	-92.37	-10.79	-39.21	-63.95	-26.25	-8.55	-98.75	66.44	-165.19	-110	-55.19
4862.5	-93.23	-10.79	-38.51	-65.51	-18.67	-9.69	-93.88	66.44	-160.31	-110	-50.31
4875	-93.30	-10.79	-38.42	-65.67	-13.55	-8.81	-88.03	66.44	-154.47	-110	-44.47
4887.5	-84.79	-10.79	-36.07	-59.51	-21.43	-11.11	-92.05	66.44	-158.49	-110	-48.49
4900	-70.22	-10.79	-36.49	-44.52	-30.65	-2.93	-78.10	66.44	-144.54	-110	-34.54
4912.5	-69.83	-10.79	-36.33	-44.29	-25.33	-5.81	-75.43	66.44	-141.86	-110	-31.86
4925	-93.30	-10.79	-36.05	-68.04	-15.16	-5.68	-88.88	66.44	-155.32	-110	-45.32
4937.5	-93.40	-10.79	-36.91	-67.27	-15.02	-2.64	-84.93	66.44	-151.37	-110	-41.37
4950	-93.86	-10.79	-37.17	-67.48	-20.94	-5.21	-93.62	66.44	-160.06	-110	-50.06
4962.5	-93.79	-10.79	-37.06	-67.52	-26.83	-2.75	-97.09	66.44	-163.53	-110	-53.53
4975	-93.33	-10.79	-37.37	-66.75	-29.29	-3.02	-99.07	66.44	-165.50	-110	-55.50
4987.5	-93.88	-10.79	-37.23	-67.44	-27.66	-6.80	-101.90	66.44	-168.33	-110	-58.33
5000	-93.64	-10.79	-35.19	-69.24	-21.49	-3.70	-94.43	66.44	-160.86	-110	-50.86
5012.5	-93.43	-10.79	-26.61	-77.61	-25.26	-3.84	-106.71	66.44	-173.14	-110	-63.14
5025	-93.50	-10.79	-39.71	-64.58	-22.70	-9.64	-96.92	66.44	-163.36	-110	-53.36
5037.5	-93.38	-10.79	-40.83	-63.34	-40.07	-9.73	-113.15	66.44	-179.58	-110	-69.58
5050	-93.31	-10.79	-40.49	-63.61	-35.04	-5.88	-104.53	66.44	-170.96	-110	-60.96
5062.5	-92.44	-10.79	-40.02	-63.22	-25.73	-12.88	-101.83	66.44	-168.26	-110	-58.26

5075	-92.28	-10.79	-39.74	-63.33	-17.68	-7.39	-88.40	66.44	-154.84	-110	-44.84
5087.5	-91.35	-10.79	-40.86	-61.28	-26.61	-8.25	-96.14	66.44	-162.57	-110	-52.57
5100	-92.50	-10.79	-40.84	-62.45	-34.24	-12.60	-109.29	66.44	-175.73	-110	-65.73
5112.5	-91.43	-10.79	-40.53	-61.69	-33.96	-5.25	-100.90	66.44	-167.34	-110	-57.34
5125	-91.50	-10.79	-40.30	-61.99	-32.05	-13.90	-107.95	66.44	-174.38	-110	-64.38
5137.5	-91.35	-10.79	-40.57	-61.57	-19.02	-8.54	-89.14	66.44	-155.57	-110	-45.57
5150	-90.48	-10.79	-42.30	-58.97	-18.06	-10.47	-87.50	66.44	-153.93	-110	-43.93
5162.5	-91.91	-10.79	-42.19	-60.50	-48.59	-11.65	-120.74	66.44	-187.18	-110	-77.18
5175	-90.82	-10.79	-42.25	-59.36	-34.70	-3.42	-97.48	66.44	-163.92	-110	-53.92
5187.5	-91.71	-10.79	-43.29	-59.21	-48.08	-5.65	-112.94	66.44	-179.37	-110	-69.37
5200	-91.87	-10.79	-43.27	-59.39	-59.14	-4.18	-122.70	66.44	-189.14	-110	-79.14
5212.5	-91.19	-10.79	-43.99	-57.99	-61.06	-10.83	-129.89	66.44	-196.32	-110	-86.32
5225	-91.72	-10.79	-44.03	-58.48	-68.65	-11.95	-139.08	66.44	-205.51	-110	-95.51
5237.5	-92.64	-10.79	-45.02	-58.41	-65.90	-3.76	-128.08	66.44	-194.51	-110	-84.51
5250	-93.78	-10.79	-45.48	-59.08	-64.33	-16.36	-139.77	66.44	-206.21	-110	-96.21
5262.5	-93.43	-10.79	-45.68	-58.54	-64.16	-11.81	-134.52	66.44	-200.95	-110	-90.95
5275	-94.10	-10.79	-49.14	-55.75	-65.82	-16.31	-137.87	66.44	-204.31	-110	-94.31
5287.5	-94.48	-10.79	-45.43	-59.84	-60.93	-3.01	-123.78	66.44	-190.22	-110	-80.22
5300	-94.67	-10.79	-43.57	-61.89	-58.46	-10.12	-130.47	66.44	-196.90	-110	-86.90
5312.5	-94.86	-10.79	-43.06	-62.59	-55.22	-2.76	-120.57	66.44	-187.01	-110	-77.01
5325	-95.06	-10.79	-38.81	-67.04	-49.82	-11.30	-128.15	66.44	-194.59	-110	-84.59
5337.5	-95.21	-10.79	-38.80	-67.20	-39.53	-5.42	-112.14	66.44	-178.58	-110	-68.58
5350	-95.04	-10.79	-41.91	-63.92	-26.46	-7.11	-97.48	66.44	-163.92	-110	-53.92
5362.5	-95.24	-10.79	-44.11	-61.92	-27.13	-15.83	-104.88	66.44	-171.31	-110	-61.31
5375	-95.26	-10.79	-52.34	-53.70	-26.93	-12.01	-92.65	66.44	-159.08	-110	-49.08
5387.5	-95.41	-10.79	-52.43	-53.77	-23.52	-17.70	-94.99	66.44	-161.43	-110	-51.43
5400	-95.00	-10.79	-50.91	-54.87	-35.55	-11.22	-101.64	66.44	-168.08	-110	-58.08
5412.5	-95.08	-10.79	-49.05	-56.82	-45.05	-15.10	-116.97	66.44	-183.41	-110	-73.41
5425	-94.38	-10.79	-52.73	-52.45	-47.18	-10.18	-109.81	66.44	-176.24	-110	-66.24
5437.5	-81.54	-10.79	-54.61	-37.72	-52.06	-15.94	-105.73	66.44	-172.16	-110	-62.16
5450	-79.41	-10.79	-51.92	-38.28	-50.67	-4.94	-93.90	66.44	-160.33	-110	-50.33
5462.5	-90.40	-10.79	-45.79	-55.40	-45.50	-10.81	-111.71	66.44	-178.15	-110	-68.15
5475	-93.12	-10.79	-42.46	-61.45	-36.00	-5.98	-103.42	66.44	-169.86	-110	-59.86
5487.5	-92.89	-10.79	-38.49	-65.19	-43.78	-9.18	-118.15	66.44	-184.59	-110	-74.59
5500	-93.08	-10.79	-36.87	-66.99	-48.80	-4.84	-120.63	66.44	-187.07	-110	-77.07
5512.5	-91.13	-10.79	-37.21	-64.71	-50.00	-5.30	-120.01	66.44	-186.45	-110	-76.45
5525	-91.68	-10.79	-47.22	-55.25	-29.13	-7.86	-92.24	66.44	-158.67	-110	-48.67
5537.5	-92.03	-10.79	-34.11	-68.72	-21.97	-14.32	-105.01	66.44	-171.44	-110	-61.44
5550	-90.98	-10.79	-48.36	-53.41	-37.79	-6.07	-97.27	66.44	-163.70	-110	-53.70
5562.5	-90.82	-10.79	-42.92	-58.70	-51.69	-10.59	-120.97	66.44	-187.41	-110	-77.41

5575	-91.40	-10.79	-38.18	-64.00	-52.96	-6.13	-123.09	66.44	-189.52	-110	-79.52
5587.5	-91.25	-10.79	-37.64	-64.40	-47.51	-4.48	-116.40	66.44	-182.83	-110	-72.83
5600	-92.01	-10.79	-28.40	-74.39	-27.76	-12.70	-114.85	66.44	-181.28	-110	-71.28
5612.5	-91.10	-10.79	-34.85	-67.04	-40.18	-7.11	-114.34	66.44	-180.77	-110	-70.77
5625	-92.30	-10.79	-40.93	-62.16	-48.62	-7.08	-117.87	66.44	-184.30	-110	-74.30
5637.5	-92.40	-10.79	-30.29	-72.91	-51.75	-7.59	-132.25	66.44	-198.68	-110	-88.68
5650	-92.14	-10.79	-31.10	-71.83	-64.02	-8.74	-144.60	66.44	-211.03	-110	-101.03
5662.5	-92.87	-10.79	-30.60	-73.06	-55.06	-12.00	-140.12	66.44	-206.56	-110	-96.56
5675	-93.37	-10.79	-29.87	-74.29	-53.17	-5.18	-132.64	66.44	-199.07	-110	-89.07
5687.5	-93.53	-10.79	-30.12	-74.20	-59.60	-6.86	-140.66	66.44	-207.10	-110	-97.10
5700	-93.41	-10.79	-30.95	-73.24	-67.60	-18.23	-159.08	66.44	-225.51	-110	-115.51
5712.5	-93.33	-10.79	-31.37	-72.74	-47.52	-13.55	-133.82	66.44	-200.25	-110	-90.25
5725	-93.96	-10.79	-31.90	-72.85	-58.09	-7.07	-138.02	66.44	-204.45	-110	-94.45
5737.5	-93.99	-10.79	-32.26	-72.51	-68.53	-12.47	-153.52	66.44	-219.95	-110	-109.95
5750	-93.79	-10.79	-32.57	-72.01	-66.48	-15.77	-154.26	66.44	-220.69	-110	-110.69
5762.5	-94.11	-10.79	-33.11	-71.79	-73.18	-16.81	-161.79	66.44	-228.23	-110	-118.23
5775	-94.45	-10.79	-33.25	-71.99	-72.17	-8.55	-152.70	66.44	-219.13	-110	-109.13
5787.5	-94.25	-10.79	-33.59	-71.45	-72.80	-9.77	-154.02	66.44	-220.46	-110	-110.46
5800	-94.06	-10.79	-33.45	-71.40	-67.88	-5.06	-144.34	66.44	-210.78	-110	-100.78
5812.5	-94.22	-10.79	-34.18	-70.83	-64.12	-7.50	-142.45	66.44	-208.88	-110	-98.88
5825	-94.53	-10.79	-34.07	-71.25	-64.13	-5.18	-140.56	66.44	-207.00	-110	-97.00
5837.5	-94.20	-10.79	-34.05	-70.94	-58.68	-8.60	-138.23	66.44	-204.66	-110	-94.66
5850	-93.89	-10.79	-33.69	-70.99	-52.27	-8.88	-132.13	66.44	-198.57	-110	-88.57
5862.5	-94.07	-10.79	-34.11	-70.75	-44.56	-17.04	-132.36	66.44	-198.79	-110	-88.79
5875	-94.16	-10.79	-33.59	-71.35	-23.12	-17.29	-111.76	66.44	-178.20	-110	-68.20
5887.5	-93.01	-10.79	-33.97	-69.83	-14.18	-16.16	-100.17	66.44	-166.61	-110	-56.61
5900	-93.74	-10.79	-33.50	-71.02	-38.95	-16.96	-126.93	66.44	-193.37	-110	-83.37
5912.5	-92.56	-10.79	-33.08	-70.27	-37.15	-15.55	-122.97	66.44	-189.40	-110	-79.40
5925	-92.58	-10.79	-33.71	-69.67	-35.76	-7.24	-112.67	66.44	-179.11	-110	-69.11
5937.5	-91.05	-10.79	-36.75	-65.08	-32.00	-4.01	-101.09	66.44	-167.53	-110	-57.53
5950	-90.83	-10.79	-33.12	-68.49	-39.65	-6.56	-114.71	66.44	-181.14	-110	-71.14
5962.5	-89.49	-10.79	-31.85	-68.43	-32.10	-4.78	-105.31	66.44	-171.74	-110	-61.74
5975	-84.16	-10.79	-32.16	-62.78	-32.56	-4.45	-99.79	66.44	-166.23	-110	-56.23
5987.5	-88.60	-10.79	-32.00	-67.39	-52.70	-17.12	-137.22	66.44	-203.65	-110	-93.65
6000	-93.66	-10.79	-30.83	-73.62	-55.10	-8.65	-137.37	66.44	-203.80	-110	-93.80