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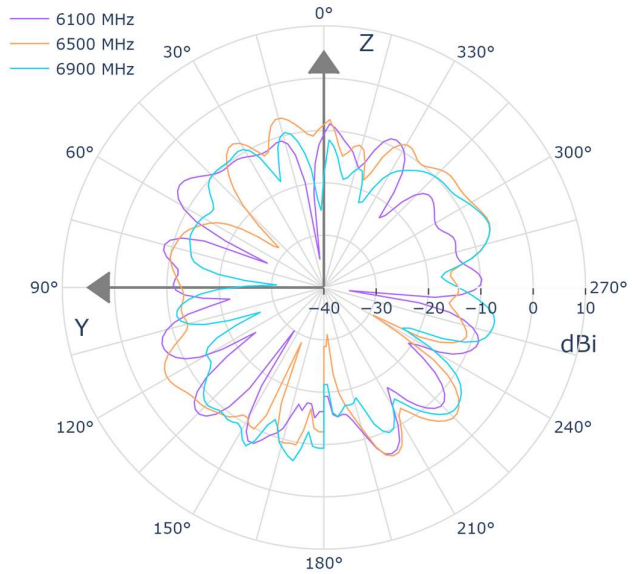

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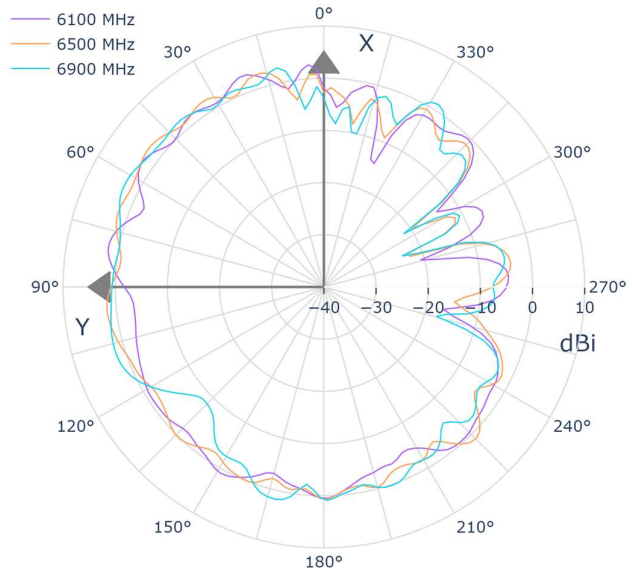

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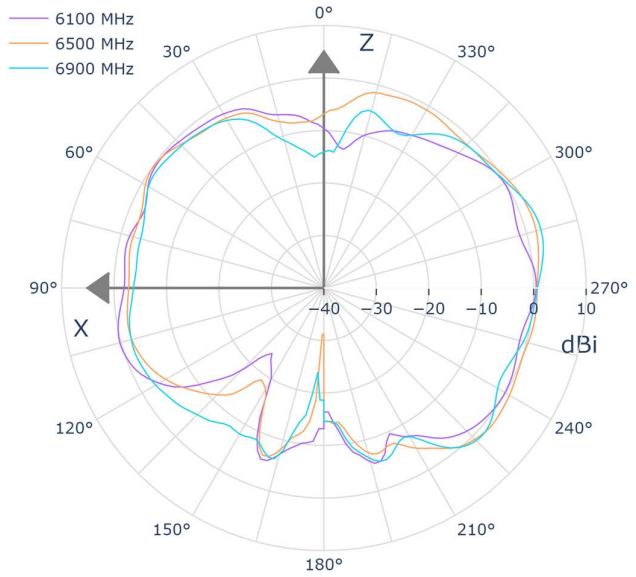

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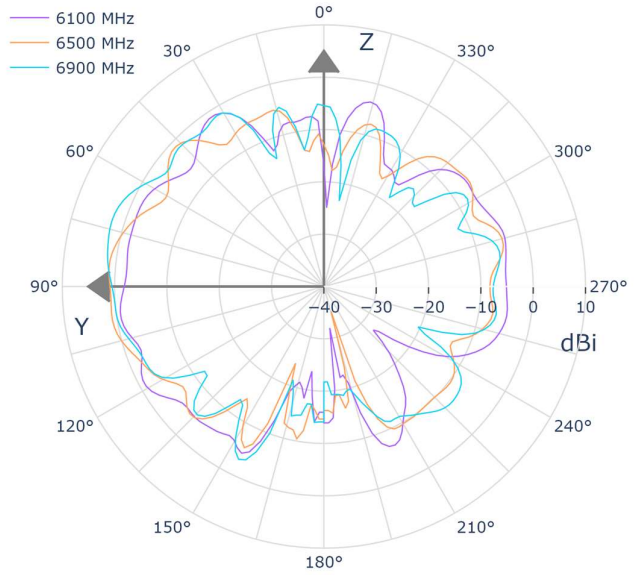

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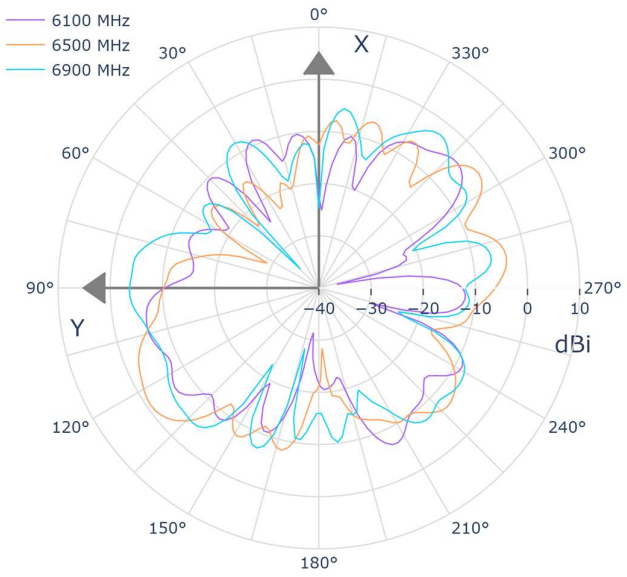

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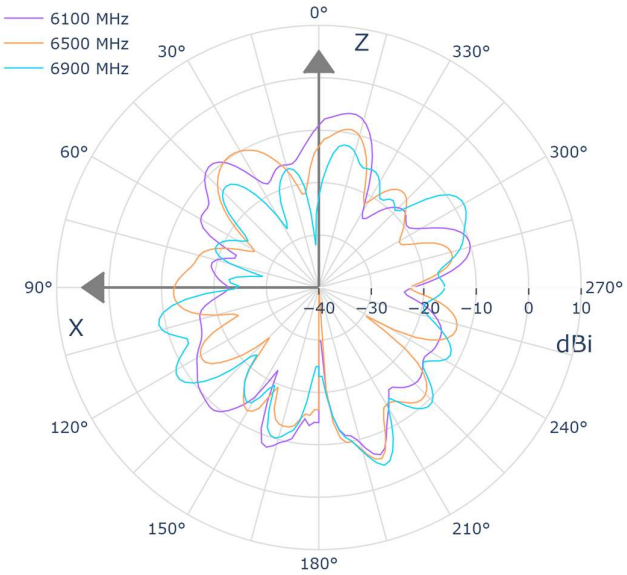

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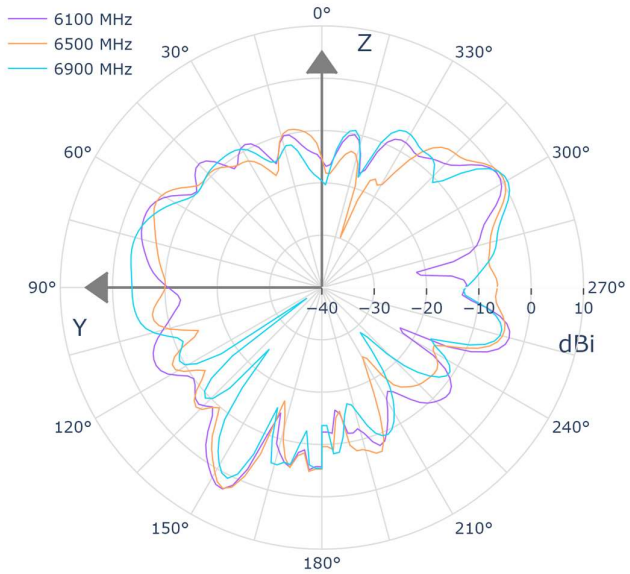

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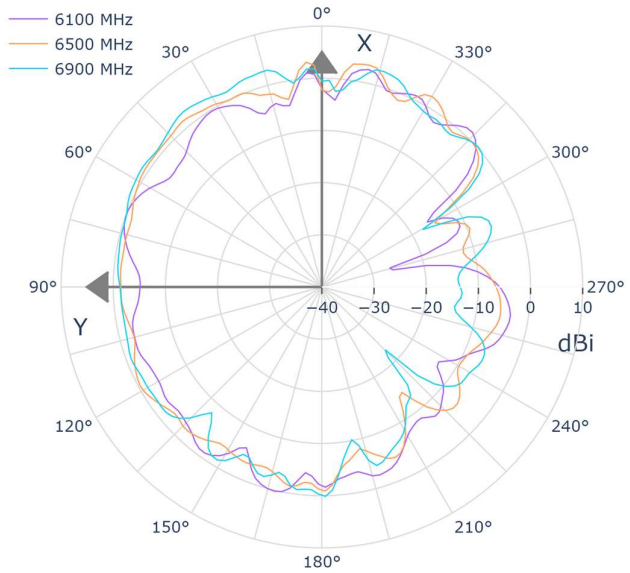

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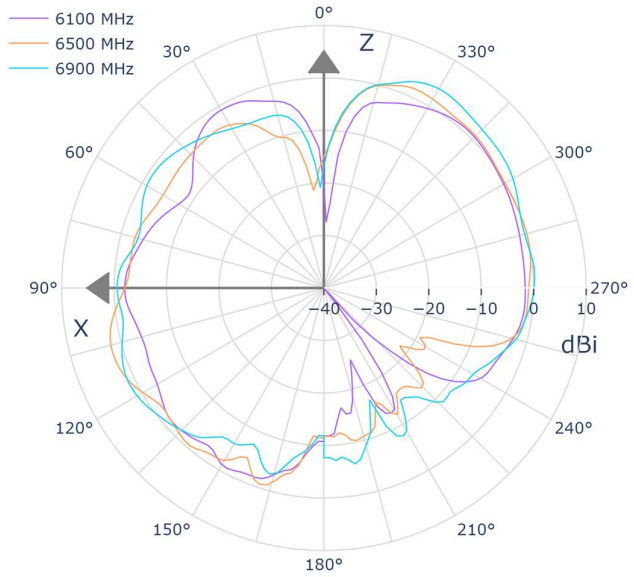

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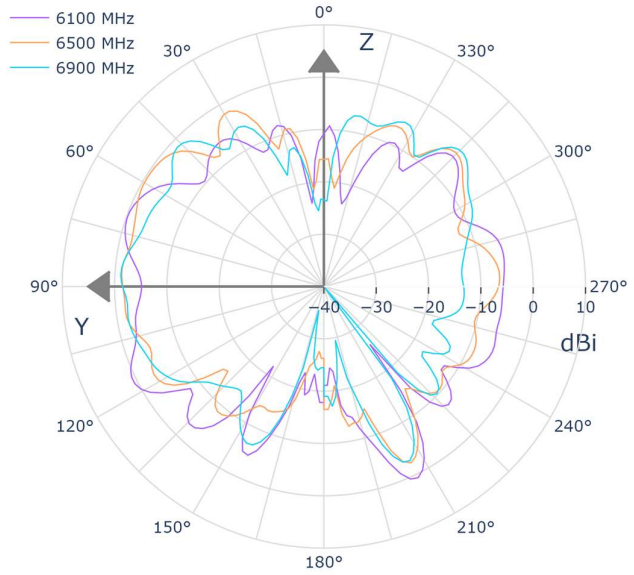

Appendix _Radiated Total Gain Result

Ant. Position：2.4G Ant.6_GAIN PHI

Frequency	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350
2400	-11.3778	-14.9388	-19.4468	-17.5715	-13.6882	-8.8537	-3.3764	0.146	-2.2992	-2.8496	-0.7027	-2.8491	-7.81	-7.0164	-7.5308	-8.0237	-8.2597	-8.0380	-7.3035	-6.8157	-7.9338	-7.4721	-2.4107	-2.5276	-3.1950	-5.3387	-10.0462	-13.9898	-13.578	-14.166	-13.3122	-11.8787	-7.212	-5.6988	-3.5753	-11.3778
2410	-11.4911	-15.0857	-17.9562	-8.9456	-3.7983	0.6147	-3.7984	0.6361	-1.96	-2.5362	-0.8947	-2.9842	-7.1464	-7.8851	-8.0139	-8.0147	-8.2163	-7.7853	-7.2605	-6.7153	-7.2585	-7.0209	-3.3878	-2.9787	-3.7513	-5.5481	-10.2466	-13.9916	-13.7755	-13.7585	-13.4148	-11.1171	-7.3367	-5.6613	-3.7662	-11.4911
2420	-8	-11.8989	-15.7976	-8.8973	-4.3537	-0.9102	0.9606	-1.1964	-0.4149	-1.8989	-2.5396	-1.0806	-3.1001	-7.8027	-7.7157	-7.7365	-8.2566	-7.5815	-7.2305	-6.7111	-6.9319	-6.5373	-2.8708	-2.9375	-3.6665	-5.0561	-8.2708	-10.7997	-13.9636	-13.1154	-11.9876	-10.8811	-7.3017	-5.4231	-7.2597	-8.6819
2430	-8.9	-11.8179	-13.9016	-8.8025	-4.6277	-1.2106	-0.8141	-0.9861	-1.3011	-2.0157	-2.1127	-2.7365	-3.4266	-5.7365	-6.7176	-6.7176	-7.2365	-6.7365	-6.7176	-6.7176	-6.7176	-6.7176	-2.1127	-2.0157	-2.1127	-3.4266	-5.7365	-6.7176	-6.7176	-6.7176	-6.7176	-6.7176	-6.7176	-6.7176	-6.7176	-8.9
2440	-10	-13.9927	-14.1668	-9.9035	-5.8963	-3.5393	-3.6487	-3.5138	-2.7795	-2.9113	-3.6854	-3.7545	-3.5447	-3.8367	-4.577	-5.7816	-6.5985	-6.4198	-5.7816	-5.4851	-5.6878	-5.6861	-2.5171	-3.1276	-3.8971	-5.7816	-6.5985	-6.4198	-5.7816	-5.4851	-5.6878	-5.6861	-2.5171	-3.1276	-3.8971	-10.0927
2450	-12	-15.0861	-16.3798	-9.9956	-6.9105	-5.5135	-5.0705	-5.0151	-4.0011	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-3.5487	-12.0861
2460	-14	-12.5686	-16.8137	-10.3056	-5.8127	-3.8137	-3.9042	-2.7538	-3.6146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-3.5146	-2.8609	-2.7538	-14.5686
2470	-16	-12.2587	-16.9914	-10.6922	-5.9113	-2.8996	-2.7187	-3.4952	-3.9157	-2.5276	-3.7462	-2.5931	-2.8426	-3.5126	-3.7235	-2.7277	-3.8748	-2.7282	-3.1427	-2.2388	-3.2628	-3.7038	-4.1396	-2.4711	-3.8926	-4.2248	-7.0979	-5.1178	-9.6113	-9.7885	-12.3157	-10.9915	-5.1224	-11.0123	-13.9897	-12.2587
2480	-16	-17.3698	-17.3698	-11.1713	-9.6674	-4.3536	-1.0576	-3.3698	-3.9454	-3.1962	-4.1307	-3.1536	-3.5011	-4.3994	-4.6179	-3.7185	-2.9845	-4.0117	-4.1478	-3.1138	-3.8478	-4.1301	-7.4485	-1.8408	-2.4081	-7.9877	-15.7198	-9.7973	-13.5175	-18.7963	-13.5162	-10.5236	-9.8993	-13.0276	-13.5483	-17.3698
2490	-18	-14.5686	-17.3698	-11.1713	-9.6674	-4.3536	-1.0576	-3.3698	-3.9454	-3.1962	-4.1307	-3.1536	-3.5011	-4.3994	-4.6179	-3.7185	-2.9845	-4.0117	-4.1478	-3.1138	-3.8478	-4.1301	-7.4485	-1.8408	-2.4081	-7.9877	-15.7198	-9.7973	-13.5175	-18.7963	-13.5162	-10.5236	-9.8993	-13.0276	-13.5483	-17.3698
2500	-21	-17.541	-19.3986	-12.2767	-6.6736	-4.9966	-1.8857	-2.0355	-3.0551	-2.4255	-4.0966	-3.9814	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-3.7989	-17.541
2510	-12.8173	-20.5689	-12.9332	-7.0223	-3.3539	-2.0132	-2.5493	-0.9595	-3.9337	-1.2918	-4.1689	-3.2625	-4.6627	-3.9387	-7.5856	-5.9693	-6.8298	-6.5243	-3.5036	-2.8226	-2.4464	-3.6852	-6.2864	-10.3337	-10.8668	-11.3402	-15.7264	-15.2932	-13.8543	-12.6917	-12.9536	-12.6173	-10.8668	-14.1864	-17.4851	-12.8173
2520	-26	-17.6851	-19.5409	-13.7248	-8.6334	-2.7109	-1.6705	-1.5276	-1.1237	-3.5757	-2.4255	-2.8756	-3.9665	-4.9	-6.5225	-5.9387	-7.7998	-8.5011	-7.5856	-8.5011	-8.9	-8.5225	-5.9387	-7.7998	-8.5011	-7.5856	-8.5011	-8.9	-8.5225	-5.9387	-7.7998	-8.5011	-7.5856	-8.5011	-8.9	-26
2530	-26	-17.5434	-19.5755	-14.3755	-8.1136	-3.5842	-2.8537	-3.8612	-1.5732	-4.7857	-3.7857	-4.678	-3.7857	-7.8388	-12.7976	-7.8148	-5.8698	-6.0835	-8.7843	-5.4342	-3.7115	-2.7175	-2.8957	-3.68	-5.2607	-3.9609	-4.8997	-8.5174	-15.7848	-11.7883	-11.8842	-11.8984	-20.47	-15.2586	-15.1524	-14.5434
2540	-32	-17.5434	-19.5755	-14.3755	-8.1136	-3.5842	-2.8537	-3.8612	-1.5732	-4.7857	-3.7857	-4.678	-3.7857	-7.8388	-12.7976	-7.8148	-5.8698	-6.0835	-8.7843	-5.4342	-3.7115	-2.7175	-2.8957	-3.68	-5.2607	-3.9609	-4.8997	-8.5174	-15.7848	-11.7883	-11.8842	-11.8984	-20.47	-15.2586	-15.1524	-14.5434
2550	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2560	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2570	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2580	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2590	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2600	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2610	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2620	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2630	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
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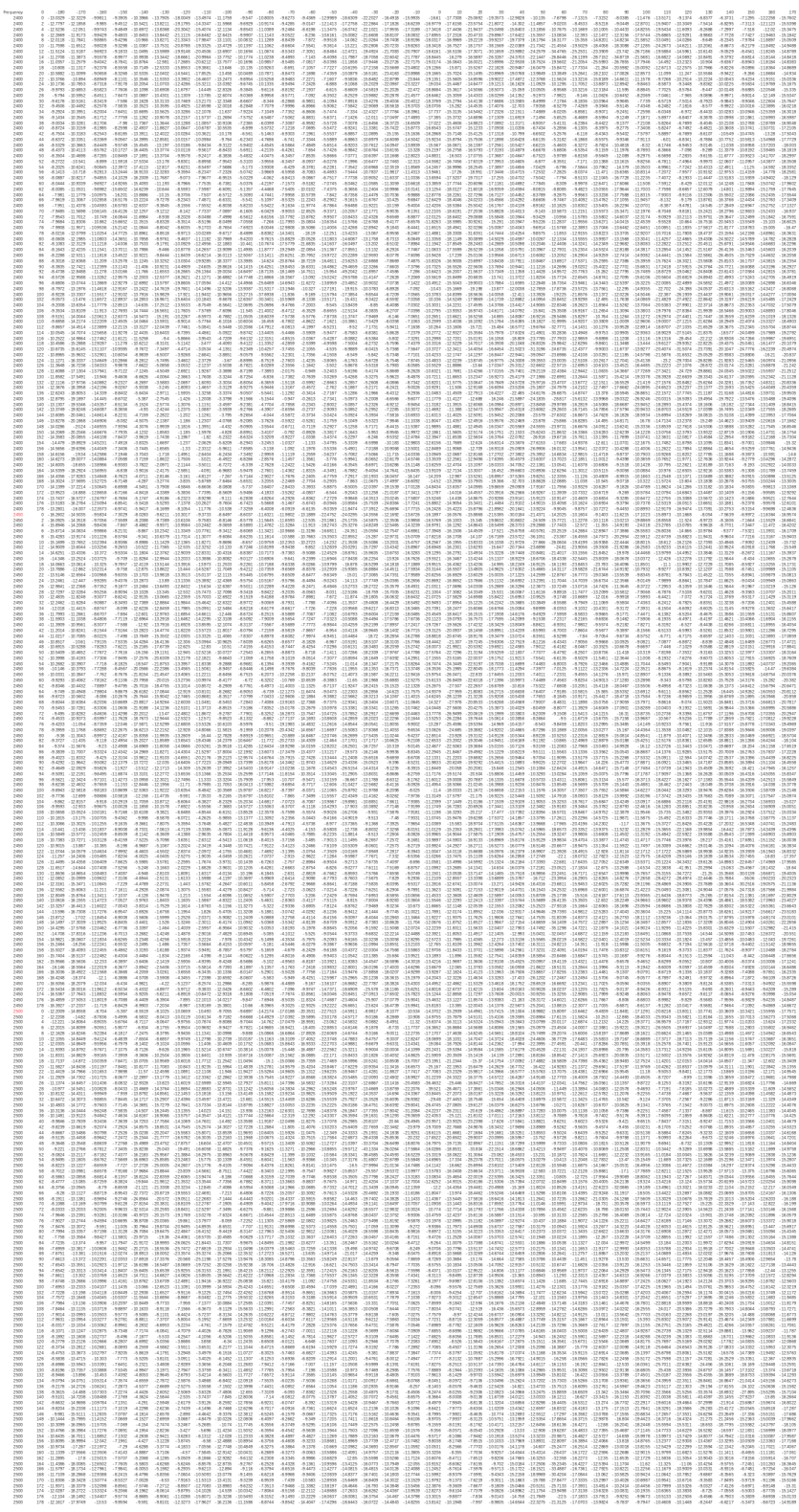
2650	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2660	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2670	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2680	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2690	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2700	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2710	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2720	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2730	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2740	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2750	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2760	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2770	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2780	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2790	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256
2800	-32	-12.8256	-16.8177	-10.7192	-9.6273	-8.9541	-5.2626	-3.2111	-3.1237	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-2.2226	-1.7152	-12.8256

Ant. Position：2.4G Ant.6_GAIN THETA

Frequency	0	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-11.2846	-10.1447	-9.0113	-7.952	-6.9739	-6.2476	-5.7264	-5.3967	-5.1968	-5.0782	-5.0259	-5.1236	-5.1717	-5.3931	-5.6969	-6.2961	-7.0366	-7.9577	-8.9298	-9.9381	-9.9244	-9.2294	-8.166	-6.9984	-5.8355	-4.8158	-3.9756	-3.3088	-2.9167	-2.8145	-2.9167	-3.3088	-3.9756	-4.8158	-5.8355	-6.9984	-8.166
2400	1	-11.0919	-10.0611	-9.0369	-8.1383	-7.4318	-6.8908	-6.7217	-6.8186	-7.0187	-6.8892	-6.2498	-5.6	-5.2961	-5.3963	-5.8099	-6.4961	-7.3366	-8.2577	-9.2298	-9.9381	-9.9244	-9.2294	-8.166	-6.9984	-5.8355	-4.8158	-3.9756	-3.3088	-2.9167	-2.8145	-2.9167	-3.3088	-3.9756	-4.8158	-5.8355	-6.9984	-8.166
2400	2	-11.0313	-10.3791	-9.2266	-8.0217	-7.109	-6.4319	-6.7824	-7.2037	-7.3267	-7.1207	-6.5423	-5.9989	-5.6923	-5.6969	-6.1296	-6.8002	-7.6366	-8.5577	-9.5298	-10.3381	-10.2244	-9.5294	-8.466	-7.2984	-6.1355	-5.1158	-4.2756	-3.6088	-3.2167	-3.1145	-3.2167	-3.6088	-4.2756	-5.1158	-6.1355	-7.2984	-8.466
2400	3	-10.8161	-10.4992	-9.5892	-7.8995	-6.2424	-6.6152	-7.8329	-7.9762	-7.5295	-7.2408	-7.0458	-6.6249	-6.1489	-6.1361	-6.5016	-7.1828	-8.0366	-8.9577	-9.9298	-10.8381	-10.7244	-10.0294	-8.966	-7.7984	-6.6355	-5.6158	-4.7756	-4.1088	-3.7167	-3.6145	-3.7167	-4.1088	-4.7756	-5.6158	-6.6355	-7.7984	-8.966
2400	4	-10.7003	-10.5974	-9.9446	-8.6139	-6.9739	-6.9739	-8.5329	-8.7762	-8.2295	-7.9408	-7.7458	-7.3249	-6.8489	-6.7361	-7.0016	-7.6828	-8.5366	-9.4577	-10.4298	-11.3381	-11.2244	-10.5294	-9.466	-8.2984	-7.1355	-6.1158	-5.2756	-4.6088	-4.2167	-4.1145	-4.2167	-4.6088	-5.2756	-6.1158	-7.1355	-8.2984	-9.466
2400	5	-10.7003	-10.5974	-10.4846	-9.2539	-7.5139	-6.4739	-8.1329	-9.2762	-8.7295	-8.4408	-8.2458	-7.8249	-7.3489	-7.2361	-7.5016	-8.1828	-9.0366	-9.9577	-10.9298	-11.8381	-11.7244	-11.0294	-9.966	-8.7984	-7.6355	-6.6158	-5.7756	-5.1088	-4.7167	-4.6145	-4.7167	-5.1088	-5.7756	-6.6158	-7.6355	-8.7984	-9.966
2400	6	-10.8161	-10.4992	-10.0892	-9.0995	-8.2424	-6.6152	-7.8329	-9.2762	-9.3295	-9.1408	-8.9458	-8.5249	-8.0489	-7.9361	-8.2016	-8.8828	-9.7366	-10.6577	-11.6298	-12.5381	-12.4244	-11.7294	-10.666	-9.4984	-8.3355	-7.3158	-6.4756	-5.8088	-5.4167	-5.3145	-5.4167	-5.8088	-6.4756	-7.3158	-8.3355	-9.4984	-10.666
2400	7	-11.0313	-10.3791	-9.2266	-8.0217	-7.109	-6.4319	-6.7824	-7.2037	-7.3267	-7.1207	-6.5423	-5.9989	-5.6923	-5.6969	-6.1296	-6.8002	-7.6366	-8.5577	-9.5298	-10.3381	-10.2244	-9.5294	-8.466	-7.2984	-6.1355	-5.1158	-4.2756	-3.6088	-3.2167	-3.1145	-3.2167	-3.6088	-4.2756	-5.1158	-6.1355	-7.2984	-8.466
2400	8	-11.2846	-10.1447	-9.0113	-7.952	-6.9739	-6.2476	-5.7264	-5.3967	-5.1968	-5.0782	-5.0259	-5.1236	-5.1717	-5.3931	-5.6969	-6.2961	-7.0366	-7.9577	-8.9298	-9.9381	-9.9244	-9.2294	-8.166	-6.9984	-5.8355	-4.8158	-3.9756	-3.3088	-2.9167	-2.8145	-2.9167	-3.3088	-3.9756	-4.8158	-5.8355	-6.9984	-8.166
2400	9	-11.9919	-10.9611	-9.9369	-9.0383	-8.3318	-7.7908	-7.6217	-7.7186	-7.9187	-7.7892	-7.1498	-6.5	-6.1961	-6.2963	-6.7099	-7.3961	-8.2366	-9.1577	-10.1298	-11.0381	-10.9244	-10.2294	-9.166	-7.9984	-6.8355	-5.8158	-4.9756	-4.3088	-3.9167	-3.8145	-3.9167	-4.3088	-4.9756	-5.8158	-6.8355	-7.9984	-9.166
2400	10	-12.9313	-11.9791	-10.8266	-9.6217	-8.7109	-8.0319	-7.6824	-8.1037	-8.3267	-8.1207	-7.5423	-6.9989	-6.6923	-6.6969	-7.1296	-7.8002	-8.6366	-9.5577	-10.5298	-11.3381	-11.2244	-10.5294	-9.466	-8.2984	-7.1355	-6.1158	-5.2756	-4.6088	-4.2167	-4.1145	-4.2167	-4.6088	-5.2756	-6.1158	-7.1355	-8.2984	-9.466
2400	11	-13.8161	-12.4992	-11.0892	-9.9995	-9.2424	-8.6152	-8.8329	-9.2762	-9.3295	-9.1408	-8.9458	-8.5249	-8.0489	-7.9361	-8.2016	-8.8828	-9.7366	-10.6577	-11.6298	-12.5381	-12.4244	-11.7294	-10.666	-9.4984	-8.3355	-7.3158	-6.4756	-5.8088	-5.4167	-5.3145	-5.4167	-5.8088	-6.4756	-7.3158	-8.3355	-9.4984	-10.666
2400	12	-14.7003	-13.5974	-12.4846	-11.2539	-9.5139	-8.4739	-9.7329	-10.2762	-10.1295	-9.8408	-9.6458	-9.2249	-8.7489	-8.6361	-8.9016	-9.5828	-10.4366	-11.3577	-12.3298	-13.2381	-13.1244	-12.4294	-11.366	-10.1984	-9.0355	-8.0158	-7.1756	-6.5088	-6.1167	-6.0145	-6.1167	-6.5088	-7.1756	-8.0158	-9.0355	-10.1984	-11.366
2400	13	-15.7003	-14.5974	-13.4846	-12.3539	-11.2424	-10.1152	-9.7329	-10.2762	-10.1295	-9.8408	-9.6458	-9.2249	-8.7489	-8.6361	-8.9016	-9.5828	-10.4366	-11.3577	-12.3298	-13.2381	-13.1244	-12.4294	-11.366	-10.1984	-9.0355	-8.0158	-7.1756	-6.5088	-6.1167	-6.0145	-6.1167	-6.5088	-7.1756	-8.0158	-9.0355	-10.1984	-11.366
2400	14	-16.6128	-15.51	-14.4092	-13.2811	-12.7809	-12.5172	-12.6329	-12.9762	-12.8295	-12.5408	-12.3458	-11.9249	-11.4489	-11.3361	-11.5016	-12.1828	-12.9366	-13.8577	-14.8298	-15.7381	-15.6244	-14.9294	-13.866	-12.6984	-11.5355	-10.5158	-9.6756	-9.0088	-8.6167	-8.5145	-8.6167	-9.0088	-9.6756	-10.5158	-11.5355	-12.6984	-13.866
2400	15	-17.4992	-16.4974	-15.3846	-14.2539	-13.2139	-12.1152	-11.7329	-12.2762	-12.1295	-11.8408	-11.6458	-11.2249	-10.7489	-10.6361	-10.9016	-11.5828	-12.4366	-13.3577	-14.3298	-15.2381	-15.1244	-14.4294	-13.366	-12.1984	-11.0355	-10.0158	-9.1756	-8.5088	-8.1167	-8.0145	-8.1167	-8.5088	-9.1756	-10.0158	-11.0355	-12.1984	-13.366
2400	16	-18.3313	-17.3791	-16.2266	-15.0217	-14.1109	-13.4319	-13.6824	-14.1037	-14.3267	-14.1207	-13.5423	-12.9989	-12.6923	-12.6969	-13.1296	-13.8002	-14.6366	-15.5577	-16.5298	-17.4381	-17.3244	-16.6294	-15.566	-14.3984	-13.2355	-12.2158	-11.3756	-10.7088	-10.3167	-10.2145	-10.3167	-10.7088	-11.3756	-12.2158	-13.2355	-14.3984	-15.566
2400	17	-19.1919	-18.1611	-17.0369	-16.0383	-15.3318	-14.7908	-14.6217	-14.7186	-14.9187	-14.7892	-14.1498	-13.5	-13.1961	-13.2963	-13.7099	-14.3961	-15.2366	-16.1577	-17.1298	-18.0381	-17.9244	-17.2294	-16.166	-14.9984	-13.8355	-12.8158	-11.9756	-11.3088	-10.9167	-10.8145	-10.9167	-11.3088	-11.9756	-12.8158	-13.8355	-14.9984	-16.166
2400	18	-20.0313	-19.0791	-18.0266	-17.0217	-16.2109	-15.6319	-15.4824	-15.7037	-15.8267	-15.6207	-15.0423	-14.4989	-14.1923	-14.1969	-14.6296	-15.3002	-16.1366	-17.0577	-18.0298	-18.9381	-18.8244	-18.1294	-17.066	-15.8984	-14.7355	-13.7158	-12.8756	-12.2088	-11.8167	-11.7145	-11.8167	-12.2088	-12.8756	-13.7158	-14.7355	-15.8984	-17.066
2400	19	-20.8161	-19.8992	-18.9892	-18.0995	-17.2424	-16.6152	-16.8329	-17.2762	-17.3295	-17.1408	-16.9458	-16.5249	-16.0489	-15.9361	-16.2016	-16.8828	-17.7366	-18.6577	-19.6298	-20.5381	-20.4244	-19.7294	-18.666	-17.4984	-16.3355	-15.3158	-14.4756	-13.8088	-13.4167	-13.3145	-13.4167	-13.8088	-14.4756	-15.3158	-16.3355	-17.4984	-18.666
2400	20	-21.5919	-20.5611	-19.5369	-18.6383	-17.9318	-17.3908	-17.2217	-17.3186	-17.5187	-17.3892	-16.7498	-16.1	-15.7961	-15.8963	-16.3099	-16.9961	-17.8366	-18.7577	-19.7298	-20.6381	-20.5244	-19.8294	-18.766	-17.5984	-16.4355	-15.4158	-14.5756	-14.0088	-13.6167	-13.5145	-13.6167	-14.0088	-14.5756	-15.4158	-16.4355	-17.5984	-18.766
2400	21	-22.3313	-21.3791	-20.3266	-19.3217	-18.5109	-17.9319	-17.7824	-18.2037	-18.4267	-18.2207	-17.6423	-17.0989	-16.7923	-16.7969	-17.2296	-17.8002	-18.6366	-19.5577	-20.5298	-21.4381	-21.3244	-20.6294	-19.566	-18.3984	-17.2355	-16.2158	-15.3756	-14.7088	-14.3167	-14.2145	-14.3167	-14.7088	-15.3756	-16.2158	-17.2355	-18.3984	-19.566
2400	22	-23.0161	-22.0992	-21.0892	-20.0995	-19.2424	-18.6152	-18.8329	-19.2762	-19.3295	-19.1408	-18.9458	-18.5249	-18.0489	-17.9361	-18.2016	-18.8828	-19.7366	-20.6577	-21.6298	-22.5381	-22.4244	-21.7294	-20.666	-19.4984	-18.3355	-17.3158	-16.4756	-15.8088	-15.4167	-15.3145	-15.4167	-15.8088	-16.4756	-17.3158	-18.3355	-19.4984	-20.666
2400	23	-23.6919	-22.6611	-21.6369	-20.7383	-20.0318	-19.4908	-19.3217	-19.4186	-19.6187	-19.4892	-18.8498	-18.3	-17.9961	-18.0963	-18.5099	-19.1961	-20.0366	-20.9577	-21.9298	-22.8381	-22.7244	-22.0294	-20.966	-19.7984	-18.6355	-17.6158	-16.7756	-16.1088	-15.7167	-15.6145	-15.7167	-16.1088	-16.7756	-17.6158	-18.6355	-19.7984	-20.966
2400	24	-24.2313	-23.2791	-22.2266	-21.2217	-20.4109	-19.8319	-19.6824	-19.8037	-19.9267	-19.7207	-19.1423	-18.5989	-18.2923	-18.2969	-18.7296	-19.3002	-20.1366	-21.0577	-22.0298	-22.9381	-22.8244	-22.1294	-21.066	-19.8984	-18.7355	-17.7158	-16.8756	-16.2088	-15.8167	-15.7145	-15.8167	-16.2088	-16.8756	-17.7158	-18.7355	-19.8984	-21.066
2400	25	-24.7919	-23.7611	-22.7369	-21.8383	-21.1318	-20.5908	-20.4217	-20.5186	-20.7187	-20.5892	-20.0498	-19.5	-19.1961	-19.2963	-19.7099	-20.3961	-21.2366	-22.1577	-23.1298	-24.0381	-23.9244	-23.2294	-22.166	-20.9984	-19.8355	-18.8158	-17.9756	-17.3088	-16.9167	-16.8145	-16.9167	-17.3088	-17.9756	-18.8158	-19.8355	-20.9984	-22.166
2400	26	-25.2313	-24.2791	-23.2266	-22.2217	-21.4109	-20.8319	-20.6824	-20.8037	-20.9267	-20.7207	-20.1423	-19.5989	-19.2923	-19.2969	-19.7296	-20.3002	-21.1366	-22.0577	-23.0298	-23.9381	-23.8244	-23.1294	-22.066	-20.8984	-19.7355	-18.7158	-17.8756	-17.2088	-16.8167	-16.7145	-16.8167	-17.2088	-17.8756	-18.7158	-19.7355	-20.8984	-22.066
2400	27	-25.5919	-24.5611	-23.5369	-22.6383	-21.9318	-21.3908	-21.2217	-21.3186	-21.5187	-21.3892	-20.8498	-20.3	-19.9961	-20.0963	-20.5099	-21.1961	-22.0366	-22.9577	-23.9298	-24.8381	-24.7244	-24.0294	-22.966	-21.7984	-20.6355	-19.6158	-18.7756	-18.1088	-17.7167	-17.6145	-17.7167	-18.1088	-18.7756	-19.6158	-20.6355	-21.7984	-22.966
2400	28	-25.7313	-24.7791	-23.7266	-22.7217	-21.9109	-21.3319	-21.1824	-21.3037	-21.4267	-21.2207	-20.6423	-20.0989	-19.7923	-19.7969	-20.2296	-20.8002	-21.6366	-22.5577	-23.5298	-24.4381	-24.3244	-23.6294	-22.566	-21.3984	-20.2355	-19.2158	-18.3756	-17.7088	-17.3167	-17.2145	-17.3167	-17.7088	-18.3756	-19.2158	-20.2355	-21.3984	-22.566
2400	29	-25.6919	-24.6611	-23.6369	-22.7383	-22.0318	-21.4908	-21.3217	-21.4186	-21.6187	-21.4892	-20.8498	-20.3	-19.9961	-20.0963	-20.5099	-21.1961	-22.0366	-22.9577	-23.9298	-24.8381	-24.7244	-24.0294	-22.966	-21.7984	-20.6355	-19.6158	-18.7756	-18.1088	-17.7167	-17.6145	-17.7167	-18.1088	-18.7756	-19.6158	-20.6355	-21.7984	-22.966
2400	30	-25.2313	-24.2791	-23.2266	-22.2217	-21.4109	-20.8319	-20.6824	-20.8037	-20.9267	-20.7207	-20.1423	-19.5989	-19.2923	-19.2969	-19.7296	-20.3002	-21.1366	-22.0577	-23.0298	-23.9381	-23.8244	-23.1294	-22.066	-20.8984	-19.7355	-18.7158	-17.8756	-17.2088	-16.8167	-16.7145	-16.8167	-17.2088	-17.8756	-18.7158	-19.7355	-20.8984	-22.066
2400	31	-24.5919	-23.5611	-22.5369	-21.6383	-20.9318	-20.3908	-20.2217	-20.3186	-20.5187	-20.3892	-19.8498	-19.3	-18.9961	-19.0963	-19.5099	-20.1961	-21.0366	-21.9577	-22.9298	-23.8381	-23.7244	-23.0294	-21.966	-20.7984	-19.6355	-18.6158	-17.7756	-17.1088	-16.7167	-16.6145	-16.7167	-17.1088	-17.7756	-18.6158	-19.6355	-20.7984	-21.966
2400	32	-23.6313	-22.6791	-21.7266	-20.7217	-19.9109	-19.3319	-19.1824	-19.3037	-19.4267	-19.2207	-18.6423	-18.0989	-17.7923	-17.7969	-18.2296	-18.8002	-19.6366	-20.5577	-21.5298	-22.4381	-22.3244	-21.6294	-20.566	-19.3984	-18.2355	-17.2158	-16.3756	-15.7088	-15.3167	-15.2145	-15.3167	-15.7088	-16.3756	-17.2158	-18.2355	-19.3984	-20.566
2400	33	-22.3919	-21.3611	-20.3369	-19.4383	-18.7318	-18.1908	-17.9217	-18.0186	-18.2187	-18.0892	-17.5498	-17.0	-16.6961	-16.7963	-17.2099	-17.8961	-18.7366	-19.6577	-20.6298	-21.5381	-21.4244	-20.7294	-19.666	-18.4984	-17.3355	-16.3158	-15.4756	-14.8088	-14.4167	-14.3145	-14.4167	-14.8088	-15.4756	-16.3158	-17.3355	-18.4984	-19.666
2400	34	-21.0313	-20.0791	-19.0266	-18.0217	-17.2109	-16.6319	-16.4824	-16.6037	-16.7267	-16.5207	-15.9423	-15.3989	-15.0923	-15.0969	-15.5296	-16.1002	-16.9366	-17.8577	-18.8298	-19.7381	-19.6244	-18.9294	-17.866	-16.6984	-15.5355	-14.5158	-13.6756	-13.0088	-12.6167	-12.5145	-12.6167	-13.0088	-13.6756	-14.5158	-15.5355	-16.6984	-17.866
2400	35	-19.4919	-18.4611	-17.4369	-16.5383	-15.8318	-15.2908	-15.1217	-15.2186	-15.4187	-15.2892	-14.7498	-14.2	-13.8961	-13.9963	-14.4099	-15.0961	-15.9366	-16.8577	-17.8298	-18.7381	-18.6244	-17.9294	-16.866	-15.6984	-14.5355	-13.5158	-12.6756	-12.0088	-11.6167	-11.5145	-11.6167	-12.0088	-12.6756	-13.5158	-14.5355	-15.6984	-16.866
2400	36	-17.8313	-16.8791	-15.9266	-14.9217	-14.1109	-13.5319	-13.3824	-13.5037	-13.6267	-13.4207	-12.8423	-12.2989	-11.9923	-11.9969	-12.4296	-13.0002	-13.8366	-14.7577	-15.7298	-16.6381	-16.5244	-15.8294	-14.766	-13.5984	-12.4355	-11.4158	-10.5756	-9.9088	-9.5167	-9.4145	-9.5167	-9.9088	-10.5756	-11.4158	-12.4355	-13.5984	-14.766
2400	37	-16.2919	-15.2611	-14.2369	-13.3383	-12.6318	-12.0908	-11.9217	-12.0186	-12.2187	-12.0892	-11.5498	-11.0	-10.6961	-10.7963	-11.2099	-11.8961	-12.7366	-13.6577	-14.6298	-15.5381	-15.4244	-14.7294	-13.666	-12.4984	-11.3355	-10.3158	-9.4756	-8.8088	-8.4167	-8.3145	-8.4167	-8.8088	-9.4756	-10.3158	-11.3355	-12.4984	-13.666
2400	38	-14.7313	-13.7791	-12.8266	-11.8217	-11.0109	-10.4319	-10.2824	-10.4037	-10.5267	-10.3207	-9.7423	-9.1989	-8.8923	-8.8969	-9.3296	-9.9002	-10.7366	-11.6577	-12.6298	-13.5381	-13.4244	-12.7294	-11.666	-10.4984	-9.3355	-8.3158	-7.4756	-6.8088	-6.4167	-6.3145	-6.4167	-6.8088	-7.4756	-8.3158	-9.3355	-10.4984	-11.666
2400	39	-13.2919	-12.2611	-11.2369	-10.3383	-9.6318	-9.0908	-8.9217	-9.0186	-9.2187	-9.0892	-8.5498	-8.0	-7.6961	-7.7963	-8.2099	-8.8961	-9.7366	-10.6577	-11.6298	-12.5381	-12.4244	-11.7294	-10.666	-9.4984	-8.3355	-7.3158	-6.4756	-5.8088	-5.4167	-5.3145	-5.4167	-5.8088	-6.4756	-7.3158	-8.3355	-9.4984	-10.666
2400	40	-11.8313	-10.8791	-9.9266	-8.9217	-8.1109	-7.5319	-7.3824	-7.5037	-7.6267	-7.4207	-6.8423	-6.2989	-5.9923	-5.9969	-6.4296	-7.0002	-7.8366	-8.7577	-9.7298	-10.6381	-10.5244	-9.8294	-8.766	-7.5984	-6.4355	-5.4158	-4.5756	-3.9088	-3.5167	-3.4145	-3.5167	-3.9088	-4.5756	-5.4158	-6.4355	-7.5984	-8.766
2400	41	-10.4919	-9.4611	-8.4369	-7.5383	-6.8318	-6.2908	-6.1217	-6.2186	-6.4187	-6.2892	-5.7498	-5.2	-4.8961	-4.9963	-5.4099	-6.0961	-6.9366	-7.8577	-8.8298	-9.7381	-9.6244	-8.9294	-7.866	-6.6984	-5.5355	-4.5158	-3.6756	-3.0088	-2.6167	-2.5145	-2.6167	-3.0088	-3.6756	-4.5158	-5.5355	-6.6984	-7.866
2400	42	-9.3313	-8.3791	-7.4266	-6.4217	-5.6109	-5.0319	-4.8824	-5.0037	-5.1267	-4.9207	-4.3423	-3.7989	-3.4923	-3.4969	-3.9296	-4.5002	-5.3366	-6.2577	-7.2298	-8.1381	-8.0244	-7.3294	-6.266	-5.0984	-3.9355	-2.9158	-2.0756	-1.4088	-1.0167	-0.9145	-1.0167	-1.4088	-2.0756	-2.9158	-3.9355	-5.0984	-6.266
2400	43	-8.2919	-7.2611	-6.2369	-5.3383	-4.6318	-4.0908	-3.9217	-4.0186	-4.2187	-4.0892	-3.5498	-3.0	-2.6961	-2.7963	-3.2099	-3.8961	-4.7366	-5.6577	-6.6298	-7.5381	-7.4244	-6.7294	-5.666	-4.4984	-3.3355	-2.3158	-1.4756	-0.8088	-0.4167	-0.3145	-0.4167	-0.8088	-1.4756	-2.3158	-3.3355	-4.4984	-5.666
2400	44	-7.3313	-6.3791	-5.4266	-4.4217	-3.6109	-3.0319	-2.8824	-3.0037	-3.1267	-2.9207	-2.3423	-1.7989	-1.4923	-1.4969	-1.9296	-2.5002	-3.3366	-4.2577	-5.2298	-6.1381	-6.0244	-5.3294	-4.266	-3.0984	-1.9355	-0.9158	-0.0756	0.5912	0.9833	1.0855	0.9833	0.5912	-0.0756	-0.9158	-1.9355	-3.0984	-4.266
2400	45	-6.4919	-5.4611	-4.4369	-3.5383	-2.8318	-2.2908	-2.1217	-2.2186	-2.4187	-2.2892	-1.7498	-1.2	-0.8961	-0.9963	-1.4099	-2.0961	-2.9366	-3.8577	-4.8298	-5.7381	-5.6244	-4.9294	-3.866	-2.6984	-1.5355	-0.5158	0.3244	0.9912	1.3833	1.4855	1.3833	0.9912	0.3244	-0.5158	-1.5355	-2.6984	-3.866
2400	46	-5.7313	-4.7791	-3.8266	-2.8217	-2.0109	-1.4319	-1.2824	-1.4037	-1.5267	-1.3207	-0.7423	-0.1989	0.1077	0.1031	0.5704	1.2000	2.0634	2.9423	3.9102	4.8019	4.7756	4.0706	3.034	1.8016	0.6645	-0.3842	-1.2244	-1.8912	-2.2833	-2.3855	-2.2833	-1.8912	-1.2244	-0.3842	0.6645	1.8016	3.034
2400	47	-5.2919	-4.2611	-3.2369	-2.3383	-1.6318	-1.0908	-0.9217	-1.0186	-1.2187	-1.0892	-0.5498	0.0	0.3039	0.3037	0.7296	1.3000	2.1634	3.0423	3.9102	4.7981	4.7756	4.0706	3.034	1.8016	0.6645	-0.3842	-1.2244	-1.8912	-2.2833	-2.3855	-2.2833	-1.8912	-1.2244	-0.3842	0.6645	1.8016	3.034
2400	48	-5.2313	-4.2791	-3.3266	-2.3217	-1.5109	-0.9319	-0.7824	-0.9037	-1.0267	-0.8207	-0.2423	0.2011	0.5077	0.5031	0.9704	1.6000	2.4634	3.3423	4.2102	4.9981	4.8756	4.1706	3.034	1.8016	0.6645	-0.3842	-1.2244	-1.8912	-2.2833	-2.3855	-2.2833	-1.8912	-1.2244	-0.3842	0.6645	1.8016	3.034
2400	49	-5.7313	-4.7791	-3.8266	-2.8217	-2.0109	-1.4319	-1.2824	-1.4037	-1.5267	-1.3207	-0.7423	-0.1989	0.1077	0.1031	0.5704	1.2000	2.0634	2.9423	3.9102	4.8019	4.7756	4.0706	3.034	1.8016	0.6645	-0.3842	-1.2244	-1.8912	-2.2833	-2.3855	-2.2833	-1.8912	-1.2244	-0.3842	0.6645	1.8016	3.034
2400	50	-6.4919	-5.4611	-4.4369	-3.5383	-2.8318	-2.2908	-2.1217	-2.2186	-2.4187	-2.2892	-1.7498	-1.2	-0.8961	-0.9963	-1.4099	-2.0961	-2.9366	-3.8577	-4.8298	-5.7381	-5.6244	-4.9294	-3.866	-2.6984	-1.5355	-0.5158	0.3244	0.9912	1.3833	1.4855	1.3833	0.9912	0.3244	-0.5158	-1.5355	-2.6984	-3.866
2400	51	-7.3313	-6.3791	-5.4266	-4.4217	-3.6109	-3.0319	-2.8824	-3.0037	-3.1267	-2.9207	-2.3423	-1.7989	-1.4923	-1.4969	-1.9296	-2.5002	-3.3366	-4.2577	-5.2298	-6.1381	-6.0244	-5.3294	-4.266	-3.0984	-1.9355	-0.9158	-0.0756	0.5912	0.9833	1.0855	0.9833	0.5912	-0.0756	-0.9158	-1.9355	-3.0984	-4.266
2400	52	-8.2919	-7.2611	-6.2369	-5.3383	-4.6318	-4.0908	-3.9217	-4.0186	-4.2187	-4.0892	-3.5498	-3.0	-2.6961	-2.7963	-3.2099	-3.8961	-4.7366	-5.6577	-6.6298	-7.5381	-7.4244	-6.7294	-5.666	-4.4984	-3.3355	-2.3158	-1.4756	-0.8088	-0.4167	-0.3145	-0.4167	-0.8088	-1.4756	-2.3158	-3.3355	-4.4984	-5.666
2400	53	-9.3313	-8.3791	-7.4266	-6.4217	-5.6109	-5.0319	-4.8824	-5.0037	-5.1267	-4.9207	-4.3423	-3.7989	-3.4923	-3.4969	-3.9296	-4.5002	-5.3366	-6.2577	-7.2298	-8.1381	-8.0244	-7.3294	-6.266	-5.0984	-3.9355	-2.9158	-2.0756	-1.4088	-1.0167	-0.9145	-1.0167	-1.4088	-2.0756	-2.9158	-3.9355	-5.0984	-6.266
2400	54	-10.4919	-9.4611	-8.4369	-7.5383	-6.8318	-6.2908	-6.1217	-6.2186	-6.4187	-6.2892	-5.7498	-5.2	-4.8961	-4.9963	-5.4099	-6.0961	-6.9366	-7.8577	-8.8298	-9.7381	-9.6244	-8.9294	-7.866	-6.6984	-5.5355	-4.5158	-3.6756	-3.0088	-2.6167	-2.5145	-2.6167	-3.0088	-3.6756	-4.5158	-5.5355	-6.6984	-7.866
2400	55	-11.8313	-10.8791	-9.9266	-8.9217	-8.1109	-7.5319	-7.3824	-7.5037	-7.6267	-7.4207	-6.8423	-6.2989	-5.9923	-5.9969	-6.4296	-7.0002	-7.8366	-8.7577	-9.7298	-10.6381	-10.5244	-9.8294	-8.766	-7.5984	-6.4355	-5.4158	-4.5756	-3.9088	-3.5167	-3.4145	-3.5167	-3.9088	-4.5756	-5.4158	-6.4355	-7.5984	-8.766
2400	56	-13.2919	-12.2611	-11.2369	-10.3383	-9.6318	-9.0908	-8.9217	-9.0186	-9.2187	-9.0892	-8.5498	-8.0	-7.6961	-7.7963	-8.2099	-8.8961	-9.7366	-10.6577	-11.6298	-12.5381	-12.4244	-11.7294	-10.666	-9.4984	-8.3355	-7.3158	-6.4756	-5.8088	-5.4167	-5.3145	-5.4167	-5.8088	-6.4756	-7.3158	-8.3355	-9.4984	-10.666
2400	57	-14.7313	-13.7791	-12.8266	-11.8217	-11.0109	-10.4319	-10.2824	-10.4037	-10.5267	-10.3207	-9.7423	-9.1989	-8.8923	-8.8969	-9.3296	-9.9002	-10.7366	-11.6577	-12.6298	-13.5381	-13.4244	-12.7294	-11.666	-10.4984	-9.3355	-8.3158	-7.4756	-6.8088	-6.4167	-6.3145	-6.4167	-6.8088	-7.4756	-8.3158	-9.3355	-10.4984	-11.666
2400	58	-16.2919	-15.2611	-14.2369	-13.3383	-12.6318	-12.0908	-11.9217	-12.0186	-12.2187	-12.0892	-11.5498	-11.0	-10.6961	-10.7963	-11.2099	-11.8961	-12.7366	-13.6577	-14.6298	-15.5381	-15.4244	-14.7294	-13

Ant. Position：2.4G Ant.7_GAIN PHI



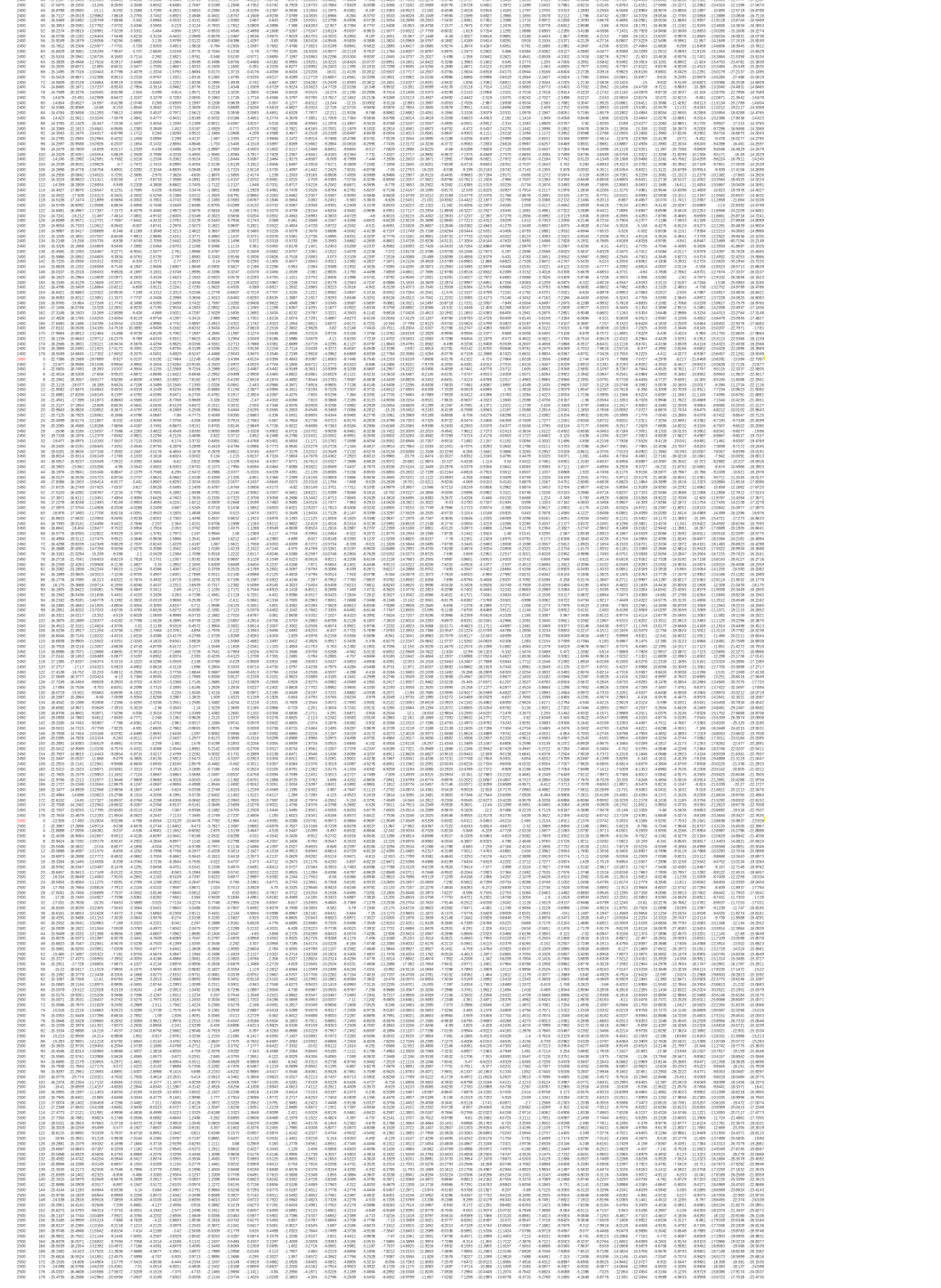
Ant. Position：2.4G Ant.7_GAIN THETA

Frequency	0	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-9.1835	-13.9619	-9.128	-5.8938	-4.6762	-4.4719	-4.7977	-5.9839	-8.1708	-13.9781	-23.9099	-8.9436	-3.4124	-1.2969	-0.9842	-7.4093	-10.9299	-15.9388	-11.5925	-5.7931	-2.3977	5.2135	1.4713	1.7293	1.8401	-0.3011	-1.3441	-0.4136	0.0117	-1.7942	-2.3112	-1.5402	-2.4167	-5.3171	-8.344	-12.3839	-9.2650
2400	1	-9.2738	-14.3344	-9.6613	-5.7539	-4.1351	-4.9779	-5.4409	-6.4144	-9.9472	-12.5589	-23.9012	-10.9742	-3.55	-0.4906	-0.6869	-7.5982	-10.8327	-15.6008	-11.4423	-5.9097	-2.2929	0.0171	1.3332	1.6298	0.9791	-0.4071	-1.4291	-0.3525	0.0513	-1.7539	-2.4146	-1.4539	-2.2722	-5.3671	-8.2966	-12.3672	-9.2728
2400	2	-9.9728	-14.7001	-9.9921	-5.8893	-3.3974	-5.4640	-6.1411	-6.9824	-12.2164	-13.7564	-23.9189	-12.0742	-3.9	-0.7264	-0.3721	-7.6174	-9.821	-15.9714	-11.3829	-6.0316	-2.0282	1.1911	1.9841	1.6399	-0.6874	-1.7214	-0.9926	0.0152	-1.9962	-2.2577	-1.3665	-2.3179	-5.3966	-8.2966	-12.5976	-9.2728
2400	3	-9.4806	-15.0995	-10.2408	-6.0648	-3.9713	-5.9661	-6.8663	-5.648	-2.5489	-1.95	-3.3444	-3.9307	-3.9131	-0.1795	-0.3548	-7.3988	-10.6511	-15.0304	-11.2912	-6.171	-2.747	-0.5315	0.8413	1.2994	0.8612	-0.7129	-1.8774	-0.9438	-0.0154	-1.3969	-2.1275	-1.3279	-2.2116	-5.3921	-8.3003	-12.348	-9.4806
2400	4	-9.7128	-15.4844	-10.8408	-6.3408	-4.3954	-6.7511	-7.3515	-4.6228	-3.120	-2.808	-4.0968	-4.7958	-4.4279	-4.8278	-7.3969	-8.6863	-7.6556	-10.4575	-14.9937	-11.1361	-6.6246	-3.6421	-1.9947	-0.287	0.6254	0.2521	-0.763	-2.1343	-1.4877	-0.9397	-1.0725	-1.5367	-2.0098	-5.2461	-8.3166	-12.3229	-9.7128
2400	5	-9.7128	-15.8994	-11.6809	-6.6819	-4.8954	-6.7511	-8.3515	-4.0811	-3.9999	-3.9999	-4.7958	-4.4279	-4.8278	-7.3969	-8.6863	-7.6556	-10.4575	-14.9937	-11.1361	-6.6246	-3.6421	-1.9947	-0.287	0.6254	0.2521	-0.763	-2.1343	-1.4877	-0.9397	-1.0725	-1.5367	-2.0098	-5.2461	-8.3166	-12.3229	-9.8573
2400	6	-10.0328	-16.2289	-11.4778	-6.8898	-7.0287	-7.9255	-9.6154	-7.7564	-5.8617	-3.1997	-5.2882	-8.8055	-4.898	-7.9305	-7.2258	-7.421	-10.4232	-14.1797	-11.1011	-6.7984	-3.9797	-1.9962	-0.5762	0.0214	0.2622	-0.7587	-2.0999	-1.7133	-0.8642	-1.0823	-1.3828	-0.9615	-2.3556	-5.3258	-8.3838	-12.2778	-10.0328
2400	7	-10.2334	-16.4253	-11.7456	-7.3358	-7.4399	-7.649	-9.2429	-8.3428	-3.9778	-3.37	-5.8845	-5.2487	-5.3879	-8.3362	-7.2357	-7.456	-10.3596	-14.0236	-10.9785	-6.9996	-4.3213	-2.4012	-0.8708	0.2503	0.3574	-0.8557	-2.6354	-2.5439	-0.7444	-1.1961	-0.8938	-2.2373	-5.3166	-8.4218	-12.1838	-10.3334
2400	8	-10.4389	-16.5119	-11.9346	-7.7819	-7.9399	-8.1399	-8.7429	-8.7428	-4.3778	-3.9778	-6.3845	-5.9487	-5.9879	-8.3362	-7.2357	-7.456	-10.3596	-14.0236	-10.9785	-6.9996	-4.3213	-2.4012	-0.8708	0.2503	0.3574	-0.8557	-2.6354	-2.5439	-0.7444	-1.1961	-0.8938	-2.2373	-5.3166	-8.4218	-12.1838	-10.3334
2400	9	-10.4898	-16.7219	-12.2229	-7.9748	-8.4892	-8.2546	-9.9092	-9.2178	-4.8893	-3.9999	-7.1843	-6.9999	-6.9361	-7.7969	-7.5798	-10.4143	-13.7994	-10.5578	-6.9143	-4.35	-2.5515	-1.2254	-0.2213	-0.3877	-1.1499	-0.9406	-0.9797	-1.5295	-1.7214	-1.5281	-0.8936	-2.4279	-5.3171	-8.6092	-11.9947	-10.4898
2400	10	-10.8957	-16.9819	-12.5229	-7.8003	-8.9732	-8.7188	-9.9142	-9.9024	-5.3148	-3.4399	-7.9773	-8.6886	-7.9361	-7.7969	-7.5798	-10.4143	-13.7994	-10.5578	-6.9143	-4.35	-2.5515	-1.2254	-0.2213	-0.3877	-1.1499	-0.9406	-0.9797	-1.5295	-1.7214	-1.5281	-0.8936	-2.4279	-5.3171	-8.6092	-11.9947	-10.8957
2400	11	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	12	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	13	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	14	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	15	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	16	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	17	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	18	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	19	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	20	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	21	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	22	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	23	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	24	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	25	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	26	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	27	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	28	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	29	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	30	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	31	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	32	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	33	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	34	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	35	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545
2400	36	-10.8545	-16.9891	-12.6239	-8.0232	-9.614	-9.5132	-10.4229	-10.4897	-5.8997	-3.9997	-8.5997	-9.2997	-8.7997	-8.2997	-8.5663	-7.7821	-9.7997	-12.4232	-10.7255	-7.5663	-5.7821	-3.7997	-2.2997	-1.2255	-0.7255	-0.7255	-1.2255	-2.2255	-3.2255	-4.2255	-5.2255	-6.2255	-7.2255	-8.2255	-9.2255	-10.2255	-10.8545

Ant. Position: 2.4G Ant.8_GAIN PHI

Frequency	0	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-15.6089	-11.3206	-7.5706	-5.9656	-7.9776	-7.9594	-7.0259	-8.0121	-8.4072	-7.6296	-5.1864	-7.3960	-16.4198	-9.5749	-6.5974	-7.4299	-8.0679	-11.7991	-11.7581	-8.3403	-8.4632	-9.3612	-10.1382	-7.9379	-8.8246	-9.8969	-9.9411	-10.1357	-15.4579	-8.0769	-11.0985	-11.8461	-9.6861	-8.7295	-12.0232	-10.8972	-7.5375	-9.7239
2400	1	-13.8043	-11.0953	-7.6829	-5.8918	-7.6997	-7.8249	-7.3294	-8.636	-9.2165	-7.0639	-4.7538	-7.0732	-15.9211	-8.6867	-6.2879	-7.5377	-9.0679	-11.3980	-11.7013	-8.487	-8.6983	-9.2119	-10.1861	-8.4955	-7.2138	-9.5075	-8.7509	-11.0961	-11.8861	-8.6861	-8.7295	-12.0232	-10.8972	-7.5375	-9.7239	-13.8043	-11.0953
2400	2	-11.9795	-11.0	-7.425	-5.8253	-7.5242	-7.7859	-7.6859	-8.5122	-8.6897	-6.9772	-4.3969	-6.9769	-15.2877	-8.5488	-6.2504	-7.5488	-9.0769	-11.2639	-11.6944	-8.6523	-7.9365	-8.7361	-10.1861	-8.9069	-7.6132	-9.4365	-7.7374	-11.9012	-11.7649	-10.0821	-9.4429	-12.7686	-10.7711	-7.7114	-10.2228	-10.8572	-11.9795
2400	3	-10.9597	-11.0801	-7.368	-5.7702	-7.3948	-7.7052	-8.5849	-8.7645	-9.3377	-6.1983	-3.9604	-6.9171	-14.4147	-7.6965	-6.839	-7.2234	-9.9525	-11.8345	-11.6172	-8.6363	-7.8780	-11.5304	-14.2389	-9.6235	-8.9228	-8.8963	-8.8944	-12.7172	-12.0988	-10.8883	-10.1912	-13.2218	-11.4476	-8.1866	-9.842	-16.799	-10.9597
2400	4	-10.9597	-11.0801	-7.368	-5.7702	-7.3948	-7.7052	-8.5849	-8.7645	-9.3377	-6.1983	-3.9604	-6.9171	-14.4147	-7.6965	-6.839	-7.2234	-9.9525	-11.8345	-11.6172	-8.6363	-7.8780	-11.5304	-14.2389	-9.6235	-8.9228	-8.8963	-8.8944	-12.7172	-12.0988	-10.8883	-10.1912	-13.2218	-11.4476	-8.1866	-9.842	-16.799	-10.9597
2400	5	-12.9429	-11.1204	-7.281	-5.8993	-7.5	-7.636	-8.7777	-7.8993	-8.4224	-6.2121	-4.0849	-6.9171	-13.9558	-7.3969	-6.7504	-7.2969	-9.9969	-12.0969	-11.5717	-8.2594	-8.0722	-12.2594	-13.0969	-9.8969	-9.1364	-8.2969	-12.5594	-12.3969	-12.2594	-11.0969	-10.2969	-13.4969	-12.2594	-9.4207	-10.1364	-17.6462	-12.9429
2400	6	-13.545	-11.5478	-7.2728	-5.678	-7.1361	-7.6294	-9.3986	-11.8124	-8.8992	-5.9011	-3.4819	-6.2175	-12.4783	-6.9361	-5.4491	-7.2229	-10.2139	-12.441	-11.9653	-8.6985	-8.0765	-12.9661	-13.9124	-9.7892	-12.5395	-13.1328	-12.3939	-12.3629	-12.3629	-11.8809	-13.5477	-12.754	-10.1861	-13.6155	-18.5431	-13.545
2400	7	-14.1028	-11.295	-7.227	-5.6755	-7.0867	-7.6436	-9.6861	-12.5473	-9.4539	-5.6052	-3.6189	-5.9	-11.7257	-6.5275	-5.427	-7.2742	-10.4036	-12.8235	-11.9845	-8.7582	-8.0575	-13.4575	-14.6429	-10.9021	-12.1098	-13.8767	-12.4764	-12.9834	-12.5696	-12.7287	-13.8588	-13.3399	-11.395	-14.9269	-19.6323	-13.9028
2400	8	-14.9986	-11.2564	-7.2662	-5.6922	-6.951	-7.8913	-10.3213	-13.2514	-8.9948	-5.336	-3.8934	-5.8935	-12.3362	-6.5735	-5.4719	-7.2987	-10.7135	-12.795	-11.9763	-10.0324	-11.3417	-15.508	-17.4898	-11.3989	-13.7149	-13.2045	-13.857	-13.4497	-12.3276	-12.9969	-12.5268	-13.7939	-14.0232	-12.9962	-15.9377	-20.9629	-13.9986
2400	9	-15.8254	-11.2564	-7.2662	-5.6922	-6.951	-7.8913	-10.3213	-13.2514	-8.9948	-5.336	-3.8934	-5.8935	-12.3362	-6.5735	-5.4719	-7.2987	-10.7135	-12.795	-11.9763	-10.0324	-11.3417	-15.508	-17.4898	-11.3989	-13.7149	-13.2045	-13.857	-13.4497	-12.3276	-12.9969	-12.5268	-13.7939	-14.0232	-12.9962	-15.9377	-20.9629	-13.9986
2400	10	-15.8254	-11.4202	-7.5	-5.775	-6.9996	-7.6733	-10.1723	-9.7578	-7.725	-5.1398	-4.0727	-5.2269	-9.9399	-5.7257	-5.1907	-7.4939	-10.1907	-12.4939	-11.9969	-9.7257	-10.1907	-14.4939	-15.8969	-10.7969	-12.2276	-13.9969	-12.7969	-12.4939	-12.9969	-12.4939	-13.9969	-13.9969	-12.4939	-14.9969	-19.9969	-14.9969	-15.8254
2400	11	-15.8581	-11.5258	-7.5721	-5.8319	-6.7989	-7.8654	-13.2251	-13.3948	-7.2878	-4.9087	-4.7667	-5.8561	-12.5969	-6.7969	-5.9674	-7.6594	-11.6189	-13.5237	-11.6653	-10.975	-14.9639	-20.1054	-15.8264	-12.4813	-12.7134	-14.0259	-11.8968	-10.9182	-11.8216	-12.1857	-12.5648	-14.4036	-16.2556	-12.4264	-26.6865	-13.8581
2400	12	-15.7027	-11.6861	-7.566	-5.899	-6.8933	-7.9202	-13.2251	-13.3948	-7.2878	-4.9087	-4.7667	-5.8561	-12.5969	-6.7969	-5.9674	-7.6594	-11.6189	-13.5237	-11.6653	-10.975	-14.9639	-20.1054	-15.8264	-12.4813	-12.7134	-14.0259	-11.8968	-10.9182	-11.8216	-12.1857	-12.5648	-14.4036	-16.2556	-12.4264	-26.6865	-13.8581
2400	13	-15.7532	-11.788	-7.7778	-6.971	-6.5294	-7.8224	-13.2762	-11.847	-8.0147	-4.3443	-4.9929	-6.1941	-11.5648	-7.3214	-6.4843	-8.2412	-12.0997	-13.4139	-11.7739	-11.7037	-16.9545	-23.2703	-15.4386	-13.2322	-13.6009	-12.8077	-9.6357	-10.0782	-11.4161	-13.9969	-13.6461	-14.7819	-17.9432	-20.6315	-26.928	-27.6328	-13.7532
2400	14	-15.8739	-11.9254	-7.9922	-6.1245	-6.2821	-7.8136	-13.4969	-10.4187	-8.2329	-5.0708	-5.4969	-6.4969	-10.9969	-7.4969	-6.9969	-8.7969	-12.4969	-13.4969	-11.9969	-12.4969	-18.4969	-25.4969	-15.4969	-13.4969	-13.4969	-12.4969	-9.4969	-10.4969	-11.4969	-13.4969	-13.4969	-14.9969	-18.4969	-20.4969	-26.4969	-27.4969	-13.8739
2400	15	-15.8739	-11.9254	-7.9922	-6.1245	-6.2821	-7.8136	-13.4969	-10.4187	-8.2329	-5.0708	-5.4969	-6.4969	-10.9969	-7.4969	-6.9969	-8.7969	-12.4969	-13.4969	-11.9969	-12.4969	-18.4969	-25.4969	-15.4969	-13.4969	-13.4969	-12.4969	-9.4969	-10.4969	-11.4969	-13.4969	-13.4969	-14.9969	-18.4969	-20.4969	-26.4969	-27.4969	-13.8739
2400	16	-13.9841	-12.1221	-8.1817	-6.2208	-6.1358	-7.9047	-13.9281	-9.9379	-8.5931	-4.0398	-6.017	-6.7298	-8.9525	-7.5727	-7.2964	-9.0911	-12.9969	-12.9844	-12.0117	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-12.9844	-13.9841
2400	17	-14.2241	-12.3413	-8.3968	-6.2969	-6.1349	-7.8642	-13.7624	-9.9426	-8.2553	-4.1472	-5.8544	-6.4173	-8.2969	-7.2577	-7.6273	-9.4856	-12.9969	-12.9969	-12.1115	-12.4394	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-12.9969	-14.2241
2400	18	-14.1999	-12.7828	-8.6367	-6.3999	-6.1225	-7.8345	-13.4209	-7.9427	-8.0372	-4.3748	-7.7565	-9.8481	-8.1529	-7.5414	-7.8989	-9.7525	-13.5932	-13.6665	-12.2218	-13.8902	-12.4285	-10.0998	-16.6365	-15.4181	-14.2405	-9.4014	-8.169	-11.137	-10.9765	-8.6879	-10.5454	-15.6021	-16.0073	-21.489	-17.1889	-17.801	-14.1999
2400	19	-14.2864	-13.1567	-8.9862	-6.6635	-6.1227	-7.8523	-13.7993	-7.9993	-7.8993	-4.3993	-7.8993	-9.8993	-8.1993	-7.5993	-7.8993	-9.7993	-13.5993	-13.6993	-12.2993	-13.8993	-12.4993	-10.0993	-16.6993	-15.4993	-14.2993	-9.4993	-8.1993	-11.1993	-10.9993	-8.6993	-10.5993	-15.6993	-16.0993	-21.4993	-17.1993	-17.8993	-14.2864
2400	20	-14.2864	-13.1567	-8.9862	-6.6635	-6.1227	-7.8523	-13.7993	-7.9993	-7.8993	-4.3993	-7.8993	-9.8993	-8.1993	-7.5993	-7.8993	-9.7993	-13.5993	-13.6993	-12.2993	-13.8993	-12.4993	-10.0993	-16.6993	-15.4993	-14.2993	-9.4993	-8.1993	-11.1993	-10.9993	-8.6993	-10.5993	-15.6993	-16.0993	-21.4993	-17.1993	-17.8993	-14.2864
2400	21	-14.4035	-13.8913	-9.4968	-6.8364	-6.374	-7.9896	-14.0407	-8.9051	-8.0651	-5.0429	-10.9962	-11.4181	-8.7969	-8.4962	-10.9419	-14.1961	-12.6181	-15.4745	-12.7644	-17.9192	-17.8786	-17.5799	-14.39	-9.3641	-8.9985	-7.6242	-11.0191	-15.4642	-12.7151	-15.4642	-12.7151	-15.4642	-12.7151	-15.4642	-12.7151	-15.4642	-14.4035
2400	22	-14.5148	-13.9929	-9.6579	-7.143	-6.4936	-7.4275	-13.5008	-8.8948	-8.2798	-6.0447	-12.2862	-12.4436	-8.4969	-9.5962	-11.3948	-14.6378	-12.4969	-15.4969	-12.4969	-17.4969	-17.4969	-17.4969	-14.4969	-9.4969	-9.4969	-9.4969	-11.4969	-15.4969	-12.4969	-15.4969	-12.4969	-15.4969	-12.4969	-15.4969	-12.4969	-15.4969	-14.5148
2400	23	-14.6326	-14.3622	-10.2205	-7.2877	-6.6029	-7.283	-12.6951	-8.9278	-8.9898	-6.7557	-13.9621	-9.9748	-8.5295	-8.6512	-9.5144	-11.8449	-14.7798	-13.6339	-12.9393	-16.8236	-17.9949	-17.3448	-15.2924	-13.8522	-14.9529	-9.7126	-10.3306	-15.1194	-15.4961	-9.6263	-13.7229	-14.7737	-11.3158	-11.565	-12.6176	-12.687	-14.6326
2400	24	-14.7045	-14.7816	-10.9962	-7.5742	-6.769	-7.2559	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-9.6969	-14.1628	-12.1423	-9.3748	-14.7045
2400	25	-14.8866	-15.2657	-11.0234	-7.909	-6.9433	-7.5488	-11.69	-7.4039	-9.5118	-8.7129	-15.8543	-9.4778	-10.408	-12.7798	-14.9572	-13.6106	-13.5089	-17.7748	-15.5376	-13.9663	-17.7748	-15.5376	-13.9663	-17.7748	-15.5376	-13.9663	-17.7748	-15.5376	-13.9663	-17.7748	-15.5376	-13.9663	-17.7748	-15.5376	-13.9663	-17.7748	-14.8866
2400	26	-15.1037	-15.7005	-11.5962	-8.1294	-7.5644	-7.0051	-10.8749	-8.9852	-8.0111	-13.6524	-17.5336	-8.3527	-8.9026	-8.9757	-11.9298	-13.9918	-14.8932	-13.9985	-13.9661	-19.2082	-21.0377	-16.3019	-26.1343	-21.6208	-18.9111	-13.9514	-19.4353	-14.4114	-10.6363	-13.1083	-13.8334	-11.9282	-8.6936	-7.9664	-9.9687	-10.3999	-15.1037
2400	27	-15.4622	-17.285	-13.08	-9.7729	-7.8299	-7.0735	-10.7123	-9.9736	-8.1963	-13.9273	-17.5336	-8.3527	-8.9026	-8.9757	-11.9298	-13.9918	-14.8932	-13.9985	-13.9661	-19.2082	-21.0377	-16.3019	-26.1343	-21.6208	-18.9111	-13.9514	-19.4353	-14.4114	-10.6363	-13.1083	-13.8334	-11.9282	-8.6936	-7.9664	-9.9687	-10.3999	-15.4622
2400	28	-15.6135	-17.9172	-13.7006	-10.333	-8.1298	-7.1713	-10.6809	-10.1898	-9.3776	-14.6514	-7.6264	-9.4852	-8.752	-11.8987	-14.2894	-14.4631	-13.6237	-14.4605	-19.6331	-19.2431	-19.4631	-21.9362	-22.9824	-21.4479	-23.9065	-22.7898	-22.9898	-21.1103	-13.8898	-19.0518	-13.6403	-8.2227	-7.1356	-9.9898	-8.9175	-15.6135
2400	29	-15.9421	-18.5419	-15.0966	-11.0769	-8.4023	-7.2016	-10.5	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-15.9421
2400	30	-16.2421	-19.3419	-16.2966	-11.7769	-8.6023	-7.2016	-10.5	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-10.4	-15.4	-8.4	-10.4	-16.2421
2400	31	-16.5961	-20.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-16.5961
2400	32	-16.9961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-16.9961
2400	33	-17.3961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-17.3961
2400	34	-17.7961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-17.7961
2400	35	-18.1961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-18.1961
2400	36	-18.5961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-18.5961
2400	37	-18.9961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-18.9961
2400	38	-19.3961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-19.3961
2400	39	-19.7961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-19.7961
2400	40	-20.1961	-21.3408	-19.5966	-12.9612	-8.8023	-7.5004	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-10.5966	-20.1961

Ant. Position：2.4G Ant.8_GAIN THETA



Ant. Position：2.4G Ant.9_GAIN PHI

Frequency	0	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-7.7952	-14.5068	-99.4436	-5.8648	-11.7905	-1.4842	-1.2854	-3.2986	-6.3326	-6.1285	-5.483	-9.5347	-5.6479	-7.2589	-9.924	-10.6997	-12.9179	-10.7108	-7.736	-5.7988	-4.6275	-10.979	-10.6047	-9.6774	-7.8075	-9.1016	-11.7767	-11.142	-12.8326	-16.7751	-14.7861	-11.3365	-10.4625	-8.6816	-8.9038	-10.0525	-7.9952
2400	1	-7.8	-14.676	-101.647	-5.9803	-3.9397	-1.4842	-1.2854	-3.2986	-6.3326	-6.1285	-5.483	-9.5347	-5.6479	-7.2589	-9.924	-10.6997	-12.9179	-10.7108	-7.736	-5.7988	-4.6275	-10.979	-10.6047	-9.6774	-7.8075	-9.1016	-11.7767	-11.142	-12.8326	-16.7751	-14.7861	-11.3365	-10.4625	-8.6816	-8.9038	-10.0534	-7.9999
2400	2	-7.8253	-14.8175	-103.951	-6.0947	-4.1137	-1.3962	-1.2152	-3.4146	-6.3999	-6.0882	-5.5298	-9.5166	-5.6324	-7.9409	-9.9961	-10.6259	-12.9309	-10.7109	-7.91	-5.8916	-4.56	-10.2651	-10.7384	-9.7998	-7.9038	-9.2653	-11.1361	-10.122	-12.6968	-17.2962	-15.5225	-11.8281	-10.3213	-8.4716	-8.8738	-10.0594	-7.8253
2400	3	-7.8614	-14.9907	-106.502	-6.2555	-4.3011	-1.7231	-1.3943	-3.6545	-6.9955	-6.0161	-5.308	-9.3983	-5.6365	-8.2173	-9.9969	-10.4115	-13.1148	-11.1895	-8.0976	-6.6348	-4.7537	-11.5439	-10.6514	-9.8913	-8.2173	-8.4386	-10.4309	-9.4298	-12.2458	-17.8775	-16.3587	-12.4611	-11.264	-8.4279	-8.6898	-10.1279	-7.8614
2400	4	-7.9009	-15.1661	-108.933	-6.4236	-4.4734	-2.0997	-1.5749	-3.8705	-7.3866	-6.0482	-5.3258	-9.2241	-5.6457	-8.4766	-9.9976	-10.2303	-13.3167	-11.2681	-8.3182	-6.401	-7.195	-12.7454	-10.2562	-9.8105	-8.4276	-8.4121	-10.8113	-17.7551	-17.95	-12.3842	-9.6395	-8.6981	-8.6186	-8.2944	-8.9659	-10.2964	-7.9009
2400	5	-7.9347	-15.2996	-110.936	-6.533	-4.5116	-2.5407	-1.7549	-3.8705	-7.3866	-6.0095	-5.5249	-9.2979	-5.6241	-10.4867	-12.4248	-10.4967	-13.4484	-11.0967	-8.7484	-6.6063	-7.4027	-12.0117	-10.7384	-10.6482	-8.9139	-9.1463	-9.2757	-8.257	-12.6309	-17.5391	-17.5	-12.9843	-14.6634	-13.0315	-8.7889	-8.9983	-10.9936	-8.0347
2400	6	-7.9689	-15.4671	-112.971	-6.6955	-5.1355	-2.9572	-2.0821	-3.9648	-7.4265	-6.4818	-5.7347	-9.8235	-6.4318	-9.7547	-12.8235	-10.4158	-13.6502	-11.2255	-9.1182	-7.1	-7.8502	-12.2419	-10.897	-11.2961	-10.2287	-9.9	-9.1181	-8.2931	-13.9354	-18.7629	-17.7325	-15.4565	-15.7214	-9.6612	-9.2424	-10.8373	-8.1147
2400	7	-8.2061	-16.4912	-117.462	-6.8092	-5.3797	-3.0555	-2.3684	-4.09	-8.7628	-7.0078	-5.9987	-9.7812	-6.9929	-10.5449	-11.8767	-10.5335	-15.0135	-12.4485	-9.2625	-7.0741	-7.9432	-12.5485	-11.12	-11.5788	-11.1491	-10.9954	-9.4856	-8.3974	-13.5233	-18.2622	-17.6826	-18.3175	-14.5214	-9.7999	-9.5493	-11.1266	-8.2061
2400	8	-8.2426	-17.3149	-122.149	-7.0149	-5.6238	-3.1538	-2.4474	-4.2332	-9.1157	-7.3296	-6.2626	-9.7812	-7.3909	-11.3133	-11.3133	-10.6583	-16.7135	-13.7542	-9.6788	-7.3511	-8.0989	-12.9351	-11.3133	-12.0866	-11.9133	-12.0866	-9.6788	-8.4511	-13.3133	-18.9133	-18.9133	-21.1355	-13.3133	-9.6788	-9.6788	-11.3133	-8.4511
2400	9	-8.4262	-18.2009	-128.7	-7.2213	-5.9964	-3.4579	-2.5234	-4.4364	-9.3996	-6.9318	-6.2728	-9.7146	-7.3253	-11.9464	-10.9253	-10.7579	-18.7395	-15.1	-9.9008	-7.5937	-8.3187	-13.3126	-11.5295	-12.8573	-12.591	-12.9019	-9.9464	-8.9437	-13.9539	-19.3527	-17.5385	-19.47	-12.4635	-9.4116	-9.8879	-10.7326	-10.5449
2400	10	-8.5915	-19.7647	-135.575	-7.6748	-6.2866	-3.6956	-2.6197	-5.2428	-9.7149	-6.5197	-6.4128	-9.7146	-7.6946	-12.4872	-10.9777	-16.1395	-13.3363	-10.1716	-9.5938	-8.2653	-8.7483	-12.4367	-11.9133	-13.1269	-13.2179	-13.1269	-9.9788	-9.2538	-13.9788	-19.9788	-19.9788	-17.5385	-10.47	-9.9788	-9.9788	-11.9788	-9.2538
2400	11	-8.9854	-20.7988	-139.299	-7.7789	-6.6179	-3.9812	-2.7	-5.6	-10.026	-6.6526	-6.6854	-9.7182	-7.9333	-13.2614	-10.8426	-16.7135	-13.6502	-10.5218	-9.2653	-8.8426	-9.2653	-11.7135	-12.5	-13.5788	-13.5788	-13.5788	-10.5218	-9.6788	-15.2218	-21.1355	-19.9788	-17.5385	-10.5218	-9.6788	-9.6788	-11.5788	-9.8854
2400	12	-8.8444	-19.833	-139.446	-8.118	-8.9213	-5.4556	-4.5356	-6.6656	-13.511	-8.7748	-6.963	-9.7426	-7.9755	-14.6611	-17.3554	-18.2902	-16.7248	-13.9532	-12.8803	-8.6176	-8.9087	-14.0589	-12.5929	-13.0586	-13.3079	-13.1528	-10.2623	-10.542	-17.1248	-13.5988	-18.0482	-21.9542	-20.2509	-11.8564	-11.9672	-13.2991	-8.8444
2400	13	-8.7	-19.2	-137.1	-8.4	-9.9	-6.3	-5.4	-7.5	-14.1	-9.6	-7.8	-9.9	-8.1	-15.3	-18.9	-19.8	-18.3	-15.3	-14.1	-9.6	-9.9	-15.3	-13.8	-14.4	-14.7	-14.5	-11.3	-11.6	-18.9	-15.3	-19.8	-23.7	-22.3	-13.1	-13.2	-14.6	-9.7
2400	14	-9.9941	-20.6045	-131.448	-8.8571	-7.7239	-4.5176	-3.7649	-5.9541	-11.7	-8.4577	-7.4577	-10.4577	-8.4577	-13.2117	-18.1121	-17.5135	-16.8635	-16.0901	-15.7395	-14.6038	-15.8674	-14.9399	-13.7423	-14.8882	-15.2683	-14.8882	-13.2117	-12.5117	-19.1121	-15.7395	-17.5135	-18.0901	-16.8635	-14.6038	-15.7395	-14.9399	-9.9941
2400	15	-9.9	-19.9	-131.9	-9.1	-8.1	-4.6	-3.9	-6.1	-12.1	-8.7	-7.7	-10.7	-8.7	-13.6	-18.7	-18.1	-17.4	-16.7	-16.3	-15.1	-16.4	-15.4	-14.2	-15.4	-15.8	-15.4	-13.6	-12.9	-19.7	-16.3	-18.1	-18.7	-17.4	-15.1	-16.3	-15.4	-10.3
2400	16	-9.9961	-19.8045	-131.448	-9.8571	-7.7239	-4.5176	-3.7649	-5.9541	-11.7	-9.4577	-7.4577	-10.4577	-8.4577	-13.2117	-18.1121	-17.5135	-16.8635	-16.0901	-15.7395	-14.6038	-15.8674	-14.9399	-13.7423	-14.8882	-15.2683	-14.8882	-13.2117	-12.5117	-19.1121	-15.7395	-17.5135	-18.0901	-16.8635	-14.6038	-15.7395	-14.9399	-10.3
2400	17	-9.9	-19.9	-131.9	-9.1	-8.1	-4.6	-3.9	-6.1	-12.1	-8.7	-7.7	-10.7	-8.7	-13.6	-18.7	-18.1	-17.4	-16.7	-16.3	-15.1	-16.4	-15.4	-14.2	-15.4	-15.8	-15.4	-13.6	-12.9	-19.7	-16.3	-18.1	-18.7	-17.4	-15.1	-16.3	-15.4	-9.9941
2400	18	-9.4262	-18.2009	-128.7	-9.2213	-7.9964	-4.5579	-3.5234	-4.4364	-9.3996	-6.9318	-6.2728	-9.7146	-7.3253	-11.9464	-10.9253	-10.7579	-18.7395	-15.1	-9.9008	-7.5937	-8.3187	-13.3126	-11.5295	-12.8573	-12.591	-12.9019	-9.9464	-8.9437	-13.9539	-19.3527	-17.5385	-19.47	-12.4635	-9.4116	-9.8879	-10.7326	-10.5449
2400	19	-8.9854	-20.7988	-139.299	-7.7789	-6.6179	-3.9812	-2.7	-5.6	-10.026	-6.6526	-6.6854	-9.7182	-7.9333	-13.2614	-10.8426	-16.7135	-13.6502	-10.5218	-9.2653	-8.8426	-9.2653	-11.7135	-12.5	-13.5788	-13.5788	-13.5788	-10.5218	-9.6788	-15.2218	-21.1355	-19.9788	-17.5385	-10.5218	-9.6788	-9.6788	-11.5788	-9.2538
2400	20	-8.8444	-19.833	-139.446	-8.118	-8.9213	-5.4556	-4.5356	-6.6656	-13.511	-8.7748	-6.963	-9.7426	-7.9755	-14.6611	-17.3554	-18.2902	-16.7248	-13.9532	-12.8803	-8.6176	-8.9087	-14.0589	-12.5929	-13.0586	-13.3079	-13.1528	-10.2623	-10.542	-17.1248	-13.5988	-18.0482	-21.9542	-20.2509	-11.8564	-11.9672	-13.2991	-8.8444
2400	21	-7.9689	-15.4671	-112.971	-6.6955	-5.1355	-2.9572	-2.0821	-3.9648	-7.4265	-6.4818	-5.7347	-9.8235	-6.4318	-9.7547	-12.8235	-10.4158	-13.6502	-11.2255	-9.1182	-7.1	-7.8502	-12.2419	-10.897	-11.2961	-10.2287	-9.9	-9.1181	-8.2931	-13.9354	-18.7629	-17.7325	-15.4565	-15.7214	-9.6612	-9.2424	-10.8373	-8.1147
2400	22	-7.9347	-15.2996	-110.936	-6.533	-4.5116	-2.5407	-1.7549	-3.8705	-7.3866	-6.0095	-5.5249	-9.2979	-5.6241	-10.4867	-12.4248	-10.4967	-13.4484	-11.0967	-8.7484	-6.6063	-7.4027	-12.0117	-10.7384	-10.6482	-8.9139	-9.1463	-9.2757	-8.257	-12.6309	-17.5391	-17.5	-12.9843	-14.6634	-13.0315	-8.7889	-8.9983	-10.9936	-8.0347
2400	23	-7.9009	-15.1661	-108.933	-6.4236	-4.4734	-2.0997	-1.5749	-3.8705	-7.3866	-6.0482	-5.3258	-9.2241	-5.6457	-8.4766	-9.9976	-10.2303	-13.3167	-11.2681	-8.3182	-6.401	-7.195	-12.7454	-10.2562	-9.8105	-8.4276	-8.4121	-10.8113	-17.7551	-17.95	-12.3842	-9.6395	-8.6981	-8.6186	-8.2944	-8.9659	-10.2964	-7.9009
2400	24	-7.8614	-14.9907	-106.502	-6.2555	-4.3011	-1.7231	-1.3943	-3.6545	-6.9955	-6.0161	-5.308	-9.3983	-5.6365	-8.2173	-9.9969	-10.4115	-13.1148	-11.1895	-8.0976	-6.6348	-4.7537	-11.5439	-10.6514	-9.8913	-8.2173	-8.4386	-10.4309	-9.4298	-12.2458	-17.8775	-16.3587	-12.4611	-11.264	-8.4279	-8.6898	-10.1279	-7.8614
2400	25	-7.8253	-14.8175	-103.951	-6.0947	-4.1137	-1.3962	-1.2152	-3.4146	-6.3999	-6.0882	-5.5298	-9.5166	-5.6324	-7.9409	-9.9961	-10.6259	-12.9309	-10.7109	-7.91	-5.8916	-4.56	-10.2651	-10.7384	-9.7998	-7.9038	-9.2653	-11.1361	-10.122	-12.6968	-17.2962	-15.5225	-11.8281	-10.3213	-8.4716	-8.8738	-10.0594	-7.8253
2400	26	-7.8	-14.676	-101.647	-5.9803	-3.9397	-1.4842	-1.2854	-3.2986	-6.3326	-6.1285	-5.483	-9.5347	-5.6479	-7.2589	-9.924	-10.6997	-12.9179	-10.7108	-7.736	-5.7988	-4.6275	-10.979	-10.6047	-9.6774	-7.8075	-9.1016	-11.7767	-11.142	-12.8326	-16.7751	-14.7861	-11.3365	-10.4625	-8.6816	-8.9038	-10.0525	-7.9952
2400	27	-7.7952	-14.5068	-99.4436	-5.8648	-11.7905	-1.4842	-1.2854	-3.2986	-6.3326	-6.1285	-5.483	-9.5347	-5.6479	-7.2589	-9.924	-10.6997	-12.9179	-10.7108	-7.736	-5.7988	-4.6275	-10.979	-10.6047	-9.6774	-7.8075	-9.1016	-11.7767	-11.142	-12.8326	-16.7751	-14.7861	-11.3365	-10.4625	-8.6816	-8.9038	-10.0525	-7.9952
2400	28	-7.8	-14.676	-101.647	-5.9803	-3.9397	-1.4842	-1.2854	-3.2986	-6.3326	-6.1285	-5.483	-9.5347	-5.6479	-7.2589	-9.924	-10.6997	-12.9179	-10.7108	-7.736	-5.7988	-4.6275	-10.979	-10.6047	-9.6774	-7.8075	-9.1016	-11.7767	-11.142	-12.8326	-16.7751	-14.7861	-11.3365	-10.4625	-8.6816	-8.9038	-10.0534	-7.9999
2400	29	-7.8253	-14.8175	-103.951	-6.0947	-4.1137	-1.3962	-1.2152	-3.4146	-6.3999	-6.0882	-5.5298	-9.5166	-5.6324	-7.9409	-9.9961	-10.6259	-12.9309	-10.7109	-7.91	-5.8916	-4.56	-10.2651	-10.7384	-9.7998	-7.9038	-9.2653	-11.1361	-10.122	-12.6968	-17.2962	-15.5225	-11.8281	-10.3213	-8.4716	-8.8738	-10.0594	-7.8253
2400	30	-7.8614	-14.9907	-106.502	-6.2555	-4.3011	-1.7231	-1.3943	-3.6545	-6.9955	-6.0161	-5.308	-9.3983	-5.6365	-8.2173	-9.9969	-10.4115	-13.1148	-11.1895	-8.0976	-6.6348	-4.7537	-11.5439	-10.6514	-9.8913	-8.2173	-8.4386	-10.4309	-9.4298	-12.2458	-17.8775	-16.3587	-12.4611	-11.264	-8.4279	-8.6898	-10.1279	-7.8614
2400	31	-7.9009	-15.1661	-108.933	-6.4236	-4.4734	-2.0997	-1.5749	-3.8705	-7.3866	-6.0482	-5.3258	-9.2241	-5.6457	-8.4766	-9.9976	-10.2303	-13.3167	-11.2681	-8.3182	-6.401	-7.195	-12.7454	-10.2562	-9.8105	-8.4276	-8.4121	-10.8113	-17.7551	-17.95	-12.3842	-9.6395	-8.6981	-8.6186	-8.2944	-8.9659	-10.2964	-7.9009
2400	32	-7.9347	-15.2996	-110.936	-6.533	-4.5116	-2.5407	-1.7549	-3.8705	-7.3866	-6.0095	-5.5249	-9.2979	-5.6241	-10.4867	-12.4248	-10.4967	-13.4484	-11.0967	-8.7484	-6.6063	-7.4027	-12.0117	-10.7384	-10.6482	-8.9139	-9.1463	-9.2757	-8.257	-12.6309	-17.5391	-17.5	-12.9843	-14.6634	-13.0315	-8.7889	-8.9983	-10.9936	-8.0347
2400	33	-7.9689	-15.4671	-112.971	-6.6955	-5.1355	-2.9572	-2.0821	-3.9648	-7.4265	-6.4818	-5.7347	-9.8235	-6.4318	-9.7547	-12.8235	-10.4158	-13.6502	-11.2255	-9.1182	-7.1	-7.8502	-12.2419	-10.897	-11.2961	-10.2287	-9.9	-9.1181	-8.2931	-13.9354	-18.7629	-17.7325	-15.4565	-15.7214	-9.6612	-9.2424	-10.8373	-8.1147
2400	34	-9.997	-20.1205	-139.299	-9.0686	-7.2625	-5.7525	-3.4899	-8.2124	-9.9401	-11.0164	-8.4274	-10.9126	-10.2618	-18.6348	-20.1	-18.1376	-21.7618	-21.1106	-13.2351	-11.6166	-10.5351	-17.1137	-12.6166	-10.5351	-12.6166	-13.2351	-12.6166	-10.5351	-17.1137	-21.7618	-18.1376	-20.1106	-18.6348	-11.0164	-9.4274	-8.2124	-9.997
2400	35	-9.8236	-18.185	-137.864	-9.6663	-7.2398	-5.7554	-3.9652	-9.5952	-17.0394	-11.9649	-9.0545	-9.9461	-9.9462	-19.9371	-24.9393	-19.9815	-17.2826	-15.4609	-13.1369	-10.836	-12.4279	-15.2601	-12.7771	-11.1385	-13.9533	-15.9748	-13.5213	-13.9532	-12.8578	-13.6336	-13.5757	-16.416	-19.2899	-19.5617	-15.6998	-18.9271	-9.8236
2400	36	-9.6	-17.1	-134.1	-9.9	-7.2	-5.7	-4.1	-9.9	-17.1	-12.1	-9.1	-9.9	-9.9	-20.1	-25.1	-20.1	-17.3	-15.5	-13.2	-10.9	-12.5	-15.3	-12.8	-11.2	-14	-16	-13.6	-14	-12.9	-13.7	-13.6	-16.5	-19.3	-19.6	-15.8	-19	-9.6	-9.6
2400	37	-9.1264	-16.2794	-129.8	-10.2	-8.2	-6.5	-5.5	-7.2	-12.1	-9.9	-8.9	-9.5	-9.5	-17.1	-20.1	-17.1	-15.2	-13.9	-12.1	-10.2	-11.2	-13.9	-12.1	-10.2	-11.2	-12.1	-12.1	-11.2	-13.9	-15.2	-17.1	-20.1	-17.1	-13.9	-12.1	-11.2	-9.1264
2400	38	-9.1264	-16.2794	-129.8	-10.2	-8.2	-6.5	-5.5	-7.2	-12.1	-9.9	-8.9	-9.5	-9.5	-17.1	-20.1	-17.1	-15.2	-13.9	-12.1	-10.2	-11.2	-13.9	-12.1	-10.2	-11.2	-12.1	-12.1	-11.2	-13.9	-15.2	-17.1	-20.1	-17.1	-13.9	-12.1	-11.2	-9.1264
2400	39	-9.997	-20.1205	-139.299	-9.0686	-7.2625	-5.7525	-3.4899	-8.2124	-9.9401	-11.0164	-8.4274	-10.9126	-10.2618	-18.6348	-20.1	-18.1376	-21.7618	-21.1106	-13.2351	-11.6166	-10.5351	-17.1137	-12.6166	-10.5351	-12.6166	-13.2351	-12.6166	-10.5351	-17.1137	-21.7618	-18.1376	-20.1106	-18.6348	-11.0164	-9.4274	-8.2124	-9.997
2400	40	-10.9095	-19.427	-140.578	-11.649	-8.6988	-6.2776	-4.4811	-10.8359	-20.0952	-20.904	-17.9037	-11.3	-11.3	-20.1	-20.1	-20.1	-20.1	-20.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-20.1	-20.1	-20.1	-20.1	-20.1	-11.3	-11.3	-10.9095
2400	41	-11.2328	-18.7751	-140.672	-10.4648	-8.5834	-6.3936	-6.7318	-11.8951	-19.39	-17.4157	-12.9815	-12.583	-13.254	-18.2969	-17.5142	-18.178	-17.0988	-16.6414	-16.3489	-14.0885	-13.8661	-15.6755	-14.3014	-13.0779	-15.2048	-13.5117	-13.7775	-14.2948	-14.1519	-15.1382	-16.2336	-15.7234	-16.4037	-15.6235	-15.2873	-20.0383	-11.2328
2400	42	-11.7777	-19.4613	-142.208	-10.4234	-8.5249	-6.4293	-7.1	-12.1	-19.7	-18.4	-14.9	-13.7	-13.7	-18.4	-16.6	-17.3	-17.3	-17.3	-16.7	-16.7	-16.7	-16.7	-16.7	-16.7	-16.7	-16.7	-16.7	-16.7	-16.7	-17.3	-17.3	-16.7	-16.7	-16.7	-16.7	-16.7	-11.7777
2400	43	-11.9448	-20.1277	-139.668	-10.3989	-8.4893	-6.3573	-8.4205	-10.1779	-18.4292	-19.2317	-16.3862	-16.2607	-16.9864	-18.3634	-18.9313	-18.9925	-17.7737	-19.8998	-14.8097	-19.6995	-15.4284	-19.5962	-19.0617	-17.2266	-16.5315	-15.4614	-14.9468	-16.2364	-16.7625	-15.7002	-15.3713	-15.9423	-16.2836	-20.9445	-19.5962	-14.3688
2400	44	-12.1	-19.9	-137.1	-9.9	-8.1	-6.3	-8.4	-10.1	-18.4	-19.2	-16.3	-16.2	-16.9	-18.3	-18.9	-18.9	-17.7	-19.8	-14.8	-19.6	-15.4	-19.5	-19.0	-17.2	-16.5	-15.4	-14.9	-16.2	-16.7	-15.7	-15.3	-15.9	-16.2	-20.9	-19.5	-14.3	-12.1
2400	45	-12.2798	-17.9613	-130.006	-9.9991	-8.3579	-6.5526	-7.337	-8.2528	-12.2999	-20.2317	-19.9991	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-18.2528	-12.2798
2400	46	-12.9	-17.8	-126.9	-9.9	-8.3	-6.5	-7.3	-8.2	-12.2	-20.2	-19.9	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-18.2	-12.9
2400	47	-13.2239	-17.8326	-123.979	-9.8098	-8.2841	-6.6398	-6.6993	-7.3464	-11.5125	-29.9667	-22.6767	-16.9222	-16.5122	-13.5723	-13.6755	-13.979	-18.6777	-17.1829	-20.137	-19.6448	-16.2671	-19.5119	-17.623	-19.0894	-18.9979	-18.9927	-17.7158	-16.5489	-16.0074	-17.5705	-18.5762	-14.5118	-19.3119	-18.5784	-25.7612	-33.4266	-13.2239
2400	48	-13.9	-17.8	-123.9	-9.8	-8.2	-6.6	-6.6	-7.3	-11.5	-29.9	-22.6	-16.9	-16.5	-13.5	-13.6	-13.9	-18.6	-17.1	-20.1	-19.6	-16.2	-19.5	-17.6	-19.0	-18.9	-18.9	-17.7	-16.5	-16.0	-17.5	-18.5	-14.5	-19.3	-18.5	-25.7	-33.4	-13.9
2400	49	-14.2798	-18.271	-133.861	-9.415	-9.0938	-9.0938	-5.4781	-5.9781	-9.9188	-24.724	-21.8057	-14.3125	-12.8888	-13.9779	-12.8121	-18.2100	-18.6256	-17.1888	-21.2331	-22.9998	-19.5237	-22.5299	-17.7587	-11.1798	-8.4133	-9.5845	-11.1307	-14.0575	-17.5254	-18.0561	-20.4875	-19.4121	-25.4863	-19.8322	-20.9491	-29.7571	-14.2798
2400	50	-14.9	-18.2	-133.8	-9.4	-9.1	-9.1	-5.4	-5.9	-9.9	-24.7	-21.8	-14.3	-12.9	-13.9	-12.8	-18.2	-18.6	-17.1	-21.2	-22.9	-19.5	-22.5	-17.7	-11.2	-8.4	-9.6	-11.1	-14.1	-17.5	-18.1	-20.5	-19.4	-25.5	-19.8	-21.0	-29.8	-14.9
2400	51	-15.9	-19.9	-135.9	-9.9	-9.9	-9.9	-5.9	-5.9	-9.9	-24.9	-21.9	-14.9	-13.1	-13.9	-12.9	-18.2	-18.6	-17.1	-21.2	-22.9	-19.5	-22.5	-17.7	-11.2	-8.4	-9.6	-11.1	-14.1	-17.5	-18.1	-20.5	-19.4	-25.5	-19.8	-21.0	-29.8	-15.9
2400	52	-16.9	-20.9	-137.9	-10.4	-10.4	-10.4	-6.4	-6.4	-10.4	-25.4	-22.4	-15.4	-13.6	-14.4	-13.4	-18.7	-19.1	-17.6	-21.7	-23.4	-19.9	-22.9	-18.1	-11.7	-8.9	-10.1	-11.6	-14.6	-18.0	-18.6	-21.0	-19.9	-26.0	-20.3	-21.5	-30.3	-16.9
2400	53	-17.9	-21.9	-139.9	-10.9	-10.9	-10.9	-6.9	-6.9	-10.9	-25.9	-22.9	-15.9	-14.1	-14.9	-13.9	-19.2	-19.6	-18.1	-22.2	-23.9	-20.4	-23.4	-18.6	-12.2	-9.4	-10.6	-12.1	-15.1	-18.5	-19.1	-21.5	-20.4	-26.5	-20.8	-22.0	-30.8	-17.9
2400	54	-18.9	-22.9	-141.9	-11.4	-11.4	-11.4	-7.4	-7.4	-11.4	-26.4	-23.4	-16.4	-14.6	-15.4	-14.4	-19.7	-20.1	-18.6	-22.7	-24.4	-20.9	-23.9	-19.1	-12.7	-9.9	-11.1	-12.6	-15.6	-19.0	-19.6	-22.0	-20.9	-27.0	-21.3	-22.5	-31.3	-18.9
2400	55	-19.9	-23.9	-143.9	-11.9	-11.9	-11.9	-7.9	-7.9	-11.9	-26.9	-23.9	-16.9	-15.1	-15.9	-14.9	-20.2	-20.6	-19.1	-23.2	-24.9	-21.4	-24.4	-19.6	-13.2	-10.4	-11.6	-13.1	-16.1	-19.5	-20.1	-22.5	-21.4	-27.5	-21.8	-23.0	-31.8	-19.9
2400	56	-20.9	-24.9	-145.9	-12.4	-12.4	-12.4	-8.4	-8.4	-12.4	-27.4	-24.4	-17.4	-15.7	-16.4	-15.4	-20.7	-21.1	-19.6	-23.7	-25.4	-21.9	-24.9	-20.1	-13.7	-10.9	-12.1	-13.6	-16.6	-20.0	-20.6	-23.0	-21.9	-28.0	-22.3	-23.5	-32.3	-20.9
2400	57	-21.9	-25.9	-147.9	-12.9	-12.9	-12.9	-8.9	-8.9	-12.9	-27.9	-24.9	-17.9	-16.2	-16.9	-15.9	-21.2	-21.6	-20.1	-24.2	-25.9	-22.4	-25.4	-20.6	-14.2	-11.4	-12.6	-14.1	-17.1	-20.5	-21.1	-23.5	-22.4	-28.5	-22.8	-24.0	-32.8	-21.9
2400	58	-22.9	-26.9	-149.9	-13.4	-13.4	-13.4	-9.4	-9.4	-13.4	-28.4	-25.4	-18.4	-16.6	-17.4	-16.4	-21.7	-22.1	-20.6	-24.7	-26.4	-22.9	-25.9	-21.1	-14.7	-11.9	-13.1	-14.6	-17.6	-21.0	-21.6	-24.0	-22.9	-29.0	-23.3	-24.5	-33.3	-22.9
2400	59	-23.9	-27.9	-151.9	-13.9	-13.9	-13.9	-9.9	-9.9	-13.9	-28.9	-25.9	-18.9	-17.1	-17.9	-16.9	-22.2	-22.6	-21.1	-25.2	-26.9	-23.4	-26.4	-21.6	-15.2	-12.4	-13.6	-15.1	-18.1	-21.5	-22.1	-24.5	-23.4	-29.5	-23.8	-25.0	-33.8	-23.9
2400	60	-24.9	-28.9	-153.9	-14.4	-14.4	-14.4	-10.4	-10.4	-14.4	-29.4	-26.4	-19.4	-17.6	-18.4	-17.4	-22.7	-23.1	-21.6	-25.7	-27.4	-23.9	-26.9	-22.1	-15.7	-12.9	-14.1	-15.6	-18.6	-22.0	-22.6	-25.0	-23.9	-30.0	-24.3	-25.5	-34.3	-24.9
2400	61	-25.9	-29.9	-155.9	-14.9	-14.9	-14.9	-10.9	-10.9	-14.9	-29.9	-26.9	-19.9	-18.1	-18.9	-17.9	-23.2	-23.6	-22.1	-26.2	-27.9	-24.4	-27.4	-22.6	-16.2	-13.4	-

Ant. Position：2.4G Ant.9_GAIN THETA

Frequency	0	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-37.3561	-35.1354	-149.148	-130.054	-54.089	-19.4284	-8.7084	-2.9776	-0.18	0.5125	0.6561	1.2171	0.9076	-0.2884	-1.9472	-3.9348	-5.9245	-8.3561	-11.8522	-17.4898	-23.8997	-10.3618	-9.9727	-7.3369	-4.0937	-0.7983	-3.3498	-5.2968	-7.8748	-2.4966	-5.9273	-3.3944	-3.9965	-8.0401	-12.1478	-18.5705	-32.3519
2400	2	-37.7012	-35.2802	-147.021	-129.809	-55.3879	-18.6425	-7.9733	-2.4386	0.1424	0.6486	1.3874	1.4352	0.9906	-0.254	-1.913	-3.9239	-5.9206	-8.2362	-11.6444	-17.2648	-23.6366	-10.5031	-7.5132	-4.0547	-0.7473	-3.2958	-5.8748	-2.4966	-5.9273	-3.3944	-3.9965	-8.0401	-12.1478	-18.5705	-32.3519	
2400	4	-38.7982	-36.4174	-144.724	-127.295	-56.1883	-17.4319	-6.9023	-1.9748	0.5354	1.1907	1.9897	1.9151	0.2191	-1.898	-3.9447	-6.0961	-12.8972	-19.6251	-14.9329	-10.9861	-11.7512	-7.9444	-3.9436	-0.3153	-3.2164	-1.7483	-2.6923	-6.7153	-3.6497	-6.3529	-7.7208	-10.3939	-12.7208	-17.0328	-28.7961		
2400	6	-39.3284	-37.5432	-142.562	-125.148	-57.4889	-16.2247	-5.8864	-1.4963	0.7028	1.4512	1.7862	1.7575	1.0476	-0.224	-1.8951	-3.8165	-5.8147	-7.9615	-12.5789	-28.9841	-14.9232	-10.9671	-11.9039	-7.7542	-3.9231	-3.8863	-3.4108	-1.8.99	-2.9871	-6.4952	-6.115	-4.3175	-4.9329	-8.7175	-13.5485	-17.4511	-28.3263
2400	8	-39.7.9	-38.5.9	-140.4	-123.0	-58.5.9	-15.0.9	-4.8.9	-1.0.9	0.8.9	1.5.9	1.6.9	1.5.9	0.8.9	-0.2.9	-1.8.9	-3.7.9	-5.7.9	-7.7.9	-10.7.9	-14.7.9	-19.7.9	-14.7.9	-10.7.9	-11.7.9	-7.7.9	-3.7.9	-3.7.9	-3.7.9	-1.7.9	-2.7.9	-5.7.9	-5.7.9	-4.7.9	-8.7.9	-13.7.9	-17.7.9	-27.7.9	
2400	10	-37.8017	-39.7277	-139.0981	-121.4514	-58.2708	-13.9525	-4.1559	-0.7778	0.9128	1.5898	1.8115	1.3.04	1.183	0.686	-0.8425	-2.3308	-3.895	-5.5813	-7.4278	-10.6487	-15.9626	-18.8544	-12.4871	-17.2137	-8.8914	-5.1364	-5.5287	-3.1157	-3.85	-5.6263	-13.0762	-9.0805	-6.8813	-7.2336	-11.7122	-17.9389	-20.0812	-19.3807
2400	12	-37.8.9	-39.7.9	-137.9	-120.4	-58.2.9	-13.0.9	-3.4.9	-0.4.9	0.9.9	1.5.9	1.8.9	1.3.9	1.1.9	0.6.9	-0.8.9	-2.3.9	-3.8.9	-5.5.9	-7.4.9	-10.6.9	-15.9.9	-18.8.9	-12.4.9	-17.2.9	-8.8.9	-5.1.9	-5.5.9	-3.1.9	-3.8.9	-5.6.9	-13.0.9	-9.0.9	-6.8.9	-7.2.9	-11.7.9	-17.9.9	-20.0.9	-19.3.9
2400	14	-39.3609	-39.7621	-13.981	-119.975	-58.7243	-8.4634	-3.1251	-0.1963	1.1993	1.7993	2.1814	1.9179	1.5224	0.6426	-0.2251	-1.8993	-3.5148	-5.1198	-7.1355	-10.3148	-15.1355	-20.1287	-16.2626	-12.1865	-15.864	-10.177	-4.7005	-3.3638	-5.0971	-10.8764	-6.4354	-6.9117	-6.4855	-10.8215	-16.6658	-19.4878	-20.3608
2400	16	-39.3607	-39.7079	-13.448	-119.9448	-58.7243	-7.8008	-2.7239	-0.2539	1.0988	1.6115	2.0004	1.883	0.688	-0.8425	-2.3308	-3.895	-5.5813	-7.4278	-10.6487	-15.9626	-18.8544	-12.4871	-17.2137	-8.8914	-5.1364	-5.5287	-3.1157	-3.85	-5.6263	-13.0762	-9.0805	-6.8813	-7.2336	-11.7122	-17.9389	-20.0812	-19.3807
2400	18	-39.3.9	-39.7.9	-13.4.9	-119.9.9	-58.7.9	-7.8.9	-2.7.9	-0.2.9	1.0.9	1.6.9	2.0.9	1.8.9	0.6.9	-0.8.9	-2.3.9	-3.8.9	-5.5.9	-7.4.9	-10.6.9	-15.9.9	-18.8.9	-12.4.9	-17.2.9	-8.8.9	-5.1.9	-5.5.9	-3.1.9	-3.8.9	-5.6.9	-13.0.9	-9.0.9	-6.8.9	-7.2.9	-11.7.9	-17.9.9	-20.0.9	-19.3.9
2400	20	-37.4767	-35.4264	-13.322	-119.8767	-58.7.9	-8.4.9	-3.1.9	-0.1.9	1.1.9	1.7.9	2.1.9	1.9.9	1.5.9	0.6.9	-0.2.9	-1.8.9	-3.5.9	-5.1.9	-7.1.9	-10.3.9	-15.1.9	-20.1.9	-16.2.9	-12.1.9	-15.8.9	-10.1.9	-4.7.9	-3.3.9	-5.0.9	-10.8.9	-6.4.9	-6.9.9	-6.4.9	-10.8.9	-16.6.9	-19.4.9	-20.3.9
2400	22	-36.9689	-33.1961	-13.0841	-12.1186	-58.7609	-13.1564	-10.5135	-8.9969	1.167	1.7021	2.1848	2.0.9	1.6.9	0.6.9	-0.2.9	-1.8.9	-3.5.9	-5.1.9	-7.1.9	-10.3.9	-15.1.9	-20.1.9	-16.2.9	-12.1.9	-15.8.9	-10.1.9	-4.7.9	-3.3.9	-5.0.9	-10.8.9	-6.4.9	-6.9.9	-6.4.9	-10.8.9	-16.6.9	-19.4.9	-20.3.9
2400	24	-36.3018	-28.9092	-13.0929	-10.8862	-12.3397	-13.0026	-10.8.9	-8.9.9	1.157	1.7.9	2.1.9	2.0.9	1.6.9	0.6.9	-0.2.9	-1.8.9	-3.5.9	-5.1.9	-7.1.9	-10.3.9	-15.1.9	-20.1.9	-16.2.9	-12.1.9	-15.8.9	-10.1.9	-4.7.9	-3.3.9	-5.0.9	-10.8.9	-6.4.9	-6.9.9	-6.4.9	-10.8.9	-16.6.9	-19.4.9	-20.3.9
2400	26	-35.7024	-28.9718	-12.991	-10.9796	-12.8265	-13.3393	-13.3029	-11.8135	1.3148	1.8737	2.0239	2.0006	1.6.9	0.6.9	-0.2.9	-1.8.9	-3.5.9	-5.1.9	-7.1.9	-10.3.9	-15.1.9	-20.1.9	-16.2.9	-12.1.9	-15.8.9	-10.1.9	-4.7.9	-3.3.9	-5.0.9	-10.8.9	-6.4.9	-6.9.9	-6.4.9	-10.8.9	-16.6.9	-19.4.9	-20.3.9
2400	28	-35.4.9	-28.9.9	-12.9.9	-10.9.9	-12.8.9	-13.3.9	-13.3.9	-11.8.9	1.3.9	1.8.9	2.0.9	2.0.9	1.6.9	0.6.9	-0.2.9	-1.8.9	-3.5.9	-5.1.9	-7.1.9	-10.3.9	-15.1.9	-20.1.9	-16.2.9	-12.1.9	-15.8.9	-10.1.9	-4.7.9	-3.3.9	-5.0.9	-10.8.9	-6.4.9	-6.9.9	-6.4.9	-10.8.9	-16.6.9	-19.4.9	-20.3.9
2400	30	-35.4629	-31.9466	-12.9992	-15.5263	-13.1761	-4.2211	-4.6681	-5.9579	1.2.9	1.2.9	1.8.9	2.0.9	1.6.9	0.6.9	-0.2.9	-1.8.9	-3.5.9	-5.1.9	-7.1.9	-10.3.9	-15.1.9	-20.1.9	-16.2.9	-12.1.9	-15.8.9	-10.1.9	-4.7.9	-3.3.9	-5.0.9	-10.8.9	-6.4.9	-6.9.9	-6.4.9	-10.8.9	-16.6.9	-19.4.9	-20.3.9
2400	32	-36.5272	-33.3748	-12.7158	-15.432	-12.3489	-4.6392	-1.2399	-0.3371	-1.6142	-2.6661	-2.5323	-2.6066	-4.5975	-6.9194	-7.829	-8.0102	-7.7396	-6.7371	-7.8173	-9.5961	-12.7.9	-17.7.9	-15.4.9	-13.6.9	-7.1.9	-7.5.9	-7.1.9	-6.1.9	-4.7.9	-3.2.9	-7.7.9	-10.3.9	-7.9.9	-8.4.9	-10.6.9	-12.9.9	-12.3.9	
2400	34	-37.5.9	-35.1.9	-12.6.9	-15.3.9	-12.2.9	-4.5.9	-1.2.9	-0.3.9	-1.6.9	-2.6.9	-2.5.9	-2.6.9	-4.5.9	-6.9.9	-7.8.9	-8.0.9	-7.7.9	-6.7.9	-7.8.9	-9.5.9	-12.7.9	-17.7.9	-15.4.9	-13.6.9	-7.1.9	-7.5.9	-7.1.9	-6.1.9	-4.7.9	-3.2.9	-7.7.9	-10.3.9	-7.9.9	-8.4.9	-10.6.9	-12.9.9	-12.3.9	
2400	36	-37.7374	-37.8772	-12.5996	-11.7834	-9.9999	-2.3.99	-0.9.99	-1.7.99	-2.7.99	-2.7.99	-2.7.99	-2.7.99	-4.7.99	-6.7.99	-7.7.99	-8.7.99	-7.7.99	-6.7.99	-7.7.99	-9.7.99	-12.7.99	-17.7.99	-15.7.99	-13.7.99	-7.7.99	-7.7.99	-7.7.99	-6.7.99	-4.7.99	-3.7.99	-7.7.99	-10.7.99	-7.7.99	-8.7.99	-10.7.99	-12.7.99	-12.7.99	
2400	38	-37.3324	-37.4097	-12.3984	-12.3778	-2.2961	-2.0027	-1.3399	-1.8126	-1.1354	-1.135	-2.7369	-2.4954	-1.8888	-3.8395	-5.2877	-6.0998	-6.1723	-6.8732	-8.7283	-10.2555	-12.6475	-15.0871	-14.2361	-11.2984	-8.2916	-7.6211	-5.9753	-7.0279	-11.5138	-13.5487	-9.5255	-11.0998	-14.3972	-14.9451	-14.2361	-30.3307	-12.3324
2400	40	-37.8.99	-37.8.99	-12.8.99	-12.8.99	-2.8.99	-2.8.99	-1.8.99	-1.8.99	-1.8.99	-1.8.99	-2.8.99	-2.8.99	-1.8.99	-3.8.99	-5.8.99	-6.8.99	-6.8.99	-6.8.99	-8.8.99	-10.8.99	-12.8.99	-15.8.99	-14.8.99	-11.8.99	-8.8.99	-7.8.99	-5.8.99	-7.8.99	-11.8.99	-13.8.99	-9.8.99	-11.8.99	-14.8.99	-14.8.99	-14.8.99	-30.8.99	-12.8.99
2400	42	-38.8004	-38.8.99	-12.8.99	-12.8.99	-2.8.99	-2.8.99	-1.8.99	-1.8.99	-1.8.99	-1.8.99	-2.8.99	-2.8.99	-1.8.99	-3.8.99	-5.8.99	-6.8.99	-6.8.99	-6.8.99	-8.8.99	-10.8.99	-12.8.99	-15.8.99	-14.8.99	-11.8.99	-8.8.99	-7.8.99	-5.8.99	-7.8.99	-11.8.99	-13.8.99	-9.8.99	-11.8.99	-14.8.99	-14.8.99	-14.8.99	-30.8.99	-12.8.99
2400	44	-12.9719	-26.9992	-12.9799	-13.5439	-7.4954	-1.2677	-1.6647	-2.0399	-2.3561	-2.5891	-2.6231	-2.6236	-2.5361	-2.5891	-2.6231	-2.6236	-2.6231	-2.5891	-2.5361	-2.4775	-2.3.99	-2.2.99	-2.1.99	-2.0.99	-1.9.99	-1.8.99	-1.7.99	-1.6.99	-1.5.99	-1.4.99	-1.3.99	-1.2.99	-1.1.99	-1.0.99	-0.9.99	-0.8.99	-12.9719
2400	46	-11.8972	-26.3202	-12.8964	-13.6292	-7.6168	-1.2967	-1.7168	-2.0991	-2.4469	-2.6715	-2.7627	-2.7171	-2.4225	-2.69	-2.2535	-2.0928	-2.0928	-2.2535	-2.4225	-2.6715	-2.7627	-2.7171	-2.4469	-2.0991	-1.7168	-1.2967	-0.7616	-1.3.99	-1.7.99	-2.1.99	-2.4.99	-2.6.99	-2.7.99	-2.7.99	-2.6.99	-2.4.99	-11.8972
2400	48	-11.4128	-14.9874	-12.9972	-13.8855	-7.8326	-1.3885	-1.7859	-2.1.99	-2.4.99	-2.6.99	-2.7.99	-2.7.99	-2.6.99	-2.4.99	-2.1.99	-1.8.99	-1.6.99	-1.5.99	-1.6.99	-1.8.99	-2.1.99	-2.4.99	-2.6.99	-2.7.99	-2.7.99	-2.6.99	-2.4.99	-2.1.99	-1.8.99	-1.6.99	-1.5.99	-1.6.99	-1.8.99	-2.1.99	-2.4.99	-2.6.99	-11.4128
2400	50	-11.7306	-14.2918	-12.7247	-14.1118	-7.7114	-1.3429	-1.7242	-2.0.99	-2.3.99	-2.5.99	-2.6.99	-2.6.99	-2.5.99	-2.3.99	-2.0.99	-1.7.99	-1.5.99	-1.4.99	-1.5.99	-1.7.99	-2.0.99	-2.3.99	-2.5.99	-2.6.99	-2.6.99	-2.5.99	-2.3.99	-2.0.99	-1.7.99	-1.5.99	-1.4.99	-1.5.99	-1.7.99	-2.0.99	-2.3.99	-2.5.99	-11.7306
2400	52	-12.1.99	-13.9.99	-12.5.99	-14.4.99	-7.5.99	-1.3.99	-1.6.99	-1.9.99	-2.2.99	-2.4.99	-2.5.99	-2.5.99	-2.4.99	-2.2.99	-1.9.99	-1.6.99	-1.4.99	-1.3.99	-1.4.99	-1.6.99	-1.9.99	-2.2.99	-2.4.99	-2.5.99	-2.5.99	-2.4.99	-2.2.99	-1.9.99	-1.6.99	-1.4.99	-1.3.99	-1.4.99	-1.6.99	-1.9.99	-2.2.99	-2.4.99	-12.1.99
2400	54	-12.7.99	-13.7.99	-12.3.99	-14.7.99	-7.3.99	-1.2.99	-1.5.99	-1.8.99	-2.1.99	-2.3.99	-2.4.99	-2.4.99	-2.3.99	-2.1.99	-1.8.99	-1.5.99	-1.3.99	-1.2.99	-1.3.99	-1.5.99	-1.8.99	-2.1.99	-2.3.99	-2.4.99	-2.4.99	-2.3.99	-2.1.99	-1.8.99	-1.5.99	-1.3.99	-1.2.99	-1.3.99	-1.5.99	-1.8.99	-2.1.99	-2.3.99	-12.7.99
2400	56	-13.3.99	-13.3.99	-12.1.99	-15.1.99	-7.1.99	-1.1.99	-1.4.99	-1.7.99	-1.9.99	-2.1.99	-2.2.99	-2.2.99	-2.1.99	-1.9.99	-1.7.99	-1.4.99	-1.2.99	-1.1.99	-1.2.99	-1.4.99	-1.7.99	-1.9.99	-2.1.99	-2.2.99	-2.2.99	-2.1.99	-1.9.99	-1.7.99	-1.4.99	-1.2.99	-1.1.99	-1.2.99	-1.4.99	-1.7.99	-1.9.99	-2.1.99	-13.3.99
2400	58	-13.8.99	-13.8.99	-11.9.99	-15.9.99	-6.9.99	-1.0.99	-1.3.99	-1.5.99	-1.7.99	-1.8.99	-1.9.99	-1.9.99	-1.8.99	-1.7.99	-1.5.99	-1.3.99	-1.1.99	-1.0.99	-1.1.99	-1.3.99	-1.5.99	-1.7.99	-1.8.99	-1.9.99	-1.9.99	-1.8.99	-1.7.99	-1.5.99	-1.3.99	-1.1.99	-1.0.99	-1.1.99	-1.3.99	-1.5.99	-1.7.99	-1.8.99	-13.8.99
2400	60	-14.3.99	-14.3.99	-11.7.99	-16.7.99	-6.7.99	-0.9.99	-1.2.99	-1.4.99	-1.5.99	-1.6.99	-1.7.99	-1.7.99	-1.6.99	-1.5.99	-1.4.99	-1.2.99	-1.0.99	-0.9.99	-1.0.99	-1.2.99	-1.4.99	-1.5.99	-1.6.99	-1.7.99	-1.7.99	-1.6.99	-1.5.99	-1.4.99	-1.2.99	-1.0.99	-0.9.99	-1.0.99	-1.2.99	-1.4.99	-1.5.99	-1.6.99	-14.3.99
2400	62	-14.8.99	-14.8.99	-11.5.99	-17.5.99	-6.5.99	-0.8.99	-1.1.99	-1.3.99	-1.4.99	-1.5.99	-1.5.99	-1.5.99	-1.5.99	-1.4.99	-1.3.99	-1.1.99	-0.9.99	-0.8.99	-0.9.99	-1.1.99	-1.3.99	-1.4.99	-1.5.99	-1.5.99	-1.5.99	-1.5.99	-1.4.99	-1.3.99	-1.1.99	-0.9.99	-0.8.99	-0.9.99	-1.1.99	-1.3.99	-1.4.99	-1.5.99	-14.8.99
2400	64	-15.3.99	-15.3.99	-11.3.99	-18.3.99	-6.3.99	-0.7.99	-1.0.99	-1.2.99	-1.3.99	-1.4.99	-1.4.99	-1.4.99	-1.4.99	-1.3.99	-1.2.99	-1.0.99	-0.8.99	-0.7.99	-0.8.99	-1.0.99	-1.2.99	-1.3.99	-1.4.99	-1.4.99	-1.4.99	-1.4.99	-1.3.99	-1.2.99	-1.0.99	-0.8.99	-0.7.99	-0.8.99	-1.0.99	-1.2.99	-1.3.99	-1.4.99	-15.3.99
2400	66	-15.7.99	-15.7.99	-11.1.99	-19.1.99	-6.1.99	-0.6.99	-0.9.99	-1.1.99	-1.2.99	-1.3.99	-1.3.99	-1.3.99	-1.3.99	-1.2.99	-1.1.99	-0.9.99	-0.7.99	-0.6.99	-0.7.99	-0.9.99	-1.1.99	-1.2.99	-1.3.99	-1.3.99	-1.3.99	-1.3.99	-1.2.99	-1.1.99	-0.9.99	-0.7.99	-0.6.99	-0.7.99	-0.9.99	-1.1.99	-1.2.99	-1.3.99	-15.7.99
2400	68	-16.2.99	-16.2.99	-10.9.99	-19.9.99	-5.9.99	-0.5.99	-0.8.99	-1.0.99	-1.1.99	-1.2.99	-1.2.99	-1.2.99	-1.2.99	-1.1.99	-1.0.99	-0.8.99	-0.6.99	-0.5.99	-0.6.99	-0.8.99	-1.0.99	-1.1.99	-1.2.99	-1.2.99	-1.2.99	-1.2.99	-1.1.99	-1.0.99	-0.8.99	-0.6.99	-0.5.99	-0.6.99	-0.8.99	-1.0.99	-1.1.99	-1.2.99	-16.2.99
2400	70	-16.7.99	-16.7.99	-10.7.99	-20.7.99	-5.7.99	-0.4.99	-0.7.99	-0.9.99	-1.0.99	-1.1.99	-1.1.99	-1.1.99	-1.1.99	-1.0.99	-0.9.99	-0.7.99	-0.5.99	-0.4.99	-0.5.99	-0.7.99	-0.9.99	-1.0.99	-1.1.99	-1.1.99	-1.1.99	-1.1.99	-1.0.99	-0.9.99	-0.7.99	-0.5.99	-0.4.99	-0.5.99	-0.7.99	-0.9.99	-1.0.99	-1.1.99	-16.7.99
2400	72	-17.2.99	-17.2.99	-10.5.99	-21.5.99	-5.5.99	-0.3.99	-0.6.99	-0.8.99	-0.9.99	-1.0.99	-1.0.99	-1.0.99	-1.0.99	-0.9.99	-0.8.99	-0.6.99	-0.4.99	-0.3.99	-0.4.99	-0.6.99	-0.8.99	-0.9.99	-1.0.99	-1.0.99	-1.0.99	-1.0.99	-0.9.99	-0.8.99	-0.6.99	-0.4.99	-0.3.99	-0.4.99	-0.6.99	-0.8.99	-0.9.99	-1.0.99	-17.2.99
2400	74	-17.7.99	-17.7.99	-10.3.99	-22.3.99	-5.3.99	-0.2.99	-0.5.99	-0.7.99	-0.8.99	-0.9.99	-0.9.99	-0.9.99	-0.9.99	-0.8.99	-0.7.99	-0.5.99	-0.3.99	-0.2.99	-0.3.99	-0.5.99	-0.7.99	-0.8.99	-0.9.99	-0.9.99	-0.9.99	-0.9.99	-0.8.99	-0.7.99	-0.5.99	-0.3.99	-0.2.99	-0.3.99	-0.5.99	-0.7.99	-0.8.99	-0.9.99	-17.7.99
2400	76	-18.2.99	-18.2.99	-10.1.99	-23.1.99	-5.1.99	-0.1.99	-0.4.99	-0.6.99	-0.7.99	-0.8.99	-0.8.99	-0.8.99	-0.8.99	-0.7.99	-0.6.99	-0.4.99	-0.2.99	-0.1.99	-0.2.99	-0.4.99	-0.6.99	-0.7.99	-0.8.99	-0.8.99	-0.8.99	-0.8.99	-0.7.99	-0.6.99	-0.4.99	-0.2.99	-0.1.99	-0.2.99	-0.4.99	-0.6.99	-0.7.99	-0.8.99	-18.2.99
2400	78	-18.7.99	-18.7.99	-9.9.99	-24.9.99	-4.9.99	-0.0.99	-0.3.99	-0.5.99	-0.6.99	-0.7.99	-0.7.99	-0.7.99	-0.7.99	-0.6.99	-0.5.99	-0.3.99	-0.1.99	-0.0.99	-0.1.99	-0.3.99	-0.5.99	-0.6.99	-0.7.99	-0.7.99	-0.7.99	-0.7.99	-0.6.99	-0.5.99	-0.3.99	-0.1.99	-0.0.99	-0.1.99	-0.3.99	-0.5.99	-0.6.99	-0.7.99	-18.7.99
2400	80	-19.2.99	-19.2.99	-9.7.99	-26.7.99	-4.7.99	-0.0.99	-0.2.99	-0.4.99	-0.5.99	-0.6.99	-0.6.99	-0.6.99	-0.6.99	-0.5.99	-0.4.99	-0.2.99	-0.0.99	-0.0.99	-0.0.99	-0.2.99	-0.4.99	-0.5.99	-0.6.99	-0.6.99	-0.6.99	-0.6.99	-0.5.99	-0.4.99	-0.2.99	-0.0.99	-0.0.99	-0.0.99	-0.2.99	-0.4.99	-0.5.99	-0.6.99	-19.2.99
2400	82	-19.7.99	-19.7.99	-9.5.99	-28.5.99	-4.5.99	-0.0.99	-0.1.99	-0.3.99	-0.4.99	-0.5.99	-0.5.99	-0.5.99	-0.5.99	-0.4.99	-0.3.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.3.99	-0.4.99	-0.5.99	-0.5.99	-0.5.99	-0.5.99	-0.4.99	-0.3.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.3.99	-0.4.99	-0.5.99	-19.7.99
2400	84	-20.2.99	-20.2.99	-9.3.99	-30.3.99	-4.3.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.4.99	-0.4.99	-0.4.99	-0.4.99	-0.3.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.4.99	-0.4.99	-0.4.99	-0.4.99	-0.3.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.4.99	-20.2.99
2400	86	-20.7.99	-20.7.99	-9.1.99	-32.1.99	-4.1.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.3.99	-20.7.99
2400	88	-21.2.99	-21.2.99	-8.9.99	-34.9.99	-3.9.99	-0.0.99	-0.1.99	-0.2.99	-0.2.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.3.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.3.99	-0.3.99	-21.2.99
2400	90	-21.7.99	-21.7.99	-8.7.99	-37.7.99	-3.7.99	-0.0.99	-0.1.99	-0.1.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.2.99	-0.2.99	-21.7.99
2400	92	-22.2.99	-22.2.99	-8.5.99	-41.5.99	-3.5.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.2.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.2.99	-0.2.99	-0.2.99	-22.2.99
2400	94	-22.7.99	-22.7.99	-8.3.99	-46.3.99	-3.3.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-22.7.99
2400	96	-23.2.99	-23.2.99	-8.1.99	-51.1.99	-3.1.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-23.2.99
2400	98	-23.7.99	-23.7.99	-7.9.99	-57.9.99	-2.9.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-23.7.99
2400	100	-24.2.99	-24.2.99	-7.7.99	-67.7.99	-2.7.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-24.2.99
2400	102	-24.7.99	-24.7.99	-7.5.99	-77.5.99	-2.5.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-24.7.99
2400	104	-25.2.99	-25.2.99	-7.3.99	-87.3.99	-2.3.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0.0.99	-0.0.99	-0.0.99	-0.1.99	-0.1.99	-0.1.99	-0.1.99	-0

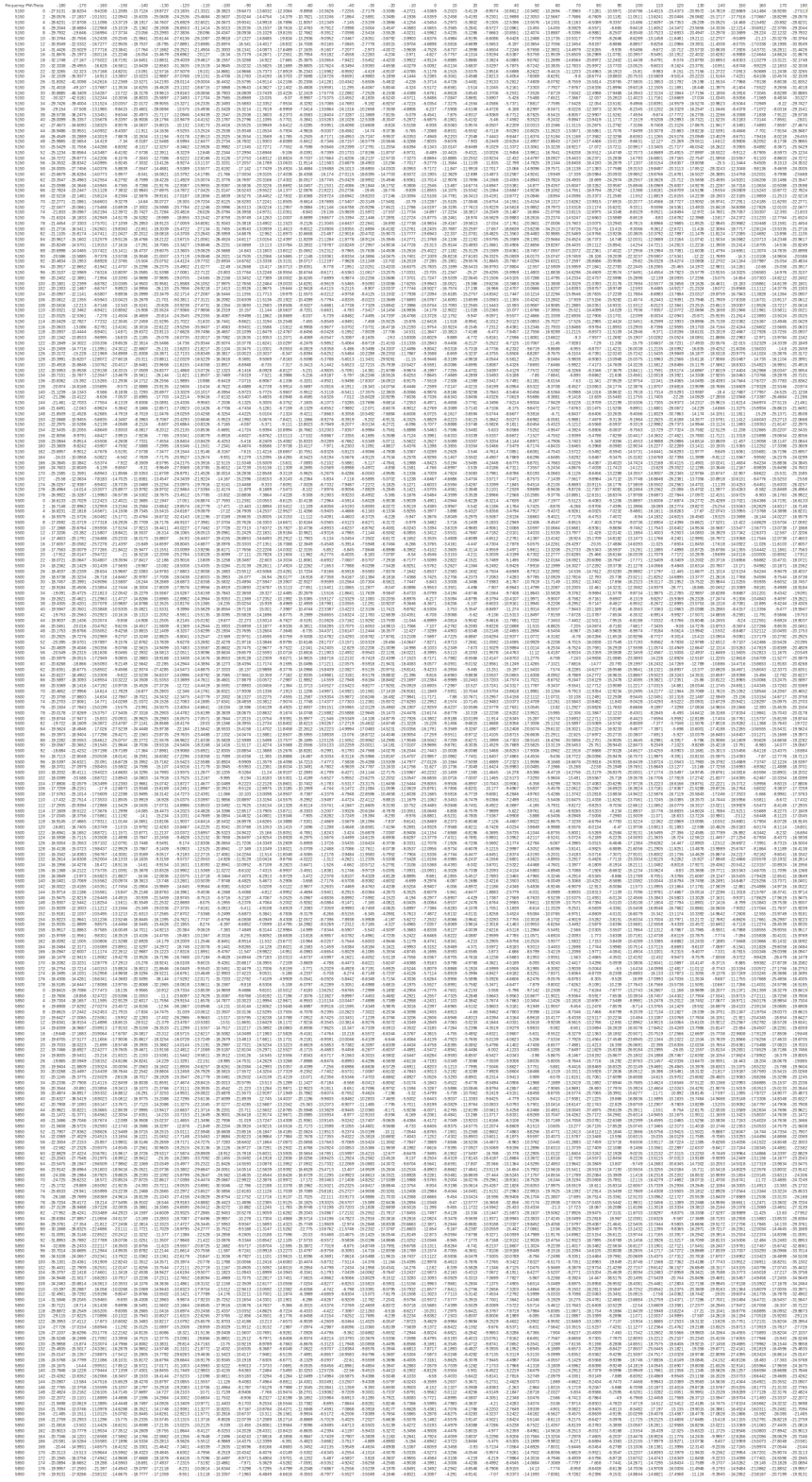
Ant. Position：5G Ant.6_GAIN PHI

Frequency	PhiThetaig	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	0	-25.646	-21.842	-18.602	-16.017	-14.205	-13.481	-13.758	-15.024	-17.268	-19.908	-19.511	-15.996	-10.968	-5.511	-0.596	-0.293	-0.092	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	2	-25.836	-21.878	-18.624	-16.068	-14.237	-13.501	-13.770	-15.037	-17.309	-19.958	-19.577	-16.064	-11.037	-5.578	-0.607	-0.298	-0.093	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	4	-26.668	-21.968	-18.647	-16.119	-14.270	-13.521	-13.783	-15.051	-17.350	-20.008	-19.644	-16.133	-11.107	-5.646	-0.618	-0.303	-0.094	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	6	-26.488	-22.069	-18.664	-16.172	-14.305	-13.561	-13.796	-15.065	-17.391	-20.057	-19.711	-16.196	-11.176	-5.714	-0.629	-0.308	-0.095	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	8	-26.309	-22.159	-18.681	-16.225	-14.340	-13.601	-13.809	-15.079	-17.432	-20.107	-19.777	-16.259	-11.245	-5.781	-0.640	-0.313	-0.096	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	10	-26.129	-22.249	-18.698	-16.277	-14.375	-13.641	-13.822	-15.093	-17.474	-20.157	-19.843	-16.322	-11.314	-5.848	-0.651	-0.318	-0.097	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	12	-25.949	-22.339	-18.715	-16.329	-14.410	-13.681	-13.836	-15.107	-17.516	-20.207	-19.909	-16.386	-11.383	-5.916	-0.663	-0.324	-0.098	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	14	-25.769	-22.429	-18.732	-16.381	-14.445	-13.721	-13.850	-15.121	-17.558	-20.257	-19.975	-16.449	-11.452	-5.984	-0.675	-0.329	-0.099	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	16	-25.589	-22.519	-18.749	-16.433	-14.480	-13.761	-13.864	-15.135	-17.601	-20.307	-20.041	-16.513	-11.521	-6.052	-0.688	-0.335	-0.100	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	18	-25.409	-22.609	-18.766	-16.485	-14.515	-13.801	-13.878	-15.149	-17.644	-20.357	-20.107	-16.577	-11.590	-6.120	-0.701	-0.341	-0.101	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	20	-25.229	-22.699	-18.783	-16.537	-14.550	-13.841	-13.892	-15.163	-17.687	-20.407	-20.173	-16.641	-11.659	-6.188	-0.714	-0.347	-0.102	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	22	-25.049	-22.789	-18.800	-16.589	-14.585	-13.881	-13.906	-15.177	-17.730	-20.457	-20.239	-16.705	-11.728	-6.256	-0.727	-0.353	-0.103	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	24	-24.869	-22.879	-18.817	-16.641	-14.620	-13.921	-13.920	-15.191	-17.773	-20.507	-20.305	-16.769	-11.797	-6.324	-0.740	-0.359	-0.104	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	26	-24.689	-22.969	-18.834	-16.693	-14.655	-13.961	-13.934	-15.205	-17.816	-20.557	-20.371	-16.833	-11.866	-6.392	-0.753	-0.365	-0.105	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	28	-24.509	-23.059	-18.852	-16.745	-14.691	-13.981	-13.948	-15.219	-17.859	-20.607	-20.437	-16.897	-11.935	-6.460	-0.767	-0.371	-0.106	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	30	-24.329	-23.149	-18.871	-16.797	-14.727	-14.001	-13.962	-15.233	-17.902	-20.657	-20.503	-16.961	-12.004	-6.528	-0.781	-0.378	-0.107	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	32	-24.149	-23.239	-18.890	-16.849	-14.763	-14.021	-13.976	-15.247	-17.946	-20.707	-20.569	-17.025	-12.073	-6.596	-0.795	-0.384	-0.108	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	34	-23.969	-23.329	-18.909	-16.901	-14.799	-14.041	-13.990	-15.261	-17.989	-20.757	-20.635	-17.089	-12.142	-6.664	-0.809	-0.391	-0.109	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	36	-23.789	-23.419	-18.927	-16.953	-14.835	-14.061	-14.004	-15.275	-18.032	-20.807	-20.701	-17.153	-12.211	-6.732	-0.824	-0.398	-0.110	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	38	-23.609	-23.509	-18.946	-17.005	-14.871	-14.081	-14.018	-15.289	-18.076	-20.857	-20.767	-17.217	-12.279	-6.800	-0.839	-0.405	-0.111	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	40	-23.429	-23.599	-18.964	-17.057	-14.907	-14.101	-14.032	-15.303	-18.120	-20.907	-20.833	-17.281	-12.347	-6.868	-0.854	-0.412	-0.112	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	42	-23.249	-23.689	-18.982	-17.109	-14.943	-14.121	-14.046	-15.317	-18.164	-20.957	-20.899	-17.345	-12.415	-6.936	-0.869	-0.419	-0.113	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	44	-23.069	-23.779	-19.000	-17.161	-14.979	-14.141	-14.060	-15.331	-18.208	-21.007	-20.965	-17.409	-12.483	-7.004	-0.884	-0.426	-0.114	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	46	-22.889	-23.869	-19.018	-17.213	-15.015	-14.161	-14.074	-15.345	-18.252	-21.057	-21.031	-17.473	-12.551	-7.072	-0.899	-0.433	-0.115	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	48	-22.709	-23.959	-19.036	-17.265	-15.051	-14.181	-14.088	-15.359	-18.296	-21.107	-21.097	-17.537	-12.619	-7.140	-0.914	-0.441	-0.116	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	50	-22.529	-24.049	-19.055	-17.317	-15.087	-14.201	-14.102	-15.373	-18.340	-21.157	-21.163	-17.601	-12.687	-7.208	-0.929	-0.449	-0.117	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	52	-22.349	-24.139	-19.074	-17.369	-15.123	-14.221	-14.116	-15.387	-18.384	-21.207	-21.229	-17.665	-12.755	-7.276	-0.944	-0.457	-0.118	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	54	-22.169	-24.229	-19.093	-17.421	-15.159	-14.241	-14.130	-15.401	-18.428	-21.257	-21.295	-17.729	-12.823	-7.344	-0.959	-0.465	-0.119	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	56	-21.989	-24.319	-19.112	-17.473	-15.195	-14.261	-14.144	-15.415	-18.472	-21.307	-21.361	-17.793	-12.891	-7.412	-0.974	-0.473	-0.120	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	58	-21.809	-24.409	-19.131	-17.525	-15.231	-14.281	-14.158	-15.429	-18.516	-21.357	-21.427	-17.857	-12.959	-7.480	-0.989	-0.481	-0.121	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	60	-21.629	-24.499	-19.150	-17.577	-15.267	-14.301	-14.172	-15.443	-18.560	-21.407	-21.493	-17.921	-13.027	-7.548	-1.004	-0.489	-0.122	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	62	-21.449	-24.589	-19.169	-17.629	-15.303	-14.321	-14.186	-15.457	-18.604	-21.457	-21.559	-17.985	-13.095	-7.616	-1.019	-0.497	-0.123	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	64	-21.341	-24.679	-19.188	-17.681	-15.339	-14.341	-14.200	-15.471	-18.648	-21.507	-21.625	-18.049	-13.163	-7.684	-1.034	-0.505	-0.124	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	66	-21.233	-24.769	-19.207	-17.733	-15.375	-14.361	-14.214	-15.485	-18.692	-21.557	-21.691	-18.113	-13.231	-7.752	-1.049	-0.513	-0.125	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	68	-21.125	-24.859	-19.227	-17.785	-15.411	-14.381	-14.228	-15.499	-18.736	-21.607	-21.757	-18.177	-13.299	-7.820	-1.064	-0.521	-0.126	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	70	-21.017	-24.949	-19.246	-17.837	-15.447	-14.401	-14.242	-15.513	-18.780	-21.657	-21.823	-18.241	-13.367	-7.888	-1.079	-0.529	-0.127	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	72	-20.909	-25.039	-19.266	-17.889	-15.483	-14.421	-14.256	-15.527	-18.824	-21.707	-21.889	-18.305	-13.435	-7.956	-1.094	-0.537	-0.128	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	74	-20.801	-25.129	-19.285	-17.941	-15.519	-14.441	-14.270	-15.541	-18.868	-21.757	-21.955	-18.369	-13.503	-8.024	-1.109	-0.545	-0.129	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	76	-20.693	-25.219	-19.305	-17.993	-15.555	-14.461	-14.284	-15.555	-18.912	-21.807	-22.021	-18.433	-13.571	-8.092	-1.124	-0.553	-0.130	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	78	-20.585	-25.309	-19.324	-18.045	-15.591	-14.481	-14.298	-15.569	-18.956	-21.857	-22.087	-18.497	-13.639	-8.160	-1.139	-0.561	-0.131	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	80	-20.477	-25.399	-19.344	-18.097	-15.627	-14.501	-14.312	-15.583	-19.000	-21.907	-22.153	-18.561	-13.707	-8.228	-1.154	-0.569	-0.132	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	82	-20.369	-25.489	-19.363	-18.149	-15.663	-14.521	-14.326	-15.597	-19.044	-21.957	-22.219	-18.625	-13.775	-8.296	-1.169	-0.577	-0.133	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	84	-20.261	-25.579	-19.383	-18.201	-15.699	-14.541	-14.340	-15.611	-19.088	-22.007	-22.285	-18.689	-13.843	-8.364	-1.184	-0.585	-0.134	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	86	-20.153	-25.669	-19.402	-18.253	-15.735	-14.561	-14.354	-15.625	-19.132	-22.057	-22.351	-18.753	-13.911	-8.432	-1.199	-0.593	-0.135	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	88	-20.045	-25.759	-19.422	-18.305	-15.771	-14.581	-14.368	-15.639	-19.176	-22.107	-22.417	-18.817	-13.979	-8.500	-1.214	-0.601	-0.136	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	90	-19.937	-25.849	-19.441	-18.357	-15.807	-14.601	-14.382	-15.653	-19.220	-22.157	-22.483	-18.881	-14.047	-8.568	-1.229	-0.609	-0.137	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	92	-19.829	-25.939	-19.461	-18.409	-15.843	-14.621	-14.396	-15.667	-19.264	-22.207	-22.549	-18.945	-14.115	-8.636	-1.244	-0.617	-0.138	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	94	-19.721	-26.029	-19.480	-18.461	-15.879	-14.641	-14.410	-15.681	-19.308	-22.257	-22.615	-19.009	-14.183	-8.704	-1.259	-0.625	-0.139	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	96	-19.613	-26.119	-19.500	-18.513	-15.915	-14.661	-14.424	-15.695	-19.352	-22.307	-22.681	-19.073	-14.251	-8.772	-1.274	-0.633	-0.140	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	98	-19.505	-26.209	-19.519	-18.565	-15.951	-14.681	-14.438	-15.709	-19.396	-22.357	-22.747	-19.137	-14.319	-8.840	-1.289	-0.641	-0.141	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	100	-19.397	-26.299	-19.538	-18.617	-15.987	-14.701	-14.452	-15.723	-19.440	-22.407	-22.813	-19.201	-14.387	-8.908	-1.304	-0.649	-0.142	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	102	-19.289	-26.389	-19.557	-18.669	-16.023	-14.721	-14.466	-15.737	-19.484	-22.457	-22.879	-19.265	-14.455	-8.976	-1.319	-0.657	-0.143	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	104	-19.181	-26.479	-19.576	-18.721	-16.059	-14.741	-14.480	-15.751	-19.528	-22.507	-22.945	-19.329	-14.523	-9.044	-1.334	-0.665	-0.144	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	106	-19.073	-26.569	-19.594	-18.773	-16.095	-14.761	-14.494	-15.765	-19.572	-22.557	-23.011	-19.393	-14.591	-9.112	-1.349	-0.673	-0.145	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	108	-18.965	-26.659	-19.613	-18.825	-16.131	-14.781	-14.508	-15.779	-19.616	-22.607	-23.077	-19.457	-14.659	-9.180	-1.364	-0.681	-0.146	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	110	-18.857	-26.749	-19.632	-18.877	-16.167	-14.801	-14.522	-15.793	-19.660	-22.657	-23.143	-19.521	-14.727	-9.248	-1.379	-0.689	-0.147	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	112	-18.749	-26.839	-19.652	-18.929	-16.203	-14.821	-14.536	-15.807	-19.704	-22.707	-23.209	-19.585	-14.795	-9.316	-1.394	-0.697	-0.148	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	114	-18.641	-26.929	-19.671	-18.981	-16.239	-14.841	-14.550	-15.821	-19.748	-22.757	-23.275	-19.649	-14.863	-9.384	-1.409	-0.705	-0.149	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	116	-18.533	-27.019	-19.690	-19.033	-16.275	-14.861	-14.564	-15.835	-19.792	-22.807	-23.341	-19.713	-14.931	-9.452	-1.424	-0.713	-0.150	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	118	-18.425	-27.109	-19.710	-19.085	-16.311	-14.881	-14.578	-15.849	-19.836	-22.857	-23.407	-19.777	-14.999	-9.520	-1.439	-0.721	-0.151	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	120	-18.317	-27.199	-19.729	-19.137	-16.347	-14.901	-14.592	-15.863	-19.880	-22.907	-23.473	-19.841	-15.067	-9.588	-1.454	-0.729	-0.152	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	122	-18.209	-27.289	-19.748	-19.189	-16.383	-14.921	-14.606	-15.877	-19.924	-22.957	-23.539	-19.905	-15.135	-9.656	-1.469	-0.737	-0.153	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	124	-18.101	-27.379	-19.767	-19.241	-16.419	-14.941	-14.620	-15.891	-19.968	-23.007	-23.605	-19.969	-15.203	-9.724	-1.484	-0.745	-0.154	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	126	-17.993	-27.469	-19.786	-19.293	-16.455	-14.961	-14.634	-15.905	-20.012	-23.057	-23.671	-20.033	-15.271	-9.792	-1.499	-0.753	-0.155	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	128	-17.885	-27.559	-19.805	-19.345	-16.491	-14.981	-14.648	-15.919	-20.056	-23.107	-23.737	-20.097	-15.339	-9.860	-1.514	-0.761	-0.156	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	130	-17.777	-27.649	-19.824	-19.397	-16.527	-15.001	-14.662	-15.933	-20.100	-23.157	-23.803	-20.161	-15.407	-9.928	-1.529	-0.769	-0.157	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	132	-17.669	-27.739	-19.843	-19.449	-16.563	-15.021	-14.676	-15.947	-20.144	-23.207	-23.869	-20.225	-15.475	-9.996	-1.544	-0.777	-0.158	-0.029	-0.008	-0.003	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
5150	134	-17.561	-27.829	-19.862	-19.501	-16.599	-15.041	-14.690	-15.961	-20.188	-23.257

Ant. Position：5G Ant.6_GAIN THETA

Frequency	Phi	Theta	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	0	21.3543	-12.2217	-10.8897	-12.8449	-12.2423	-13.2357	-12.4803	-9.8928	-9.6481	-8.6499	-7.9318	-8.4761	-7.3561	-7.1743	-5.5376	-7.0878	-9.9113	-10.9909	-10.4717	-12.9966	-10.9205	-12.9563	-12.9957	-11.9966	-9.6163	-8.8383	-7.1482	-12.0368	-9.6164	-8.4929	-7.9791	-7.32	-9.8669	-9.3966	-10.6892	-21.9883	-21.3643
5150	1	21.3623	-12.8852	-10.5921	-13.7524	-12.9928	-13.2907	-12.8123	-9.8917	-10.0238	-8.8098	-7.8213	-8.4606	-7.4071	-5.295	-5.7283	-8.9379	-9.9139	-10.9909	-10.2337	-12.9966	-10.4983	-12.9563	-8.8383	-7.1482	-12.0368	-9.6164	-8.4929	-7.9791	-7.32	-9.8669	-9.3966	-10.6892	-20.0114	-21.3623
5150	2	21.3778	-13.5552	-10.9842	-14.6545	-13.7586	-13.3583	-13.1483	-9.9106	-10.3988	-8.9128	-7.7108	-8.3451	-7.4752	-5.4994	-5.9852	-8.8252	-9.9139	-10.9909	-9.9133	-12.9966	-10.0523	-12.0563	-8.9225	-7.4423	-12.0368	-9.6164	-8.4929	-7.9791	-7.32	-9.8669	-9.3966	-10.6892	-18.7798	-21.3778
5150	3	21.4039	-13.1872	-10.5328	-15.1599	-13.4291	-13.5487	-14.0802	-9.9985	-10.9394	-8.7038	-8.7148	-7.5208	-7.4308	-5.8352	-6.2926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	4	21.4396	-12.4192	-10.1266	-15.4192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	5	21.4809	-10.9807	-9.9109	-15.3951	-12.8537	-13.7411	-15.4908	-9.9926	-11.9257	-8.4429	-9.7908	-7.5954	-8.7908	-7.5882	-6.9153	-10.9395	-10.9236	-10.3978	-7.9583	-7.8482	-7.0953	-12.2144	-14.9761	-7.2139	-7.3963	-5.9362	-7.9387	-12.9317	-13.3971	-10.2971	-10.9975	-10.9971	-10.7262	-21.4697
5150	6	21.5134	-10.5343	-9.0306	-15.0409	-12.5316	-13.4667	-15.8708	-9.611	-9.9924	-8.2782	-7.5954	-7.6788	-8.5883	-8.0109	-7.2298	-6.8474	-8.4237	-8.2126	-8.5775	-9.2278	-8.6837	-7.4423	-8.9225	-10.9985	-8.6209	-8.4686	-14.7258	-15.8716	-7.9547	-4.8907	-7.8911	-11.9326	-13.4531	-18.9263	-17.3595	-15.9254	-21.9154
5150	7	21.5487	-10.0773	-7.9907	-14.5408	-10.1857	-13.3558	-17.1173	-9.3134	-8.3219	-8.7707	-8.2258	-8.6892	-7.2648	-9.0787	-7.9484	-6.4237	-8.2126	-8.5775	-9.2278	-9.6837	-7.4423	-8.9225	-10.9985	-8.6209	-8.4686	-14.7258	-15.8716	-7.9547	-4.8907	-7.8911	-11.9326	-13.4531	-18.9263	-17.3595	-15.9254	-21.9154	-21.9487
5150	8	21.6296	-9.9752	-7.2296	-13.8276	-8.7999	-13.3582	-18.9669	-9.3516	-7.9959	-9.3971	-9.548	-9.8340	-7.8982	-4.0871	-7.9359	-8.3896	-7.9715	-9.8969	-4.8026	-7.6271	-11.3073	-9.5403	-7.479	-9.6534	-12.9955	-3.8435	-15.8966	-7.7048	-4.3665	-12.3418	-18.4166	-18.8654	-11.3517	-16.9865	-15.6848	-14.782	-21.8298
5150	9	21.7143	-9.9752	-7.2296	-13.8276	-8.7999	-13.3582	-18.9669	-9.3516	-7.9959	-9.3971	-9.548	-9.8340	-7.8982	-4.0871	-7.9359	-8.3896	-7.9715	-9.8969	-4.8026	-7.6271	-11.3073	-9.5403	-7.479	-9.6534	-12.9955	-3.8435	-15.8966	-7.7048	-4.3665	-12.3418	-18.4166	-18.8654	-11.3517	-16.9865	-15.6848	-14.782	-21.8298
5150	10	21.7741	-9.5344	-6.6992	-12.1863	-8.9739	-14.1256	-18.7979	-9.3977	-7.2391	-9.9231	-9.8867	-9.7227	-7.5129	-3.351	-8.6955	-8.2543	-7.8195	-9.5443	-7.9158	-9.6426	-8.0383	-7.1939	-10.2523	-14.6409	-12.1447	-8.9227	-8.0303	-3.8461	-3.5713	-7.9748	-7.7527	-17.9598	-19.5527	-17.9598	-19.7896	-19.9227	-21.7741
5150	11	21.8578	-9.4842	-6.4777	-12.0251	-8.64	-15.1547	-9.6811	-9.6836	-9.9408	-9.7099	-9.4294	-9.5427	-7.8962	-3.9798	-8.729	-7.2867	-7.8619	-9.1823	-9.0517	-9.9331	-7.3898	-9.9654	-4.8815	-8.64	-12.9955	-3.8435	-15.8966	-7.7048	-4.3665	-12.3418	-18.4166	-18.8654	-11.3517	-16.9865	-15.6848	-14.782	-21.8298
5150	12	21.9491	-9.4842	-6.4777	-12.1751	-8.3455	-13.5999	-9.9158	-9.4159	-7.6219	-9.9254	-9.7512	-9.2398	-8.2229	-4.2264	-8.8989	-6.9118	-7.9475	-9.5426	-7.2248	-9.6982	-8.0148	-7.0409	-10.7188	-9.7985	-5.8188	-12.2248	-12.9877	-11.3461	-7.9368	-4.0333	-7.2966	-8.1807	-12.6227	-17.9503	-17.5328	-16.9	-21.3965
5150	13	22.048	-9.4252	-6.3968	-9.8989	-8.0993	-13.2339	-9.4767	-9.8143	-7.0992	-9.1895	-9.0809	-7.2339	-9.1421	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	14	22.1396	-9.4252	-6.3968	-9.8989	-8.0993	-13.2339	-9.4767	-9.8143	-7.0992	-9.1895	-9.0809	-7.2339	-9.1421	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	15	22.2234	-9.4252	-6.3968	-9.8989	-8.0993	-13.2339	-9.4767	-9.8143	-7.0992	-9.1895	-9.0809	-7.2339	-9.1421	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	16	22.2948	-9.4252	-6.3968	-9.8989	-8.0993	-13.2339	-9.4767	-9.8143	-7.0992	-9.1895	-9.0809	-7.2339	-9.1421	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	17	22.3662	-9.6726	-6.7673	-8.6571	-8.8542	-13.3412	-9.8357	-9.6236	-7.2568	-9.2168	-9.1148	-7.2168	-9.1444	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	18	22.4376	-9.9111	-7.7065	-9.0748	-9.7909	-12.8558	-10.0511	-7.3811	-7.6441	-9.2251	-9.2092	-7.9715	-12.7956	-9.7965	-9.2895	-10.5859	-9.6844	-3.9574	-8.7024	-9.7278	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	19	22.5192	-9.9111	-7.7065	-9.0748	-9.7909	-12.8558	-10.0511	-7.3811	-7.6441	-9.2251	-9.2092	-7.9715	-12.7956	-9.7965	-9.2895	-10.5859	-9.6844	-3.9574	-8.7024	-9.7278	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	20	22.6007	-10.0518	-7.3156	-9.0641	-8.0912	-12.2903	-10.1693	-8.2253	-7.3508	-7.1094	-7.5897	-7.4411	-8.1152	-9.3969	-12.0983	-9.2894	-9.2371	-2.3315	-1.0079	-3.9928	-7.9924	-8.9034	-7.7984	-12.193	-10.9127	-12.4457	-8.9365	-3.9139	-8.7966	-5.9977	-8.203	-15.7358	-12.7732	-7.7969	-10.5373	-10.8238	-22.6007
5150	21	22.6822	-10.3928	-7.6195	-9.0641	-8.0912	-12.2903	-10.1693	-8.2253	-7.3508	-7.1094	-7.5897	-7.4411	-8.1152	-9.3969	-12.0983	-9.2894	-9.2371	-2.3315	-1.0079	-3.9928	-7.9924	-8.9034	-7.7984	-12.193	-10.9127	-12.4457	-8.9365	-3.9139	-8.7966	-5.9977	-8.203	-15.7358	-12.7732	-7.7969	-10.5373	-10.8238	-22.6007
5150	22	22.7654	-10.9209	-8.0296	-12.2117	-9.2928	-10.6512	-11.7843	-8.7243	-7.2268	-6.6538	-6.9513	-7.4409	-7.2326	-8.7178	-9.9113	-9.2894	-9.2371	-2.3315	-1.0079	-3.9928	-7.9924	-8.9034	-7.7984	-12.193	-10.9127	-12.4457	-8.9365	-3.9139	-8.7966	-5.9977	-8.203	-15.7358	-12.7732	-7.7969	-10.5373	-10.8238	-22.6007
5150	23	22.8486	-10.9209	-8.0296	-12.2117	-9.2928	-10.6512	-11.7843	-8.7243	-7.2268	-6.6538	-6.9513	-7.4409	-7.2326	-8.7178	-9.9113	-9.2894	-9.2371	-2.3315	-1.0079	-3.9928	-7.9924	-8.9034	-7.7984	-12.193	-10.9127	-12.4457	-8.9365	-3.9139	-8.7966	-5.9977	-8.203	-15.7358	-12.7732	-7.7969	-10.5373	-10.8238	-22.6007
5150	24	22.9318	-10.9209	-8.0296	-12.2117	-9.2928	-10.6512	-11.7843	-8.7243	-7.2268	-6.6538	-6.9513	-7.4409	-7.2326	-8.7178	-9.9113	-9.2894	-9.2371	-2.3315	-1.0079	-3.9928	-7.9924	-8.9034	-7.7984	-12.193	-10.9127	-12.4457	-8.9365	-3.9139	-8.7966	-5.9977	-8.203	-15.7358	-12.7732	-7.7969	-10.5373	-10.8238	-22.6007
5150	25	22.9984	-10.9209	-8.0296	-12.2117	-9.2928	-10.6512	-11.7843	-8.7243	-7.2268	-6.6538	-6.9513	-7.4409	-7.2326	-8.7178	-9.9113	-9.2894	-9.2371	-2.3315	-1.0079	-3.9928	-7.9924	-8.9034	-7.7984	-12.193	-10.9127	-12.4457	-8.9365	-3.9139	-8.7966	-5.9977	-8.203	-15.7358	-12.7732	-7.7969	-10.5373	-10.8238	-22.6007
5150	26	23.0650	-9.5109	-6.6992	-12.1863	-8.9739	-14.1256	-18.7979	-9.3977	-7.2391	-9.9231	-9.8867	-9.7227	-7.5129	-3.351	-8.6955	-8.2543	-7.8195	-9.5443	-7.9158	-9.6426	-8.0383	-7.1939	-10.2523	-14.6409	-12.1447	-8.9227	-8.0303	-3.8461	-3.5713	-7.9748	-7.7527	-17.9598	-19.5527	-17.9598	-19.7896	-19.9227	-21.7741
5150	27	23.1316	-9.4842	-6.4777	-12.0251	-8.64	-15.1547	-9.6811	-9.6836	-9.9408	-9.7099	-9.4294	-9.5427	-7.8962	-3.9798	-8.729	-7.2867	-7.8619	-9.1823	-9.0517	-9.9331	-7.3898	-9.9654	-4.8815	-8.64	-12.9955	-3.8435	-15.8966	-7.7048	-4.3665	-12.3418	-18.4166	-18.8654	-11.3517	-16.9865	-15.6848	-14.782	-21.8298
5150	28	23.1982	-9.4252	-6.3968	-9.8989	-8.0993	-13.2339	-9.4767	-9.8143	-7.0992	-9.1895	-9.0809	-7.2339	-9.1421	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	29	23.2648	-9.4252	-6.3968	-9.8989	-8.0993	-13.2339	-9.4767	-9.8143	-7.0992	-9.1895	-9.0809	-7.2339	-9.1421	-9.8979	-9.1929	-8.2139	-9.7435	-3.9556	-2.4921	-4.7293	-11.5344	-9.8179	-7.9329	-9.1929	-9.7443	-13.9922	-8.7968	-4.8315	-7.5953	-13.9411	-14.5189	-18.4146	-19.7211	-11.6335	-10.9973	-16.439	-22.048
5150	30	23.3314	-9.5344	-6.6992	-12.1863	-8.9739	-14.1256	-18.7979	-9.3977	-7.2391	-9.9231	-9.8867	-9.7227	-7.5129	-3.351	-8.6955	-8.2543	-7.8195	-9.5443	-7.9158	-9.6426	-8.0383	-7.1939	-10.2523	-14.6409	-12.1447	-8.9227	-8.0303	-3.8461	-3.5713	-7.9748	-7.7527	-17.9598	-19.5527	-17.9598	-19.7896	-19.9227	-21.7741
5150	31	23.3980	-9.9752	-7.2296	-13.8276	-8.7999	-13.3582	-18.9669	-9.3516	-7.9959	-9.3971	-9.548	-9.8340	-7.8982	-4.0871	-7.9359	-8.3896	-7.9715	-9.8969	-4.8026	-7.6271	-11.3073	-9.5403	-7.479	-9.6534	-12.9955	-3.8435	-15.8966	-7.7048	-4.3665	-12.3418	-18.4166	-18.8654	-11.3517	-16.9865	-15.6848	-14.782	-21.8298
5150	32	23.4646	-10.9807	-9.9109	-15.3951	-12.8537	-13.7411	-15.4908	-9.9926	-11.9257	-8.4429	-9.7908	-7.5954	-8.7908	-7.5882	-6.9153	-10.9395	-10.9236	-10.3978	-7.9583	-7.8482	-7.0953	-12.2144	-14.9761	-7.2139	-7.3963	-5.9362	-7.9387	-12.9317	-13.3971	-10.2971	-10.9975	-10.9971	-10.7262	-21.4697
5150	33	23.5312	-10.5343	-9.0306	-15.0409	-12.5316	-13.4667	-15.8708	-9.611	-9.9924	-8.2782	-7.5954	-7.6788	-8.5883	-8.0109	-7.2298	-6.8474	-8.4237	-8.2126	-8.5775	-9.2278	-8.6837	-7.4423	-8.9225	-10.9985	-8.6209	-8.4686	-14.7258	-15.8716	-7.9547	-4.8907	-7.8911	-11.9326	-13.4531	-18.9263	-17.3595	-15.9254	-21.9154
5150	34	23.5978	-11.0773	-7.9907	-14.5408	-10.1857	-13.3558	-17.1173	-9.3134	-8.3219	-8.7707	-8.2258	-8.6892	-7.2648	-9.0787	-7.9484	-6.4237	-8.2126	-8.5775	-9.2278	-9.6837	-7.4423	-8.9225	-10.9985	-8.6209	-8.4686	-14.7258	-15.8716	-7.9547	-4.8907	-7.8911	-11.9326	-13.4531	-18.9263	-17.3595	-15.9254	-21.9154	-21.9487
5150	35	23.6641	-11.9752	-8.7296	-13.8276	-8.7999	-13.3582	-18.9669	-9.3516	-7.9959	-9.3971	-9.548	-9.8340	-7.8982	-4.0871	-7.9359	-8.3896	-7.9715	-9.8969	-4.8026	-7.6271	-11.3073	-9.5403	-7.479	-9.6534	-12.9955	-3.8435	-15.8966	-7.7048	-4.3665	-12.3418	-18.4166	-18.8654	-11.3517	-16.9865	-15.6848	-14.782	-21.8298
5150	36	23.7305	-12.8852	-10.5921	-13.7524	-12.9928	-13.2907	-12.8123	-9.8917	-10.0238	-8.8098	-7.8213	-8.4606	-7.4071	-5.295	-5.7283	-8.9379	-9.9139	-10.9909	-10.2337	-12.9966	-10.4983	-12.9563	-8.8383	-7.1482	-12.0368	-9.6164	-8.4929	-7.9791	-7.32	-9.8669	-9.3966	-10.6892	-20.0114	-21.3623
5150	37	23.7969	-13.5552	-10.9842	-14.6545	-13.7586	-13.3583	-13.1483	-9.9106	-10.3988	-8.9128	-7.7108	-8.3451	-7.4752	-5.4994	-5.9852	-8.8252	-9.9139	-10.9909	-9.9133	-12.9966	-10.0523	-12.0563	-8.9225	-7.4423	-12.0368	-9.6164	-8.4929	-7.9791	-7.32	-9.8669	-9.3966	-10.6892	-18.7798	-21.3778
5150	38	23.8633	-14.2192	-11.4192	-15.4192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	39	23.9297	-14.8192	-11.9192	-15.1599	-13.4291	-13.5487	-14.0802	-9.9985	-10.9394	-8.7038	-8.7148	-7.5208	-7.4308	-5.8352	-6.2926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	40	23.9961	-15.4192	-12.4192	-14.8192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	41	24.0625	-16.0192	-12.9192	-14.4192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	42	24.1289	-16.5192	-13.4192	-14.1192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	43	24.1953	-17.1192	-13.9192	-13.7192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	44	24.2616	-17.7192	-14.3192	-13.3192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	45	24.3280	-18.2192	-14.7192	-12.9192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	46	24.3944	-18.8192	-15.2192	-12.5192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	47	24.4608	-19.4192	-15.7192	-12.1192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	48	24.5272	-20.0192	-16.2192	-11.7192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	49	24.5936	-20.6192	-16.7192	-11.3192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	50	24.6600	-21.2192	-17.2192	-10.9192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	51	24.7264	-21.7192	-17.7192	-10.5192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	52	24.7928	-22.3192	-18.2192	-10.1192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	53	24.8592	-22.9192	-18.7192	-9.7192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	54	24.9256	-23.5192	-19.2192	-9.3192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	55	24.9920	-24.1192	-19.7192	-8.9192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	56	25.0584	-24.7192	-20.2192	-8.5192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	57	25.1248	-25.3192	-20.7192	-8.1192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036	-10.9716	-12.5119	-10.5782	-17.6809	-21.4009
5150	58	25.1912	-25.9192	-21.2192	-7.7192	-13.1266	-13.7148	-14.8192	-9.9804	-11.4519	-8.5978	-9.5148	-7.5208	-8.3308	-6.3352	-6.6926	-8.7285	-9.0106	-8.8654	-7.7024	-12.5344	-10.9738	-11.9965	-8.5852	-8.6986	-8.8925	-14.1754	-11.782	-8.9477	-2.4609	-3.2119	-8.1428	-8.7036

Ant. Position：5G Ant.7_GAIN PHI



Ant. Position：5G Ant.7_GAIN THETA

Frequency	PhiCheng	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	0	-21.286	-20.604	-19.208	-11.426	-16.292	-12.725	-12.379	-10.977	-11.705	-9.508	-9.742	-9.341	-11.475	-13.292	-17.002	-12.997	-13.934	-27.809	-17.287	-19.349	-19.981	-19.081	-19.861	-19.867	-17.507	-12.768	-8.319	-8.092	-9.936	-9.267	-9.997	-8.605	-7.664	-12.408	-9.999	-10.993	-21.286
5150	1	-21.1834	-20.1474	-19.9991	-10.988	-16.9485	-11.8225	-15.2907	-11.5354	-8.8264	-8.2721	-7.3875	-8.9776	-9.0976	-13.6475	-13.8413	-12.9462	-12.6898	-13.6401	-27.985	-18.8287	-19.1895	-19.9891	-19.0861	-19.6764	-18.8183	-9.9999	-9.3988	-7.1193	-3.7117	-7.3579	-8.8259	-13.4116	-10.3955	-11.7938	-12.5439	-17.9918	-21.1834
5150	2	-21.0957	-20.8915	-19.8964	-10.8841	-16.5401	-10.648	-11.0669	-12.7811	-7.9966	-7.6204	-8.9990	-8.2111	-10.9413	-12.8912	-12.5991	-12.4969	-13.6401	-27.985	-18.8287	-19.1895	-19.9891	-19.0861	-19.6764	-18.8183	-9.9999	-9.3988	-7.1193	-3.7117	-7.3579	-8.8259	-13.4116	-10.3955	-11.7938	-12.5439	-17.9918	-21.0957	
5150	3	-21.0337	-19.3915	-20.6812	-10.9488	-16.1111	-9.5181	-8.4229	-9.3562	-8.3278	-8.2821	-8.858	-9.9321	-8.9141	-10.9329	-14.2442	-12.7928	-12.2838	-13.0142	-26.409	-19.5211	-19.8772	-21.3984	-19.6124	-9.6987	-3.9114	-1.414	-1.073	-0.0333	-0.7951	-4.7964	-5.2112	-12.8239	-10.9118	-11.482	-11.638	-18.1913	-21.0337
5150	4	-20.9976	-20.0095	-19.9991	-10.9488	-16.1111	-9.5181	-8.4229	-9.3562	-8.3278	-8.2821	-8.858	-9.9321	-8.9141	-10.9329	-14.2442	-12.7928	-12.2838	-13.0142	-26.409	-19.5211	-19.8772	-21.3984	-19.6124	-9.6987	-3.9114	-1.414	-1.073	-0.0333	-0.7951	-4.7964	-5.2112	-12.8239	-10.9118	-11.482	-11.638	-18.1913	-21.0337
5150	5	-20.8861	-20.371	-19.837	-10.9644	-16.3878	-9.4788	-8.4889	-9.2829	-8.2099	-8.2797	-8.9964	-9.6182	-8.8294	-10.9837	-12.6669	-12.1195	-13.0118	-13.3027	-14.0314	-20.1524	-19.8287	-19.6569	-19.9816	-10.7156	-4.499	-0.4471	-0.4821	-0.1237	-0.9300	-3.4016	-3.1961	-7.1118	-10.4976	-10.9821	-11.2118	-16.0127	-20.8861
5150	6	-20.7811	-19.7854	-19.8867	-13.9862	-12.3863	-7.8018	-4.8212	-2.7561	-1.7961	-1.9728	-1.3809	-2.867	-6.7076	-12.7249	-15.7685	-12.97	-12.2936	-12.5206	-16.7766	-13.0961	-12.4633	-9.2672	-4.1873	-2.6485	-2.2649	-2.2334	-2.1422	-1.4898	-1.3858	-4.9234	-4.8083	-9.3189	-9.7277	-12.1957	-11.235	-14.2398	-20.7811
5150	7	-20.7011	-19.4911	-19.9991	-13.9862	-12.3863	-7.8018	-4.8212	-2.7561	-1.7961	-1.9728	-1.3809	-2.867	-6.7076	-12.7249	-15.7685	-12.97	-12.2936	-12.5206	-16.7766	-13.0961	-12.4633	-9.2672	-4.1873	-2.6485	-2.2649	-2.2334	-2.1422	-1.4898	-1.3858	-4.9234	-4.8083	-9.3189	-9.7277	-12.1957	-11.235	-14.2398	-20.7011
5150	8	-20.7021	-19.2668	-19.6861	-10.9988	-15.1928	-5.1252	-2.3179	-0.8922	-0.2077	-0.3514	-0.4436	-0.9777	-2.7786	-6.4294	-10.8984	-12.9042	-12.7987	-14.979	-12.196	-9.9973	-5.8727	-2.352	-2	-2.2134	-2.1363	-2.9401	-1.7937	-0.7287	-2.3264	-4.6806	-4.8147	-8.6123	-9.3014	-12.4019	-12.7352	-11.6349	-20.7021
5150	9	-20.7329	-19.4868	-19.1245	-10.6271	-10.5876	-0.1485	-0.5281	-1.7	-0.9	-0.2029	-0.7875	-2.3	-3.9	-5.2	-7.1	-7.3	-7.5	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-20.7329
5150	10	-20.7629	-19.2295	-19.2529	-19.2107	-10.1878	-8.6117	-7.5179	-5.9178	-2.6963	-0.8993	-0.2003	-0.5409	-2.4299	-5.9009	-10.2265	-13.5409	-14.2299	-13.9008	-13.3418	-11.3563	-9.9843	-9.614	-10.8186	-13.3938	-13.9008	-12.2963	-7.2522	-2.7189	-2.7811	-3.2649	-3.8812	-8.9232	-9.3819	-9.7179	-12.5219	-19.7629	
5150	11	-20.7629	-19.2295	-19.2529	-19.2107	-10.1878	-8.6117	-7.5179	-5.9178	-2.6963	-0.8993	-0.2003	-0.5409	-2.4299	-5.9009	-10.2265	-13.5409	-14.2299	-13.9008	-13.3418	-11.3563	-9.9843	-9.614	-10.8186	-13.3938	-13.9008	-12.2963	-7.2522	-2.7189	-2.7811	-3.2649	-3.8812	-8.9232	-9.3819	-9.7179	-12.5219	-19.7629	
5150	12	-20.8303	-17.9876	-19.0413	-13.9437	-10.0811	-8.1721	-5.4615	-2.9899	-2.2629	-2.0996	-2.2787	-3.9364	-7.6182	-13.8294	-15.9837	-12.6669	-12.1195	-13.0118	-13.3027	-14.0314	-20.1524	-19.8287	-19.6569	-19.9816	-10.7156	-4.499	-0.4471	-0.4821	-0.1237	-0.9300	-3.4016	-3.1961	-7.1118	-10.4976	-10.9821	-11.2118	-16.0127	-20.8303
5150	13	-20.8861	-19.837	-19.9644	-10.9644	-16.3878	-9.4788	-8.4889	-9.2829	-8.2099	-8.2797	-8.9964	-9.6182	-8.8294	-10.9837	-12.6669	-12.1195	-13.0118	-13.3027	-14.0314	-20.1524	-19.8287	-19.6569	-19.9816	-10.7156	-4.499	-0.4471	-0.4821	-0.1237	-0.9300	-3.4016	-3.1961	-7.1118	-10.4976	-10.9821	-11.2118	-16.0127	-20.8861
5150	14	-21.0957	-17.2296	-19.2529	-10.8878	-12.7888	-7.9735	-5.1889	-2.7991	-1.8479	-1.4477	-1.707	-3.748	-7.9314	-13.9897	-12.7991	-12.9396	-12.5206	-16.7766	-13.0961	-12.4633	-9.2672	-4.1873	-2.6485	-2.2649	-2.2334	-2.1422	-1.4898	-1.3858	-4.9234	-4.8083	-9.3189	-9.7277	-12.1957	-11.235	-14.2398	-20.7011	
5150	15	-21.1834	-20.1474	-19.9991	-10.988	-16.9485	-11.8225	-15.2907	-11.5354	-8.8264	-8.2721	-7.3875	-8.9776	-9.0976	-13.6475	-13.8413	-12.9462	-12.6898	-13.6401	-27.985	-18.8287	-19.1895	-19.9891	-19.0861	-19.6764	-18.8183	-9.9999	-9.3988	-7.1193	-3.7117	-7.3579	-8.8259	-13.4116	-10.3955	-11.7938	-12.5439	-17.9918	-21.1834
5150	16	-21.286	-20.604	-19.208	-11.426	-16.292	-12.725	-12.379	-10.977	-11.705	-9.508	-9.742	-9.341	-11.475	-13.292	-17.002	-12.997	-13.934	-27.809	-17.287	-19.349	-19.981	-19.081	-19.861	-19.867	-17.507	-12.768	-8.319	-8.092	-9.936	-9.267	-9.997	-8.605	-7.664	-12.408	-9.999	-10.993	-21.286

Ant. Position：5G Ant.8_GAIN PHI

Frequency/ PhiThetaig	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	-9.7214	-8.2619	-2.2961	-6.2428	-28.9028	-17.6464	-4.6299	-6.2202	-4.948	-4.0738	-7.7964	-19.0993	-4.796	-3.8804	-3.3288	-2.4	-3.1998	-2.329	3.2283	1.2272	-1.8086	-0.9647	-1.1957	-3.1984	-3.25	-3.2798	-2.3747	-3.9384	-9.9229	-9.6265	-8.0512	-7.8874	-5.5685	-7.9362	-11.2439	-9.9154	-8.2151
5160	-9.6609	-8.3731	-2.335	-6.0282	-22.7295	-18.5249	-4.2004	-6.2511	-4.0247	-2.7424	-7.2329	-12.2463	-3.9687	-3.6366	-3.3254	-2.1853	-1.8993	3.2383	1.2272	-1.8086	-0.9647	-1.1957	-3.1984	-3.25	-3.2798	-2.3747	-3.9384	-9.9229	-9.6265	-8.0512	-8.2787	-11.4998	-9.7862	-11.2439	-9.9154	-8.2151	-6.9077
5170	-9.5952	-8.5007	-3.6489	-5.9391	-19.4897	-15.7561	-3.9421	-6.4751	-3.2487	-2.0492	-6.8999	-9.2861	-3.5989	-3.3589	-3.2306	-2.0505	3.2331	1.2169	-1.8199	-0.9806	-1.1958	-3.1954	-3.4829	-3.9955	-2.8088	-3.9973	-9.7038	-9.0152	-7.8874	-5.5685	-7.9362	-11.4428	-9.4477	-11.3183	-9.6265	-7.9878	-6.9012
5180	-9.5425	-8.7961	-3.8436	-5.9471	-18.5066	-13.311	-3.9827	-3.8596	-2.8049	-6.0329	-8.0147	-8.8966	-2.8818	-3.1017	-2.8658	-3.3121	2.1597	3.1768	1.1999	-1.8131	-1.3095	-1.8863	-3.2861	-3.961	-4.8996	-5.4181	-6.5773	-9.638	-8.6214	-7.5305	-8.135	-11.8715	-8.3664	-13.7387	-7.7239	-8.4095	-9.5423
5190	-9.4899	-9.0127	-4.3149	-5.9551	-17.8149	-12.9149	-4.0149	-3.4149	-3.0149	-5.0149	-7.0149	-7.0149	-3.0149	-3.0149	-3.0149	-3.0149	2.0149	3.0149	1.0149	-1.8149	-1.3149	-1.8149	-3.2149	-3.9149	-4.9149	-5.4149	-6.5149	-9.6149	-8.6149	-7.5149	-8.1149	-11.8149	-8.3149	-13.7149	-7.7149	-8.4149	-9.5149
5200	-9.4374	-9.4957	-3.9654	-6.2213	-17.0242	-16.3996	-3.9196	-3.2926	-3.2926	-4.0236	-6.0236	-6.0236	-3.0236	-3.0236	-3.0236	-3.0236	2.0236	3.0236	1.0236	-1.8236	-1.3236	-1.8236	-3.2236	-3.9236	-4.9236	-5.4236	-6.5236	-9.6236	-8.6236	-7.5236	-8.1236	-11.8236	-8.3236	-13.7236	-7.7236	-8.4236	-9.5236
5210	-9.3848	-9.9787	-3.3659	-6.5274	-16.2329	-19.4329	-3.8329	-3.2329	-3.2329	-3.2329	-5.2329	-5.2329	-3.2329	-3.2329	-3.2329	-3.2329	2.2329	3.2329	1.2329	-1.8329	-1.3329	-1.8329	-3.2329	-3.9329	-4.9329	-5.4329	-6.5329	-9.6329	-8.6329	-7.5329	-8.1329	-11.8329	-8.3329	-13.7329	-7.7329	-8.4329	-9.5329
5220	-9.3322	-10.5617	-2.7422	-7.0422	-15.4539	-20.6539	-3.7539	-3.1539	-3.1539	-3.1539	-3.1539	-4.1539	-3.1539	-3.1539	-3.1539	-3.1539	2.1539	3.1539	1.1539	-1.8422	-1.3422	-1.8422	-3.2422	-3.9422	-4.9422	-5.4422	-6.5422	-9.6422	-8.6422	-7.5422	-8.1422	-11.8422	-8.3422	-13.7422	-7.7422	-8.4422	-9.5422
5230	-9.2795	-11.1348	-2.1148	-7.6148	-14.7148	-21.9148	-3.6148	-3.0148	-3.0148	-3.0148	-3.0148	-3.0148	-3.0148	-3.0148	-3.0148	-3.0148	2.0148	3.0148	1.0148	-1.8515	-1.3515	-1.8515	-3.2515	-3.9515	-4.9515	-5.4515	-6.5515	-9.6515	-8.6515	-7.5515	-8.1515	-11.8515	-8.3515	-13.7515	-7.7515	-8.4515	-9.5515
5240	-9.2268	-11.7679	-1.4875	-8.2875	-14.0875	-23.3875	-3.5875	-2.9875	-2.9875	-2.9875	-2.9875	-3.9875	-2.9875	-2.9875	-2.9875	-2.9875	1.9875	2.9875	0.9875	-1.8608	-1.3608	-1.8608	-3.2608	-3.9608	-4.9608	-5.4608	-6.5608	-9.6608	-8.6608	-7.5608	-8.1608	-11.8608	-8.3608	-13.7608	-7.7608	-8.4608	-9.5608
5250	-9.1741	-12.4009	-0.8601	-8.9601	-13.4601	-24.7601	-3.5601	-2.9601	-2.9601	-2.9601	-2.9601	-2.9601	-2.9601	-2.9601	-2.9601	-2.9601	1.9601	2.9601	0.9601	-1.8701	-1.3701	-1.8701	-3.2701	-3.9701	-4.9701	-5.4701	-6.5701	-9.6701	-8.6701	-7.5701	-8.1701	-11.8701	-8.3701	-13.7701	-7.7701	-8.4701	-9.5701
5260	-9.1214	-12.9339	-0.5327	-9.5327	-13.0327	-25.9327	-3.5327	-2.9327	-2.9327	-2.9327	-2.9327	-2.9327	-2.9327	-2.9327	-2.9327	-2.9327	1.9327	2.9327	0.9327	-1.8794	-1.3794	-1.8794	-3.2794	-3.9794	-4.9794	-5.4794	-6.5794	-9.6794	-8.6794	-7.5794	-8.1794	-11.8794	-8.3794	-13.7794	-7.7794	-8.4794	-9.5794
5270	-9.0687	-13.4669	-0.2054	-9.9054	-12.5054	-26.9054	-3.5054	-2.9054	-2.9054	-2.9054	-2.9054	-2.9054	-2.9054	-2.9054	-2.9054	-2.9054	1.9054	2.9054	0.9054	-1.8887	-1.3887	-1.8887	-3.2887	-3.9887	-4.9887	-5.4887	-6.5887	-9.6887	-8.6887	-7.5887	-8.1887	-11.8887	-8.3887	-13.7887	-7.7887	-8.4887	-9.5887
5280	-9.0161	-13.9999	-0.0781	-10.3781	-12.0781	-27.8781	-3.4781	-2.8781	-2.8781	-2.8781	-2.8781	-2.8781	-2.8781	-2.8781	-2.8781	-2.8781	1.8781	2.8781	0.8781	-1.8981	-1.3981	-1.8981	-3.2981	-3.9981	-4.9981	-5.4981	-6.5981	-9.6981	-8.6981	-7.5981	-8.1981	-11.8981	-8.3981	-13.7981	-7.7981	-8.4981	-9.5981
5290	-8.9634	-14.5329	0.1466	-10.8466	-11.6466	-28.7466	-3.4466	-2.8466	-2.8466	-2.8466	-2.8466	-2.8466	-2.8466	-2.8466	-2.8466	-2.8466	1.8466	2.8466	0.8466	-1.9075	-1.4075	-1.9075	-3.3075	-4.0075	-5.0075	-5.5075	-6.6075	-9.7075	-8.7075	-7.6075	-8.2075	-11.9075	-8.4075	-13.8075	-7.8075	-8.5075	-9.6075
5300	-8.9107	-15.0659	0.3912	-11.3912	-11.3912	-29.5912	-3.3912	-2.7912	-2.7912	-2.7912	-2.7912	-2.7912	-2.7912	-2.7912	-2.7912	-2.7912	1.7912	2.7912	0.7912	-1.9168	-1.4168	-1.9168	-3.3168	-4.0168	-5.0168	-5.5168	-6.6168	-9.7168	-8.7168	-7.6168	-8.2168	-11.9168	-8.4168	-13.8168	-7.8168	-8.5168	-9.6168
5310	-8.8580	-15.5989	0.6358	-11.9358	-11.9358	-30.3358	-3.3358	-2.7358	-2.7358	-2.7358	-2.7358	-2.7358	-2.7358	-2.7358	-2.7358	-2.7358	1.7358	2.7358	0.7358	-1.9262	-1.4262	-1.9262	-3.3262	-4.0262	-5.0262	-5.5262	-6.6262	-9.7262	-8.7262	-7.6262	-8.2262	-11.9262	-8.4262	-13.8262	-7.8262	-8.5262	-9.6262
5320	-8.8053	-16.1319	0.8804	-12.4804	-12.4804	-31.1804	-3.2804	-2.6804	-2.6804	-2.6804	-2.6804	-2.6804	-2.6804	-2.6804	-2.6804	-2.6804	1.6804	2.6804	0.6804	-1.9356	-1.4356	-1.9356	-3.3356	-4.0356	-5.0356	-5.5356	-6.6356	-9.7356	-8.7356	-7.6356	-8.2356	-11.9356	-8.4356	-13.8356	-7.8356	-8.5356	-9.6356
5330	-8.7526	-16.6649	1.1250	-13.0250	-13.0250	-31.9250	-3.2250	-2.6250	-2.6250	-2.6250	-2.6250	-2.6250	-2.6250	-2.6250	-2.6250	-2.6250	1.6250	2.6250	0.6250	-1.9450	-1.4450	-1.9450	-3.3450	-4.0450	-5.0450	-5.5450	-6.6450	-9.7450	-8.7450	-7.6450	-8.2450	-11.9450	-8.4450	-13.8450	-7.8450	-8.5450	-9.6450
5340	-8.6999	-17.1979	1.3696	-13.5696	-13.5696	-32.7696	-3.1696	-2.5696	-2.5696	-2.5696	-2.5696	-2.5696	-2.5696	-2.5696	-2.5696	-2.5696	1.5696	2.5696	0.5696	-1.9543	-1.4543	-1.9543	-3.3543	-4.0543	-5.0543	-5.5543	-6.6543	-9.7543	-8.7543	-7.6543	-8.2543	-11.9543	-8.4543	-13.8543	-7.8543	-8.5543	-9.6543
5350	-8.6472	-17.7309	1.6142	-14.1142	-14.1142	-33.6142	-3.1142	-2.5142	-2.5142	-2.5142	-2.5142	-2.5142	-2.5142	-2.5142	-2.5142	-2.5142	1.5142	2.5142	0.5142	-1.9637	-1.4637	-1.9637	-3.3637	-4.0637	-5.0637	-5.5637	-6.6637	-9.7637	-8.7637	-7.6637	-8.2637	-11.9637	-8.4637	-13.8637	-7.8637	-8.5637	-9.6637
5360	-8.5945	-18.2639	1.8588	-14.6588	-14.6588	-34.4588	-3.0588	-2.4588	-2.4588	-2.4588	-2.4588	-2.4588	-2.4588	-2.4588	-2.4588	-2.4588	1.4588	2.4588	0.4588	-1.9731	-1.4731	-1.9731	-3.3731	-4.0731	-5.0731	-5.5731	-6.6731	-9.7731	-8.7731	-7.6731	-8.2731	-11.9731	-8.4731	-13.8731	-7.8731	-8.5731	-9.6731
5370	-8.5418	-18.8000	2.1038	-15.2038	-15.2038	-35.3038	-2.9038	-2.3038	-2.3038	-2.3038	-2.3038	-2.3038	-2.3038	-2.3038	-2.3038	-2.3038	1.3038	2.3038	0.3038	-1.9825	-1.4825	-1.9825	-3.3825	-4.0825	-5.0825	-5.5825	-6.6825	-9.7825	-8.7825	-7.6825	-8.2825	-11.9825	-8.4825	-13.8825	-7.8825	-8.5825	-9.6825
5380	-8.4891	-19.3329	2.3488	-15.7488	-15.7488	-36.1488	-2.7488	-2.1488	-2.1488	-2.1488	-2.1488	-2.1488	-2.1488	-2.1488	-2.1488	-2.1488	1.1488	2.1488	0.1488	-1.9919	-1.4919	-1.9919	-3.3919	-4.0919	-5.0919	-5.5919	-6.6919	-9.7919	-8.7919	-7.6919	-8.2919	-11.9919	-8.4919	-13.8919	-7.8919	-8.5919	-9.6919
5390	-8.4364	-19.8658	2.5938	-16.2938	-16.2938	-36.9938	-2.5938	-1.9938	-1.9938	-1.9938	-1.9938	-1.9938	-1.9938	-1.9938	-1.9938	-1.9938	0.9938	1.9938	0.9938	-2.0013	-1.5013	-2.0013	-3.4013	-4.1013	-5.1013	-5.6013	-6.7013	-9.8013	-8.8013	-7.7013	-8.3013	-12.0013	-8.5013	-13.9013	-7.9013	-8.6013	-9.7013
5400	-8.3837	-20.3988	2.8388	-16.8388	-16.8388	-37.8388	-2.3388	-1.7388	-1.7388	-1.7388	-1.7388	-1.7388	-1.7388	-1.7388	-1.7388	-1.7388	0.7388	1.7388	0.7388	-2.0106	-1.5106	-2.0106	-3.4106	-4.1106	-5.1106	-5.6106	-6.7106	-9.8106	-8.8106	-7.7106	-8.3106	-12.0106	-8.5106	-13.9106	-7.9106	-8.6106	-9.7106
5410	-8.3310	-20.9318	3.0838	-17.3838	-17.3838	-38.7838	-2.0838	-1.4838	-1.4838	-1.4838	-1.4838	-1.4838	-1.4838	-1.4838	-1.4838	-1.4838	0.4838	1.4838	0.4838	-2.0200	-1.5200	-2.0200	-3.4200	-4.1200	-5.1200	-5.6200	-6.7200	-9.8200	-8.8200	-7.7200	-8.3200	-12.0200	-8.5200	-13.9200	-7.9200	-8.6200	-9.7200
5420	-8.2783	-21.4648	3.3288	-17.9288	-17.9288	-39.6288	-1.7288	-1.1288	-1.1288	-1.1288	-1.1288	-1.1288	-1.1288	-1.1288	-1.1288	-1.1288	0.1288	1.1288	0.1288	-2.0294	-1.5294	-2.0294	-3.4294	-4.1294	-5.1294	-5.6294	-6.7294	-9.8294	-8.8294	-7.7294	-8.3294	-12.0294	-8.5294	-13.9294	-7.9294	-8.6294	-9.7294
5430	-8.2256	-21.9978	3.5738	-18.4738	-18.4738	-40.4738	-1.4738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	0.8738	0.8738	-2.0388	-1.5388	-2.0388	-3.4388	-4.1388	-5.1388	-5.6388	-6.7388	-9.8388	-8.8388	-7.7388	-8.3388	-12.0388	-8.5388	-13.9388	-7.9388	-8.6388	-9.7388
5440	-8.1729	-22.5308	3.8188	-19.0188	-19.0188	-41.3188	-1.1188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	0.5188	0.5188	-2.0482	-1.5482	-2.0482	-3.4482	-4.1482	-5.1482	-5.6482	-6.7482	-9.8482	-8.8482	-7.7482	-8.3482	-12.0482	-8.5482	-13.9482	-7.9482	-8.6482	-9.7482
5450	-8.1202	-23.0638	4.0638	-19.5638	-19.5638	-42.2638	-0.8638	-0.2638	-0.2638	-0.2638	-0.2638	-0.2638	-0.2638	-0.2638	-0.2638	-0.2638	-0.2638	0.2638	0.2638	-2.0576	-1.5576	-2.0576	-3.4576	-4.1576	-5.1576	-5.6576	-6.7576	-9.8576	-8.8576	-7.7576	-8.3576	-12.0576	-8.5576	-13.9576	-7.9576	-8.6576	-9.7576
5460	-8.0675	-23.5968	4.3088	-20.0968	-20.0968	-43.1968	-0.5968	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	-2.0669	-1.5669	-2.0669	-3.4669	-4.1669	-5.1669	-5.6669	-6.7669	-9.8669	-8.8669	-7.7669	-8.3669	-12.0669	-8.5669	-13.9669	-7.9669	-8.6669	-9.7669
5470	-8.0148	-24.1298	4.5538	-20.6538	-20.6538	-44.0538	-0.3538	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	0.2462	-2.0763	-1.5763	-2.0763	-3.4763	-4.1763	-5.1763	-5.6763	-6.7763	-9.8763	-8.8763	-7.7763	-8.3763	-12.0763	-8.5763	-13.9763	-7.9763	-8.6763	-9.7763
5480	-7.9621	-24.6628	4.8000	-21.2000	-21.2000	-44.9000	-0.0000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	-2.0857	-1.5857	-2.0857	-3.4857	-4.1857	-5.1857	-5.6857	-6.7857	-9.8857	-8.8857	-7.7857	-8.3857	-12.0857	-8.5857	-13.9857	-7.9857	-8.6857	-9.7857
5490	-7.9094	-25.1958	5.0462	-21.7462	-21.7462	-45.7462	0.3462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	0.8462	-2.0951	-1.5951	-2.0951	-3.4951	-4.1951	-5.1951	-5.6951	-6.7951	-9.8951	-8.8951	-7.7951	-8.3951	-12.0951	-8.5951	-13.9951	-7.9951	-8.6951	-9.7951
5500	-7.8567	-25.7288	5.2924	-22.3924	-22.3924	-46.5924	0.7924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	1.2924	-2.1046	-1.6046	-2.1046	-3.5046	-4.2046	-5.2046	-5.7046	-6.8046	-9.9046	-8.9046	-7.8046	-8.4046	-12.1046	-8.6046	-14.0046	-8.0046	-8.7046	-9.8046
5510	-7.8040	-26.2618	5.5386	-23.0386	-23.0386	-47.3386	1.1386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	1.6386	-2.1142	-1.6142	-2.1142	-3.5142	-4.2142	-5.2142	-5.7142	-6.8142	-9.9142	-8.9142	-7.8142	-8.4142	-12.1142	-8.6142	-14.0142	-8.0142	-8.7142	-9.8142
5520	-7.7513	-26.7948	5.7848	-23.6848	-23.6848	-48.1848	1.5848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	2.0848	-2.1237	-1.6237	-2.1237	-3.5237	-4.2237	-5.2237	-5.7237	-6.8237	-9.9237	-8.9237	-7.8237	-8.4237	-12.1237	-8.6237	-14.0237	-8.0237	-8.7237	-9.8237
5530	-7.6986	-27.3278	6.0310	-24.3310	-24.3310	-49.0310	1.9310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	2.4310	-2.1333	-1.6333	-2.1333	-3.5333	-4.2333	-5.2333	-5.7333	-6.8333	-9.9333	-8.9333	-7.8333	-8.4333	-12.1333	-8.6333	-14.0333	-8.0333	-8.7333	-9.8333
5540	-7.6459	-27.8609	6.2772	-24.9772	-24.9772	-49.8772	2.2772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	2.7772	-2.1429	-1.6429	-2.1429	-3.5429	-4.2429	-5.2429	-5.7429	-6.8429	-9.9429	-8.9429	-7.8429	-8.4429	-12.1429	-8.6429	-14.0429	-8.0429	-8.7429	-9.8429
5550	-7.5932	-28.3939	6.5234	-25.6234	-25.6234	-50.7234	2.6234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	3.1234	-2.1526	-1.6526	-2.1526	-3.5526	-4.2526	-5.2526	-5.7526	-6.8526	-9.9526	-8.9526	-7.8526	-8.4526	-12.1526	-8.6526	-14.0526	-8.0526	-8.7526	-9.8526
5560	-7.5405	-28.9269	6.7696	-26.2696	-26.2696	-51.6696	3.0696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	3.5696	-2.1623	-1.6623	-2.1623	-3.5623	-4.2623	-5.2623	-5.7623	-6.8623	-9.9623	-8.9623	-7.8623	-8.4623	-12.1623	-8.6623	-14.0623	-8.0623	-8.7623	-9.8623
5570	-7.4878	-29.4598	7.0158	-26.9158	-26.9158	-52.5158	3.5158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	4.0158	-2.1720	-1.6720	-2.1720	-3.5720	-4.2720	-5.2720	-5.7720	-6.8720	-9.9720	-8.9720	-7.8720	-8.4720	-12.1720	-8.6720	-14.0720	-8.0720	-8.7720	-9.8720
5580	-7.4351	-29.9928	7.2620	-27.5620	-27.5620	-53.4620	4.0620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	4.5620	-2.1817	-1.7817	-2.1817	-3.5817	-4.2817	-5.2817	-5.7817	-6.8817	-9.9817	-8.9817	-7.8817	-8.4817	-12.1817	-8.6817	-14.0817	-8.0817	-8.7817	-9.8817
5590	-7.3824	-30.5258	7.5082	-28.2082	-28.2082	-54.3082	4.5082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	5.0082	-2.1914	-1.7914	-2.1914	-3.5914	-4.2914	-5.2914	-5.7914	-6.8914	-9.9914	-8.9914	-7.8914	-8.4914	-12.1914	-8.6914	-14.0914	-8.0914	-8.7914	-9.8914
5600	-7.3297	-31.0588	7.7544	-28.8544	-28.8544	-55.2544	5.0544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	5.5544	-2.2011	-1.8011	-2.2011	-3.6011	-4.3011	-5.3011	-5.8011	-6.9011	-10.0011	-9.0011	-7.9011	-8.5011	-12.2011	-8.7011	-14.1011	-8.1011	-8.8011	-9.9011
5610	-7.2770	-31.6918	8.0006	-29.4006	-29.4006	-56.1006	5.5006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	6.0006	-2.2108	-1.8108	-2.2108	-3.6108	-4.3108	-5.3108	-5.8108	-6.9108	-10.0108	-9.0108	-7.9108	-8.5108	-12.2108	-8.7108	-14.1108	-8.1108	-8.8108	-9.9108
5620	-7.2243	-32.3248	8.2468	-30.0468	-30.0468	-56.9468	6.0468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	6.5468	-2.2205	-1.8205	-2.2205	-3.6205	-4.3205	-5.3205	-5.8205	-6.9205	-10.0205	-9.0205	-7.9205	-8.5205	-12.2205	-8.7205	-14.1205	-8.1205	-8.8205	-9.9205
5630	-7.1716	-32.9578	8.4930	-30.6930	-30.6930	-57.7930	6.4930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	6.9930	-2.2302	-1.8302	-2.2302	-3.6302	-4.3302	-5.3302	-5.8302	-6.9302	-10.0302	-9.0302	-7.9302	-8.5302	-12.2302	-8.7302	-14.1302	-8.1302	-8.8302	-9.9302
5640	-7.1189	-33.5908	8.7392	-31.3392	-31.3392	-58.6392	6.9392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	7.4392	-2.2399	-1.8399	-2.2399	-3.6399	-4.3399	-5.3399	-5.8399	-6.9399	-10.0399	-9.0399	-7.9399	-8.5399	-12.2399	-8.7399	-14.1399	-8.1399	-8.8399	-9.9399
5650	-7.0662	-34.2238	8.9854	-32.0854	-32.0854	-59.5854	7.3854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	7.8854	-2.2496	-1.8496	-2.2496	-3.6496	-4.3496	-5.3496	-5.8496	-6.9496	-10.0496	-9.0496	-7.9496	-8.5496	-12.2496	-8.7496	-14.1496	-8.1496	-8.8496	-9.9496
5660	-7.0135	-34.8568	9.2316	-32.8316	-32.8316	-60.4316	7.8316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	8.3316	-2.2593	-1.8593	-2.2593	-3.6593	-4.3593	-5.3593	-5.8593	-6.9593	-10.0593	-9.0593	-7.9593	-8.5593	-12.2593	-8.7593	-14.1593	-8.1593	-8.8593	-9.9593
5670	-6.9608	-35.4898	9.4778	-33.5778	-33.5778	-61.3778	8.2778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	8.7778	-2.2690	-1.8690	-2.2690	-3.6690	-4.3690	-5.3690	-5.8690	-6.9690	-10.0690	-9.0690	-7.9690	-8.5690	-12.2690	-8.7690	-14.1690	-8.1690	-8.8690	-9.9690
5680	-6.9081	-36.1228	9.7240	-34.3240	-34.3240	-62.3240	8.7240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	9.2240	-2.2787	-1.8787	-2.2787	-3.6787	-4.3787	-5.3787	-5.8787	-6.9787	-10.0787	-9.0787	-7.9787	-8.5787	-12.2787	-8.7787	-14.1787	-8.1787	-8.8787	-9.9787
5690	-6.8554	-36.7558	9.9702	-35.0702	-35.0702	-63.2702	9.1702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	9.6702	-2.2884	-1.8884	-2.2884	-3.6884	-4.3884	-5.3884	-5.8884	-6.9884	-10.0884	-9.0884	-7.9884	-8.5884	-12.2884	-8.7884	-14.1884	-8.1884	-8.8884	-9.9884
5700	-6.8027	-37.3887	10.2164	-35.8164	-35.8164	-64.1164	9.5164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	10.0164	-2.2981	-1.8981	-2.2981	-3.6981	-4.3981	-5.3981	-5.8981	-6.9981	-10.0981	-9.0981	-7.9981	-8.5981	-12.2981	-8.7981	-14.1981	-8.1981	-8.8981	-9.9981
5710	-6.7500	-38.0217	10.5626	-36.5626	-36.5626	-65.0626	9.9626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	10.4626	-2.3078	-1.9078	-2.3078	-3.7078	-4.4078	-5.4078	-5.9078	-7.0078	-10.1078	-9.1078	-8.0078	-8.6078	-12.3078	-8.8078	-14.2078	-8.2078	-8.9078	-10.0078
5720	-6.6973	-38.6547	10.9088	-37.3088	-37.3088	-66.0088	10.3088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	10.8088	-2.3175	-1.9175	-2.3175	-3.7175	-4.4175	-5.4175	-5.9175	-7.0175	-10.1175	-9.1175	-8.0175	-8.6175	-12.3175	-8.8175	-14.2175	-8.2175	-8.9175	-10.0175
5730	-6.6446	-39.2877	11.2550	-38.0550	-38.0550	-66.9550	10.7550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	11.2550	-2.3272	-1.9272	-2.3272	-3.7272	-4.4272	-5.4272	-5.9272	-7.0272	-10.1272	-9.1272	-8.0272	-8.6272	-12.3272	-8.8272	-14.2272	-8.2272	-8.9272	-10.0272

Ant. Position：5G Ant.8_GAIN THETA

Frequency	Phi	Theta	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	0	-21.7746	-36.4823	-39.7999	-38.633	-37.402	-21.2924	-23.3273	-13.947	-8.890	-6.6234	-16.4872	-13.9723	-12.3472	-10.9264	-8.114	-12.1099	-10.2997	-13.7373	-23.6783	-33.8925	-24.4234	-11.9903	-8.6803	-7.2915	-5.9231	-4.2366	-3.4364	-3.5298	-7.4419	-18.5708	-17.8867	-7.5963	-9.9232	-10.3441	-14.6339	-13.9968	-17.7906	-21.7746
5150	1	-22.8744	-37.0958	-39.8748	-34.9921	-35.3971	-18.3938	-19.7928	-13.5205	-8.8352	-6.8	-13.7358	-9.7117	-12.1253	-10.8364	-8.2829	-11.8435	-10.3992	-14.8233	-24.3885	-28.5258	-13.838	-10.9768	-8.0483	-5.961	-4.8084	-3.8464	-3.5298	-7.4419	-18.5708	-17.8867	-7.5963	-9.9232	-10.8443	-14.6339	-13.2915	-17.7906	-22.8744
5150	2	-26.1588	-37.5058	-39.2147	-32.0217	-32.2092	-15.8952	-16.8854	-13.6414	-11.4148	-8.9648	-12.1599	-8.8658	-11.6	-10.8989	-12.0556	-11.5	-10.8989	-15.1988	-22.3896	-24.6898	-15.9915	-10.462	-7.9309	-5.6757	-3.576	-2.7511	-3.5223	-8.9782	-17.8641	-15.2925	-7.6	-10.9486	-11.7587	-13.5595	-12.0243	-15.2047	-18.0573	-26.1588
5150	3	-25.4851	-33.1211	-30.7885	-30.6825	-31.8815	-13.9514	-14.8864	-9.9392	-9.7224	-9.3134	-10.0421	-7.5128	-11.992	-10.9987	-9.9148	-10.8999	-10.3536	-15.6839	-19.8615	-21.9275	-12.9777	-10.3118	-8.7349	-4.0446	-2.9648	-2.1737	-3.4398	-9.7158	-16.0963	-13.2575	-7.9876	-11.9186	-12.9243	-13.185	-11.4804	-15.9718	-18.4852
5150	4	-23.7	-29.1	-28.1	-29.4	-29.9	-12.9	-13.1	-8.9	-9.1	-9.2	-9.1	-7.4	-11.4	-11.1	-9.4	-10.3	-10.3	-15.3	-17.9	-18.9	-11.3	-9.7	-8.7	-3.9	-2.9	-2.1	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-23.7
5150	5	-29.7	-26.7	-26.9	-26.6	-26.8	-12.7	-12.7	-8.7	-8.6	-8.9	-8.7	-7.3	-10.9	-10.9	-9.1	-9.7	-10.1	-14.9	-16.7	-17.5	-10.8	-9.4	-8.6	-3.8	-2.8	-2.1	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.7
5150	6	-29.4861	-26.4	-26.7	-26.4	-26.7	-12.6	-12.6	-8.6	-8.5	-8.8	-8.6	-7.2	-10.8	-10.8	-9.0	-9.6	-10.0	-14.8	-16.6	-17.4	-10.7	-9.3	-8.5	-3.8	-2.8	-2.1	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.4861
5150	7	-29.7	-26.7	-26.9	-26.6	-26.8	-12.7	-12.7	-8.7	-8.6	-8.9	-8.7	-7.3	-10.9	-10.9	-9.1	-9.7	-10.1	-14.9	-16.7	-17.5	-10.8	-9.4	-8.6	-3.8	-2.8	-2.1	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.7
5150	8	-29.8	-26.9	-26.9	-26.8	-26.9	-12.8	-12.8	-8.8	-8.7	-8.9	-8.8	-7.4	-10.9	-10.9	-9.2	-9.8	-10.2	-14.9	-16.8	-17.6	-10.9	-9.5	-8.7	-3.9	-2.9	-2.2	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.8
5150	9	-29.9	-27.0	-27.0	-27.0	-27.0	-12.9	-12.9	-8.9	-8.8	-8.9	-8.9	-7.5	-11.0	-11.0	-9.3	-9.9	-10.3	-15.0	-17.0	-17.8	-11.0	-9.6	-8.8	-3.9	-2.9	-2.2	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.9
5150	10	-29.9	-27.1	-27.1	-27.1	-27.1	-13.0	-13.0	-9.0	-8.9	-9.0	-9.0	-7.6	-11.1	-11.1	-9.4	-10.0	-10.4	-15.1	-17.1	-17.9	-11.1	-9.7	-8.9	-4.0	-3.0	-2.2	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.9
5150	11	-29.9	-27.2	-27.2	-27.2	-27.2	-13.1	-13.1	-9.1	-9.0	-9.1	-9.1	-7.7	-11.2	-11.2	-9.5	-10.1	-10.5	-15.2	-17.2	-18.0	-11.2	-9.8	-9.0	-4.0	-3.0	-2.2	-3.4	-9.7	-16.1	-13.2	-8	-12	-13	-13.2	-11.5	-16	-18.5	-29.9
5150	12	-29.8946	-28.9798	-28.5789	-8.1798	-7.9827	-10.5499	-10.8364	-9.3139	-7.7474	-8.6959	-9.3309	-8.1697	-12.7	-11.9917	-10.9897	-9.1629	-9.6161	-13.0415	-13.8079	-16.4791	-12.1814	-9.5491	-9.583	-3.2022	-2.4296	-3.3261	-2.6351	-6.5237	-8.6124	-10.5978	-10.5365	-13.126	-14.2799	-13.217	-11.0199	-22.6867	-29.8947
5150	13	-26.9954	-26.1289	-27.962	-8.6918	-7.4776	-9.9236	-9.6258	-8.8877	-8.1871	-11.2	-8.2861	-11.4	-10.4	-10.8	-10.2	-9.9	-9.9	-11.9513	-12.4356	-13.14	-12.9236	-9.4825	-9.0864	-3.4037	-2.625	-3.4189	-2.4899	-5.3785	-8.0599	-10.3409	-10.2656	-12.4546	-13.923	-12.7386	-11.2425	-20.695	-26.9954
5150	14	-19.3628	-19.2952	-17.7741	-8.3819	-7.1489	-8.9981	-8.4479	-7.8503	-8.3627	-10.197	-7.0757	-5.7119	-14.0976	-12.2922	-13.5	-8.8513	-8.2533	-10.7131	-11.0484	-13.9399	-11.8737	-8.6143	-8.7389	-3.6944	-2.8232	-1.8756	-2.6315	-4.5771	-7.2993	-10.1869	-13.6997	-11.4042	-13.2567	-14.4968	-11.639	-17.3567	-19.3628
5150	15	-19.1	-19.2	-17.7	-8.3	-7.1	-8.9	-8.4	-7.8	-8.3	-10.2	-7.0	-5.7	-14.1	-12.3	-13.5	-8.8	-8.2	-10.7	-11.0	-13.9	-11.8	-8.6	-8.7	-3.6	-2.8	-1.8	-2.6	-4.5	-7.3	-10.2	-13.7	-11.4	-13.2	-14.5	-11.6	-17.3	-19.1
5150	16	-27.3939	-26.2243	-26.9	-9.2290	-7.2969	-7.8947	-8.4499	-8.9429	-8.2714	-8.8131	-9.5958	-9.0122	-8.4	-9.7	-8.7330	-9.2	-9.5	-10.2	-11.0916	-10.9006	-8.1384	-6.2356	-7.2272	-2.6957	-2.9306	-3.9628	-2.7304	-4.2496	-5.4986	-8.9998	-12.0232	-9.461	-12.0232	-16.461	-12.9992	-18.5047	-27.3939
5150	17	-29.8124	-29.1883	-29.051	-10.1108	-7.713	-7.6864	-8.7928	-7.4824	-8.7502	-9.0289	-9.5233	-9.2398	-8.1087	-9.1191	-8.1	-8.7	-9.2	-9.8	-10.8	-10.8836	-10.6782	-8.6528	-8.0836	-2.6782	-3.6987	-3.4475	-3.275	-3.236	-4.0777	-7.5651	-12.9213	-14.8825	-8.7096	-11.8181	-17.4811	-13.9864	-18.5526	-29.8124
5150	18	-26.4524	-28.5265	-29.1265	-11.2537	-8.629	-8.6163	-8.9989	-8.2157	-8.2918	-8.6359	-9.3	-9.3	-8.1	-8.9	-8.1	-8.6	-9.1	-9.7	-10.6	-10.7	-10.7037	-9.9991	-8.5969	-2.9	-3.6535	-3.5997	-3.5	-3.236	-4.0777	-7.5651	-12.9213	-14.8825	-8.7096	-11.8181	-17.4811	-13.9864	-18.5526	-26.4524
5150	19	-25.1372	-28.5449	-21.4367	-12.8009	-10.1887	-10.0139	-7.6171	-8.2229	-9.3978	-9.252	-8.1121	-8.9999	-9.2028	-9.8275	-10.8629	-9.3063	-8.1549	-8.364	-7.9226	-9.5347	-9.7122	-7.7974	-6.0873	-4.6297	-3.5487	-3.8511	-3.5129	-4.8939	-9.2109	-14.9654	-12.5988	-8.3548	-11.7158	-18.7867	-15.5878	-28.1459	-25.1372
5150	20	-23.9	-28.5	-21.4	-12.8	-10.1	-10.0	-7.6	-8.2	-9.3	-9.2	-8.1	-8.9	-9.2	-9.8	-10.8	-9.3	-8.1	-8.3	-7.9	-9.5	-9.7	-7.7	-6.0	-4.6	-3.5	-3.8	-3.5	-4.8	-9.2	-14.9	-12.5	-8.3	-11.7	-18.7	-15.5	-28.1	-23.9
5150	21	-22.8	-28.5	-21.4	-12.8	-10.1	-10.0	-7.6	-8.2	-9.3	-9.2	-8.1	-8.9	-9.2	-9.8	-10.8	-9.3	-8.1	-8.3	-7.9	-9.5	-9.7	-7.7	-6.0	-4.6	-3.5	-3.8	-3.5	-4.8	-9.2	-14.9	-12.5	-8.3	-11.7	-18.7	-15.5	-28.1	-22.8
5150	22	-22.213	-28.5247	-19.3923	-16.7597	-9.9985	-11.1601	-11.8866	-9.7576	-10.0649	-9.9994	-8.5753	-10.1033	-10.2056	-10.7664	-7.5755	-10.0407	-10.6479	-8.7211	-7.3624	-5.4879	-5.2611	-5.3678	-5.7733	-4.2892	-6.0649	-6.4257	-4.4025	-4.9417	-7.7238	-9.7998	-11.5992	-9.4042	-10.9821	-16.3921	-15.3837	-19.7302	-22.213
5150	23	-21.7722	-28.3622	-18.699	-17.7183	-10.7198	-12.4045	-14.5459	-10.9	-10.2	-10.1	-8.7	-10.3	-10.4	-10.9	-7.7	-10.2	-10.8	-8.9	-7.5	-5.6	-5.4	-5.5	-5.9	-4.4	-6.2	-6.6	-4.7	-5.1	-7.9	-9.9	-11.7	-9.6	-11.2	-16.6	-15.6	-19.9	-21.7722
5150	24	-21.3214	-28.3327	-18.0961	-18.6944	-12.0577	-14.6782	-17.6403	-12.5934	-12.6335	-10.7961	-10.2389	-10.8212	-10.9	-11.1	-8.1	-10.4	-11.1	-9.2	-8.1	-6.4	-6.1	-6.2	-6.6	-5.1	-6.9	-7.3	-5.4	-5.8	-8.6	-10.3	-12.1	-9.9	-11.6	-16.9	-16.1	-20.1	-21.3214
5150	25	-21.1	-28.3	-18.0	-18.6	-12.0	-14.6	-17.6	-12.5	-12.6	-10.7	-10.2	-10.8	-10.9	-11.1	-8.1	-10.4	-11.1	-9.2	-8.1	-6.4	-6.1	-6.2	-6.6	-5.1	-6.9	-7.3	-5.4	-5.8	-8.6	-10.3	-12.1	-9.9	-11.6	-16.9	-16.1	-20.1	-21.1
5150	26	-19.9811	-28.1811	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-19.9811
5150	27	-19.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-19.9
5150	28	-19.1	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-19.1
5150	29	-18.4	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-18.4
5150	30	-19.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-19.9
5150	31	-21.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-21.9
5150	32	-23.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-23.9
5150	33	-25.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-25.9
5150	34	-27.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-27.9
5150	35	-29.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-29.9
5150	36	-29.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-29.9
5150	37	-29.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-29.9
5150	38	-29.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-29.9
5150	39	-29.9	-28.1	-17.9	-19.7	-13.2	-16.9	-21.4	-14.2	-14.9	-11.3	-11.5	-11.4	-11.3	-11.5	-8.2	-10.7	-11.4	-9.4	-8.3	-6.6	-6.3	-6.4	-6.8	-5.3	-7.1	-7.5	-5.6	-6.0	-8.8	-10.5	-12.3	-10.1	-11.8	-17.2	-16.4	-20.4	-29.9
5150	40	-18.381	-26.7612	-10.2226	-13.1924	-10.3962	-12.1449	-7.6222	-9.1874	-10.1889	-9.508	-10.7349	-10.0112	-16.641	-10.0977	-11.7329	-7.1185	-9.676	-9.1267	-9.159	-3.539	-3.5303	-3.4823	-3.075	-4.6176	-4.9251	-4.3424	-4.899	-7.9903	-11.9139	-13.6874	-13.2370	-11.6968	-13.9575	-13.1229	-11.0161	-24.1938	-18.381
5150	41	-17.9	-26.7	-10.2	-13.1	-10.3	-12.1	-7.6	-9.1	-10.1	-9.5	-10.7	-10.0	-16.6	-10.0	-11.7	-7.1	-9.6	-9.1	-9.1	-3.5	-3.5	-3.4	-3.0	-4.6	-4.9	-4.3	-4.8	-7.9	-11.9	-13.6	-13.2	-11.6	-13.9	-13.1	-11.0	-24.1	-17.9
5150	42	-17.3928	-26.5323	-10.1	-13.0	-10.2	-12.0	-7.5	-9.0	-10.0	-9.4	-10.6	-9.9	-16.4	-9.9	-11.6	-7.0	-9.5	-9.0	-9.0	-3.4	-3.4	-3.3	-2.9	-4.5	-4.8	-4.2	-4.7	-7.8	-11.7	-13.4	-13.0	-11.4	-13.7	-12.9	-10.8	-23.7	-17.3928
5150	43	-17.9	-26.3	-10.1	-13.0	-10.2	-12.0	-7.5	-9.0	-10.0	-9.4	-10.6	-9.9	-16.2	-9.9	-11.6	-7.0	-9.5	-9.0	-9.0	-3.4	-3.4	-3.3	-2.9	-4.5	-4.8	-4.2	-4.7	-7.8	-11.7	-13.4	-13.0	-11.4	-13.7	-12.9	-10.8	-23.7	-17.9
5150	44	-18.1148	-26.3847	-10.1108	-12.9774	-10.0799	-11.9399	-7.3	-8.9	-9.9	-9.3	-10.5	-9.8	-16.1	-9.8	-11.5	-6.9	-9.4	-8.9	-8.9	-3.3	-3.3	-3.2	-2.8	-4.4	-4.7	-4.1	-4.6	-7.7	-11.6	-13.3	-12.9	-11.3	-13.6	-12.8	-10.7	-23.6	-18.1148
5150	45	-19.8227	-19.8644	-9.1365	-8.9341	-8.3728	-11.8327	-7.3351	-7.8883	-10.3799	-11.2962	-12.1969	-7.4882	-15.4191	-12.4244	-9.0221	-8.7583	-8.9416	-7.9988	-7.5312	-3.0738	-3.0893	-2.3364	-2.0921	-2.9258	-4.8149	-3.8139	-2.9361	-3.9144	-4.6444	-9.6284	-18.7431	-12.233	-13.2604	-13.9864	-13.7038	-17.0926	-19.8227
5150	46	-19.1809	-20.9999	-8.255	-7.7398	-8.0992	-10.5137	-7.1539	-7.3137	-10.0172	-12.3139	-13.9	-8.3	-14.9	-13.2	-8.7	-8.1	-8.2	-7.1	-6.7	-3.1	-3.2	-2.4	-2.1	-3.0	-5.2	-3.5	-2.5	-3.6	-4.3	-9.3	-18.5	-13.6	-13.7	-13.7	-13.8	-16.9	-19.1809
5150	47	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	48	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	49	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	50	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	51	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	52	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	53	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	54	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	55	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	56	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	57	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	58	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	59	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	60	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	61	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	62	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	63	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	64	-20.1	-20.9	-7.5	-7.6	-7.9	-9.9	-7.1	-7.1	-9.8	-12.1	-13.7	-8.1	-14.7	-13.1	-8.6	-8.0	-8.1	-7.0	-6.6	-3.0	-3.1	-2.3	-2.0	-2.9	-5.1	-3.4	-2.4	-3.5	-4.2	-9.2	-18.3	-13.4	-13.5	-13.6	-13.6	-16.7	-20.1
5150	65	-20.1	-20.9	-7.5	-7.6	-7.9

Ant. Position：5G Ant.9_GAIN PHI

Frequency/ Phi/Theta	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	0	-39.8999	-8.5963	-4.0963	-0.9963	2.7037	5.7037	8.2037	10.2037	11.7037	12.2037	11.7037	10.2037	8.2037	5.7037	2.7037	-0.9963	-4.0963	-8.5963	-39.8999	-13.9604	-9.1984	-3.8212	-2.2901	-4.136	-6.9297	-9.9421	-12.8984	-15.8437	-17.8437	-18.9437	-19.1437	-18.4437	-16.8437	-14.3437	-11.0437	-7.0963
5150	1	-15.9961	-8.8902	-4.271	-0.6954	-2.9332	-10.7901	-5.7382	-7.5008	-17.8584	-12.7201	-12.1262	-28.4722	-15.8961	-13.5154	-10.8883	-8.7451	-13.5961	-8.4099	-2.816	-2.5501	-4.9995	-7.2865	-7.814	-9.9347	-19.7979	-13.7187	-9.564	-14.439	-9.9696	-8.1945	-7.5126	-18.0294	-11.7214	-13.5075	-20.8212	-13.9603	-15.9961
5150	2	-15.2918	-8.6754	-4.0447	-5.2956	-8.576	-9.46	-10.2621	-7.4226	-16.3769	-11.2248	-11.8858	-21.2139	-15.2867	-13.8236	-10.2867	-8.2236	-8.9601	-7.2993	-7.814	-9.9347	-19.7979	-13.7187	-9.564	-14.439	-9.9696	-8.1945	-7.5126	-18.0294	-11.7214	-13.5075	-20.8212	-13.9603	-15.9961	-8.9902	-4.271	-0.8954
5150	3	-19.0212	-8.8828	-3.9347	-4.4702	-9.3499	-8.9722	-10.2311	-7.2735	-16.1215	-16.0228	-11.2523	-19.5964	-12.1968	-11.8439	-9.585	-7.5992	-13.0549	-10.0391	-3.23	-3.1934	-7.5428	-7.9314	-8.8464	-12.5267	-19.1414	-13.9958	-9.9973	-14.2851	-11.3859	-9.7795	-10.0291	-14.9065	-12.0819	-13.1279	-20.4819	-13.2779	-19.0212
5150	4	-19.1038	-8.9102	-3.8592	-4.3147	-9.2944	-8.8167	-10.1756	-7.1179	-16.0659	-16.5673	-11.2968	-19.0396	-12.2413	-11.8884	-9.5295	-7.4437	-13.0994	-10.0836	-3.675	-3.6379	-7.9872	-8.3758	-9.2908	-12.9711	-19.5858	-14.3402	-10.3417	-14.6296	-11.8304	-10.1739	-10.4235	-15.3509	-12.5264	-13.5724	-20.9264	-13.6224	-19.1038
5150	5	-19.5018	-9.0399	-3.7273	-3.4031	-3.8398	-8.4626	-9.7997	-7.0414	-15.9441	-17.0968	-11.7579	-18.4227	-12.6797	-12.3268	-9.9689	-7.8851	-13.4407	-10.5098	-3.7084	-3.8972	-7.7728	-7.5287	-10.0993	-16.8821	-18.6164	-14.7204	-12.3961	-14.7476	-12.3504	-10.6225	-14.6225	-14.9225	-12.9225	-13.2225	-20.3203	-13.1242	-19.5018
5150	6	-19.9824	-9.1696	-3.6954	-2.4202	-7.232	-8.7461	-7.4854	-15.2908	-12.9936	-15.5763	-12.2961	-15.0908	-13.1022	-8.2211	-8.6513	-11.9915	-10.0819	-3.974	-4.326	-10.0398	-8.4449	-12.1436	-20.9812	-18.8515	-21.3312	-15.8752	-12.1727	-18.6123	-14.3218	-7.213	-16.0937	-21.1249	-9.2967	-21.4367	-13.3179	-14.3212
5150	7	-20.4631	-9.2493	-3.6273	-2.9797	-3.1424	-7.9799	-8.5253	-8.0172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	8	-21.1238	-9.3291	-3.5592	-3.4252	-2.7252	-7.1952	-7.6452	-8.9172	-17.8584	-13.7201	-12.1262	-28.4722	-15.8961	-13.5154	-10.8883	-8.7451	-13.5961	-8.4099	-2.816	-2.5501	-4.9995	-7.2865	-7.814	-9.9347	-19.7979	-13.7187	-9.564	-14.439	-9.9696	-8.1945	-7.5126	-18.0294	-11.7214	-13.5075	-20.8212	-13.9603	-15.9961
5150	9	-21.7044	-9.4089	-3.4911	-4.2202	-5.1424	-7.0799	-6.8253	-8.0172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	10	-22.2851	-9.4887	-3.4229	-5.9957	-8.0224	-6.9399	-5.9853	-8.8172	-16.9397	-12.4199	-13.0258	-19.7397	-13.2867	-12.9338	-10.3867	-8.4336	-13.0398	-9.7974	-4.136	-7.1297	-11.0993	-16.8821	-18.6164	-14.7204	-12.3961	-14.7476	-12.3504	-10.6225	-14.6225	-14.9225	-12.9225	-13.2225	-20.3203	-13.1242	-19.5018
5150	11	-22.8458	-9.5684	-3.3892	-3.0894	-9.0894	-6.9099	-9.3511	-8.3909	-17.8584	-16.0221	-13.1214	-15.0567	-13.3996	-13.7897	-8.6735	-10.7609	-12.1869	-9.8142	-7.5433	-9.2922	-9.6455	-13.3877	-11.2887	-8.4567	-12.1261	-14.4283	-12.9526	-10.5974	-10.9875	-21.5267	-17.9098	-13.4853	-8.7367	-7.9353	-14.5098	-13.4238
5150	12	-23.4065	-9.6282	-3.3557	-1.1214	-4.8557	-6.8799	-8.6253	-8.7172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	13	-23.9672	-9.7079	-3.4051	-3.096	-6.6294	-8.8547	-8.4203	-9.0172	-16.9397	-12.4199	-13.0258	-19.7397	-13.2867	-12.9338	-10.3867	-8.4336	-13.0398	-9.7974	-4.136	-7.1297	-11.0993	-16.8821	-18.6164	-14.7204	-12.3961	-14.7476	-12.3504	-10.6225	-14.6225	-14.9225	-12.9225	-13.2225	-20.3203	-13.1242	-19.5018
5150	14	-24.5279	-9.7875	-3.4211	-4.6294	-5.1294	-8.7294	-7.9294	-9.1172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	15	-25.0886	-9.8672	-3.4573	-5.4294	-3.2294	-8.5294	-7.3294	-9.2172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	16	-25.6493	-9.9468	-3.4935	-6.3294	-1.3294	-8.3294	-6.7294	-9.3172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	17	-26.2100	-10.0265	-3.5297	-7.2294	-0.4294	-8.1294	-6.1294	-9.4172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	18	-26.7707	-10.1062	-3.5659	-8.1294	-0.3294	-7.9294	-5.5294	-9.5172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	19	-27.3314	-10.1859	-3.6021	-9.0294	-0.2294	-7.7294	-4.9294	-9.6172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	20	-27.8921	-10.2656	-3.6383	-9.8294	-0.1294	-7.5294	-4.3294	-9.7172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	21	-28.4528	-10.3453	-3.6745	-10.6294	-0.0294	-7.3294	-3.7294	-9.8172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	22	-29.0135	-10.4250	-3.7107	-11.4294	0.2706	-7.1294	-3.1294	-9.9172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	23	-29.5742	-10.5047	-3.7469	-12.2294	0.5706	-6.9294	-2.5294	-10.0172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	24	-30.1349	-10.5844	-3.7831	-13.0294	0.8706	-6.6294	-1.9294	-10.1172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	25	-30.6956	-10.6641	-3.8193	-13.8294	1.1706	-6.3294	-1.3294	-10.2172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	26	-31.2563	-10.7438	-3.8555	-14.6294	1.4706	-6.0294	-0.7294	-10.3172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	27	-31.8170	-10.8235	-3.8917	-15.4294	1.7706	-5.7294	-0.1294	-10.4172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	28	-32.3777	-10.9032	-3.9279	-16.2294	2.0706	-5.4294	0.4706	-10.5172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	29	-32.9384	-11.0829	-3.9641	-17.0294	2.3706	-5.1294	1.0706	-10.6172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	30	-33.4991	-11.1626	-4.0003	-17.8294	2.6706	-4.8294	1.6706	-10.7172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	31	-34.0598	-11.2423	-4.0365	-18.6294	2.9706	-4.5294	2.2706	-10.8172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	32	-34.6205	-11.3220	-4.0727	-19.4294	3.2706	-4.2294	2.8706	-10.9172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	33	-35.1812	-11.4017	-4.1089	-20.2294	3.5706	-3.9294	3.5706	-11.0172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	34	-35.7419	-11.4814	-4.1451	-21.0294	3.8706	-3.6294	4.2706	-11.1172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	35	-36.3026	-11.5611	-4.1813	-21.8294	4.1706	-3.3294	4.9706	-11.2172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	36	-36.8633	-11.6408	-4.2175	-22.6294	4.4706	-3.0294	5.6706	-11.3172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	37	-37.4240	-11.7205	-4.2537	-23.4294	4.7706	-2.7294	6.3706	-11.4172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	38	-37.9847	-11.8002	-4.2899	-24.2294	5.0706	-2.4294	7.0706	-11.5172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	39	-38.5454	-11.8799	-4.3261	-25.0294	5.3706	-2.1294	7.7706	-11.6172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	40	-39.1061	-11.9596	-4.3623	-25.8294	5.6706	-1.8294	8.4706	-11.7172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	41	-39.6668	-12.0393	-4.3985	-26.6294	5.9706	-1.5294	9.2706	-11.8172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	42	-40.2275	-12.1190	-4.4347	-27.4294	6.2706	-1.2294	10.0706	-11.9172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	43	-40.7882	-12.1987	-4.4709	-28.2294	6.5706	-0.9294	10.8706	-12.0172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	44	-41.3489	-12.2784	-4.5071	-29.0294	6.8706	-0.6294	11.6706	-12.1172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	45	-41.9096	-12.3581	-4.5433	-29.8294	7.1706	-0.3294	12.4706	-12.2172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	46	-42.4703	-12.4378	-4.5795	-30.6294	7.4706	-0.0294	13.2706	-12.3172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	47	-43.0310	-12.5175	-4.6157	-31.4294	7.7706	0.3706	14.0706	-12.4172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	48	-43.5917	-12.5972	-4.6519	-32.2294	8.0706	0.6706	14.8706	-12.5172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	49	-44.1524	-12.6769	-4.6881	-33.0294	8.3706	0.9706	15.6706	-12.6172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	50	-44.7131	-12.7566	-4.7243	-33.8294	8.6706	1.2706	16.4706	-12.7172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	51	-45.2738	-12.8363	-4.7605	-34.6294	8.9706	1.5706	17.2706	-12.8172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	52	-45.8345	-12.9160	-4.7967	-35.4294	9.2706	1.8706	18.0706	-12.9172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	53	-46.3952	-12.9957	-4.8329	-36.2294	9.5706	2.1706	18.8706	-13.0172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	54	-46.9559	-13.0754	-4.8691	-37.0294	9.8706	2.4706	19.6706	-13.1172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	55	-47.5166	-13.1551	-4.9053	-37.8294	10.1706	2.7706	20.4706	-13.2172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	56	-48.0773	-13.2348	-4.9415	-38.6294	10.4706	3.0706	21.2706	-13.3172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	57	-48.6380	-13.3145	-4.9777	-39.4294	10.7706	3.3706	22.0706	-13.4172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	58	-49.1987	-13.3942	-5.0139	-40.2294	11.0706	3.6706	22.8706	-13.5172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150	59	-49.7594	-13.4739	-5.0501	-41.0294	11.3706	3.9706	23.6706	-13.6172	-15.3997	-14.899	-18.8214	-14.8197	-13.9133	-13.6488	-11.7982	-8.0817	-8.4851	-11.3566	-11.4247	-4.9833	-5.272	-8.8367	-9.9961	-15.6409	-18.8896	-11.5373	-17.4129	-19.4351	-11.9032	-19.2969	-17.5719	-21.2866	-20.6377	-20.9125	-8.3857	-15.2962
5150

Ant. Position：5G Ant.9_GAIN THETA

Frequency	PhiThetaig	-180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5150	1	-39.8605	-18.3	-10.0133	-6.3399	-4.5672	-3.5693	-3.0649	-2.8198	-2.7803	-2.9226	-2.7752	-7.7918	-8.7956	-10.5407	-12.7923	-8.4997	-7.1365	-8.7604	-19.5983	-10.8933	-5.2141	-5.8014	-11.9252	-22.6851	-14.0074	-14.9845	-8.2135	-9.5438	-13.8267	-13.8678	-17.3784	-17.2246	-14.5965	-13.2394	-34.0738	-18.8659
5150	2	-39.9399	-18.7798	-9.44	-5.7301	-4.3257	-3.5122	-3.0534	-3.0282	-2.9381	-2.9388	-2.9289	-3.6441	-7.2861	-8.6217	-10.8798	-12.7367	-8.4402	-6.9275	-8.3038	-18.1122	-21.8674	-5.5113	-6.0868	-11.8102	-21.6926	-12.8245	-14.0374	-10.929	-10.2755	-13.6124	-15.1363	-18.9923	-15.9754	-13.6706	-11.7764	-30.8644	-18.9269
5150	3	-17.2128	-18.8977	-10.8977	-5.2958	-3.7836	-4.8843	-5.0483	-2.9198	-2.9867	-2.9198	-2.9867	-2.9198	-3.5198	-5.9198	-8.9198	-12.9198	-12.9198	-8.9198	-5.9198	-7.9198	-16.8527	-12.9198	-5.9198	-8.9198	-12.9198	-12.9198	-8.9198	-5.9198	-8.9198	-12.9198	-12.9198	-8.9198	-5.9198	-8.9198	-12.9198	-26.6898	-17.2118
5150	4	-17.5337	-19.9795	-8.61	-4.7989	-3.3223	-4.136	-2.3653	-1.9217	-2.0544	-1.9584	-2.1228	-3.1584	-5.4392	-8.2914	-11.9771	-12.5788	-8.3536	-8.9882	-7.649	-15.3967	-12.9698	-8.7826	-7.0864	-14.3135	-12.7008	-8.2885	-8.6391	-6.7788	-7.1347	-7.3873	-13.9727	-13.3231	-12.7541	-13.3404	-10.6733	-28.6547	-17.5317
5150	5	-18.2972	-20.9138	-7.7	-4.2963	-2.7226	-3.6158	-2.3529	-1.8708	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898
5150	6	-18.2972	-21.2661	-7.7714	-4.2963	-2.7226	-3.6158	-2.3529	-1.8708	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898	-2.0898
5150	7	-18.9574	-14.7606	-7.6706	-4.2178	-2.6256	-3.7998	-4.3397	-1.8967	-1.108	-3.1996	-4.6861	-4.0983	-4.0287	-4.6727	-12.0922	-11.8061	-8.1247	-6.0731	-8.3728	-12.6121	-21.1899	-7.8945	-5.7721	-25.3469	-8.9376	-2.2382	-2.5308	-2.4846	-3.2601	-3.0864	-5.1674	-7.2826	-10.8173	-11.8268	-10.6149	-23.0996	-18.9574
5150	8	-19.9611	-14.9268	-7.2268	-4.2529	-2.6281	-4.2236	-4.3229	-2.49	-2.3202	-4.6987	-6.3869	-3.9	-3.8797	-3.995	-6.8829	-12.2863	-11.5228	-8.1126	-9.5189	-8.0609	-11.8989	-15.7195	-8.4618	-10.6819	-8.8565	-8.9928	-2.5108	-2.4145	-3.0912	-3.1864	-4.6238	-10.9122	-12.1564	-10.7728	-22.3991	-19.9611
5150	9	-19.9736	-14.2993	-6.9754	-4.5245	-2.7211	-4.7151	-5.8487	-3.0954	-2.7948	-6.1251	-8.9929	-4.9211	-3.2898	-2.9229	-5.3968	-12.2863	-12.2917	-8.0548	-9.7999	-5.7684	-11.2863	-16.3911	-9.8005	-13.9868	-10.8803	-9.3234	-2.3016	-2.9961	-2.8237	-3.8542	-3.7762	-4.1368	-8.8334	-11.2829	-12.7878	-11.2718	-21.8898	-19.9736
5150	10	-20.3222	-13.8	-6.5	-4.6411	-2.9899	-4.9966	-6.4239	-3.3541	-2.4943	-6.9299	-9.3154	-5.0999	-3.2898	-2.9229	-5.3968	-12.2863	-12.2917	-8.0548	-9.7999	-5.7684	-11.2863	-16.3911	-9.8005	-13.9868	-10.8803	-9.3234	-2.3016	-2.9961	-2.8237	-3.8542	-3.7762	-4.1368	-8.8334	-11.2829	-12.7878	-11.2718	-21.8898	-19.9736
5150	11	-20.3222	-13.8	-6.5	-4.6411	-2.9899	-4.9966	-6.4239	-3.3541	-2.4943	-6.9299	-9.3154	-5.0999	-3.2898	-2.9229	-5.3968	-12.2863	-12.2917	-8.0548	-9.7999	-5.7684	-11.2863	-16.3911	-9.8005	-13.9868	-10.8803	-9.3234	-2.3016	-2.9961	-2.8237	-3.8542	-3.7762	-4.1368	-8.8334	-11.2829	-12.7878	-11.2718	-21.8898	-19.9736
5150	12	-20.601	-13.8464	-6.681	-4.832	-2.9334	-4.6779	-6.3085	-3.1457	-2.5238	-4.894	-3.9414	-2.6461	-3.136	-4.5409	-10.1816	-10.8207	-7.6152	-5.393	-5.0073	-9.7318	-19.9824	-10.8303	-14.387	-16.7884	-5.589	-3.6809	-4.23	-4.6739	-7.2342	-7.14	-6.4299	-9.6538	-14.3	-15.7985	-15.4291	-18.7179	-17.9966	-20.601
5150	13	-21.3974	-15.4523	-8.21	-4.9863	-2.7907	-4.5309	-5.6693	-2.9	-2.3	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-21.844
5150	14	-21.9846	-13.3192	-8.1134	-5.1199	-2.7911	-4.1713	-5.9572	-6.4725	-3.7299	-3.1376	-2.9419	-3.1646	-5.5223	-3.0485	-7.4875	-9.6807	-7.598	-5.1004	-4.9827	-8.9723	-13.9712	-11.7342	-14.9325	-16.8696	-8.1127	-4.5149	-3.78	-2.5498	-5.547	-6.3412	-8.1722	-14.9251	-19.3907	-20.7383	-20.6464	-22.9771	-21.9846
5150	15	-22.3222	-12.8	-8.5	-5.3	-2.9	-3.9	-5.9	-7.9	-4.9	-3.9	-2.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9
5150	16	-22.7517	-12.1429	-8.9722	-5.7	-2.8999	-4.0966	-6.1229	-7.7199	-5.2	-4.2198	-3.9797	-4.2198	-5.9797	-7.2198	-8.9797	-10.2198	-11.9797	-13.2198	-14.9797	-16.2198	-17.9797	-19.2198	-20.9797	-22.2198	-23.9797	-25.2198	-26.9797	-28.2198	-29.9797	-31.2198	-32.9797	-34.2198	-35.9797	-37.2198	-38.9797	-40.2198	-41.9797
5150	17	-23.1	-11.6	-9.4	-6.2	-3.1	-3.9	-5.9	-7.9	-5.9	-4.9	-3.9	-4.9	-5.9	-7.9	-8.9	-10.9	-11.9	-13.9	-14.9	-16.9	-17.9	-19.9	-20.9	-22.9	-23.9	-25.9	-26.9	-28.9	-29.9	-31.9	-32.9	-34.9	-35.9	-37.9	-38.9	-40.9	-41.9
5150	18	-23.5	-11.1	-9.9	-6.7	-3.5	-3.9	-5.9	-7.9	-6.9	-5.9	-4.9	-5.9	-6.9	-7.9	-8.9	-9.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9
5150	19	-23.9	-10.7	-10.3	-7.1	-3.9	-3.9	-5.9	-7.9	-7.9	-6.9	-5.9	-6.9	-7.9	-8.9	-9.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9
5150	20	-24.2	-10.3	-10.7	-7.5	-4.3	-3.9	-5.9	-7.9	-8.9	-7.9	-6.9	-7.9	-8.9	-9.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9
5150	21	-24.6	-9.9	-11.1	-7.9	-4.7	-3.9	-5.9	-7.9	-9.9	-8.9	-7.9	-8.9	-9.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9
5150	22	-24.9	-9.6	-11.5	-8.3	-5.1	-3.9	-5.9	-7.9	-9.9	-9.9	-8.9	-9.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9
5150	23	-25.3	-9.3	-11.9	-8.7	-5.5	-3.9	-5.9	-7.9	-9.9	-10.9	-9.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9
5150	24	-25.6	-9.0	-12.3	-9.1	-5.9	-3.9	-5.9	-7.9	-9.9	-11.9	-10.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9
5150	25	-26.0	-8.7	-12.7	-9.5	-6.3	-3.9	-5.9	-7.9	-9.9	-11.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9
5150	26	-26.4	-8.4	-13.1	-9.9	-6.7	-3.9	-5.9	-7.9	-9.9	-11.9	-12.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9
5150	27	-26.8	-8.1	-13.5	-10.3	-7.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-14.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9
5150	28	-27.2	-7.8	-13.9	-10.7	-7.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-16.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9
5150	29	-27.6	-7.5	-14.3	-11.1	-7.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-18.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9
5150	30	-28.0	-7.2	-14.7	-11.5	-8.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-20.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9
5150	31	-28.4	-6.9	-15.1	-11.9	-8.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-22.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9
5150	32	-28.8	-6.6	-15.5	-12.3	-9.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-24.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9
5150	33	-29.2	-6.3	-15.9	-12.7	-9.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-26.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9
5150	34	-29.6	-6.0	-16.3	-13.1	-9.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-28.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9
5150	35	-30.0	-5.7	-16.7	-13.5	-10.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-30.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9
5150	36	-30.4	-5.4	-17.1	-13.9	-10.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-32.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9
5150	37	-30.8	-5.1	-17.5	-14.3	-11.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-34.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9	-49.9
5150	38	-31.2	-4.8	-17.9	-14.7	-11.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-36.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9	-49.9	-50.9
5150	39	-31.6	-4.5	-18.3	-15.1	-11.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-38.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9	-49.9	-50.9	-51.9
5150	40	-32.0	-4.2	-18.7	-15.5	-12.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-40.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9	-49.9	-50.9	-51.9	-52.9
5150	41	-32.4	-3.9	-19.1	-15.9	-12.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-42.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9	-49.9	-50.9	-51.9	-52.9	-53.9
5150	42	-32.8	-3.6	-19.5	-16.3	-13.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-44.9	-45.9	-46.9	-47.9	-48.9	-49.9	-50.9	-51.9	-52.9	-53.9	-54.9
5150	43	-33.2	-3.3	-19.9	-16.7	-13.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-46.9	-47.9	-48.9	-49.9	-50.9	-51.9	-52.9	-53.9	-54.9	-55.9
5150	44	-33.6	-3.0	-20.3	-17.1	-13.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-48.9	-49.9	-50.9	-51.9	-52.9	-53.9	-54.9	-55.9	-56.9
5150	45	-34.0	-2.7	-20.7	-17.5	-14.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-50.9	-51.9	-52.9	-53.9	-54.9	-55.9	-56.9	-57.9
5150	46	-34.4	-2.4	-21.1	-17.9	-14.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-52.9	-53.9	-54.9	-55.9	-56.9	-57.9	-58.9
5150	47	-34.8	-2.1	-21.5	-18.3	-15.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-54.9	-55.9	-56.9	-57.9	-58.9	-59.9
5150	48	-35.2	-1.8	-21.9	-18.7	-15.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-56.9	-57.9	-58.9	-59.9	-60.9
5150	49	-35.6	-1.5	-22.3	-19.1	-15.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-58.9	-59.9	-60.9	-61.9
5150	50	-36.0	-1.2	-22.7	-19.5	-16.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-60.9	-61.9	-62.9
5150	51	-36.4	-0.9	-23.1	-19.9	-16.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-62.9	-63.9
5150	52	-36.8	-0.6	-23.5	-20.3	-17.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-64.9
5150	53	-37.2	-0.3	-23.9	-20.7	-17.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	54	-37.6	-0.0	-24.3	-21.1	-17.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	55	-38.0	0.3	-24.7	-21.5	-18.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	56	-38.4	0.6	-25.1	-21.9	-18.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	57	-38.8	0.9	-25.5	-22.3	-19.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	58	-39.2	1.2	-25.9	-22.7	-19.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	59	-39.6	1.5	-26.3	-23.1	-19.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	60	-40.0	1.8	-26.7	-23.5	-20.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	61	-40.4	2.1	-27.1	-23.9	-20.7	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	62	-40.8	2.4	-27.5	-24.3	-21.1	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	63	-41.2	2.7	-27.9	-24.7	-21.5	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	64	-41.6	3.0	-28.3	-25.1	-21.9	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	65	-42.0	3.3	-28.7	-25.5	-22.3	-3.9	-5.9	-7.9	-9.9	-11.9	-13.9	-15.9	-17.9	-19.9	-21.9	-23.9	-25.9	-27.9	-29.9	-31.9	-33.9	-35.9	-37.9	-39.9	-41.9	-43.9	-45.9	-47.9	-49.9	-51.9	-53.9	-55.9	-57.9	-59.9	-61.9	-63.9	-65.9
5150	66	-42.4	3.6	-

Ant. Position：6G Ant.1_GAIN PHI

Freq:qamy:Phi2Theta	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5GHz	0	17.9907	12.4847	-9.9237	19.5487	17.3797	18.9427	16.4238	18.4963	19.5353	15.6763	10.5417	11.5003	8.5367	8.0211	-9.5954	7.0461	-4.4848	-3.1097	-7.7765	-8.8017	-8.7277	-14.2712	-13.0074	-10.9517	-7.6416	-8.3376	-6.0781	-6.8117	-7.3186	-7.9696	-15.0911	-9.9046	-8.7080	-8.0007	-11.9171	-17.9907
5GHz	2	-18.0475	12.1851	-8.4489	19.5146	17.3436	18.9067	16.4094	18.4854	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	4	-18.1043	11.8255	-7.0359	19.4806	17.3076	18.8707	16.3951	18.4745	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	6	-18.1611	11.4658	-6.1715	19.4467	17.2356	18.8347	16.3808	18.4636	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	8	-18.2179	11.1062	-5.4929	19.4127	17.1636	18.7987	16.3665	18.4527	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	10	-18.2747	10.7467	-4.8142	19.3788	17.0916	18.7627	16.3522	18.4418	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	12	-18.3315	10.3871	-4.2355	19.3448	17.0196	18.7267	16.3379	18.4309	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	14	-18.3883	10.0275	-3.6768	19.3109	16.9476	18.6907	16.3236	18.4200	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	16	-18.4451	9.6681	-3.1181	19.2770	16.8756	18.6547	16.3093	18.4091	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	18	-18.5019	9.3087	-2.5594	19.2431	16.8036	18.6187	16.2950	18.3982	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	20	-18.5588	8.9493	-2.0006	19.2092	16.7316	18.5827	16.2807	18.3854	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	22	-19.1156	8.5899	-1.4418	19.1753	16.6596	18.5467	16.2664	18.3726	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	24	-19.6724	8.2305	-0.8830	19.1414	16.5876	18.5107	16.2521	18.3598	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	26	-20.2292	7.8712	-0.3242	19.1075	16.5156	18.4747	16.2378	18.3470	-19.5353	15.6763	10.5417	11.5003	8.5171	8.1789	-8.6750	-8.0395	-6.2727	-6.5458	-7.8275	-9.0767	-8.7577	-14.3472	-13.0817	-10.9517	-7.6416	-8.3376	-6.0088	-3.8965	-6.0899	-5.6417	-7.3698	-7.7722	-13.0785	-7.9422	-7.1387	-9.7087
5GHz	28	-19.9089	14.3694	14.4929	32.5497	31.7844	32.4665	29.9855	-17.3216	-12.6817	-9.6412	12.2635	-12.7375	18.1548	-32.4131	-25.2624	16.5709	107.4475	-8.0098	-7.1105	8.7085	-9.4472	-13.7822	127.0330	-13.9767	-8.4865	-7.2192	-7.7763	-13.5135	-7.0861	-23.5172	32.5036	-12.8996	-4.2739	-3.7887	32.121	-7.5836
5GHz	30	-19.7783	15.3731	-18.2576	34.4833	33.0506	32.7763	17.5667	-17.3216	-12.6817	-9.6412	12.2635	-12.7375	18.1548	-32.4131	-25.2624	16.5709	107.4475	-8.0098	-7.1105	8.7085	-9.4472	-13.7822	127.0330	-13.9767	-8.4865	-7.2192	-7.7763	-13.5135	-7.0861	-23.5172	32.5036	-12.8996	-4.2739	-3.7887	32.121	-7.5836
5GHz	32	-19.7911	16.4252	18.4175	27.7762	38.1273	19.2513	17.8633	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	34	-19.1376	18.1916	25.8308	25.9936	36.5799	18.7441	18.2016	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	36	-20.5471	20.0602	28.3627	23.3969	35.4486	18.5979	18.3156	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	38	-21.9932	21.6953	28.7427	21.9004	34.3173	18.4517	18.4296	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	40	-23.3392	23.3305	29.1227	20.5039	33.2859	17.5428	18.5436	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	42	-24.6853	24.9657	29.5027	19.0874	32.1545	16.6339	18.6576	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	44	-26.0314	26.5962	29.8827	17.6709	30.9231	15.7243	18.7716	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	46	-26.5776	28.1266	30.7417	20.0842	31.3799	14.9056	18.8856	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	48	-27.1237	29.6875	31.5867	22.5129	32.4811	14.2869	18.9996	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	50	-27.6699	31.2485	32.4307	25.0186	33.5123	13.6482	19.1136	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	52	-28.2161	32.8095	33.2987	27.5243	34.5435	13.0095	19.2276	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	54	-28.7623	34.4705	34.1547	29.9301	35.5747	12.3708	19.3416	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	56	-29.3085	36.1316	35.0107	32.3357	36.6959	11.7321	19.4556	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	58	-29.8547	37.7926	35.8667	34.7415	37.8171	11.0933	19.5696	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	60	-30.3009	39.4536	36.7217	37.1529	38.9383	10.4545	19.6836	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	62	-30.7471	41.1146	37.5767	39.5843	40.0595	9.8157	19.7976	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	64	-31.2933	42.7756	38.4317	42.0157	41.2027	9.1769	19.9116	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	66	-31.8396	44.4366	39.2867	44.4471	42.5459	8.5381	20.0257	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	68	-32.3858	46.1976	40.1417	46.8785	43.8891	7.8993	20.1397	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	70	-32.9320	48.0586	41.0967	49.3099	45.2323	7.2605	20.2537	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	72	-33.4783	49.9196	42.0517	51.7313	46.5755	6.6217	20.3677	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	74	-34.0245	51.7806	43.0067	54.1527	47.9187	5.9829	20.4817	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	76	-34.5708	53.6416	43.9617	56.5741	49.2619	5.3441	20.5957	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	78	-35.1170	55.5026	44.9167	58.9955	50.6051	4.7053	20.7097	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	80	-35.6633	57.3636	45.8717	61.4169	51.9483	4.0665	20.8237	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	82	-36.2095	59.2246	46.8267	63.8583	53.2915	3.4277	20.9377	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	84	-36.7557	61.0856	47.7817	66.3000	54.6347	2.7889	21.0517	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	86	-37.3019	62.9466	48.7367	68.7417	55.9779	2.1501	21.1657	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	88	-37.8481	64.8076	49.6917	71.1835	57.3211	1.4113	21.2797	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	90	-38.3943	66.6686	50.6467	73.5253	58.6643	0.6725	21.3937	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	92	-38.9405	68.4296	51.6017	75.8671	59.9075	-0.0663	21.5077	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	94	-39.4867	70.1906	52.5567	78.2089	61.1507	-0.7401	21.6217	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	96	-40.0329	71.9516	53.5117	80.5507	62.3939	-1.4135	21.7357	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	98	-40.5791	73.7126	54.4667	82.8925	63.6371	-2.0869	21.8497	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	100	-41.1253	75.4736	55.4217	85.2343	64.8803	-2.7603	21.9637	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	102	-41.6714	77.2346	56.3767	87.5761	66.1235	-3.4337	22.0777	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	104	-42.2176	78.9956	57.3317	89.8179	67.3667	-4.1071	22.1917	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	106	-42.7638	80.7566	58.2867	92.0597	68.6099	-4.7805	22.3057	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	108	-43.3100	82.5176	59.2417	94.2015	69.8531	-5.4539	22.4197	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	110	-43.8562	84.2786	60.1967	96.3433	71.0963	-6.1273	22.5337	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	112	-44.4024	86.0396	61.1517	98.4851	72.3395	-6.7907	22.6477	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	114	-44.9486	87.8006	62.1067	100.6269	73.5827	-7.4541	22.7617	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	116	-45.4947	89.5616	63.0617	102.7687	74.8259	-8.1175	22.8757	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924	15.7629	9.5964	14.1602	7.6193	9.7988	8.9553	15.1254	18.0814	27.3919	25.6442	13.8774	5.8677	5.6057	12.6612	9.0348	15.1974
5GHz	118	-46.0409	91.3226	64.0167	104.9105	76.0691	-8.7809	22.9897	12.5372	7.9394	9.2539	9.5760	18.3344	20.0714	20.9727	16.3996	15.0125	8.1567	8.292	9.0948	8.2924

Ant. Position：6G Ant.1_GAIN THETA

Freq:array	Phi:2Theta	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	-100	-110	-120	-130	-140	-150	-160	-170	-180
SAFE	0	-23.5263	16.5426	15.9717	-5.0844	-4.0561	-8.0996	-7.8239	-4.7967	-2.0351	-0.6101	-0.0180	0.0512	0.1938	2.1212	7.5371	13.9917	19.7	14.5222	7.8134	4.1963	-7.2457	-4.0100	-0.9277	0.4576	-1.8210	-3.0813	-4.2705	-4.2532	-2.0351	-0.6101	-0.0180	0.0512	0.1938	2.1212	7.5371	13.9917	19.7
SAFE	5	-22.8218	17.9034	18.0502	-6.0063	-5.2140	-4.6454	-5.3419	-4.4022	-4.6804	-2.5178	-0.9729	0.7138	0.5969	0.7127	0.9398	1.5089	6.6278	17.9181	18.9718	14.4351	-0.0277	-2.7576	-2.5255	-2.9	-2.7287	-4.9406	-5.2455	-4.4402	-2.2455	-1.32	-2.7287	-4.9406	-5.2455	-4.4402	-2.2455	-1.32	-2.7287
SAFE	10	-22.5684	-12.6873	-15.4611	-6.7173	-8.0117	-5.5687	-2.3640	-3.9417	-5.0416	-3.5640	-2.0365	-0.0567	0.0894	0.6566	0.6679	-1.2511	-6.3907	-11.9887	-12.3663	-7.3425	-2.7155	-2.3246	-2.9075	-4.0149	-1.9136	-1.8061	-2.9895	-3.9975	-5.0351	-4.0186	-1.8442	-2.5698	-2.8501	-2.7163	-5.3418	-8.1879	-22.5684
SAFE	15	-21.2357	-10.1988	-12.3019	-7.5878	-5.8739	-5.7614	-4.6856	-4.0997	-4.0999	-7.8239	-4.7967	-2.0351	-0.6101	-0.0180	0.0512	0.1938	2.1212	7.5371	13.9917	19.7	14.5222	7.8134	4.1963	-7.2457	-4.0100	-0.9277	0.4576	-1.8210	-3.0813	-4.2705	-4.2532	-2.0351	-0.6101	-0.0180	0.0512	0.1938	2.1212
SAFE	20	-22.0604	-18.2377	-19.7090	-8.6163	-7.4909	-9.0154	-6.4923	-6.3696	-8.9278	-4.3036	-3.0942	-2.0191	-1.4779	-0.4909	-0.3540	-1.3482	-5.2764	-10.4737	-17.1929	-13.6746	-8.4148	-8.876	-8.2796	-4.8672	-4.3371	-3.9494	-3.7789	-3.761	-3.99	-2.7142	-2.7350	-2.6738	-3.3871	-8.1196	-4.2963	-7.8984	-22.0604
SAFE	25	-21.8224	-18.1909	-21.5596	-9.6695	-12.330	-10.9476	-9.6861	-9.5836	-8.2875	-7.9487	-7.7195	-6.9780	-5.9198	-5.3	-4.9608	-4.9484	-5.0612	-5.2	-5.3	-5.4	-5.5	-5.6	-5.7	-5.8	-5.9	-6.0	-6.1	-6.2	-6.3	-6.4	-6.5	-6.6	-6.7	-6.8	-6.9	-7.0	-7.1
SAFE	30	-21.1951	-17.7348	-29.9396	-10.3944	-12.1939	-10.5929	-8.4039	-5.8904	-5.0404	-5.0367	-5.0180	-5.0289	-5.0893	-5.1478	-5.2205	-5.2715	-5.3493	-5.0947	-5.9426	-6.0333	-4.8933	-5.9802	-4.8183	-5.7131	-3.1146	-4.2241	-3.4872	-5.4199	-10.0080	-5.5936	-7.9639	-21.9051
SAFE	35	-20.7187	-17.3	-19.9	-10.9	-11.9	-10.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9	-9.9
SAFE	40	-20.1981	-16.8634	-19.1192	-9.9861	-11.9037	-9.4226	-9.6966	-7.8567	-7.1168	-5.2975	-5.0866	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
SAFE	45	-20.5844	-16.4236	-21.535	-9.5981	-12.0134	-9.5628	-6.4777	-5.1176	-1.6774	-1.3630	-1.1841	-0.9773	-0.1381	-0.0163	0.0671	-0.1861	-0.1773	-0.2399	-1.6153	-1.7547	-2.9019	-0.7887	-0.389	-0.4417	-0.2633	-0.3216	-0.2535	-0.515	-1.3679	-1.145	-0.768	-0.696	-0.6587	-1.9752	-0.5051	-7.9854	-0.5643
SAFE	50	-20.7464	-16.1506	-19.1128	-7.6297	-12.3543	-11.7187	-7.5364	-3.9996	-1.5135	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3
SAFE	55	-20.6574	-15.7386	-17.0634	-7.5391	-13.4847	-9.7096	-7.113	-3.5218	-0.6363	-0.456	-0.2399	-0.0462	-0.1212	-0.0933	0.363	-0.0881	-0.8551	-1.7763	-13.7931	-11.0434	-7.648	-0.2586	-1.6563	-1.6275	-7.8615	-11.1508	-9.973	-5.2409	-4.4726	-0.6455	-0.9008	-1.9032	-0.5174
SAFE	60	-20.3774	-15.305	-17.3126	-7.2104	-14.9038	-8.4972	-2.8105	-2.5215	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236	-2.5236
SAFE	65	-20.2636	-15.3602	-17.3596	-7.3662	-15.7988	-7.5535	-5.7652	-2.0183	-0.7565	-0.3998	-0.5033	-1.6836	-1.9916	-0.2965	-0.5118	0.5363	-2.8527	-7.4989	-13.0451	-10.4291	-7.5278	-8.3081	-6.3674	-4.6761	-6.9645	-8.0867	-7.4897	-6.1958	-3.0101	-2.7775	-5.4877	-8.1450	-7.7367	-21.9276	-4.6707	-8.9158	-20.7309
SAFE	70	-20.0463	-15.798	-17.9767	-7.9647	-16.0839	-7.7157	-6.5864	-2.1968	-0.5513	-0.4545	-0.7135	-1.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149
SAFE	75	-19.8993	-15.3144	-19.0968	-8.6336	-16.3647	-7.1034	-5.8845	-1.3968	-0.5513	-0.4545	-0.7135	-1.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149	-2.7149
SAFE	80	-19.8966	-15.2	-19.9	-8.9	-16.9	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	85	-19.9861	-15.1	-19.9	-9.1	-17.1	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	90	-20.1951	-15.1	-19.9	-9.2	-17.2	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	95	-20.4184	-15.2	-19.9	-9.3	-17.3	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	100	-20.6607	-15.3	-19.9	-9.4	-17.4	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	105	-20.9031	-15.4	-19.9	-9.5	-17.5	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	110	-21.2357	-15.5	-19.9	-9.6	-17.6	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	115	-21.5684	-15.6	-19.9	-9.7	-17.7	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	120	-21.9224	-15.7	-19.9	-9.8	-17.8	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	125	-22.2764	-15.8	-19.9	-9.9	-17.9	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	130	-22.6304	-15.9	-19.9	-10.0	-18.0	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	135	-22.9844	-16.0	-19.9	-10.1	-18.1	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	140	-23.3384	-16.1	-19.9	-10.2	-18.2	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	145	-23.6924	-16.2	-19.9	-10.3	-18.3	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	150	-24.0464	-16.3	-19.9	-10.4	-18.4	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	155	-24.4004	-16.4	-19.9	-10.5	-18.5	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	160	-24.7544	-16.5	-19.9	-10.6	-18.6	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	165	-25.1124	-16.6	-19.9	-10.7	-18.7	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	170	-25.4704	-16.7	-19.9	-10.8	-18.8	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	175	-25.8284	-16.8	-19.9	-10.9	-18.9	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	180	-26.1864	-16.9	-19.9	-11.0	-19.0	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	185	-26.5424	-17.0	-19.9	-11.1	-19.1	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	190	-26.8984	-17.1	-19.9	-11.2	-19.2	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	195	-27.2544	-17.2	-19.9	-11.3	-19.3	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	200	-27.6104	-17.3	-19.9	-11.4	-19.4	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	205	-27.9664	-17.4	-19.9	-11.5	-19.5	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	210	-28.3224	-17.5	-19.9	-11.6	-19.6	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	215	-28.6784	-17.6	-19.9	-11.7	-19.7	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	220	-28.9344	-17.7	-19.9	-11.8	-19.8	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	225	-29.1904	-17.8	-19.9	-11.9	-19.9	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	230	-29.4464	-17.9	-19.9	-12.0	-20.0	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	235	-29.7024	-18.0	-19.9	-12.1	-20.1	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	240	-29.9584	-18.1	-19.9	-12.2	-20.2	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	245	-30.2144	-18.2	-19.9	-12.3	-20.3	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	250	-30.4704	-18.3	-19.9	-12.4	-20.4	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	255	-30.7264	-18.4	-19.9	-12.5	-20.5	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	260	-30.9824	-18.5	-19.9	-12.6	-20.6	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	265	-31.2384	-18.6	-19.9	-12.7	-20.7	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	270	-31.4944	-18.7	-19.9	-12.8	-20.8	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	275	-31.7504	-18.8	-19.9	-12.9	-20.9	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	280	-32.0064	-18.9	-19.9	-13.0	-21.0	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	285	-32.2624	-19.0	-19.9	-13.1	-21.1	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	290	-32.5184	-19.1	-19.9	-13.2	-21.2	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	295	-32.7744	-19.2	-19.9	-13.3	-21.3	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	300	-33.0304	-19.3	-19.9	-13.4	-21.4	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	305	-33.2864	-19.4	-19.9	-13.5	-21.5	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	310	-33.5424	-19.5	-19.9	-13.6	-21.6	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	315	-33.7984	-19.6	-19.9	-13.7	-21.7	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	320	-34.0544	-19.7	-19.9	-13.8	-21.8	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
SAFE	325	-34.3104	-19.8	-19.9	-13.9	-21.9	-6.9	-5.9	-0.9	-0.5	-0.4	-0.7	-1.7	-2.7	-

Ant. Position：6G Ant.2_GAIN PHI

Frequency	Phi/Theta	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	-100	-110	-120	-130	-140	-150	-160	-170	-180
5925	0	-20.9747	-8.4051	-7.5812	-8.5879	-5.4094	-2.8657	-13.7454	-27.5138	-21.1586	-18.6497	-17.8157	-19.7176	-20.9975	-13.6176	-9.5952	-13.1896	-6.5458	-4.4465	-10.8056	-9.8854	-6.7168	-8.0522	-11.5127	-20.6028	-18.3146	-20.6941	-42.5031	-27.5256	-17.1777	-13.9175	-10.7795	-10.6799	-9.1369	-20.8339	-19.8956	-20.9747
5925	2	-21.0439	-8.4351	-8.0497	-7.8775	-5.0187	-3.9645	-13.7454	-27.5138	-21.1586	-18.6497	-17.8157	-19.7176	-20.9975	-13.6176	-9.5952	-13.1896	-6.5458	-4.2546	-10.0594	-10.4126	-7.5208	-7.9176	-12.2598	-21.6167	-15.0606	-22.6829	-15.5276	-11.5148	-12.6453	-15.2784	-14.7938	-9.8460	-10.1537	-9.1889	-9.0963	-8.4009	-17.9725
5925	4	-21.1126	-8.4462	-6.7995	-7.6778	-4.6742	-3.9228	-17.2930	-15.8527	-30.8523	-15.6282	-21.107	-35.2157	-24.4723	-18.8839	-19.7284	-12.0318	-6.1751	-8.1361	-9.9418	-12.2199	-7.9969	-9.3777	-11.2699	-22.6427	-13.5376	-11.5148	-12.6453	-15.2784	-14.7938	-9.8460	-10.1537	-9.1889	-9.0963	-8.4009	-17.9725	-20.3936	-21.1126
5925	6	-21.1985	-8.5134	-7.5814	-7.6474	-5.0993	-2.9138	-17.2930	-20.3676	-15.82	-17.7176	-14.5757	-20.9842	-25.9438	-17.0095	-19.3007	-19.1645	-12.0318	-6.1751	-8.1361	-9.9418	-12.2199	-7.9969	-9.3777	-11.2699	-22.6427	-13.5376	-11.5148	-12.6453	-15.2784	-14.5139	-9.8475	-8.6835	-7.2780	-8.7257	-7.3973	-16.4899	-20.8649
5925	8	-21.2422	-8.6713	-7.3809	-7.2822	-5.7143	-2.3176	-20.7635	-16.8035	-20.8629	-15.6427	-22.1352	-20.9996	-19.6274	-23.9364	-22.9464	-12.0387	-6.1238	-8.0429	-9.1859	-12.1037	-9.3356	-11.8417	-9.4846	-12.7164	-12.9964	-9.0359	-8.813	-10.7048	-14.9267	-8.1724	-8.4835	-7.2780	-8.7257	-7.3973	-16.4899	-20.8649	-21.2422
5925	10	-21.3212	-8.8965	-7.8476	-8.0739	-6.5612	-2.3176	-20.7635	-16.8035	-20.8629	-15.6427	-17.4836	-17.5128	-20.9036	-23.9364	-22.9464	-12.3367	-6.2389	-9.0982	-8.8432	-14.3928	-10.1212	-12.3328	-10.1212	-12.3328	-12.7126	-7.7986	-9.0218	-9.6852	-9.5852	-7.5835	-8.5864	-8.6847	-10.2226	-12.5774	-21.8122	-20.9036	-21.3212
5925	12	-21.3752	-9.067	-9.7379	-9.5073	-7.2527	-2.3659	-19.5882	-21.2547	-15.2226	-22.0871	-18.7727	-14.1212	-13.1324	-19.137	-24.9611	-12.5475	-6.3847	-6.2325	-9.5351	-15.2881	-10.8253	-14.5173	-7.8845	-9.6788	-12.7234	-9.7750	-7.7778	-8.7245	-14.2535	-7.8751	-10.0557	-8.2382	-9.1383	-8.3502	-11.8993	-21.9812	-21.3752
5925	14	-21.4264	-9.1488	-11.5801	-9.9016	-7.9576	-2.4138	-19.5882	-21.2547	-15.2226	-22.0871	-18.7727	-14.1212	-13.1324	-19.137	-24.9611	-12.5475	-6.3847	-6.2325	-9.5351	-15.2881	-10.8253	-14.5173	-7.8845	-9.6788	-12.7234	-9.7750	-7.7778	-8.7245	-14.2535	-7.8751	-10.0557	-8.2382	-9.1383	-8.3502	-11.8993	-21.9812	-21.4264
5925	16	-21.4858	-9.6051	-11.5801	-9.9016	-5.9656	-4.2738	-15.6406	-15.6426	-14.6276	-13.9276	-15.9136	-10.9546	-9.6278	-15.7807	-16.4096	-13.9191	-9.9805	-4.9651	-9.9351	-12.5727	-11.8767	-15.5192	-7.4880	-10.9817	-13.7932	-9.8905	-8.6458	-10.0847	-17.9456	-8.8313	-16.1962	-14.1414	-11.7376	-6.5385	-9.7427	-19.4846	-21.4858
5925	18	-21.5458	-10.0508	-16.915	-9.7901	-4.6439	-5.3239	-9.9845	-11.6496	-15.8656	-13.8150	-10.5780	-8.9975	-10.4511	-13.8166	-16.6851	-7.4134	-4.8956	-7.6488	-18.9871	-11.9865	-15.5195	-7.1351	-10.1638	-17.2336	-18.4855	-9.1094	-11.5306	-9.7414	-21.7136	-21.5509	-17.2736	-6.5346	-8.6477	-18.7636	-14.5678	-19.7636	-21.5458
5925	20	-21.5986	-10.4761	-21.7246	-8.7391	-5.8647	-2.7679	-10.2771	-10.3001	-8.6098	-7.7176	-9.7257	-7.7176	-9.7257	-8.6098	-10.3001	-10.2771	-2.7679	-5.8647	-8.7391	-21.7246	-10.4761	-21.5986	-8.6098	-10.3001	-10.2771	-2.7679	-5.8647	-8.7391	-21.7246	-10.4761	-21.5986	-8.6098	-10.3001	-10.2771	-2.7679	-5.8647	-8.7391
5925	22	-21.6451	-10.8373	-28.0252	-7.9652	-4.3444	-4.8496	-7.4410	-8.9615	-11.7244	-15.9372	-14.1176	-11.6256	-8.9865	-9.9967	-14.7987	-10.9494	-8.9387	-2.4933	-7.1998	-20.0399	-11.4427	-13.9498	-8.9393	-14.6938	-9.577	-7.2726	-10.5334	-15.9680	-10.7539	-10.7446	-15.7238	-17.2319	-11.9851	-4.8738	-6.9895	-18.3934	-21.6451
5925	24	-21.6927	-11.2921	-25.5577	-7.5174	-4.8559	-5.3239	-9.9845	-11.6496	-15.8656	-13.8150	-10.5780	-8.9975	-10.4511	-13.8166	-16.6851	-7.4134	-4.8956	-7.6488	-18.9871	-11.9865	-15.5195	-7.1351	-10.1638	-17.2336	-18.4855	-9.1094	-11.5306	-9.7414	-21.7136	-21.5509	-17.2736	-6.5346	-8.6477	-18.7636	-14.5678	-19.7636	-21.6927
5925	26	-21.7345	-11.8796	-17.4911	-9.8519	-4.6177	-4.0214	-5.3437	-9.9023	-11.8357	-15.7277	-17.1275	-14.1187	-8.0664	-9.3576	-16.4276	-17.5171	-10.9016	-8.2946	-6.7279	-15.8648	-10.7668	-15.8171	-11.7461	-13.4156	-15.0151	-7.1351	-10.1638	-17.2336	-18.4855	-9.1094	-11.5306	-9.7414	-21.7136	-21.5509	-17.2736	-6.5346	-8.6477
5925	28	-21.7799	-12.6363	-14.9151	-10.3502	-4.7884	-3.9157	-5.3437	-9.9023	-11.8357	-15.7277	-17.1275	-14.1187	-8.0664	-9.3576	-16.4276	-17.5171	-10.9016	-8.2946	-6.7279	-15.8648	-10.7668	-15.8171	-11.7461	-13.4156	-15.0151	-7.1351	-10.1638	-17.2336	-18.4855	-9.1094	-11.5306	-9.7414	-21.7136	-21.5509	-17.2736	-6.5346	-8.6477
5925	30	-21.8248	-12.7523	-11.7181	-5.3917	-8.6713	-2.9145	-6.1859	-15.9504	-13.9156	-15.9123	-17.3850	-12.5158	-9.2225	-11.6724	-20.6930	-11.5373	-9.5351	-6.253	-24.3891	-8.9214	-13.6802	-13.9181	-9.6917	-14.4351	-13.6538	-17.3857	-12.3387	-10.2473	-10.0138	-12.9867	-13.1087	-8.4914	-8.8116	-17.1127	-17.8349	-20.8248
5925	32	-21.8202	-12.9417	-12.0431	-10.0726	-5.279	-9.2252	-12.4456	-13.9504	-13.9156	-15.9123	-17.3850	-12.5158	-9.2225	-11.6724	-20.6930	-11.5373	-9.5351	-6.253	-24.3891	-8.9214	-13.6802	-13.9181	-9.6917	-14.4351	-13.6538	-17.3857	-12.3387	-10.2473	-10.0138	-12.9867	-13.1087	-8.4914	-8.8116	-17.1127	-17.8349	-20.8202
5925	34	-21.8287	-12.0660	-9.8227	-8.8099	-8.9167	-2.1383	-12.2930	-9.9648	-12.3539	-8.8877	-11.5139	-12.1814	-9.0570	-10.8258	-12.2814	-10.8530	-10.9159	-8.9779	-27.4293	-7.2893	-13.4362	-12.9490	-15.9922	-4.7239	-18.2190	-13.9777	-12.0237	-11.9209	-11.7509	-11.8423	-14.5806	-10.2662	-7.9882	-4.963	-11.5457	-22.8297	-21.8287
5925	36	-21.8331	-11.0860	-9.2150	-6.4561	-7.1479	-8.3602	-9.2907	-9.9648	-12.3539	-8.8877	-11.5139	-12.1814	-9.0570	-10.8258	-12.2814	-10.8530	-10.9159	-8.9779	-27.4293	-7.2893	-13.4362	-12.9490	-15.9922	-4.7239	-18.2190	-13.9777	-12.0237	-11.9209	-11.7509	-11.8423	-14.5806	-10.2662	-7.9882	-4.963	-11.5457	-22.8297	-21.8331
5925	38	-21.8305	-13.0363	-8.9439	-7.2644	-5.5298	-5.2617	-0.7240	-9.0885	-12.8737	-7.7967	-7.9314	-10.9885	-18.23	-9.8430	-9.874	-15.8396	-9.7611	-12.4166	-5.737	-7.9723	-8.9443	-13.5798	-11.7146	-11.8575	-7.9138	-10.3986	-9.9963	-9.1131	-7.9144	-8.1514	-12.5226	-12.7082	-27.4711	-8.7762	-5.4773	-11.8642	-21.8305
5925	40	-21.8252	-12.8576	-8.9439	-7.2644	-5.5298	-5.2617	-0.7240	-9.0885	-12.8737	-7.7967	-7.9314	-10.9885	-18.23	-9.8430	-9.874	-15.8396	-9.7611	-12.4166	-5.737	-7.9723	-8.9443	-13.5798	-11.7146	-11.8575	-7.9138	-10.3986	-9.9963	-9.1131	-7.9144	-8.1514	-12.5226	-12.7082	-27.4711	-8.7762	-5.4773	-11.8642	-21.8305
5925	42	-21.8017	-12.3954	-8.9439	-7.2644	-5.2022	-5.9038	-9.2907	-12.5158	-12.5158	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-9.2225	-21.8017
5925	44	-21.7676	-11.9605	-11.3831	-10.2518	-7.1716	-8.9946	-2.8905	-7.0840	-19.0814	-15.0021	-13.9190	-11.7187	-13.4182	-13.5936	-9.6602	-17.2440	-6.0426	-12.9846	-2.6846	-13.9656	-9.7890	-7.5351	-14.6138	-17.0262	-9.7875	-16.1517	-10.3963	-13.9574	-11.7001	-7.5874	-14.8124	-8.2986	-9.8556	-10.5347	-10.9963	-21.7676
5925	46	-21.7281	-11.1627	-7.1673	-10.6895	-5.9235	-5.8656	-3.6727	-8.9858	-17.9791	-11.9562	-14.2338	-11.7875	-15.0860	-12.7930	-7.12	-15.6429	-6.2958	-15.0970	-5.5487	-15.2658	-8.1337	-12.9489	-13.9787	-5.6395	-5.8425	-10.7495	-17.0935	-10.5266	-13.0435	-12.1493	-7.2984	-16.4809	-21.7281
5925	48	-21.6924	-11.3152	-7.8772	-11.0725	-6.0684	-5.9558	-3.6727	-8.9858	-17.9791	-11.9562	-14.2338	-11.7875	-15.0860	-12.7930	-7.12	-15.6429	-6.2958	-15.0970	-5.5487	-15.2658	-8.1337	-12.9489	-13.9787	-5.6395	-5.8425	-10.7495	-17.0935	-10.5266	-13.0435	-12.1493	-7.2984	-16.4809	-21.7281
5925	50	-21.6609	-10.9930	-7.3656	-11.5037	-11.0088	-2.7996	-3.9934	-11.5327	-17.5275	-11.7277	-14.1187	-8.0664	-9.3576	-16.4276	-17.5171	-10.9016	-8.2946	-6.7279	-15.8648	-10.7668	-15.8171	-11.7461	-13.4156	-15.0151	-7.1351	-10.1638	-17.2336	-18.4855	-9.1094	-11.5306	-9.7414	-21.7136	-21.5509	-17.2736	-6.5346	-8.6477	-21.6609
5925	52	-21.6624	-11.0495	-2.7589	-11.8858	-11.5354	-2.6852	-3.9829	-10.6134	-13.9509	-13.9852	-9.6804	-10.8862	-13.9	-13.5128	-13.6276	-9.7896	-9.5033	-13.0225	-5.2471	-8.0139	-8.8979	-12.5373	-7.8348	-8.5382	-8.1287	-9.7225	-8.6646	-12.5127	-8.7048	-8.5382	-8.1287	-9.7225	-8.6646	-12.5127	-8.7048	-8.5382	-21.6624
5925	54	-21.6642	-10.4368	-8.9938	-11.9964	-1.6917	-3.0667	-3.7466	-7.3436	-8.9877	-14.7131	-13.5541	-8.708	-13.5662	-9.5838	-10.5217	-13.1937	-9.6945	-13.9842	-5.274	-10.9758	-7.1988	-13.5403	-18.9575	-4.182	-9.3675	-9.5190	-14.7456	-8.107	-10.7975	-9.394	-14.3139	-10.1787	-7.8881	-13.1227	-7.7115	-14.9247	-21.6642
5925	56	-21.6679	-10.9195	-9.9642	-11.5680	-2.4139	-3.2176	-3.7466	-7.3436	-8.9877	-14.7131	-13.5541	-8.708	-13.5662	-9.5838	-10.5217	-13.1937	-9.6945	-13.9842	-5.274	-10.9758	-7.1988	-13.5403	-18.9575	-4.182	-9.3675	-9.5190	-14.7456	-8.107	-10.7975	-9.394	-14.3139	-10.1787	-7.8881	-13.1227	-7.7115	-14.9247	-21.6679
5925	58	-21.6745	-11.4427	-9.8841	-10.9867	-3.7264	-3.9157	-3.7466	-7.3436	-8.9877	-14.7131	-13.5541	-8.708	-13.5662	-9.5838	-10.5217	-13.1937	-9.6945	-13.9842	-5.274	-10.9758	-7.1988	-13.5403	-18.9575	-4.182	-9.3675	-9.5190	-14.7456	-8.107	-10.7975	-9.394	-14.3139	-10.1787	-7.8881	-13.1227	-7.7115	-14.9247	-21.6745
5925	60	-21.6811	-11.9303	-14.4391	-8.0930	-2.6555	-3.2227	-15.1944	-29.9857	-14.2038	-20.9359	-5.7709	-5.6478	-5.7709	-20.9359	-14.2038	-29.9857	-15.1944	-3.2227	-2.6555	-8.0930	-14.4391	-11.9303	-21.6811	-11.9303	-14.4391	-8.0930	-2.6555	-3.2227	-15.1944	-29.9857	-14.2038	-20.9359	-5.7709	-5.6478	-5.7709	-20.9359	-21.6811
5925	62	-21.6877	-12.4577	-17.9841	-7.5579	-7.9142	-2.9109	-20.5610	-5.6575	-5.7709	-7.6967	-17.9188	-7.2817	-17.2165	-5.5986	-15.5187	-10.3976	-9.6942	-10.1243	-8.415	-11.9836	-17.2175	-9.5275	-9.9236	-9.7634	-8.2968	-8.5135	-13.9966	-9.7623	-8.6463	-6.9295	-7.5398	-16.7107	-7.2138	-5.5329	-17.5175	-21.3017	-21.6877
5925	64	-21.6944	-13.2921	-12.9080	-7.5579	-7.9142	-2.9109	-20.5610	-5.6575	-5.7709	-7.6967	-17.9188	-7.2817	-17.2165	-5.5986	-15.5187	-10.3976	-9.6942	-10.1243	-8.415	-11.9836	-17.2175	-9.5275	-9.9236	-9.7634	-8.2968	-8.5135	-13.9966	-9.7623	-8.6463	-6.9295	-7.5398	-16.7107	-7.2138	-5.5329	-17.5175	-21.3017	-21.6944
5925	66	-21.7010	-14.5487	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7010
5925	68	-21.7076	-15.0363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7076
5925	70	-21.7128	-15.6487	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7128
5925	72	-21.7179	-16.2363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7179
5925	74	-21.7229	-16.8279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7229
5925	76	-21.7280	-17.4363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7280
5925	78	-21.7330	-18.0279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7330
5925	80	-21.7381	-18.6363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7381
5925	82	-21.7431	-19.2279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7431
5925	84	-21.7482	-19.8363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7482
5925	86	-21.7532	-20.4279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7532
5925	88	-21.7583	-21.0363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7583
5925	90	-21.7633	-21.6279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7633
5925	92	-21.7684	-22.2363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7684
5925	94	-21.7734	-22.8279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7734
5925	96	-21.7785	-23.4363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7785
5925	98	-21.7835	-24.0279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7835
5925	100	-21.7886	-24.6363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7886
5925	102	-21.7936	-25.2279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7936
5925	104	-21.7987	-25.8363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.7987
5925	106	-21.8037	-26.4279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.8037
5925	108	-21.8088	-27.0363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.8088
5925	110	-21.8138	-27.6279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.8138
5925	112	-21.8189	-28.2363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.8189
5925	114	-21.8239	-28.8279	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.6151	-11.5745	-11.2704	-11.5745	-11.2704	-7.6248	-8.195	-5.0838	-5.3275	-5.8415	-21.8239
5925	116	-21.8290	-29.4363	-13.9198	-4.3567	-10.9275	-9.9158	-2.7004	-10.1865	-15.8651	-7.9077	-5.0838	-11.2376	-13.5514	-16.3984	-8.9311	-11.1397	-11.2427	-7.4849	-17.9245	-21.5085	-5.8415	-5.3275	-5.0838	-8.195	-7.6248	-7.7327	-7.

Ant. Position：6G Ant.2_GAIN THETA

Frequency	Phi/Theta	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180
5450	0	-22.7448	-16.2969	-4.9391	-15.0414	-8.2867	-5.1447	-9.9399	-5.9511	-3.6614	-4.6564	-5.8746	-8.5377	-11.3237	-12.4189	-8.4426	-4.1866	-0.3369	-1.0459	-0.6484	-0.5991	-1.2879	-1.0182	-0.8659	-0.9151	-0.2839	-0.8886	-0.832	-0.9869	-1.791	-2.2211	-5.5341	-7.546	-8.7796	-15.9849	-16.5965	-22.7448
5450	5	-22.6655	-16.3067	-5.0656	-15.2819	-8.5106	-5.4648	-9.8198	-5.9114	-3.7347	-3.9907	-5.5834	-7.5586	-9.9337	-12.5361	-8.7126	-4.6248	-1.6647	-1.5894	-0.8019	-0.4754	-1.0746	-0.8471	-0.7091	-0.3386	-0.7886	-1.9714	-0.7589	-1.1984	-0.9271	-0.141	-5.5362	-4.6447	-6.7980	-8.5365	-15.5081	-16.3942	-22.6655
5450	10	-22.5317	-16.4296	-5.1849	-15.5127	-8.7346	-5.7849	-9.7057	-5.9717	-3.8079	-3.3242	-5.3922	-6.5614	-8.5488	-12.6833	-8.9779	-5.0991	-2.9375	-2.0423	-1.0164	-0.3359	-0.8746	-0.7146	-0.5456	-0.5012	-1.2017	-3.0143	-0.7146	-1.3176	-2.0146	-0.5012	-5.0157	-2.5117	-5.1104	-8.1956	-15.0154	-16.2468	-22.5317
5450	15	-22.4391	-16.5490	-5.3469	-15.6127	-8.9119	-5.9906	-9.6151	-6.0237	-3.8767	-2.7875	-4.8139	-5.9153	-7.5923	-12.7879	-9.2168	-5.5651	-4.2025	-2.5179	-1.2446	-0.2383	-0.7175	-0.5966	-0.4167	-0.6912	-1.2557	-2.5103	-0.5104	-1.5106	-3.0346	-0.9306	-4.6357	-1.7876	-3.6847	-7.5197	-14.5966	-16.1877	-22.4391
5450	20	-22.3051	-16.6657	-5.5179	-15.7127	-9.0819	-6.2069	-9.5217	-6.0757	-3.9455	-2.3025	-4.0139	-5.4193	-7.5923	-12.8879	-9.4557	-6.1309	-5.4029	-3.0179	-1.4259	-0.2383	-0.5175	-0.4966	-0.3167	-0.8912	-1.2557	-2.0103	-0.3104	-1.7106	-3.4346	-1.2306	-3.7147	-2.7846	-4.8725	-8.99	-14.0032	-16.0246	-22.3051
5450	25	-22.2038	-16.7857	-5.7257	-15.8259	-9.2573	-6.5990	-10.9438	-10.6056	-8.674	-8.6953	-15.0812	-11.731	-10.5527	-8.2115	-9.0939	-6.9814	-5.8309	-3.2989	-9.9154	-9.3379	-11.7251	-5.7848	-2.2803	-2.2153	-3.2131	-4.6364	-4.731	-1.964	-0.3849	-0.4946	-0.4101	-5.2203	-9.7821	-8.035	-9.4114	-17.0359	-22.2038
5450	30	-21.3381	-17.9048	-5.9948	-15.9453	-10.8426	-9.7650	-10.8546	-11.7158	-9.7406	-7.6604	-9.7158	-9.5976	-9.5816	-9.7307	-5.8076	-7.2376	-5.366	-3.7092	-11.0816	-6.4406	-10.138	-6.4277	-1.4844	-2.3016	-4.3115	-4.1172	-3.3068	-0.8678	-0.056	-3.8627	-9.0356	-5.0703	-10.6806	-8.0627	-9.0706	-17.0845	-21.3381
5450	35	-22.2968	-18.1501	-5.7815	-16.3865	-11.7098	-12.5621	-8.7727	-7.5034	-8.5845	-7.0351	-8.4309	-9.9652	-7.868	-8.3909	-6.9816	-9.7307	-5.8076	-7.2376	-15.0497	-9.6701	-11.6416	-5.460	-5.6174	-5.7771	-3.7243	-4.5037	-5.8846	-1.4343	-1.1177	-2.0004	-5.0817	-4.8753	-10.4734	-8.0239	-8.7726	-17.1837	-22.2968
5450	40	-22.7449	-18.5242	-5.6211	-16.8563	-12.7011	-12.7224	-7.9149	-6.9239	-7.9149	-6.4239	-7.9149	-9.4239	-7.9149	-7.9149	-6.4239	-9.4239	-5.9149	-7.4239	-15.4239	-9.9149	-11.4239	-5.4239	-5.9149	-5.4239	-3.9149	-4.4239	-5.9149	-1.4239	-1.9149	-2.4239	-5.9149	-4.4239	-10.9149	-7.4239	-7.9149	-17.4239	-22.7449
5450	45	-23.2188	-18.9037	-5.4576	-17.3763	-13.2221	-13.1351	-10.9825	-9.0004	-7.1413	-9.0904	-9.6506	-9.6126	-9.7103	-5.9952	-6.4126	-10.5041	-6.4463	-11.4317	-14.4857	-10.5484	-11.6768	-6.0506	-5.1161	-7.0054	-3.8863	-3.5642	-9.6547	-4.603	-3.6196	-2.0315	-2.4941	-5.4133	-8.6677	-7.3251	-8.1324	-16.6925	-22.2188
5450	50	-22.1604	-19.2786	-5.2386	-17.8563	-13.7098	-13.6351	-12.4825	-11.5317	-9.1413	-9.0904	-9.6506	-9.6126	-9.7103	-9.9952	-6.4126	-10.5041	-6.4463	-11.4317	-14.4857	-10.5484	-11.6768	-6.0506	-5.1161	-7.0054	-3.8863	-3.5642	-9.6547	-4.603	-3.6196	-2.0315	-2.4941	-5.4133	-8.6677	-7.3251	-8.1324	-16.6925	-22.1604
5450	55	-22.1817	-19.6737	-4.9867	-18.3763	-14.2554	-14.3677	-12.9351	-11.9839	-6.5717	-5.5729	-5.6507	-6.6506	-6.6507	-8.0516	-7.6506	-7.6506	-8.6506	-7.1088	-11.5081	-12.7154	-11.5432	-13.5086	-8.2756	-6.7356	-5.7595	-5.5991	-1.9464	-6.1176	-11.7507	-0.0146	-3.985	-5.7177	-9.9856	-9.0251	-9.4931	-16.6468	-22.1817
5450	60	-22.1145	-19.9309	-4.6213	-18.8143	-14.7779	-15.0003	-13.4351	-12.4839	-6.9717	-5.9729	-5.9507	-6.9506	-6.9507	-8.3516	-7.9506	-7.9506	-8.9506	-7.3088	-11.9081	-13.1154	-11.9432	-13.9086	-8.6756	-7.0356	-6.0595	-5.8991	-2.3464	-6.5176	-11.9507	-0.4146	-4.385	-6.0177	-10.2856	-9.4251	-9.8931	-16.8468	-22.1145
5450	80	-22.2897	-19.9923	-4.5613	-18.5317	-15.6612	-8.7887	-11.4211	-7.9835	-7.0829	-9.9515	-5.6229	-9.6586	-5.5290	-5.7287	-9.9292	-8.6472	-7.8197	-10.8753	-13.0089	-12.2331	-11.537	-6.4833	-3.902	-4.8603	-1.1477	-4.0924	-5.746	-12.3605	-7.9918	-4.5122	-5.1257	-8.9657	-12.7893	-8.9696	-7.9294	-16.5363	-22.2897
5450	85	-22.0883	-19.9384	-4.428	-11.4851	-9.5634	-9.7187	-11.2442	-7.3779	-7.7811	-9.2029	-5.3779	-9.3029	-5.3029	-5.3029	-9.3029	-8.3029	-7.3029	-10.3029	-13.3029	-12.3029	-11.3029	-6.3029	-3.3029	-4.3029	-1.3029	-4.3029	-5.3029	-12.3029	-7.9918	-4.5122	-5.1257	-8.9657	-12.7893	-8.9696	-7.9294	-16.5363	-22.0883
5450	90	-22.0755	-20.0012	-4.7937	-10.3937	-7.7873	-7.5187	-7.9908	-6.9508	-6.9508	-6.6308	-6.9437	-6.7685	-7.9016	-9.6167	-8.0314	-10.0861	-12.0861	-13.0861	-13.0861	-12.0861	-10.0861	-7.0861	-4.0861	-3.0861	-2.0861	-3.0861	-4.0861	-6.0861	-9.8486	-8.4437	-7.6446	-8.9908	-10.7187	-7.7535	-10.9979	-20.0235
5450	95	-22.0968	-19.7186	-5.1186	-9.9176	-6.4718	-6.6186	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-6.9176	-22.0968
5450	100	-22.1665	-19.4416	-5.1437	-9.7012	-5.5119	-5.5699	-6.9638	-6.6817	-11.7605	-11.3033	-11.7876	-10.0916	-8.6337	-7.0939	-10.7649	-11.7153	-8.7867	-10.9613	-15.0461	-16.1035	-13.5134	-8.2818	-4.3511	-8.9853	-2.8641	-3.6029	-8.2135	-17.9994	-14.0715	-8.9426	-8.5275	-8.9826	-15.9512	-9.3862	-7.9534	-18.5791	-22.1665
5450	105	-22.2273	-19.1094	-5.2413	-9.8228	-4.8889	-5.7628	-7.0639	-7.3028	-12.7435	-13.3136	-13.9309	-13.3136	-12.3136	-11.3136	-14.3136	-15.3136	-12.3136	-14.3136	-18.3136	-19.3136	-17.3136	-12.3136	-8.3136	-12.3136	-5.3136	-6.3136	-11.3136	-21.3136	-16.9151	-10.8411	-11.8623	-9.2254	-17.4171	-9.9425	-8.1819	-19.8439	-22.0273
5450	110	-22.2018	-19.4918	-4.4231	-5.0906	-4.4329	-5.0906	-4.4329	-5.0906	-9.9018	-11.9931	-10.6907	-8.1847	-7.1347	-11.5685	-11.7096	-9.6709	-11.1338	-12.7476	-12.9809	-12.1338	-12.7476	-12.4126	-15.3805	-10.2612	-5.9861	-12.2871	-3.7239	-7.5423	-10.0107	-14.6248	-5.7475	-9.9152	-9.8421	-10.5499	-8.6125	-20.1909	-22.0018
5450	115	-22.1665	-19.8409	-4.4807	-4.4852	-4.9630	-5.4329	-7.7632	-7.3628	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-22.1665
5450	120	-22.1665	-19.8409	-4.4807	-4.4852	-4.9630	-5.4329	-7.7632	-7.3628	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-22.1665
5450	125	-22.2273	-19.1094	-5.2413	-9.8228	-4.8889	-5.7628	-7.0639	-7.3028	-12.7435	-13.3136	-13.9309	-13.3136	-12.3136	-11.3136	-14.3136	-15.3136	-12.3136	-14.3136	-18.3136	-19.3136	-17.3136	-12.3136	-8.3136	-12.3136	-5.3136	-6.3136	-11.3136	-21.3136	-16.9151	-10.8411	-11.8623	-9.2254	-17.4171	-9.9425	-8.1819	-19.8439	-22.0273
5450	130	-22.2018	-19.4918	-4.4231	-5.0906	-4.4329	-5.0906	-4.4329	-5.0906	-9.9018	-11.9931	-10.6907	-8.1847	-7.1347	-11.5685	-11.7096	-9.6709	-11.1338	-12.7476	-12.9809	-12.1338	-12.7476	-12.4126	-15.3805	-10.2612	-5.9861	-12.2871	-3.7239	-7.5423	-10.0107	-14.6248	-5.7475	-9.9152	-9.8421	-10.5499	-8.6125	-20.1909	-22.0018
5450	135	-22.1665	-19.8409	-4.4807	-4.4852	-4.9630	-5.4329	-7.7632	-7.3628	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-8.9636	-22.1665
5450	140	-22.1145	-19.9309	-4.6213	-18.8143	-14.7779	-15.0003	-13.4351	-12.4839	-6.9717	-5.9729	-5.9507	-6.9506	-6.9507	-8.3516	-7.9506	-7.9506	-8.9506	-7.3088	-11.9081	-13.1154	-11.9432	-13.9086	-8.6756	-7.0356	-6.0595	-5.8991	-2.3464	-6.5176	-11.9507	-0.4146	-4.385	-6.0177	-10.2856	-9.4251	-9.8931	-16.8468	-22.1145
5450	145	-22.1817	-19.6737	-4.9867	-18.3763	-14.2554	-14.3677	-12.9351	-11.9839	-6.5717	-5.5729	-5.6507	-6.6506	-6.6507	-8.0516	-7.6506	-7.6506	-8.6506	-7.1088	-11.5081	-12.7154	-11.5432	-13.5086	-8.2756	-6.7356	-5.7595	-5.5991	-1.9464	-6.1176	-11.7507	-0.0146	-3.985	-5.7177	-9.9856	-9.0251	-9.4931	-16.6468	-22.1817
5450	150	-22.2968	-18.1501	-5.7815	-16.3865	-11.7098	-12.5621	-8.7727	-7.5034	-8.5845	-7.0351	-8.4309	-9.9652	-7.868	-8.3909	-6.9816	-9.7307	-5.8076	-7.2376	-15.0497	-9.6701	-11.6416	-5.460	-5.6174	-5.7771	-3.7243	-4.5037	-5.8846	-1.4343	-1.1177	-2.0004	-5.0817	-4.8753	-10.4734	-8.0239	-8.7726	-17.1837	-22.2968
5450	155	-23.2188	-18.9037	-5.4576	-17.3763	-13.2221	-13.1351	-10.9825	-9.0004	-7.1413	-9.0904	-9.6506	-9.6126	-9.7103	-9.9952	-6.4126	-10.5041	-6.4463	-11.4317	-14.4857	-10.5484	-11.6768	-6.0506	-5.1161	-7.0054	-3.8863	-3.5642	-9.6547	-4.603	-3.6196	-2.0315	-2.4941	-5.4133	-8.6677	-7.3251	-8.1324	-16.6925	-22.2188
5450	160	-22.1604	-19.2786	-5.2386	-17.8563	-13.7098	-13.6351	-12.4825	-11.5317	-9.1413	-9.0904	-9.6506	-9.6126	-9.7103	-9.9952	-6.4126	-10.5041	-6.4463	-11.4317	-14.4857	-10.5484	-11.6768	-6.0506	-5.1161	-7.0054	-3.8863	-3.5642	-9.6547	-4.603	-3.6196	-2.0315	-2.4941	-5.4133	-8.6677	-7.3251	-8.1324	-16.6925	-22.1604
5450	165	-22.1817	-19.6737	-4.9867	-18.3763	-14.2554	-14.3677	-12.9351	-11.9839	-6.5717	-5.5729	-5.6507	-6.6506	-6.6507	-8.0516	-7.6506	-7.6506	-8.6506	-7.1088	-11.5081	-12.7154	-11.5432	-13.5086	-8.2756	-6.7356	-5.7595	-5.5991	-1.9464	-6.1176	-11.7507	-0.0146	-3.985	-5.7177	-9.9856	-9.0251	-9.4931	-16.6468	-22.1817
5450	170	-22.2897	-19.9923	-4.5613	-18.5317	-15.6612	-8.7887	-11.4211	-7.9835	-7.0829	-9.9515	-5.6229	-9.6586	-5.5290	-5.7287	-9.9292	-8.6472	-7.8197	-10.8753	-13.0089	-12.2331	-11.537	-6.4833	-3.902	-4.8603	-1.1477	-4.0924	-5.746	-12.3605	-7.9918	-4.5122	-5.1257	-8.9657	-12.7893	-8.9696	-7.9294	-16.5363	-22.2897
5450	175	-22.3381	-17.9048	-5.9948	-15.9453	-10.8426	-9.7650	-10.8546	-11.7158	-9.7406	-7.6604	-9.7158	-9.5976	-9.5816	-9.7307	-5.8076	-7.2376	-5.366	-3.7092	-11.0816	-6.4406	-10.138	-6.4277	-1.4844	-2.3016	-4.3115	-4.1172	-3.3068	-0.8678	-0.056	-3.8627	-9.0356	-5.0703	-10.6806	-8.0627	-9.0706	-17.0845	-21.3381
5450	180	-22.7448	-16.2969	-4.9391	-15.0414	-8.2867	-5.1447	-9.9399	-5.9511	-3.6614	-4.6564	-5.8746	-8.5377	-11.3237	-12.4189	-8.4426	-4.1866	-0.3369	-1.0459	-0.6484	-0.5991	-1.2879	-1.0182	-0.8659	-0.9151	-0.2839	-0.8886	-0.832	-0.9869	-1.791	-2.2211	-5.5341	-7.546	-8.7796	-15.9849	-16.5965	-22.7448

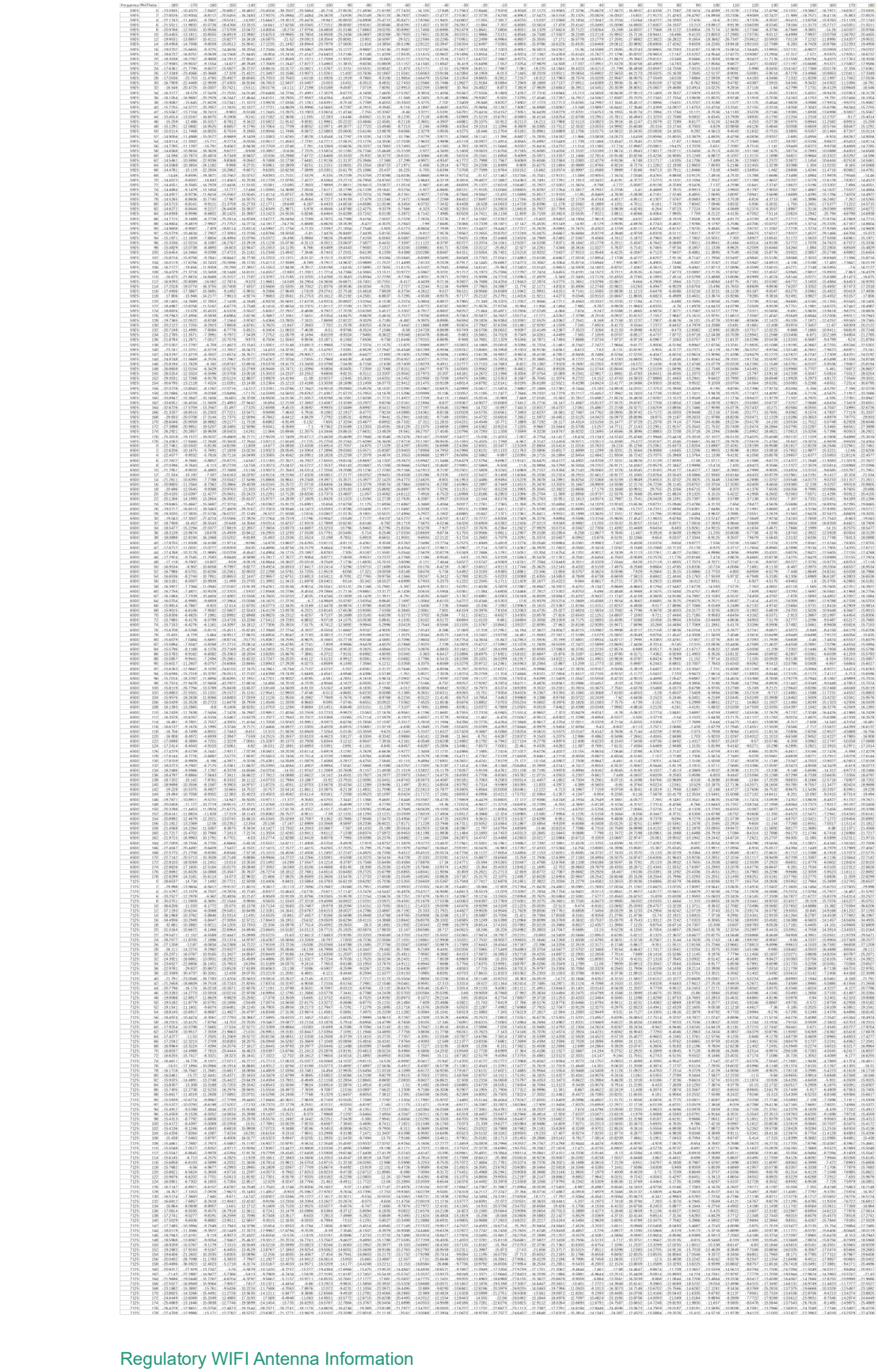
Ant. Position：6G Ant.3_GAIN PHI

| Freq:array | Phi:Theta | [-180] | [-179] | [-178] | [-177] | [-176] | [-175] | [-174] | [-173] | [-172] | [-171] | [-170] | [-169] | [-168] | [-167] | [-166] | [-165] | [-164] | [-163] | [-162] | [-161] | [-160] | [-159] | [-158] | [-157] | [-156] | [-155] | [-154] | [-153] | [-152] | [-151] | [-150] | [-149] | [-148] | [-147] | [-146] | [-145] | [-144] | [-143] | [-142] | [-141] | [-140] | [-139] | [-138] | [-137] | [-136] | [-135] | [-134] | [-133] | [-132] | [-131] | [-130] | [-129] | [-128] | [-127] | [-126] | [-125] | [-124] | [-123] | [-122] | [-121] | [-120] | [-119] | [-118] | [-117] | [-116] | [-115] | [-114] | [-113] | [-112] | [-111] | [-110] | [-109] | [-108] | [-107] | [-106] | [-105] | [-104] | [-103] | [-102] | [-101] | [-100] | [-99] | [-98] | [-97] | [-96] | [-95] | [-94] | [-93] | [-92] | [-91] | [-90] | [-89] | [-88] | [-87] | [-86] | [-85] | [-84] | [-83] | [-82] | [-81] | [-80] | [-79] | [-78] | [-77] | [-76] | [-75] | [-74] | [-73] | [-72] | [-71] | [-70] | [-69] | [-68] | [-67] | [-66] | [-65] | [-64] | [-63] | [-62] | [-61] | [-60] | [-59] | [-58] | [-57] | [-56] | [-55] | [-54] | [-53] | [-52] | [-51] | [-50] | [-49] | [-48] | [-47] | [-46] | [-45] | [-44] | [-43] | [-42] | [-41] | [-40] | [-39] | [-38] | [-37] | [-36] | [-35] | [-34] | [-33] | [-32] | [-31] | [-30] | [-29] | [-28] | [-27] | [-26] | [-25] | [-24] | [-23] | [-22] | [-21] | [-20] | [-19] | [-18] | [-17] | [-16] | [-15] | [-14] | [-13] | [-12] | [-11] | [-10] | [-9] | [-8] | [-7] | [-6] | [-5] | [-4] | [-3] | [-2] | [-1] | [0] | [1] | [2] | [3] | [4] | [5] | [6] | [7] | [8] | [9] | [10] | [11] | [12] | [13] | [14] | [15] | [16] | [17] | [18] | [19] | [20] | [21] | [22] | [23] | [24] | [25] | [26] | [27] | [28] | [29] | [30] | [31] | [32] | [33] | [34] | [35] | [36] | [37] | [38] | [39] | [40] | [41] | [42] | [43] | [44] | [45] | [46] | [47] | [48] | [49] | [50] | [51] | [52] | [53] | [54] | [55] | [56] | [57] | [58] | [59] | [60] | [61] | [62] | [63] | [64] | [65] | [66] | [67] | [68] | [69] | [70] | [71] | [72] | [73] | [74] | [75] | [76] | [77] | [78] | [79] | [80] | [81] | [82] | [83] | [84] | [85] | [86] | [87] | [88] | [89] | [90] | [91] | [92] | [93] | [94] | [95] | [96] | [97] | [98] | [99] | [100] | [101] | [102] | [103] | [104] | [105] | [106] | [107] | [108] | [109] | [110] | [111] | [112] | [113] | [114] | [115] | [116] | [117] | [118] | [119] | [120] | [121] | [122] | [123] | [124] | [125] | [126] | [127] | [128] | [129] | [130] | [131] | [132] | [133] | [134] | [135] | [136] | [137] | [138] | [139] | [140] | [141] | [142] | [143] | [144] | [145] | [146] | [147] | [148] | [149] | [150] | [151] | [152] | [153] | [154] | [155] | [156] | [157] | [158] | [159] | [160] | [161] | [162] | [163] | [164] | [165] | [166] | [167] | [168] | [169] | [170] | [171] | [172] | [173] | [174] | [175] | [176] | [177] | [178] | [179] | [180] |
|---|---|---

Ant. Position：6G Ant.3_GAIN THETA

Freq/angle	180	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
5400	0	-30.4331	-31.9867	-34.457	-38.7571	-46.7909	-48.0803	-51.7731	-54.1603	-57.9381	-57.1715	-57.9836	-60.4183	-72.9145	-103.0137	-103.8375	-101.7317	-73.0314	-61.6751	-73.9966	-103.9147	-103.0109	-72.9145	-60.4183	-57.9836	-57.1715	-57.9381	-54.1603	-51.7731	-48.0803	-46.7909	-38.4571	-34.457	-31.9867	-30.4331	0
5400	2	-29.4857	-32.8896	-36.3199	-38.6769	-46.9272	-53.1214	-51.7623	-51.6752	-52.0341	-53.9381	-58.0517	-64.5341	-73.0199	-98.5651	-103.5319	-99.9373	73.0617	-61.5337	-63.9919	-83.4602	-73.1635	-73.9646	-73.5251	-73.7965	-80.4513	-73.1712	-73.4896	-73.9181	-73.4172	-98.5832	-73.494	-54.4672	-50.9261	-54.6161	-29.4857
5400	4	-28.4606	-33.3632	-37.5558	-38.6754	-46.7578	-54.6763	-48.26	-53.5691	-52.4954	-54.3961	-54.6031	-64.4039	-73.7221	-89.6714	-103.2569	-93.7033	-73.0184	-61.5254	-74.7996	-83.8648	-73.0267	-73.5176	-73.0895	-73.1132	-73.2817	-73.5463	-73.1875	-73.2617	-73.0663	-73.1939	-73.0867	-54.4672	-50.9261	-54.5199	-28.4606
5400	6	-27.7831	-32.7214	-38.5779	-51.7772	-49.7967	-54.6408	-52.4235	-52.1151	-52.6394	-53.3607	-53.4603	-58.3787	-73.4237	-83.3078	-63.6361	-73.0184	-61.5254	-73.9966	-83.8648	-73.0267	-73.5176	-73.0895	-73.1132	-73.2817	-73.5463	-73.1875	-73.2617	-73.0663	-73.1939	-73.0867	-54.4672	-50.9261	-54.5199	-27.7831	-28.4606
5400	8	-27.7831	-32.7214	-38.5779	-51.7772	-49.7967	-54.6408	-52.4235	-52.1151	-52.6394	-53.3607	-53.4603	-58.3787	-73.4237	-83.3078	-63.6361	-73.0184	-61.5254	-73.9966	-83.8648	-73.0267	-73.5176	-73.0895	-73.1132	-73.2817	-73.5463	-73.1875	-73.2617	-73.0663	-73.1939	-73.0867	-54.4672	-50.9261	-54.5199	-27.7831	-28.4606
5400	10	-28.4606	-33.3632	-37.5558	-38.6754	-46.7578	-54.6763	-48.26	-53.5691	-52.4954	-54.3961	-54.6031	-64.4039	-73.7221	-89.6714	-103.2569	-93.7033	-73.0184	-61.5254	-74.7996	-83.8648	-73.0267	-73.5176	-73.0895	-73.1132	-73.2817	-73.5463	-73.1875	-73.2617	-73.0663	-73.1939	-73.0867	-54.4672	-50.9261	-54.5199	-28.4606
5400	12	-29.4857	-32.8896	-36.3199	-38.6769	-46.9272	-53.1214	-51.7623	-51.6752	-52.0341	-53.9381	-58.0517	-64.5341	-73.0199	-98.5651	-103.5319	-99.9373	73.0617	-61.5337	-63.9919	-83.4602	-73.1635	-73.9646	-73.5251	-73.7965	-80.4513	-73.1712	-73.4896	-73.9181	-73.4172	-98.5832	-73.494	-54.4672	-50.9261	-54.6161	-29.4857
5400	14	-30.4331	-31.9867	-34.457	-38.7571	-46.7909	-48.0803	-51.7731	-54.1603	-57.9381	-57.1715	-57.9836	-60.4183	-72.9145	-103.0137	-103.8375	-101.7317	-73.0314	-61.6751	-73.9966	-103.9147	-103.0109	-72.9145	-60.4183	-57.9836	-57.1715	-57.9381	-54.1603	-51.7731	-48.0803	-46.7909	-38.4571	-34.457	-31.9867	-30.4331	0
5400	16	-35.0984	-33.0161	-9.1796	-16.1367	-9.9879	-8.9633	-7.3217	-5.6417	-4.0875	-3.637	-3.1903	-3.167	-4.4176	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41	-1.0275	-1.4617	-2.3277	-3.5567	-5.1836	-5.0041	-0.9656	-1.65	-5.6853	-5.9171	-7.3217	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41
5400	18	-35.0984	-33.0161	-9.1796	-16.1367	-9.9879	-8.9633	-7.3217	-5.6417	-4.0875	-3.637	-3.1903	-3.167	-4.4176	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41	-1.0275	-1.4617	-2.3277	-3.5567	-5.1836	-5.0041	-0.9656	-1.65	-5.6853	-5.9171	-7.3217	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41
5400	20	-29.5331	-31.8918	-7.7618	-13.7735	-7.8256	-5.1087	-1.8644	-2.2023	-3.4704	-5.6136	-7.7991	-9.5833	-10.3009	-9.6603	-10.0114	-9.2804	-7.0428	-4.5337	-2.1344	-2.7798	-2.7989	-2.2182	-2.8969	-0.5656	-0.0252	1.8735	0.7928	-0.9804	-3.2543	-5.9171	-6.5479	-5.1695	-2.1863	-2.0113	-7.5865	-29.5331
5400	22	-25.5928	-31.3409	-7.1083	-12.4752	-7.1221	-2.5656	-1.6944	-2.2788	-4.2965	-5.1249	-5.4605	-6.649	-5.1587	-4.6033	-7.4939	-9.0952	-10.5544	-8.1212	-7.0378	-6.4271	-5.1388	-2.2823	-2.5084	-1.5271	-2.9734	1.8276	0.2817	1.3493	1.8941	0.7987	-2.8485	-2.9656	-5.0876	-7.4013	-3.9926	-12.0867	-25.5928
5400	24	-23.1383	-30.8618	-6.5097	-11.2713	-8.75	-3.5661	-1.9969	-2.4966	-3.9391	-4.5	-4.2	-4.5	-3.5	-3.5	-5.5	-7.5	-9.5	-8.5	-7.5	-6.5	-5.5	-3.5	-2.5	-1.5	-2.5	-3.5	1.7	2.7	2.9	0.776	-2.1256	-2.4379	-0.9529	-4.8963	-2.9127	-18.6009	-23.1383
5400	26	-22.6897	-30.4733	-6.12	-10.4798	-8.0851	-9.9999	-9.5174	-7.3555	-5.3446	-5.1480	-5.0553	-5.7891	-5.9267	-7.7891	-8.6602	-7.8882	-7.1561	-6.6602	-5.9869	-5.3349	-5.2073	-5.2866	-5.0942	-5.1627	-2.0738	-0.9948	-2.1797	-2.5447	-4.0851	-9.9999	-9.5174	-12.1369	-2.6889	-3.9127	-10.4798	-22.6897
5400	28	-22.3205	-30.1861	-6.7004	-9.7006	-8.9186	-8.6967	-7.5175	-5.8861	-3.7517	-2.8861	-2.3517	-2.1861	-2.3517	-3.8861	-5.7517	-7.6861	-9.3517	-8.7006	-7.9006	-7.0375	-5.7306	-3.7683	-2.5206	-1.5517	-3.0006	-2.7903	-0.5656	-0.6852	-3.0004	-3.9518	-5.6205	-7.9006	-8.9186	-9.6967	-7.5175	-22.3205
5400	30	-21.9367	-30.0552	-6.5303	-9.9356	-7.5331	-9.9185	-7.9841	-5.9675	-3.6861	-2.7907	-2.0343	-1.6485	-2.5631	-3.6709	-3.9393	-3.7515	-2.7355	-2.7009	-3.9531	-4.1503	-3.5342	-1.5445	-1.9600	-2.7147	-2.3439	-3.8645	-2.5344	0.1416	-1.0873	-3.1409	-2.9617	-4.5396	-5.0768	-7.8766	-12.6867	-21.9367
5400	32	-21.2788	-29.8466	-6.3672	-9.4179	-6.9179	-9.9179	-8.3179	-6.1179	-3.5179	-2.5179	-1.7179	-1.3179	-2.3179	-3.5179	-3.7179	-3.5179	-2.5179	-2.5179	-3.7179	-3.9179	-3.3179	-1.3179	-1.7179	-2.5179	-2.1179	-3.5179	-2.3179	0.3179	-0.9179	-3.1179	-2.9179	-4.3179	-4.9179	-7.7179	-12.5179	-21.2788
5400	34	-20.6605	-29.1395	-6.2343	-8.5856	-6.9989	-8.154	-7.3402	-6.0766	-3.5898	-2.2538	-1.2746	-0.8131	-2.0785	-3.2898	-3.5898	-3.2538	-2.2746	-2.2538	-3.5898	-3.9989	-3.2402	-1.2746	-1.2538	-2.0785	-1.8131	-3.5898	-2.2538	0.5898	-0.7402	-3.1989	-2.9989	-4.2746	-4.9989	-7.8256	-12.9989	-20.6605
5400	36	-20.2179	-28.4339	-6.1327	-8.1455	-6.3649	-7.9649	-6.9649	-5.9649	-3.9649	-2.9649	-2.1649	-1.9649	-2.1649	-2.9649	-3.1649	-2.9649	-2.1649	-2.9649	-3.1649	-3.9649	-3.9649	-2.1649	-1.9649	-2.1649	-2.9649	-3.9649	-3.9649	-1.9649	-1.1649	-3.9649	-3.9649	-5.9649	-6.9649	-7.9649	-13.9649	-20.2179
5400	38	-19.9271	-27.8108	-6.0802	-8.5465	-6.9486	-6.4935	-5.7439	-2.7711	-0.7829	-0.0049	-0.4265	-2.6417	-2.7877	-2.7841	-0.8547	-1.5246	-4.1956	-2.7368	-2.8065	-4.7656	-5.3757	-2.4562	-0.3013	-0.3036	-0.3013	0.2496	-0.0553	-1.187	-2.0855	-6.6571	-2.7836	-1.7256	-1.4875	-6.4565	-12.9686	-19.9271
5400	40	-19.7651	-27.5108	-6.0802	-8.6617	-6.5810	-6.4935	-5.7439	-2.7711	-0.7829	-0.0049	-0.4265	-2.6417	-2.7877	-2.7841	-0.8547	-1.5246	-4.1956	-2.7368	-2.8065	-4.7656	-5.3757	-2.4562	-0.3013	-0.3036	-0.3013	0.2496	-0.0553	-1.187	-2.0855	-6.6571	-2.7836	-1.7256	-1.4875	-6.4565	-12.9686	-19.7651
5400	42	-19.9409	-33.334	-6.7976	-9.7756	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-19.9409
5400	44	-20.1984	-33.2154	-6.9062	-9.7511	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-20.1984
5400	46	-20.7088	-33.2154	-7.0127	-9.8067	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-20.7088
5400	48	-19.9271	-33.8905	-6.5465	-9.6465	-5.7439	-2.7711	-0.7829	-0.0049	-0.4265	-2.6417	-2.7877	-2.7841	-0.8547	-1.5246	-4.1956	-2.7368	-2.8065	-4.7656	-5.3757	-2.4562	-0.3013	-0.3036	-0.3013	0.2496	-0.0553	-1.187	-2.0855	-6.6571	-2.7836	-1.7256	-1.4875	-6.4565	-12.9686	-19.9271	
5400	50	-19.7651	-33.5108	-6.0802	-8.6617	-5.5810	-4.6935	-5.7439	-2.7711	-0.7829	-0.0049	-0.4265	-2.6417	-2.7877	-2.7841	-0.8547	-1.5246	-4.1956	-2.7368	-2.8065	-4.7656	-5.3757	-2.4562	-0.3013	-0.3036	-0.3013	0.2496	-0.0553	-1.187	-2.0855	-6.6571	-2.7836	-1.7256	-1.4875	-6.4565	-12.9686	-19.7651
5400	52	-19.9409	-33.334	-6.7976	-9.7756	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-19.9409
5400	54	-20.1984	-33.2154	-6.9062	-9.7511	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-20.1984
5400	56	-20.7088	-33.2154	-7.0127	-9.8067	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-20.7088
5400	58	-19.9409	-33.334	-6.7976	-9.7756	-5.0146	-4.7351	-5.9826	-3.5548	-1.5173	-1.9649	-5.2176	-6.0346	-3.4886	-5.9145	-9.3638	-13.6135	-12.7987	-7.8905	-5.1381	-4.722	-4.8796	-2.2487	-0.7987	-0.6736	-0.3683	-0.4001	-0.1065	-0.611	-2.1364	-5.9747	-9.6716	-13.9346	-13.6429	-10.0214	-7.5866	-19.9409
5400	60	-19.7651	-33.5108	-6.0802	-8.6617	-5.5810	-4.6935	-5.7439	-2.7711	-0.7829	-0.0049	-0.4265	-2.6417	-2.7877	-2.7841	-0.8547	-1.5246	-4.1956	-2.7368	-2.8065	-4.7656	-5.3757	-2.4562	-0.3013	-0.3036	-0.3013	0.2496	-0.0553	-1.187	-2.0855	-6.6571	-2.7836	-1.7256	-1.4875	-6.4565	-12.9686	-19.7651
5400	62	-19.9271	-33.8905	-6.5465	-9.6465	-5.7439	-2.7711	-0.7829	-0.0049	-0.4265	-2.6417	-2.7877	-2.7841	-0.8547	-1.5246	-4.1956	-2.7368	-2.8065	-4.7656	-5.3757	-2.4562	-0.3013	-0.3036	-0.3013	0.2496	-0.0553	-1.187	-2.0855	-6.6571	-2.7836	-1.7256	-1.4875	-6.4565	-12.9686	-19.9271	
5400	64	-20.6605	-29.1395	-6.2343	-8.5856	-6.9989	-8.154	-7.3402	-6.0766	-3.5898	-2.2538	-1.2746	-0.8131	-2.0785	-3.2898	-3.5898	-3.2538	-2.2746	-2.2538	-3.5898	-3.9989	-3.2402	-1.2746	-1.2538	-2.0785	-1.8131	-3.5898	-2.2538	0.5898	-0.7402	-3.1989	-2.9989	-4.2746	-4.9989	-7.8256	-12.9989	-20.6605
5400	66	-21.2788	-29.8466	-6.3672	-9.4179	-6.9179	-9.9179	-8.3179	-6.1179	-3.5179	-2.5179	-1.7179	-1.3179	-2.3179	-3.5179	-3.7179	-3.5179	-2.5179	-2.5179	-3.7179	-3.9179	-3.3179	-1.3179	-1.7179	-2.5179	-2.1179	-3.5179	-2.3179	0.3179	-0.9179	-3.1179	-2.9179	-4.3179	-4.9179	-7.7179	-12.5179	-21.2788
5400	68	-21.9367	-30.0552	-6.5303	-9.9356	-7.5331	-9.9185	-7.9841	-5.9675	-3.6861	-2.7907	-2.0343	-1.6485	-2.5631	-3.6709	-3.9393	-3.7515	-2.7355	-2.7009	-3.9531	-4.1503	-3.5342	-1.5445	-1.9600	-2.7147	-2.3439	-3.8645	-2.5344	0.1416	-1.0873	-3.1409	-2.9617	-4.5396	-5.0768	-7.8766	-12.6867	-21.9367
5400	70	-22.6897	-30.4733	-6.12	-10.4798	-8.0851	-9.9999	-9.5174	-7.3555	-5.3446	-5.1480	-5.0553	-5.7891	-5.9267	-7.7891	-8.6602	-7.8882	-7.1561	-6.6602	-5.9869	-5.3349	-5.2073	-5.2866	-5.0942	-5.1627	-2.0738	-0.9948	-2.1797	-2.5447	-4.0851	-9.9999	-9.5174	-12.1369	-2.6889	-3.9127	-10.4798	-22.6897
5400	72	-23.1383	-30.8618	-6.5097	-11.2713	-8.75	-3.5661	-1.9969	-2.4966	-3.9391	-4.5	-4.2	-4.5	-3.5	-3.5	-5.5	-7.5	-9.5	-8.5	-7.5	-6.5	-5.5	-3.5	-2.5	-1.5	-2.5	-3.5	1.7	2.7	2.9	0.776	-2.1256	-2.4379	-0.9529	-4.8963	-2.9127	-18.6009	-23.1383
5400	74	-25.5928	-31.3409	-7.1083	-12.4752	-7.1221	-2.5656	-1.6944	-2.2788	-4.2965	-5.1249	-5.4605	-6.649	-5.1587	-4.6033	-7.4939	-9.0952	-10.5544	-8.1212	-7.0378	-6.4271	-5.1388	-2.2823	-2.5084	-1.5271	-2.9734	1.8276	0.2817	1.3493	1.8941	0.7987	-2.8485	-2.9656	-5.0876	-7.4013	-3.9926	-12.0867	-25.5928
5400	76	-28.4606	-33.3632	-7.5558	-12.6754	-7.7578	-4.6763	-5.9763	-3.5691	-2.4954	-3.3961	-3.6031	-4.4039	-3.7221	-8.6714	-3.2569	-3.7033	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	78	-29.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5651	-3.5319	-3.9373	-3.0617	-5.5337	-3.9919	-3.4602	-3.1635	-3.9646	-3.5251	-3.7965	-4.4513	-3.1712	-3.4896	-3.9181	-3.4172	-8.5832	-3.494	-4.4672	-4.9261	-5.6161	-7.4857	-29.4857
5400	80	-30.4331	-31.9867	-7.457	-12.7571	-7.7909	-4.0803	-1.7731	-4.1603	-7.9381	-7.1715	-7.9836	-10.4183	-2.9145	-3.0137	-3.8375	-1.7317	-3.0314	-4.6751	-3.9966	-3.1147	-3.9836	-7.9381	-7.1715	-7.9836	-10.4183	-2.9145	-3.0137	-3.8375	-1.7317	-3.0314	-4.6751	-3.9966	-3.1147	-3.9836	-7.9381	-30.4331
5400	82	-31.0984	-33.0161	-9.1796	-16.1367	-9.9879	-8.9633	-7.3217	-5.6417	-4.0875	-3.637	-3.1903	-3.167	-4.4176	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41	-1.0275	-1.4617	-2.3277	-3.5567	-5.1836	-5.0041	-0.9656	-1.65	-5.6853	-5.9171	-7.3217	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41
5400	84	-29.5331	-31.8918	-7.7618	-13.7735	-7.8256	-5.1087	-1.8644	-2.2023	-3.4704	-5.6136	-7.7991	-9.5833	-10.3009	-9.6603	-10.0114	-9.2804	-7.0428	-4.5337	-2.1344	-2.7798	-2.7989	-2.2182	-2.8969	-0.5656	-0.0252	1.8735	0.7928	-0.9804	-3.2543	-5.9171	-6.5479	-5.1695	-2.1863	-2.0113	-7.5865	-29.5331
5400	86	-28.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5651	-3.5319	-3.9373	-3.0617	-5.5337	-3.9919	-3.4602	-3.1635	-3.9646	-3.5251	-3.7965	-4.4513	-3.1712	-3.4896	-3.9181	-3.4172	-8.5832	-3.494	-4.4672	-4.9261	-5.6161	-7.4857	-28.4857
5400	88	-27.7831	-32.7214	-7.5779	-12.7772	-7.9967	-4.6408	-2.4235	-2.1151	-2.6394	-3.3607	-3.4603	-4.3787	-3.4237	-8.3078	-3.6361	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	90	-28.4606	-33.3632	-7.5558	-12.6754	-7.7578	-4.6763	-5.9763	-3.5691	-2.4954	-3.3961	-3.6031	-4.4039	-3.7221	-8.6714	-3.2569	-3.7033	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	92	-29.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5651	-3.5319	-3.9373	-3.0617	-5.5337	-3.9919	-3.4602	-3.1635	-3.9646	-3.5251	-3.7965	-4.4513	-3.1712	-3.4896	-3.9181	-3.4172	-8.5832	-3.494	-4.4672	-4.9261	-5.6161	-7.4857	-29.4857
5400	94	-30.4331	-31.9867	-7.457	-12.7571	-7.7909	-4.0803	-1.7731	-4.1603	-7.9381	-7.1715	-7.9836	-10.4183	-2.9145	-3.0137	-3.8375	-1.7317	-3.0314	-4.6751	-3.9966	-3.1147	-3.9836	-7.9381	-7.1715	-7.9836	-10.4183	-2.9145	-3.0137	-3.8375	-1.7317	-3.0314	-4.6751	-3.9966	-3.1147	-3.9836	-7.9381	-30.4331
5400	96	-31.0984	-33.0161	-9.1796	-16.1367	-9.9879	-8.9633	-7.3217	-5.6417	-4.0875	-3.637	-3.1903	-3.167	-4.4176	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41	-1.0275	-1.4617	-2.3277	-3.5567	-5.1836	-5.0041	-0.9656	-1.65	-5.6853	-5.9171	-7.3217	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41
5400	98	-29.5331	-31.8918	-7.7618	-13.7735	-7.8256	-5.1087	-1.8644	-2.2023	-3.4704	-5.6136	-7.7991	-9.5833	-10.3009	-9.6603	-10.0114	-9.2804	-7.0428	-4.5337	-2.1344	-2.7798	-2.7989	-2.2182	-2.8969	-0.5656	-0.0252	1.8735	0.7928	-0.9804	-3.2543	-5.9171	-6.5479	-5.1695	-2.1863	-2.0113	-7.5865	-29.5331
5400	100	-28.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5651	-3.5319	-3.9373	-3.0617	-5.5337	-3.9919	-3.4602	-3.1635	-3.9646	-3.5251	-3.7965	-4.4513	-3.1712	-3.4896	-3.9181	-3.4172	-8.5832	-3.494	-4.4672	-4.9261	-5.6161	-7.4857	-28.4857
5400	102	-27.7831	-32.7214	-7.5779	-12.7772	-7.9967	-4.6408	-2.4235	-2.1151	-2.6394	-3.3607	-3.4603	-4.3787	-3.4237	-8.3078	-3.6361	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	104	-28.4606	-33.3632	-7.5558	-12.6754	-7.7578	-4.6763	-5.9763	-3.5691	-2.4954	-3.3961	-3.6031	-4.4039	-3.7221	-8.6714	-3.2569	-3.7033	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	106	-29.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5651	-3.5319	-3.9373	-3.0617	-5.5337	-3.9919	-3.4602	-3.1635	-3.9646	-3.5251	-3.7965	-4.4513	-3.1712	-3.4896	-3.9181	-3.4172	-8.5832	-3.494	-4.4672	-4.9261	-5.6161	-7.4857	-29.4857
5400	108	-30.4331	-31.9867	-7.457	-12.7571	-7.7909	-4.0803	-1.7731	-4.1603	-7.9381	-7.1715	-7.9836	-10.4183	-2.9145	-3.0137	-3.8375	-1.7317	-3.0314	-4.6751	-3.9966	-3.1147	-3.9836	-7.9381	-7.1715	-7.9836	-10.4183	-2.9145	-3.0137	-3.8375	-1.7317	-3.0314	-4.6751	-3.9966	-3.1147	-3.9836	-7.9381	-30.4331
5400	110	-31.0984	-33.0161	-9.1796	-16.1367	-9.9879	-8.9633	-7.3217	-5.6417	-4.0875	-3.637	-3.1903	-3.167	-4.4176	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41	-1.0275	-1.4617	-2.3277	-3.5567	-5.1836	-5.0041	-0.9656	-1.65	-5.6853	-5.9171	-7.3217	-8.7147	-9.8086	-8.6131	-7.0017	-4.4271	-1.41
5400	112	-29.5331	-31.8918	-7.7618	-13.7735	-7.8256	-5.1087	-1.8644	-2.2023	-3.4704	-5.6136	-7.7991	-9.5833	-10.3009	-9.6603	-10.0114	-9.2804	-7.0428	-4.5337	-2.1344	-2.7798	-2.7989	-2.2182	-2.8969	-0.5656	-0.0252	1.8735	0.7928	-0.9804	-3.2543	-5.9171	-6.5479	-5.1695	-2.1863	-2.0113	-7.5865	-29.5331
5400	114	-28.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5651	-3.5319	-3.9373	-3.0617	-5.5337	-3.9919	-3.4602	-3.1635	-3.9646	-3.5251	-3.7965	-4.4513	-3.1712	-3.4896	-3.9181	-3.4172	-8.5832	-3.494	-4.4672	-4.9261	-5.6161	-7.4857	-28.4857
5400	116	-27.7831	-32.7214	-7.5779	-12.7772	-7.9967	-4.6408	-2.4235	-2.1151	-2.6394	-3.3607	-3.4603	-4.3787	-3.4237	-8.3078	-3.6361	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	118	-28.4606	-33.3632	-7.5558	-12.6754	-7.7578	-4.6763	-5.9763	-3.5691	-2.4954	-3.3961	-3.6031	-4.4039	-3.7221	-8.6714	-3.2569	-3.7033	-3.0184	-3.5254	-4.7996	-3.8648	-3.0267	-3.5176	-3.0895	-3.1132	-3.2817	-3.5463	-3.1875	-3.2617	-3.0663	-3.1939	-3.0867	-4.4672	-4.9261	-5.5199	-7.7831	-28.4606
5400	120	-29.4857	-32.8896	-7.3199	-12.6769	-7.9272	-3.1214	-1.7623	-1.6752	-2.0341	-3.9381	-5.0517	-6.5341	-3.0199	-8.5

Ant. Position：6G Ant.4_GAIN PHI



Ant. Position：6G Ant.4_GAIN THETA

Frequency	Phi/Theta	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	-100	-110	-120	-130	-140	-150	-160	-170	-180
5400	0	-17.0373	39.4617	77.9667	102.4600	-8.7942	7.2157	-5.4512	-4.9126	0.0202	-0.9059	-2.1285	-1.3739	-1.1304	-1.1105	-0.5339	-0.1026	-1.6272	-1.5486	-0.7409	-0.6246	-0.5963	-1.7911	-0.8033	-1.1973	-2.5798	-2.9836	-2.4179	-2.7967	-5.0248	-7.8617	-12.0705	-12.7357	-7.8484	-5.5607	-3.7911	-2.7967	-17.0373
5400	45	-17.0373	39.2882	77.5873	97.4731	87.1288	18.2488	-8.7942	7.2157	-5.4512	-4.9126	0.0202	-0.9059	-2.1285	-1.3739	-1.1304	-1.1105	-0.5339	-0.1026	-1.6272	-1.5486	-0.7409	-0.6246	-0.5963	-1.7911	-0.8033	-1.1973	-2.5798	-2.9836	-2.4179	-2.7967	-5.0248	-7.8617	-12.0705	-12.7357	-7.8484	-5.5607	-3.7911
5400	90	-17.1087	39.3860	78.1847	-10.0038	-61.1796	-10.0275	-9.9916	-7.8401	-6.5575	-5.9198	-5.2409	-4.7287	-4.9963	-5.0576	-5.1159	-4.8389	-5.2870	-5.0707	-5.0426	-5.1351	-5.0856	-5.4436	-5.0663	-5.7911	-6.0303	-6.3864	-6.7211	-7.0000	-7.0237	-7.1030	-7.0237	-7.0000	-6.7211	-6.3864	-5.7911	-5.0663	-5.4436
5400	135	-17.3330	39.5362	-10.0297	-10.0000	-40.4278	-10.0000	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916	-9.9916
5400	180	-17.6029	39.5861	79.0148	-59.7946	-36.9844	-19.9218	-10.4411	-8.5568	-8.0368	-8.0370	-8.5281	-10.9833	-8.6487	-5.5966	-2.8796	-1.7063	-5.7869	-10.8254	-14.3237	-11.5181	-9.7917	-5.9960	-4.0077	-4.4724	-6.0147	-6.7906	-5.9245	-7.9871	-1.7146	0.7246	3.4277	0.5461	0.3276	-2.1382	-5.2757	-8.6851	-17.6029
5400	225	-17.7464	39.4354	78.4008	-75.0245	37.7967	17.3354	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-10.4411	-17.7464
5400	270	-17.8216	-39.0361	-39.8406	-74.6609	-30.5268	-27.4784	-11.5408	-7.8334	-4.6668	-2.5186	-1.2772	-2.435	-5.5535	-10.6381	-14.6083	-11.4351	-9.7567	-5.0303	-3.9493	-4.5478	-6.0289	-6.9576	-4.0849	-4.9944	-6.2104	-5.6409	-7.7703	-1.6735	1.5108	3.5745	-2.7246	-1.6469	-2.0231	-5.3791	-9.0015	-10.1115	-17.8216
5400	315	-18.0119	-39.7489	-39.1687	-73.4939	-39.3487	-32.4118	-12.5408	-5.6668	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-1.2772	-18.0119
5400	16	-18.2127	37.8396	75.1487	21.2242	-39.4279	-19.9968	-9.9864	-6.3927	-3.6299	-0.8125	-0.6456	-4.7405	-3.8273	-3.7567	-4.2949	-3.9854	-5.2123	-10.1458	-14.5431	-11.6808	-8.9431	-4.1139	-3.9549	-3.8993	-2.9788	-3.8396	-2.4849	-2.4834	-5.4769	-5.9639	-1.435	-4.9842	-3.1557	-7.2941	-5.6962	-8.9919	-18.2127
5400	32	-18.4276	36.7127	72.9000	18.7000	-41.3000	-20.9000	-9.9000	-5.9000	-3.0000	-0.0000	-0.0000	-4.0000	-3.0000	-3.0000	-3.0000	-3.0000	-3.0000	-9.0000	-14.0000	-11.0000	-8.0000	-3.0000	-3.0000	-3.0000	-2.0000	-3.0000	-2.0000	-2.0000	-5.0000	-5.0000	-1.000	-4.0000	-3.0000	-7.0000	-5.0000	-8.0000	-18.4276
5400	48	-18.6876	34.9827	70.3976	-16.0000	-39.0000	-20.7000	-9.7000	-5.5000	-2.7000	-0.7000	-0.5000	-3.7000	-2.7000	-2.7000	-2.7000	-2.7000	-2.7000	-8.7000	-13.7000	-10.7000	-7.7000	-2.7000	-2.7000	-2.7000	-1.7000	-2.7000	-1.7000	-1.7000	-4.7000	-4.7000	-1.000	-3.7000	-2.7000	-6.7000	-4.7000	-7.7000	-18.6876
5400	64	-19.0293	33.0993	67.2902	-14.0401	-36.8037	-17.2118	-7.2443	-5.4245	-5.5303	-2.7198	-0.5291	-3.2993	-2.1598	-2.1598	-2.1598	-2.1598	-2.1598	-7.1598	-12.1598	-9.1598	-6.1598	-1.1598	-1.1598	-1.1598	-0.1598	-1.1598	-0.1598	-0.1598	-3.1598	-3.1598	-1.000	-2.1598	-1.1598	-5.1598	-3.1598	-6.1598	-19.0293
5400	80	-19.2024	31.2537	58.1886	-12.2397	-32.4229	-13.7349	-5.7349	-5.4403	-6.208	-7.4046	-2.0977	-2.0977	-1.0977	-1.0977	-1.0977	-1.0977	-1.0977	-6.0977	-11.0977	-8.0977	-5.0977	-0.0977	-0.0977	-0.0977	0.9023	-0.0977	0.9023	0.9023	-2.0977	-2.0977	-1.000	-1.0977	-0.0977	-4.0977	-2.0977	-5.0977	-19.2024
5400	96	-19.4934	-12.5809	-15.1631	-11.8042	-19.0842	-14.1567	-6.8693	-5.6424	-4.6567	-7.9243	-8.814	-6.5945	-2.7741	-1.3656	-3.7250	-5.883	-8.1108	-8.6876	-13.0942	-12.6373	-8.8356	-6.375	-4.484	-1.8852	-1.3216	-1.6291	-2.0166	-2.8699	-3.7486	-3.4533	-2.0033	-3.3063	-5.1493	-3.5685	-6.8409	-7.8363	-19.4934
5400	112	-19.8054	-12.1265	-14.2858	-10.6613	-16.2099	-12.9993	-5.9993	-5.5337	-3.9993	-8.9993	-9.9993	-7.9993	-3.9993	-1.9993	-4.9993	-6.9993	-9.9993	-9.9993	-14.9993	-13.9993	-9.9993	-7.9993	-5.9993	-2.9993	-2.9993	-2.9993	-3.9993	-4.9993	-4.9993	-4.9993	-2.9993	-4.9993	-6.9993	-4.9993	-7.9993	-8.9993	-19.8054
5400	128	-20.1405	-11.8079	-13.5799	-9.6936	-13.0820	-11.5272	-6.3839	-6.0074	-7.9613	-10.9580	-10.5667	-7.5995	-4.8916	-2.5313	-5.4297	-8.7088	-8.6166	-8.4768	-12.5307	-13.9881	-9.9995	-7.148	-5.1835	-2.5556	-2.275	-2.7978	-3.2125	-3.9838	-3.5098	-3.5532	-3.3969	-5.1882	-7.2303	-5.0849	-9.5866	-7.6963	-20.1405
5400	144	-20.4866	-11.5236	-12.9236	-8.8886	-10.3788	-10.0000	-6.7000	-6.6000	-9.4000	-12.4000	-11.4000	-8.4000	-5.4000	-3.4000	-6.4000	-9.4000	-7.4000	-7.4000	-11.4000	-14.4000	-10.4000	-7.4000	-5.4000	-3.4000	-3.4000	-3.4000	-4.4000	-5.4000	-5.4000	-5.4000	-4.4000	-5.4000	-7.4000	-5.4000	-9.4000	-7.4000	-20.4866
5400	160	-20.8054	-11.2238	-12.0036	-8.0895	-10.3790	-9.5996	-6.9004	-7.0000	-10.5973	-13.5998	-12.5998	-9.5998	-6.5998	-4.5998	-7.5998	-10.5998	-8.5998	-8.5998	-12.5998	-15.5998	-11.5998	-8.5998	-6.5998	-4.5998	-4.5998	-4.5998	-5.5998	-6.5998	-6.5998	-6.5998	-5.5998	-6.5998	-8.5998	-6.5998	-10.5998	-8.5998	-20.8054
5400	176	-21.2963	-11.3076	-11.0981	-8.5395	-10.4947	-12.7277	-7.3000	-7.5000	-11.0198	-14.0361	-13.0361	-10.0361	-7.0361	-5.0361	-8.0361	-11.0361	-9.0361	-9.0361	-13.0361	-16.0361	-12.0361	-9.0361	-7.0361	-5.0361	-5.0361	-5.0361	-6.0361	-7.0361	-7.0361	-7.0361	-6.0361	-7.0361	-9.0361	-7.0361	-11.0361	-9.0361	-21.2963
5400	192	-22.1237	-12.0466	-13.7676	-8.6748	-8.4145	-10.8859	-10.1100	-8.0000	-11.5617	-15.0048	-14.0048	-11.0048	-8.0048	-6.0048	-9.0048	-12.0048	-10.0048	-10.0048	-14.0048	-17.0048	-13.0048	-10.0048	-8.0048	-6.0048	-6.0048	-6.0048	-7.0048	-8.0048	-8.0048	-8.0048	-7.0048	-8.0048	-10.0048	-8.0048	-12.0048	-10.0048	-22.1237
5400	208	-22.7288	-12.462	-13.9498	-9.277	-7.9366	-7.2014	-11.547	-7.1284	-11.2329	-9.4256	-9.6757	-7.9905	-5.6168	-3.9905	-6.9905	-9.9905	-7.9905	-7.9905	-11.9905	-14.9905	-10.9905	-7.9905	-5.9905	-3.9905	-3.9905	-3.9905	-4.9905	-5.9905	-5.9905	-5.9905	-4.9905	-5.9905	-7.9905	-5.9905	-9.9905	-7.9905	-22.7288
5400	224	-23.2784	-12.973	-14.0375	-10.1864	-9.0984	-5.7965	-12.9739	-13.5685	-11.0452	-9.9438	-9.4384	-9.9139	-9.9139	-10.1174	-7.7736	-8.9437	-9.0344	-7.9361	-11.7389	-14.5214	-11.9315	-10.2442	-9.9953	-6.9821	-5.3890	-2.932	-0.7839	-0.094	-2.9683	-3.5226	-4.5363	-3.5158	-3.2819	-5.5292	-5.2446	-7.7877	-23.2784
5400	240	-23.8184	-13.4	-14.1	-10.9	-10.3	-8.1	-14.1	-14.1	-12.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-12.1	-14.1	-12.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-10.1	-23.8184
5400	256	-24.3	-13.9	-14.3	-11.7	-11.6	-9.7	-14.9	-14.7	-13.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-13.1	-14.9	-13.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-11.1	-24.3
5400	272	-24.8	-14.4	-14.5	-12.4	-12.4	-11.4	-15.4	-15.4	-13.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-13.4	-15.4	-13.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-12.4	-24.8
5400	288	-25.3	-15.2	-15.2	-13.2	-13.2	-13.2	-15.2	-15.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-15.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-13.2	-25.3
5400	304	-25.8	-15.9	-15.9	-14.1	-14.1	-14.1	-15.9	-15.9	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-15.9	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-14.1	-25.8
5400	320	-26.4	-16.7	-16.7	-15.1	-15.1	-15.1	-16.7	-16.7	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-16.7	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-15.1	-26.4
5400	336	-26.9	-17.4	-17.4	-16.1	-16.1	-16.1	-17.4	-17.4	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-17.4	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-16.1	-26.9
5400	352	-27.4	-18.1	-18.1	-17.1	-17.1	-17.1	-18.1	-18.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-18.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-17.1	-27.4
5400	368	-27.9	-18.8	-18.8	-18.1	-18.1	-18.1	-18.8	-18.8	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.8	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-18.1	-27.9
5400	384	-28.4	-19.5	-19.5	-19.1	-19.1	-19.1	-19.5	-19.5	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.5	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-19.1	-28.4
5400	400	-28.9	-20.2	-20.2	-20.1	-20.1	-20.1	-20.2	-20.2	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.2	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-20.1	-28.9
5400	416	-29.4	-20.9	-20.9	-21.1	-21.1	-21.1	-20.9	-20.9	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-20.9	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-21.1	-29.4
5400	432	-29.9	-21.6	-21.6	-22.1	-22.1	-22.1	-21.6	-21.6	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-21.6	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-29.9
5400	448	-30.4	-22.3	-22.3	-23.1	-23.1	-23.1	-22.3	-22.3	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-22.3	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-23.1	-30.4
5400	464	-30.9	-23.0	-23.0	-24.1	-24.1	-24.1	-23.0	-23.0	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-23.0	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-24.1	-30.9
5400	480	-31.4	-23.7	-23.7	-25.1	-25.1	-25.1	-23.7	-23.7	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-23.7	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-25.1	-31.4
5400	496	-31.9	-24.4	-24.4	-26.1	-26.1	-26.1	-24.4	-24.4	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-24.4	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-26.1	-31.9
5400	512	-32.4	-25.1	-25.1	-27.1	-27.1	-27.1	-25.1	-25.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-25.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-27.1	-32.4
5400	528	-32.9	-25.8	-25.8	-28.1	-28.1	-28.1	-25.8	-25.8	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-25.8	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-28.1	-32.9
5400	544	-33.4	-26.5	-26.5	-29.1	-29.1	-29.1	-26.5	-26.5	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-26.5	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-29.1	-33.4
5400	560	-33.9	-27.2	-27.2	-30.1	-30.1	-30.1	-27.2	-27.2	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-27.2	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-30.1	-33.9
5400	576	-34.4	-27.9	-27.9	-31.1	-31.1	-31.1	-27.9	-27.9	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-27.9	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-31.1	-34.4
5400	592	-34.9	-28.6	-28.6	-32.1	-32.1	-32.1	-28.6	-28.6	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-28.6	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-32.1	-34.9
5400	608	-35.4	-29.3	-29.3	-33.1	-33.1	-33.1	-29.3	-29.3	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-29.3	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-33.1	-35.4
5400	624	-35.9	-30.0	-30.0	-34.1	-34.1	-34.1	-30.0	-30.0	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-30.0	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-34.1	-35.9
5400	640	-36.4	-30.7	-30.7	-35.1	-35.1	-35.1	-30.7	-30.7	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-30.7	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-35.1	-36.4
5400	656	-36.9	-31.4	-31.4	-36.1	-36.1	-36.1	-31.4	-31.4	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-31.4	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.1	-36.9
5400	672	-37.4	-32.1	-32.1	-37.1	-37.1	-37.1	-32.1	-32.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-32.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.1	-37.4
5400	688	-37.9	-32.8	-32.8	-38.1	-38.1	-38.1	-32.8	-32.8	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-32.8	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-38.1	-37.9
5400	704	-38.4	-33.5	-33.5	-39.1	-39.1	-39.1	-33.5	-33.5	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-33.5	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-39.1	-38.4
5400	720	-38.9	-34.2	-34.2	-40.1	-40.1	-40.1	-34.2	-34.2	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-34.2	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-40.1	-38.9
5400	736	-39.4	-34.9	-34.9	-41.1	-41.1	-41.1	-34.9	-34.9	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-34.9	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-41.1	-39.4
5400	752	-39.9	-35.6	-35.6	-42.1	-42.1	-42.1	-35.6	-35.6	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-35.6	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-42.1	-39.9
5400	768	-40.4	-36.3	-36.3	-43.1	-43.1	-43.1	-36.3	-36.3	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-36.3	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-43.1	-40.4
5400	784	-40.9	-37.0	-37.0	-44.1	-44.1	-44.1	-37.0	-37.0	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-37.0	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-44.1	-40.9
5400	800	-41.4	-37.7	-37.7	-45.1	-45.1	-45.1	-37.7	-37.7	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-37.7	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-45.1	-41.4
5400	816	-41.9	-38.4	-38.4	-46.1	-46.1	-46.1	-38.4	-38.4	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-38.4	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-46.1	-41.9
5400	832	-42.4	-39.1	-39.1	-47.1	-47.1	-47.1	-39.1	-39.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-39.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-47.1	-42.4
5400	848	-42.9	-39.8	-39.8	-48.1	-48.1	-48.1	-39.8	-39.8	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-39.8	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-48.1	-42.9
5400	864	-43.4	-40.5	-40.5	-49.1	-49.1	-49.1	-40.5	-40.5	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-40.5	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-49.1	-43.4
5400	880	-43.9	-41.2	-41.2	-50.1	-50.1	-50.1	-41.2	-41.2	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-41.2	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-50.1	-43.9
5400	896	-44.4	-41.9	-41.9	-51.1	-51.1	-51.1	-41.9	-41.9	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-41.9	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.1	-51.