

Antenna Composite Gain Test Report

1. Test Information

Equipment	GTS
Brand Name	Nokia
Model Name	B19.1
Applicant	Nokia
Manufacturer	Nokia

2. Testing Location

Testing Location	
INPAQ's Wuxi Passive Lab.	ADD: No. 81, Antai 1st Road, Xishan District, Wuxi City, Jiangsu Province, China

Test Condition	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	<i>Eric</i>	20-24 / 45-60	11.28.2025~11.28.2025

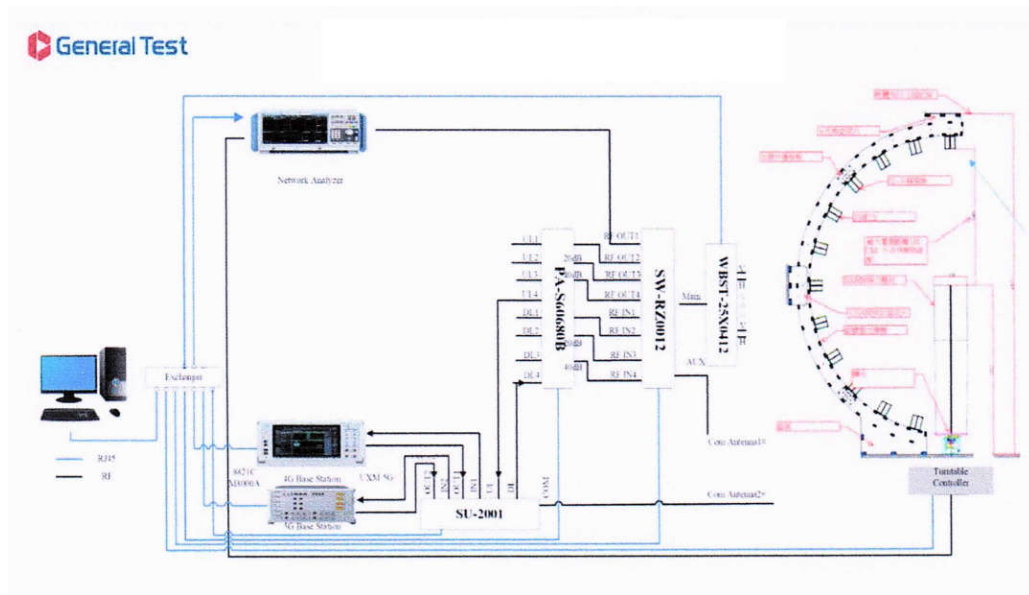
3. Test Frequency

Band (MHz)	Test Frequency (MHz)
2400-2500	2400 / 2450 / 2500
5150-5850	5150 / 5500 / 5850
5925-7125	5925 / 6500 / 7125

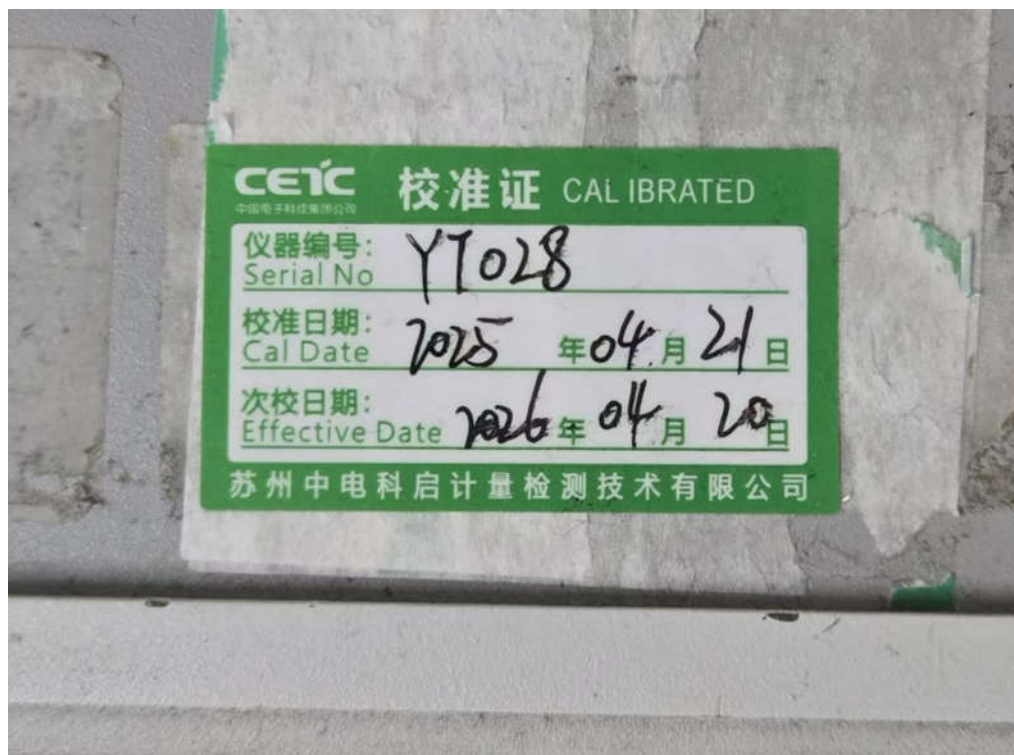
4. Antenna Information

Ant. Position	Brand Name	Model Name	Ant. Type	Connector
Antenna 1 (6G)	Nokia	B19.1	Dipole	I-PEX
Antenna 2 (6G)	Nokia	B19.1	Dipole	I-PEX
Antenna 3 (6G)	Nokia	B19.1	Dipole	I-PEX
Antenna 4 (6G)	Nokia	B19.1	Dipole	I-PEX
Antenna 5 (2G/5G)	Nokia	B19.1	Dipole	I-PEX
Antenna 6 (2G/5G)	Nokia	B19.1	Dipole	I-PEX
Antenna 7 (2G/5G)	Nokia	B19.1	Dipole	I-PEX
Antenna 8 (2G/5G)	Nokia	B19.1	Dipole	I-PEX

5. Test Configuration



6. Reference Calibration



7. Test Method

The “great circle” cut method, whereby the Measurement Antenna remains fixed and the EUT is rotated about two axes in sequential order. The radiated RF performance of the Equipment Under Test (EUT) is measured by sampling the radiated transmit power of the mobile at various locations surrounding the device. A three-dimensional characterization of the 'transmit' performance of the EUT is pieced together by analyzing the data from the spatially distributed measurements.

Data points taken every 15 degrees in the theta and in the phi axes are deemed sufficient to fully characterize the EUT's Far-Field radiation pattern and total radiated power. All of the measured power values will be integrated.

8. Measured Values and Calculation of Correlated /

Uncorrelated Gains

Antenna Peak Gain Table (Ant. Position: 2G Ant.5~8)

Band (MHz)	2400-2500		
Frequency (MHz)	2400	2450	2500
Ant.5 Max Gain (dBi)	2.59	2.34	2.66
Ant.6 Max Gain (dBi)	2.57	2.08	1.78
Ant.7 Max Gain (dBi)	3.08	2.38	2.03
Ant.8 Max Gain (dBi)	2.58	2.22	1.79
Max Gain (dBi)	3.08	2.38	2.66

Antenna Peak Gain Table (Ant. Position: 5G Ant.5~8)

Band (MHz)	5150-5850		
Frequency (MHz)	5150	5500	5850
Ant.5 Max Gain (dBi)	2.07	2.23	2.13
Ant.6 Max Gain (dBi)	2.07	2.36	2.07
Ant.7 Max Gain (dBi)	2.37	2.38	2.28
Ant.8 Max Gain (dBi)	2.77	2.21	2.59
Max Gain (dBi)	2.77	2.38	2.59

Antenna Peak Gain Table (Ant. Position: 6G Ant.1~4)

Band (MHz)	5925-7125		
Frequency (MHz)	5925	6500	7125
Ant.1 Max Gain (dBi)	2.37	2.33	1.29
Ant.2 Max Gain (dBi)	2.36	1.71	1.51
Ant.3 Max Gain (dBi)	1.84	1.66	1.24

Ant.4 Max Gain (dBi)	1.87	2.31	1.47
Max Gain (dBi)	2.37	2.33	1.51

Because the antennas are fixed in location within the device the directional antenna gain for MIMO is calculated over a sphere using the raw spatial data taken at 15 degree steps of theta and phi for each antenna using the equations from KDB 662911 D01. The raw antenna data is located in the appendix of this report.

The correlated antenna gain was calculated using KDB 662911 D01, F(2)(d)(i). The uncorrelated antenna gain was calculated using KDB 662911 D01, F(2)(d)(ii).

The uncorrelated and correlated gains were calculated for each point in the spatial data, and the highest values reported.

Note :

KDB 662911 D01, F(2)(d)(i)

$$\text{Correlated Gain} = 10 \log \left[\left(10^{\frac{G_1}{20}} + 10^{\frac{G_2}{20}} + \dots + 10^{\frac{G_n}{20}} \right)^2 / N_{Ant.} \right] \text{ dBi}$$

KDB 662911 D01, F(2)(d)(ii)

$$\text{Uncorrelated Gain} = 10 \log \left[\left(10^{\frac{G_1}{10}} + 10^{\frac{G_2}{10}} + \dots + 10^{\frac{G_n}{10}} \right) / N_{Ant.} \right] \text{ dBi}$$

$N_{Ant.}$: Number of antenna

G_n : Gain of antenna

Maximum Correlated Gain Calculation

(Ant. Position: 2G Ant.5~8)

Frequency (MHz)	2400	2450	2500
Ant.5 Gain (dBi)	-2.79	-3.13	-2.77
Ant.6 Gain (dBi)	-1.18	0.62	0.23
Ant.7 Gain (dBi)	0.67	1.38	1.21
Ant.8 Gain (dBi)	1.30	-0.27	-1.12
Phi (°)	255	285	285
Theta (°)	75	75	75
Beamforming	5.67	5.83	5.53
Non Beamforming (CDD MODE)	5.67	5.83	5.53

(Ant. Position: 5G Ant.5~8)

Frequency (MHz)	5150	5500	5850
Ant.5 Gain (dBi)	2.07	-0.96	0.75
Ant.6 Gain (dBi)	-2.44	0.56	0.69
Ant.7 Gain (dBi)	0.34	-0.67	-2.71
Ant.8 Gain (dBi)	-1.40	0.47	-0.65
Phi (°)	75	330	240
Theta (°)	105	90	90

Beamforming	5.83	5.90	5.65
Non Beamforming (CDD MODE)	5.83	5.90	5.65

(Ant. Position: 6G Ant.1~4)

Frequency (MHz)	5925	6500	7125
Ant.1 Gain (dBi)	-3.17	0.30	-0.24
Ant.2 Gain (dBi)	0.72	-0.33	0.65
Ant.3 Gain (dBi)	0.24	-0.49	-3.15
Ant.4 Gain (dBi)	-1.35	-0.27	1.47
Phi (°)	75	300	240
Theta (°)	90	90	90
Beamforming	5.26	5.83	5.87
Non Beamforming (CDD MODE)	5.26	5.83	5.87

Calculation example :

$$10 \times \log\{[10^{(-2.79\text{dBi} / 20)} + 10^{(-1.18 \text{ dBi} / 20)} + 10^{(0.67 \text{ dBi} / 20)} + 10^{(1.30 \text{ dBi} / 20)}]^2 / 4\} = 5.67 \text{ dBi}$$

Maximum Uncorrelated Gain Calculation**(Ant. Position: 2G Ant.5~8)**

Frequency (MHz)	2.40	2450	2500
Ant.5 Gain (dBi)	-2.79	-3.13	-2.77
Ant.6 Gain (dBi)	-1.18	0.62	0.23
Ant.7 Gain (dBi)	0.67	1.38	1.21
Ant.8 Gain (dBi)	1.30	-0.27	-1.12
Phi (°)	255	285	285
Theta (°)	75	75	75
Uncorrelated gain	-0.18	-0.10	-0.24

(Ant. Position: 5G Ant.5~8)

Frequency (MHz)	5150	5500	5850
Ant.5 Gain (dBi)	2.07	-0.96	0.75
Ant.6 Gain (dBi)	-2.44	0.56	0.69
Ant.7 Gain (dBi)	0.34	-0.67	-2.71
Ant.8 Gain (dBi)	-1.40	0.47	-0.65
Phi (°)	75	330	240
Theta (°)	105	90	90

Uncorrelated gain	-0.09	-0.06	-0.19
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(Ant. Position: 6G Ant.1~4)

Frequency (MHz)	5925	6500	7125
Ant.1 Gain (dBi)	-3.17	0.3	-0.24
Ant.2 Gain (dBi)	0.72	-0.33	0.65
Ant.3 Gain (dBi)	0.24	-0.49	-3.15
Ant.4 Gain (dBi)	-1.35	-0.27	1.47
Phi (°)	75	300	240
Theta (°)	90	90	90
Uncorrelated gain	-0.38	-0.10	-0.08

Calculation example :

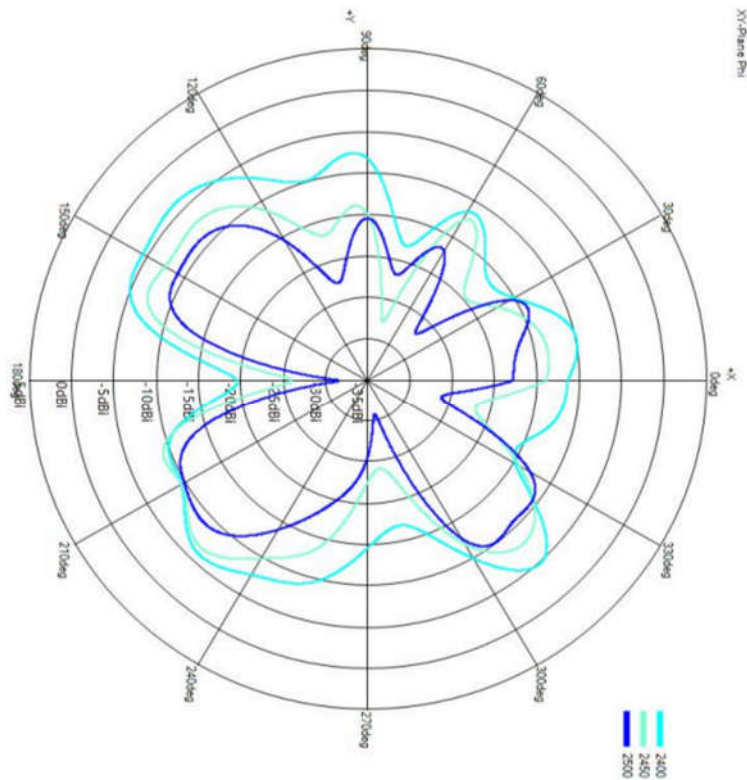
$$10 \times \log\left\{\frac{10^{(-2.79 \text{ dBi} / 10)} + 10^{(-1.18 \text{ dBi} / 10)} + 10^{(0.67 \text{ dBi} / 10)} + 10^{(1.30 \text{ dBi} / 10)}}{4}\right\}$$

$$= -0.18 \text{ dBi}$$

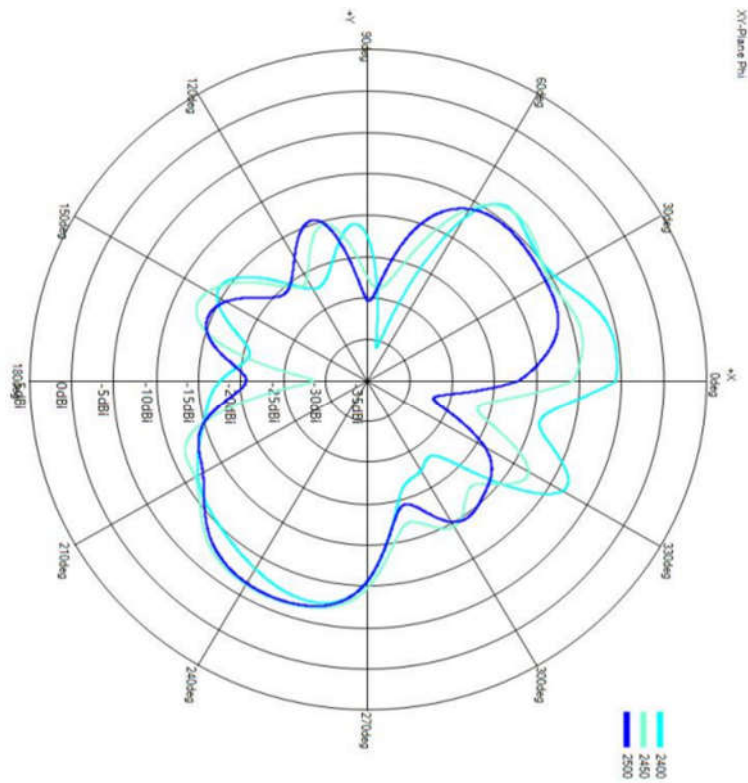
9. Radiation Pattern

Ant. Position: 2G Ant.5~8

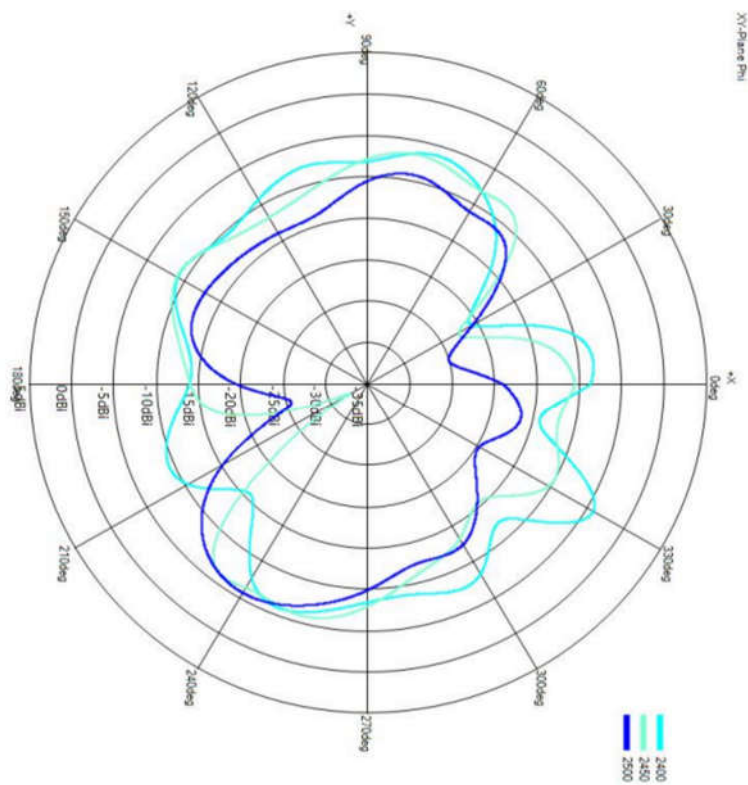
XY_Pol._Phi_Ant.5



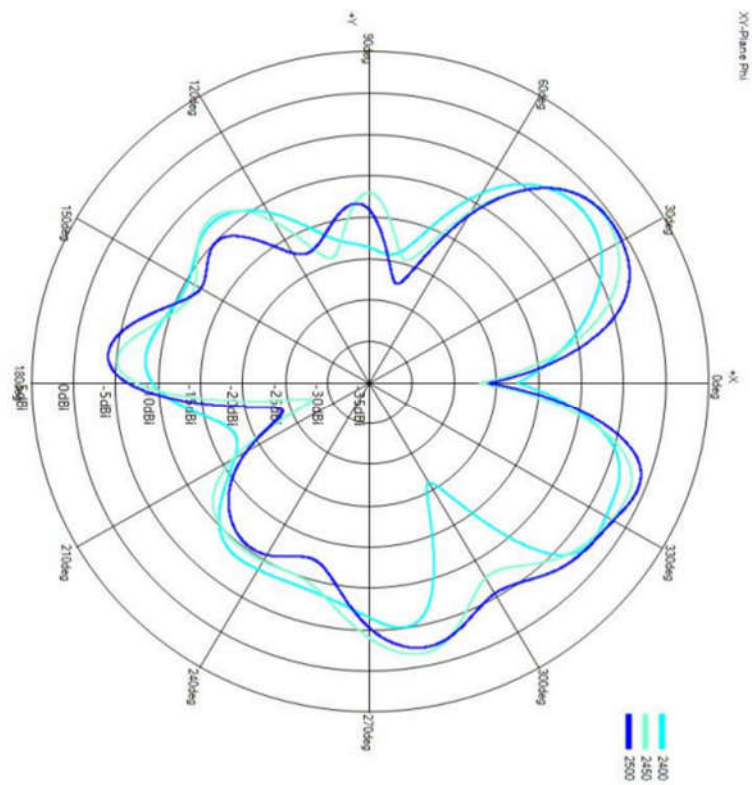
XY_Pol._Phi_Ant.6



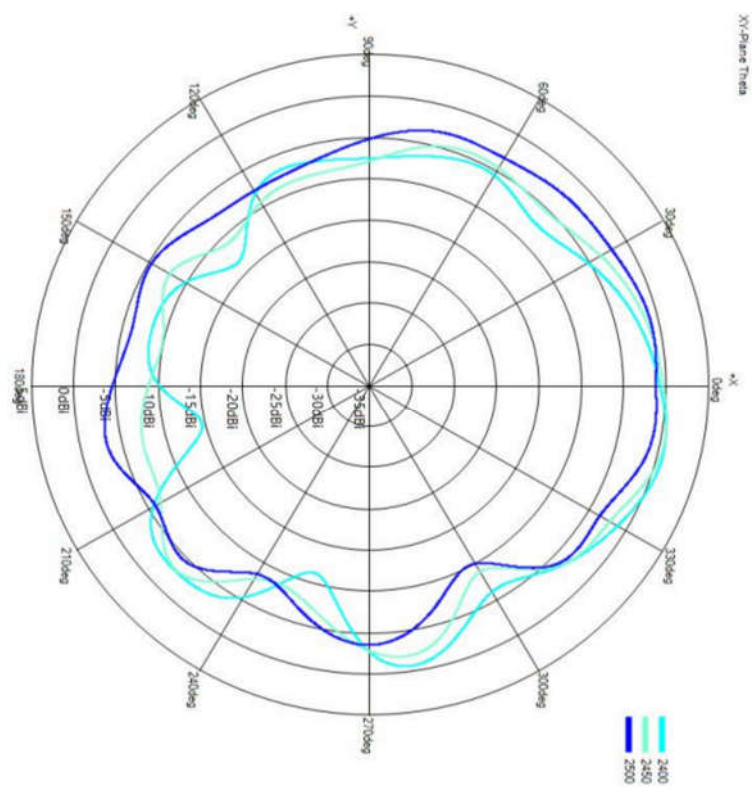
XY_Pol_Phi_Ant.7



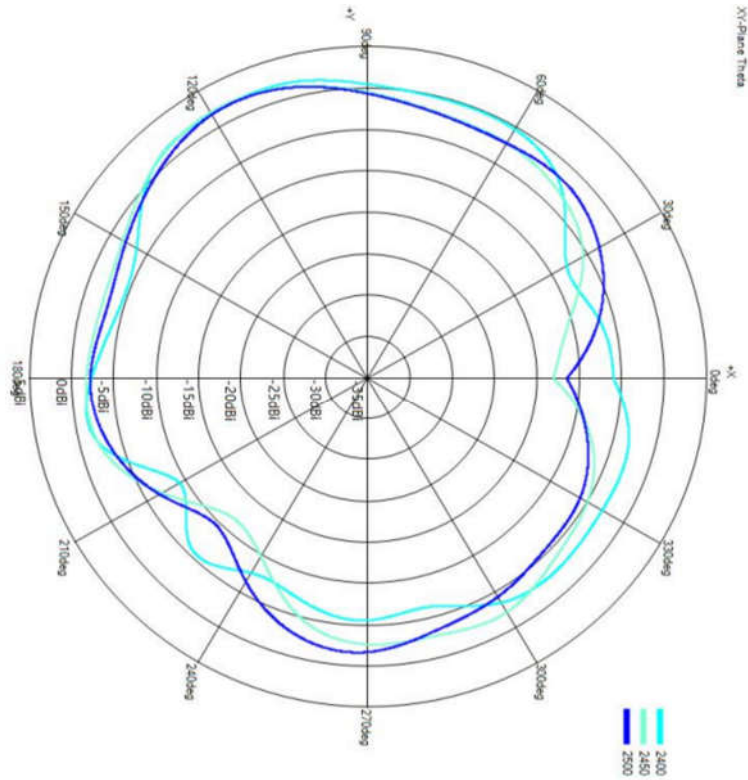
XY_Pol_Phi_Ant.8



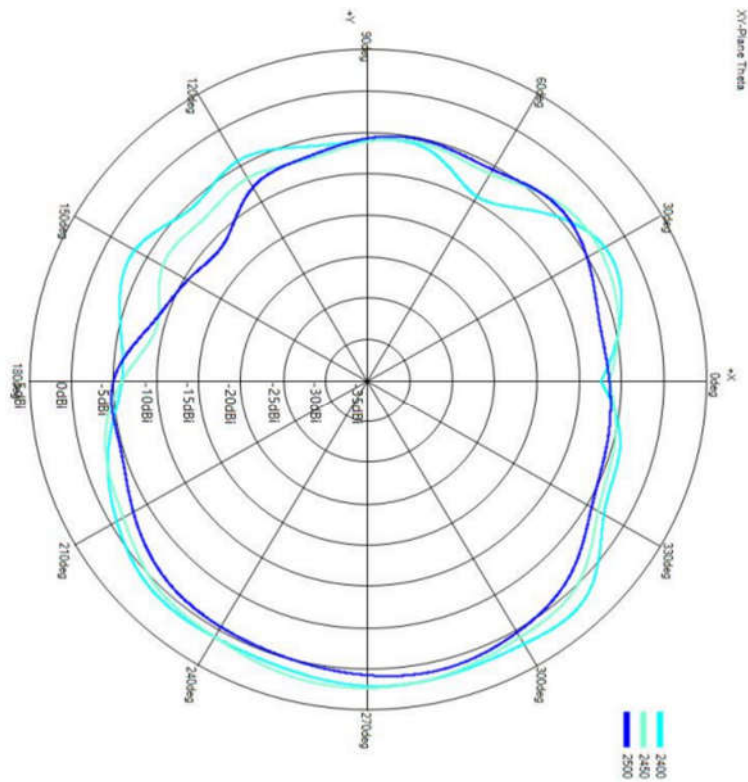
XY_Pol._theta_Ant.5



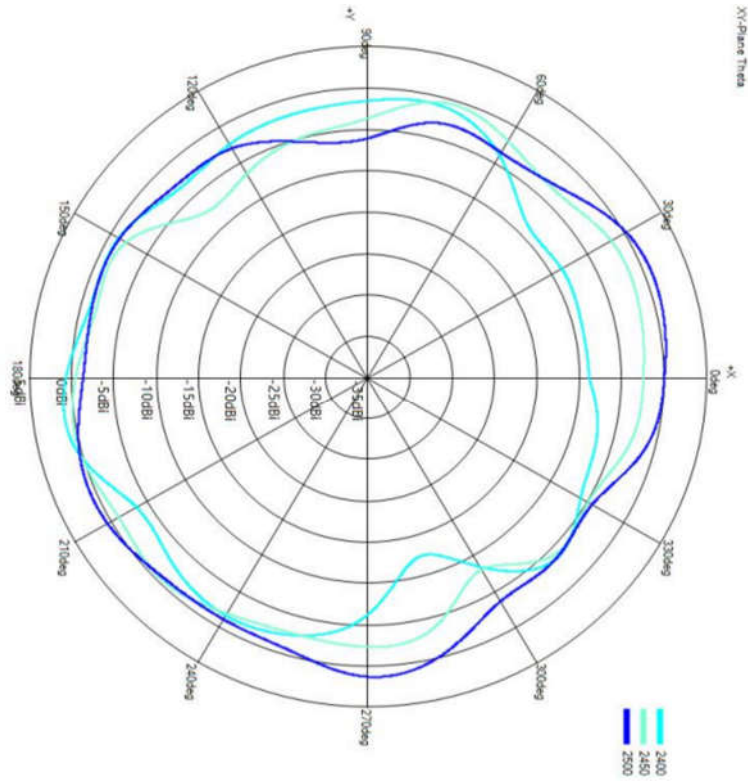
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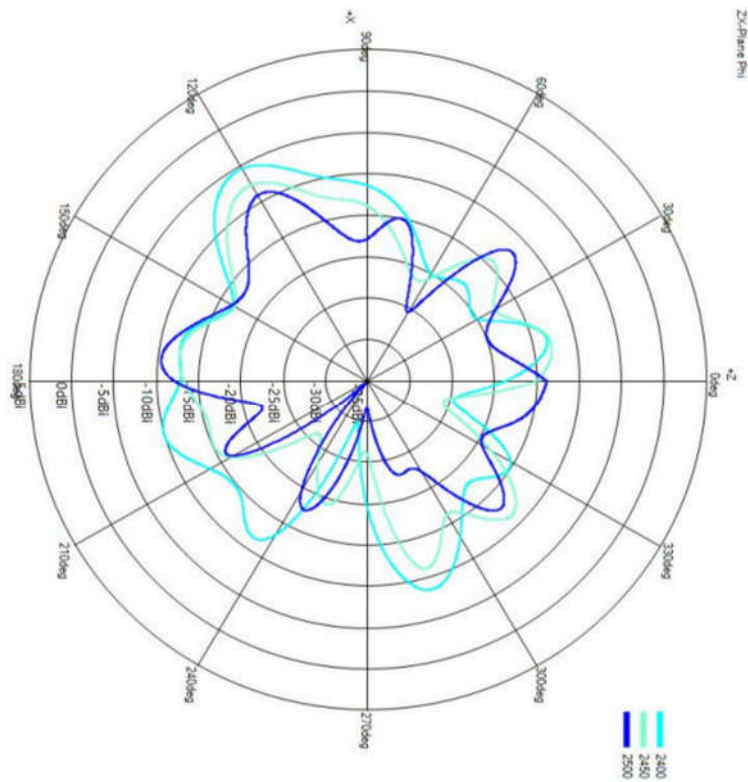
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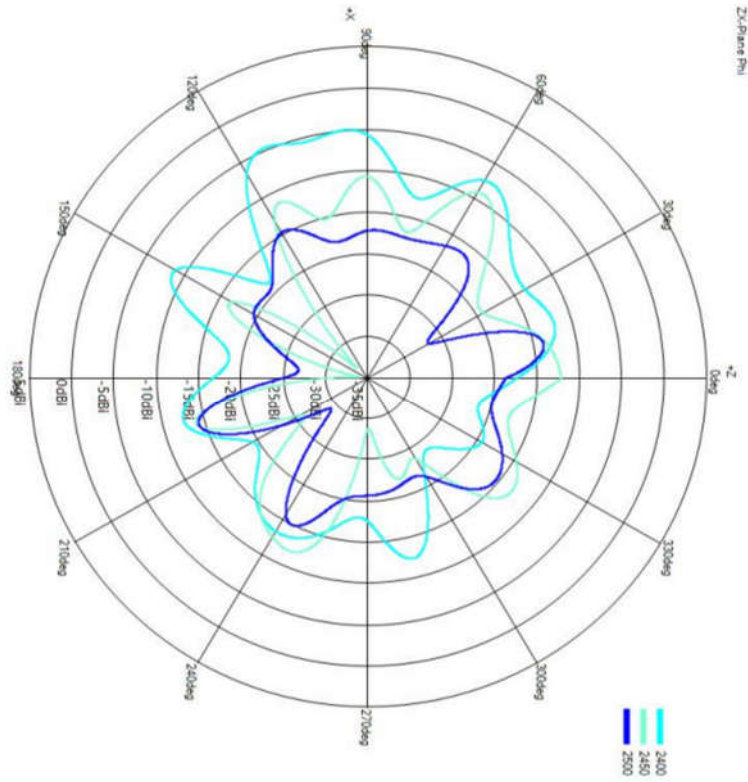
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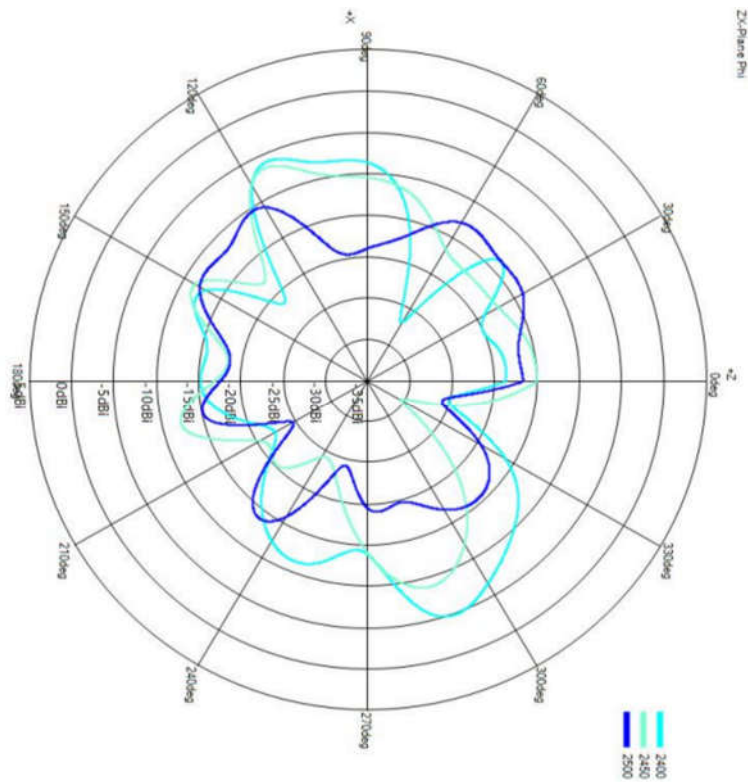
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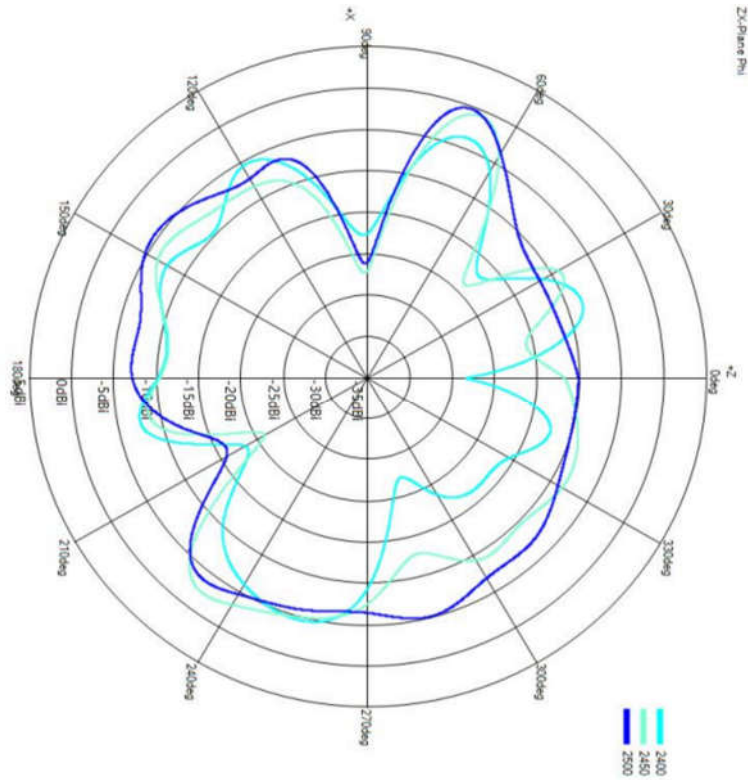
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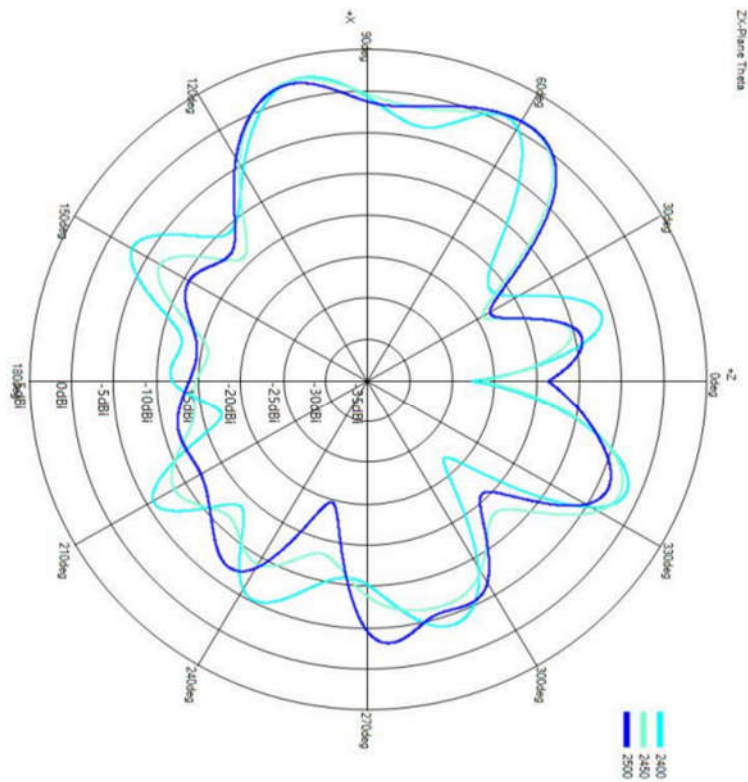
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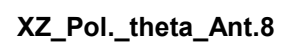
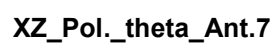
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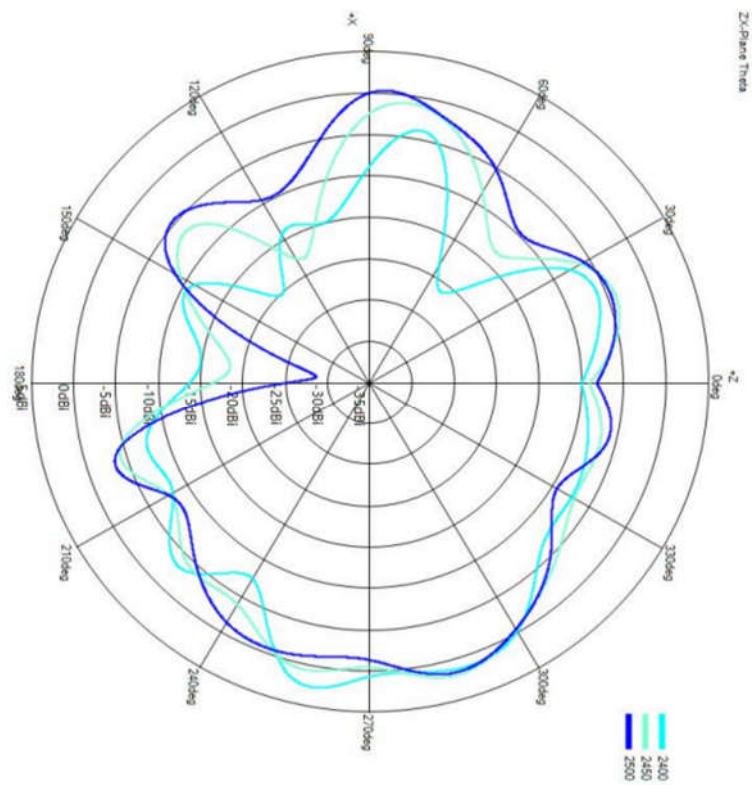


XZ_Pol_theta_Ant.5

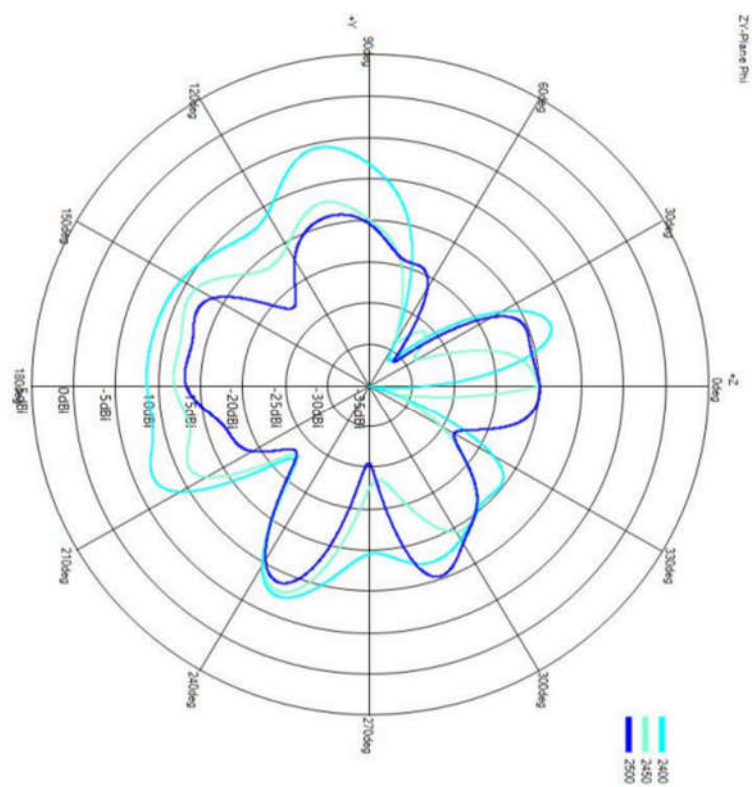


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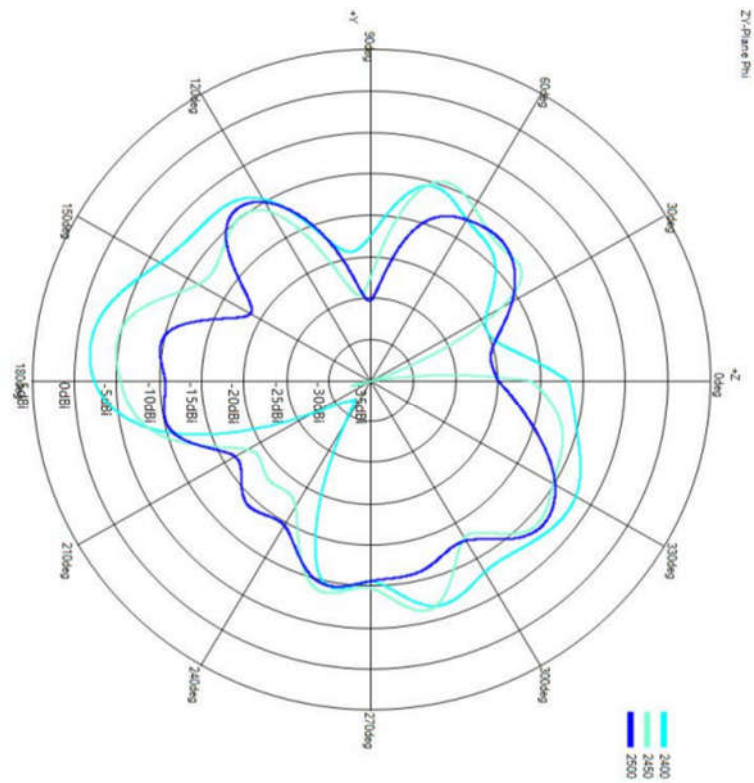




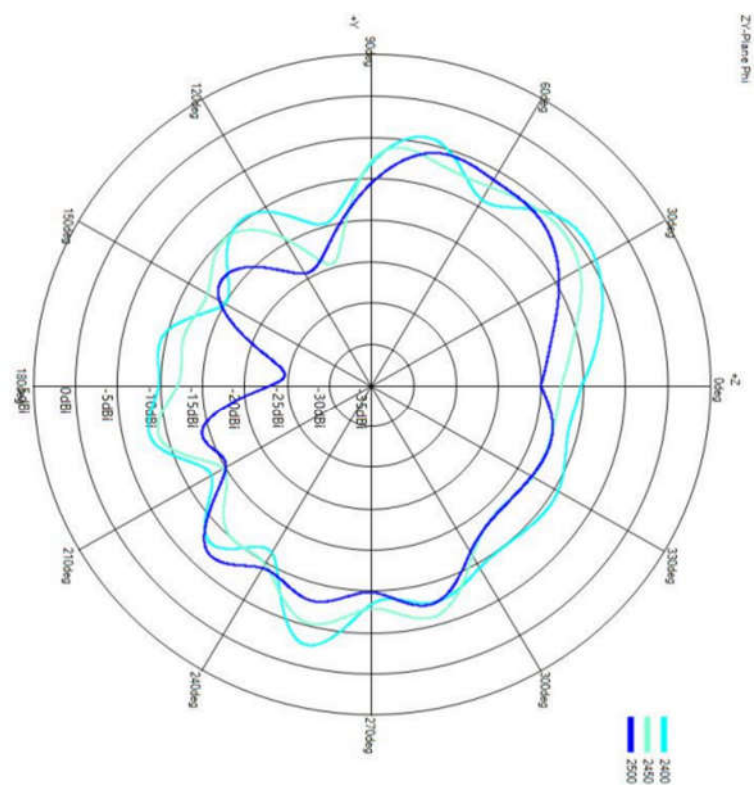
YZ_Pol_Phi_Ant.5



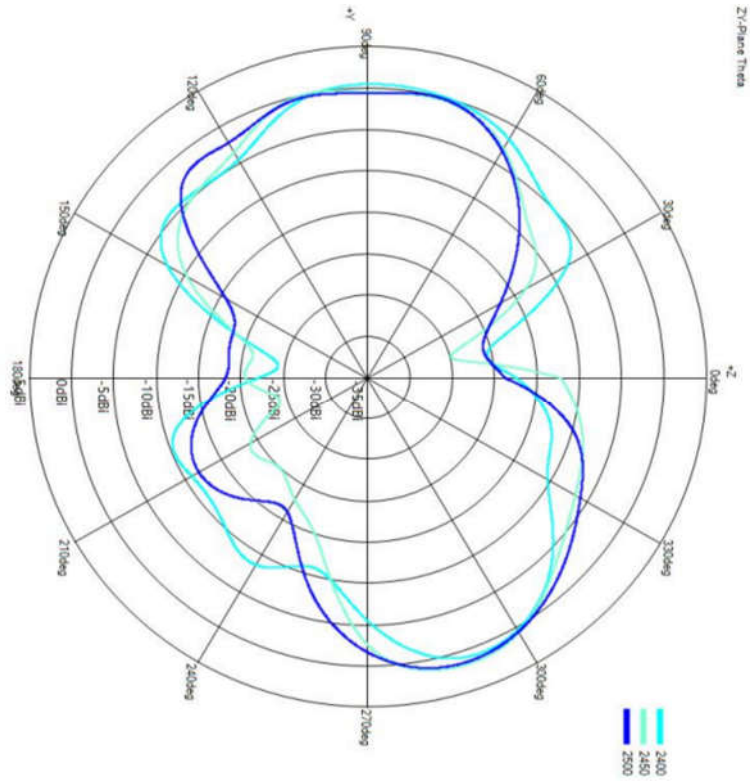
YZ_Pol_Phi_Ant.6



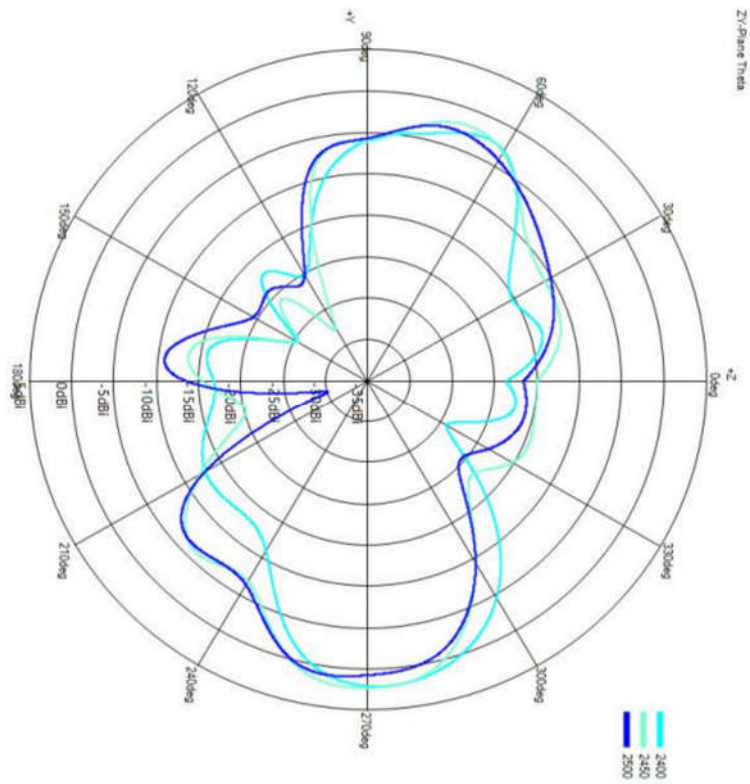
YZ_Pol_Phi_Ant.7



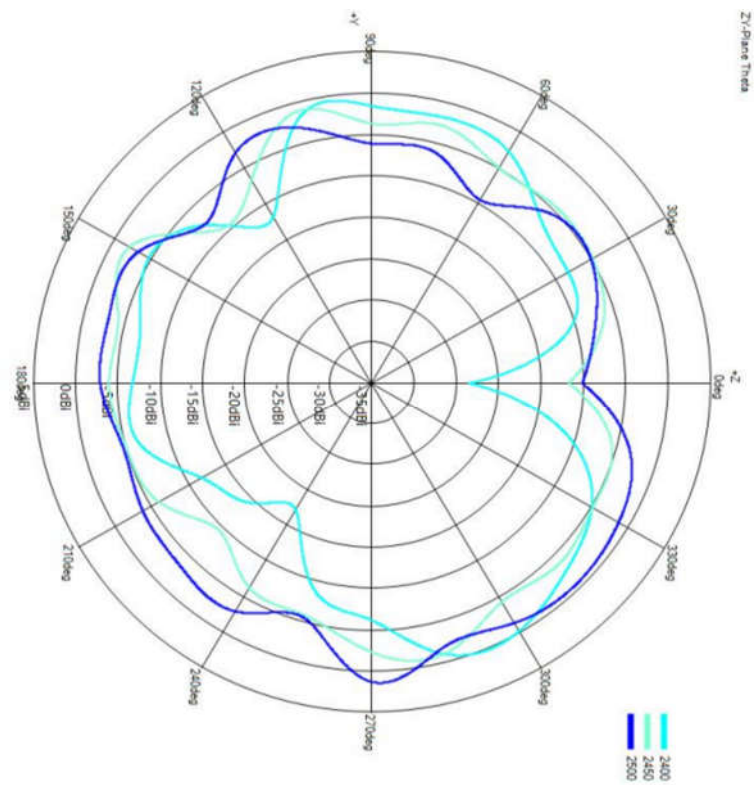
YZ_Pol_Phi_Ant.8



YZ_Pol_theta_Ant.7

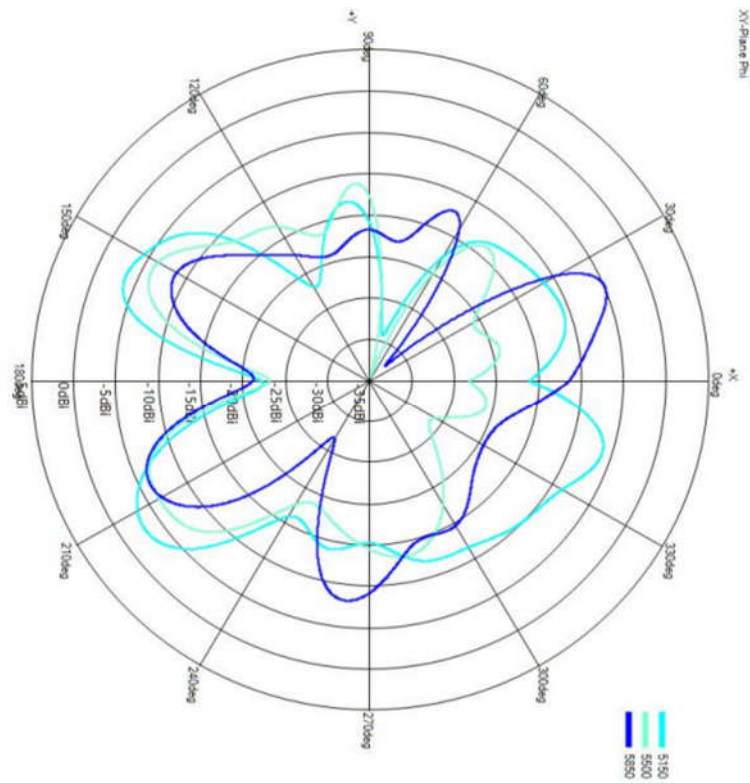


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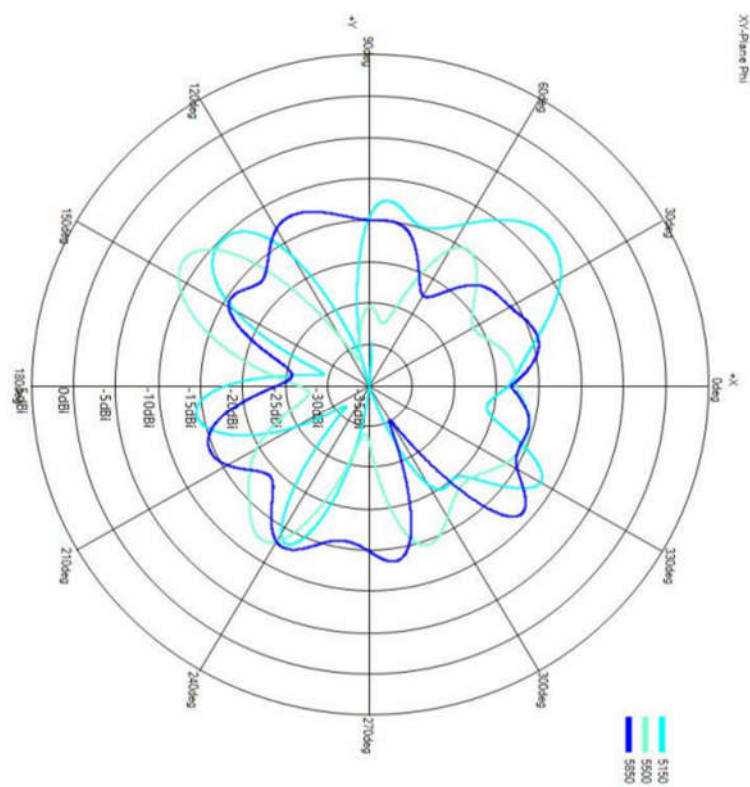


Ant. Position: 5G Ant.5~8

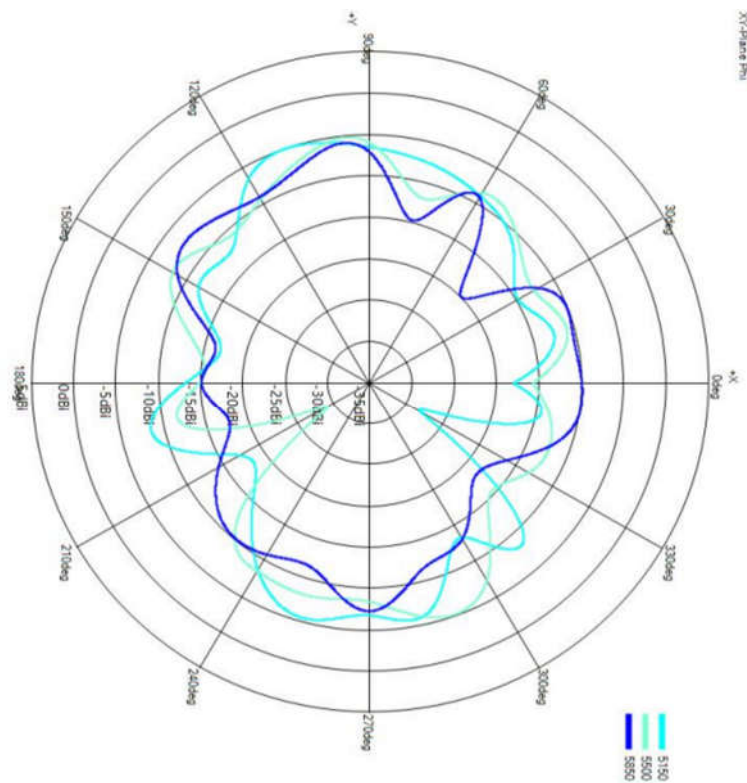
XY_Pol_Phi_Ant.5



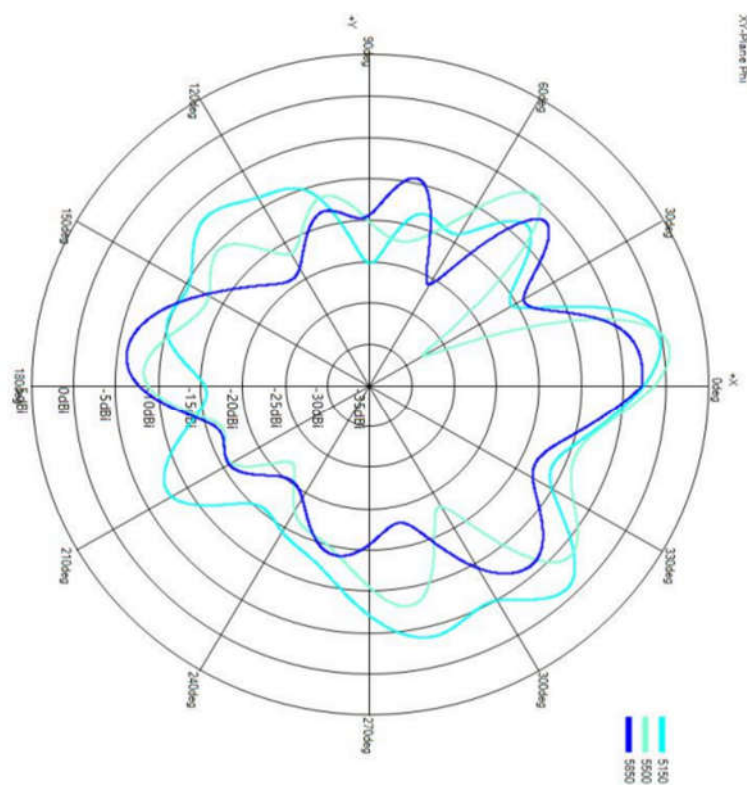
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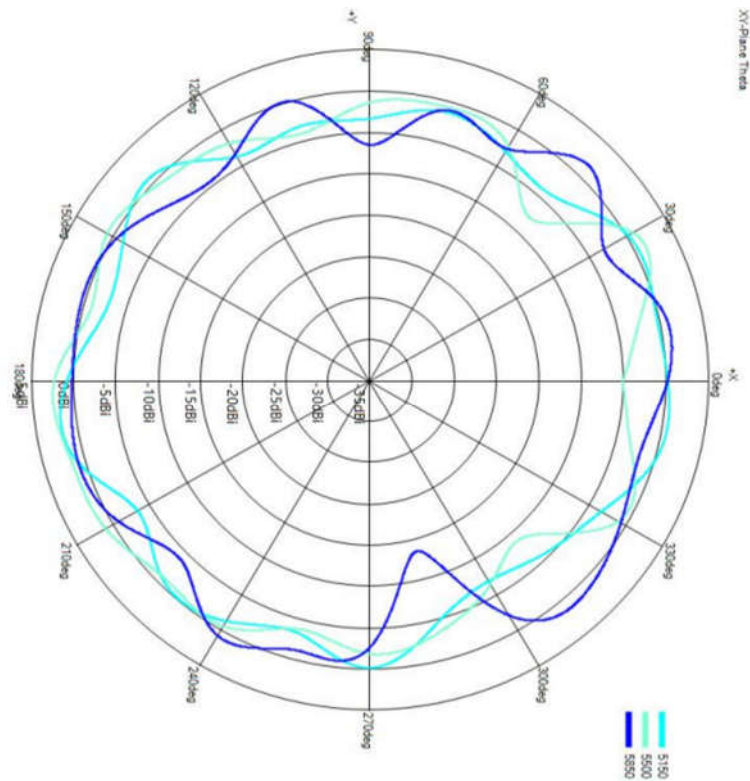
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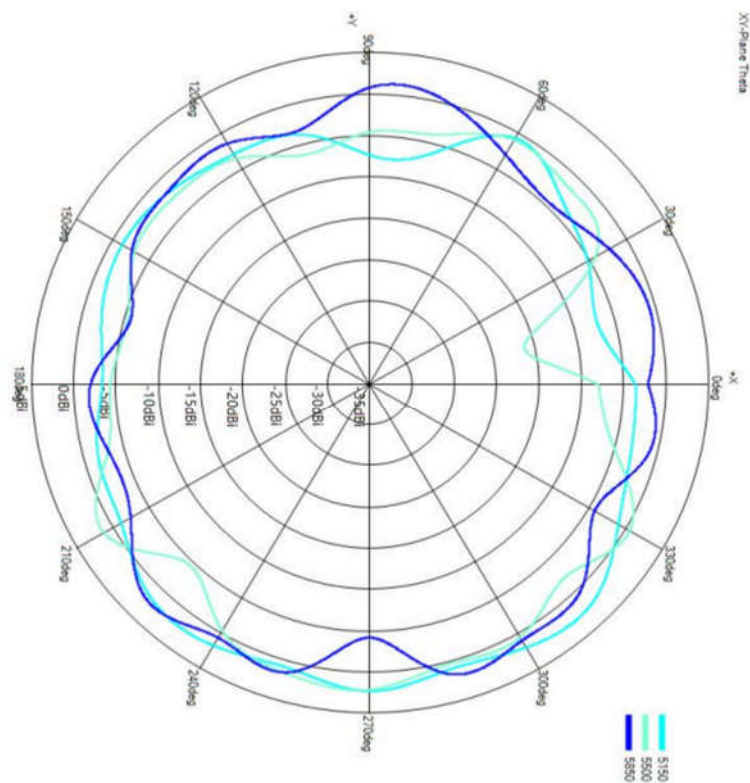
XY_Pol_Phi_Ant.8



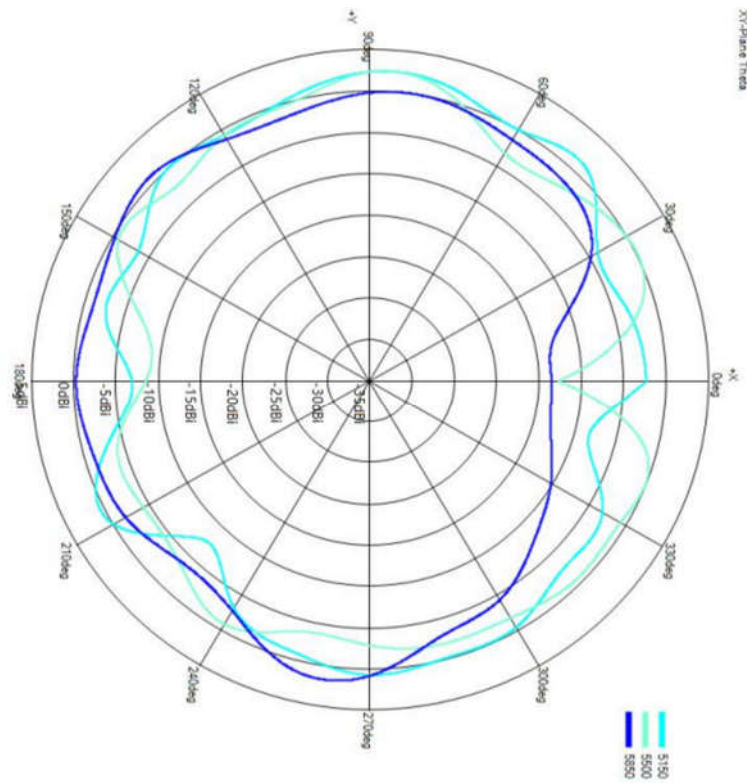
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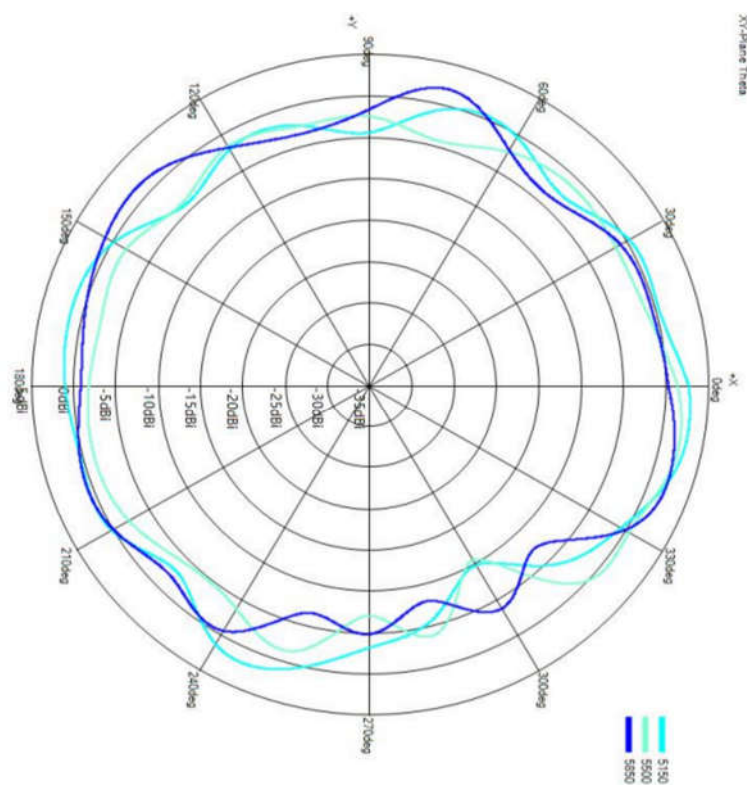
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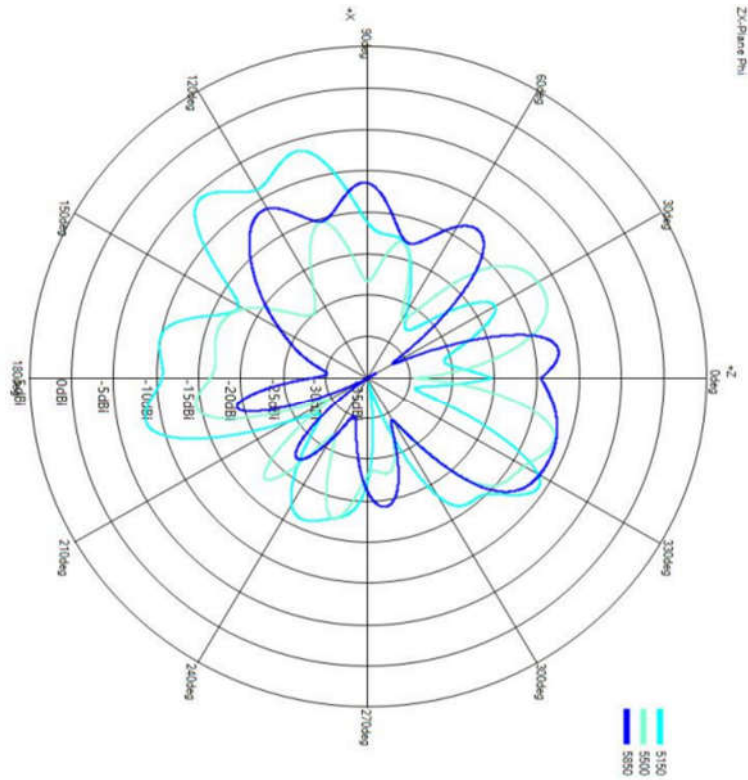
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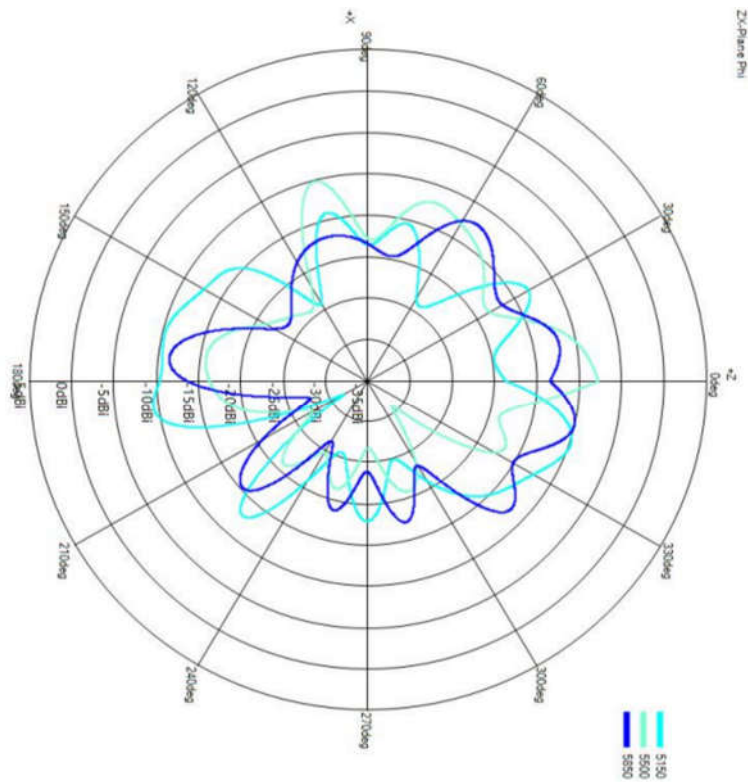
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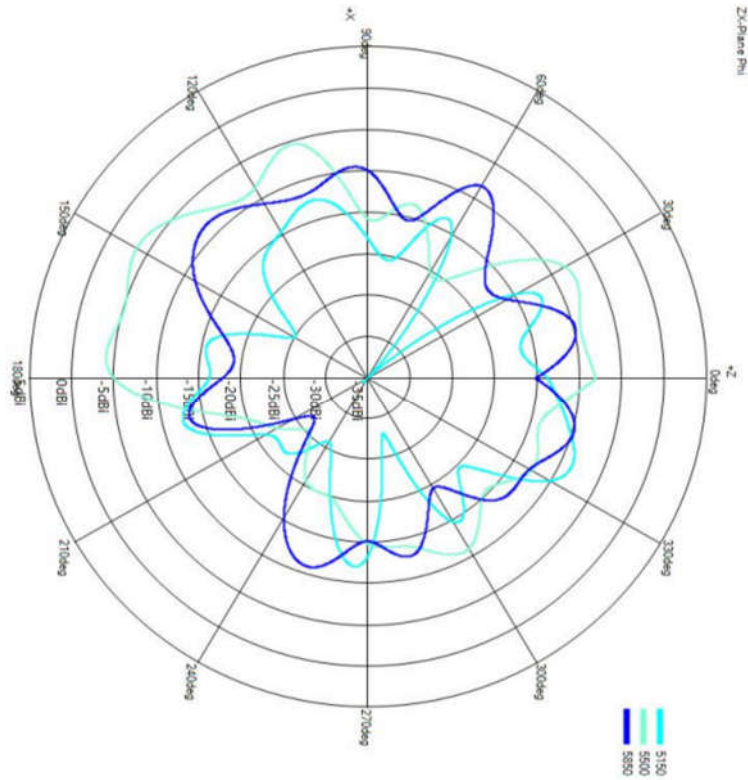
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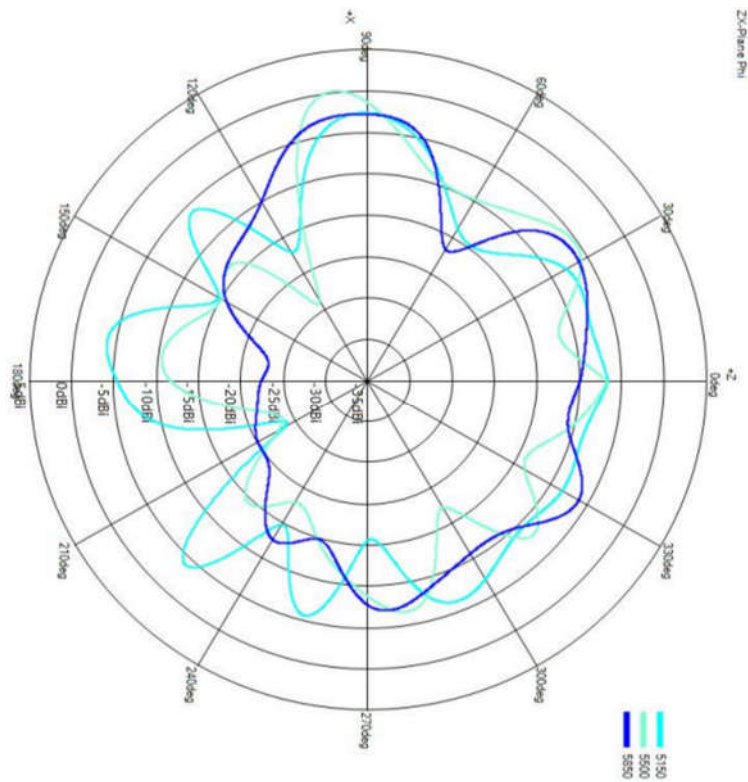
XZ_Pol_Phi_Ant.6



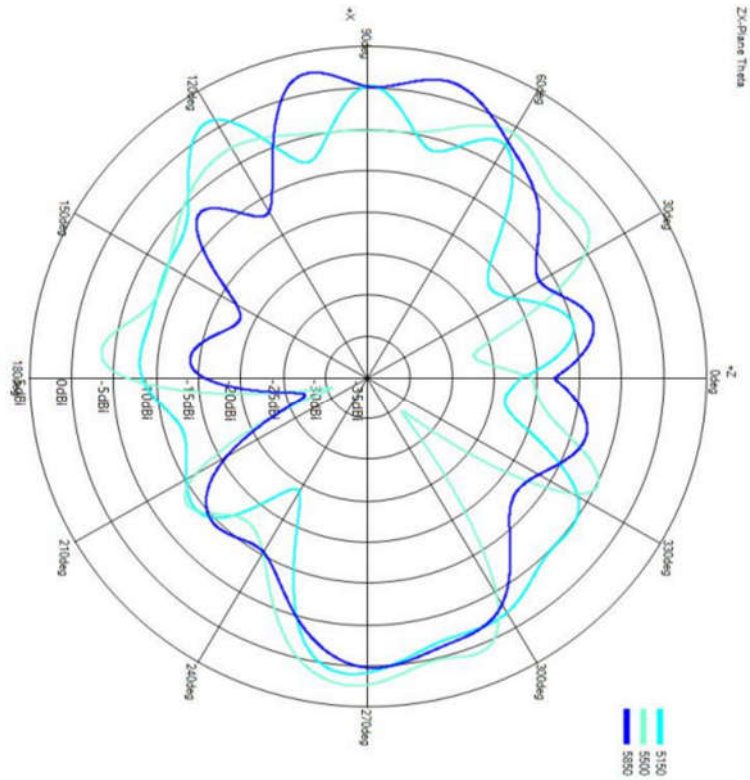
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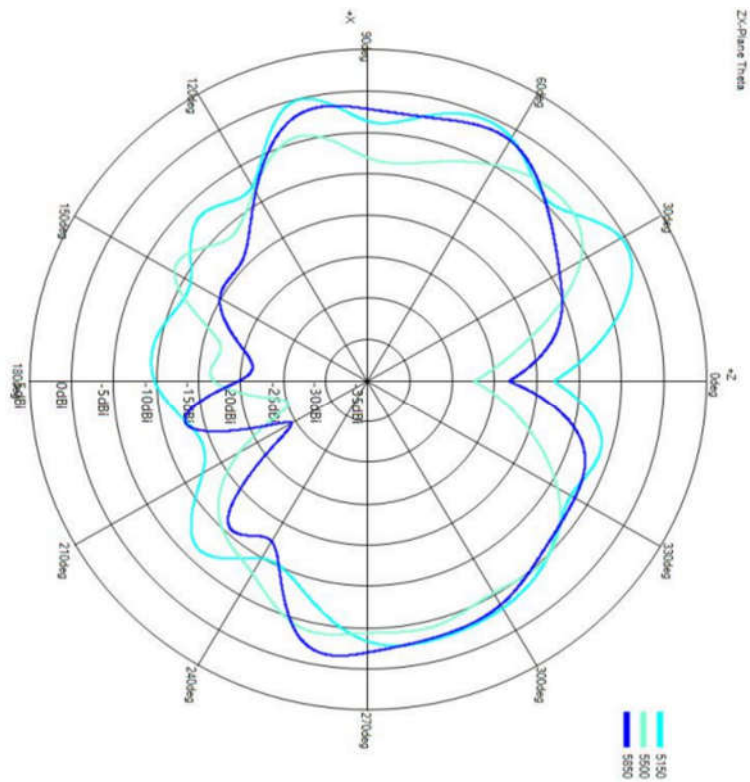
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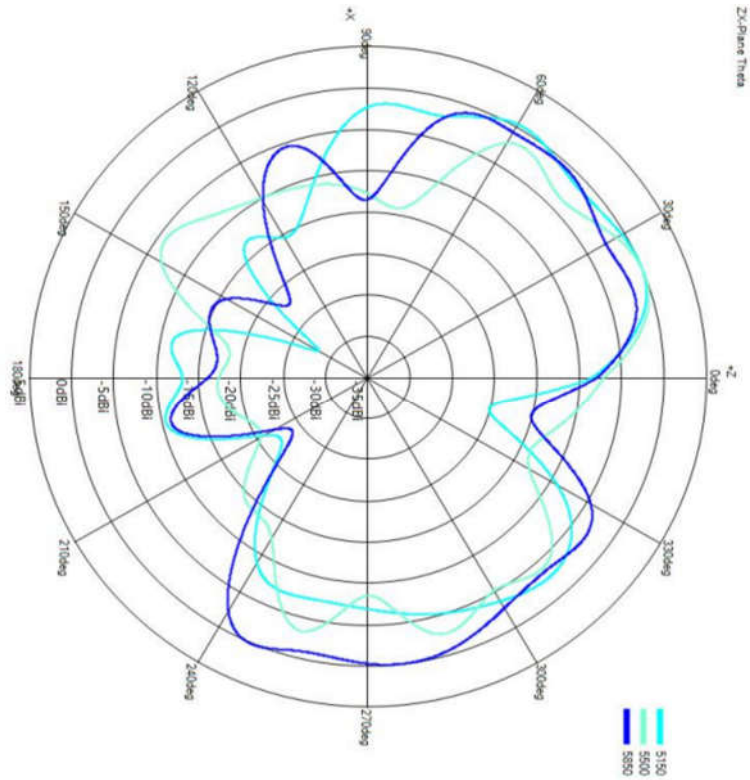
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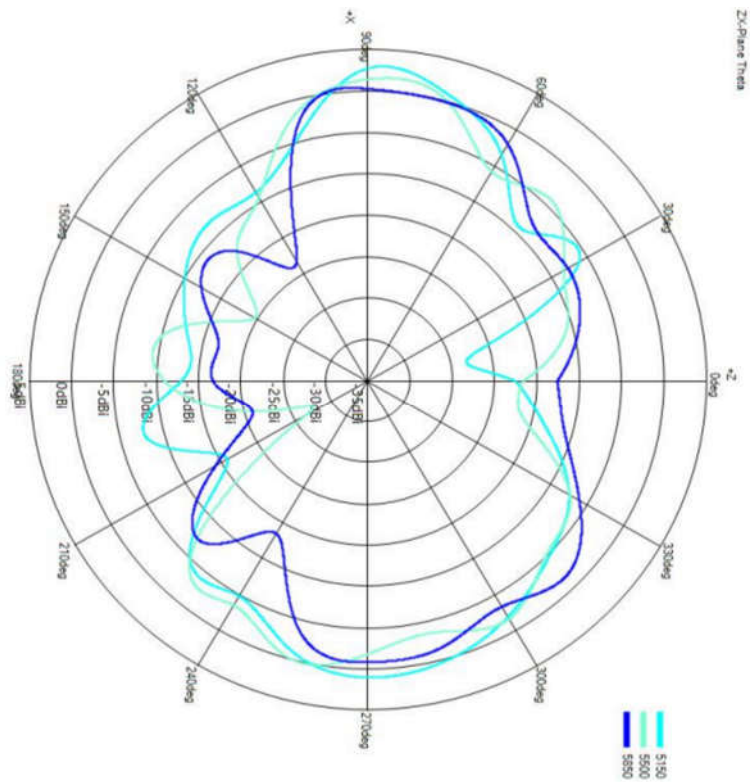
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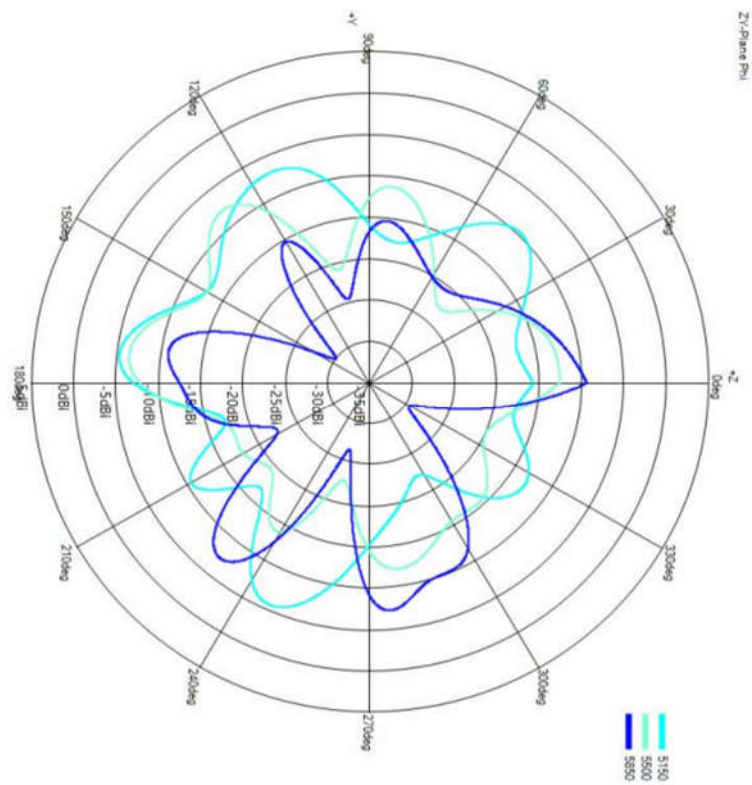
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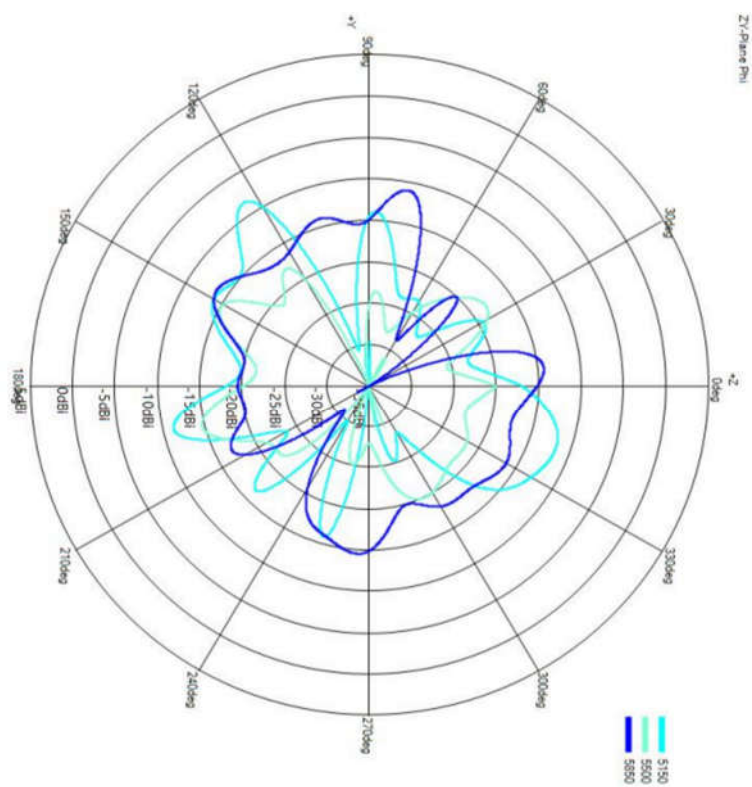
XZ_Pol_theta_Ant.8



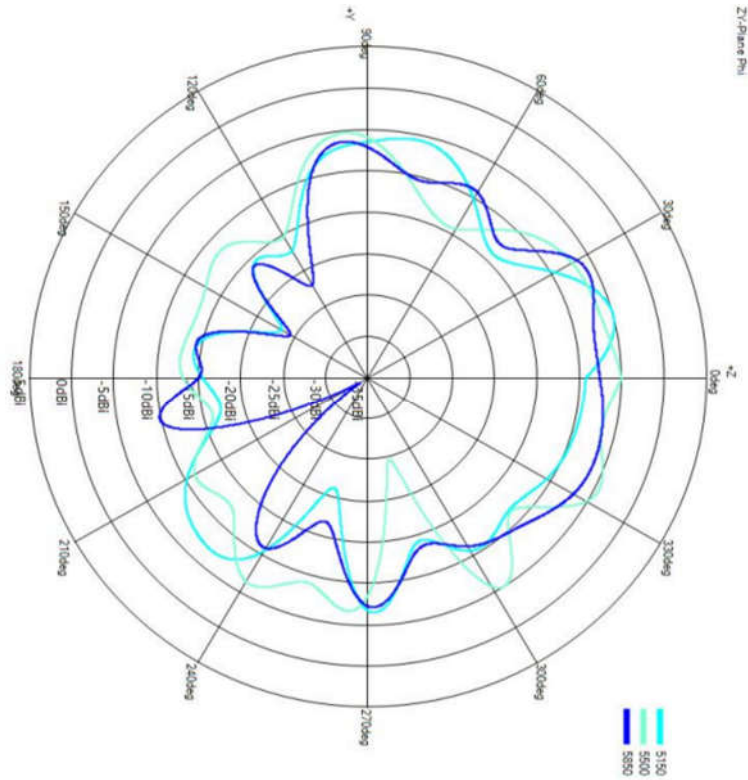
YZ_Pol_Phi_Ant.5



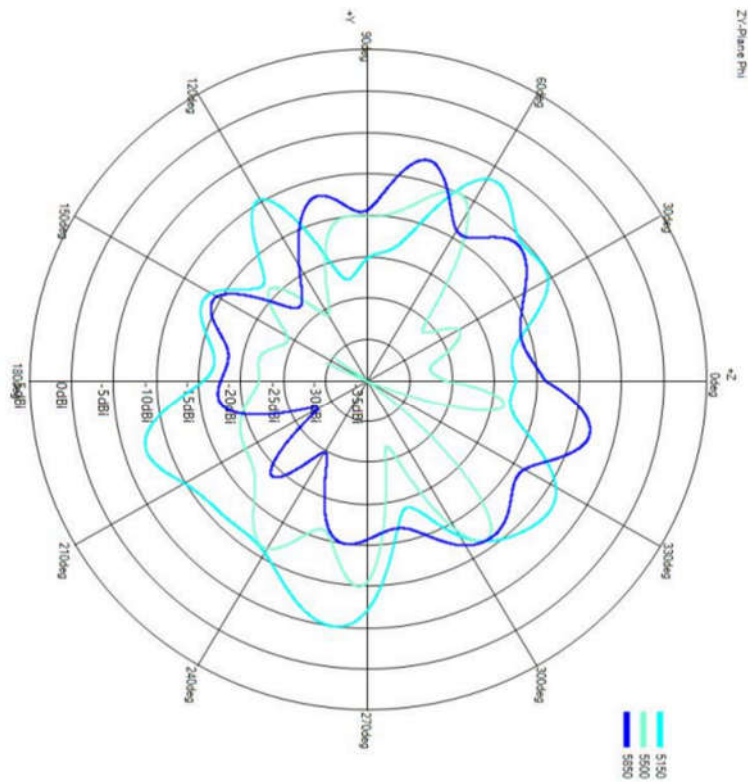
YZ_Pol_Phi_Ant.6



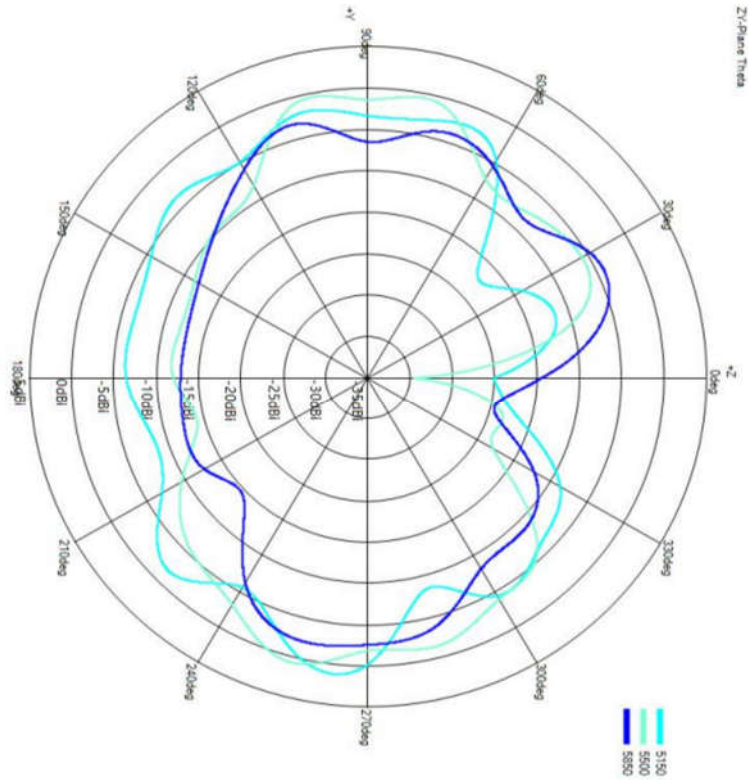
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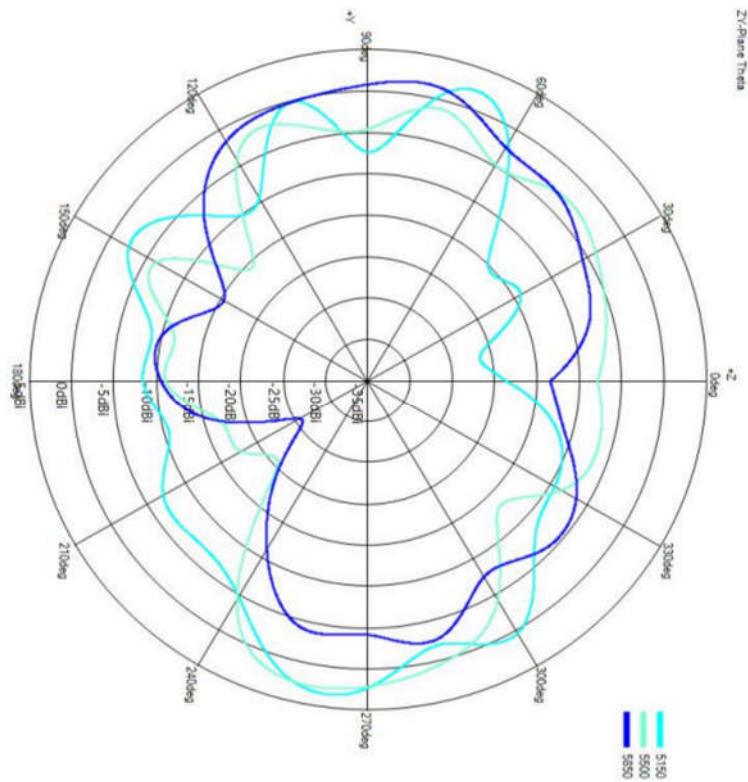
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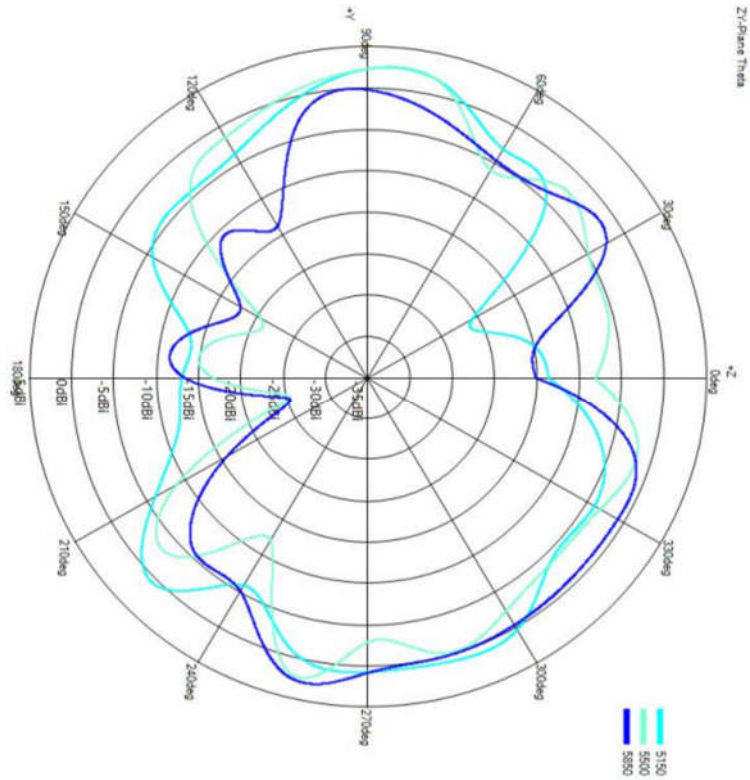
YZ_Pol_theta_Ant.5



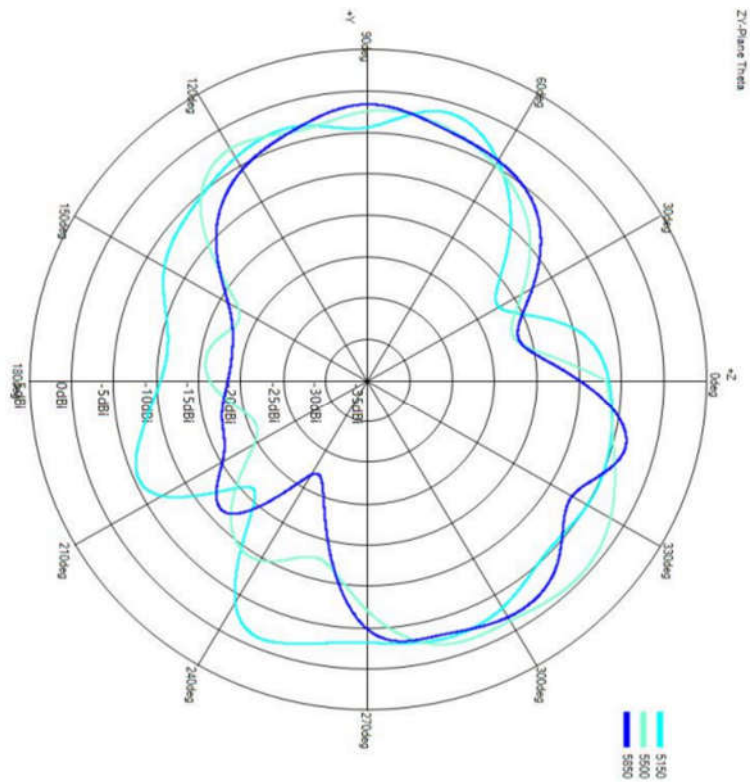
YZ_Pol_theta_Ant.6



YZ_Pol_theta_Ant.7

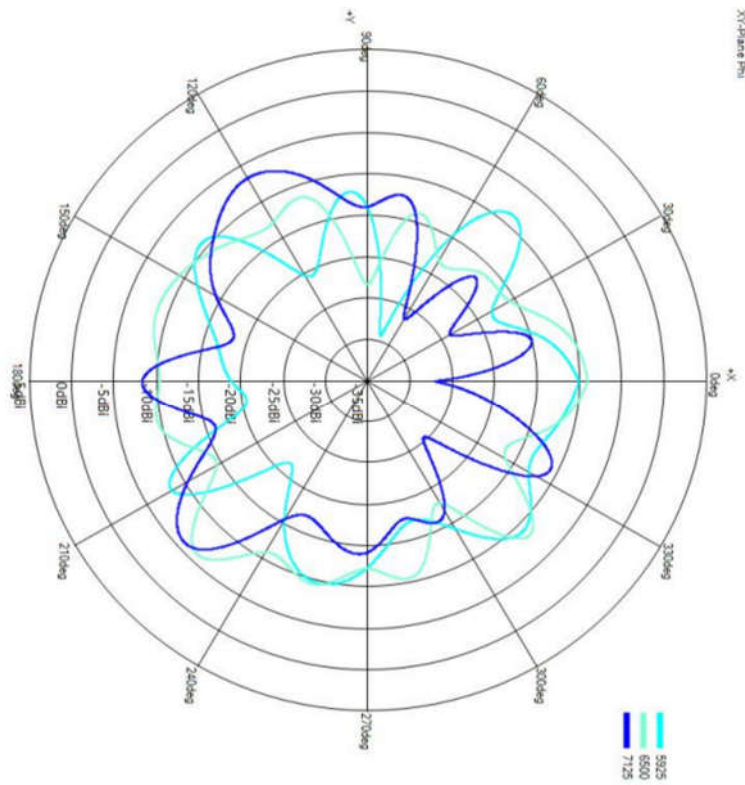


YZ_Pol_theta_Ant.8

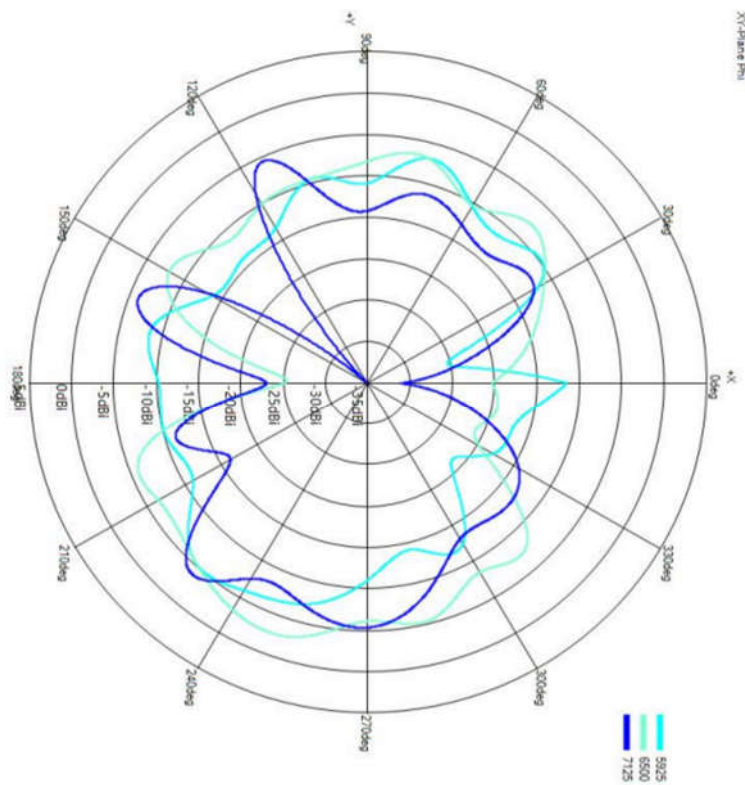


Ant. Position: 6G Ant.1~4

XY_Pol._Phi_Ant.1

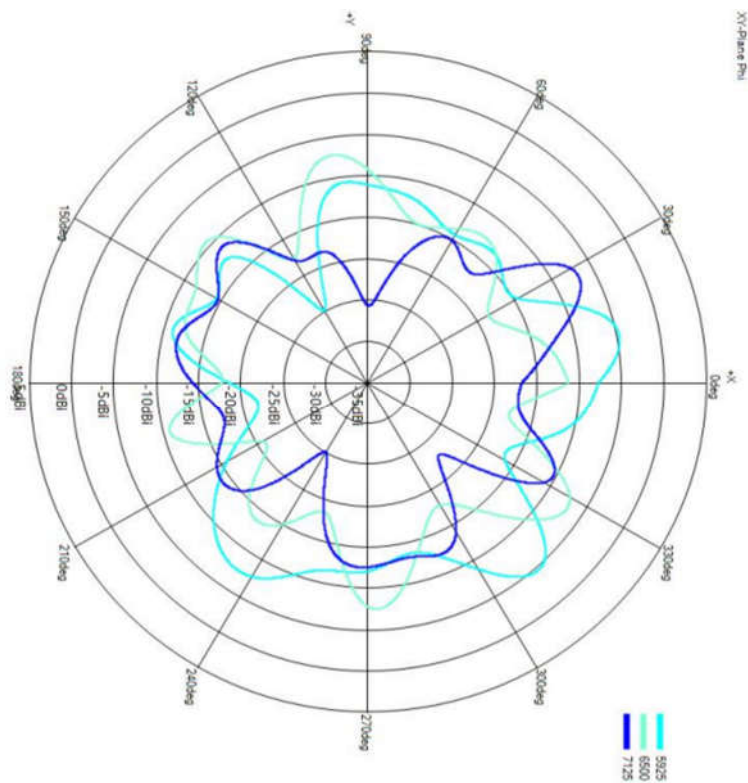


XY_Pol._Phi_Ant.2

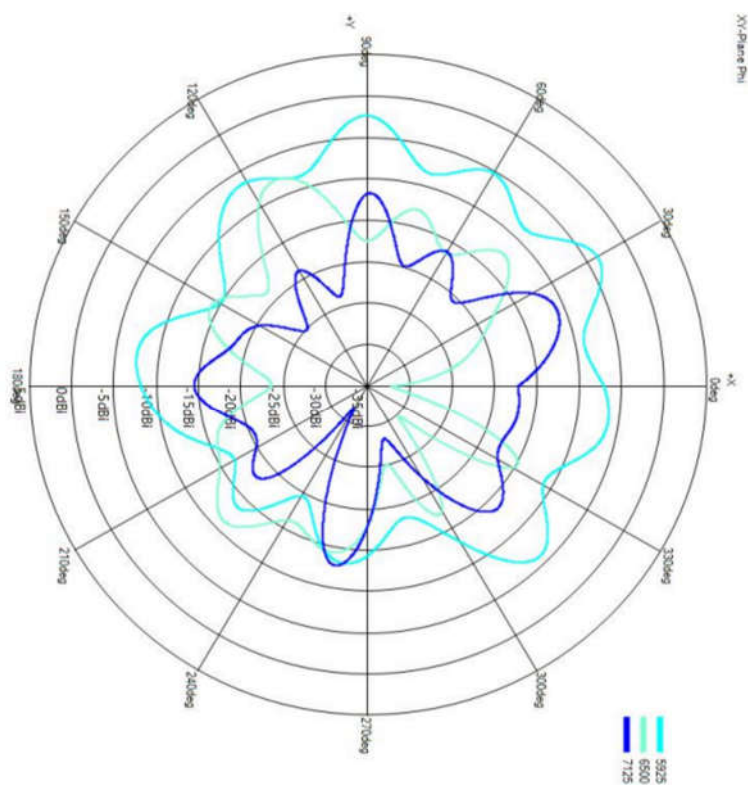


XY_Pol._Phi_Ant.3

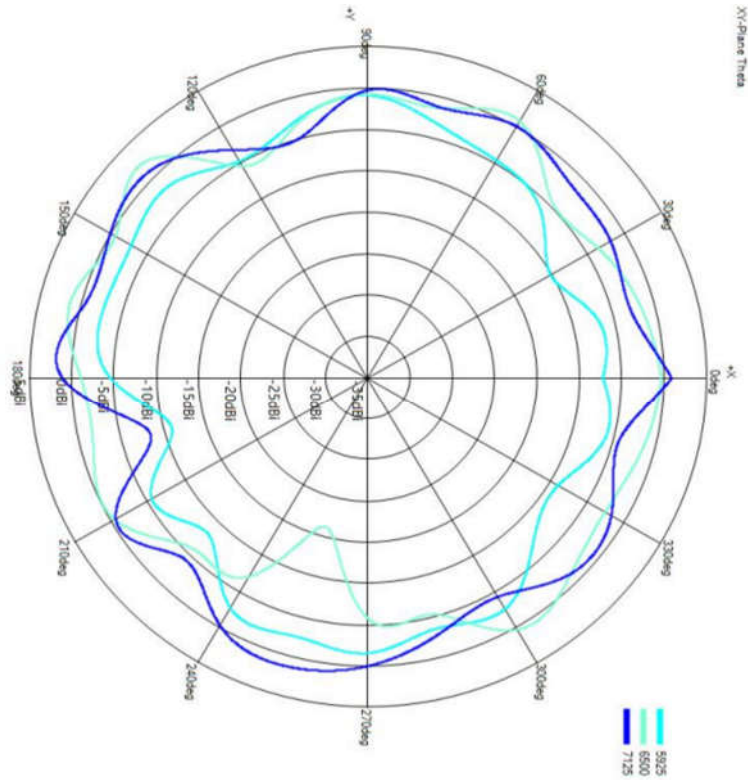
Regulatory WIFI Antenna Information



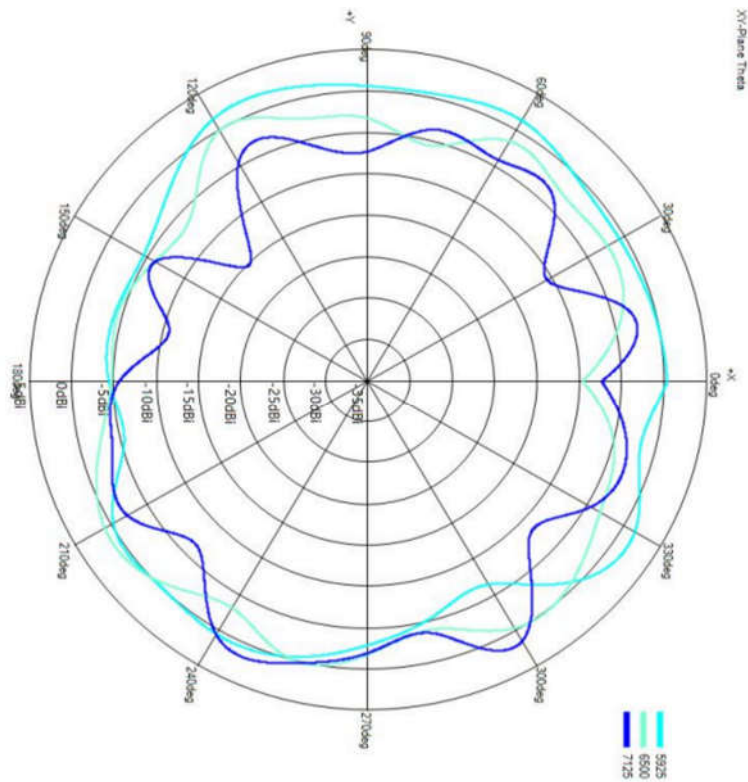
XY_Pol_Phi_Ant.4



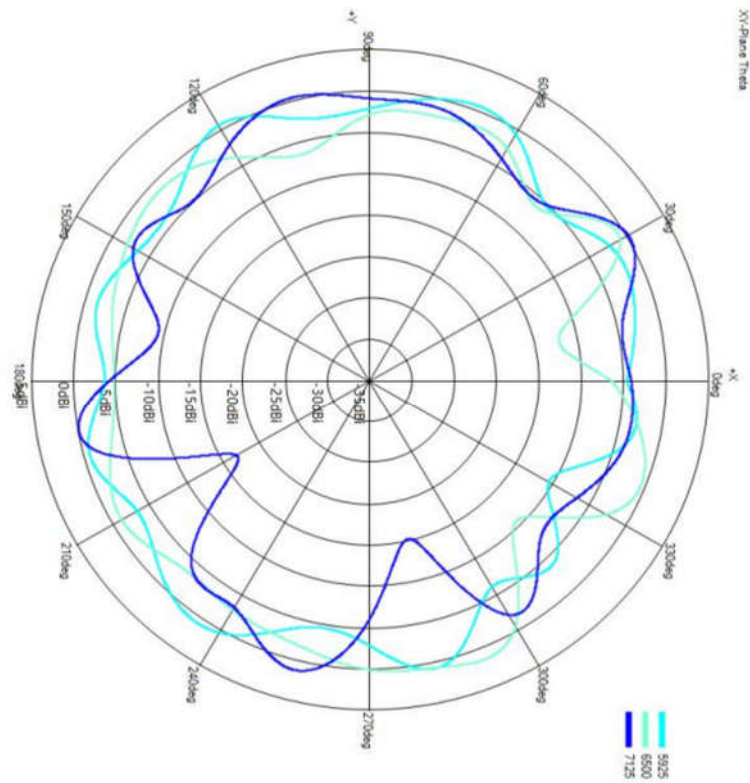
XY_Pol_theta_Ant.1



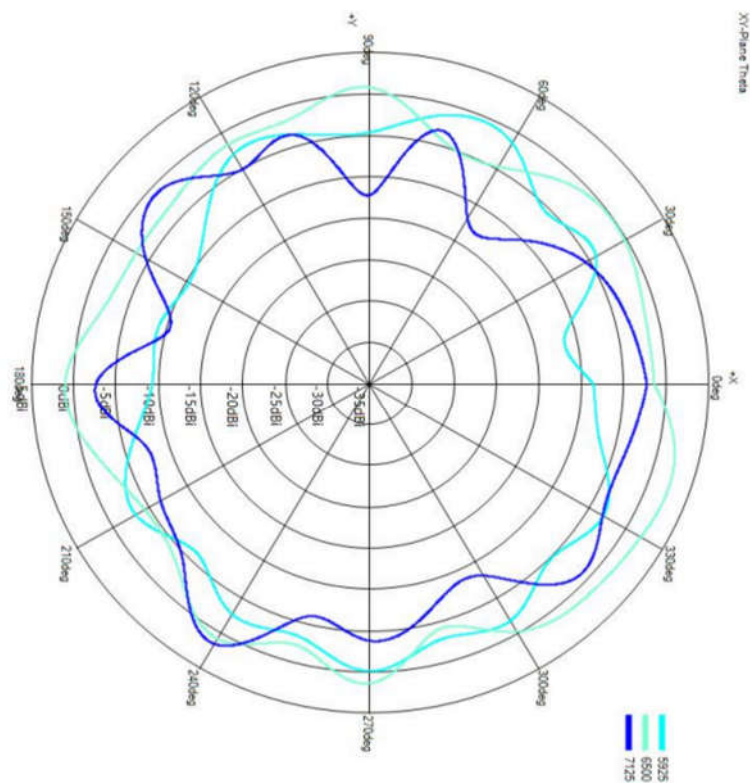
XY_Pol._theta_Ant.2



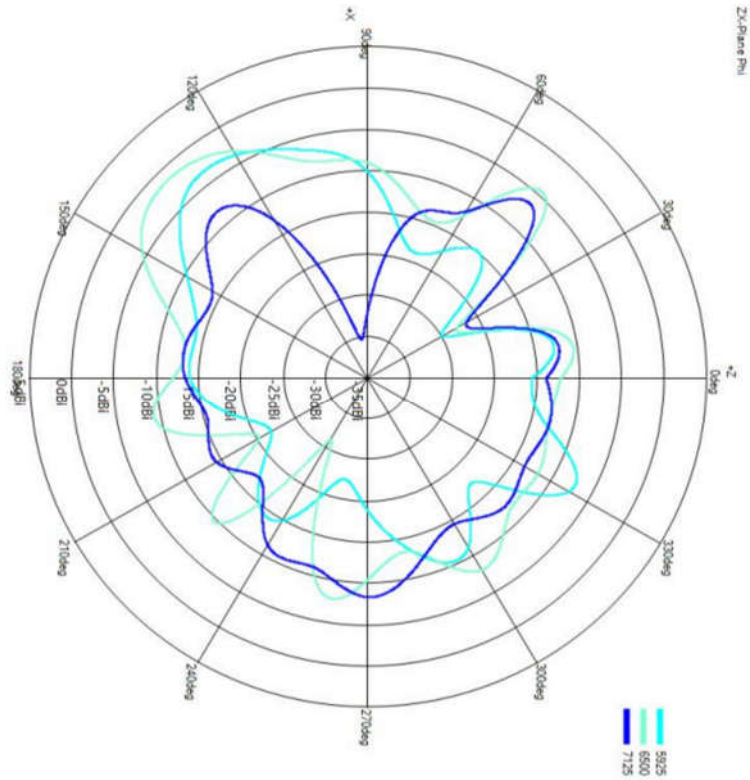
XY_Pol._theta_Ant.3



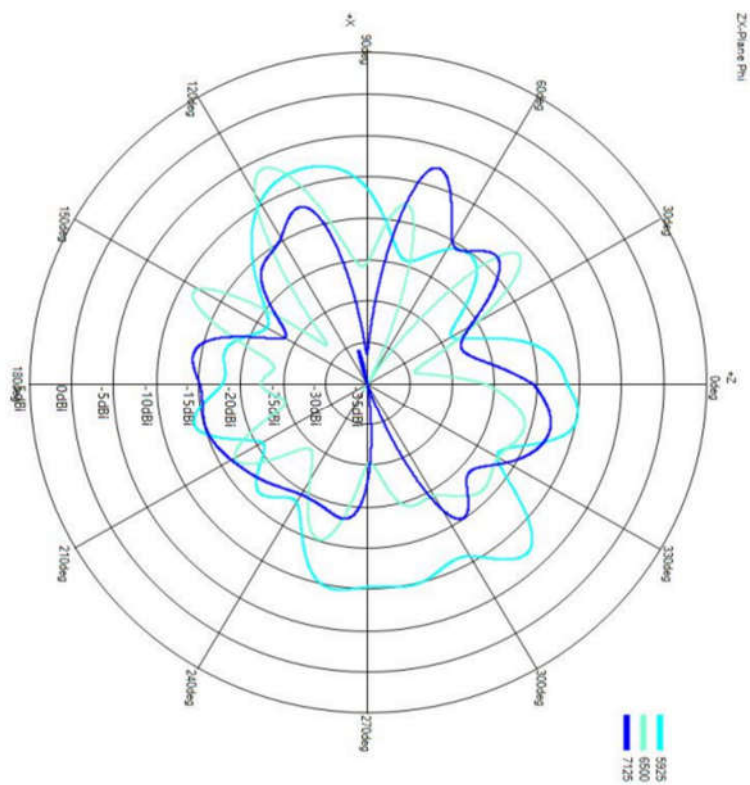
XY_Pol._theta_Ant.4



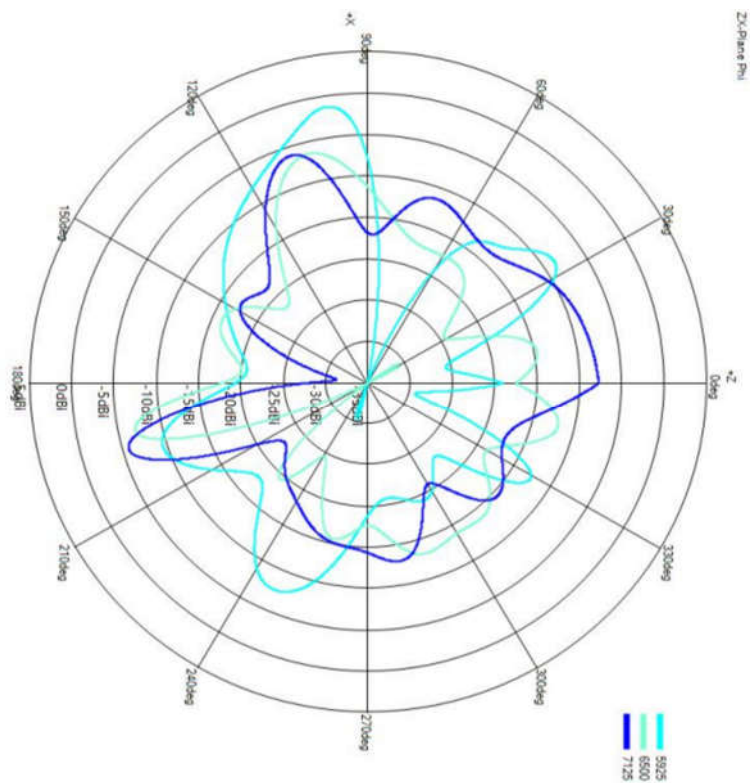
XZ_Pol._Phi_Ant.1



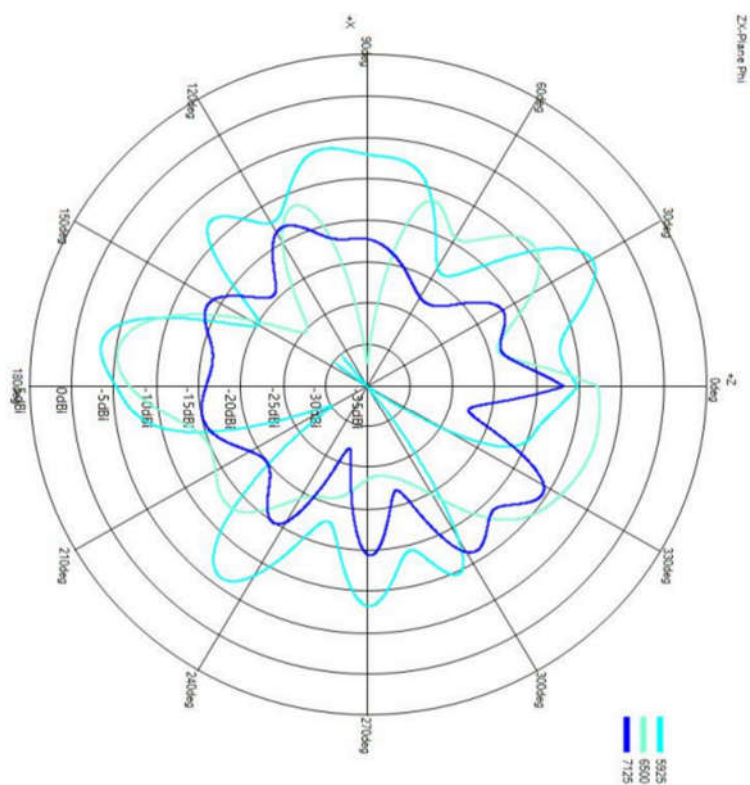
XZ_Pol_Phi_Ant.2



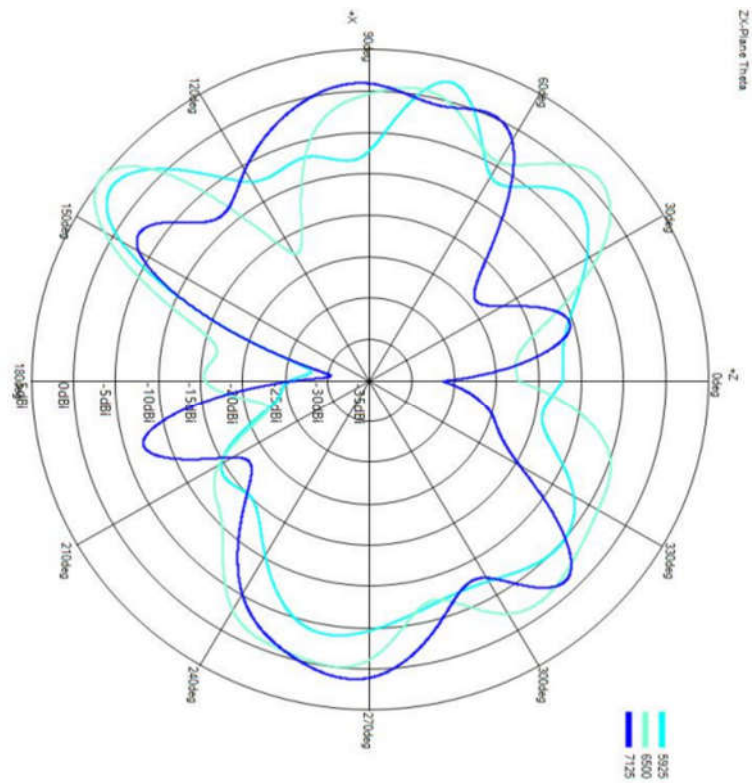
XZ_Pol_Phi_Ant.3



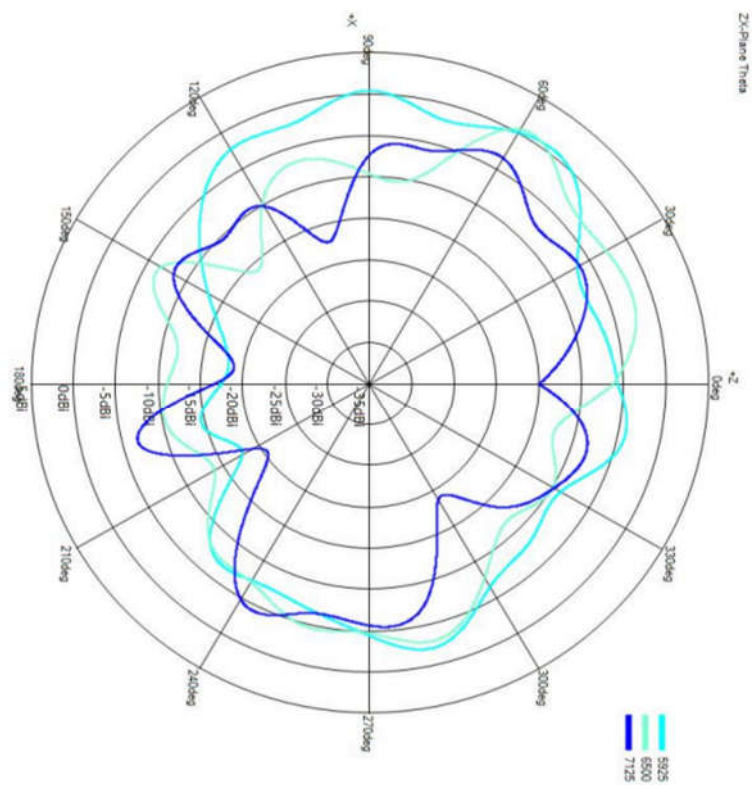
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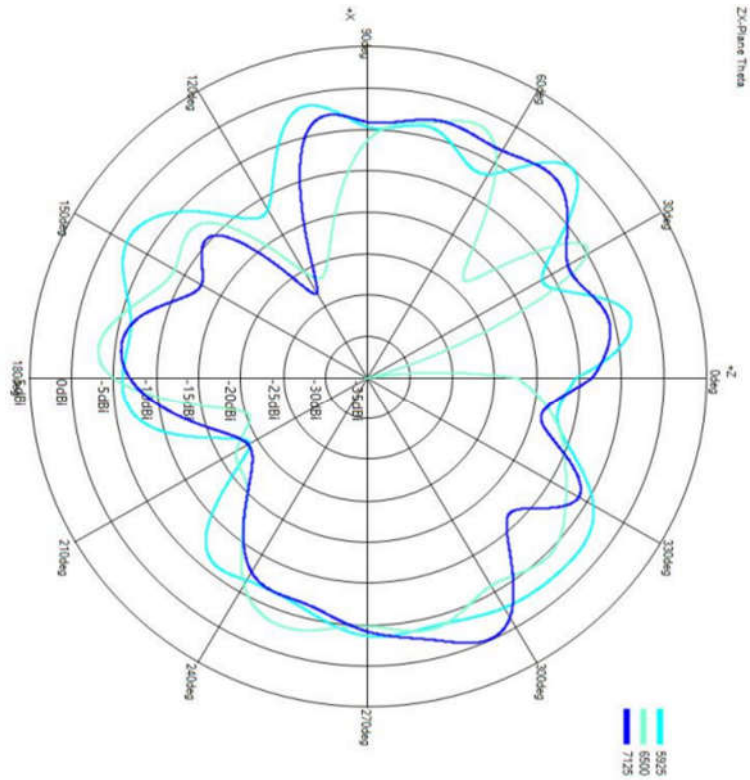
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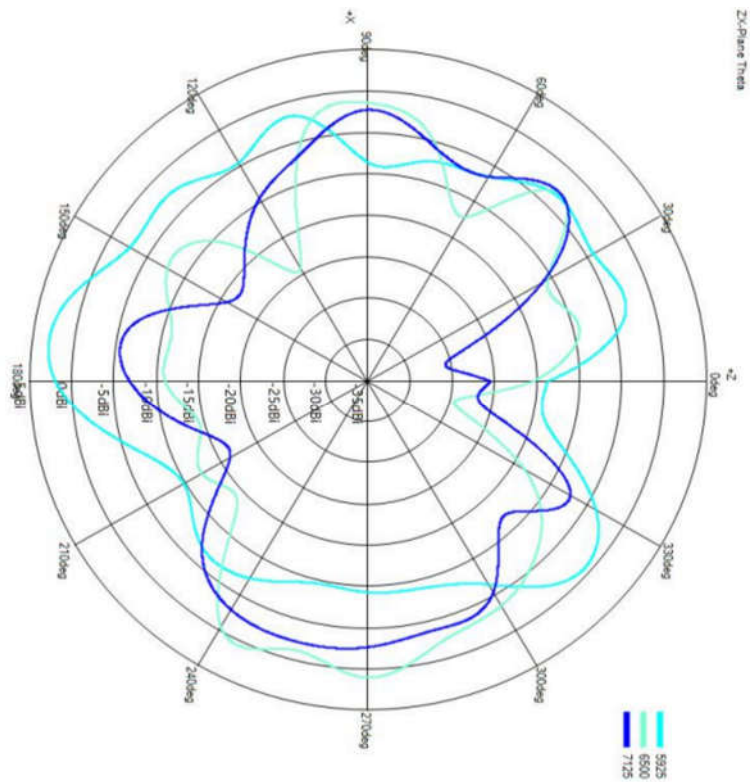
XZ_Pol_theta_Ant.2



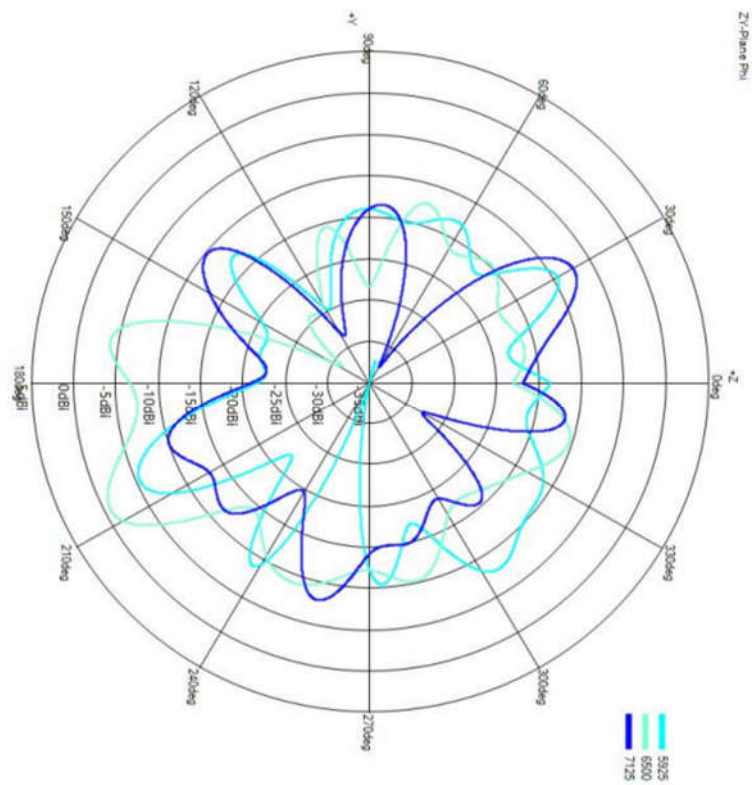
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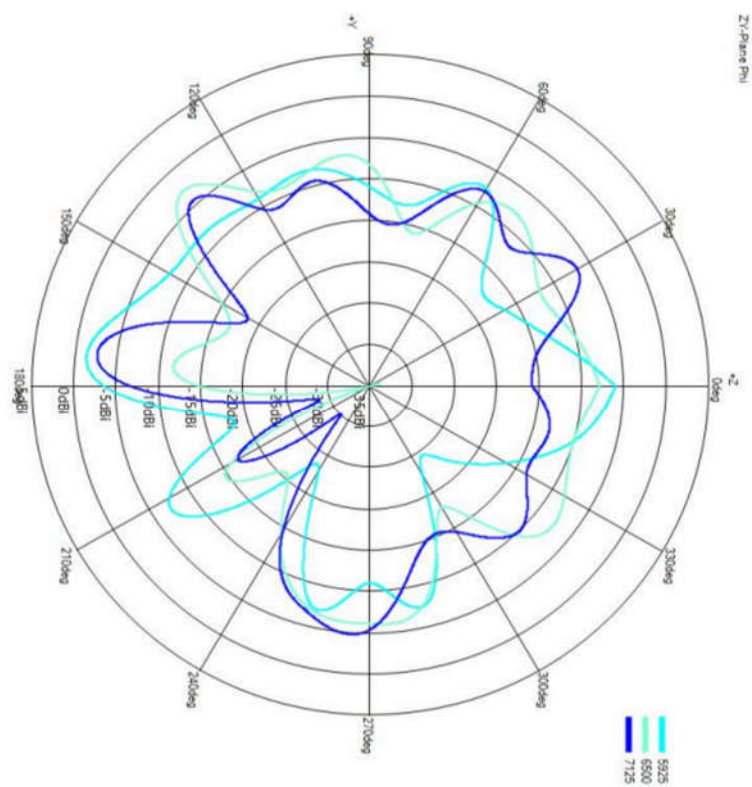
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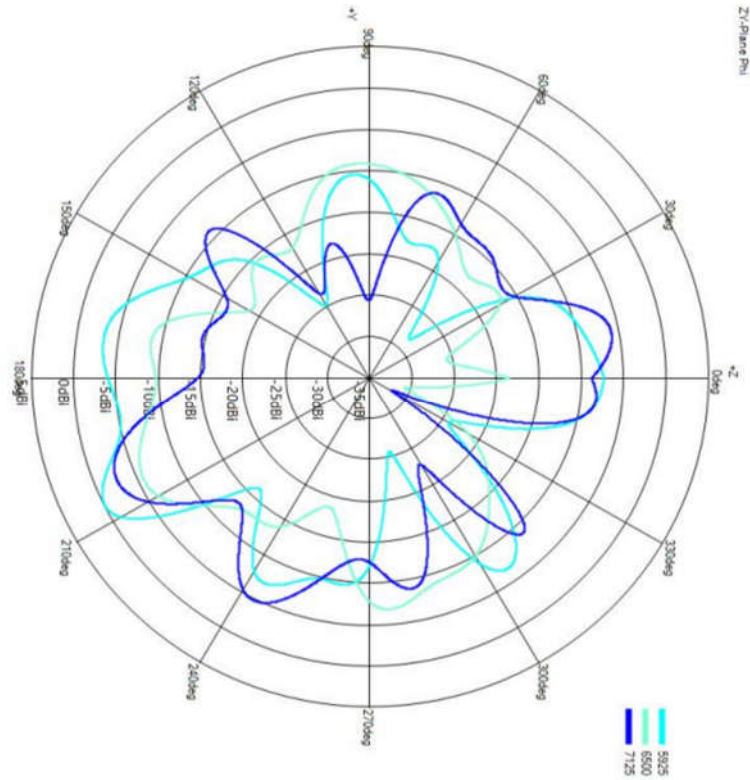
YZ_Pol_Phi_Ant.1



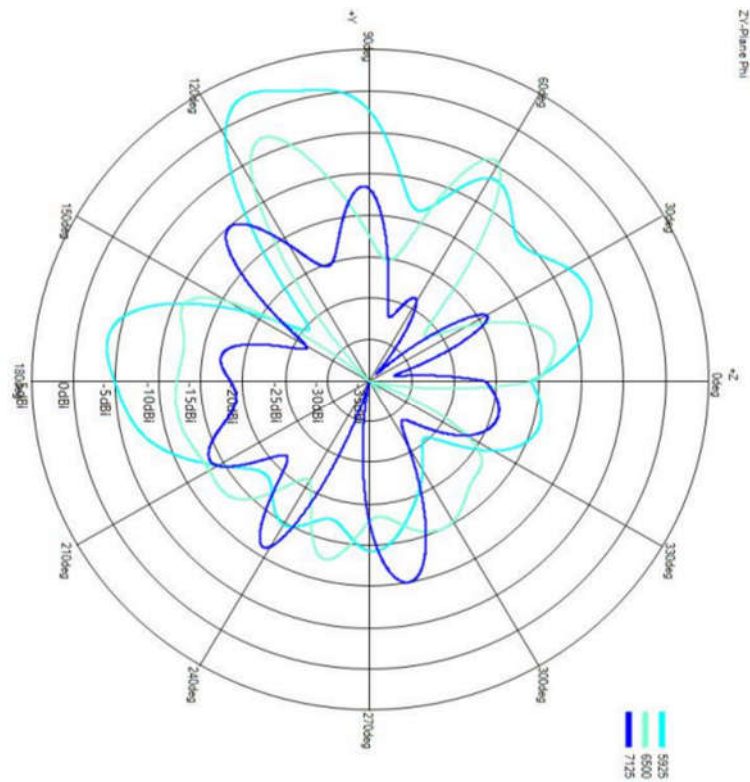
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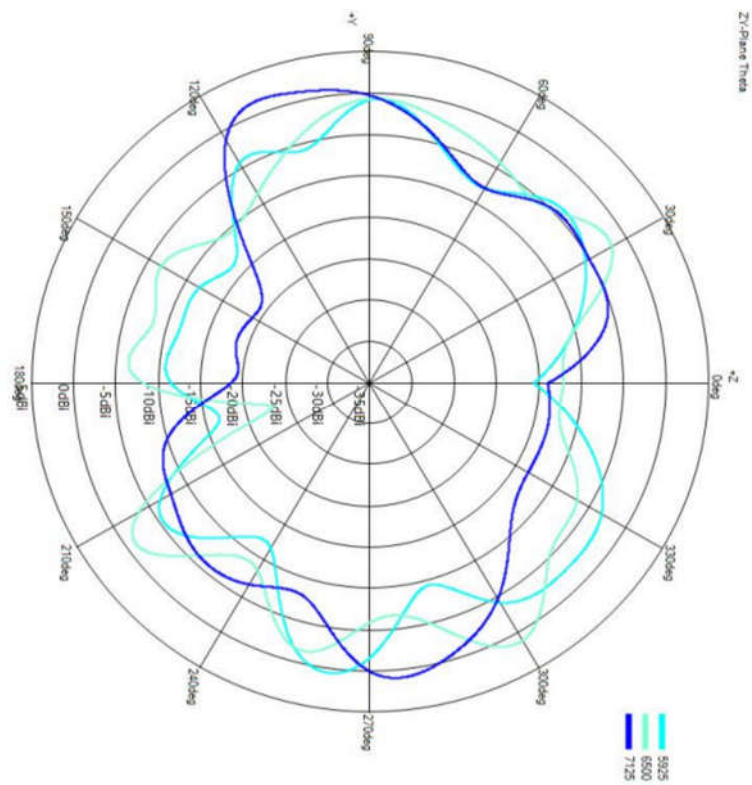
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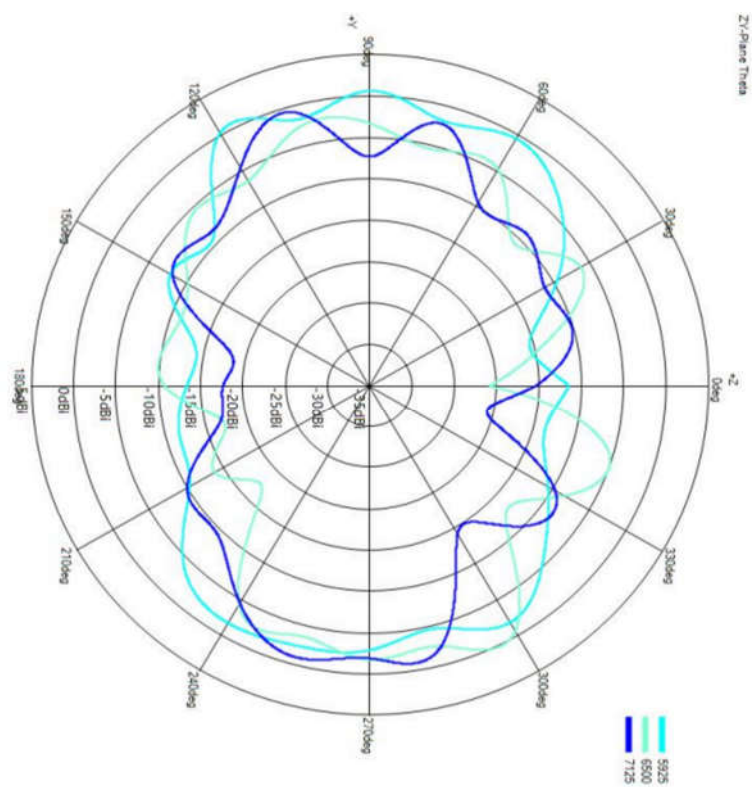
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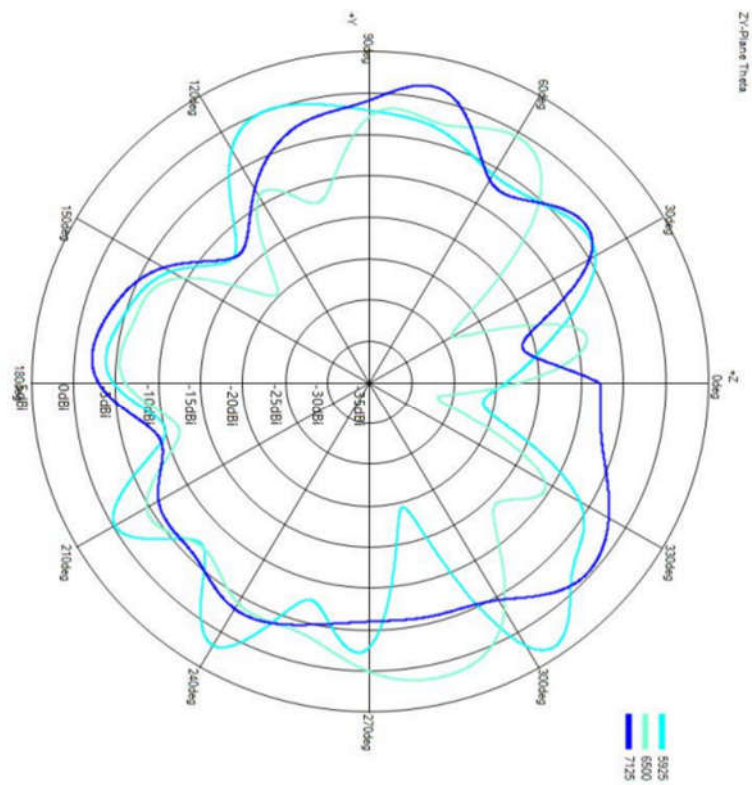
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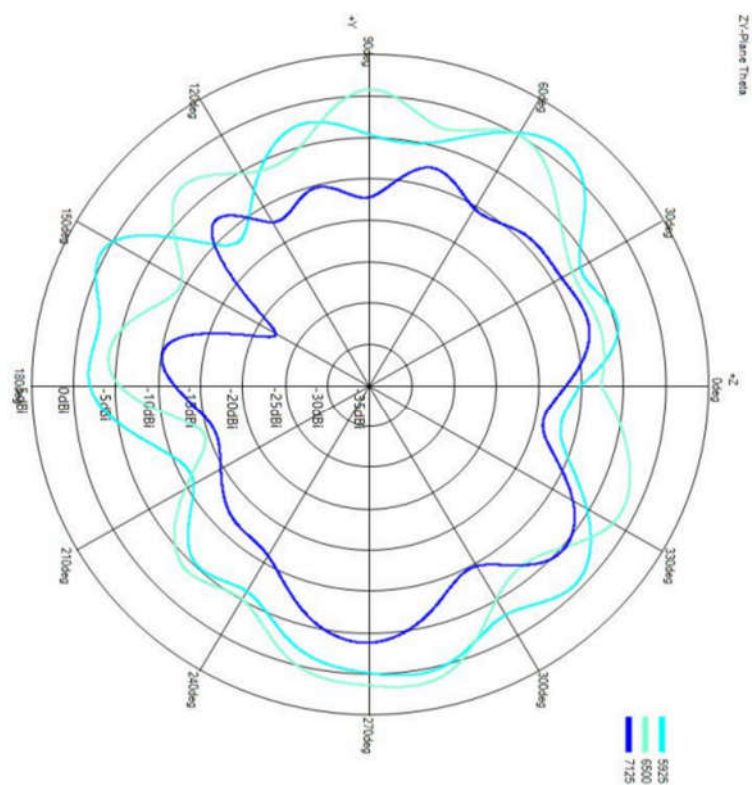
YZ_Pol._theta_Ant.2



YZ_Pol._theta_Ant.3



YZ_Pol_theta_Ant.4



Appendix _Radiated Total Gain Result

Ant. Position: 2G ANT 5 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-18.7	-13.32	-19.89	-18.61	-19.99	-15.27	-11.34	-9.17	-5.37	-9.54	-16.64	-12.86	-12.86
2400	15	-19.08	-14.63	-16.59	-14.35	-14.92	-11.49	-10.08	-10.89	-6.54	-17.62	-14.41	-19	-19
2400	30	-20.58	-15.42	-13.38	-11.1	-11.96	-7.69	-15.02	-8.93	-4.96	-5.33	-10.39	-6.83	-6.83
2400	45	-22.12	-13.48	-14	-14.03	-15.17	-7.87	-15.35	-13.37	-7.09	-6.65	-4.48	-9.64	-9.64
2400	60	-22.91	-13.26	-14.07	-20.47	-15.66	-12.08	-11.43	-10.62	-12.84	-8.34	-6.61	-11.19	-11.19
2400	75	-27.57	-13.95	-12.88	-29.33	-27.47	-12.83	-18.05	-22.88	-21.85	-19.28	-15.5	-17.43	-17.43
2400	90	-28.46	-13.17	-17	-28.83	-29.27	-16	-8.16	-5.78	-10.92	-11.13	-9.38	-8.73	-8.73
2400	105	-26.11	-12.24	-14.52	-14.54	-15.46	-14.4	-9.71	-6.87	-7.3	-7.96	-3.61	-5.25	-5.25
2400	120	-27.52	-14.09	-9.11	-6.98	-9.97	-6.91	-6.7	-13.37	-10.92	-5.09	-3.48	-8.89	-8.89
2400	135	-25.68	-14.86	-6.4	-5.84	-8.4	-2.27	-3.85	-8.23	-18.92	-6.74	-2.26	-3.42	-3.42
2400	150	-22.83	-15.04	-7.03	-8.15	-9.46	-1.87	-4.37	-8.53	-21.57	-9.9	-6.51	-3.3	-3.3
2400	165	-19.48	-16.77	-9.69	-11.15	-11.85	-5.24	-7.63	-15.55	-16.2	-13.49	-8.54	-5.59	-5.59
2400	180	-17.56	-24.25	-15.46	-17.7	-13.05	-8.76	-19.58	-29.42	-13.45	-14.08	-13.57	-10.09	-10.09
2400	195	-17.14	-28.95	-21.76	-24.03	-14.49	-8.49	-11.49	-18.59	-21.22	-13.08	-8.88	-9.1	-9.1
2400	210	-16.87	-19.54	-15.06	-17.43	-11.82	-3.04	-9.63	-11.75	-13.45	-5.59	-2.78	-3.61	-3.61
2400	225	-16.96	-18.17	-11.03	-11.79	-12.5	-5.95	-6.07	-10.14	-9.03	-1.92	-0.74	-4.97	-4.97
2400	240	-17.8	-16.76	-10.96	-12.83	-13.37	-13.88	-7.7	-5.38	-8.14	-3.94	-0.42	-3.51	-3.51
2400	255	-19.65	-18.98	-14.31	-18.09	-20.48	-17.65	-9.59	-5.34	-14.21	-5.05	-4.04	-4.44	-4.44
2400	270	-22.67	-34.45	-18.21	-15.5	-13.41	-12.61	-14.58	-9.36	-9.65	-22.47	-9.23	-8.48	-8.48
2400	285	-25.09	-16.42	-13.25	-11.08	-9.17	-21.92	-16.69	-20.99	-12.68	-14.29	-25.94	-18.83	-18.83
2400	300	-28.03	-11.95	-9.81	-9.52	-12.42	-10.9	-10.07	-10.92	-15.59	-14.31	-15.42	-22.68	-22.68
2400	315	-28.49	-10.27	-9.49	-13.44	-21.33	-27.24	-5.15	-3.59	-7.26	-10.49	-9.59	-16.49	-16.49
2400	330	-21.13	-10.67	-10.91	-22.74	-17.37	-6.79	-14.86	-16.38	-13.28	-15.68	-20.63	-12.23	-12.23
2400	345	-20.16	-11.32	-15.87	-26.09	-14.1	-17.28	-12.85	-7.09	-6.07	-8.91	-14.19	-12.19	-12.19
2400	360	-18.7	-13.32	-19.89	-18.61	-19.99	-15.27	-11.34	-9.17	-5.37	-9.54	-16.64	-12.86	-12.86
2450	0	-14.95	-13.13	-17.6	-14.28	-20.84	-18.9	-13.79	-11.76	-7.6	-11.57	-16.9	-13.32	-13.32
2450	15	-16.81	-17.38	-15.98	-13.97	-17.5	-14.68	-13.67	-12.45	-9.88	-20.31	-19.9	-30.63	-30.63
2450	30	-20.14	-22.08	-15.25	-12.77	-14.27	-14.21	-17.25	-10.44	-7.15	-7.3	-14.14	-8.83	-8.83
2450	45	-30.69	-22.36	-14.69	-13.65	-18.21	-12.74	-18.69	-14.56	-9.13	-9.47	-6.49	-12.72	-12.72
2450	60	-24.2	-18.62	-14.13	-19.42	-20.67	-15.17	-12.71	-12.11	-13.67	-11.13	-8.7	-14.37	-14.37
2450	75	-18.66	-17.77	-16.12	-17	-29.17	-21.56	-27.59	-22.86	-21.77	-18.22	-13.96	-17.73	-17.73
2450	90	-14.99	-19.01	-28.56	-25.8	-28.53	-20.14	-14.87	-12.15	-15.49	-15.68	-11.37	-11.96	-11.96
2450	105	-13.82	-18.86	-14.97	-11.73	-16.36	-22.12	-16.68	-10.46	-11.98	-11.65	-6.87	-6.68	-6.68
2450	120	-11.79	-14.26	-8.38	-6.87	-7.54	-14.47	-11.32	-13.7	-13.75	-9.47	-6.96	-13.71	-13.71
2450	135	-11.25	-13.52	-7.12	-5.4	-8.07	-8.49	-7.27	-8.85	-17.94	-10.28	-4.86	-6.58	-6.58
2450	150	-11.28	-15.07	-8.3	-6.44	-10.21	-8.78	-7.43	-9.73	-17.44	-12.79	-8.46	-6.14	-6.14
2450	165	-12.45	-20.08	-11	-8.77	-17.52	-11.76	-10.29	-18.82	-20.87	-18.15	-12.37	-8.27	-8.27
2450	180	-14.24	-25.63	-18.21	-11.44	-16.22	-11.62	-26.01	-19.75	-23.3	-25.63	-16.36	-15.52	-15.52
2450	195	-16.26	-18.51	-28.76	-13.52	-18.37	-10.84	-11.62	-19.82	-15.3	-10.43	-9.25	-9.29	-9.29
2450	210	-17.94	-14.84	-15.5	-15.73	-14.3	-7.58	-9.67	-15.11	-12.94	-4.72	-3.66	-5.12	-5.12
2450	225	-20.79	-13.12	-10.23	-10.55	-10.31	-9.57	-6.72	-9.87	-9.43	-3.16	-1.79	-7.85	-7.85
2450	240	-25.48	-14.05	-12.22	-11.97	-11.5	-13.85	-10.02	-4.86	-8.71	-5.05	-3.43	-5.4	-5.4
2450	255	-35.24	-18.11	-19.88	-19.08	-20.05	-32.79	-14.26	-5.59	-9.96	-7.11	-5.9	-7.33	-7.33
2450	270	-21.42	-30.75	-25.32	-17.38	-14.52	-20.87	-22.51	-11.12	-10.11	-23.05	-12.75	-13.04	-13.04
2450	285	-16.41	-18.56	-12.9	-12.28	-8.9	-21.08	-22.44	-29.25	-17.11	-16.84	-22.62	-31.34	-31.34
2450	300	-14.36	-14.86	-11.98	-12.2	-12.56	-17.68	-12.05	-10.75	-14.07	-25.98	-16.4	-29.27	-29.27
2450	315	-12.4	-12.39	-11.36	-13.7	-23.33	-20.95	-8	-5.83	-8.85	-16.24	-9.75	-14.58	-14.58
2450	330	-12.2	-10.23	-13.08	-22.79	-21.85	-7.18	-14.31	-19.97	-12.54	-14.07	-25.07	-9.81	-9.81
2450	345	-12.76	-10.69	-17.39	-18.48	-13.15	-15.2	-21.78	-12.61	-9.83	-8.67	-13.24	-12.31	-12.31
2450	360	-14.95	-13.13	-17.6	-14.28	-20.84	-18.9	-13.79	-11.76	-7.6	-11.57	-16.9	-13.32	-13.32
2500	0	-13.78	-19.42	-17.44	-12.49	-25.32	-15.72	-17.78	-14.68	-9.07	-15.17	-16.55	-12.26	-12.26
2500	15	-17.84	-23.97	-15.68	-11.81	-19.6	-13.68	-16.25	-13.67	-12.16	-18.93	-15.85	-17	-17
2500	30	-25.42	-31.52	-17.16	-12.15	-18.07	-13.45	-15.57	-12.29	-8.12	-8.14	-13.05	-11.03	-11.03
2500	45	-38.61	-24.83	-18.9	-11.9	-17.4	-14.42	-26.96	-16.18	-9.75	-9.51	-7.26	-19.73	-19.73
2500	60	-22.43	-18.08	-15.54	-18.14	-15.42	-29.43	-16.87	-14.87	-15.94	-12.9	-10.56	-26.51	-26.51
2500	75	-17.44	-16.3	-19.78	-15.49	-21.74	-20.26	-21.73	-20.85	-19.06	-19.03	-15.73	-15.92	-15.92
2500	90	-14.81	-15.38	-18.29	-30.88	-21.29	-19.19	-15.37	-13.99	-17.31	-21.74	-13.69	-13.36	-13.36
2500	105	-12.35	-14.72	-19.07	-14.24	-12.04	-21.46	-22.61	-12.42	-15.21	-15.16	-10.61	-8.24	-8.24
2500	120	-11.16	-15.56	-12.24	-7.83	-5.79	-9.56	-15.47	-13.24	-15.96	-15.15	-10.27	-16.27	-16.27
2500	135	-10.9	-14.44	-10.08	-5.34	-5.61	-8.29	-9.38	-8.85	-9.97	-13.78	-7.87	-10.27	-10.27
2500	150	-11.49	-14.72	-9.24	-5.62	-7.82	-11.49	-9.13	-8.98	-11.12	-15.57	-14.09	-11.7	-11.7
2500	165	-12.81	-16.4	-11.83	-9.11	-12.39	-14.21	-14.44	-13.74	-15.74	-19.74	-16.64	-16.91	-16.91
2500	180	-14.61	-16.48	-19.37	-12.91	-22.26	-23.54	-31.59	-23.5	-19.33	-34.69	-16.76	-22.17	-22.17
2500	195	-16.71	-16.32	-33.6	-12.23	-12.36	-18.87	-16.03	-19.39	-15.61	-11.17	-11.69	-12.92	-12.92
2500	210	-21.58	-14.67	-16.15	-11.34	-8.85	-16.07	-10	-18	-18.71	-6.56	-6.37	-7.74	-7.74
2500	225	-28.86	-14.7	-12.64	-10.35	-6.69	-9.64	-9.27	-10.32	-11.49	-7.46	-4.21	-11.49	-11.49
2500	240	-20.48	-17.97	-14.93	-12.25	-8.74	-10.26	-14.06	-6.62	-10.2	-6.22	-7.22	-7.57	-7.57
2500	255	-15.38	-24.66	-23.11	-18.15	-20.21	-18.81	-19.6	-7.87	-7.31	-9.25	-7.79	-11.68	-11.68
2500	270	-13.63	-17.09	-23.37	-17.1	-12.86	-12.06	-25.54	-13.47	-10.48	-22.78	-19.03	-16.97	-16.97
2500	285	-13.49	-13.86	-15.97	-11.91	-12.38	-17.57	-29.81	-19.56	-21.56	-24.35	-31.35	-19.88	-19.88
2500	300	-12.29	-11.23	-14.7	-12.05	-21.5	-23.32	-12.86	-10.3	-11.78	-15.76	-17.17	-27.05	-27.05
2500	315	-11.69	-11.06	-15.11	-17.42	-16.92	-15.81	-10.68	-8.3	-10.81	-21.78	-12.49	-15.85	-15.85
2500	330	-11.07	-13.37	-17.89	-34.95	-27.51	-11.03	-12.83	-15.19	-13.3	-18.94	-42.51	-11.5	-11.5
2500	345	-12.01	-15.99	-18.52	-18.41	-18.27	-15.45	-25.68	-18.13	-11.46	-10.81	-21.94	-10.75	-10.75
2500	360	-13.78	-19.42	-17.44	-12.49	-25.32	-15.72	-17.78	-14.68	-9.07	-15.17	-16.55	-12.26	-12.26

Ant. Position: 2G ANT 5 GAIN THETA

2400	0	-22.7	-6.29	-14.37	-13.8	0.43	-3.22	-0.65	2.26	-5.63	-10.28	-2.93	-11.96	-11.96
2400	15	-25.12	-5.77	-11.33	-22.83	-1.48	-3.26	-2.52	2.47	-4	-11.87	0.88	0.5	0.5
2400	30	-28.05	-5.37	-6.52	-9.97	-3.54	-4.12	-5.16	-0.2	-6.46	-7.36	2.59	-0.57	-0.57
2400	45	-28.52	-5.7	-4.18	-3.83	-1.9	-4.34	-7.21	-3.38	-7.81	-6.29	1.69	-2.9	-2.9
2400	60	-21.15	-6.94	-3.81	-0.89	0.47	-1.12	-5.52	-2.85	-4.9	-4.9	0.02	-4.45	-4.45
2400	75	-20.19	-8.31	-4.4	-2.06	1.41	-0.11	-6.26	-1.76	-8.6	-5.77	-2.22	-5.29	-5.29
2400	90	-18.73	-9.43	-5.27	-3.37	-0.79	-4.12	-7.44	-4.92	-26.36	-5.21	-4.35	-10.82	-10.82
2400	105	-19.11	-10.75	-5.85	-2.71	-2.33	-6.7	-6.98	-17.88	-9.19	-5.81	-6.34	-15.54	-15.54
2400	120	-20.6	-10.84	-6.13	-3.59	-1.23	-1.84	-8.08	-11.11	-9.96	-4.36	-9.29	-14.93	-14.93
2400	135	-22.14	-9.8	-4.67	-5.38	-1.69	-3.13	-13.4	-7.49	-8.53	-4.58	-9.62	-12.6	-12.6
2400	150	-22.94	-8.16	-5.1	-8.91	-4.01	-8.43	-9.9	-10.03	-6.58	-5.1	-8.79	-8.72	-8.72
2400	165	-27.6	-6.6	-4.82	-14.09	-6.45	-6.32	-8.42	-11.11	-6.15	-8.59	-7.89	-17.04	-17.04
2400	180	-28.48	-5.75	-4.27	-21.85	-8.8	-4.24	-10.26	-8.99	-5.7	-13.58	-5.76	-16.97	-16.97
2400	195	-26.13	-5.78	-3.29	-23.35	-15.37	-5.17	-14.52	-9.74	-6.06	-6.42	-14.2	-4.84	-4.84
2400	210	-27.55	-7.13	-3.51	-11.33	-9.55	-4.66	-5.52	-15.51	-5.73	-2.86	-6.52	-8.06	-8.06
2400	225	-25.71	-8.55	-4.38	-8.45	-5.98	-8.23	-2.92	-9.53	-7.51	-2.32	-3.94	-12.21	-12.21
2400	240	-22.86	-10.88	-4.22	-6.13	-3.21	-4.36	-5.38	-4.79	-8.29	-4.06	-3.49	-8.04	-8.04
2400	255	-19.51	-12.19	-5.03	-4.55	-3.55	-2.79	-11.32	-5.7	-10.26	-5.37	-2.35	-4.46	-4.46
2400	270	-17.58	-14.28	-7.05	-3.66	-2.36	-2.48	-2.73	-7.17	-3.32	-5.03	-1.86	-5.04	-5.04
2400	285	-17.16	-14.43	-7.78	-4.14	-2.14	-2.24	-1.65	-5.27	-3.67	-1.93	-0.97	-3.96	-3.96
2400	300	-16.9	-11.26	-7.23	-6.35	-5.75	-1.68	-6.08	-3.52	-7.73	-5.04	-2.02	-2.55	-2.55
2400	315	-16.99	-9.56	-7.24	-11.24	-12.25	-4.26	-3.76	-8.21	-2.38	-6.91	-0.78	-4.47	-4.47
2400	330	-17.83	-8.54	-9.06	-13.19	-4.58	-6.57	-1.07	-2.18	-1.85	-10.29	-6.14	-0.87	-0.87
2400	345	-19.68	-7.44	-12.34	-10.92	-0.12	-7.69	0.72	0.44	-4.02	-9.72	1.04	-1.71	-1.71
2400	360	-22.7	-6.29	-14.37	-13.8	0.43	-3.22	-0.65	2.26	-5.63	-10.28	-2.93	-11.96	-11.96
2450	0	-21.46	-10.26	-19.22	-4.92	1.28	-1.11	-0.27	2.34	-4.75	-14.07	-6.76	-14.77	-14.77
2450	15	-16.44	-8	-16.23	-6.89	-0.18	-2	-1.47	2.24	-2.71	-14.99	-2.08	-0.6	-0.6
2450	30	-14.4	-7.09	-10.22	-9.67	-2.36	-2.24	-3.43	-0.22	-4.9	-14.91	-0.01	-2.05	-2.05
2450	45	-12.43	-7.27	-5.75	-4.57	-2.7	-3.39	-5.27	-4.3	-7.52	-12.83	-1.02	-4.1	-4.1
2450	60	-12.23	-7.03	-4.23	-2.22	0.06	-1.05	-4.52	-5.61	-6.8	-11.02	-2.4	-5.26	-5.26
2450	75	-12.8	-7.19	-3.91	-1.99	1.16	0.89	-4.98	-2.94	-6.77	-9.95	-3.4	-6.41	-6.41
2450	90	-14.99	-7.57	-5.41	-2.56	-0.14	-0.78	-7.82	-4.64	-12.71	-7.73	-4.36	-15.7	-15.7
2450	105	-16.84	-8.43	-5.44	-3.18	-2.51	-4.99	-8.61	-11.42	-21.99	-8.09	-7.15	-18.49	-18.49
2450	120	-20.17	-8.86	-5.43	-3.67	-2.7	-2.06	-9.32	-10.77	-16.87	-5.44	-11.6	-18.73	-18.73
2450	135	-30.73	-8.2	-3.88	-4.16	-2.39	-2.39	-10.94	-7.15	-12.11	-5.83	-11.23	-12.51	-12.51
2450	150	-24.23	-6.92	-2.76	-8.17	-3.73	-5.82	-7.81	-11.41	-11.09	-5.4	-10.11	-8.89	-8.89
2450	165	-18.7	-5.87	-3.15	-10.55	-5.86	-8.12	-9.85	-17.15	-8.92	-9.26	-9.46	-13.28	-13.28
2450	180	-15.03	-5.78	-3.39	-12.76	-8.22	-6.35	-8.88	-13.3	-9.23	-11.78	-8.63	-13.38	-13.38
2450	195	-13.85	-6.5	-3.44	-13.25	-9.36	-5.06	-7.35	-11.6	-8.23	-6.91	-15.55	-6.97	-6.97
2450	210	-11.83	-8.24	-3.61	-9.36	-7.15	-5.08	-6.53	-11.8	-7.39	-3.88	-7.61	-10.15	-10.15
2450	225	-11.29	-10.39	-3.51	-6.58	-5.1	-6.6	-3.04	-8.7	-11.24	-3.99	-5.74	-16.27	-16.27
2450	240	-11.31	-13.66	-4.36	-4.89	-5.63	-2.92	-7.88	-4.49	-12.35	-7.91	-5.3	-8.41	-8.41
2450	255	-12.48	-18.4	-6.67	-4.57	-5.7	-2.95	-7.43	-5.59	-8.48	-6.28	-4.32	-6.32	-6.32
2450	270	-14.28	-18.21	-7.93	-4.51	-2.61	-3.61	-2.83	-5.77	-2.67	-3.78	-3.44	-7.62	-7.62
2450	285	-16.29	-17.06	-7.57	-4.07	-2.5	-3.13	-3.21	-4.36	-4.07	-1.53	-2.07	-6.4	-6.4
2450	300	-17.97	-16.23	-8.39	-6.15	-6.08	-4.58	-8.92	-3.78	-7.33	-6.2	-2.91	-4.78	-4.78
2450	315	-20.82	-15.38	-11.01	-7.58	-4.75	-5.8	-3.86	-6.97	-3.79	-9.18	-3.68	-7	-7
2450	330	-25.51	-14.4	-13.84	-5.92	-1.34	-2.63	-2.13	-1.07	-2.86	-7.35	-10.1	-3.43	-3.43
2450	345	-35.27	-12.35	-17.8	-4.32	1.27	-2.96	0.39	0.77	-4.67	-10.07	-2.6	-2.13	-2.13
2450	360	-21.46	-10.26	-19.22	-4.92	1.28	-1.11	-0.27	2.34	-4.75	-14.07	-6.76	-14.77	-14.77
2500	0	-13.64	-9.82	-18.25	-3.99	1.29	-0.56	-1.19	2.07	-3.93	-12.52	-10.69	-13.94	-13.94
2500	15	-13.5	-9.41	-16.36	-6.21	0.2	-0.53	-0.89	2.66	-1.2	-10.67	-5.37	-2.81	-2.81
2500	30	-12.3	-9.33	-12.28	-9.83	-2.16	-1.78	-1.94	0.94	-2.25	-15.51	-3.88	-3.75	-3.75
2500	45	-11.7	-8.94	-8.79	-9.07	-3.35	-2.75	-2.39	-2.79	-4.49	-13.66	-4.82	-5.19	-5.19
2500	60	-11.08	-9.15	-6.52	-3.5	-1.18	-1.39	-3.15	-4.99	-6.88	-27.3	-4.82	-5.79	-5.79
2500	75	-12.01	-9.63	-5.64	-1.88	0.45	1.05	-3.19	-4.22	-6.51	-18.09	-5.82	-6.87	-6.87
2500	90	-13.79	-9.96	-6.09	-2.52	-0.12	-0.04	-5.11	-5.03	-10.16	-13.18	-6.14	-13.09	-13.09
2500	105	-17.85	-10.68	-6.09	-3.34	-2.36	-3.78	-7.11	-11.75	-20.24	-13.4	-10.45	-13.33	-13.33
2500	120	-25.43	-10.45	-4.59	-3.09	-3.17	-2.37	-7.73	-9.13	-17.37	-8.44	-13.52	-16.41	-16.41
2500	135	-38.62	-8.36	-4.87	-4.61	-3.14	-2.23	-7.15	-6.4	-26.37	-8.34	-12.46	-15.19	-15.19
2500	150	-22.43	-6.7	-5.21	-8.9	-3.52	-4.34	-5.28	-10.11	-14.98	-5.93	-11.91	-9.69	-9.69
2500	165	-17.45	-6.12	-5.07	-14.69	-5.55	-5.87	-6.09	-19.4	-8.45	-9.25	-14.69	-11.32	-11.32
2500	180	-14.82	-6.44	-5.04	-15.68	-6.65	-5.35	-4.61	-19.57	-8.8	-9.22	-12.28	-11.87	-11.87
2500	195	-12.35	-6.96	-5.6	-10.91	-5.82	-4.29	-3.3	-13.89	-8.67	-6.88	-21.35	-8.12	-8.12
2500	210	-11.17	-7.96	-4.9	-7.8	-8.78	-7.17	-5.81	-10.15	-8.53	-4.55	-10.01	-13.61	-13.61
2500	225	-10.9	-9.51	-4.23	-4.38	-4.71	-4.67	-4.6	-8.55	-9.97	-4.93	-8.82	-21.25	-21.25
2500	240	-11.49	-12.24	-5.3	-2.92	-4.45	-3.11	-8.6	-5.47	-10.14	-9.67	-6.46	-11.94	-11.94
2500	255	-12.82	-13.04	-7.21	-2.37	-2.93	-4.1	-6.11	-7.18	-9.36	-4.75	-5	-9.41	-9.41
2500	270	-14.62	-12.11	-6.87	-3.06	-1.64	-2.76	-3.56	-5.76	-4.44	-2.85	-3.68	-9.75	-9.75
2500	285	-16.72	-11.29	-5.98	-4.12	-2.09	-2.77	-6.63	-4.56	-5.73	-2.11	-2.33	-10.37	-10.37
2500	300	-21.58	-10.83	-6.61	-4.9	-4.07	-3.58	-10.08	-5.48	-6.23	-7.92	-3.11	-8.7	-8.7
2500	315	-28.87	-10.87	-9.32	-5.31	-3.01	-2.99	-4.2	-9.8	-5.22	-10.02	-6.24	-7.59	-7.59
2500	330	-20.49	-11.05	-14.58	-3.83	-1.48	-0.45	-3.5	-2.08	-3.73	-5.64	-12.42	-4.75	-4.75
2500	345	-15.38	-10.54	-17.56	-3.31	1.04	-1.65	-1.23	0.31	-4.13	-8.32	-6.18	-2.03	-2.03
2500	360	-13.64	-9.82	-18.25	-3.99	1.29	-0.56	-1.19	2.07	-3.93	-12.52	-10.69	-13.94	-13.94

Ant. Position: 2G ANT 6 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-17.34	-12.04	-13.49	-11.24	-7.4	-12.44	-5.59	-5.5	-6.47	-18.59	-8.85	-16.74	-16.74
2400	15	-16.94	-11.2	-9.74	-7.99	-4.33	-8.48	-5.98	-9.96	-25.99	-7.75	-12.7	-12.04	-12.04
2400	30	-11.84	-9.79	-8.6	-6.65	-4.48	-5.45	-9.48	-15.15	-5.5	-5.34	-3.48	-11.69	-11.69
2400	45	-12.78	-10.17	-9.67	-7.67	-5.26	-7.56	-8.86	-11.25	-4.26	-1.56	-0.61	-8.52	-8.52
2400	60	-10.09	-11.7	-12.91	-12.74	-8.22	-10.66	-12.39	-8.86	-6.49	-2.8	-2.58	-6.41	-6.41
2400	75	-10.93	-14.39	-18.13	-17.08	-15.27	-18.38	-30.76	-12.18	-8.55	-4.03	-0.88	-3.43	-3.43
2400	90	-11.68	-18.65	-19.27	-14.31	-12.39	-10.57	-17.45	-17.84	-9.57	-7.63	-6.35	-2.41	-2.41
2400	105	-11.83	-20.75	-16.66	-11.43	-8.44	-8.21	-19.57	-21.83	-9.48	-12.63	-9.14	-8.06	-8.06
2400	120	-13.13	-22.52	-13.44	-12.11	-11.39	-13.55	-22.1	-17.9	-9.62	-8.04	-17.45	-13.94	-13.94
2400	135	-15.17	-23.38	-11.87	-15.79	-15.36	-16.58	-17.37	-12.4	-7.42	-12.98	-28.01	-15.6	-15.6
2400	150	-20.5	-23	-17.63	-42.18	-18.47	-14.97	-14.46	-10.81	-11.98	-10.7	-6.15	-12.8	-12.8
2400	165	-27.86	-21.56	-21.84	-22.2	-21.85	-29.1	-20.51	-15.17	-12.42	-16.46	-39.36	-9.05	-9.05
2400	180	-39.6	-21.43	-19.35	-22.97	-21.55	-12.45	-17.58	-15.57	-13.43	-16.24	-19.33	-12.8	-12.8
2400	195	-22.33	-17.29	-16.61	-20.49	-17.15	-7.15	-14.96	-18.2	-16.4	-16.15	-24.41	-12.95	-12.95
2400	210	-14.24	-21	-18.4	-23.77	-17.98	-12.32	-11.85	-14.77	-22.1	-26.31	-11.47	-15.85	-15.85
2400	225	-11.54	-15.3	-25.13	-16.94	-10.19	-4.84	-10.21	-22.92	-19.05	-19	-7.66	-14.3	-14.3
2400	240	-11.47	-12.49	-13.94	-11.48	-8.23	-4.83	-8.61	-12.63	-16.47	-10.48	-17.81	-10.61	-10.61
2400	255	-11.07	-11.01	-9.01	-9.58	-7.16	-3.88	-7.4	-11.2	-12.38	-21.09	-9.44	-9.28	-9.28
2400	270	-12.42	-9.75	-7.03	-7.6	-8.15	-6.71	-10.63	-11.06	-28.69	-31.58	-27.09	-10.52	-10.52
2400	285	-12.49	-8.78	-6.18	-7.43	-8.27	-9.96	-20.36	-13.83	-8.46	-8.89	-10.52	-13.25	-13.25
2400	300	-12.54	-8.98	-6.72	-7.64	-6.99	-9.43	-22.37	-14.78	-6.48	-6.4	-13.63	-17.01	-17.01
2400	315	-13.99	-11.44	-8.29	-10.02	-10.8	-6.26	-21.19	-13.91	-8.71	-7.78	-5.53	-20.22	-20.22
2400	330	-14.89	-13.18	-11.54	-14.98	-9.1	-20.43	-8.28	-10.34	-6.81	-6.53	-11.94	-12.47	-12.47
2400	345	-16.83	-12.95	-16.99	-19.35	-15.13	-11.36	-13.93	-7.09	-7.32	-10.38	-9.16	-13.68	-13.68
2400	360	-17.34	-12.04	-13.49	-11.24	-7.4	-12.44	-5.59	-5.5	-6.47	-18.59	-8.85	-16.74	-16.74
2450	0	-12.06	-14.35	-19.2	-15.12	-9.04	-16.72	-10.63	-15.13	-13.06	-33.2	-16.6	-30.12	-30.12
2450	15	-12.33	-13.95	-15.44	-11.59	-7.47	-11.65	-9	-13.39	-9.28	-7.91	-12.95	-13.63	-13.63
2450	30	-11.55	-14.29	-14.7	-11.31	-7.74	-8.47	-10.24	-8.4	-3.91	-4.59	-4.86	-10.9	-10.9
2450	45	-12.86	-15.07	-17.38	-11.75	-9.81	-8.57	-8.39	-7.41	-3.29	-1.74	-1.77	-10.38	-10.38
2450	60	-13.97	-16.44	-19.81	-19.73	-13.27	-15.44	-10.91	-6.71	-5.88	-4.67	-3.96	-7.21	-7.21
2450	75	-15.32	-20.6	-31.4	-23.74	-18.68	-31.93	-21.24	-10.67	-8.94	-7.64	-4.19	-4.9	-4.9
2450	90	-15.95	-37.3	-17.18	-12.68	-10.68	-10.75	-22.39	-22.12	-11.36	-10.85	-11.57	-5.48	-5.48
2450	105	-17.03	-20.9	-11.84	-9.18	-7.8	-8.09	-15.36	-19.74	-10.06	-10.86	-13.96	-10.38	-10.38
2450	120	-17.75	-17.55	-9.15	-7.6	-8.02	-10.83	-20.72	-15.89	-9.19	-6.28	-23.76	-16.38	-16.38
2450	135	-18.7	-14.8	-9.83	-10.48	-12.04	-20.71	-18.36	-14.5	-7.58	-7.7	-17.12	-14.78	-14.78
2450	150	-17.43	-14.91	-13.38	-13.59	-20.16	-18.61	-13.31	-10	-10.93	-8.47	-21.7	-11.34	-11.34
2450	165	-14.71	-15.7	-14.85	-14.28	-18.87	-22.44	-16.79	-10.52	-12.29	-13.82	-16.76	-12.11	-12.11
2450	180	-14.1	-17.52	-14.67	-14.36	-23.57	-22.42	-28.61	-15.15	-12.64	-18	-25.83	-13.96	-13.96
2450	195	-17.11	-20.53	-15.79	-15.87	-20.85	-12.45	-14.68	-15.91	-16.39	-19.85	-21.28	-14.16	-14.16
2450	210	-17.85	-21.78	-18.96	-22.87	-15.56	-7.96	-11.51	-15.18	-21.11	-16.93	-12.02	-15.46	-15.46
2450	225	-17.38	-20.28	-26.08	-24.67	-10.39	-5.29	-8.04	-17.33	-18.14	-13.85	-8.69	-17.45	-17.45
2450	240	-18.29	-16.55	-17.84	-12.21	-7.56	-4.39	-6.39	-13.47	-12.37	-10.52	-13.48	-14.48	-14.48
2450	255	-19.41	-13.21	-13.81	-11.05	-9.6	-3.91	-6.61	-9.1	-9.64	-19.86	-15.76	-11.69	-11.69
2450	270	-20.24	-11.59	-10.13	-9.14	-12.95	-6.46	-9.84	-9.1	-17.28	-17.97	-18.23	-9.36	-9.36
2450	285	-20.21	-11.12	-8.15	-7.56	-10.15	-8.47	-17.03	-14.12	-14.54	-14.07	-16.97	-9.58	-9.58
2450	300	-19.79	-10.64	-7.46	-7.55	-6.64	-6.73	-14.55	-13.92	-8.34	-7.73	-11.1	-11.94	-11.94
2450	315	-18.45	-11.12	-8.97	-8.77	-7.79	-4.88	-17.12	-12.84	-8.26	-7.89	-6.24	-15.07	-15.07
2450	330	-15.47	-13.06	-12.34	-15.08	-8.75	-19.3	-13.01	-10.98	-7.66	-6.16	-11	-10.9	-10.9
2450	345	-13.83	-14.78	-16.93	-21.95	-11.78	-14.08	-21.48	-11.2	-9.15	-10.99	-10.92	-15.13	-15.13
2450	360	-12.06	-14.35	-19.2	-15.12	-9.04	-16.72	-10.63	-15.13	-13.06	-33.2	-16.6	-30.12	-30.12
2500	0	-18.67	-14.66	-26.6	-18.43	-16.54	-17.44	-17.16	-17.89	-14.68	-19.05	-19.53	-24.96	-24.96
2500	15	-20.68	-16.21	-25.38	-16.32	-14.08	-14.98	-11.79	-12.15	-7.73	-8.57	-12.85	-14.47	-14.47
2500	30	-22.64	-17.42	-23.48	-14.14	-12.57	-13.62	-10.69	-8.31	-6.1	-6.05	-6.97	-14.69	-14.69
2500	45	-24.93	-20.51	-22.84	-16.34	-17.08	-10.98	-10.21	-8.09	-6.25	-4.98	-6.16	-14.1	-14.1
2500	60	-24.7	-25.2	-31.85	-19.42	-22.96	-15.08	-10.96	-8.61	-7.25	-8.28	-8.08	-13.3	-13.3
2500	75	-22.26	-23.56	-24.33	-18.13	-18.11	-27.26	-17.11	-10.75	-8.19	-11.26	-10.28	-9.65	-9.65
2500	90	-19.96	-20.19	-15.73	-12.25	-12.45	-16.33	-25.18	-18.24	-10.02	-10.88	-18.61	-10.74	-10.74
2500	105	-18.17	-15.86	-11.77	-9.43	-9.65	-9.23	-15.28	-17.18	-10.91	-10.22	-24.79	-13.79	-13.79
2500	120	-16.42	-12.81	-10.25	-8.12	-8.19	-8.86	-17.77	-15.14	-9.83	-7.95	-19.92	-17.46	-17.46
2500	135	-16.38	-12.35	-10.76	-9.92	-10.71	-12.93	-20.45	-14.28	-11	-7.17	-12.96	-15.4	-15.4
2500	150	-16.25	-13.93	-12.8	-13.74	-15.91	-21.72	-15.73	-14.25	-12.51	-9.5	-17.8	-11.17	-11.17
2500	165	-15.4	-17.73	-15.3	-18.88	-21.57	-20.67	-15.79	-14.49	-17	-16.17	-13.6	-11.74	-11.74
2500	180	-15.81	-19.82	-16.61	-15.94	-21.11	-21.23	-20.67	-18.83	-15.75	-28.41	-23.46	-14.36	-14.36
2500	195	-15.81	-18.82	-16.33	-16.49	-29.36	-12.49	-14.97	-18.14	-15.9	-22.77	-24.17	-16.67	-16.67
2500	210	-19.13	-18.18	-17.02	-17.98	-14.65	-7.71	-12.56	-17.4	-18.5	-20.27	-14.74	-17.79	-17.79
2500	225	-23.25	-17.4	-22.5	-30.64	-10.84	-5.91	-8.56	-14.6	-16.62	-17.26	-14.19	-20.47	-20.47
2500	240	-28.79	-17.04	-17.41	-16.19	-9.34	-5.21	-6.61	-11.73	-11.8	-14.46	-14.88	-18.71	-18.71
2500	255	-40.87	-17.16	-11.32	-10.65	-11.7	-7.58	-6.78	-9.26	-11.3	-13.35	-15.44	-15.35	-15.35
2500	270	-28.74	-15.5	-9.88	-8.59	-12.58	-11.2	-10.7	-9.99	-14.65	-14.14	-16.53	-10.82	-10.82
2500	285	-24	-12.98	-8.54	-8.41	-11.7	-12.02	-19.24	-15.07	-23.99	-32.75	-26.48	-11.65	-11.65
2500	300	-22.41	-12.05	-8.03	-9.13	-10.69	-8.33	-15.21	-18.78	-15.08	-12.92	-15.58	-12.81	-12.81
2500	315	-19.34	-12.05	-9.77	-12.84	-11.27	-6.64	-15.52	-15.63	-9.31	-9.36	-9.49	-16.79	-16.79
2500	330	-17.66	-12.5	-12.79	-18.41	-14.32	-13.43	-19.04	-12.32	-8.3	-7.68	-13.83	-13.61	-13.61
2500	345	-17.91	-13.45	-18.36	-24.78	-18.62	-23.28	-26.92	-18.59	-15.16	-12.97	-14.45	-17.5	-17.5
2500	360	-18.67	-14.66	-26.6	-18.43	-16.54	-17.44	-17.16	-17.89	-14.68	-19.05	-19.53	-24.96	-24.96

Ant. Position: 2G ANT 6 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-12.44	-6.47	-8.74	-6.44	-5.2	-9.7	-5.91	-13.29	-2.29	-3.69	-4.84	-11.25	-11.25
2400	15	-12.52	-8.12	-10.26	-6.53	-3.33	-7.82	-6.76	-10.03	-7.3	-6.11	-4.46	-6.49	-6.49
2400	30	-12.57	-11.84	-11.17	-6.27	-1.89	-2.04	-7.79	-4.2	-15.89	-3.48	-5.78	-6.68	-6.68
2400	45	-14.02	-15.11	-9.9	-5.26	-1.97	0.25	-2.55	-3.95	-9.7	-4.94	-4.52	-9.93	-9.93
2400	60	-14.92	-18.44	-9.35	-5.18	-1.42	-0.2	-0.23	-2.91	-7.11	-2.62	-4.71	-15.25	-15.25
2400	75	-16.86	-20.92	-9.41	-4.59	-1.87	-0.33	-0.1	-1.72	-6.07	-2.8	-8.04	-16.34	-16.34
2400	90	-17.37	-19.72	-7.73	-4.84	-1.6	0.2	0.54	-0.83	-4.53	-4.46	-7.72	-22.01	-22.01
2400	105	-16.96	-14.7	-6.84	-3.71	-0.28	1.68	1.92	-0.29	-2.95	-3.41	-12.75	-18.46	-18.46
2400	120	-11.87	-12.26	-7.34	-4.44	-0.9	2.57	1.88	-0.62	-4.19	-5.45	-8.2	-31.14	-31.14
2400	135	-12.8	-11.47	-5.59	-3.37	-1.22	1.58	0.83	-4.5	-4.03	-6.98	-14.72	-27.34	-27.34
2400	150	-10.12	-12.3	-4.45	-3.62	-1.36	0.87	-3.51	-5.8	-9.56	-23.9	-19.32	-18.57	-18.57
2400	165	-10.96	-12.98	-4.91	-4.42	-2.18	0.12	-4.43	-4.86	-16.61	-16.79	-16.34	-11.7	-11.7
2400	180	-11.71	-14.54	-6.98	-5.93	-1.51	0.59	-2.4	-6.33	-12.75	-15.09	-17.85	-15.5	-15.5
2400	195	-11.85	-16.79	-9.82	-7.24	-1.66	-0.06	-2.62	-13.36	-14.39	-11.11	-24.05	-14.1	-14.1
2400	210	-13.16	-20.63	-16.81	-9.28	-6.06	-3.48	-9.38	-9.02	-9.61	-12.11	-15.21	-13.88	-13.88
2400	225	-15.2	-22.16	-22.02	-9.05	-5.77	-8.61	-5.65	-9.36	-3.99	-9.05	-8.77	-11.62	-11.62
2400	240	-20.53	-18.12	-12.12	-5.49	-3.51	-3.19	-7.65	-4.06	-4.5	-17.47	-8.91	-13.47	-13.47
2400	255	-27.89	-14.72	-10.09	-4.13	-1.07	-1.18	-6.74	-5.37	-10.13	-8.63	-12.04	-12.53	-12.53
2400	270	-39.63	-12.56	-10.4	-4.08	0.4	0.2	-5.57	-11.08	-8.75	-10.65	-11.04	-11.76	-11.76
2400	285	-22.36	-9.05	-7.36	-5.17	0.45	-0.67	-6.25	-11.69	-6.52	-5.92	-11.63	-10.82	-10.82
2400	300	-14.27	-8.35	-7.31	-6.21	-1.02	-6.36	-3.48	-10.61	-6.84	-7.14	-17.01	-14.45	-14.45
2400	315	-11.57	-5.86	-6.71	-7.57	-4.08	-8.05	-2.68	-1.92	-8.84	-4.96	-8.97	-21.93	-21.93
2400	330	-11.5	-5.38	-7.01	-8.21	-5.63	-7.62	-2.91	-4.8	-7.75	-6.42	-8.05	-8.42	-8.42
2400	345	-11.1	-5.94	-7.4	-6.89	-6.88	-7.02	-3.06	-6.05	-2.11	-2.41	-2.06	-7.99	-7.99
2400	360	-12.44	-6.47	-8.74	-6.44	-5.2	-9.7	-5.91	-13.29	-2.29	-3.69	-4.84	-11.25	-11.25
2450	0	-20.27	-9.74	-9.72	-5.7	-5.23	-6.77	-13.04	-16.33	-6.3	-8.73	-7.3	-15.6	-15.6
2450	15	-20.25	-12.29	-10.72	-8.07	-4.9	-4.18	-10.48	-9.35	-16.3	-8.76	-6.98	-5.94	-5.94
2450	30	-19.83	-16.43	-10.86	-10.64	-6.95	-2.05	-5.56	-5.24	-8.21	-4.94	-6.31	-6.77	-6.77
2450	45	-18.48	-18.47	-14.23	-13.12	-7.47	-1.88	-3.04	-4.1	-7.7	-5.37	-4.6	-10.68	-10.68
2450	60	-15.5	-27.65	-15.73	-13.72	-6.83	-2.55	-2.14	-3.49	-7.76	-4.87	-6.96	-13.98	-13.98
2450	75	-13.86	-28.88	-16.96	-11.5	-4.59	-2.69	-1.86	-1.98	-6.92	-4.66	-9.86	-16.36	-16.36
2450	90	-12.09	-24.76	-13.34	-8.25	-2.85	-0.25	-0.41	-0.09	-3.48	-5.13	-10.42	-20.61	-20.61
2450	105	-12.37	-20.43	-10.68	-6.91	-1.65	1.53	1.43	0.52	-1.21	-4.28	-11.37	-15.66	-15.66
2450	120	-11.58	-17.42	-7.34	-4.94	-1.42	1.87	2.08	0.3	-1.46	-4.35	-10.7	-20.53	-20.53
2450	135	-12.9	-13.44	-4.78	-3.15	-1.44	0.93	0.81	-2.42	-2.27	-7.12	-12.91	-20.03	-20.03
2450	150	-14	-11	-3.17	-2.7	-1.39	0.41	-1.62	-4.68	-7.83	-14.07	-23.83	-19.82	-19.82
2450	165	-15.35	-9.23	-3.07	-2.89	-1.22	0.26	-2.39	-5.15	-13.1	-16.34	-20.5	-26.27	-26.27
2450	180	-15.99	-8.77	-4	-3.72	-2	-0.14	-1.8	-4.62	-18.64	-26.14	-19.1	-29.19	-29.19
2450	195	-17.06	-8.96	-5.71	-5.47	-2.92	-1.05	-2.41	-9.18	-31.64	-22.71	-23.16	-13.56	-13.56
2450	210	-17.79	-10.69	-7.63	-9.14	-4.63	-4.61	-7.02	-22.74	-13.74	-24.08	-19.82	-20.95	-20.95
2450	225	-18.73	-11.05	-10.34	-11.64	-7.56	-8.44	-11.56	-20.14	-9.76	-14.96	-20.18	-40.57	-40.57
2450	240	-17.47	-11.6	-13.36	-9.62	-5.57	-5.23	-9.91	-10.35	-12.82	-26.54	-33.44	-25.36	-25.36
2450	255	-14.75	-10.5	-9.54	-5.52	-1.61	-1.05	-4.79	-21.75	-26.06	-16.14	-23.21	-21.46	-21.46
2450	270	-14.14	-8.69	-6.59	-3.41	0.76	1.54	-2.67	-13.55	-17.87	-19.91	-19.04	-24.35	-24.35
2450	285	-17.14	-7.53	-5.72	-2.78	1.2	0.62	-2.65	-8.9	-11.01	-9.91	-11.46	-29.61	-29.61
2450	300	-17.88	-7.14	-6	-3.45	-0.45	-3.02	-2.11	-6.95	-10.03	-8.99	-13.17	-22.88	-22.88
2450	315	-17.41	-7.16	-6.65	-4.36	-2.71	-6.75	-3.79	-2.24	-7.47	-4.99	-13.71	-18.66	-18.66
2450	330	-18.32	-7.47	-7.51	-5.6	-3.9	-6.95	-4.94	-5.03	-7.67	-6.63	-11.71	-8.29	-8.29
2450	345	-19.44	-7.84	-8.12	-5.47	-5.42	-6.85	-7.72	-6.85	-3.7	-5.67	-5.82	-8.66	-8.66
2450	360	-20.27	-9.74	-9.72	-5.7	-5.23	-6.77	-13.04	-16.33	-6.3	-8.73	-7.3	-15.6	-15.6
2500	0	-28.74	-15.88	-14.79	-8.92	-4.98	-4.41	-11.42	-14.87	-9.45	-8.5	-10.58	-21.48	-21.48
2500	15	-24.01	-18.46	-18.02	-13.98	-6.23	-2.64	-6.61	-7.98	-10.29	-6.14	-7.57	-9.3	-9.3
2500	30	-22.42	-20	-24.93	-18.38	-5.53	-0.86	-3.35	-5.12	-5.37	-4.53	-6.64	-9.58	-9.58
2500	45	-19.35	-20.9	-24.89	-14.69	-4.03	-0.77	-1.76	-3.54	-5.09	-4.7	-6.9	-13.25	-13.25
2500	60	-17.67	-21.33	-21.73	-11.86	-3.36	-1.23	-2.19	-2.18	-5.94	-6.23	-11.58	-15.01	-15.01
2500	75	-17.91	-22.37	-19.46	-11.27	-3.34	-0.96	-1.97	-1.17	-4.41	-6.09	-14.5	-16.19	-16.19
2500	90	-18.68	-20.86	-16.85	-9.6	-3.2	-0.07	-0.59	-0.32	-2.15	-3.79	-15.69	-18.22	-18.22
2500	105	-20.69	-20.54	-13.51	-8.48	-3.4	0.86	1.32	0.48	-0.19	-2.23	-12.86	-16.97	-16.97
2500	120	-22.65	-16.63	-9.79	-6.93	-3.82	0.86	1.78	0.1	-0.23	-2.32	-13.68	-24.95	-24.95
2500	135	-24.93	-11.87	-6.93	-5.2	-3.85	-0.27	0.07	-2.02	-2	-4.6	-18.55	-28.3	-28.3
2500	150	-24.71	-9.63	-4.95	-3.49	-3.12	-0.93	-2.03	-4.91	-5.71	-8.96	-20.13	-17.35	-17.35
2500	165	-22.27	-8.58	-3.9	-2.38	-2	-1.58	-3.08	-6.46	-8.95	-13.84	-20.69	-19.32	-19.32
2500	180	-19.96	-8.07	-3.85	-2.46	-1.26	-1.05	-2.26	-5.2	-10.35	-17.98	-16.51	-17.75	-17.75
2500	195	-18.17	-8.58	-4.6	-3.12	-1.85	-1.74	-3.41	-7.31	-13.34	-16.33	-22.11	-10.55	-10.55
2500	210	-16.42	-9.83	-6.62	-4.52	-4.45	-5.08	-6.67	-16.04	-21.13	-16.73	-16.41	-13.98	-13.98
2500	225	-16.38	-10.84	-8.12	-7.81	-6.8	-8.09	-9.7	-22.31	-19.41	-19.06	-16.92	-17.12	-17.12
2500	240	-16.26	-10.92	-8.62	-7.34	-5.6	-5.75	-6.35	-18.68	-19.35	-17.87	-15	-13.71	-13.71
2500	255	-15.41	-9.97	-7.96	-4.61	-1.86	-0.83	-2.67	-11.3	-18.26	-20.08	-13.79	-13.45	-13.45
2500	270	-15.82	-9.77	-5.92	-2.39	0.62	1.27	-1.74	-8.58	-16.12	-14.2	-12.01	-14.03	-14.03
2500	285	-15.82	-9.4	-5.29	-2.25	0.82	0.23	-3.31	-7.45	-11.8	-8.44	-9.69	-16.75	-16.75
2500	300	-19.13	-9.09	-6.1	-3.17	-0.45	-3.14	-4.26	-6.16	-8.48	-6.58	-9.6	-16.18	-16.18
2500	315	-23.26	-9.77	-6.42	-3.6	-2.66	-7.03	-5.39	-5.04	-5.42	-5.11	-10.43	-19.68	-19.68
2500	330	-28.8	-10.66	-8.07	-4.72	-2.49	-8.82	-5.93	-6.42	-4.76	-6.47	-13.3	-11.42	-11.42
2500	345	-40.88	-12.34	-10.85	-6.24	-3.59	-7.34	-8.14	-9.77	-5.82	-8.41	-9.6	-13.09	-13.09
2500	360	-28.74	-15.88	-14.79	-8.92	-4.98	-4.41	-11.42	-14.87	-9.45	-8.5	-10.58	-21.48	-21.48

Ant. Position: 2G ANT 7 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-18.59	-19.1	-19.02	-14.11	-26.76	-15.73	-8.56	-7.56	-7.74	-21.27	-13.02	-15.25	-15.25
2400	15	-25.95	-30.33	-25.02	-16	-17.34	-6.75	-10.5	-5.57	-6.46	-18.05	-39.56	-13.32	-13.32
2400	30	-22.31	-24.12	-20.49	-13.62	-10.39	-4.48	-20.75	-6.51	-10.77	-22.7	-11.36	-11.01	-11.01
2400	45	-15.65	-14.07	-13.65	-11.93	-7.09	-4.33	-14	-6.27	-3.95	-3.86	-10.67	-9.75	-9.75
2400	60	-13.27	-9.57	-9.63	-9.22	-4.62	-3.16	-8.02	-10.25	-4.63	-5.37	-8.38	-7.89	-7.89
2400	75	-11.06	-7.96	-6.38	-6.35	-7.3	-2.03	-6.22	-21.37	-5.63	-4.44	-6.35	-15.89	-15.89
2400	90	-10.19	-6.98	-4.4	-5.34	-8.94	-4.41	-8.1	-14.57	-10.66	-10.97	-14.97	-9.85	-9.85
2400	105	-10.1	-6.68	-4.92	-5.31	-6.39	-9.26	-7.65	-9.69	-24.79	-7.82	-11.54	-23.8	-23.8
2400	120	-10.7	-6.85	-6.38	-6.19	-5.31	-6.85	-9.25	-8.76	-10.95	-9.32	-5.71	-16.08	-16.08
2400	135	-11.97	-8.21	-9.84	-6.54	-3.88	-4.86	-10.39	-10.26	-14.96	-10.33	-8.41	-12.19	-12.19
2400	150	-13.06	-11.59	-15.13	-8.63	-4.53	-4.45	-9.15	-13.88	-30.14	-19.56	-14.96	-11.47	-11.47
2400	165	-15.61	-16.98	-17.05	-9.29	-4.9	-5.69	-12.63	-12.32	-21.88	-19.06	-19.59	-10.06	-10.06
2400	180	-20.58	-25.08	-16.23	-10.3	-6.53	-5.67	-13.95	-12.07	-12.46	-17.6	-22.41	-18.27	-18.27
2400	195	-27.91	-21.46	-14.57	-11.55	-7.53	-6.97	-10.62	-10.43	-11.29	-17.9	-20.07	-18.35	-18.35
2400	210	-21.89	-16.72	-12.48	-11.8	-9.44	-12.52	-10.53	-12.86	-8.3	-12.41	-17.35	-13.83	-13.83
2400	225	-15.2	-12.53	-10	-10.72	-13.09	-11.61	-15.66	-8.02	-5.24	-11.85	-24.63	-12.42	-12.42
2400	240	-13.02	-11.15	-9.13	-7.41	-7.97	-7.72	-7.71	-6.95	-3.75	-11.58	-18.76	-8.26	-8.26
2400	255	-11.95	-11.11	-8.82	-9.22	-10.39	-5.01	-6.32	-3.95	-3.96	-14.19	-8.27	-13.09	-13.09
2400	270	-10.62	-11.01	-9.47	-9.78	-9.45	-7.75	-8.47	-2.76	-11.54	-8.04	-13.2	-8.38	-8.38
2400	285	-10.03	-11.21	-9.35	-10.85	-11.65	-15.01	-8.63	-5.19	-18.98	-7.71	-4.32	-7.19	-7.19
2400	300	-10.02	-11.03	-10.58	-12.85	-14.73	-23.05	-8.29	-7.21	-17.94	-11.86	-6.58	-7.65	-7.65
2400	315	-11.32	-11.61	-12.42	-13.05	-16.06	-8.47	-11.77	-11.18	-11.72	-4.13	-2.98	-12.53	-12.53
2400	330	-12.74	-12.6	-13.08	-15.79	-26.51	-4.58	-4.14	-11.94	-8.36	-8.45	-9.03	-11.67	-11.67
2400	345	-15.76	-15.17	-14.52	-19.43	-16.43	-6.7	-13.62	-13.51	-28.58	-9.75	-8.17	-12.86	-12.86
2400	360	-18.59	-19.1	-19.02	-14.11	-26.76	-15.73	-8.56	-7.56	-7.74	-21.27	-13.02	-15.25	-15.25
2450	0	-14.91	-15.52	-17.14	-17.42	-16.53	-12.25	-10.39	-8.85	-7.58	-17.88	-11.55	-16.91	-16.91
2450	15	-19.17	-18.37	-22.88	-18.27	-12.74	-9.83	-14.76	-9.1	-9.78	-25.7	-22.99	-15.13	-15.13
2450	30	-23.7	-25.58	-31.2	-18.39	-9.81	-6.98	-22.48	-8.37	-12.84	-23.36	-15.85	-14.61	-14.61
2450	45	-24.59	-18.92	-14.62	-14.04	-9.03	-5.26	-10.33	-8.66	-6.96	-6.42	-10.33	-11.93	-11.93
2450	60	-17.6	-14.37	-10.83	-10.42	-6.78	-3.98	-8.05	-9.54	-8.13	-7.09	-10.9	-9.91	-9.91
2450	75	-13.87	-11.84	-8.34	-7.73	-7.02	-3.79	-6.69	-16.33	-9.71	-7.69	-9.37	-15.44	-15.44
2450	90	-12.61	-10.1	-6.56	-5.78	-7.16	-6.8	-7.78	-19.1	-14.3	-10.18	-12.63	-12.05	-12.05
2450	105	-11.6	-9.33	-7.89	-6.65	-5.69	-9.88	-10.48	-12.25	-25.76	-9.02	-10.13	-20.3	-20.3
2450	120	-11.84	-9.85	-8.24	-7.36	-7.74	-9.77	-11.74	-9.73	-14.5	-12.7	-8.16	-20.36	-20.36
2450	135	-10.4	-11.05	-10.26	-10.56	-8.69	-6.96	-10.78	-11.3	-11.62	-14.12	-11.74	-16.56	-16.56
2450	150	-9.92	-13.57	-14.5	-14.22	-10.51	-7.29	-9.03	-12.02	-16.83	-14.94	-17.26	-15.69	-15.69
2450	165	-11.26	-17.2	-21.54	-16.34	-10.56	-9.41	-11.7	-11.69	-18.9	-21.45	-17.83	-10.26	-10.26
2450	180	-14.29	-23.6	-30.42	-20.95	-12.04	-9	-14.11	-21.59	-24.29	-20.22	-20.36	-12.56	-12.56
2450	195	-17.08	-28.27	-24.76	-20.01	-14.73	-12.89	-20.09	-17.15	-17.1	-14.42	-15.76	-14.6	-14.6
2450	210	-25.5	-26.15	-17.64	-15.61	-15.27	-15.71	-32.44	-26.19	-12.15	-10.91	-16.01	-12.81	-12.81
2450	225	-23.54	-25.34	-14.77	-13.73	-13.42	-8.62	-10.68	-15.02	-10.61	-10.41	-23.66	-16.7	-16.7
2450	240	-16.46	-17.08	-13.28	-10.4	-7.23	-6.4	-6.39	-8.66	-6.48	-11.04	-20.65	-12.72	-12.72
2450	255	-14.16	-13.92	-13.87	-12.53	-9.06	-4.39	-5.82	-5.06	-6.03	-11.82	-14.41	-13.9	-13.9
2450	270	-13.09	-12.91	-12.96	-13.71	-11.08	-6.02	-7.96	-5.28	-9.93	-10.59	-14.8	-9.28	-9.28
2450	285	-12.03	-12.06	-10.38	-13.02	-11.55	-10.17	-11.23	-9.62	-19.22	-8.81	-7.65	-8.98	-8.98
2450	300	-11.03	-10.34	-9.67	-11.83	-12.64	-16.43	-13.23	-15.66	-24.63	-10.49	-7.83	-9.88	-9.88
2450	315	-10.71	-10.07	-10.83	-14.36	-15.52	-19.56	-15.29	-22.07	-14	-5.19	-4.53	-13.45	-13.45
2450	330	-11.81	-11.19	-12.83	-18.2	-15.69	-12.11	-10.17	-14.57	-10.32	-6.89	-10.12	-11.55	-11.55
2450	345	-13.26	-13	-14.51	-17.63	-17.66	-22.54	-11.83	-11.41	-12.99	-8.56	-7.13	-13.05	-13.05
2450	360	-14.91	-15.52	-17.14	-17.42	-16.53	-12.25	-10.39	-8.85	-7.58	-17.88	-11.55	-16.91	-16.91
2500	0	-16.54	-16.47	-13.8	-13.48	-12.85	-16.77	-18.96	-18.29	-10.74	-11.99	-12.14	-17.6	-17.6
2500	15	-19.15	-17.75	-14.83	-19.68	-14.99	-16.47	-24.87	-21.1	-14.79	-21.72	-16.22	-17.62	-17.62
2500	30	-22.78	-20.32	-22.53	-20.79	-13.59	-15.11	-20.58	-13.75	-24.54	-16.22	-20.74	-29.14	-29.14
2500	45	-23.36	-20.91	-25.09	-13.66	-10.46	-9.62	-11.86	-11.43	-15.81	-13.62	-12.57	-17.75	-17.75
2500	60	-18.92	-17.45	-15.06	-9.81	-7.04	-7.35	-10.9	-10.73	-13.4	-13.07	-17.95	-18.13	-18.13
2500	75	-16.13	-14.39	-11.37	-7.53	-5.76	-5.74	-9.21	-14.96	-14.1	-13.51	-17.05	-22.78	-22.78
2500	90	-15.01	-12.95	-9.39	-6.65	-6.17	-5.82	-10.46	-16.63	-19.24	-14.62	-14.28	-22.89	-22.89
2500	105	-14.37	-10.89	-8.68	-7.06	-6.36	-7.75	-13.51	-16.89	-24.4	-12.43	-13.31	-21.19	-21.19
2500	120	-13.8	-10.05	-8.66	-7.17	-8.55	-10.12	-13.95	-14.1	-16.51	-24.11	-12.73	-19.42	-19.42
2500	135	-13.13	-11.11	-10	-9	-10.13	-11	-13.49	-12.9	-11.04	-23.17	-19.86	-19.28	-19.28
2500	150	-12.9	-14.08	-11.77	-10.35	-11.41	-13.22	-12.84	-15.01	-11.81	-12.84	-20.69	-18.21	-18.21
2500	165	-13.62	-18.84	-14.1	-11.97	-12.81	-14.21	-13.59	-14.37	-13.9	-15.37	-19.06	-14.33	-14.33
2500	180	-14.89	-25.84	-19.55	-15.68	-16.91	-19.73	-19.55	-24.32	-15.97	-16.15	-24.83	-15.96	-15.96
2500	195	-17.11	-28.95	-26.96	-22.45	-21.42	-22.87	-25.65	-35.33	-14.53	-13.42	-20.04	-20.4	-20.4
2500	210	-19.51	-21.21	-20.5	-16.46	-13.77	-15.78	-15.29	-19.07	-14.67	-11.29	-30.64	-25.83	-25.83
2500	225	-24.68	-20.14	-16.91	-12.38	-10.35	-7.37	-7.68	-11.26	-13.89	-12.81	-20.45	-17.58	-17.58
2500	240	-19.89	-19.48	-17.74	-11.24	-7.17	-5.27	-5.67	-8.28	-8.39	-10.86	-17.26	-16.02	-16.02
2500	255	-17.05	-15.89	-15.76	-14.18	-8.88	-5.24	-7.17	-6.36	-7.14	-10.13	-13.06	-18.91	-18.91
2500	270	-15.03	-12.86	-13.09	-13.53	-11.63	-7.55	-9.94	-7.99	-9.42	-7.26	-15.14	-14.33	-14.33
2500	285	-14.4	-12.06	-9.76	-11.57	-14.05	-11.39	-12.4	-12.65	-13.47	-8.6	-10.23	-13.67	-13.67
2500	300	-13.21	-12.85	-9.22	-11.5	-14.55	-12.25	-12.43	-18.76	-18.02	-12.54	-11.83	-16.16	-16.16
2500	315	-13.09	-13.46	-12.37	-16.22	-13.74	-8.78	-16.65	-19.89	-18.38	-10.74	-7.77	-17.92	-17.92
2500	330	-13.36	-13.91	-14.68	-18.48	-12.5	-14.27	-19.68	-22.55	-18.86	-9.97	-15.29	-15.01	-15.01
2500	345	-14.27	-15.66	-15.44	-13.37	-12.81	-13.49	-16.47	-14.49	-14.35	-10	-8.52	-14.59	-14.59
2500	360	-16.54	-16.47	-13.8	-13.48	-12.85	-16.77	-18.96	-18.29	-10.74	-11.99	-12.14	-17.6	-17.6

Ant. Position: 2G ANT 7 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-10.65	-6.6	-6.66	-4.87	-4.52	-1.34	-7.41	-12.05	-2.22	-6.78	-9.39	-14.81	-14.81
2400	15	-10.06	-5.85	-5.14	-3.11	-4.36	-6.94	-3.95	-12.83	-2.98	-7.64	-4.33	-10.77	-10.77
2400	30	-10.05	-5.84	-4.39	-2.61	-4.58	-7.24	-2.61	-10.35	-8.81	-9.09	-5.45	-8.34	-8.34
2400	45	-11.35	-7.03	-3.92	-3.25	-6.05	-6.72	-6.08	-7.79	-9.57	-10.4	-6.47	-8.22	-8.22
2400	60	-12.77	-8.51	-5.54	-4.6	-4.65	-3.92	-9.18	-10.34	-10.41	-22.52	-13.84	-9.36	-9.36
2400	75	-15.78	-11.21	-8.66	-7.39	-3.9	-3.87	-6.18	-15	-17.47	-25.19	-12.7	-10.38	-10.38
2400	90	-18.62	-13.58	-15.18	-10.47	-2.83	-3.97	-5.94	-11.91	-20.25	-17.34	-25.18	-16.86	-16.86
2400	105	-25.98	-13.67	-17.65	-13.31	-3.53	-2.26	-5.68	-13.37	-15.69	-14.92	-12.9	-19.16	-19.16
2400	120	-22.33	-12.71	-14.82	-10.63	-4.09	-1.56	-4.31	-16.59	-18.96	-11.86	-8.37	-18.4	-18.4
2400	135	-15.68	-11.29	-9.47	-12.86	-7.1	-1.22	-5.51	-11.04	-11.7	-7.82	-10.44	-10.1	-10.1
2400	150	-13.3	-8.22	-7.68	-14.24	-16.75	-7.1	-3.28	-16.4	-6.89	-13.93	-14.83	-8.57	-8.57
2400	165	-11.09	-7.37	-7.52	-12.58	-10.62	-11.97	-4.72	-6.9	-3.89	-17.68	-4.99	-13.47	-13.47
2400	180	-10.22	-7.46	-7.34	-10.85	-5.98	-4.06	-5.98	-6.33	-3.7	-23.65	-3.52	-13.15	-13.15
2400	195	-10.13	-8.45	-9.28	-12.1	-6.38	-1.26	-3.31	-8.09	-5.44	-11.49	-11.06	-5.08	-5.08
2400	210	-10.73	-9.71	-11.55	-14.19	-8.14	-1.61	-0.8	-6.36	-17.54	-14.12	-10.19	-9.53	-9.53
2400	225	-12	-10.98	-13.58	-27.48	-9.98	0.26	0.96	-5.16	-11.46	-24.26	-16.43	-31.96	-31.96
2400	240	-13.09	-13.54	-15.23	-15.64	-9.13	0	0.94	-0.79	-11.88	-27.77	-13.53	-30.11	-30.11
2400	255	-15.63	-17.74	-30.04	-13.51	-6.41	0.67	1.24	-0.45	-16.13	-9.12	-14.94	-20.07	-20.07
2400	270	-20.61	-18.11	-24.14	-15.13	-4.49	0.83	2.02	-1.86	-11.06	-13.11	-12.89	-15.41	-15.41
2400	285	-27.94	-14.47	-19.13	-13.44	-4.91	2.16	1.96	-3.37	-9.88	-9.66	-10.71	-8.71	-8.71
2400	300	-21.91	-12.75	-12.05	-16.59	-3.39	3.08	1.89	-6.39	-7.37	-9.16	-16.74	-8.13	-8.13
2400	315	-15.23	-10.75	-9.87	-12.49	-3.43	1.55	1.75	-7.96	-13.77	-18.36	-8.71	-10.81	-10.81
2400	330	-13.04	-9	-8.45	-10.08	-2.73	0.68	-2.7	-5.88	-9.52	-11.23	-11.8	-8.83	-8.83
2400	345	-11.98	-7.53	-7.48	-9.38	-2.4	0.4	-4.07	-18	-9.61	-19.37	-5.32	-10.64	-10.64
2400	360	-10.65	-6.6	-6.66	-4.87	-4.52	-1.34	-7.41	-12.05	-2.22	-6.78	-9.39	-14.81	-14.81
2450	0	-13.12	-7.37	-4.46	-3.42	-1.65	-1.7	-6.41	-11.69	-4.84	-8.21	-14.48	-20.74	-20.74
2450	15	-12.06	-7.48	-4.12	-2.63	-2.39	-5.13	-4.32	-12.05	-4.72	-8.4	-9.46	-11.91	-11.91
2450	30	-11.07	-6.39	-3.52	-1.57	-2.99	-6.91	-3.25	-11.9	-8.19	-10.49	-8.33	-10.8	-10.8
2450	45	-10.75	-6.71	-3.22	-1.8	-2.82	-5.77	-3.91	-8.76	-9.09	-11.9	-9.34	-11.19	-11.19
2450	60	-11.84	-7.89	-4.22	-2.28	-1.76	-3.2	-6.04	-8.61	-10.58	-19.4	-22.59	-12.93	-12.93
2450	75	-13.3	-9.23	-6.7	-3.94	-1.89	-2.31	-5.56	-9.7	-15.14	-22.53	-18.52	-12.79	-12.79
2450	90	-14.94	-11.33	-10.76	-8.78	-3.02	-2.59	-6.03	-9.68	-27.46	-20.94	-25.51	-15.51	-15.51
2450	105	-19.21	-14.42	-13.8	-19.04	-7.29	-3.72	-7.28	-12.43	-23.33	-18.69	-22.92	-16.75	-16.75
2450	120	-23.73	-14.32	-10.01	-14.89	-11.24	-5.04	-6.67	-18	-15.61	-16.95	-14.97	-21.49	-21.49
2450	135	-24.62	-11.66	-6.45	-9.38	-12.24	-6.48	-7.44	-16.07	-11.36	-11.19	-18.22	-13.34	-13.34
2450	150	-17.63	-9.82	-6.01	-8.93	-9.16	-16.52	-7.07	-12	-9.71	-11.6	-30.12	-11.27	-11.27
2450	165	-13.91	-8.85	-6.1	-7.17	-8	-13.55	-9.26	-7.46	-9.93	-17.2	-13.6	-21.89	-21.89
2450	180	-12.64	-8.39	-6.2	-7.46	-7.98	-4.65	-5.98	-6.8	-13.73	-18.33	-9.95	-19.03	-19.03
2450	195	-11.63	-8.31	-6.08	-8.99	-8.84	-1.67	-2.94	-6.3	-21.12	-16.19	-19.45	-11.73	-11.73
2450	210	-11.87	-9.08	-7.21	-10.25	-10.08	-2.95	-1.7	-3.76	-15.62	-18.05	-29.63	-15.01	-15.01
2450	225	-10.43	-11.76	-8.52	-11.95	-12.96	-1.54	0.3	-2.74	-7.24	-13.01	-21.01	-23.03	-23.03
2450	240	-9.96	-12.7	-8.3	-12.18	-13.68	-0.78	0.94	0.13	-5.41	-9.72	-15.6	-18.59	-18.59
2450	255	-11.29	-12.95	-10.97	-13.88	-12.36	-0.38	1.92	0.56	-6.8	-5.13	-16.82	-21.66	-21.66
2450	270	-14.33	-14.64	-15.13	-18	-9.44	0.04	2.27	0.07	-6.86	-6.01	-12.12	-20.13	-20.13
2450	285	-17.11	-15.62	-15.65	-20.58	-5.52	1.38	1.81	-2.08	-8.18	-6.81	-14.49	-14.03	-14.03
2450	300	-25.54	-12.71	-12.57	-9.59	-2.4	2.38	0.97	-6.93	-8.95	-8.19	-20.31	-13.88	-13.88
2450	315	-23.57	-10.18	-7.88	-7.56	-1.34	1.71	0.09	-12.4	-10.86	-21.41	-11.9	-17.14	-17.14
2450	330	-16.5	-8.3	-6.65	-4.8	-0.47	0.93	-3.47	-7.74	-12.82	-14.18	-17.03	-12.81	-12.81
2450	345	-14.19	-7.28	-5.53	-4.36	-0.41	0.33	-4.76	-13.39	-10.15	-12.85	-8.81	-11.76	-11.76
2450	360	-13.12	-7.37	-4.46	-3.42	-1.65	-1.7	-6.41	-11.69	-4.84	-8.21	-14.48	-20.74	-20.74
2500	0	-15.04	-10.37	-6.71	-2.46	-1.17	-1.99	-6.38	-14.97	-9.1	-9.8	-19.68	-22.75	-22.75
2500	15	-14.41	-9.87	-5.57	-1.99	-1.85	-7.27	-6.63	-15.05	-7.63	-11.61	-16.35	-16.68	-16.68
2500	30	-13.21	-9.79	-5.03	-1.91	-2.44	-10.14	-5.01	-17.22	-7.97	-13.01	-12.82	-16.91	-16.91
2500	45	-13.1	-10.11	-5.07	-1.71	-3.13	-7.68	-4.15	-10.7	-8.31	-12.95	-13.41	-15.32	-15.32
2500	60	-13.36	-9.94	-5.6	-2.54	-2.14	-4.16	-5.45	-7.1	-11.09	-18.03	-16.81	-13.51	-13.51
2500	75	-14.28	-10.92	-7.35	-3.83	-2.23	-2.95	-5.16	-6.94	-13.45	-18.26	-13.67	-14.13	-14.13
2500	90	-16.55	-12.51	-10	-7.24	-4.1	-3.04	-5.64	-8.55	-20.16	-19.17	-19.46	-13.65	-13.65
2500	105	-19.16	-15.28	-12.19	-12.63	-9.34	-4.82	-6.99	-12	-21.1	-30.05	-16.28	-14.12	-14.12
2500	120	-22.79	-15.82	-11.71	-12.74	-26.83	-7.67	-7.94	-15.53	-14.92	-27.57	-22.27	-18.08	-18.08
2500	135	-23.37	-12.82	-8.42	-7.53	-11.17	-12.48	-11.18	-15.44	-11.24	-16.3	-19.85	-16.05	-16.05
2500	150	-18.92	-11.36	-7.15	-6.03	-6.52	-21.17	-10.49	-12.24	-9.85	-10.34	-20.88	-12.7	-12.7
2500	165	-16.13	-11.02	-6.8	-6.21	-6.07	-7.43	-8.54	-8.04	-11.36	-12.66	-17.93	-19.29	-19.29
2500	180	-15.02	-10.95	-6.61	-7.53	-7.43	-3.43	-4.98	-6.29	-28.34	-12.33	-16.95	-16.19	-16.19
2500	195	-14.38	-10.95	-7.51	-7.69	-9.26	-2.41	-4.7	-5.64	-18.05	-16.04	-20.01	-12.79	-12.79
2500	210	-13.81	-10.5	-9.54	-10.99	-15.1	-3.62	-3.06	-4.75	-8.36	-17.25	-15.1	-17.5	-17.5
2500	225	-13.14	-10.43	-9.98	-11.5	-13.14	-2.84	-1.15	-4.76	-6.72	-10.64	-17.46	-21.75	-21.75
2500	240	-12.91	-11.62	-12.38	-15.17	-14.78	-2.04	-0.48	-1.84	-5.45	-8.71	-15.33	-19.62	-19.62
2500	255	-13.63	-13.93	-15.5	-21.46	-14.82	-2.17	-0.06	-0.48	-6.42	-5.29	-15.6	-25.73	-25.73
2500	270	-14.9	-16.03	-18.44	-19.76	-9.42	-1.04	0.7	-0.07	-6.36	-6.43	-12.78	-30.16	-30.16
2500	285	-17.11	-16.34	-22.31	-14.87	-4.78	1.21	1.1	-1.36	-8.93	-9.26	-15.17	-18.12	-18.12
2500	300	-19.52	-14.88	-15.11	-8.94	-1.54	2.03	0.29	-6.32	-13.89	-10.61	-18.45	-21.52	-21.52
2500	315	-24.68	-13.12	-10.27	-6.02	-0.47	1.4	-1.29	-19.21	-10.52	-20.33	-14.23	-22.1	-22.1
2500	330	-19.9	-11.17	-7.77	-4.26	-0.45	0.15	-4.37	-11.77	-16.55	-21.96	-17.28	-17.08	-17.08
2500	345	-17.06	-10.49	-7.32	-3.07	-0.44	0.25	-5.66	-13.81	-11.04	-12.01	-12.71	-13.58	-13.58
2500	360	-15.04	-10.37	-6.71	-2.46	-1.17	-1.99	-6.38	-14.97	-9.1	-9.8	-19.68	-22.75	-22.75

Ant. Position: 2G ANT 8 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-23.47	-9.16	-11.03	-16.76	-6.07	-6.18	-17.51	-10.63	-5.47	-9.63	-7.7	-10.21	-10.21
2400	15	-26.07	-7.82	-10.73	-18.3	-4.9	-3.86	-9.22	-17.69	-8.87	-9.23	-7.25	-12.8	-12.8
2400	30	-17.52	-7.95	-8.85	-13.54	-5.24	-3.82	-3.33	-6.31	-16.12	-11.71	-7.44	-11.61	-11.61
2400	45	-14.42	-8.27	-8.76	-15.9	-8.36	-7.99	-2.74	-0.97	-4.58	-12.98	-12.34	-13.15	-13.15
2400	60	-13.64	-8.99	-9.24	-14.87	-18.08	-12.24	-8.51	-2.27	-2.18	-7.01	-13.78	-17.52	-17.52
2400	75	-13.18	-8.92	-9.02	-16.08	-33.12	-30.21	-18.14	-10.77	-5.88	-5.97	-10.93	-13.59	-13.59
2400	90	-12.1	-7.53	-10.57	-13.6	-26.61	-13.88	-18.58	-19.39	-11.16	-8.73	-13.37	-13.62	-13.62
2400	105	-11.81	-7.81	-8.86	-12.41	-20.88	-17.2	-16.72	-12.03	-25.89	-15.84	-12.96	-12.25	-12.25
2400	120	-12.74	-9.7	-11.26	-17.12	-18.15	-13.96	-11.18	-6.63	-10.02	-20.68	-12.49	-16.89	-16.89
2400	135	-14.81	-11.02	-13.16	-18.89	-13.36	-11.29	-8.16	-6.97	-5.12	-14.53	-23.83	-15.42	-15.42
2400	150	-17.71	-11.2	-13.49	-16.12	-15.22	-8.85	-10.3	-4.72	-6.27	-10.18	-28.41	-12.63	-12.63
2400	165	-24.44	-11.15	-14.78	-15.82	-15.77	-14.52	-9.11	-4.48	-3.91	-12.06	-16.85	-15.77	-15.77
2400	180	-28.57	-12.64	-15.57	-16.42	-18.6	-21.71	-9.38	-4.54	-5.99	-11.1	-18.35	-8.41	-8.41
2400	195	-20.93	-15.5	-13.24	-12.96	-11.76	-14.33	-16.58	-9.53	-12.02	-11.02	-19.49	-4.76	-4.76
2400	210	-15.88	-16.36	-13.26	-8.19	-10.05	-5.7	-16.62	-22.5	-9.94	-13.86	-16.93	-9.67	-9.67
2400	225	-13.58	-12.28	-16.16	-13.62	-9.14	-10.7	-9.98	-3.25	-10.36	-7.42	-7.57	-14.14	-14.14
2400	240	-11.51	-9.58	-14.24	-11.42	-9.44	-8.24	-8.79	-3.42	-3.92	-5.74	-7.47	-16.01	-16.01
2400	255	-10.74	-8.3	-10.43	-10.22	-8.43	-5.67	-8.82	-7.33	-3.21	-7.24	-9.3	-12.57	-12.57
2400	270	-9.93	-8.92	-9.34	-8.61	-4.46	-3.76	-6.53	-7.05	-5.7	-8.31	-14.55	-20.02	-20.02
2400	285	-9.72	-12.35	-13.94	-8.46	-4.9	-6.2	-7.49	-12.57	-12.04	-10.43	-16.28	-18.64	-18.64
2400	300	-11.02	-17.16	-13.18	-7.75	-7.1	-12.97	-20.95	-11.68	-12.15	-16.44	-17.49	-17.57	-17.57
2400	315	-12.81	-20.81	-10.14	-6.96	-7.7	-7.79	-5.94	-1.92	-4.45	-11.74	-12.79	-14.38	-14.38
2400	330	-15.42	-13.81	-7.82	-8.09	-9.69	-12.9	-2.68	1.56	-0.85	-6.44	-14.99	-11.54	-11.54
2400	345	-20.58	-9.58	-8.46	-12.31	-19.68	-8.01	-5.13	-3.31	-3.62	-7.43	-7.05	-8.79	-8.79
2400	360	-23.47	-9.16	-11.03	-16.76	-6.07	-6.18	-17.51	-10.63	-5.47	-9.63	-7.7	-10.21	-10.21
2450	0	-11.64	-15.28	-8.98	-18.85	-3.9	-4.82	-22.02	-12.82	-8.24	-7.56	-6.39	-10.44	-10.44
2450	15	-13.37	-14.38	-10.42	-21.97	-2.28	-1.44	-7.57	-16.09	-8.61	-5.79	-3.76	-13.29	-13.29
2450	30	-13.81	-12.58	-10.23	-15.02	-3.44	-1.57	-1.22	-6.66	-7.75	-3.17	-4.77	-11.59	-11.59
2450	45	-13.76	-10.48	-8.67	-10.01	-5.36	-3.89	-2	-0.25	-2.04	-5.5	-8.78	-12.12	-12.12
2450	60	-11.45	-10.01	-9.9	-10.47	-11.42	-8.72	-11.09	-1.5	-0.59	-4.01	-8.34	-12.75	-12.75
2450	75	-9.13	-11.76	-10.72	-10.72	-16.57	-25.09	-19.43	-11.94	-4.8	-4.12	-10.25	-12.47	-12.47
2450	90	-7.53	-11.71	-10.5	-9.44	-12.69	-13.33	-11.94	-10.1	-9.55	-7.49	-15.53	-16.33	-16.33
2450	105	-6.9	-8.74	-8.09	-8.46	-10.64	-20.2	-19.09	-11.31	-14.26	-14.49	-13.18	-12.13	-12.13
2450	120	-6.72	-6.32	-6.52	-8.4	-10.36	-11.55	-12.43	-7.58	-9.42	-22.48	-13.01	-29.29	-29.29
2450	135	-6.98	-6.38	-9.42	-11.13	-8.73	-7.7	-7.71	-9.1	-4.52	-8.75	-18.8	-12.21	-12.21
2450	150	-8.14	-7.53	-8.65	-8.96	-6.32	-5.34	-11.23	-4.73	-4.48	-5.92	-20.55	-8.49	-8.49
2450	165	-9.93	-8.5	-7.47	-7.84	-6.85	-7.37	-8.41	-3.37	-1.94	-6.22	-12.36	-16.05	-16.05
2450	180	-11.7	-9.21	-8.37	-9.63	-9.4	-12.79	-7.54	-4.93	-3.18	-5.63	-20.91	-10.36	-10.36
2450	195	-13.96	-12.97	-11.15	-9.35	-18.14	-20.59	-27.6	-7.7	-5.76	-5.94	-22.05	-5.78	-5.78
2450	210	-17.7	-21.75	-17.04	-9.12	-7.26	-5.05	-16.36	-15.25	-13.21	-14.63	-16.21	-10.81	-10.81
2450	225	-18.74	-16.9	-18.18	-10.42	-7.95	-9.02	-10.3	-5.34	-15.15	-6.87	-7.11	-20.75	-20.75
2450	240	-15.06	-12.88	-14.23	-13.67	-8.37	-5.82	-9.95	-5.76	-4.73	-6.8	-8.28	-16.15	-16.15
2450	255	-11.73	-14.01	-9.67	-12.93	-8.88	-5.86	-9.47	-11.44	-4.83	-7.78	-10.13	-9.52	-9.52
2450	270	-8.99	-13.26	-10.62	-7.71	-5	-3.26	-4.03	-5.64	-3.35	-3.87	-10.47	-26.03	-26.03
2450	285	-7.63	-11.2	-10.95	-9.21	-3.14	-1.61	-2.04	-5.16	-5.6	-4.19	-8.81	-25.22	-25.22
2450	300	-7.86	-13.93	-13.86	-8.12	-4.53	-4	-7.6	-8.83	-13.58	-15.75	-13.89	-14.97	-14.97
2450	315	-8.05	-24.21	-11.5	-5.39	-5.17	-4.55	-4.52	-3.95	-8.85	-30.41	-14.8	-18.68	-18.68
2450	330	-9.02	-22.92	-8.15	-6.64	-6	-8.93	-1.87	0.9	-3.53	-9.39	-11.8	-12.99	-12.99
2450	345	-10.59	-15.53	-7.85	-10.06	-10.32	-5.12	-4.27	-5.55	-6.6	-8.14	-8.04	-8.74	-8.74
2450	360	-11.64	-15.28	-8.98	-18.85	-3.9	-4.82	-22.02	-12.82	-8.24	-7.56	-6.39	-10.44	-10.44
2500	0	-10.05	-11.29	-11.44	-9.92	-3.53	-2.71	-21	-9.06	-7.18	-5.45	-4.68	-7.22	-7.22
2500	15	-11.04	-11.83	-15.17	-19.35	-1.72	-0.46	-5.26	-14.91	-6.52	-1.91	-1.75	-13.47	-13.47
2500	30	-12.76	-13.66	-15.74	-19.19	-3.25	0.67	-0.55	-6.09	-5.2	-0.94	-3.14	-10.28	-10.28
2500	45	-12.7	-14.23	-12.93	-12.7	-6.71	-2.2	-2.07	-1.13	-3.23	-3.03	-3.92	-8.76	-8.76
2500	60	-11.66	-12.15	-10.92	-12.01	-10.49	-6.05	-11.69	-3.03	-2.25	-3.88	-5.29	-12.73	-12.73
2500	75	-9.95	-10.57	-15.05	-11.94	-17.06	-24.65	-22.54	-16.59	-7.07	-4.83	-9.19	-10.71	-10.71
2500	90	-8.99	-11.25	-9.54	-14.86	-12.38	-15.68	-14.05	-7.82	-8.76	-9.07	-16.24	-19.13	-19.13
2500	105	-8.4	-8.32	-10.21	-14	-11.42	-22.96	-15.86	-9.95	-11.34	-18.39	-19.35	-15.28	-15.28
2500	120	-8.18	-6.71	-8.18	-10.88	-14.29	-13.26	-16.83	-9.15	-7.71	-12.55	-28.11	-25.41	-25.41
2500	135	-7.62	-6.24	-7.33	-9.49	-8.17	-8.07	-10.23	-10.79	-5.85	-4.14	-10.21	-11.8	-11.8
2500	150	-6.95	-7.07	-8.24	-7.96	-5.38	-5.16	-12.01	-8.34	-3.38	-3.14	-13.99	-7.35	-7.35
2500	165	-7.19	-9.1	-8.3	-8.15	-6.54	-5.47	-6.36	-5.26	-3.13	-4.02	-9.27	-16.5	-16.5
2500	180	-8.62	-10.01	-8.97	-7.17	-6.89	-5.09	-6.48	-5.85	-4.65	-5.32	-15.8	-12.01	-12.01
2500	195	-10.36	-9.92	-11.7	-9.2	-10.56	-8.86	-23.38	-12.12	-5.4	-5.02	-18.24	-9.14	-9.14
2500	210	-12.24	-10.41	-11.08	-18.22	-6.63	-6.06	-18.22	-11.24	-12.92	-8.68	-12.4	-7.55	-7.55
2500	225	-13.16	-12.21	-11.65	-10.54	-9.54	-10.1	-11.82	-8.82	-11.74	-6.94	-6.83	-19.35	-19.35
2500	240	-12.05	-17.58	-20.01	-17.07	-12.78	-7.94	-10.86	-11.61	-7.64	-5.78	-6.72	-15.74	-15.74
2500	255	-10.05	-13.6	-16.58	-17.88	-19.17	-12.75	-12.31	-17.83	-10.69	-6.99	-13.53	-7.81	-7.81
2500	270	-8.13	-9.06	-15.85	-10.58	-9.54	-9.76	-5.28	-7.89	-5.56	-5.13	-9.28	-14.89	-14.89
2500	285	-7.03	-10.19	-16.55	-10.17	-5.17	-3.86	-2.4	-3.6	-5.03	-4	-9.02	-19.66	-19.66
2500	300	-6.01	-13.4	-23.09	-8.25	-3.34	-1.46	-5.43	-7.03	-8.12	-6.98	-9.28	-13.07	-13.07
2500	315	-5.78	-15.13	-13.83	-5.7	-3.52	-1.58	-3.14	-5.48	-14.47	-15.23	-15.99	-24.03	-24.03
2500	330	-6.69	-15.87	-11.12	-5.01	-4.24	-5.37	-1.64	0.17	-4.93	-10.02	-12.03	-19.36	-19.36
2500	345	-8.81	-12.91	-9.96	-6.76	-10.6	-3.32	-2.68	-3.61	-10.25	-8.41	-6.18	-7.79	-7.79
2500	360	-10.05	-11.29	-11.44	-9.92	-3.53	-2.71	-21	-9.06	-7.18	-5.45	-4.68	-7.22	-7.22

Ant. Position: 2G ANT 8 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
2400	0	-9.96	-6.84	-7.6	-18.63	-18.5	-4.63	-8.79	-14.87	-14.3	-20.06	-11.24	-13.71	-13.71
2400	15	-9.74	-8.06	-8.23	-16.1	-15.23	-5.98	-8.82	-16.65	-17.54	-15.54	-14.58	-12.56	-12.56
2400	30	-11.05	-9.44	-9.04	-14.07	-6.04	-13.39	-8.49	-9.14	-8.33	-12.13	-9.98	-11.84	-11.84
2400	45	-12.84	-10.68	-9.25	-7.71	-3.89	-3.11	-8.41	-16.55	-8.48	-12.27	-10.13	-11.85	-11.85
2400	60	-15.45	-11.28	-8.3	-6.67	-2.94	0.06	-3.83	-12.36	-13.04	-11.57	-9.92	-31.61	-31.61
2400	75	-20.6	-11.61	-8.6	-5.66	-2.49	-1.23	-0.94	-4.52	-15.44	-7.11	-5.89	-6.58	-6.58
2400	90	-23.5	-10.93	-8.14	-6.76	-2.6	-1.74	-1.49	-1.86	-11.8	-7.94	-4.64	-6.76	-6.76
2400	105	-26.1	-9.82	-5.56	-4.99	-3.84	-1.82	-1.89	-2	-3.64	-10.18	-5.1	-6.39	-6.39
2400	120	-17.55	-10.24	-5.78	-4.77	-5.3	-4.51	-2.4	-2.34	-2.09	-5.22	-4.67	-8.96	-8.96
2400	135	-14.44	-10.78	-5.6	-3.48	-0.84	-3.16	-3.04	-2.81	-2.85	-1.7	-5.89	-4.17	-4.17
2400	150	-13.67	-10.07	-4.63	-2.45	0.17	0.32	-1.08	-0.43	-6.22	-0.91	-12.77	-1.15	-1.15
2400	165	-13.21	-8.94	-5.72	-4.5	0.82	0.7	-1.12	-0.26	-8.74	-2.51	-11.88	-7.32	-7.32
2400	180	-12.13	-8.27	-7.35	-6.28	-0.13	1.1	0.63	1.7	-7.51	-3.3	-8.2	-7.73	-7.73
2400	195	-11.84	-7.79	-9.9	-9.16	-1.25	0.47	0.38	2.58	-3.98	-1.35	-14.36	-1.56	-1.56
2400	210	-12.76	-6.99	-8.59	-14.06	-5.2	-6.29	-3.5	-0.38	-1.63	-1.78	-11.38	-5.19	-5.19
2400	225	-14.84	-7.23	-7.75	-12.6	-18.48	-10.13	-2.7	-2.46	-0.93	-5.43	-6.39	-8.08	-8.08
2400	240	-17.74	-8.83	-8.54	-7.01	-2.89	-0.95	-1.65	-1.98	-3.93	-17.79	-6.69	-8.65	-8.65
2400	255	-24.47	-11.63	-6.4	-4.28	-0.08	1.3	-2.66	-2.84	-15.04	-14.25	-8.16	-6.89	-6.89
2400	270	-28.6	-11.26	-4.92	-2.55	-0.17	-0.91	-6.22	-8.98	-17.14	-14.43	-11.87	-6.57	-6.57
2400	285	-20.96	-8.29	-3.44	-3.39	-2.16	-3.2	-12.38	-7.05	-8.63	-15.37	-13.33	-7.33	-7.33
2400	300	-15.9	-5.3	-2.97	-5.4	-3.58	-8.47	-8.55	-4.27	-4.11	-8.74	-15.64	-8.05	-8.05
2400	315	-13.61	-3.97	-3.23	-10.42	-5.37	-15.26	-3.73	-9.32	-4.18	-8.8	-10.37	-7.83	-7.83
2400	330	-11.54	-4.72	-5.84	-21.91	-10.2	-8.66	-5.87	-15.75	-5.82	-8.88	-17.14	-8.4	-8.4
2400	345	-10.77	-6.04	-8.52	-18.28	-10.92	-4.91	-6.93	-12.27	-13.37	-11.67	-7.57	-7.5	-7.5
2400	360	-9.96	-6.84	-7.6	-18.63	-18.5	-4.63	-8.79	-14.87	-14.3	-20.06	-11.24	-13.71	-13.71
2450	0	-9.02	-4.38	-6.18	-13.12	-8.25	-1.76	-2.42	-12.24	-17.67	-7.75	-9.18	-16.46	-16.46
2450	15	-7.67	-4.56	-6.71	-10.16	-6.39	-2.31	-1.72	-8.51	-12.87	-6	-8.65	-10.78	-10.78
2450	30	-7.9	-5.18	-5.23	-6.53	-2.43	-7.02	-1.74	-6.41	-5.69	-4.14	-5.7	-9.57	-9.57
2450	45	-8.09	-6.39	-5.28	-5.59	-1.22	-1.13	-3.28	-6.49	-9.38	-6.3	-3.23	-9.88	-9.88
2450	60	-9.06	-8.08	-5.96	-4.59	-1.26	1.31	-1.84	-4.9	-13.67	-7.35	-4	-11.29	-11.29
2450	75	-10.62	-7.83	-5.02	-5.84	-2.29	-0.59	-0.49	-1.95	-17.63	-5.35	-1.52	-5.01	-5.01
2450	90	-11.68	-6.64	-4.82	-4.54	-4.92	-2.76	-3.61	-1.01	-6.69	-8.95	-2.04	-4.02	-4.02
2450	105	-13.41	-6.93	-4.6	-4.53	-6.81	-6.17	-4.9	-2.77	-3.55	-7.35	-4.21	-3.26	-3.26
2450	120	-13.84	-7.5	-3.48	-4.32	-4.13	-7.86	-6.47	-3.09	-3.82	-3.05	-4.34	-6.1	-6.1
2450	135	-13.8	-7.41	-5.43	-4.76	-1.58	-2.1	-7.09	-2.43	-6.93	-1.83	-4.29	-3.72	-3.72
2450	150	-11.49	-8.19	-7.1	-4.31	-0.48	1.18	-2.08	-2.22	-12.77	-1.34	-10.49	-0.55	-0.55
2450	165	-9.17	-8.17	-7.23	-3.81	-0.7	-0.35	-1.87	-1.16	-9.61	-3.67	-1.17	-4.26	-4.26
2450	180	-7.56	-6.77	-6.98	-4.03	-0.37	1.91	-0.5	0.48	-3.91	-4.37	-7.7	-4.56	-4.56
2450	195	-6.93	-4.95	-5.19	-5.34	0.46	1.27	0.16	2.22	-2.74	-1.9	-11.14	0.54	0.54
2450	210	-6.76	-3.7	-4.39	-3.97	-4.73	-1.08	-1.07	1.93	0.3	-0.74	-7.64	-2.8	-2.8
2450	225	-7.02	-3.65	-5.02	-6.6	-6.23	-4.73	-0.51	-0.47	1.81	-1.54	-3.67	-5.04	-5.04
2450	240	-8.17	-4.33	-4.5	-6.67	-7.54	-3.23	-1.95	0.61	-0.18	-6.1	-3.21	-5.26	-5.26
2450	255	-9.96	-5.57	-4.06	-3.75	-4.3	-1	-2.78	-1.26	-4.12	-7.21	-3.68	-4.74	-4.74
2450	270	-11.74	-5.56	-4.77	-3.77	-4.24	-1.05	-2.35	-5.67	-6.23	-9.59	-6.03	-4.97	-4.97
2450	285	-13.99	-5.29	-2.86	-2.41	-2.88	-0.27	-3.8	-7.66	-14.45	-10.31	-7.07	-6.1	-6.1
2450	300	-17.74	-4.88	-1.57	-4.45	-2.52	-2.17	-8.1	-7.35	-11.51	-21.57	-8.7	-5.43	-5.43
2450	315	-18.78	-5.27	-3.81	-7.69	-3.96	-9.48	-4.31	-10.49	-7.78	-20.28	-6.21	-5.39	-5.39
2450	330	-15.1	-5.24	-4.56	-15.28	-6.22	-9.28	-4.86	-11.39	-7.38	-9.4	-11.53	-6.12	-6.12
2450	345	-11.76	-5.07	-5.6	-14.51	-6.18	-6.17	-3.01	-12.89	-16.18	-6.76	-4.74	-6.24	-6.24
2450	360	-9.02	-4.38	-6.18	-13.12	-8.25	-1.76	-2.42	-12.24	-17.67	-7.75	-9.18	-16.46	-16.46
2500	0	-8.13	-4.88	-5.72	-9.59	-5.11	-1.6	0.07	-6.83	-9.45	-5.16	-8.43	-24.93	-24.93
2500	15	-7.04	-5.48	-5.36	-10.07	-4.22	-1.82	0.91	-4.12	-7.09	-3.23	-8.44	-9.41	-9.41
2500	30	-6.02	-6.11	-5.55	-6.34	-2.26	-5.71	0.32	-4.64	-4.51	-2.38	-4.86	-9.04	-9.04
2500	45	-5.79	-6.54	-5.18	-4.37	-1.91	-0.97	-2.56	-4	-10.9	-7.77	-2.62	-8.14	-8.14
2500	60	-6.7	-7.59	-5.29	-6.16	-2.29	0.69	-3.46	-4.61	-10.44	-8.44	-3.94	-7.59	-7.59
2500	75	-8.81	-8.48	-5.27	-5.88	-4.86	-1.82	-3.05	-3.18	-10.06	-6.12	-1.43	-5.07	-5.07
2500	90	-10.06	-7.59	-5.01	-5.73	-9.38	-6.09	-6.03	-3.06	-2.87	-7.51	-3.2	-2.95	-2.95
2500	105	-11.05	-7.41	-5.8	-4.97	-5.24	-8.26	-5.43	-3.95	-2.9	-3.84	-4.54	-3.14	-3.14
2500	120	-12.76	-8.5	-5.57	-5.28	-2.47	-1.1	-2.94	-1.49	-7.01	-1.72	-6.34	-7.21	-7.21
2500	135	-12.7	-8.58	-6.77	-6.98	-2.16	1.33	-2.48	-0.85	-7.94	-3.09	-6.15	-5.26	-5.26
2500	150	-11.66	-8.1	-10.13	-9.75	-2.29	0.62	-1.19	-1.7	-4.19	-2.89	-10.71	-0.94	-0.94
2500	165	-9.96	-7.09	-12.17	-8.7	-2.46	0.53	-1.34	-0.64	-2.92	-5.93	-7.99	-3.81	-3.81
2500	180	-8.99	-6.05	-9.37	-4.79	-0.42	1.53	-1.39	-0.87	-1.37	-5.62	-7.64	-4.49	-4.49
2500	195	-8.41	-5.23	-6.7	-2.08	0.48	1.7	0.24	0.41	-1.6	-2.37	-11.14	-0.59	-0.59
2500	210	-8.19	-4.38	-5.91	-4.43	-0.46	1.19	0.44	1.3	-0.53	-0.32	-11.37	-4.44	-4.44
2500	225	-7.63	-3.4	-2.81	-4.97	-2.64	-1.52	-0.79	-0.28	1.79	-1.1	-5.61	-5.67	-5.67
2500	240	-6.96	-2.34	-1.68	-2.96	-4.35	-0.87	-1.12	1.26	-0.07	-4.19	-3.5	-6.33	-6.33
2500	255	-7.19	-2.29	-1.72	-1.35	-2.89	-1.26	-0.62	-0.19	-2.35	-3.5	-3.85	-5.21	-5.21
2500	270	-8.63	-3.4	-1.22	-0.59	-1.32	-1.82	1.25	-5.29	-2.96	-3.26	-3.81	-4.62	-4.62
2500	285	-10.37	-4.8	-0.94	-0.89	-2.17	-1.12	-0.3	-12.44	-6	-3.41	-4.52	-6.69	-6.69
2500	300	-12.24	-4.49	-1.46	-2.15	-1.74	-2.38	-3.62	-9.83	-12.6	-11.88	-4.99	-4.94	-4.94
2500	315	-13.17	-3.6	-1.63	-4.64	-2.84	-4.53	-3.69	-6.65	-11.98	-11.1	-4.03	-4.59	-4.59
2500	330	-12.05	-3.51	-2.83	-8.15	-5.17	-6.67	-4.29	-10.91	-5.67	-7.15	-8.02	-4.89	-4.89
2500	345	-10.06	-4.1	-4.58	-9.42	-6.28	-5.5	-1.1	-9.73	-6.69	-4.8	-3.05	-6.35	-6.35
2500	360	-8.13	-4.88	-5.72	-9.59	-5.11	-1.6	0.07	-6.83	-9.45	-5.16	-8.43	-24.93	-24.93

Ant. Position: 5G ANT 5 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-20.19	-25.34	-17.58	-25.79	-25.59	-18.04	-16.15	-6.6	-8.72	-6.2	-17.39	-10.72	-10.72
5150	15	-18.64	-26.94	-20.29	-14.64	-12.43	-17.17	-11.05	-14.42	-26.78	-13.53	-27.08	-12.27	-12.27
5150	30	-20.83	-20.19	-25.06	-18.46	-9.89	-8.12	-11.17	-15.76	-10.87	-10.21	-9.64	-19.59	-19.59
5150	45	-20.44	-13.24	-20.37	-23.99	-20.37	-9.52	-12.6	-13.99	-13.5	-9.25	-10.99	-21.6	-21.6
5150	60	-19.76	-18.16	-23.91	-24.95	-16.46	-22.28	-17.69	-27.24	-6.27	-11.34	-13.55	-14.23	-14.23
5150	75	-18.1	-37.63	-33.48	-23.41	-20.21	-22.31	-29.26	-13.53	-11.41	-10.09	-7.67	-9.68	-9.68
5150	90	-15.58	-17.06	-13.53	-9.53	-13.2	-17.35	-15.79	-8.57	-7.31	-10.48	-12.82	-7.18	-7.18
5150	105	-13.78	-13.76	-23.3	-17.74	-15.24	-14.58	-15.6	-21.94	-12.11	-10.89	-11.93	-13.5	-13.5
5150	120	-17.78	-14.04	-24.33	-12.07	-10.06	-14.12	-21.81	-7.24	-5.97	-8.33	-4.51	-12.67	-12.67
5150	135	-15.15	-20.4	-11.27	-11.92	-9.24	-8.76	-10.28	-11.42	-6.16	-14.26	-10.37	-15.97	-15.97
5150	150	-15.43	-26.5	-16.33	-6.14	-3.42	-5.92	-4.3	-5.36	-3.47	-10.32	-14.44	-7.73	-7.73
5150	165	-16.18	-19.19	-17.43	-7.34	-8.92	-8.77	-6.91	-11.44	-9.01	-9.64	-16.56	-15.37	-15.37
5150	180	-26.88	-28.53	-11.77	-14.97	-18.47	-34.34	-22.28	-17.23	-17.08	-26.1	-24.47	-9.21	-9.21
5150	195	-19.48	-28.82	-16.11	-11.71	-11.15	-11.47	-12.13	-13.32	-9.12	-13.2	-15.49	-15.91	-15.91
5150	210	-22.04	-29.15	-23.9	-13.53	-7.62	-4.88	-3.35	-2.84	-2.26	-9.35	-11.34	-11.93	-11.93
5150	225	-23.88	-23.07	-20.96	-20.73	-7.53	-6.22	-6.2	-3.37	-6.06	-14.2	-9.34	-11.29	-11.29
5150	240	-18.49	-33.37	-13.2	-14.78	-21.8	-15.68	-15.95	-6.42	-7.02	-10.89	-11.01	-9.31	-9.31
5150	255	-17.05	-18.28	-26.4	-14.64	-14.31	-16.13	-14.11	-7.06	-9.1	-9.42	-13.34	-14.81	-14.81
5150	270	-16.93	-17.33	-13.21	-15.25	-22.03	-20.06	-15.32	-7.74	-7.25	-16.85	-10.7	-17.37	-17.37
5150	285	-16.15	-18.75	-15.46	-18.53	-26.85	-19.03	-12.4	-12.48	-21.99	-15.76	-13.95	-12.26	-12.26
5150	300	-12.82	-24.99	-15.89	-19.8	-29.66	-18.72	-11.63	-7.9	-2.99	-5.22	-7.14	-28.84	-28.84
5150	315	-11.14	-16.85	-26.35	-21.77	-13.12	-15.64	-10.17	-19.96	-23.06	-10.19	-8.96	-16.43	-16.43
5150	330	-15.04	-20.67	-16.37	-17.6	-13.2	-18.13	-8.62	-6.35	-10.67	-5.98	-10.82	-12.62	-12.62
5150	345	-16.34	-23.55	-16.12	-31.95	-20.52	-12.55	-6.4	-11.91	-23.7	-9.79	-18.01	-20.72	-20.72
5150	360	-20.19	-25.34	-17.58	-25.79	-25.59	-18.04	-16.15	-6.6	-8.72	-6.2	-17.39	-10.72	-10.72
5500	0	-29.54	-14.84	-11.72	-16.84	-26.84	-18.03	-23.26	-15.46	-22.2	-24.27	-18.22	-16.45	-16.45
5500	15	-15.34	-13.04	-14.79	-19.75	-16.99	-18.28	-19.13	-17.59	-29.61	-23.99	-17.38	-20.08	-20.08
5500	30	-21.19	-15.26	-10.33	-28.24	-21.75	-13.97	-20.73	-19.86	-16.88	-20.83	-16.51	-15.72	-15.72
5500	45	-17.53	-15.08	-10.49	-16.34	-24.18	-11.96	-14.19	-11.78	-35.55	-16.14	-13.3	-17.43	-17.43
5500	60	-13.98	-11.59	-10.01	-11.09	-18.67	-15.47	-19.97	-14.43	-9.09	-9.1	-18.64	-15	-15
5500	75	-14.31	-16.44	-12.38	-17.77	-20.05	-15.35	-34.14	-16.19	-25.41	-14.06	-20.56	-9.67	-9.67
5500	90	-12.5	-13.27	-17.57	-22.6	-19.63	-12.87	-12.65	-20.83	-11.08	-8.53	-12.86	-7.94	-7.94
5500	105	-14.39	-31.34	-16.31	-36.16	-26.56	-17.74	-15.93	-24.34	-15.54	-19.48	-21.15	-14.76	-14.76
5500	120	-19.98	-15.73	-14.76	-17.32	-15.18	-18.24	-13.43	-11.93	-13.01	-13.42	-15.57	-19.18	-19.18
5500	135	-20.28	-14.31	-15.24	-14.33	-15.62	-8.73	-11.34	-10.27	-10.13	-43.84	-20.1	-29.34	-29.34
5500	150	-31.45	-13.4	-11.49	-32.68	-8.05	-8.98	-6.2	-9.38	-5.86	-16.63	-22.74	-18.47	-18.47
5500	165	-19.68	-12.5	-10.95	-28.7	-11.33	-12.65	-11.47	-8.69	-12.54	-17.49	-17.37	-14.07	-14.07
5500	180	-20.88	-12.63	-13.54	-16.95	-28.89	-23.57	-23.15	-17.73	-26.98	-17.84	-29.68	-16.3	-16.3
5500	195	-18.45	-11.77	-15.17	-11.3	-11.29	-13.18	-10.58	-11.69	-11.83	-13.28	-23.34	-18.03	-18.03
5500	210	-15.53	-12.57	-25.62	-18.17	-8.96	-8.16	-6.32	-3.38	-8.14	-11.13	-12.89	-14.77	-14.77
5500	225	-13.33	-15.83	-18.71	-16.22	-11.67	-5.89	-8.99	-7.21	-11.31	-22.69	-18.74	-20.15	-20.15
5500	240	-17.32	-19.16	-21.79	-14.15	-14.6	-21.55	-17.67	-23.55	-16.38	-9.09	-12.62	-14.96	-14.96
5500	255	-13.1	-20.93	-20.1	-21.27	-12.09	-15.18	-17.51	-19.86	-15.98	-17.1	-27.68	-16.8	-16.8
5500	270	-15.37	-18.59	-19.43	-15.74	-15.58	-12.71	-14.53	-22.7	-14.05	-18.89	-17.78	-16.9	-16.9
5500	285	-23.25	-20.71	-13.58	-24.53	-12.25	-14.59	-13.43	-16.79	-26.65	-39.42	-21.87	-12.58	-12.58
5500	300	-17.65	-15.19	-10.59	-14.21	-20.44	-13.54	-17.55	-10.58	-14.73	-13.9	-15.83	-18.02	-18.02
5500	315	-15.96	-15.06	-14.22	-15.03	-14.49	-15.5	-24.14	-18.08	-18.78	-14.96	-28.78	-17.65	-17.65
5500	330	-35.87	-22.09	-10.78	-16.88	-18.12	-13.88	-25.92	-9.94	-17.65	-11.02	-13.08	-30.56	-30.56
5500	345	-21.6	-13.53	-10.47	-14.56	-31.4	-16.99	-21.08	-21.36	-10.62	-25.19	-17.95	-17.05	-17.05
5500	360	-29.54	-14.84	-11.72	-16.84	-26.84	-18.03	-23.26	-15.46	-22.2	-24.27	-18.22	-16.45	-16.45
5850	0	-14.51	-14.97	-31.67	-17.05	-13.87	-17.82	-11.38	-15.25	-11.35	-15.65	-22.97	-28.37	-28.37
5850	15	-10.44	-17.94	-23.93	-15.54	-11.26	-18.73	-6.79	-13.53	-13.48	-16.81	-19.52	-18.08	-18.08
5850	30	-12.86	-23.9	-27.96	-12.19	-10.67	-17.81	-9.46	-24.86	-13.66	-20.13	-20.35	-27.52	-27.52
5850	45	-12.44	-9.09	-22.59	-18.75	-14.54	-15.84	-32.37	-13.01	-8.04	-14.56	-25.25	-20.98	-20.98
5850	60	-9.09	-10.1	-17.96	-18.25	-8.89	-10.74	-13.74	-26.26	-16.86	-16.19	-16.66	-15.7	-15.7
5850	75	-10.7	-9.63	-13.3	-19.48	-19.14	-16.48	-17.04	-15.69	-18.36	-12.49	-35.6	-13.12	-13.12
5850	90	-9.28	-12.53	-16.42	-19.99	-20.16	-16.86	-16.67	-24.42	-15.24	-26.7	-27.39	-12.57	-12.57
5850	105	-14.09	-13.28	-17.92	-21	-18.11	-17.67	-19	-24.7	-32.8	-13.65	-14.93	-9.55	-9.55
5850	120	-10.51	-14.37	-16.65	-25.81	-15.22	-13.74	-17.38	-12.77	-13.55	-15.6	-16.9	-13.66	-13.66
5850	135	-11.5	-17.8	-13.13	-19.46	-16	-11.2	-13.43	-18.73	-12.4	-17.9	-18.57	-24.09	-24.09
5850	150	-12.4	-15.13	-14.48	-23.32	-6.5	-9.51	-8.72	-7.06	-9.45	-22.93	-17.56	-25.79	-25.79
5850	165	-11.38	-13.31	-11.65	-24.27	-11.72	-20.61	-13.83	-9.51	-9.35	-13.03	-15.1	-18.18	-18.18
5850	180	-11.09	-11.77	-11.48	-16.51	-29.03	-21.16	-21.21	-29.68	-26.1	-23.69	-36.2	-19.66	-19.66
5850	195	-11.41	-13.95	-15.16	-15.86	-21.59	-19.54	-9.94	-9.05	-11.97	-14.47	-41.48	-15.01	-15.01
5850	210	-10.44	-11.16	-12.52	-14.16	-11.79	-25.43	-6.7	-4.81	-10.08	-12.39	-23.46	-21.7	-21.7
5850	225	-12.02	-15.25	-17.37	-16.95	-14.1	-11.19	-15.88	-13.68	-14.74	-20.88	-16.09	-18.57	-18.57
5850	240	-8.32	-13.45	-24.27	-24.18	-17	-31.22	-26.81	-20.28	-14.66	-12.86	-25.46	-15.24	-15.24
5850	255	-9.83	-16.43	-27.91	-15.83	-15.41	-18.28	-11.89	-16.72	-27.03	-26.8	-13.52	-19.48	-19.48
5850	270	-12.98	-22.67	-29.47	-24.18	-11.69	-9.71	-9.24	-26.4	-12.82	-9.09	-22.37	-16.45	-16.45
5850	285	-11.17	-18.26	-31.19	-13.16	-21.97	-13.52	-14.53	-13.07	-15.76	-14.93	-19.34	-23.42	-23.42
5850	300	-14.21	-17.49	-9.83	-13.22	-13.85	-16.01	-14.66	-15.95	-21.71	-16.46	-21.24	-15.57	-15.57
5850	315	-17.21	-15.6	-13.54	-12.45	-19.79	-22.8	-17.84	-27.2	-28.49	-12.58	-17.34	-25.14	-25.14
5850	330	-11.72	-13	-21.06	-13.33	-13.09	-8.91	-19.38	-10.57	-21.69	-10.18	-13.94	-17.74	-17.74
5850	345	-14.37	-14.87	-13.9	-10.85	-36.17	-14.24	-17.84	-14.35	-15.49	-17.48	-14.04	-17.18	-17.18
5850	360	-14.51	-14.97	-31.67	-17.05	-13.87	-17.82	-11.38	-15.25	-11.35	-15.65	-22.97	-28.37	-28.37

Ant. Position: 5G ANT 5 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-16.84	-9.84	-15.5	-14.05	-2.46	-6.4	0.28	-7.96	1.04	-5.13	-7.76	-8.39	-8.39
5150	15	-16.06	-10.41	-14.97	-17.07	-3.02	-3.61	-0.1	-3.11	0.8	-6.07	-16.4	-14.46	-14.46
5150	30	-12.73	-13.54	-9.1	-20.06	-4.36	-0.88	0.29	-1.86	-1.8	-4.05	-8.87	-9.64	-9.64
5150	45	-11.05	-29.77	-10.43	-23.8	-7.29	-3.04	-3.67	-1.91	-4.64	-4.04	-10.94	-18.15	-18.15
5150	60	-14.95	-12.41	-19.38	-19.23	-8.09	-2.33	-2.88	-0.11	-2.17	-5.72	-7.06	-4.63	-4.63
5150	75	-16.25	-15.97	-17.37	-8.36	-2.87	-0.31	-1.26	2.07	-2.95	-7.66	-6.4	-6.29	-6.29
5150	90	-20.1	-12	-13.87	-16.54	-4.58	-2.77	-3.27	-2.08	-4.87	-3.59	-5.5	-6.5	-6.5
5150	105	-18.55	-13.29	-9.81	-6.75	-2.94	-2.17	-3.13	-2.19	-4.58	-7.72	-10.03	-5.87	-5.87
5150	120	-20.74	-13.57	-15.94	-8.07	-5.67	-4.24	-3.66	-2.65	-4.19	-6.39	-8.39	-11.31	-11.31
5150	135	-20.35	-15.68	-19.66	-8.72	-3.35	-1.15	0.63	-5.71	-8.32	-22.62	-11.88	-13.04	-13.04
5150	150	-19.68	-18.88	-11.59	-5.86	-2.58	-0.47	-1.38	-5.43	-9.35	-15.6	-7.01	-13.23	-13.23
5150	165	-18.01	-20.21	-9.3	-4.94	-1.16	-4.34	-2.65	-7.64	-13.31	-16.24	-7.93	-14.83	-14.83
5150	180	-15.5	-17.25	-6.31	-4.82	-2.05	-1.82	0.76	-3.73	-18.92	-11.02	-10.27	-12.13	-12.13
5150	195	-13.69	-18.33	-8.35	-5.04	-4.74	-2.22	1.1	-4.42	-12.3	-14.66	-9.28	-26.67	-26.67
5150	210	-17.69	-19.4	-8.16	-10.86	-5.4	-4.49	-3.39	-7.2	-23.89	-16.81	-4.3	-13.98	-13.98
5150	225	-15.06	-43.46	-7.7	-6.92	-6.87	-3.75	-0.63	-3.3	-20.38	-4.45	-15.7	-11.4	-11.4
5150	240	-15.34	-18.66	-10.66	-4.63	-4.72	-5.23	-1.33	-4.72	-10.35	-3.73	-8.15	-5.98	-5.98
5150	255	-16.09	-16.74	-7.56	-4.42	-4.51	-6.68	-3.23	-5.29	-4.65	-2.56	-4.21	-7.03	-7.03
5150	270	-26.79	-16.65	-8.69	-6.17	-4.43	-8.39	-0.18	-0.76	-5.6	-1.81	-6.97	-8.55	-8.55
5150	285	-19.39	-21.01	-9.73	-5.31	-6.18	-7.52	-4.44	-3.04	-7.5	-1.96	-3.14	-7.6	-7.6
5150	300	-21.95	-15.37	-15.86	-5.92	-6.47	-8.45	-6.9	-1.84	-3.91	-2.83	-2.19	-6.12	-6.12
5150	315	-23.79	-21.84	-11.36	-5.92	-5.79	-5.06	-5.48	1.11	-2.91	-2.58	-5.82	-12.57	-12.57
5150	330	-18.41	-21.76	-9.68	-4.57	-6.12	-4.36	-3.28	-1.45	0.48	-1.7	-7.12	-17.54	-17.54
5150	345	-16.96	-13.76	-13.4	-7.05	-2.07	-4.43	0.3	-0.88	-2.67	-3.37	-12.38	-13.76	-13.76
5150	360	-16.84	-9.84	-15.5	-14.05	-2.46	-6.4	0.28	-7.96	1.04	-5.13	-7.76	-8.39	-8.39
5500	0	-15.46	-21.3	-5.4	-3.36	-0.73	-4.04	-5.06	-4.5	-2.87	-4.68	-7.81	-6.68	-6.68
5500	15	-23.34	-15.82	-5.19	-2.37	0.93	-0.32	-1.58	-3.67	-1.44	-6.42	-24.35	-22.33	-22.33
5500	30	-17.74	-13.12	-5.66	-5.01	-0.98	-0.11	0.95	1.41	-1.58	-5.45	-14.89	-11.8	-11.8
5500	45	-16.04	-8.53	-8.32	-4.46	-7.43	-4.57	-7.5	-4.94	-5.2	-2.91	-11	-19.1	-19.1
5500	60	-35.96	-9.45	-5.09	-4.11	-3.71	-2.4	-2.17	1	-2.4	-3.76	-11.77	-12.5	-12.5
5500	75	-21.69	-9.88	-5.27	-4.37	-6.51	-2.18	-0.61	1.66	-2.15	-4.78	-15.97	-11.53	-11.53
5500	90	-29.63	-10.28	-5.72	-7.19	-7.11	-0.82	-1.35	-0.86	-8.12	-9.69	-11.43	-12.09	-12.09
5500	105	-15.43	-9.18	-5.39	-9.13	-4.61	-4.78	-4.04	-0.91	-3.39	-6.37	-10.79	-26.37	-26.37
5500	120	-21.27	-7.03	-4.01	-9.62	-3.67	-0.71	-1.83	-1.44	-7.93	-8.95	-10.97	-14.77	-14.77
5500	135	-17.62	-8.97	-6.09	-10.9	-5.92	-5.78	-0.73	-4.64	-7.04	-10.76	-13.05	-16.42	-16.42
5500	150	-14.07	-9.24	-7.01	-16.12	-1.13	0.91	0.76	-3.24	-14.26	-13.58	-10.41	-19.57	-19.57
5500	165	-14.4	-11.34	-7.6	-24.4	-1.45	-2.82	-0.96	-3.66	-12.79	-17.42	-10.6	-27.79	-27.79
5500	180	-12.59	-11.27	-6.87	-29.22	-4.38	0.24	2.23	-0.79	-10.34	-11.49	-11.59	-30.6	-30.6
5500	195	-14.48	-17.63	-8.56	-13.46	-4.16	-0.13	1.59	-3.46	-9.06	-11.81	-10.93	-21.41	-21.41
5500	210	-20.07	-16.98	-11.14	-9.26	-0.87	-0.98	0.96	-0.91	-9.34	-14.72	-12.31	-22.45	-22.45
5500	225	-20.37	-18.03	-15.8	-4.72	-3.19	-2.98	-0.96	-2.97	-15.58	-10.65	-22.78	-17.52	-17.52
5500	240	-31.53	-31.15	-14.18	-6.88	-3.63	-1.61	-0.59	-1.73	-3.99	-13.73	-13.09	-14.35	-14.35
5500	255	-19.77	-19.05	-12.4	-5.93	-3.06	-1.81	-3.77	-2.55	-5.21	-7.56	-8.22	-15.45	-15.45
5500	270	-20.97	-18.57	-17.89	-6.6	-3.93	-1.44	-1.89	0.68	-3.15	-5.45	-9.66	-14.18	-14.18
5500	285	-18.53	-21.11	-9.75	-9.24	-5.22	-5.99	-3.37	-4.33	-9.06	-7.53	-5.69	-10.71	-10.71
5500	300	-15.62	-22.07	-11.43	-6.93	-9.6	-4.97	-6.43	-4.75	-3.6	-5.23	-6.21	-8.96	-8.96
5500	315	-13.42	-19.32	-19.53	-7.71	-9.44	-7.01	-8.38	-6.4	-3.87	-5.38	-9.81	-13.14	-13.14
5500	330	-17.41	-19.28	-12.38	-13.9	-5.55	-2.79	-0.96	-1.74	-1.89	-2.11	-9.51	-17.3	-17.3
5500	345	-13.19	-15.48	-6	-7.51	-3.93	-3.63	-2.98	-2.28	-2.71	-4	-10.89	-25.7	-25.7
5500	360	-15.46	-21.3	-5.4	-3.36	-0.73	-4.04	-5.06	-4.5	-2.87	-4.68	-7.81	-6.68	-6.68
5850	0	-12.93	-7.53	-11.51	-6.34	-1.87	2.13	0.28	1.42	-11.74	-6.89	-17.09	-15.85	-15.85
5850	15	-11.12	-8.98	-9.57	-3.79	-3.17	1.19	0.47	-1.41	-14.51	-5.5	-29.88	-17.12	-17.12
5850	30	-14.16	-5.98	-7.57	-2.97	-1.24	-1.24	-2.98	-5.42	-3.38	-5.24	-15.36	-34.31	-34.31
5850	45	-17.17	-8.64	-7.09	-5.29	-1.91	0.31	1.76	-0.09	-4.2	-9.55	-17.79	-24.72	-24.72
5850	60	-11.67	-7.81	-6.67	-10.04	-4.73	-2	-2.53	-2.91	-3.43	-5.66	-23.18	-13.5	-13.5
5850	75	-14.32	-6.78	-6.4	-7.57	-2.11	-1.46	-1.09	-0.54	-4.87	-5.45	-11.46	-12.72	-12.72
5850	90	-14.46	-5.96	-4.64	-8.27	-5.35	-4.1	-6.42	-3.17	-5.89	-9.63	-11.99	-12.92	-12.92
5850	105	-10.4	-5.83	-6.2	-10.26	-2.4	-2.35	0	-0.64	-3.66	-9.99	-13.62	-20.74	-20.74
5850	120	-12.81	-5.92	-8.17	-4.28	-2.93	-2.26	-3.3	-3.85	-11.51	-17.39	-13.71	-25.09	-25.09
5850	135	-12.39	-6.77	-6.03	-6.51	-0.96	-3.18	-3.79	-3.88	-3.74	-8.47	-23.29	-25.59	-25.59
5850	150	-9.04	-6.49	-5.78	-7.46	-1.9	-1.12	-0.49	-7.25	-15.27	-10.89	-15.05	-17.91	-17.91
5850	165	-10.65	-7.79	-8.89	-7.07	-2.14	-1.34	0.37	-4.38	-10.93	-18.67	-17.76	-14.8	-14.8
5850	180	-9.23	-8.19	-11.53	-11.25	-3.21	-1.21	0.15	-4.26	-10.51	-9.64	-15.74	-27.38	-27.38
5850	195	-14.04	-9.19	-19.37	-14.7	-3.82	-0.82	0.81	-2.77	-8.91	-12.81	-10.13	-22.85	-22.85
5850	210	-10.46	-13.19	-24.04	-5.41	-7.13	-1.53	-0.8	-3.13	-10.45	-15.03	-14.26	-18.06	-18.06
5850	225	-11.45	-13.31	-12.56	-4.76	-5.07	-3.06	-3.81	-11.08	-7.71	-9.66	-16.61	-14.01	-14.01
5850	240	-12.35	-21.42	-11.47	-5.19	-0.87	-0.3	0.75	-0.11	-4.53	-18.59	-18.14	-14.43	-14.43
5850	255	-11.34	-18.4	-12.31	-9	-3.44	-2.56	-1.19	-6.22	-9.24	-12.45	-20.26	-18.27	-18.27
5850	270	-11.04	-19.49	-12.29	-8.85	-8.17	-3.76	-2.6	-2.2	-6.19	-14.32	-12.77	-12.54	-12.54
5850	285	-11.36	-16.83	-13.96	-4.6	-7.79	-7.07	-13.55	-11.86	-13.29	-10.53	-16.04	-10.68	-10.68
5850	300	-10.39	-9.59	-15.17	-6.21	-3.54	-4.24	-2.2	-4.03	-5.14	-6.69	-15.82	-8.71	-8.71
5850	315	-11.97	-11.33	-13.63	-6.58	-1.73	0.62	1.23	-1.43	-4.93	-6.69	-13.82	-13.53	-13.53
5850	330	-8.28	-9.13	-13.11	-3.6	-1.35	-0.52	-0.65	0.38	-3.33	-5.34	-12.01	-19.16	-19.16
5850	345	-9.78	-6.72	-10.53	-6.09	-3.82	-0.08	-1.81	-1.27	-4.34	-7.92	-18.83	-23.39	-23.39
5850	360	-12.93	-7.53	-11.51	-6.34	-1.87	2.13	0.28	1.42	-11.74	-6.89	-17.09	-15.85	-15.85

Ant. Position: 5G ANT 6 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-18.64	-18.89	-13.02	-20.36	-23.35	-15.47	-18.5	-14.33	-24.11	-15.96	-12.74	-10.43	-10.43
5150	15	-17.7	-19.79	-21.56	-21.3	-20.69	-17.85	-14.85	-13.27	-12.53	-9.27	-22.59	-20.68	-20.68
5150	30	-15.3	-20.56	-24.76	-25.1	-17.91	-24.46	-8.9	-12.05	-16.01	-10.82	-6.73	-6.3	-6.3
5150	45	-17.16	-10.94	-13.7	-18.04	-16.43	-13.74	-7.61	-8.31	-12.93	-9.84	-10.94	-13.22	-13.22
5150	60	-18.8	-11.39	-10.9	-13.62	-12.5	-13.2	-12.37	-10.09	-18.85	-21.6	-21.67	-10.86	-10.86
5150	75	-20.23	-15.95	-16.56	-12.18	-14.3	-23.42	-14.46	-19.06	-16.16	-18.35	-22.25	-22.11	-22.11
5150	90	-16.86	-22.91	-19.45	-26.57	-23.2	-22.28	-14.56	-30.59	-9.96	-13.93	-13.93	-18.21	-18.21
5150	105	-14.53	-19.19	-13.68	-17.68	-15.63	-14.13	-30.76	-23.38	-16.32	-18.36	-10.93	-17.96	-17.96
5150	120	-13.78	-13.87	-13.66	-19.78	-12.69	-23.2	-16.89	-14.82	-14.63	-17.02	-12.13	-18.02	-18.02
5150	135	-15.77	-11.24	-19.87	-17.27	-20.19	-13.87	-10.21	-19.18	-21.99	-15.2	-15.34	-27.41	-27.41
5150	150	-14.92	-10.99	-11.99	-15.39	-17.22	-13.98	-16.61	-15.1	-11.81	-18.55	-17.16	-12.62	-12.62
5150	165	-19.73	-11.13	-8.81	-19.65	-19.46	-19.12	-29.44	-12.22	-11.56	-17.27	-23.72	-24.29	-24.29
5150	180	-18.43	-9.99	-12.29	-15.27	-20.96	-24.58	-17.94	-25.01	-21.15	-13.98	-31.66	-13.24	-13.24
5150	195	-21.01	-11.07	-18.66	-13.88	-24.69	-13.57	-15.19	-26.77	-20.63	-13.64	-17.86	-21.04	-21.04
5150	210	-21.71	-14.17	-27	-13.86	-12.84	-11.63	-24.9	-11.9	-9.23	-10.78	-19.49	-14.06	-14.06
5150	225	-21.65	-13.74	-17.27	-11.5	-14.19	-12.6	-30.34	-12.12	-11.28	-18.6	-19.7	-22.99	-22.99
5150	240	-20.83	-11.57	-21.41	-15.65	-31.57	-19.56	-14.19	-13.08	-19.01	-12.01	-19.32	-13.26	-13.26
5150	255	-16.7	-12.39	-22.02	-19.08	-26.25	-19.63	-23.14	-14.31	-14.01	-14.05	-17.16	-14.12	-14.12
5150	270	-13.04	-11.91	-12.82	-18.15	-28.42	-26.79	-41.74	-16.17	-30.09	-16.82	-23.82	-11.8	-11.8
5150	285	-11.19	-10.23	-9.25	-17.36	-19.96	-19.7	-38.79	-13.61	-17.8	-21.43	-21.5	-17.8	-17.8
5150	300	-11.74	-11.88	-12.56	-15.86	-13.58	-22.57	-21.18	-18.1	-12.93	-13.1	-14.75	-18.67	-18.67
5150	315	-10.63	-12.55	-11.31	-20.06	-12.01	-8.83	-19.44	-17.05	-8.5	-18.06	-16.02	-18.57	-18.57
5150	330	-12.35	-10.47	-12.77	-18.78	-14.63	-11.13	-11.59	-29.02	-16.62	-12.05	-10.99	-10.25	-10.25
5150	345	-18.02	-15.08	-12.19	-15.57	-34.47	-34.26	-19.89	-12.31	-15.01	-14.71	-17.52	-15.73	-15.73
5150	360	-18.64	-18.89	-13.02	-20.36	-23.35	-15.47	-18.5	-14.33	-24.11	-15.96	-12.74	-10.43	-10.43
5500	0	-7.7	-11.45	-18.29	-15.57	-12.94	-12.95	-17.69	-10.12	-21.77	-23.6	-21.13	-16.36	-16.36
5500	15	-7.93	-10.46	-20.94	-16.1	-24.54	-19.86	-18.53	-15.6	-17.69	-27.03	-20.71	-13.63	-13.63
5500	30	-9.29	-10.05	-15.92	-23.71	-12.34	-23.66	-20.81	-12.85	-14.72	-15.7	-15.69	-16.57	-16.57
5500	45	-10.59	-10.45	-18.73	-25.44	-22.52	-14.08	-17.08	-10.06	-11.47	-18.61	-17.24	-14.33	-14.33
5500	60	-12.44	-15.73	-20.02	-19.32	-23.28	-12.85	-16.01	-17.09	-16.06	-18.86	-16.47	-14.96	-14.96
5500	75	-18.08	-13.78	-52.39	-19.03	-20.48	-19.19	-26.71	-26.69	-20.83	-30.29	-18.07	-16.22	-16.22
5500	90	-19.92	-25.4	-18.87	-19.79	-24.74	-27.58	-25.44	-44.05	-20.16	-20.92	-15.19	-20.18	-20.18
5500	105	-18.72	-23	-20.4	-17.53	-22.95	-14.72	-30.63	-16.86	-18.93	-18.22	-20.54	-18.26	-18.26
5500	120	-15.25	-18.34	-18.12	-19.14	-28.4	-21.83	-28.21	-29.64	-14.93	-14.11	-21.21	-19.8	-19.8
5500	135	-10.77	-18.24	-18.4	-22.33	-16.1	-17.39	-12.42	-13.87	-22.95	-19.41	-17.73	-30.2	-30.2
5500	150	-9.69	-19.04	-27.37	-33.43	-18.52	-13.7	-8.98	-20.25	-12.2	-29.85	-25.26	-18.6	-18.6
5500	165	-9.93	-18.56	-19.67	-20.59	-24.54	-20.75	-17.52	-17.9	-14.72	-24.92	-27.69	-15.53	-15.53
5500	180	-8.64	-18.72	-17.57	-30.47	-23.62	-21.57	-26.79	-21.38	-24.86	-20.87	-27.51	-20.75	-20.75
5500	195	-7.9	-18.83	-26.4	-22.83	-12.36	-19.95	-26.26	-25.43	-19.29	-18.15	-24.56	-14.45	-14.45
5500	210	-10.62	-18.33	-14.57	-22.17	-14.33	-27.06	-19.59	-18.19	-13.08	-21.62	-20.84	-21.13	-21.13
5500	225	-11.23	-30.83	-14.5	-11.84	-19.06	-22.04	-14.93	-18.62	-18.17	-26.14	-19.71	-19	-19
5500	240	-14.81	-22.44	-14.59	-14.97	-17.1	-14.29	-13.13	-19.09	-16.08	-20.2	-13.87	-22.08	-22.08
5500	255	-20.83	-34.76	-19.93	-25.07	-17.55	-17.6	-24.8	-19.71	-15.57	-18.5	-19.21	-16.73	-16.73
5500	270	-22.33	-23.12	-21.59	-21.5	-20	-22.04	-27.93	-26.2	-38.93	-24.19	-21.14	-14.77	-14.77
5500	285	-18.39	-15.4	-20.41	-19.09	-28	-28.97	-15.73	-15.46	-14.29	-22.01	-24.7	-17.09	-17.09
5500	300	-15.92	-13	-13.99	-22.08	-32.64	-21.98	-16.54	-24.37	-24.65	-18.69	-14.83	-21.14	-21.14
5500	315	-13.2	-12.53	-18.7	-15.38	-17.27	-26.27	-18.69	-27.32	-11.6	-23.65	-16.18	-28.38	-28.38
5500	330	-9.27	-12.3	-23.26	-19.56	-24.14	-13.98	-16.26	-30.3	-30.02	-19.23	-20.83	-10.46	-10.46
5500	345	-10.07	-13.69	-29.01	-25.13	-13.5	-13.47	-15.4	-11.03	-20.85	-21.44	-18.82	-12.64	-12.64
5500	360	-7.7	-11.45	-18.29	-15.57	-12.94	-12.95	-17.69	-10.12	-21.77	-23.6	-21.13	-16.36	-16.36
5850	0	-13.44	-12.24	-16.56	-13.98	-12.61	-19.05	-18.35	-16.94	-18.41	-22.28	-22.33	-13.78	-13.78
5850	15	-12.31	-14.33	-22.09	-15.19	-21.66	-30.61	-14.28	-12	-11.69	-17.13	-23.82	-15.67	-15.67
5850	30	-13.49	-13.47	-14.7	-27.61	-16.99	-12.39	-15.79	-10.71	-16.63	-25.35	-20.56	-19.58	-19.58
5850	45	-16.48	-19.86	-18.24	-13.4	-16.62	-14.33	-17.71	-20.69	-25.46	-22.77	-19.38	-14.63	-14.63
5850	60	-26.07	-26.05	-12.81	-17.02	-20.38	-19.62	-22.34	-31.35	-22.77	-22.01	-15.46	-16.6	-16.6
5850	75	-20.54	-19.94	-18.07	-13.62	-18.71	-12.59	-16.13	-21.84	-32.62	-17.04	-18.72	-22.84	-22.84
5850	90	-15.12	-18.67	-36.44	-20.23	-28.49	-12.16	-14.91	-13.97	-16.26	-15.74	-13.89	-19.54	-19.54
5850	105	-17.61	-15.18	-18.73	-22.65	-25.52	-13.43	-13.23	-19.59	-14.24	-19	-14.33	-14.17	-14.17
5850	120	-14.32	-14.74	-16.6	-21.94	-17.79	-12.5	-13.03	-14.43	-12.18	-17.52	-17.74	-22.11	-22.11
5850	135	-16.53	-12.44	-14.34	-14.53	-15.82	-17.73	-17	-19.85	-25.73	-32.65	-17.13	-22.68	-22.68
5850	150	-14.26	-13.88	-13.28	-18.09	-27.56	-21.61	-15.8	-18.2	-19.9	-25.53	-22.51	-21.19	-21.19
5850	165	-16.71	-13.67	-13.33	-15.24	-24.22	-18.8	-24.21	-35.43	-18.79	-25.61	-27.3	-18.65	-18.65
5850	180	-14.38	-10.19	-15.09	-12.4	-23.05	-17.22	-23.95	-18.82	-26.53	-16.17	-20.7	-27.45	-27.45
5850	195	-11.35	-11.01	-19.54	-16.01	-21.24	-18.56	-15.92	-22.9	-18.68	-21.22	-20.84	-17.19	-17.19
5850	210	-15.23	-11.58	-22.23	-19.17	-14.57	-16.62	-15.66	-23.4	-18.33	-16.87	-28.89	-16.39	-16.39
5850	225	-22.25	-11.31	-17.77	-20.01	-18.88	-21.51	-18.77	-16.65	-14.97	-20.68	-13.98	-33.43	-33.43
5850	240	-17.49	-17.25	-28.76	-23.07	-16.57	-13.07	-13.1	-14.18	-23.14	-16.73	-21.66	-12.24	-12.24
5850	255	-30.92	-23.77	-17.26	-16.22	-15.6	-16.04	-15.35	-15.25	-21.42	-15.79	-22.78	-17.32	-17.32
5850	270	-18.37	-17.61	-16.24	-17.61	-18.07	-19.74	-14.9	-15.96	-20.52	-30.94	-18.17	-19.75	-19.75
5850	285	-24.28	-17.64	-16.99	-10.1	-19.3	-21.01	-16.13	-12.62	-15.78	-24.22	-25.86	-21.81	-21.81
5850	300	-19.15	-16.3	-15	-21.78	-14.43	-16.4	-30.11	-18.68	-18.87	-27.35	-22.72	-15.77	-15.77
5850	315	-13.88	-16.69	-31.34	-17.33	-11.46	-16.38	-12.87	-29.51	-12	-21.9	-18.27	-26.9	-26.9
5850	330	-18.19	-12.44	-22.81	-14.86	-15.53	-22.22	-14.81	-20.91	-18.51	-16.83	-14.73	-11.38	-11.38
5850	345	-10.98	-11.64	-25.39	-21.77	-23.62	-27.84	-15.52	-32.47	-21.79	-23.24	-13.24	-14.73	-14.73
5850	360	-13.44	-12.24	-16.56	-13.98	-12.61	-19.05	-18.35	-16.94	-18.41	-22.28	-22.33	-13.78	-13.78

Ant. Position: 5G ANT 6 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-13.95	-5.32	-1.36	-5.46	-2.02	-2.57	-4.55	-1.2	-8.79	-7.93	-11.87	-10.87	-10.87
5150	15	-12.11	-6.06	-1.18	-7.67	-3.48	-3.54	-8.06	-1.52	-4.08	-2.72	-15.62	-19.57	-19.57
5150	30	-12.65	-10.11	-3.09	-6.89	-4.19	-2.28	-6.2	-2.04	-3.69	-4.7	-4.29	-11.81	-11.81
5150	45	-11.54	-12.93	-6.57	-5.76	-2.16	-0.91	-4.01	-2.48	-8.2	-3.54	-5.32	-11.63	-11.63
5150	60	-13.26	-20.05	-11.18	-6.78	-1.73	-2.2	-1.62	1.58	-1.26	-4.77	-4.66	-7.64	-7.64
5150	75	-18.93	-26.21	-21.67	-14.72	-4.08	-1.46	-7.11	-2.44	-7.08	-7.57	-3.02	-9.38	-9.38
5150	90	-19.55	-21.9	-15.06	-15.79	-2.67	0.07	-8.29	-1.07	-10.43	-7.65	-3.48	-9.49	-9.49
5150	105	-18.62	-17.08	-13.69	-11	-3.46	-2.27	-4.77	0.83	-2.85	-9.02	-8.3	-10.63	-10.63
5150	120	-16.21	-10.74	-5.94	-6.29	-3.53	-2.11	-3.92	-1.84	-2.49	-12.02	-24.33	-16.46	-16.46
5150	135	-18.07	-9.6	-3.66	-2.87	-4.04	-2.42	-2.86	-4.06	-8.99	-9.66	-17.26	-20.4	-20.4
5150	150	-19.71	-9.39	-5.02	-3.44	-4.43	-1.86	-2.28	-0.46	-1.26	-4.15	-10.64	-16.01	-16.01
5150	165	-21.14	-9.07	-6.97	-6.88	-5.12	-4.6	-3.25	-0.45	-1.82	-9.29	-11.76	-10.34	-10.34
5150	180	-17.77	-7.33	-8.18	-5.82	-4.11	-3.61	-4.41	-8.91	-11.08	-7.47	-13.51	-14.42	-14.42
5150	195	-15.45	-9.16	-5.83	-4.43	-4.48	-4.24	-2.78	-2.98	-9.66	-15.88	-17.55	-19.2	-19.2
5150	210	-14.69	-8.68	-6.31	-4.61	-4.46	-1.68	-2.11	-4.15	-5.98	-9.63	-11.1	-26.92	-26.92
5150	225	-16.68	-10.55	-9.06	-7.32	-3.3	-1.94	0.61	-1.34	-4.64	-10.09	-8.21	-14.42	-14.42
5150	240	-15.83	-8.19	-11.68	-5.94	-2.15	-0.26	0.69	-4.74	-9.31	-10.34	-6.31	-10.9	-10.9
5150	255	-20.64	-9.16	-11.31	-5.94	-0.89	-1.13	-0.21	-1.58	-11.85	-11.16	-7.13	-15.81	-15.81
5150	270	-19.34	-12.78	-10.4	-8.04	-0.58	-2.87	1.28	1.07	-5.67	-8.05	-8.16	-11.72	-11.72
5150	285	-21.92	-10.48	-8.42	-10.29	-4.42	-3.32	-0.06	-2.62	-3.89	-10.99	-11.7	-13.79	-13.79
5150	300	-22.62	-12.34	-7.23	-5.68	-2.33	0.94	0.96	0.3	-5.95	-8.26	-12.09	-9.89	-9.89
5150	315	-22.56	-9.02	-7.58	-5.26	-0.57	2.07	1.4	-4.12	-5.31	-5.55	-9.13	-22.17	-22.17
5150	330	-21.74	-9.12	-6.25	-7.03	-3.26	-0.95	-1.99	-9.76	-11.28	-9.21	-11.24	-9.03	-9.03
5150	345	-17.61	-7.81	-2.75	-4.97	-1.38	-2.42	-3.98	-4.47	-11.32	-8.05	-13.25	-14.56	-14.56
5150	360	-13.95	-5.32	-1.36	-5.46	-2.02	-2.57	-4.55	-1.2	-8.79	-7.93	-11.87	-10.87	-10.87
5500	0	-22.41	-15.22	-5.86	-3.14	-4.85	-7.61	-7.96	-4.33	-8.27	-11.09	-8.67	-16.91	-16.91
5500	15	-18.48	-13.95	-7.26	-3.8	-6.78	-7.42	-15.96	-6.91	-4.56	-3	-13.54	-20.92	-20.92
5500	30	-16.01	-11.05	-12.1	-8.15	-8.35	-5.2	-4.14	-8.15	-3.08	-2.11	-5.08	-26.52	-26.52
5500	45	-13.29	-6.28	-12.82	-6.84	-4.12	-3.2	-1.54	-2.28	-8.79	-3.55	-6.07	-35.49	-35.49
5500	60	-9.35	-7	-5.72	-5.43	-2.01	-1.11	-0.89	2.22	0.41	-2.49	-7.14	-22.17	-22.17
5500	75	-10.16	-3.79	-2.89	-2.92	-3.22	0.51	-3.76	-0.28	-2.89	-8.72	-6.62	-15.07	-15.07
5500	90	-7.79	-5.75	-3.85	-2.89	-4.78	-0.98	-4.55	-2.97	-4.2	-15.68	-6.21	-11.18	-11.18
5500	105	-8.01	-6.26	-5.88	-2.82	-4.13	-4.75	-6.28	-2.57	-1.5	-7.78	-7.7	-13.05	-13.05
5500	120	-9.38	-8.64	-6.1	-3.29	-4.4	-3.8	-3.53	-1.11	-2.13	-5.67	-11.82	-14.55	-14.55
5500	135	-10.68	-11.85	-6.44	-5.56	-5.52	-2.61	-2.71	-1.44	-9.15	-17.48	-24.14	-21.61	-21.61
5500	150	-12.53	-12.32	-7.16	-5.39	-8.72	-1.64	-2.95	-2.99	-4.99	-8.81	-13.03	-18.6	-18.6
5500	165	-18.17	-16.72	-7.49	-4.47	-5.3	-5.99	-5.37	-0.09	-1.9	-9.48	-16.48	-11.77	-11.77
5500	180	-20.01	-16.04	-9.1	-4.81	-5.24	-4.19	-4.39	-4.09	-7.91	-10.46	-17.54	-25.26	-25.26
5500	195	-18.81	-14.58	-8.52	-5.1	-6.75	-5.54	-3	-5.6	-8.28	-22.9	-17.84	-16.31	-16.31
5500	210	-15.34	-12.81	-9.12	-8.84	-5.11	-0.65	1.22	-1.04	-5.72	-8.54	-14.61	-23.74	-23.74
5500	225	-10.86	-13.31	-10.47	-5.37	-6.45	-2.89	-4.35	-2.98	-4.72	-6.76	-10.1	-25.79	-25.79
5500	240	-9.77	-9.53	-11.34	-4.47	-4.63	-1.53	-0.32	-3.12	-8.1	-13.05	-11.01	-17.94	-17.94
5500	255	-10.02	-8.93	-8.01	-8.01	-3.69	-1.24	1.52	-1.13	-5.08	-16.81	-24.99	-21.99	-21.99
5500	270	-8.72	-6.6	-8.42	-13.04	-4.23	0.32	2.11	2.36	-4.13	-19.77	-17.82	-16.76	-16.76
5500	285	-7.99	-7.47	-8.59	-5.8	-5.41	-1.35	0.28	-0.56	-4.34	-16.45	-16.19	-13.17	-13.17
5500	300	-10.71	-7.45	-10.82	-6.07	-6.45	-1.47	0.58	-2.02	-5.05	-11.7	-9.15	-13.99	-13.99
5500	315	-11.32	-10.06	-10.49	-6.91	-7.31	-3.09	-2.02	-4.69	-8.02	-14.12	-10.84	-22.75	-22.75
5500	330	-14.9	-11.85	-12.39	-11.7	-6.04	-0.43	0.56	-0.26	-10.69	-14.66	-18.87	-9.54	-9.54
5500	345	-20.92	-16.73	-7.64	-7.07	-11.55	-6.26	-5.09	-5.85	-12.87	-26.93	-14.32	-14.78	-14.78
5500	360	-22.41	-15.22	-5.86	-3.14	-4.85	-7.61	-7.96	-4.33	-8.27	-11.09	-8.67	-16.91	-16.91
5850	0	-13.95	-5.32	-1.36	-5.46	-2.02	-2.57	-4.55	-1.2	-8.79	-7.93	-11.87	-10.87	-10.87
5850	15	-12.11	-6.06	-1.18	-7.67	-3.48	-3.54	-8.06	-1.52	-4.08	-2.72	-15.62	-19.57	-19.57
5850	30	-12.65	-10.11	-3.09	-6.89	-4.19	-2.28	-6.2	-2.04	-3.69	-4.7	-4.29	-11.81	-11.81
5850	45	-11.54	-12.93	-6.57	-5.76	-2.16	-0.91	-4.01	-2.48	-8.2	-3.54	-5.32	-11.63	-11.63
5850	60	-13.26	-20.05	-11.18	-6.78	-1.73	-2.2	-1.62	1.58	-1.26	-4.77	-4.66	-7.64	-7.64
5850	75	-18.93	-26.21	-21.67	-14.72	-4.08	-1.46	-7.11	-2.44	-7.08	-7.57	-3.02	-9.38	-9.38
5850	90	-19.55	-21.9	-15.06	-15.79	-2.67	0.07	-8.29	-1.07	-10.43	-7.65	-3.48	-9.49	-9.49
5850	105	-18.62	-17.08	-13.69	-11	-3.46	-2.27	-4.77	0.83	-2.85	-9.02	-8.3	-10.63	-10.63
5850	120	-16.21	-10.74	-5.94	-6.29	-3.53	-2.11	-3.92	-1.84	-2.49	-12.02	-24.33	-16.46	-16.46
5850	135	-18.07	-9.6	-3.66	-2.87	-4.04	-2.42	-2.86	-4.06	-8.99	-9.66	-17.26	-20.4	-20.4
5850	150	-19.71	-9.39	-5.02	-3.44	-4.43	-1.86	-2.28	-0.46	-1.26	-4.15	-10.64	-16.01	-16.01
5850	165	-21.14	-9.07	-6.97	-6.88	-5.12	-4.6	-3.25	-0.45	-1.82	-9.29	-11.76	-10.34	-10.34
5850	180	-17.77	-7.33	-8.18	-5.82	-4.11	-3.61	-4.41	-8.91	-11.08	-7.47	-13.51	-14.42	-14.42
5850	195	-15.45	-9.16	-5.83	-4.43	-4.48	-4.24	-2.78	-2.98	-9.66	-15.88	-17.55	-19.2	-19.2
5850	210	-14.69	-8.68	-6.31	-4.61	-4.46	-1.68	-2.11	-4.15	-5.98	-9.63	-11.1	-26.92	-26.92
5850	225	-16.68	-10.55	-9.06	-7.32	-3.3	-1.94	0.61	-1.34	-4.64	-10.09	-8.21	-14.42	-14.42
5850	240	-15.83	-8.19	-11.68	-5.94	-2.15	-0.26	0.69	-4.74	-9.31	-10.34	-6.31	-10.9	-10.9
5850	255	-20.64	-9.16	-11.31	-5.94	-0.89	-1.13	-0.21	-1.58	-11.85	-11.16	-7.13	-15.81	-15.81
5850	270	-19.34	-12.78	-10.4	-8.04	-0.58	-2.87	1.28	1.07	-5.67	-8.05	-8.16	-11.72	-11.72
5850	285	-21.92	-10.48	-8.42	-10.29	-4.42	-3.32	-0.06	-2.62	-3.89	-10.99	-11.7	-13.79	-13.79
5850	300	-22.62	-12.34	-7.23	-5.68	-2.33	0.94	0.96	0.3	-5.95	-8.26	-12.09	-9.89	-9.89
5850	315	-22.56	-9.02	-7.58	-5.26	-0.57	2.07	1.4	-4.12	-5.31	-5.55	-9.13	-22.17	-22.17
5850	330	-21.74	-9.12	-6.25	-7.03	-3.26	-0.95	-1.99	-9.76	-11.28	-9.21	-11.24	-9.03	-9.03
5850	345	-17.61	-7.81	-2.75	-4.97	-1.38	-2.42	-3.98	-4.47	-11.32	-8.05	-13.25	-14.56	-14.56
5850	360	-13.95	-5.32	-1.36	-5.46	-2.02	-2.57	-4.55	-1.2	-8.79	-7.93	-11.87	-10.87	-10.87

Ant. Position: 5G ANT 7 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-13.68	-15.95	-14.62	-35.64	-15.16	-19.31	-18.02	-12.64	-14.62	-17.84	-25.04	-16.32	-16.32
5150	15	-14.08	-12.29	-10.6	-13.84	-15.8	-13.94	-12.39	-11.12	-18.31	-19.95	-34.93	-18.43	-18.43
5150	30	-10.04	-9.04	-6.09	-10.5	-10.2	-15.81	-14.73	-10.68	-28.92	-34.96	-14.91	-15.1	-15.1
5150	45	-8.88	-6.8	-6.12	-12.41	-11.07	-11.88	-11.09	-9.98	-12.44	-21.23	-13.26	-18.04	-18.04
5150	60	-9.75	-7.03	-9.31	-15.22	-7.55	-9.88	-8.83	-11.12	-7.8	-14	-17.41	-12.74	-12.74
5150	75	-7.79	-4.5	-10.08	-10.28	-8.56	-8	-7.48	-7.01	-18.15	-31.32	-22.71	-16.15	-16.15
5150	90	-9.2	-4.94	-9.41	-13.86	-9.95	-5.75	-6.44	-9.13	-17.17	-15.93	-23.26	-15.56	-15.56
5150	105	-8.89	-6.09	-12.24	-18.82	-10.84	-7.98	-5.12	-11.75	-30.09	-12.47	-19.15	-12.64	-12.64
5150	120	-11.26	-9.59	-15.33	-13.7	-7.92	-7.45	-6.48	-16.53	-16.99	-16.03	-16.54	-16.18	-16.18
5150	135	-14.18	-12.7	-30.43	-19.54	-6.67	-10.87	-12.09	-20.45	-21.56	-13.88	-14.92	-20.7	-20.7
5150	150	-20.79	-21.06	-19.11	-24.24	-10.49	-13.3	-11.73	-19.87	-16.63	-14.35	-20.67	-22.47	-22.47
5150	165	-29.56	-19.47	-17.72	-27.55	-17.75	-20.1	-16.79	-26.89	-24.11	-20.03	-46.88	-29.58	-29.58
5150	180	-19.06	-10.21	-9.99	-19.58	-14.83	-27.94	-13.25	-18.37	-25.98	-21.92	-21.13	-12.74	-12.74
5150	195	-15.34	-8.85	-10.46	-16.15	-21.03	-21.06	-8.81	-11.46	-8.79	-16.71	-12.71	-12.65	-12.65
5150	210	-10.93	-9.23	-5.53	-9.9	-32.49	-15.81	-17.33	-7.45	-6.28	-11.14	-7.34	-15.75	-15.75
5150	225	-9.84	-8.44	-5.92	-5.87	-17.54	-10.19	-15.65	-7.69	-6.89	-3.78	-2.89	-10.07	-10.07
5150	240	-7.5	-9.64	-6.03	-6.24	-7.83	-8	-8.7	-21.62	-18.76	-4.61	-2.67	-7.98	-7.98
5150	255	-6.99	-9.29	-7.45	-8.86	-7.34	-11.36	-5.4	-12.32	-10.32	-8.39	-4.69	-8.27	-8.27
5150	270	-8.57	-9.55	-10.48	-11.71	-10.77	-13.83	-6.79	-20.85	-10.78	-7.24	-10.38	-16.88	-16.88
5150	285	-9.61	-15.24	-9.82	-13.2	-11.96	-21.21	-6.57	-20.18	-6.89	-11.26	-8.27	-20.14	-20.14
5150	300	-10.41	-12.68	-9.06	-10.85	-20.22	-17.49	-13.31	-17.93	-5.79	-14.88	-12.55	-19.08	-19.08
5150	315	-13.49	-11.06	-17.01	-18.28	-16.03	-13.14	-9.24	-19.73	-10.02	-14	-18.52	-19.57	-19.57
5150	330	-26.32	-15.42	-16.26	-14.83	-21.15	-19.69	-28.07	-11.88	-22.99	-15.56	-21.5	-14.61	-14.61
5150	345	-31.63	-35.24	-21.07	-26.13	-16.9	-19.46	-16.1	-14.25	-24.43	-26.73	-19.79	-14.83	-14.83
5150	360	-13.68	-15.95	-14.62	-35.64	-15.16	-19.31	-18.02	-12.64	-14.62	-17.84	-25.04	-16.32	-16.32
5500	0	-7.96	-8.98	-8.04	-16.38	-20.16	-13.31	-15.68	-5.83	-8.44	-6.58	-3.53	-5.06	-5.06
5500	15	-6.24	-8.86	-14.84	-22.29	-12.41	-17.08	-10.79	-5.87	-18.68	-9.07	-12.18	-8.44	-8.44
5500	30	-6.18	-10.19	-18.01	-16.39	-14.52	-16.93	-12.56	-6.37	-18.65	-13.31	-11.38	-12.74	-12.74
5500	45	-4.92	-8.19	-8.26	-20.77	-10.91	-18.65	-10.23	-6.64	-13.71	-19.42	-13.02	-20.6	-20.6
5500	60	-4.72	-6.66	-4.34	-11.08	-10.82	-5.32	-8.43	-10.64	-14.05	-23.41	-16.53	-12.67	-12.67
5500	75	-5.48	-7.37	-7.55	-12.65	-12.28	-10.05	-11.74	-9.18	-14.08	-12.99	-15.4	-23.74	-23.74
5500	90	-4.95	-6.39	-7.06	-9.91	-14.13	-11.79	-5.91	-7.54	-15.2	-12.11	-12.97	-13.24	-13.24
5500	105	-5.68	-7.43	-6.27	-15.86	-13.2	-4.74	-6.42	-9.17	-17.33	-16.4	-18.6	-14.59	-14.59
5500	120	-7.14	-8.68	-8.45	-15.49	-9.8	-6.45	-9.31	-17.25	-13.34	-8.86	-26.32	-20.38	-20.38
5500	135	-7.93	-10.31	-17.8	-16.74	-10.49	-8.03	-10.61	-22.17	-20	-21.32	-22.42	-24.32	-24.32
5500	150	-9.72	-12.72	-35.98	-18.5	-11.6	-8.28	-8.18	-18.71	-14.23	-14.05	-17.98	-15.95	-15.95
5500	165	-9.82	-14.14	-19.16	-30.31	-11.72	-17.02	-13.19	-26.62	-17.09	-19.87	-31.39	-21.27	-21.27
5500	180	-8.99	-13.85	-12.55	-15.35	-11.03	-13.74	-14.89	-19.57	-20.54	-25.38	-22.71	-17.47	-17.47
5500	195	-6.68	-10.89	-12.44	-14.76	-12.53	-16.88	-13.56	-13.09	-11.77	-13.46	-21.83	-17.31	-17.31
5500	210	-8.22	-9.75	-12.28	-9.66	-9.85	-13.08	-29.29	-19.53	-9.42	-6.45	-15.37	-21.64	-21.64
5500	225	-7.69	-9.5	-8.87	-9.05	-12.03	-8.15	-13.9	-8.95	-6.53	-10.02	-7.17	-14.27	-14.27
5500	240	-5.7	-7.69	-8.4	-12.68	-9.91	-8.06	-8.58	-9	-8.24	-15.01	-9.72	-6.68	-6.68
5500	255	-5.06	-9.36	-8.36	-14.06	-8.88	-13.58	-8.18	-7.69	-2.72	-18.45	-12.22	-9.28	-9.28
5500	270	-7.02	-6.46	-5.02	-11.37	-5.82	-24.72	-8.44	-9.13	-6.41	-12.45	-11.44	-16.09	-16.09
5500	285	-9.62	-6.9	-11.36	-9.92	-7.41	-20.22	-5.52	-8.29	-9.17	-16.08	-13.12	-14.56	-14.56
5500	300	-8.03	-5.67	-8.01	-11.9	-16.16	-17.13	-7.25	-7.31	-10.86	-13.37	-29.43	-13.04	-13.04
5500	315	-9.74	-7.57	-10.18	-14.53	-19.97	-10.25	-15.05	-10.2	-19.85	-11.11	-12.73	-15.46	-15.46
5500	330	-8.88	-10.35	-9.07	-17.22	-9.69	-9.93	-13.18	-16.35	-14.95	-7.55	-5.23	-3.12	-3.12
5500	345	-6.84	-9.87	-6.41	-13.56	-11.37	-22.83	-12.67	-10.26	-10.24	-7.52	-2.78	-7.36	-7.36
5500	360	-7.96	-8.98	-8.04	-16.38	-20.16	-13.31	-15.68	-5.83	-8.44	-6.58	-3.53	-5.06	-5.06
5850	0	-15.13	-9.71	-15.95	-15.1	-8.15	-15.29	-9.86	-11.29	-10.65	-8.43	-11.51	-17.85	-17.85
5850	15	-8.16	-13.3	-13.34	-32.36	-14.62	-20.55	-10.18	-18.32	-12.82	-11.05	-15.31	-14.63	-14.63
5850	30	-8.35	-7.25	-7.52	-16.63	-10.83	-11.36	-11.99	-25.96	-11.83	-15.38	-22.1	-12.15	-12.15
5850	45	-6.72	-8.54	-7.7	-10.55	-10.13	-9.75	-19.8	-14.94	-14.87	-13.66	-25.39	-16.37	-16.37
5850	60	-5.37	-7.73	-7.64	-13.72	-16.55	-10.13	-9	-10.14	-16.38	-15.18	-31.04	-16.85	-16.85
5850	75	-5.52	-6.25	-6.28	-11	-9.77	-9.43	-14.65	-15.66	-12.86	-24.72	-17.85	-11.51	-11.51
5850	90	-7.53	-7.34	-6.43	-12.4	-9.03	-10.32	-7.05	-9.47	-21.94	-15.97	-24.48	-15.01	-15.01
5850	105	-5.16	-9.98	-5.63	-11.36	-10.1	-7.84	-7.13	-16.43	-22.59	-26.29	-17.04	-21.88	-21.88
5850	120	-12.58	-12.18	-5.41	-12.94	-15.79	-9.67	-9.02	-24.62	-17.15	-22.69	-30.76	-16.8	-16.8
5850	135	-10.49	-14.19	-8.92	-14.45	-11.58	-5.97	-7.77	-10.82	-20.99	-25.43	-17.09	-27.24	-27.24
5850	150	-14.54	-23.66	-9.62	-18.28	-10.3	-8.81	-8.83	-14.05	-20.45	-23.63	-16.33	-18.76	-18.76
5850	165	-24.24	-12.94	-15.04	-17.05	-13.98	-18.59	-16.07	-16.44	-22.39	-24.29	-19.87	-13.68	-13.68
5850	180	-12.54	-9.7	-12.82	-13.94	-19.48	-12.94	-15.15	-11.2	-15.26	-25.13	-24.89	-13.74	-13.74
5850	195	-10.62	-11.56	-11.9	-12.5	-36.76	-11.39	-17.78	-9.54	-13.04	-16.88	-25.23	-8.18	-8.18
5850	210	-10.78	-9.75	-13.02	-12.81	-9.24	-10.56	-14.41	-8.97	-6.67	-18.55	-17.71	-11.12	-11.12
5850	225	-5.99	-6.8	-12.01	-17.04	-12.73	-11.51	-10.66	-13.06	-19.3	-29.47	-8.12	-10.89	-10.89
5850	240	-5.34	-6.59	-12.28	-10.35	-9.3	-10.84	-10.9	-10.55	-22.11	-15.6	-11.74	-8.41	-8.41
5850	255	-8.16	-7.81	-10.75	-11.77	-9.22	-15.14	-11.25	-12.92	-18.77	-12.92	-21.88	-18.64	-18.64
5850	270	-7.98	-6.45	-6.84	-9.46	-11.38	-13.04	-7.29	-16.77	-11.09	-21.56	-33.31	-11.35	-11.35
5850	285	-9.6	-9.09	-10.31	-9.02	-15.87	-9.5	-11.41	-16.33	-14.53	-14.82	-31.41	-14.14	-14.14
5850	300	-10.92	-7.47	-11.85	-10.52	-13.73	-15.24	-13.07	-20.08	-21.15	-11.14	-23.74	-14.7	-14.7
5850	315	-17.74	-13.56	-9.53	-12.6	-16.82	-12.23	-17.76	-21.46	-12.85	-21.37	-15.41	-29.65	-29.65
5850	330	-24.76	-11.91	-11.33	-16.43	-12.32	-14.4	-16.17	-18.29	-7.21	-17.52	-14.61	-17.73	-17.73
5850	345	-25.33	-9.94	-12.9	-12.02	-8.72	-23.12	-10.8	-12.97	-20.4	-13.19	-12.25	-23.61	-23.61
5850	360	-15.13	-9.71	-15.95	-15.1	-8.15	-15.29	-9.86	-11.29	-10.65	-8.43	-11.51	-17.85	-17.85

Ant. Position: 5G ANT 7 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-8.48	-0.97	-0.26	-0.97	0.46	-2.13	-2.26	-10.5	-15.36	-14.66	-28.35	-13.15	-13.15
5150	15	-9.52	-2.29	-1.4	-1.69	-1.25	-2.44	-3.18	-10.18	-11.47	-13.84	-22.22	-16.98	-16.98
5150	30	-10.32	-2.03	-3.67	-2.25	-1.48	-1.19	-3.83	-3.4	-6.47	-9.02	-10.84	-17.38	-17.38
5150	45	-13.4	-5.25	-10.73	-0.55	-1.07	1.49	1.3	-1.15	-6.48	-7.2	-11.11	-17.74	-17.74
5150	60	-26.23	-5.78	-12.32	-2.11	-1.43	1.04	0.12	-3.25	-10.07	-9.12	-6.92	-13.4	-13.4
5150	75	-31.54	-10.39	-14.77	-3.26	-2.22	1.35	1.81	0.34	-4.97	-4.76	-7.81	-12.4	-12.4
5150	90	-13.59	-16.32	-20.67	-5.25	-2.98	1.49	2.37	-0.49	-3.69	-4.22	-5.69	-13.08	-13.08
5150	105	-13.99	-14.15	-11.66	-4.36	-1.92	-0.68	0.58	-0.33	-5.11	-7.91	-8.45	-15.51	-15.51
5150	120	-9.96	-8.97	-7.48	-2.67	-1.07	0.43	-0.68	-1.97	-6.04	-11.52	-8.01	-16.96	-16.96
5150	135	-8.8	-9.8	-6.73	-2	-1.64	-0.54	-0.15	-2.37	-4.77	-13.21	-13.39	-28.17	-28.17
5150	150	-9.67	-9.31	-8.08	-1.24	-3.51	-1.95	-3.49	-2.79	-3.75	-10.23	-14.11	-18.7	-18.7
5150	165	-7.7	-11.33	-12.11	-2.97	-2.44	-4.03	-2.71	-7.59	-12.74	-17.36	-24.17	-19.9	-19.9
5150	180	-9.11	-20.13	-9.13	-2.75	-3.68	-5.32	-6.95	-7.34	-8.93	-19.29	-20.97	-10.88	-10.88
5150	195	-8.8	-22.53	-5.12	-4.37	-3.59	-2.64	-2.72	-5.32	-6.77	-9.14	-6.08	-8.07	-8.07
5150	210	-11.17	-12.65	-4.75	-8.24	-8.01	-1.07	-0.12	0.78	-2.24	-6.49	-1.98	-13.6	-13.6
5150	225	-14.09	-11.45	-4.72	-3.28	-8.2	-5.22	-7.57	-2.47	-3.75	-2.38	-0.39	-9.09	-9.09
5150	240	-20.71	-7.7	-3.04	0.01	-0.23	-1.1	-3.07	1.49	-0.35	-0.28	0.37	-12.28	-12.28
5150	255	-29.47	-6.94	-3.48	-0.12	0.56	0.1	-0.88	0.7	-1.66	0.85	-2.35	-14.26	-14.26
5150	270	-18.97	-6.66	-3.97	-4.05	0.33	0.73	0.67	-0.73	-5.91	0.5	-6.05	-11.95	-11.95
5150	285	-15.25	-7.39	-2.09	-2.77	0.26	-1.49	-0.17	-1.91	-5.22	-0.4	-5.92	-11.97	-11.97
5150	300	-10.84	-5.98	-1.16	-0.05	-0.23	-0.53	-0.4	-3.37	-5.5	-1.26	-5.87	-19.52	-19.52
5150	315	-9.75	-5.07	-0.45	-1.82	-0.38	-0.84	-2.64	-17.08	-9.45	-3.71	-8.71	-23.18	-23.18
5150	330	-7.41	-2.68	-0.78	-1.94	-2.35	-2.18	-3.19	-9.46	-10.83	-4.78	-11.45	-15.61	-15.61
5150	345	-6.9	-2.45	0.1	-1.74	0.48	-4.78	-8.18	-14.17	-12.14	-7.45	-13.84	-28.09	-28.09
5150	360	-8.48	-0.97	-0.26	-0.97	0.46	-2.13	-2.26	-10.5	-15.36	-14.66	-28.35	-13.15	-13.15
5500	0	-7.11	-0.58	-0.98	-3.4	-2.2	-12.89	-12.67	-10.8	-9.86	-7.65	-6.89	-17.41	-17.41
5500	15	-9.71	-0.79	-0.84	-6.09	-1.58	-4.67	-1.98	-10.77	-13.83	-6.25	-21.96	-13.08	-13.08
5500	30	-8.12	-0.71	0.15	-4.14	-0.92	-2.87	0.08	-6.37	-0.64	-4.83	-9.62	-6.92	-6.92
5500	45	-9.83	-0.35	0.25	-1.18	-3.44	-0.34	-2.17	-1.86	-3.53	-25.46	-3.84	-15	-15
5500	60	-8.97	-2.52	-0.17	-3.14	-3.92	-0.87	-3.11	-5.21	-24.75	-7.9	-4.48	-19.11	-19.11
5500	75	-6.93	-2.6	-1.85	-3.96	-5.69	-1.17	1.03	-2.19	-7.1	-6.08	-11.27	-11.36	-11.36
5500	90	-8.05	-5.54	-4.84	-2.4	-5.91	1.26	2.38	0.63	-1.41	-5.67	-20.43	-16.9	-16.9
5500	105	-6.33	-9.3	-6.73	-3.67	-2.82	0	-0.07	-1.19	-3.96	-12.33	-14.91	-21.53	-21.53
5500	120	-6.26	-11.42	-18.71	-3.22	-1.93	0.06	-0.67	-3.9	-9.57	-11.44	-10.75	-24.27	-24.27
5500	135	-5.01	-19.72	-17.47	-3.21	-4.17	-2.54	-2.18	-1.95	-5.64	-7.76	-9.05	-22.17	-22.17
5500	150	-4.8	-28.67	-17.37	-6.27	-2.62	-1.68	-0.79	-0.73	-3.66	-8.35	-10.38	-13.09	-13.09
5500	165	-5.57	-13.47	-18.59	-6.14	-5.5	-3.9	-7.33	-6.98	-14.18	-14.56	-12.63	-10.54	-10.54
5500	180	-5.04	-11.74	-12.91	-4.39	-5.13	-2.83	-8.56	-3.34	-12.42	-14.48	-20.41	-18.76	-18.76
5500	195	-5.77	-11.23	-7.91	-4.41	-2.56	-0.17	-4.19	-1.38	-9.93	-9.86	-9.41	-19.2	-19.2
5500	210	-7.23	-7.58	-5.18	-6.19	-14.61	-5.57	-4.18	-3.25	-5.78	-3.13	-7.92	-19.56	-19.56
5500	225	-8.02	-6.65	-3.23	-3.41	-4.21	-3.71	-3.44	-2.97	-3.14	-3.03	-8.31	-12.45	-12.45
5500	240	-9.81	-4.92	-2.28	-1.23	-1.49	-1.34	-0.86	1.04	-4.43	-1.75	-7.65	-20.52	-20.52
5500	255	-9.91	-3.76	-2.38	-1.66	-2.68	-1.3	-3.53	0.35	-11.46	-5.27	-12.73	-30.06	-30.06
5500	270	-9.08	-1.91	-3.17	-3.77	-2.28	-0.41	-2.92	1.69	-12.18	-4.19	-9.02	-25.28	-25.28
5500	285	-6.76	-1.71	-2.57	-3.57	-1.67	-2.11	-1.91	-4.25	-5.47	-2.1	-5.93	-26.52	-26.52
5500	300	-8.31	-1.59	-1.32	-7.33	-1.62	-4.38	-1.74	-11.47	-4.96	-0.68	-5.69	-28.56	-28.56
5500	315	-7.78	-0.08	-1.4	-8.67	-1.68	-7.52	-0.65	-10.93	-10.02	-4.39	-9.73	-20.63	-20.63
5500	330	-5.79	0.09	-0.15	-5.01	-0.54	-12.8	-0.67	-7.92	-20.31	-7.89	-12.22	-14.79	-14.79
5500	345	-5.15	-0.75	-1.58	-3.11	1	-7.15	-1.05	-5.45	-21.06	-10.28	-12.62	-15.57	-15.57
5500	360	-7.11	-0.58	-0.98	-3.4	-2.2	-12.89	-12.67	-10.8	-9.86	-7.65	-6.89	-17.41	-17.41
5850	0	-7.92	-2.06	-2.45	-0.57	-0.65	-2.83	-13.42	-6.24	-10.34	-22.05	-15.81	-16.08	-16.08
5850	15	-9.55	-1.43	-0.66	-1.33	-3.03	-9.95	-12.12	-5	-9.92	-16.08	-24.56	-16.86	-16.86
5850	30	-10.87	-2.03	-0.97	-4.34	-1.58	-4.91	-4.75	-7.29	-21.52	-12.55	-15.43	-21.95	-21.95
5850	45	-17.69	-2.22	-1.38	-2.22	-1.54	-1.55	-1.74	-8.31	-13.57	-8.18	-15.57	-24.04	-24.04
5850	60	-24.71	-4.67	-0.08	-1.3	0.08	-1.04	-1.29	-3.77	-7.21	-12.91	-13.02	-18.23	-18.23
5850	75	-25.29	-7.41	-1.29	-2.93	-2.35	-1.04	-0.09	-2.33	-10.18	-20.11	-16.87	-13.87	-13.87
5850	90	-15.08	-13.15	-2.39	-3.64	-4.6	-2.31	-0.15	-3.08	-13.77	-10.85	-17.68	-13.53	-13.53
5850	105	-8.11	-18.38	-3.42	-6	-5.27	-2.32	-1.47	-1.86	-5.11	-11.02	-14.23	-21.45	-21.45
5850	120	-8.3	-17.84	-8.11	-5.81	-2.14	-0.1	-1.24	-5.27	-6.46	-9.95	-16.06	-19.53	-19.53
5850	135	-6.68	-15.39	-12.77	-8.26	-1	0.63	0.78	-1.34	-6.3	-10.14	-10.64	-22.55	-22.55
5850	150	-5.32	-20.32	-7.11	-7.66	-2.39	-1.61	-0.26	-4.14	-5.23	-13.58	-14.44	-20.36	-20.36
5850	165	-5.47	-22.74	-4.76	-2.57	-5.31	0.4	-1.08	-2.57	-12.88	-17.32	-21.23	-12.21	-12.21
5850	180	-7.48	-14.87	-4.55	-3.34	-2.68	-0.43	-0.34	-0.79	-2.18	-19.51	-22.37	-11.43	-11.43
5850	195	-5.11	-18.28	-3.49	-7.47	-3.13	-0.57	-1.12	-1.99	-7.56	-16.28	-13.89	-10.7	-10.7
5850	210	-12.53	-12.62	-5.22	-2.41	-6.28	-2.51	-1.76	-3.67	-3.45	-9.19	-14.79	-20.79	-20.79
5850	225	-10.45	-16.47	-3.61	-1.15	-6.77	-3.52	-3.76	-15.18	-4.64	-6.26	-8.02	-11.11	-11.11
5850	240	-14.49	-9.76	-3.36	-3.84	-6.26	-5.11	-2.71	-5.55	-14	-12.3	-15.05	-8.59	-8.59
5850	255	-24.19	-5.76	-1.23	-1.43	0.37	-0.13	1.09	1.18	-7.89	-7.76	-12.95	-16.21	-16.21
5850	270	-12.49	-2.76	-0.77	-0.75	-0.33	0.02	0.79	2.28	-5.05	-5.76	-15.82	-25.36	-25.36
5850	285	-10.58	-2.24	0.65	-3.86	-2.29	-1.04	-2.81	-5.99	-12.22	-14.02	-14.05	-14.69	-14.69
5850	300	-10.73	0.38	-0.71	-4.92	-3.17	-3.87	-4.26	-7.33	-20.29	-5.31	-7.03	-10.86	-10.86
5850	315	-5.94	-0.3	-2.18	-3.47	0.48	-7.78	-7.5	-8.54	-16.67	-7.77	-9.51	-10.2	-10.2
5850	330	-5.29	-0.42	-3.17	-3.04	-0.58	-2.44	-10.2	-5.82	-16.66	-16.49	-15.58	-14.86	-14.86
5850	345	-8.14	-0.79	-2.27	-2.74	-1.57	-3.42	-12.84	-5	-17.77	-16.46	-20.14	-20.1	-20.1
5850	360	-7.92	-2.06	-2.45	-0.57	-0.65	-2.83	-13.42	-6.24	-10.34	-22.05	-15.81	-16.08	-16.08

Ant. Position: 5G ANT 8 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-6.5	-7.76	-7.87	-13.17	-13.65	-6.57	-2.55	-7.56	-16.94	-5.95	-14.67	-5.43	-5.43
5150	15	-7.98	-8.82	-9.91	-10.75	-5.94	-21.75	-2.16	-1.66	-6.75	-12.9	-14.32	-19.66	-19.66
5150	30	-11.69	-10.09	-12.97	-11.29	-2.13	-2.81	-15.53	-6.5	-4.87	-19.17	-12.5	-9.78	-9.78
5150	45	-10.98	-10.16	-16.25	-10.61	-6.25	-3.73	-8.2	-12.84	-14.61	-14.06	-15.19	-17.52	-17.52
5150	60	-23.99	-12.05	-11.21	-14.77	-6.71	-10.38	-13.78	-23.32	-13.46	-8.45	-22.44	-10.65	-10.65
5150	75	-28.47	-18.98	-9.22	-10.77	-13.46	-12.9	-13.57	-22.7	-31.61	-29.34	-13.76	-14.56	-14.56
5150	90	-17.42	-16.62	-10.34	-9.94	-6.78	-17.03	-20.16	-21.31	-9.67	-17.75	-13.7	-15.57	-15.57
5150	105	-10.05	-11.26	-10.24	-17.67	-9.92	-19.69	-11.3	-26.97	-22.37	-15.02	-8.65	-12.4	-12.4
5150	120	-7.83	-10.91	-13.09	-9.16	-9.56	-13.67	-8.69	-14.24	-15.85	-13.79	-10.58	-19.27	-19.27
5150	135	-6.22	-15.54	-9.44	-7.29	-10	-13.83	-6.98	-13.42	-21.73	-12.62	-10.01	-12.67	-12.67
5150	150	-7.42	-16.58	-7.48	-14.06	-5.6	-10.23	-10.39	-17.15	-18.03	-8.92	-7.58	-7.91	-7.91
5150	165	-6.02	-11.93	-7.5	-9.48	-5.79	-11.23	-10.23	-10.92	-26.64	-10.78	-10.98	-8.9	-8.9
5150	180	-7.54	-8.67	-8.37	-9.41	-7.15	-8.01	-15.56	-5.58	-14.8	-4.16	-23.67	-12.44	-12.44
5150	195	-8.05	-8.63	-12.11	-10.42	-8.79	-8.81	-12.14	-6.02	-21.61	-5.59	-14.37	-6.04	-6.04
5150	210	-13.26	-11.81	-14.33	-14.8	-10.74	-11.61	-8.04	-10.77	-20.72	-9.75	-7.29	-12.71	-12.71
5150	225	-16.01	-12.58	-12.45	-9.41	-10.48	-14.34	-14.77	-20.19	-26.34	-9.05	-6.02	-8.53	-8.53
5150	240	-27.12	-12.15	-18.03	-12.42	-15.91	-18.88	-14.48	-13.32	-13.58	-7.59	-10.49	-5.76	-5.76
5150	255	-27.15	-16.96	-14.13	-10.2	-8.31	-17.63	-12.31	-12.63	-16.81	-14.1	-7.12	-9.94	-9.94
5150	270	-17.49	-16.74	-9.28	-9.07	-13.25	-18.63	-7.14	-6.18	-10.82	-11.43	-10.04	-7.85	-7.85
5150	285	-8.96	-13.79	-16.9	-10.79	-8.32	-8.16	-3.66	-3.91	-4.95	-4.56	-8.98	-6.99	-6.99
5150	300	-8.73	-9.88	-6.39	-7.04	-16.13	-13.22	-4.9	-4.28	-11.47	-15.97	-8.13	-9.65	-9.65
5150	315	-6.55	-11.91	-7.01	-5.32	-5.72	-5.46	-1.21	-4.93	-5.27	-5.29	-11.73	-17.18	-17.18
5150	330	-7.18	-11.14	-10.13	-3.85	-15.08	-6.68	-10.1	-10.34	-10.29	-13.88	-21.77	-12.17	-12.17
5150	345	-6.4	-9.28	-9.1	-6.86	-8.37	-5.95	-9.2	-6.3	-4.93	-11.84	-12.83	-12.83	-12.83
5150	360	-6.5	-7.76	-7.87	-13.17	-13.65	-6.57	-2.55	-7.56	-16.94	-5.95	-14.67	-5.43	-5.43
5500	0	-6.64	-11.58	-5.78	-7.2	-9.62	-8.14	-1.3	-4.01	-23.78	-14.83	-15.09	-11.81	-11.81
5500	15	-8.32	-11.55	-8.82	-10.33	-7.26	-13.08	-4.1	-3.29	-9.59	-19.32	-23.5	-18	-18
5500	30	-7.62	-11.97	-9.43	-7.56	-5.77	-4.62	-27.71	-10.43	-13.27	-25.69	-18.91	-14.32	-14.32
5500	45	-9.79	-13.22	-12.63	-15.87	-11.01	-6.54	-6.99	-16	-15.94	-24.24	-18.64	-14.13	-14.13
5500	60	-12.51	-14.91	-17.14	-14.82	-8.82	-10.53	-10.55	-13.98	-16.93	-21.24	-19.79	-13.06	-13.06
5500	75	-17.46	-15.57	-19.02	-18.77	-20.33	-15.82	-16.88	-17.38	-21.74	-30.18	-17.79	-20.98	-20.98
5500	90	-25.78	-26.92	-22.55	-25.59	-11.21	-12.77	-15.08	-16.89	-25.76	-19.11	-24.08	-22.19	-22.19
5500	105	-17.06	-24.03	-13.5	-12.38	-12.56	-14.7	-11.58	-33.92	-16.94	-19.5	-16.03	-22.36	-22.36
5500	120	-16.68	-16.67	-11.78	-11.56	-13.43	-19.7	-16.48	-15.23	-29.07	-30.55	-25.28	-31.28	-31.28
5500	135	-12.26	-15.68	-13.38	-10.83	-10.48	-19.44	-10.97	-17.57	-23.5	-22.18	-24.69	-16.64	-16.64
5500	150	-8.27	-10.12	-16.53	-6.21	-10.41	-13.24	-13.1	-9.7	-13.13	-21.27	-17.79	-7.88	-7.88
5500	165	-9.14	-10.48	-14.42	-5.97	-12.55	-10.5	-10.82	-9.78	-11.65	-24.22	-20.99	-16.65	-16.65
5500	180	-7.55	-10.94	-13.57	-8.07	-17.18	-7.89	-8.86	-14.11	-17.97	-14.69	-22.92	-21.03	-21.03
5500	195	-7.32	-7.74	-14.37	-8.94	-6.49	-7.89	-16.66	-17.98	-13.61	-17.76	-16.57	-8.31	-8.31
5500	210	-7.7	-10.03	-14.5	-13.22	-9.15	-12.08	-16.13	-12.48	-9.95	-14.41	-8.78	-15.56	-15.56
5500	225	-10.39	-8.78	-9.58	-19.72	-9.99	-14.07	-21.84	-17.7	-29.64	-13.49	-10.45	-18.31	-18.31
5500	240	-11.4	-13.26	-22.24	-21.37	-8.5	-17.84	-17.34	-32.19	-21.65	-16.73	-21.55	-10.44	-10.44
5500	255	-18.74	-25.98	-14.3	-9.16	-20.29	-15.74	-15.17	-19.88	-22.08	-13.78	-15.23	-11.45	-11.45
5500	270	-16.54	-21.25	-44.52	-18.3	-14.2	-26.57	-10.56	-16.05	-11.45	-16.22	-18.36	-19.66	-19.66
5500	285	-16.23	-13.61	-16.16	-22.12	-11.21	-14	-9.09	-10.93	-14.87	-14.19	-18.08	-27.31	-27.31
5500	300	-15.77	-10.3	-19.41	-11.01	-17.96	-12.07	-18.03	-12.17	-9.02	-15.92	-17.13	-22.36	-22.36
5500	315	-10.54	-9.5	-10.73	-21.61	-8.88	-13.21	-4.67	-10.38	-9.85	-4.85	-21.61	-31.56	-31.56
5500	330	-10.43	-12.51	-6.45	-10.17	-11.69	-7.02	-7.16	-14.64	-14.12	-11.67	-16.13	-11.65	-11.65
5500	345	-8.43	-17.89	-6.27	-8.33	-17.74	-6.74	-8.59	-11.08	-9.54	-27.43	-15.89	-10.83	-10.83
5500	360	-6.64	-11.58	-5.78	-7.2	-9.62	-8.14	-1.3	-4.01	-23.78	-14.83	-15.09	-11.81	-11.81
5850	0	-9.86	-8.14	-6.12	-9.3	-16.55	-6.26	-2.74	-4.01	-9.97	-12.7	-15.8	-22.46	-22.46
5850	15	-7.69	-7.8	-5.56	-9.27	-8.16	-10.37	-5.51	-4.08	-12.98	-11.17	-24.02	-22.19	-22.19
5850	30	-9.17	-7.32	-5.54	-9.08	-10.58	-6.21	-13.95	-13.63	-15.85	-24.79	-15.09	-19.62	-19.62
5850	45	-5.1	-8.83	-6.7	-6.19	-8.86	-8.4	-6.45	-12.14	-14.26	-13.99	-16.53	-28.89	-28.89
5850	60	-10	-8.88	-7.4	-7.28	-7.64	-10.04	-20.78	-21.22	-11.69	-20.89	-26.64	-23.52	-23.52
5850	75	-13.9	-17.6	-12.37	-12.55	-18.92	-12.22	-9.78	-25.33	-14.84	-29.76	-13.56	-18.86	-18.86
5850	90	-13.95	-16.09	-13.55	-10.9	-13.94	-7.32	-14.31	-11.85	-18.86	-22.44	-14.52	-17.67	-17.67
5850	105	-14.93	-22.09	-15.96	-13.47	-14.73	-18.06	-13.22	-27.89	-24.23	-15.25	-15.36	-16.91	-16.91
5850	120	-24.6	-11.77	-13.48	-10.6	-10.63	-26.03	-18.52	-16.01	-19.48	-22.36	-24.81	-20.93	-20.93
5850	135	-12.87	-10.29	-24.75	-9.01	-18.28	-13.66	-17.7	-15.59	-23.33	-17.94	-16.12	-26.16	-26.16
5850	150	-17.41	-13.9	-7.44	-8.94	-13.04	-15.04	-12.77	-13.36	-17.66	-18.85	-21.65	-23.17	-23.17
5850	165	-12.27	-10.86	-4.75	-10.27	-10.19	-12.57	-6.97	-11.45	-10.95	-12.68	-28.36	-16.83	-16.83
5850	180	-10.28	-10.34	-6.11	-9.79	-10.73	-8.53	-7.81	-14.8	-12.69	-18.57	-20.05	-21.49	-21.49
5850	195	-8.44	-11.83	-5.77	-7.72	-11.79	-6.56	-16.06	-14.21	-17.52	-18.92	-21.13	-13.16	-13.16
5850	210	-9.24	-10.35	-10.89	-10.69	-11.1	-10.94	-15.86	-17.25	-11.5	-22.51	-22.16	-25.54	-25.54
5850	225	-7.73	-8.71	-14.12	-14.45	-11.45	-27.95	-19.49	-20	-14.38	-22.04	-18.8	-20.91	-20.91
5850	240	-11.14	-8.05	-11.79	-14.7	-12.53	-15.01	-19.16	-12.93	-24.21	-14.84	-19.33	-17.33	-17.33
5850	255	-10.61	-10.37	-13.44	-26.11	-15.44	-15.08	-14.37	-16.95	-15.64	-17.89	-17.01	-16.28	-16.28
5850	270	-12.6	-7.98	-13.5	-11.68	-11.92	-16.38	-15.71	-16.79	-24.92	-18.9	-28.18	-19.59	-19.59
5850	285	-21.81	-13.87	-12.3	-9.52	-16.41	-14.6	-17.59	-17.26	-25.67	-22.51	-20.68	-32.33	-32.33
5850	300	-14.28	-14.14	-10.27	-9.72	-18.72	-12.35	-9.5	-16.67	-17.59	-13.61	-21.36	-18.5	-18.5
5850	315	-14.34	-10.54	-10.76	-12.31	-9.39	-15.88	-6.41	-9.6	-13.97	-23.15	-17.23	-15.89	-15.89
5850	330	-13.11	-6.35	-8.87	-15.45	-9.89	-11.99	-12.7	-14.28	-9.57	-9.9	-12.85	-14.31	-14.31
5850	345	-7.09	-10.05	-6.95	-9.2	-20.65	-8.77	-10.66	-5.05	-11.68	-15.76	-36.74	-11.02	-11.02
5850	360	-9.86	-8.14	-6.12	-9.3	-16.55	-6.26	-2.74	-4.01	-9.97	-12.7	-15.8	-22.46	-22.46

Ant. Position: 5G ANT 8 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5150	0	-17.4	-21.9	-6.09	-9.08	-3.32	1.05	2.77	-4.16	-8.65	-8.22	-10.08	-12.97	-12.97
5150	15	-8.87	-21.25	-7.84	-7.12	-1.24	-0.8	0.48	-3.15	-9.83	-10.03	-12.52	-20.93	-20.93
5150	30	-8.64	-15.89	-8.7	-6.25	-1.1	-0.58	0.45	-4.84	-7.83	-3.68	-13.3	-3.9	-3.9
5150	45	-6.47	-12.92	-10.49	-2.19	-2.16	-0.57	-2.59	-5.64	-1.45	-7.23	-9.48	-12.11	-12.11
5150	60	-7.09	-11.98	-18.14	-8.42	-1.54	-1.78	-0.17	-0.03	-3.68	-7.1	-6.77	-4.28	-4.28
5150	75	-6.31	-9.83	-20.89	-11.91	-3.98	-2.1	-0.35	-1.4	-5.58	-6.57	-7.52	-9.88	-9.88
5150	90	-6.41	-9.91	-17.05	-11.37	-4.17	-1.25	-4.34	-3.11	-3.83	-5.62	-7.32	-10.55	-10.55
5150	105	-7.89	-9.3	-9.63	-8.44	-6.83	-3.4	-2.39	-4.23	-4.62	-5.86	-9.34	-7.56	-7.56
5150	120	-11.61	-11.15	-7.45	-4.42	-4.61	-2.85	-1.99	0.24	-2.86	-2.48	-8.29	-10.08	-10.08
5150	135	-10.89	-22.63	-9.71	-10.12	-7.17	-5.24	-4.1	-1.79	-0.79	-4.99	-8.43	-15.49	-15.49
5150	150	-23.9	-14.08	-9.01	-7.65	-1.07	-2.82	-0.16	-1.49	-4.28	-7	-8.02	-6.62	-6.62
5150	165	-28.39	-12.53	-11.64	-6.03	-1.79	-0.52	1.39	0.51	-5.76	-9.86	-11.34	-10.13	-10.13
5150	180	-17.33	-13.17	-7.47	-4.67	-1.85	0.24	0.97	-0.96	-4.8	-5.29	-15.89	-8.02	-8.02
5150	195	-9.96	-9.42	-6.87	-3.82	-0.94	0.83	0.26	-1.5	-3.71	-9.39	-12.41	-4.37	-4.37
5150	210	-7.74	-7.9	-4.63	-8.07	-0.81	0.14	0.11	-0.45	-6.73	-7.69	-19.73	-10.15	-10.15
5150	225	-6.14	-9.7	-5.47	-3.51	-1.73	-7.42	-2.94	-4.86	-5.42	-7.45	-19.29	-20.48	-20.48
5150	240	-7.33	-6.92	-9.6	-2.02	-2.64	-2.49	1.26	0.21	-1.02	-4.79	-20.81	-9.11	-9.11
5150	255	-5.93	-4.63	-3.22	-1.63	-1.1	1.41	0.51	0.25	-2.65	-10.3	-9.29	-8.8	-8.8
5150	270	-7.45	-5.27	-4.92	-5.23	-3.16	-2.45	-3.21	-2.03	-3.8	-16.15	-7.01	-7.13	-7.13
5150	285	-7.96	-4.23	-9.43	-1.56	1.12	-1.28	-5.74	-3.93	-3.9	-7.09	-8.62	-11.59	-11.59
5150	300	-13.17	-6.49	-7.15	-3.42	-0.21	-0.01	-9.85	-5.61	-3.16	-8.64	-10.66	-13.95	-13.95
5150	315	-15.92	-10.32	-10.08	-6.51	2.2	-0.28	-4.27	-6.31	-17.94	-5.19	-7.99	-26.36	-26.36
5150	330	-27.03	-15.05	-10.9	-6.53	-2.51	0.31	-0.58	-7.53	-8.2	-6.13	-6.46	-14.15	-14.15
5150	345	-27.06	-12.18	-11.25	-12.37	-4.94	1.81	2.72	-5.3	-8.7	-4.81	-6.69	-20.91	-20.91
5150	360	-17.4	-21.9	-6.09	-9.08	-3.32	1.05	2.77	-4.16	-8.65	-8.22	-10.08	-12.97	-12.97
5500	0	-16.63	-10.62	-8.22	-4.16	-5.71	0.33	1.46	-1.72	-9.35	-13.24	-19.66	-11.09	-11.09
5500	15	-16.32	-12.03	-11.66	-6.77	-2.01	-1.74	-0.97	-5.3	-10.48	-17.91	-20.6	-23.52	-23.52
5500	30	-15.86	-11.24	-14.62	-8.71	-2.69	-0.52	-1.36	-3.96	-11.84	-15.45	-12.01	-13.42	-13.42
5500	45	-10.63	-16.5	-14.3	-7.98	-8.45	-4.26	-0.99	-3.91	-8.27	-18.14	-9.88	-13.71	-13.71
5500	60	-10.52	-17.75	-8.02	-10.06	-2.96	-0.37	-2.28	-0.75	-5.17	-8.13	-13.15	-12.76	-12.76
5500	75	-8.52	-13.66	-7.68	-7.97	-6.62	-7.32	-4.25	-2.17	-3.99	-5.59	-9.4	-16.11	-16.11
5500	90	-6.73	-16.55	-13.91	-8.11	-4.81	-2.74	-2.39	-3.67	-2.58	-7.31	-17.41	-16.39	-16.39
5500	105	-8.41	-12.09	-27.14	-13.72	-5.35	-1.86	-2.52	-2.02	-9.67	-10.37	-9.94	-8.98	-8.98
5500	120	-7.71	-17.86	-18.4	-10.91	-4.7	-3.3	-1.55	-0.86	-0.29	-5.32	-9.15	-11.9	-11.9
5500	135	-9.87	-17.13	-12.91	-5.72	-1.71	-3.26	-3.72	-3.67	-1.59	-4	-16.27	-15.28	-15.28
5500	150	-12.59	-18.2	-13.15	-9.49	-6.47	-4.82	-1.84	-0.48	-2.15	-4.02	-14.97	-8.11	-8.11
5500	165	-17.55	-14.13	-9.65	-7.03	-3.69	-3.66	-2.27	0.26	-2.68	-7.96	-30.37	-12.94	-12.94
5500	180	-25.87	-15.65	-7.37	-5.1	-1.58	-3.42	-1.83	-0.08	-3.5	-5.73	-26.67	-20.73	-20.73
5500	195	-17.15	-9.46	-5.26	-2.26	-2.75	-1.59	-1.35	-2.58	-6.63	-10.53	-19.4	-12.45	-12.45
5500	210	-16.76	-8.28	-7.96	-1.46	-1.48	-1.99	-2.2	-5.93	-11.96	-12.27	-13.12	-28.88	-28.88
5500	225	-12.35	-5.87	-4.81	-2.99	-0.59	-0.86	-4.4	-7.3	-7.75	-7.48	-14.77	-15.15	-15.15
5500	240	-8.36	-4.38	-5.21	-6.7	-2.68	-2.62	-3.67	-3.68	-7.92	-9	-18.86	-13.86	-13.86
5500	255	-9.23	-5.82	-7	-4.59	-2.98	-3.08	-1.69	-2.11	-3.77	-12.98	-14.29	-16.64	-16.64
5500	270	-7.64	-4.88	-1.79	-0.48	-1.34	-1.89	-7.11	-12.68	-9.78	-12.2	-19.56	-20.06	-20.06
5500	285	-7.41	-5.01	-4.26	-3.38	-0.47	-0.15	-3.91	-7.18	-5.6	-5.58	-19.01	-18.54	-18.54
5500	300	-7.79	-5.69	-8.15	-1.27	-3.38	-1.82	-10.56	-9.84	-10.95	-10.52	-20.24	-20.6	-20.6
5500	315	-10.48	-11.47	-4.31	-5.02	-2.07	0.02	-1.04	-4.74	-10.23	-8.72	-18.63	-20.26	-20.26
5500	330	-11.49	-10.96	-4.94	-6.28	-1.71	-2.07	0.47	-4.8	-6.31	-7.92	-13.44	-14.13	-14.13
5500	345	-18.83	-11.57	-8.16	-7.52	-6.05	0	2.21	-3.51	-8.2	-10.67	-16.37	-22.08	-22.08
5500	360	-16.63	-10.62	-8.22	-4.16	-5.71	0.33	1.46	-1.72	-9.35	-13.24	-19.66	-11.09	-11.09
5850	0	-12.56	-9.07	-7.64	-7.58	-1.86	-0.02	0.34	-3.07	-18.29	-12.74	-12.35	-16.78	-16.78
5850	15	-21.76	-11.8	-9.43	-5.88	-3.11	-0.03	-0.35	-2.99	-9.94	-13.24	-12.31	-24.19	-24.19
5850	30	-14.23	-12.49	-13.31	-3.42	-5.17	-1.57	-0.74	-2.69	-16.13	-9.62	-14.75	-16.95	-16.95
5850	45	-14.29	-19.24	-10.44	-3.16	-2.28	-1.48	-3.52	-4.23	-5.09	-9.9	-25.93	-13.85	-13.85
5850	60	-13.06	-20.35	-12.4	-8.81	-4.26	-1.63	-2	-4.17	-8.67	-8.66	-22.1	-13.8	-13.8
5850	75	-7.04	-16.8	-22.43	-9.37	-0.42	-0.62	2.08	1.48	-3.16	-8.42	-26.83	-19.43	-19.43
5850	90	-9.81	-16.34	-12.46	-6.57	-4.17	-3	-1.53	-3.29	-5.45	-9.71	-15.98	-18.5	-18.5
5850	105	-7.64	-20.78	-9.96	-7.52	-4.52	-2.87	-3.45	-4.32	-6.3	-13.47	-17.61	-12.97	-12.97
5850	120	-9.12	-14.26	-9.2	-2.98	-0.5	1.11	-1.7	-0.81	-2.07	-11.45	-10.86	-19.71	-19.71
5850	135	-5.05	-12.9	-6.21	-2.39	-4.86	-0.02	1.26	-0.1	-6.52	-15.95	-10.6	-24.77	-24.77
5850	150	-9.95	-14.99	-4.63	-3.54	-0.19	0.89	1.03	1.4	-1.72	-35.71	-18.94	-18.89	-18.89
5850	165	-13.86	-10.33	-7.67	-1.89	-1.74	-0.81	-0.22	-1.62	-8.01	-15.31	-28.31	-12.27	-12.27
5850	180	-13.9	-10.87	-6.07	-1.64	-3.32	-1.45	-0.88	-3.75	-13.55	-7.34	-14.24	-20.92	-20.92
5850	195	-14.88	-8.21	-4.07	-1.71	-1.55	-0.67	0.38	-2.58	-15.81	-8.67	-28.24	-18.87	-18.87
5850	210	-24.55	-6.96	0.63	-2.72	-1.24	0.9	-0.07	-3.19	-6.17	-9.17	-25.02	-16.52	-16.52
5850	225	-12.82	-5.39	-1.62	-0.42	-2.33	-1.49	-2.05	-6.4	-17.95	-13.84	-16.88	-19.65	-19.65
5850	240	-17.36	-2.35	-3.75	-2.88	-0.24	-2.06	-0.65	-1.06	-5.05	-13.24	-17.48	-15.49	-15.49
5850	255	-12.23	-1.61	-1.72	-1.52	-0.72	-0.33	-6.48	-5.99	-8.39	-9.57	-12.13	-15.02	-15.02
5850	270	-10.23	-3.44	-7.03	-3.33	-1.86	-2.99	-4.88	-16.23	-21.8	-12.17	-15.22	-17.21	-17.21
5850	285	-8.4	-3.92	-0.73	0.52	0.24	-2.72	-7.98	-8.68	-19.47	-16.15	-13.23	-22.4	-22.4
5850	300	-9.2	-3.51	-0.56	-0.65	2.59	-0.35	-3.76	-5.9	-6.97	-14.09	-12.35	-24.93	-24.93
5850	315	-7.68	-3.05	-6.23	-0.74	-0.28	-2.74	-7.21	-8.95	-26.84	-23.44	-12.85	-16.35	-16.35
5850	330	-11.09	-4.1	-4.66	-3.37	0.5	-0.48	-0.03	-1.25	-10.43	-23.01	-14.96	-25.3	-25.3
5850	345	-10.56	-6.94	-5.46	-4.91	-1.83	0.59	2.05	-3.44	-13.62	-10.3	-22.62	-22.91	-22.91
5850	360	-12.56	-9.07	-7.64	-7.58	-1.86	-0.02	0.34	-3.07	-18.29	-12.74	-12.35	-16.78	-16.78

Ant. Position: 6G ANT 1 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-15.56	-13.9	-24.83	-15.89	-17.28	-17.91	-9.97	-6.43	-3.86	-4.32	-10.4	-14.04	-14.04
5925	15	-12.29	-16.59	-17.74	-19.82	-34.04	-12.67	-13.91	-13.95	-3.78	-7.16	-11.56	-22.37	-22.37
5925	30	-11.33	-19.36	-15.3	-13.72	-19.83	-13.98	-17.99	-7.62	-5.48	-5.84	-6.94	-13.5	-13.5
5925	45	-13.45	-21.85	-10.34	-16.42	-16.93	-19.15	-9.39	-19.67	-6.35	-14.29	-9.75	-14.48	-14.48
5925	60	-17.26	-24.48	-11.21	-11.06	-12.22	-23.05	-14.55	-30.07	-7.42	-18.96	-17.18	-13.33	-13.33
5925	75	-14.09	-13.72	-14.09	-19.11	-13.93	-24.26	-29.17	-23.9	-14.08	-20.84	-18.01	-16.21	-16.21
5925	90	-13.52	-17.67	-9.29	-16.46	-13	-15.03	-13.92	-18.08	-24.51	-12.93	-20.41	-21.64	-21.64
5925	105	-14.7	-21.65	-12.27	-11.71	-13.38	-13.49	-15.88	-15.64	-18.59	-15.43	-16.17	-16.76	-16.76
5925	120	-13.68	-13.74	-13.34	-19.24	-11.2	-15.87	-20.23	-13.85	-17.65	-33.23	-16.89	-30.74	-30.74
5925	135	-11.44	-24.02	-16.08	-17.68	-11.03	-22.7	-10.24	-13.52	-12.3	-20.88	-15.53	-18.93	-18.93
5925	150	-15.3	-14.26	-12.81	-13.45	-11.63	-20.11	-11.8	-12.69	-21.81	-15.74	-18.62	-17.31	-17.31
5925	165	-14.88	-12.32	-9.38	-9.85	-15.36	-18.52	-16.54	-18.23	-14.49	-22.36	-13.75	-15.29	-15.29
5925	180	-13.57	-13.16	-7.4	-17.11	-11.16	-13	-18.92	-22.07	-14.96	-16.84	-21.84	-18.17	-18.17
5925	195	-15.49	-11.74	-8.06	-20.98	-16.42	-10.91	-18.9	-19.85	-14.33	-20.03	-26.2	-17.71	-17.71
5925	210	-23.88	-15.42	-9.14	-10.27	-9.78	-20.01	-8.35	-11.88	-22.93	-12.78	-13.65	-23.85	-23.85
5925	225	-16.12	-11.12	-11.46	-10.27	-10.92	-25.54	-20.82	-15.43	-10.87	-5.87	-15.79	-9.27	-9.27
5925	240	-16.61	-10.85	-10.73	-10.51	-11.54	-9.2	-15.4	-12.84	-6.3	-6.18	-10.12	-13.49	-13.49
5925	255	-17.35	-12.26	-13.18	-9.44	-13.19	-10.67	-9.89	-11.43	-14.48	-6.71	-8.59	-13.77	-13.77
5925	270	-12.13	-15.79	-11.25	-9.81	-8.67	-17.08	-12.35	-37.84	-9.59	-22.09	-8.15	-9.22	-9.22
5925	285	-22.12	-13.65	-12.48	-19.39	-17.19	-16.76	-17.1	-17.4	-8.4	-8.84	-4.29	-15.41	-15.41
5925	300	-17.91	-14.61	-13.63	-14.8	-13.61	-13.33	-14.31	-16	-16.36	-9.32	-2.97	-6.95	-6.95
5925	315	-16.07	-17.2	-18.86	-15.69	-8.57	-12.7	-9.08	-16.17	-18.34	-3.43	-4.7	-13.4	-13.4
5925	330	-19.9	-23.62	-17.52	-11.2	-12.94	-11.67	-12.97	-18.46	-5.51	-9.06	-4.4	-6.62	-6.62
5925	345	-14.82	-15.03	-15.53	-9.55	-12.96	-12.03	-12.15	-7.89	-8.07	-11.18	-9.65	-24.79	-24.79
5925	360	-15.56	-13.9	-24.83	-15.89	-17.28	-17.91	-9.97	-6.43	-3.86	-4.32	-10.4	-14.04	-14.04
6500	0	-12.14	-12.53	-22.74	-5.12	-12.33	-13.32	-8.93	-7.85	-3.32	-1.4	-4.26	-12.02	-12.02
6500	15	-15.03	-17.44	-17.2	-10.11	-14.83	-14.39	-11.03	-10.85	-1.11	-4.81	-14.25	-12.95	-12.95
6500	30	-14.61	-15	-20.24	-10.96	-21.2	-18.49	-15.57	-6.29	-2.14	-0.77	-5.85	-7.64	-7.64
6500	45	-12.19	-15.83	-11.04	-7.65	-11.63	-14.28	-16.32	-12.62	-5.42	-6.58	-7.76	-12.57	-12.57
6500	60	-22.46	-16.5	-15.05	-16.68	-18.98	-22.34	-18.12	-6.45	-9.43	-12.84	-12.67	-11.23	-11.23
6500	75	-27.11	-12.08	-24.45	-16.34	-15.79	-12	-14.13	-17.76	-9.57	-9.03	-18.7	-7.41	-7.41
6500	90	-18.1	-16.21	-17.34	-14.68	-16.1	-12.74	-23.27	-15.45	-23.98	-25.04	-30.15	-6.71	-6.71
6500	105	-17.84	-21.14	-16.84	-17.49	-10.94	-12.61	-12.76	-15.96	-10.65	-18.32	-18.74	-10.78	-10.78
6500	120	-16.76	-18.73	-14.98	-15.07	-12.34	-17.69	-12.81	-32.8	-12.96	-17.36	-12.94	-19.37	-19.37
6500	135	-18.38	-14.36	-16.38	-27.34	-21.4	-16.35	-11.57	-17.05	-20.83	-12.67	-14.43	-16.16	-16.16
6500	150	-8.64	-11.88	-11.15	-11.96	-10.12	-12.14	-9.41	-27.26	-14.65	-7.39	-13.11	-24.85	-24.85
6500	165	-8.59	-14.93	-10.99	-6.16	-9.06	-16.67	-8.9	-9.14	-13.01	-17.69	-17.66	-21.15	-21.15
6500	180	-15.7	-12.91	-11.7	-11.43	-8.04	-13.1	-10.45	-10.55	-26.31	-10	-20.18	-10.48	-10.48
6500	195	-20.24	-12.44	-19.66	-9.67	-12.82	-15.86	-10.25	-13.34	-13.05	-16.82	-14.57	-9.94	-9.94
6500	210	-20.66	-13.47	-24.69	-18.42	-7.58	-7.89	-14.42	-20.45	-16	-5.04	-9.22	-15.85	-15.85
6500	225	-14.96	-15.21	-17.17	-19.24	-14.57	-8.23	-6.02	-10.85	-6.87	-1.88	-17.57	-8.69	-8.69
6500	240	-24.48	-18.01	-19.91	-10.67	-7.92	-16.79	-11.01	-7.38	-5.83	-6.17	-5.47	-4.91	-4.91
6500	255	-31.46	-22.64	-13.1	-15.8	-8.38	-13.14	-9.53	-8.14	-9.12	-7.67	-4.02	-6.49	-6.49
6500	270	-17.53	-10.44	-13.4	-16.52	-16.41	-10.49	-12.23	-9.64	-10.7	-13.6	-1.41	-5.12	-5.12
6500	285	-17.73	-13.32	-12.46	-16.51	-12.5	-20.16	-11.13	-12.21	-8.57	-15.68	-5.87	-1.44	-1.44
6500	300	-12.32	-12.51	-16.06	-14.75	-8.43	-13.07	-17.88	-8.64	-8.92	-4.09	-12.11	-1.84	-1.84
6500	315	-16.36	-12.88	-5.56	-14.77	-10.91	-10.01	-8.24	-8.36	-5.92	-9.65	-6.38	-3.18	-3.18
6500	330	-14.79	-20	-7.61	-11.38	-16.42	-13.21	-16.17	-7.08	-6.71	-1.87	-6.91	-3.3	-3.3
6500	345	-15.62	-9.16	-10.79	-10.75	-17.24	-7.75	-12.72	-13.68	-3.43	-3.76	-6.04	-30.18	-30.18
6500	360	-12.14	-12.53	-22.74	-5.12	-12.33	-13.32	-8.93	-7.85	-3.32	-1.4	-4.26	-12.02	-12.02
7125	0	-13.88	-13.5	-21.46	-7.13	-11.75	-14.9	-27.13	-28.09	-12.93	-8.51	-13.84	-13.49	-13.49
7125	15	-8.79	-15.98	-8.37	-14.48	-10.44	-16.6	-15.02	-25.41	-10.83	-32.72	-17.97	-10.99	-10.99
7125	30	-7.95	-10.01	-9.42	-7.55	-28.13	-15.14	-23.67	-11.26	-17.22	-16.43	-19.16	-15.84	-15.84
7125	45	-10.63	-10.76	-10.37	-15.16	-13.8	-11.02	-17.15	-11.36	-9.73	-8.64	-15.07	-20.27	-20.27
7125	60	-13.87	-7.16	-17.86	-13.87	-14.34	-9.63	-26.27	-19.41	-14.39	-12.3	-13.63	-11.57	-11.57
7125	75	-15.5	-14.54	-12.64	-16.11	-23.71	-8.2	-13.49	-12.33	-16.52	-12.91	-23.35	-13	-13
7125	90	-16.87	-12.84	-7.21	-17.85	-32.77	-18.29	-13.91	-22.06	-27.8	-12.26	-13.21	-20.97	-20.97
7125	105	-22.19	-10.37	-18.46	-14.35	-14.75	-23.75	-9.82	-18.9	-20.89	-20.8	-21.84	-24.72	-24.72
7125	120	-15.31	-12.91	-14.87	-16.82	-13.22	-14.32	-6.67	-14.57	-13.75	-13.7	-17.66	-17.67	-17.67
7125	135	-12.82	-20.2	-16.49	-12.08	-11.22	-14.91	-9.51	-10.17	-37.14	-18.28	-20.85	-12.22	-12.22
7125	150	-14.76	-10.49	-16.22	-13.38	-17.86	-16.49	-14.32	-10.06	-12.12	-14.56	-24.13	-19.28	-19.28
7125	165	-14.76	-15.04	-22.86	-14.55	-9.87	-9.92	-17.7	-10.83	-9.08	-11.48	-11.16	-32.94	-32.94
7125	180	-16.07	-12.78	-13.52	-12.48	-14.48	-11.62	-8.4	-11.12	-11.5	-17.27	-14.45	-15.44	-15.44
7125	195	-11.66	-10.17	-7.8	-16.55	-18.17	-10.84	-15.87	-6.39	-8.79	-11.28	-14.25	-17.05	-17.05
7125	210	-12.89	-12.53	-14.26	-6.54	-20.24	-7.1	-10.48	-7.54	-13.79	-13.51	-17.51	-15.85	-15.85
7125	225	-9.64	-24.92	-25.9	-7.5	-10.87	-35.74	-6.26	-6.13	-15.13	-21.56	-34.79	-10.23	-10.23
7125	240	-16.63	-22.32	-18.42	-12.44	-9.6	-18.11	-15.67	-15.61	-12.01	-13.92	-10.32	-14.28	-14.28
7125	255	-14.26	-14.3	-14.04	-20.99	-10.83	-15.09	-15.96	-18.78	-11.91	-10.17	-13.74	-11.42	-11.42
7125	270	-26.34	-12.87	-27.75	-16.21	-18.73	-15.14	-14.2	-8.2	-19.58	-12.5	-13.18	-10.47	-10.47
7125	285	-13.67	-13.05	-15.24	-24.46	-22.09	-21.74	-17.72	-19.36	-11.75	-17.62	-22.8	-12.05	-12.05
7125	300	-22.45	-17.37	-15.32	-12.76	-22.8	-22.74	-16.77	-11.57	-16.94	-17.46	-14.21	-17.63	-17.63
7125	315	-23.7	-16.74	-16.05	-21.57	-23.43	-22.65	-25.35	-12.14	-10.33	-18.73	-13.94	-29.45	-29.45
7125	330	-14.22	-11.24	-10.43	-9.02	-17.81	-15.79	-11.83	-16.05	-9.99	-13.65	-13.4	-13.89	-13.89
7125	345	-7.88	-14.01	-18.38	-5.81	-10.78	-15.06	-16.43	-17.89	-17.59	-14.22	-22.16	-20.42	-20.42
7125	360	-13.88	-13.5	-21.46	-7.13	-11.75	-14.9	-27.13	-28.09	-12.93	-8.51	-13.84	-13.49	-13.49

Ant. Position: 6G ANT 1 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-12.15	-10.89	-5.33	-2.5	-6.35	2.37	-7.17	-6.94	-7.16	1.25	-1.03	-25.5	-25.5
5925	15	-22.14	-8.39	-4.19	-3.58	-12.61	1.2	-6.9	-4.12	-2.8	-4.14	-20.72	-11.63	-11.63
5925	30	-17.92	-9.3	-4.54	-2.73	-13.4	0.4	-9.99	-7.6	-5.73	-11.67	-7.57	-9.46	-9.46
5925	45	-16.09	-10.61	-2.72	-2.45	-13.4	-1.18	-6.09	-11.19	-6.32	-14.69	-6.67	-22.72	-22.72
5925	60	-19.92	-11.54	-3.89	-3.36	-21.76	-3.5	-4.58	-8.12	-9.46	-11.16	-5.12	-13.37	-13.37
5925	75	-14.83	-8.78	-4.93	-3.83	-13.07	-6.7	-3.17	-3.67	-9	-14.38	-8.11	-11.74	-11.74
5925	90	-15.58	-9.97	-5.53	-4.19	-7.78	-4.55	-0.79	-5.77	-4.31	-12.85	-11.86	-11.6	-11.6
5925	105	-12.31	-11.46	-3.67	-5.13	-3.21	-4.18	-2.74	-5.77	-7.49	-15.69	-16.35	-14.04	-14.04
5925	120	-11.35	-12.75	-5.53	-5	-5.97	-9.28	-4.74	-3.56	-9	-14.06	-18	-15.13	-15.13
5925	135	-13.46	-14.86	-5.16	-3.37	-7.56	-2.89	-2	-2.68	-5.39	-13.78	-22.68	-16.42	-16.42
5925	150	-17.28	-13.99	-6.58	-4.13	-8.52	-4.5	-2.79	-2.2	-7.48	-13.16	-27.95	-17.62	-17.62
5925	165	-14.11	-13.7	-5.24	-4.05	-4.48	-9.27	-2.7	-2.03	-7.82	-16.85	-16.13	-12.57	-12.57
5925	180	-13.54	-13.73	-7.11	-4.98	-6.91	-6.81	-4.66	-4.39	-10.4	-15.11	-14.8	-22.95	-22.95
5925	195	-14.72	-12.48	-5.46	-6.53	-4.39	-7.33	-11.09	-10.78	-15.21	-20.73	-14.38	-19.52	-19.52
5925	210	-13.69	-11.11	-5.29	-4.7	-6.34	-4.12	-5.6	-8.46	-8.79	-16.88	-12.86	-18.84	-18.84
5925	225	-11.46	-10.51	-4.61	-3.94	-5.71	-3.38	-8.28	-7.08	-6.52	-12.69	-11.16	-16.57	-16.57
5925	240	-15.32	-9.26	-4.61	-4.37	-3.98	-5.37	-2.7	-0.97	-3.35	-5.43	-7.51	-15.15	-15.15
5925	255	-14.9	-6.43	-2.9	-4.07	-11.11	-5.52	-2.51	-0.41	-7.87	-4.75	-6.88	-14.43	-14.43
5925	270	-13.59	-8.59	-3.29	-2.53	-4.21	-9.41	-1.6	-1.44	-11.73	-8.32	-6.46	-16.58	-16.58
5925	285	-15.5	-7.53	-5.15	-2.22	-2.65	-13.11	-3.5	-9.33	-14.03	-4.37	-4.53	-12.61	-12.61
5925	300	-23.9	-9.95	-3.97	-4.48	-5.05	-6.86	-2.56	-5.79	-14.01	-2.56	-3.92	-20.26	-20.26
5925	315	-16.14	-7.07	-6.09	-9.13	-11.94	-12.18	-7.17	-14.19	-10.21	-2.36	-2.34	-17.84	-17.84
5925	330	-16.63	-7.19	-7.53	-7.2	-23.71	-9.81	-8.92	-7.04	-6.15	-3.65	-3.16	-23.49	-23.49
5925	345	-17.37	-10.02	-4.81	-4.68	-8.52	-1.08	-5.97	-5.08	-5.79	-1.84	-6.78	-13.78	-13.78
5925	360	-12.15	-10.89	-5.33	-2.5	-6.35	2.37	-7.17	-6.94	-7.16	1.25	-1.03	-25.5	-25.5
6500	0	-17.42	-15.38	-3.37	1.22	-4.43	0.17	-0.27	-6.26	-17.16	1.22	1.21	-15.63	-15.63
6500	15	-17.62	-11.25	-7.24	0.49	-3.57	-3.78	-1.54	-7.22	-13.79	-3.28	-11.81	-14.67	-14.67
6500	30	-12.21	-9.43	-6.95	1.75	-6.34	0.03	-3.5	-7.39	-6.96	-7.25	-3.53	-11.53	-11.53
6500	45	-16.25	-11.87	-6.97	-0.25	-2.26	-2.92	-4.32	-3.98	-6.4	-6.89	-4.38	-14.16	-14.16
6500	60	-14.68	-10.39	-6.89	-2.96	-0.44	-0.01	0.91	-0.14	-2.57	-31.01	-7.65	-8.54	-8.54
6500	75	-15.51	-8.34	-2.16	-1.95	-1.09	-4.28	-1.23	-6.91	-1.16	-12.59	-4.85	-7.89	-7.89
6500	90	-12.02	-9.87	-1.93	-5.11	-4.13	-2.05	-0.61	-3.93	-8.56	-10.17	-6.61	-8.34	-8.34
6500	105	-14.91	-4.94	-4.28	-4.2	-2.57	-3.05	-3.13	-3.91	-7.28	-10.64	-13.65	-8.79	-8.79
6500	120	-14.49	-6.73	-11.84	-2.64	-4.44	-8.05	-5.41	-2.04	-3.5	-18.31	-20.57	-11.99	-11.99
6500	135	-12.07	-7.42	-6.48	-4.68	-2.03	0.2	2.05	-0.31	-4.92	-13.27	-14.49	-20.15	-20.15
6500	150	-22.35	-4.94	-6.25	-5.89	-0.33	-1.52	-0.63	-3.58	-7.19	-19.67	-13.83	-12.88	-12.88
6500	165	-27	-6.79	-5.29	-3.51	-2.74	-4.11	1.28	2.33	-3.45	-26.6	-15.72	-9.27	-9.27
6500	180	-17.99	-6.2	-3.74	-2.14	-2.36	-7.31	-1.15	-0.61	-2.77	-10.35	-14.46	-22.65	-22.65
6500	195	-17.73	-5.77	-2.09	-0.27	-4.07	-2.49	-1.47	-1.42	-7.36	-13.39	-25.99	-18.14	-18.14
6500	210	-16.65	-6.91	-2.85	1.54	-4.72	1.64	-0.53	-0.16	-3.6	-8.99	-13.01	-11.91	-11.91
6500	225	-18.27	-8.79	-3.58	-0.67	-2.8	-2.09	-5.73	-2.31	-6.93	-9.57	-8.97	-10.52	-10.52
6500	240	-8.53	-5.92	-4.33	-0.26	1.49	-7.77	-7.14	-3.33	-10.23	-4.94	-7.53	-13.06	-13.06
6500	255	-8.48	-6.68	-8.84	-3.54	-3.09	-6.48	-16.26	-0.49	-5.61	-7.26	-5.62	-16.85	-16.85
6500	270	-15.58	-11.45	-6.61	-4.95	1.16	-4.48	-5.87	-1.63	-8.61	-5.32	-3.58	-23.12	-23.12
6500	285	-20.12	-10.77	-5.16	-2.83	1.72	1.28	-5.29	-1.37	-4.6	-6.64	-4.05	-15.38	-15.38
6500	300	-20.54	-12.47	-2.36	-6.97	0.77	0.26	0.3	0.66	-1.44	-9.79	-4.66	-6.95	-6.95
6500	315	-14.85	-15.7	-4.55	-6.68	-3.63	0.96	-1.09	0	-6.54	-10.84	-8.98	-10.58	-10.58
6500	330	-24.37	-21.79	-4.1	-3.35	-4.74	-1.8	-2.51	-4.15	-12.9	-4.36	-3.71	-22.61	-22.61
6500	345	-31.35	-13.38	-5.57	-1.62	-4.14	-0.91	-1.33	-3.35	-8.05	0.35	-11.93	-11.19	-11.19
6500	360	-17.42	-15.38	-3.37	1.22	-4.43	0.17	-0.27	-6.26	-17.16	1.22	1.21	-15.63	-15.63
7125	0	-26.37	-10.46	-16.84	-16.41	-1.31	-0.63	0.98	-0.81	-5.57	-7.75	-3.52	-25.92	-25.92
7125	15	-13.69	-10.78	-7.77	-8.3	-2.37	-3.39	-2.81	-4.51	-6.16	-9.52	-30.46	-16.43	-16.43
7125	30	-22.48	-20.7	-9.31	-3.45	0.83	-0.62	-1.81	-2.56	-11.07	-18.28	-13.5	-16.07	-16.07
7125	45	-23.73	-5.73	-7.35	-4.24	-3.59	-7.61	-1.38	-1.48	-9.08	-10.64	-14.63	-23.14	-23.14
7125	60	-14.25	-7.37	-3.95	-7.87	-7.91	-0.66	0.18	-0.28	-0.8	-11.46	-18.29	-14.21	-14.21
7125	75	-7.91	-6.33	-8.51	-9.26	-3.46	-1.29	-1.16	-3.03	-6.89	-13.37	-21.61	-14.87	-14.87
7125	90	-13.91	-5.95	-4.98	-4.88	-7.77	-4.33	-0.2	1.29	-1.09	-15.86	-19.06	-18.63	-18.63
7125	105	-8.82	-11.13	-5.43	-7.46	-3.75	-0.75	-4.84	-5.82	-6.07	-18.35	-21.21	-24.86	-24.86
7125	120	-7.98	-13	-4.27	-4.57	-6.04	-2.2	-3.15	-10.13	-16.09	-15.79	-23.51	-15.97	-15.97
7125	135	-10.66	-7.19	-4.7	-4.79	-5.86	-0.91	0.82	-1.38	-28.76	-11.46	-13.27	-18.91	-18.91
7125	150	-13.89	-12.93	-9.37	-3.78	-9.37	0.39	0.07	-2.05	-11.01	-8.82	-7.66	-26.64	-26.64
7125	165	-15.52	-20.98	-9.36	-1	-9.96	-4.24	-0.41	-2.39	-10.85	-18.33	-29.91	-12.07	-12.07
7125	180	-16.9	-20.15	-14.55	-1.58	-7.39	-4.1	1.02	-0.31	-5.01	-14.23	-16.35	-7.43	-7.43
7125	195	-22.21	-13.52	-16.86	-4.41	-5.83	-1.84	-8.45	-7.69	-13.15	-19.53	-9.89	-15.19	-15.19
7125	210	-15.33	-12.06	-8.43	-6.68	-6.57	-5.67	-0.67	-1.88	-5.09	-11.34	-9.04	-14.23	-14.23
7125	225	-12.85	-9.04	-8.72	-6.92	-2.47	-1.07	-4.11	-3.2	-1.94	-8.01	-8.49	-15.38	-15.38
7125	240	-14.79	-9.57	-10.49	-13.67	-4.73	0.48	-0.24	-7.15	-6.94	-8.46	-6.69	-12.2	-12.2
7125	255	-14.79	-18.87	-12.77	-16.4	-2.37	0.65	1.26	-1.9	-4.16	-8.47	-5.72	-15.91	-15.91
7125	270	-16.1	-13.25	-13.29	-11.27	-4.67	-0.28	-0.02	-7.58	-6.72	-5.97	-7.92	-10.55	-10.55
7125	285	-11.69	-12.93	-13.28	-7.47	-3.35	-1.24	-2.74	-3.82	-7.91	-7.46	-6.36	-13.98	-13.98
7125	300	-12.92	-6.63	-8.15	-4.68	-5.47	-5.66	-4.28	-5.38	-2.14	-9.05	-7.31	-9.84	-9.84
7125	315	-9.67	-8.45	-7.01	-7.12	-2.51	1.24	-1.22	0.96	-0.02	-5.1	-8.09	-13.82	-13.82
7125	330	-16.66	-11.16	-9.77	-4.86	-8	-2.34	-1.69	-3.57	-2.78	-6.25	-8.31	-15.74	-15.74
7125	345	-14.29	-9.68	-11.81	-10.77	-4.01	-6.63	-4.32	-6.57	-7.41	-14.98	-9.17	-13.72	-13.72
7125	360	-26.37	-10.46	-16.84	-16.41	-1.31	-0.63	0.98	-0.81	-5.57	-7.75	-3.52	-25.92	-25.92

Ant. Position: 6G ANT 2 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-11.4	-15.45	-23.5	-16.83	-16.2	-19.19	-11.36	-7.88	-9.63	-16.24	-21.27	-17.83	-17.83
5925	15	-9.97	-14.98	-22.8	-10.58	-16.73	-14.29	-25.19	-15.13	-13.08	-15.28	-11.48	-7.51	-7.51
5925	30	-8.41	-9.16	-16.97	-21.09	-17.14	-19.4	-11.67	-9.92	-9.46	-8.42	-9.54	-9.59	-9.59
5925	45	-5.94	-10.15	-8.96	-16.15	-8.19	-19.67	-10.93	-8.04	-25	-15.84	-9.01	-8.82	-8.82
5925	60	-5.88	-7.47	-8.03	-13.49	-10.7	-19.87	-10.26	-8.12	-8.6	-12.2	-7.34	-4.53	-4.53
5925	75	-5.7	-12.93	-12.64	-13.82	-6.38	-11.63	-6.9	-6.59	-11.78	-8.66	-6.5	-2.33	-2.33
5925	90	-5.91	-12.7	-16.55	-16.12	-7.4	-12.11	-10.85	-7.94	-8.81	-8.16	-7.78	-3.67	-3.67
5925	105	-9.8	-15.79	-22.48	-13.87	-9.57	-16.49	-9.43	-7.52	-4.39	-5.01	-11.47	-5.73	-5.73
5925	120	-11.44	-16.02	-17.84	-11.81	-5.73	-34.52	-13.32	-11.82	-6.13	-8.95	-12.62	-15.95	-15.95
5925	135	-12.76	-13.63	-12.55	-8.21	-9.17	-17.16	-14.01	-22.35	-4.29	-7.65	-14.52	-22.17	-22.17
5925	150	-12.62	-11.9	-13.09	-6.28	-8.83	-13.42	-13.88	-20.19	-7.64	-7.31	-13.52	-14.94	-14.94
5925	165	-12.58	-13.12	-17.38	-5.84	-14.06	-14.61	-8.72	-18.96	-10.32	-30.1	-15.93	-14.88	-14.88
5925	180	-10.41	-10.89	-17.3	-7.5	-10.83	-10.08	-10.33	-10.77	-18.3	-16.68	-20.64	-14.08	-14.08
5925	195	-7.92	-10.53	-8.06	-8.6	-12.88	-10.08	-10.3	-29.98	-13.9	-17.32	-17.26	-15.91	-15.91
5925	210	-5.3	-9.16	-13.09	-14.47	-26.58	-9.51	-11.2	-13.09	-14.69	-18.67	-12.04	-18.76	-18.76
5925	225	-4.05	-12.53	-10.71	-14.11	-16.86	-14.22	-5.59	-13.35	-17.57	-20.3	-18.5	-13.26	-13.26
5925	240	-7.3	-6.89	-8.66	-16.08	-16.72	-11.54	-5.94	-10.49	-14.05	-17.33	-20.6	-13.8	-13.8
5925	255	-6.37	-7.96	-8.79	-26.23	-15.5	-11.63	-7.26	-20.05	-15.55	-16.71	-15.45	-19.71	-19.71
5925	270	-5.63	-9.71	-16.24	-22.24	-22.47	-7.89	-11.07	-7.71	-22.94	-15.45	-7.7	-18.47	-18.47
5925	285	-6.12	-9.57	-15.19	-18.05	-13.25	-14.48	-14.08	-10.73	-15.6	-21.64	-10.15	-15.12	-15.12
5925	300	-9.24	-8.04	-12.6	-23.14	-8.07	-20.33	-12.46	-10.4	-17.8	-14.61	-10.32	-13.19	-13.19
5925	315	-13.03	-11.68	-14.9	-13.98	-9.94	-18.37	-21.01	-9.37	-8.91	-10.04	-13.71	-13.24	-13.24
5925	330	-14.17	-10.06	-50.89	-18.28	-9.25	-15.58	-17.79	-10.56	-20.86	-7.97	-14.02	-6.69	-6.69
5925	345	-18.66	-10.56	-15.6	-13.39	-28.63	-22.41	-16.67	-7.99	-11.21	-8.61	-10.36	-13.25	-13.25
5925	360	-11.4	-15.45	-23.5	-16.83	-16.2	-19.19	-11.36	-7.88	-9.63	-16.24	-21.27	-17.83	-17.83
6525	0	-20.99	-29.22	-19.92	-13.2	-35.98	-14.05	-20.28	-12.67	-8.38	-28.3	-11.98	-22.43	-22.43
6525	15	-12.79	-10.64	-21.85	-11.49	-10.22	-12.78	-15.07	-16.85	-10.13	-14.01	-21.6	-13.16	-13.16
6525	30	-11.65	-9.94	-11.71	-12.42	-11.12	-12.51	-10.88	-9.41	-14.69	-17.38	-12.79	-19.84	-19.84
6525	45	-12.17	-7.4	-8.58	-12.72	-8.79	-11.73	-7.74	-7.07	-10.39	-13.76	-8.07	-20.35	-20.35
6525	60	-8.02	-6	-11.6	-8.64	-7.39	-9.12	-10.18	-6.41	-11.81	-10.2	-10.87	-21.39	-21.39
6525	75	-9.82	-5.94	-7.74	-6.02	-9.46	-8.17	-6.88	-6.09	-8.58	-3.68	-12.2	-13.74	-13.74
6525	90	-7.8	-10.14	-11.79	-8.56	-9.46	-15.81	-8.2	-7.94	-7.85	-3.01	-14.85	-14.99	-14.99
6525	105	-6.53	-10.79	-20.26	-10.35	-7.08	-12.51	-9.45	-10.4	-5.67	-3.71	-12.97	-15.06	-15.06
6525	120	-6.49	-23.02	-13.92	-16.62	-10.38	-13.99	-10.02	-15.71	-5.1	-5.73	-12.13	-16.8	-16.8
6525	135	-6.66	-15.74	-25.88	-13.31	-10.02	-15.56	-11.12	-14.31	-7.09	-10.42	-5.55	-20.27	-20.27
6525	150	-20.5	-13.43	-22.78	-9.74	-17.36	-17.97	-7.96	-20.78	-13.89	-11.78	-13.5	-14.31	-14.31
6525	165	-10.66	-11.13	-20.6	-10.5	-11.29	-10.99	-15.95	-16.86	-10.16	-22.79	-20.8	-9.64	-9.64
6525	180	-16.16	-15.75	-17.13	-16.29	-19.3	-20.06	-25.17	-15.5	-21.41	-23.59	-16.91	-24.8	-24.8
6525	195	-22.59	-10.7	-7.36	-34.41	-21.38	-12.69	-8.79	-16.42	-15.82	-17.07	-16.91	-17.19	-17.19
6525	210	-11.22	-9.33	-11.68	-17.87	-18.89	-9.94	-6.47	-10.41	-22.5	-10.12	-26.18	-32.04	-32.04
6525	225	-11.1	-7.67	-12.17	-13.03	-17.06	-7.09	-5.59	-10.23	-25.27	-24.31	-21.48	-10.68	-10.68
6525	240	-9.59	-5.07	-9.62	-14.85	-28.68	-6.77	-3.23	-6.71	-18.8	-17.5	-16.81	-12.89	-12.89
6525	255	-6.92	-7.92	-8.48	-12.85	-16.24	-10.67	-3.16	-4.75	-11.79	-14.46	-9.75	-20.55	-20.55
6525	270	-6.23	-9.95	-8.38	-9.1	-17.92	-8.46	-6.14	-7.13	-13.97	-20.23	-16.1	-36.56	-36.56
6525	285	-6.08	-9.47	-7.02	-11.42	-10.28	-6.87	-5.39	-5.52	-9.09	-8.92	-22.76	-9.93	-9.93
6525	300	-8.11	-8.71	-18.01	-4.88	-11.87	-16.75	-8.49	-8.47	-11.03	-15.87	-23.77	-8.82	-8.82
6525	315	-7.51	-8.66	-20.13	-9.66	-12.04	-16.07	-8.22	-18.65	-13.85	-10.73	-14.84	-15.46	-15.46
6525	330	-8.67	-6.73	-20.31	-21.94	-17.79	-25.35	-19.79	-12.14	-11.73	-10.63	-8.29	-8.91	-8.91
6525	345	-12.51	-9.85	-13.86	-21.9	-15.07	-15.71	-19.61	-12.07	-18.03	-13.24	-19.56	-25.84	-25.84
6525	360	-20.99	-29.22	-19.92	-13.2	-35.98	-14.05	-20.28	-12.67	-8.38	-28.3	-11.98	-22.43	-22.43
7125	0	-15.36	-22.16	-20.99	-13.26	-14.95	-8.71	-31.13	-14.71	-14.56	-17.27	-23.7	-15.18	-15.18
7125	15	-15.51	-15.52	-19.91	-15.42	-19.72	-13.88	-21.61	-14.3	-15.22	-12.36	-22.93	-21.06	-21.06
7125	30	-10.9	-28.22	-9.74	-21.05	-24.44	-23.15	-12.26	-18.33	-19.38	-11.25	-18.68	-42.95	-42.95
7125	45	-11.2	-6.96	-8.83	-14.6	-10.97	-16.12	-13.67	-14.01	-20.72	-13.36	-15.54	-12.09	-12.09
7125	60	-9.1	-15.29	-5.5	-11.38	-7.81	-14.23	-12.81	-14.76	-16.39	-12.8	-13.29	-12.62	-12.62
7125	75	-9.54	-11.72	-9.05	-10.18	-6.56	-17.79	-11.28	-13.51	-6.22	-9.6	-19.29	-11.55	-11.55
7125	90	-15.76	-13.46	-6.62	-11.35	-7.78	-13.74	-14.17	-9.34	-10.37	-4.79	-18.35	-6.84	-6.84
7125	105	-12.07	-15.65	-4.52	-11.61	-14.13	-24.71	-10.33	-13.62	-13.23	-8.71	-13.92	-9.43	-9.43
7125	120	-17.6	-8.65	-10.2	-42.04	-13.8	-13.78	-8.63	-20.48	-9.25	-6.24	-13.92	-10.8	-10.8
7125	135	-19.24	-16.78	-16.83	-10.13	-14.44	-9.05	-34.66	-10.06	-9.57	-7.18	-8.24	-13.61	-13.61
7125	150	-20.58	-14.95	-26.25	-23.44	-13.12	-17.14	-13.26	-21.62	-11.55	-14.16	-7.31	-14.43	-14.43
7125	165	-22.56	-19.64	-15.55	-15.37	-26.08	-12.02	-8.65	-13.46	-14.75	-22.39	-23.43	-8.37	-8.37
7125	180	-14.9	-12.7	-15.86	-18.43	-17.43	-39.09	-23.02	-18.73	-19.43	-18.13	-16.46	-15.16	-15.16
7125	195	-17.14	-10.94	-13.97	-22.72	-14.97	-15.98	-11.6	-25.91	-18.58	-16.92	-26.82	-15.05	-15.05
7125	210	-11.95	-8.74	-12.72	-11.6	-18.29	-12.71	-16.32	-20.08	-23.32	-25.74	-16.47	-15.42	-15.42
7125	225	-12.71	-7.58	-17.91	-16.54	-17.26	-6.37	-4.64	-9.26	-11.43	-15.56	-18.05	-36.47	-36.47
7125	240	-11.81	-10.12	-10.69	-22.74	-15.19	-8.96	-7.62	-13.02	-13.66	-9.86	-31.9	-12.04	-12.04
7125	255	-12.79	-13.5	-13.33	-16.18	-13.46	-12.06	-6.95	-12.86	-10.93	-21.29	-12.09	-13.8	-13.8
7125	270	-14.92	-13.06	-13.56	-10.01	-14.51	-13.44	-5.37	-6.62	-14.55	-30.13	-17.07	-28.85	-28.85
7125	285	-11.83	-12.59	-6.17	-12.35	-20.71	-12.9	-8.45	-7.89	-18.84	-15.6	-19.01	-16.71	-16.71
7125	300	-13.21	-7.57	-11.28	-15.86	-10.36	-11.22	-13.12	-12.4	-22.73	-18.09	-17.35	-13.96	-13.96
7125	315	-29.98	-10.27	-13.54	-24.27	-19.8	-20.68	-12.79	-18.52	-21.77	-13.66	-15.8	-17.47	-17.47
7125	330	-34.56	-21.43	-12.29	-9.04	-19.46	-25.3	-14.35	-14.98	-14.5	-19.63	-18.26	-20.05	-20.05
7125	345	-18.05	-13.64	-12.89	-10.58	-14.57	-13.63	-21.92	-16	-13.1	-15.8	-19.34	-25.39	-25.39
7125	360	-15.36	-22.16	-20.99	-13.26	-14.95	-8.71	-31.13	-14.71	-14.56	-17.27	-23.7	-15.18	-15.18

Ant. Position: 6G ANT 2 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-5.65	-6.81	-6.58	-0.45	0.15	-1.84	0.47	-2.13	-2.25	-6.73	-13.03	-17.5	-17.5
5925	15	-6.13	-5.29	-10.88	-3.28	-0.5	-7.12	-0.15	1.89	1.45	-10.5	-8.64	-14.14	-14.14
5925	30	-9.25	-6.22	-10.52	-3.96	0.03	-1.7	-0.59	0.96	-2.33	-7.95	-0.77	-7.66	-7.66
5925	45	-13.04	-9.05	-10.16	-1.74	-4.2	-2.84	-0.09	-11.86	-3.97	-5.14	-3.14	-7.41	-7.41
5925	60	-14.19	-11.61	-8.44	-2.39	-1.98	-6.51	1.41	-8.16	-2.99	-14.78	-7	-8.41	-8.41
5925	75	-18.68	-29.3	-8.97	-3.38	0.36	-8.13	0.72	-5.94	2.36	-8.63	-11.48	-9.58	-9.58
5925	90	-11.42	-15.4	-9.33	-3.28	-0.41	-1.74	0.68	-1.66	0.3	-9.06	-7.84	-13.41	-13.41
5925	105	-9.98	-8.49	-12.35	-3.31	-1.05	-0.57	1.65	-5.65	-2.79	-15.3	-8.64	-10.8	-10.8
5925	120	-8.42	-7.04	-12.67	-8.48	-4.96	-0.71	1.53	-7.43	-3.72	-17.76	-6.18	-16.03	-16.03
5925	135	-5.96	-5.31	-10.96	-9.8	-9.3	-2.89	-2	-4.6	-1.66	-18.47	-11.16	-14.67	-14.67
5925	150	-5.89	-5.69	-6.99	-11.33	-3.45	-0.31	-4.48	-5.53	-6.34	-23.93	-13.17	-25.6	-25.6
5925	165	-5.72	-6.07	-5.26	-8.71	-7.17	-2.9	-4.04	-3.09	-2.97	-16.99	-12.7	-23.45	-23.45
5925	180	-5.93	-4.43	-8.84	-8.02	-6.51	-2.17	-4.46	-6.81	-7.42	-8.4	-17.66	-14.71	-14.71
5925	195	-9.82	-8.24	-11.11	-3.9	-4.71	-3.85	-5.24	-5.37	-31.58	-17.97	-28.31	-26.1	-26.1
5925	210	-11.46	-17.3	-11.12	-11.96	-5.29	-2.57	-0.35	-6.19	-23.61	-8.98	-18.68	-15.4	-15.4
5925	225	-12.78	-12.96	-11.9	-13.36	-5.93	-1.67	-0.05	-3.99	-32.75	-17.48	-22.12	-14.74	-14.74
5925	240	-12.64	-13.02	-7.87	-5.93	-4.31	-1.28	0.53	-2.98	-12.84	-13.09	-16.9	-19.58	-19.58
5925	255	-12.6	-11.05	-8.1	-6.05	-1.31	-3	-0.34	-4.57	-4.53	-7.12	-11.13	-14.86	-14.86
5925	270	-10.43	-13.56	-10.64	-5.82	-1.8	-4.52	-2.92	-2.34	-1.72	-4.01	-10.47	-11.76	-11.76
5925	285	-7.93	-10.49	-14.46	-5.81	-1.22	-2.39	-5.33	-1.95	-4.84	-12.11	-8.68	-9.95	-9.95
5925	300	-5.32	-17.86	-8.7	-7.76	-7.79	-2.11	-6.45	-4.82	-9.88	-10.1	-5.18	-14.57	-14.57
5925	315	-4.07	-10.54	-9.98	-5.7	-1.29	-1.86	-0.52	-8.52	-5.82	-8.56	-6.95	-12.05	-12.05
5925	330	-7.31	-11.55	-14.52	-4.48	-2.13	-3.7	1.53	-1.29	-5.74	-6.58	-8.8	-9.96	-9.96
5925	345	-6.38	-7.69	-12.47	-1.44	0.88	-6.3	-1.68	-4	-2.99	-5.43	-12.06	-7.33	-7.33
5925	360	-5.65	-6.81	-6.58	-0.45	0.15	-1.84	0.47	-2.13	-2.25	-6.73	-13.03	-17.5	-17.5
6525	0	-6.12	-2.38	-2.7	-2.31	0.58	-8.51	-9.58	-6.85	-9.76	-15.77	-6.65	-11.12	-11.12
6525	15	-5.97	-1.49	-3.1	-4.65	-0.11	-2.97	-3.84	-3.56	-6	-11.78	-9.55	-19.8	-19.8
6525	30	-8	-2.66	-1.72	-4.63	-1.85	-2.77	-2.22	-7.36	-10.37	-13.33	-7.48	-10.38	-10.38
6525	45	-7.4	-5.77	-3.52	-5.01	-0.6	-6.05	-2.66	-8.66	-4.51	-10.24	-7.07	-18.77	-18.77
6525	60	-8.56	-12.21	-5.93	-7.01	0.02	-4.2	-1.49	-4.95	-3.18	-24.8	-7.83	-13.44	-13.44
6525	75	-12.39	-15.79	-6.12	-16.82	-4.77	-6.78	-5.55	-5.3	-6.86	-7.76	-14.54	-8.84	-8.84
6525	90	-20.87	-12.96	-6.16	-10.66	-4.7	-5.43	-3.21	-2.65	-6.35	-5.5	-10.21	-10.85	-10.85
6525	105	-12.67	-13.33	-9.32	-7.18	-3.41	0.01	-2.18	-0.15	-3.85	-9.88	-9.94	-12.46	-12.46
6525	120	-11.53	-16.69	-10.84	-5.19	-1.44	-0.85	-0.02	-0.64	-2.08	-8.04	-1.77	-13.83	-13.83
6525	135	-12.06	-17.11	-6.12	-4.54	-5.19	-7.91	-5.81	-4.65	-4.8	-20	-14.16	-11.74	-11.74
6525	150	-7.9	-10.05	-9.99	-3.76	-4.54	-4.63	-6.03	-3.76	-7.27	-10.37	-12.19	-12.37	-12.37
6525	165	-9.71	-10.02	-4.82	-10.17	-11.86	-5.14	-4.39	-1.19	-3.83	-9.41	-17.51	-6.23	-6.23
6525	180	-7.69	-12.38	-9.89	-11.69	-7.75	-2.92	-4.77	-4.66	-7.18	-8.28	-13.9	-11.01	-11.01
6525	195	-6.41	-10.88	-14.31	-12.51	-11.57	-7.97	-2.15	-1.94	-8.44	-17.14	-13.21	-27.51	-27.51
6525	210	-6.38	-18.02	-8.22	-10.78	-17.02	-1.89	0.84	-2.38	-9.78	-21.61	-8.6	-20.24	-20.24
6525	225	-6.54	-19.05	-6.72	-7.62	-10.15	-8.5	-0.45	-2.21	-10.1	-10.71	-14.15	-16.32	-16.32
6525	240	-20.39	-18.73	-6.47	-7.01	-10.3	-5.27	-3.15	-1.98	-14.84	-15.11	-18.17	-14.45	-14.45
6525	255	-10.55	-20.15	-15.58	-10.09	-5.93	0.15	-0.06	1.71	-5.67	-16.23	-13.67	-13.32	-13.32
6525	270	-16.05	-5.93	-8.28	-12.24	-0.55	-2.32	-1.78	-3.58	-4.25	-17.04	-13.93	-17.32	-17.32
6525	285	-22.48	-5.35	-8.57	-6.08	-2.31	-1.47	-3.82	-5.14	-7.53	-7.34	-9.01	-11.48	-11.48
6525	300	-11.11	-5.04	-4.45	-5.12	-4.4	0.41	-0.33	-0.46	-13.31	-6.9	-9.84	-12.83	-12.83
6525	315	-10.99	-5.63	-1.89	-3.04	-0.65	-2.52	-0.68	-2.15	-10.56	-9.62	-13.67	-16.88	-16.88
6525	330	-9.47	-4.45	-0.62	-6.43	-0.88	-3.56	-3.2	-3.17	-4.08	-7.51	-9.22	-13.1	-13.1
6525	345	-6.81	-1.55	-1.47	-2.03	0.63	-3.53	-4.81	-7.25	-11.38	-9.15	-19.74	-16.45	-16.45
6525	360	-6.12	-2.38	-2.7	-2.31	0.58	-8.51	-9.58	-6.85	-9.76	-15.77	-6.65	-11.12	-11.12
7125	0	-14.95	-9.33	-6.32	-7.46	-3.41	-5.82	-7.32	-17.12	-10.18	-10.39	-8.35	-16.64	-16.64
7125	15	-11.86	-5.5	-6.78	-8.05	-2.52	-7.92	-2.79	-5.64	-5.88	-16.38	-23.19	-19.36	-19.36
7125	30	-13.24	-7.35	-7.59	-17.56	-6.34	-9.05	-10.48	-17.21	-12.99	-9.38	-25.89	-18.24	-18.24
7125	45	-30	-9.5	-10.39	-5.64	-1.46	-6.33	-3.87	-6.47	-3.54	-13.65	-21.88	-36.01	-36.01
7125	60	-34.58	-11.28	-9.97	-6.42	-4.82	-7.2	-4.1	-6.8	-6.57	-9.77	-20.6	-17.16	-17.16
7125	75	-18.07	-8.51	-8.54	-8.99	-12.13	-1.12	-3.54	-2.72	-8.8	-11.15	-14.83	-21.9	-21.9
7125	90	-15.39	-10.1	-11.07	-8.86	-9.32	-2.14	-7.24	-0.73	-4.52	-8.6	-8.16	-17.69	-17.69
7125	105	-15.54	-14.77	-10.92	-11.28	-4.81	-8.41	-5.13	-2.46	-1.23	-1.24	-5.86	-10.76	-10.76
7125	120	-10.93	-12.91	-8.85	-10.46	-2.53	-7.89	-4.56	-1.68	0	-3.62	-4.87	-9.15	-9.15
7125	135	-11.23	-14.43	-19.39	-7.25	-3.07	-4.65	-15.21	-9	-5.46	-8.07	-10.1	-16.33	-16.33
7125	150	-9.13	-14.96	-7.54	-7.85	-8.87	-5.58	-6.07	-7.26	-7.16	-10.72	-9.98	-13.07	-13.07
7125	165	-9.57	-8.47	-11.08	-20.83	-12.73	-17.71	-10.76	-4.46	-5.98	-15.36	-20.36	-3.79	-3.79
7125	180	-15.79	-8.32	-9.72	-13.86	-18.69	-8.14	-5.68	-6.2	-4.72	-15.4	-19.15	-6.82	-6.82
7125	195	-12.09	-10.38	-10.36	-9.46	-12.34	-26.26	-3.78	-5.83	-9.34	-17.66	-22.12	-11.75	-11.75
7125	210	-17.62	-28.44	-13.78	-14.3	-17.14	-10.02	-2.27	-1.37	-9.11	-13.87	-10.21	-12.7	-12.7
7125	225	-19.26	-11.68	-15.67	-4.43	-7	-10.61	-6.57	-6.19	-16.72	-14.02	-15.37	-23.91	-23.91
7125	240	-20.61	-17.16	-10.76	-5.1	-9.32	-4.98	0.65	-2.65	-5.14	-8.3	-6.64	-12.63	-12.63
7125	255	-22.59	-14.39	-12.66	-8	-11.83	-1.98	0.44	-1.01	-2.39	-6.04	-8.63	-18.21	-18.21
7125	270	-14.93	-20.33	-9.69	-10.87	-14.17	-2.25	-1.96	-0.95	-4.46	-9.56	-10.13	-16.57	-16.57
7125	285	-17.17	-21.49	-6.74	-9.18	-3.06	-2.23	-3.22	-3.25	-16.02	-23.42	-12.87	-14.04	-14.04
7125	300	-11.98	-12.48	-6.41	-6.86	-4.4	-0.6	1.51	-0.83	-6.66	-25.57	-14.68	-11.79	-11.79
7125	315	-12.73	-8.38	-6.52	-5.27	-7.02	-8.64	-7.96	-6.57	-6.23	-22.01	-25.97	-13.54	-13.54
7125	330	-11.84	-8.5	-6.02	-4.44	-1.69	-5.86	-4.42	-5.91	-5.47	-15.94	-27.62	-26.04	-26.04
7125	345	-12.81	-7.67	-7.31	-18.49	-3.36	-4.76	-3.25	-7.04	-8.41	-22.45	-24.22	-18.3	-18.3
7125	360	-14.95	-9.33	-6.32	-7.46	-3.41	-5.82	-7.32	-17.12	-10.18	-10.39	-8.35	-16.64	-16.64

Ant. Position: 6G ANT 3 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-18.88	-24.67	-9.48	-11.84	-19.39	-40.01	-7.72	-3.18	-7.8	-11.48	-15.64	-19.37	-19.37
5925	15	-13.17	-27.4	-8.99	-11.83	-18.99	-11.06	-5.38	-9.26	-6.17	-18.02	-12.46	-10.84	-10.84
5925	30	-17.03	-15.8	-6.36	-14.05	-24.28	-16.58	-14.49	-22.44	-14.47	-13.92	-8.21	-8.49	-8.49
5925	45	-13.11	-11.28	-6.73	-18.5	-16.89	-9.28	-13.35	-13.31	-10.21	-11.52	-7.35	-8.91	-8.91
5925	60	-7.77	-7.8	-6.83	-11.63	-17.42	-9.76	-14.28	-12.79	-17.5	-13.97	-10.31	-6.14	-6.14
5925	75	-8.81	-8.07	-10.99	-16.96	-14.68	-13.57	-12.2	-16.13	-13.17	-12.41	-9.6	-6.93	-6.93
5925	90	-7.24	-9.59	-15.71	-28.38	-18.69	-17.75	-11	-14.39	-24.83	-15.1	-10.52	-4.09	-4.09
5925	105	-8.92	-9.31	-22.78	-16.25	-16.01	-18.93	-13.34	-11.21	-12.96	-9.84	-12.45	-9.78	-9.78
5925	120	-7.51	-19.07	-16.81	-15.58	-26.24	-15.72	-24.89	-19.6	-13.1	-6.75	-12.23	-10.25	-10.25
5925	135	-9.03	-16.96	-13.49	-20.52	-16.21	-15.65	-13.47	-19.45	-18.24	-7.63	-8.84	-12.04	-12.04
5925	150	-9.3	-12.12	-16.07	-20.58	-15.74	-21.76	-14.43	-11.2	-15.18	-9.27	-12.18	-7.1	-7.1
5925	165	-16.45	-14.37	-17.06	-20.95	-13.5	-25.69	-11.18	-12.92	-16.7	-18.72	-15.37	-3.7	-3.7
5925	180	-16.54	-28.6	-12.65	-22.16	-19.75	-20.46	-18.79	-9.86	-8.9	-17.42	-13.84	-10.02	-10.02
5925	195	-16.1	-16.25	-9.91	-13.99	-22.37	-20.27	-21.54	-18.6	-12.34	-15.89	-23.26	-5.46	-5.46
5925	210	-14.08	-18.45	-9.69	-10.34	-18.88	-11.34	-15.83	-17.88	-21.36	-9.03	-16.01	-22.72	-22.72
5925	225	-13.29	-18.06	-11.64	-10.66	-8.72	-12.99	-9.51	-12.94	-20.93	-6.15	-4.94	-3.19	-3.19
5925	240	-8.54	-17.9	-18.41	-24.64	-8.23	-10.73	-7.81	-13.3	-6.37	-13.78	-4.12	-5.25	-5.25
5925	255	-11.72	-16.4	-18.95	-11.12	-7.67	-13.62	-11.4	-9.88	-7.76	-10.34	-1.31	-3.86	-3.86
5925	270	-10.35	-12.1	-24.12	-11.99	-8.98	-25.65	-12.11	-9.81	-7.82	-16.06	-1.15	-4.26	-4.26
5925	285	-8.49	-7.93	-16.07	-19.57	-4.51	-16.47	-13.64	-10.47	-4.76	-7.69	-2.59	-3.74	-3.74
5925	300	-10.52	-9.78	-11.48	-19.91	-4.61	-6.49	-8.91	-12.26	-2.33	-6.28	-5.89	-10.46	-10.46
5925	315	-11.2	-8.55	-14.78	-14.28	-4.29	-6.46	-5.23	-4.96	-1.28	-3.76	-5.71	-6.38	-6.38
5925	330	-16.14	-10.88	-10.39	-8.94	-12.11	-7.29	-16.22	-8.53	-20.32	-5.02	-10.94	-15.76	-15.76
5925	345	-13.96	-15.9	-14.15	-9.09	-10.59	-15.78	-11.53	-8.22	-7.73	-17.27	-10.92	-12.13	-12.13
5925	360	-18.88	-24.67	-9.48	-11.84	-19.39	-40.01	-7.72	-3.18	-7.8	-11.48	-15.64	-19.37	-19.37
6525	0	-17.47	-15.39	-24.23	-18.94	-17.19	-16.54	-11.22	-6.41	-13.45	-21.75	-17.02	-17.81	-17.81
6525	15	-12.26	-14.84	-10.69	-21.78	-17.27	-14.24	-14.21	-8.2	-21.37	-17.74	-17.14	-22.53	-22.53
6525	30	-13.46	-14.55	-11.51	-27.24	-13.86	-24.02	-18.47	-21.12	-23.91	-15.47	-8.51	-11.84	-11.84
6525	45	-13.92	-15.04	-10.71	-19.97	-18.04	-15.42	-13.41	-18.01	-15.06	-13.37	-13.74	-8.26	-8.26
6525	60	-15.17	-19.21	-13.57	-12.77	-19.96	-14.06	-13.41	-14.88	-9.18	-18.21	-14.52	-10.66	-10.66
6525	75	-16.43	-19.16	-22.38	-15.52	-13.04	-19.34	-14.63	-19.64	-17.17	-15.4	-20.31	-7.27	-7.27
6525	90	-18.41	-25.45	-17.24	-17.97	-14.77	-10.94	-9.11	-10.92	-16.84	-15.68	-18.62	-9.75	-9.75
6525	105	-17.24	-16.13	-24.07	-17.8	-11.99	-12.66	-8.69	-13.2	-16.98	-13.79	-11.8	-11.37	-11.37
6525	120	-19.4	-9.29	-21.08	-21.12	-10.8	-17.08	-17.59	-22.47	-10.48	-10.94	-10.4	-12.82	-12.82
6525	135	-18.85	-13.47	-16.08	-28.76	-11.14	-9.12	-10	-28.65	-12.11	-12.74	-13.46	-15.88	-15.88
6525	150	-16.01	-12.54	-20.1	-25.61	-18.46	-13.37	-11.62	-14.95	-13.4	-23.49	-16.08	-19.96	-19.96
6525	165	-13.89	-18.14	-16.09	-15.2	-15.97	-7.95	-13.02	-11.09	-14.9	-23.77	-24.73	-6.69	-6.69
6525	180	-15.76	-12.04	-18.61	-14.48	-13.89	-13.57	-17.69	-16.19	-24.67	-20.88	-40.49	-8.74	-8.74
6525	195	-17.25	-17.19	-25.58	-19.73	-29.85	-9.72	-10.97	-18.06	-15.53	-13.74	-16.08	-13.28	-13.28
6525	210	-16.13	-16.1	-13.58	-24.69	-18.42	-17	-20.65	-28.4	-17.22	-11.46	-19.64	-15.56	-15.56
6525	225	-18.45	-24.89	-24.12	-18.35	-27.67	-20.03	-15.25	-26.85	-13.68	-14.2	-11.55	-5.58	-5.58
6525	240	-14.06	-17.71	-25.15	-26.12	-16.02	-19.05	-15.16	-14.06	-16.43	-12.14	-7.67	-6.22	-6.22
6525	255	-16.67	-15.36	-22.28	-13.4	-13.83	-12.93	-17.87	-22.9	-12.06	-13.89	-5.82	-9.98	-9.98
6525	270	-17.36	-30.67	-21.64	-14.96	-9.95	-8.55	-7.87	-18.33	-14.16	-12.62	-6.25	-7.17	-7.17
6525	285	-16.21	-29.44	-12.27	-16.01	-5.84	-30.18	-12.94	-13.36	-9.89	-10.53	-14.22	-8.24	-8.24
6525	300	-31.33	-22.38	-9.86	-16.43	-8.84	-8.5	-17.85	-17.7	-5.81	-3.7	-6.13	-8.56	-8.56
6525	315	-20.9	-34.6	-10.09	-30.37	-14.88	-6.54	-12.03	-13.78	-8.07	-3.97	-5.24	-10.65	-10.65
6525	330	-18.06	-20.6	-9.17	-26.38	-16.61	-12.94	-7.35	-15.19	-6.75	-7.96	-9.04	-21.41	-21.41
6525	345	-19.96	-14.28	-10.32	-24.95	-15.69	-24.79	-17.49	-11.95	-19.08	-23.71	-25.69	-16.77	-16.77
6525	360	-17.47	-15.39	-24.23	-18.94	-17.19	-16.54	-11.22	-6.41	-13.45	-21.75	-17.02	-17.81	-17.81
7125	0	-7.64	-8.52	-10.31	-13.36	-12.42	-12.12	-16.78	-6.7	-10.91	-18.46	-17.62	-27.6	-27.6
7125	15	-9.03	-6.56	-16.94	-7.62	-11.48	-10.47	-11.45	-6.89	-15.35	-14.67	-13.82	-14.38	-14.38
7125	30	-7.54	-4.76	-12.77	-12.32	-16.85	-11.99	-7.23	-14.13	-15.2	-15	-12.66	-21.18	-21.18
7125	45	-4.06	-6.14	-20.16	-19.87	-17.27	-13.86	-16.39	-16.7	-18.14	-11.42	-15.56	-14.21	-14.21
7125	60	-6.41	-4	-13.36	-23.98	-18.25	-13.39	-15.05	-8.92	-11.41	-23.09	-12.78	-16.26	-16.26
7125	75	-11.25	-5.39	-10.64	-9.92	-18.66	-14.81	-19.57	-11.64	-22.81	-12.29	-18.23	-20.2	-20.2
7125	90	-8.71	-6.52	-15.25	-14.41	-13.39	-12.73	-25.54	-18.13	-23.15	-9.41	-15.51	-14.69	-14.69
7125	105	-10.54	-10.58	-27.39	-19.15	-13.57	-17.6	-18.82	-22.43	-12.77	-31.92	-9.61	-15.41	-15.41
7125	120	-11.63	-10.86	-13.8	-17.7	-17.37	-14.78	-17.86	-11.87	-21	-14.77	-12.76	-31.82	-31.82
7125	135	-12	-9.44	-14.15	-21.24	-18.8	-22.69	-11.27	-7.85	-18.17	-10.76	-13.57	-20.75	-20.75
7125	150	-15.39	-13.52	-12.55	-22.79	-23.02	-20.18	-14.63	-13.23	-13.53	-28.6	-11.77	-15.14	-15.14
7125	165	-8.58	-19.56	-10.49	-26.05	-33.12	-20.11	-12.03	-18.77	-16.54	-20.28	-14.96	-6.14	-6.14
7125	180	-10.53	-16.09	-16.65	-14.8	-20.78	-13.81	-14.39	-15.44	-18.29	-21.16	-20	-5.81	-5.81
7125	195	-7.54	-10.52	-20.26	-12.63	-18.24	-16.87	-17.48	-19.78	-15.95	-13.35	-22.91	-19.16	-19.16
7125	210	-6.64	-12.04	-16.9	-11.02	-19.72	-20.45	-14.47	-13.43	-12.79	-15.74	-21.7	-14.25	-14.25
7125	225	-8.87	-8.56	-15.04	-15.27	-14.89	-12.03	-16.84	-21.09	-22.97	-15.29	-13.06	-4.95	-4.95
7125	240	-6.07	-10.29	-16.33	-21.48	-14.77	-12.57	-25.24	-19.75	-18.52	-23.86	-9.09	-5.59	-5.59
7125	255	-4.27	-15.28	-12.64	-27.41	-25.12	-15.47	-16.02	-22.88	-7.43	-14.72	-6.57	-3.81	-3.81
7125	270	-8.41	-13.45	-31.83	-9.03	-22.77	-10.07	-12.61	-9.04	-5.22	-13.34	-4.83	-4.74	-4.74
7125	285	-9.17	-12.19	-16.68	-10.23	-20.27	-9.72	-13.15	-7.83	-10.48	-14.72	-15.1	-7.1	-7.1
7125	300	-19.78	-12.69	-19.69	-18.95	-15.08	-28.56	-14.05	-14.42	-13.41	-8.71	-6.38	-8.05	-8.05
7125	315	-12.17	-14.98	-21.38	-10.24	-12.96	-15.55	-22.72	-18.28	-6.6	-11.68	-9.06	-17.19	-17.19
7125	330	-13.96	-12.06	-7.97	-16.15	-15.56	-12.63	-10.81	-14.44	-8.34	-6.78	-11.34	-26.92	-26.92
7125	345	-14.01	-11.38	-13.91	-17.54	-25.2	-13.15	-15.45	-6.66	-9	-17.13	-19.68	-11.45	-11.45
7125	360	-7.64	-8.52	-10.31	-13.36	-12.42	-12.12	-16.78	-6.7	-10.91	-18.46	-17.62	-27.6	-27.6

Ant. Position: 6G ANT 3 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-10.37	-3.35	-11.14	-0.16	-6.54	-3.88	-4.61	-1.67	-11.45	-6.51	-2.16	-6.03	-6.03
5925	15	-8.5	-2.53	-11.74	-3.79	-14.28	-8.3	-2.52	1.43	-5.83	-12.46	-19.11	-14.36	-14.36
5925	30	-10.54	-3.69	-5.34	-8.59	-9.12	-5.43	-2.22	-7.56	-15.66	-8.6	-3.49	-6.66	-6.66
5925	45	-11.22	-4.03	-4.83	-6.26	-4.7	-6.69	-5.26	-9.28	-12.1	-11.44	-8.54	-15.18	-15.18
5925	60	-16.15	-9.43	-5.63	-4.36	-2.39	-2.78	-0.45	-4.21	-3.56	-6.55	-14.12	-8.77	-8.77
5925	75	-13.98	-8.67	-5.73	-3.66	-5.87	-4.26	0.24	-1.44	-4.17	-11.38	-11.31	-5.71	-5.71
5925	90	-18.9	-12.23	-4.16	-4.89	-5.83	-3.23	-2.04	-0.17	-2.45	-12.67	-7.97	-4.75	-4.75
5925	105	-13.19	-8.68	-3.27	-6.02	-4.19	-4.64	-2.15	-4.29	-7.24	-14.37	-11.12	-2.32	-2.32
5925	120	-17.05	-10.05	-4.29	-7.27	-1.09	-2.77	0.69	-1.91	-2.37	-12.51	-9.87	-6.41	-6.41
5925	135	-13.13	-16.1	-3.4	-3.57	-3.63	-4.79	-3.03	-3.71	-5.79	-10.48	-7.4	-10.57	-10.57
5925	150	-7.79	-22.72	-4.22	0.7	-1.77	-1.15	-3.43	-3.68	-5.01	-16.92	-15.97	-17.8	-17.8
5925	165	-8.83	-16	-5.7	-2.91	-2.95	-1.63	-1.55	-6.01	-2.84	-9.14	-27.59	-4.49	-4.49
5925	180	-7.26	-11.52	-4.16	-2.28	-2.76	-3.87	-3.68	-6.01	-6.61	-8.03	-18.91	-9.88	-9.88
5925	195	-8.93	-9.87	-4.87	-3.53	-2.18	0.08	-0.76	-4.48	-3.39	-6.23	-8.08	-11.6	-11.6
5925	210	-7.52	-8.96	-3.68	-0.86	-2.82	-2.73	-3.32	-4.74	-13.47	-4.33	-11.2	-10.26	-10.26
5925	225	-9.04	-13.59	-3.41	-2.92	-4.27	-4.03	-0.68	-5.97	-13.71	-7.04	-2.67	-3.55	-3.55
5925	240	-9.31	-13.58	-4.61	-1.72	-2.95	-5.07	0.32	-0.55	-6.68	-9.39	0.41	-3.66	-3.66
5925	255	-16.47	-15.93	-7.31	-3.58	-2.71	-10	-4.03	-0.23	-0.89	-11.46	-1.82	-7.58	-7.58
5925	270	-16.56	-19.94	-6.33	-1.25	1.78	-19.38	-2.9	-7.73	1.84	-7.12	-0.26	-9.96	-9.96
5925	285	-16.12	-7.12	-6.57	-1.75	0.54	-0.2	0.5	-7.44	-2.39	-7.14	0.44	-4.21	-4.21
5925	300	-14.1	-8.1	-6.12	-0.02	-2.58	-1.68	-6.08	-4.21	-9.73	-3.02	-2.4	-3.43	-3.43
5925	315	-13.31	-4.44	-8.77	0.75	-4.91	-1.89	-4	-7.19	-3.1	-4.02	-1.77	-4.47	-4.47
5925	330	-8.56	-3.73	-13.44	0.96	-3.64	-5.04	-10.47	-8.65	-4.21	-7.36	-0.1	-4.52	-4.52
5925	345	-11.74	-2.9	-8.26	0.14	-3.58	-10.07	-3.97	-15.58	-4.24	-6.93	-20.01	-4.46	-4.46
5925	360	-10.37	-3.35	-11.14	-0.16	-6.54	-3.88	-4.61	-1.67	-11.45	-6.51	-2.16	-6.03	-6.03
6525	0	-17.24	-34.08	-5.05	-18.38	-4.48	-2.95	-6.29	-18.07	-20.25	-8.45	-8.7	-5.04	-5.04
6525	15	-16.09	-20.6	-4.6	-14.79	-6.18	-4.32	-11.52	-10.23	-24.84	-9.12	-12.99	-9.31	-9.31
6525	30	-31.22	-15.37	-6.56	-7.83	-5	-2.6	-0.78	-3.46	-6.6	-12.41	-7	-17.19	-17.19
6525	45	-20.79	-12.13	-8.12	-3.41	-7.55	-6.56	-5.92	-6.58	-7.1	-12.74	-8.95	-13.87	-13.87
6525	60	-17.95	-10.84	-10.12	-3.23	-13.81	-8.3	-2.48	-3.81	-10.86	-21.81	-22.39	-7.22	-7.22
6525	75	-19.84	-8.57	-15.23	-6.24	-3.81	-4.6	-1.99	-4.95	-12.65	-18.09	-11.68	-5.63	-5.63
6525	90	-17.36	-9.51	-23.7	-7.93	-0.48	-2.54	-2.78	-12.31	-8.92	-19.66	-9.56	-6.19	-6.19
6525	105	-12.14	-8.86	-14.24	-5.45	-3.68	-2.41	-6.42	-7.77	-13.24	-34.97	-15.44	-5.57	-5.57
6525	120	-13.34	-11.09	-11.9	-9.31	-4.26	-1.74	-3.75	-3.89	-4.88	-7.75	-10.7	-11.21	-11.21
6525	135	-13.8	-11.38	-7.36	-8.11	-4.52	-0.77	-1.23	-2.21	-10.17	-10.2	-15.12	-10.31	-10.31
6525	150	-15.06	-16.46	-9.04	-8.2	-5.8	-2.66	-1.96	-0.73	-3.33	-15.95	-25.82	-18.59	-18.59
6525	165	-16.32	-17.31	-9.46	-4.95	-5.47	-5.58	-3.52	-2.85	-8.2	-14.22	-32.32	-12.71	-12.71
6525	180	-18.29	-11.58	-7.91	-4.54	-5.83	-3.56	-4.9	-3.35	-5.89	-14.95	-17.13	-19.45	-19.45
6525	195	-17.12	-26.4	-11.76	-2.18	-5.06	-0.78	-3.4	-2.15	-4.15	-16.86	-23.03	-18.72	-18.72
6525	210	-19.29	-15.79	-12.35	-3.99	-8.55	-2.57	-1.19	-2.99	-2.82	-10.65	-21.13	-15.88	-15.88
6525	225	-18.73	-20.21	-16.87	-9.73	-2.44	-1.26	-3.25	-5.01	-3.46	-9.93	-13.44	-9.83	-9.83
6525	240	-15.89	-22.58	-22.39	-6.82	-1.69	-1.06	-2.82	-9	-24.93	-32.47	-6.01	-6.01	-6.01
6525	255	-13.77	-18.23	-10.32	-11.94	-4.09	-0.14	-1.88	-6.82	-19.28	-6.34	-5.1	-6.52	-6.52
6525	270	-15.65	-26.13	-11.03	-13.97	-3.06	1.66	0.04	-3.62	-4.06	-6.93	-4.61	-11.77	-11.77
6525	285	-17.14	-18.96	-19.83	-11.27	-0.89	0.38	0.87	-2.61	-2.18	-6.96	-5.27	-7.08	-7.08
6525	300	-16.01	-13.76	-11.61	-8.92	0.7	-5.15	-0.49	-3.76	-6.5	-9.51	-4.61	-5.18	-5.18
6525	315	-18.34	-18.58	-5.22	-14.04	-1.86	-3.02	-10.63	-3.19	-8.89	-5.1	-4.01	-6.17	-6.17
6525	330	-13.94	-21.01	-6.18	-5.84	-5.41	-3.59	-2.55	-5.27	-12.72	-15.67	-0.63	-4.73	-4.73
6525	345	-16.56	-17.23	-6.13	-7.31	-9.25	-1.23	-1.33	-3.92	-24.55	-20.53	-13.22	-8.33	-8.33
6525	360	-17.24	-34.08	-5.05	-18.38	-4.48	-2.95	-6.29	-18.07	-20.25	-8.45	-8.7	-5.04	-5.04
7125	0	-8.43	-5.66	-7.65	-2.49	-3.22	-2.76	-4.03	-5.63	-23.12	-10.63	-12.35	-6.94	-6.94
7125	15	-9.2	-5.55	-7.27	-2.26	-5.65	-19.58	-3.88	-6.07	-10.25	-12.5	-13.77	-5.76	-5.76
7125	30	-19.81	-7.38	-7.04	-2.7	-16.68	-7.04	0.31	0.52	-5.02	-16.13	-10.58	-13.11	-13.11
7125	45	-12.2	-5.6	-3.87	-3.63	-7.94	-5.29	-5.03	-7.88	-8.1	-13.34	-11.53	-15.32	-15.32
7125	60	-13.99	-9.81	-3.26	-2.46	-6.93	-4.93	-3.85	-4.74	-8.14	-7.96	-25.43	-6.13	-6.13
7125	75	-14.03	-11.73	-3.51	-3.46	-9.68	-2.17	-1.07	-0.18	-5.86	-11.04	-10.71	-3.15	-3.15
7125	90	-7.67	-16.2	-4.92	-4.6	-6.59	1.24	-0.82	-2.72	-7.9	-13.09	-7	-3	-3
7125	105	-9.05	-16.77	-5.62	-4.25	-2.28	0.5	0.46	-4.96	-12.22	-12.37	-11.17	-3.97	-3.97
7125	120	-7.57	-24.71	-6.4	-3.5	-7.42	-2.46	-1.96	-2.71	-6.55	-18.05	-12.37	-9.3	-9.3
7125	135	-4.08	-22.22	-2.6	-3.11	-3.84	-5.64	-4.8	-3.4	-3.29	-34.11	-11.35	-15.37	-15.37
7125	150	-6.44	-28.63	-8.57	-3.35	-4.36	-1.81	-2.78	-2.91	-6.86	-9.49	-14.99	-22.66	-22.66
7125	165	-11.28	-11.97	-7.3	-4.56	-4.97	-4.76	-9.21	-9.21	-9.71	-17.76	-25.69	-14.5	-14.5
7125	180	-8.74	-13.62	-6.11	-11.43	-1.34	-2	-4.22	-6.64	-7.7	-14.93	-18.72	-13.89	-13.89
7125	195	-10.57	-8.19	-5.67	-13.47	-2.03	-0.63	-1.8	-1.19	-1.81	-10.7	-17.89	-19.54	-19.54
7125	210	-11.66	-6.89	-3.65	-19.84	-2.43	-8.7	-16.85	-7.48	-2.32	-7.4	-16.13	-15.87	-15.87
7125	225	-12.03	-7.87	-2.28	-9.24	-3.79	-2.77	-5.3	-5.1	-4.67	-9.18	-11.64	-19.11	-19.11
7125	240	-15.41	-5.86	-3.16	-4.18	-2.74	-3.29	-3.15	-5.16	-4	-9.08	-5.47	-6.02	-6.02
7125	255	-8.61	-9.01	-3.44	-3.59	-1.69	-0.37	1.16	-5.25	-12.01	-2.83	-6.87	-3.36	-3.36
7125	270	-10.56	-6.54	-2.32	-0.6	-4.56	-5.73	-6.03	-4.6	-3.27	-5.59	-6.24	-9.27	-9.27
7125	285	-7.56	-5.56	-4.53	-2.38	-8.15	-2.68	-15	-12.08	-2.83	-18.51	-6.17	-7.1	-7.1
7125	300	-6.67	-4.01	-7.72	-4.02	-4.67	0.21	-2.23	-7.07	-6.14	-9.62	-5.21	-5.73	-5.73
7125	315	-8.9	-2.91	-8.89	-2.47	-5.18	-9.64	-6.62	-15.09	-10.51	-7.79	-4.74	-10.16	-10.16
7125	330	-6.1	-6.05	-16.56	-2.13	-2.04	-6.41	-6.62	-4.09	-3.96	-12.93	-8.23	-8.31	-8.31
7125	345	-4.3	-3.92	-6.04	-2.63	-3.11	-5.11	-3.86	-4.85	-2.67	-19.84	-13.1	-14.47	-14.47
7125	360	-8.43	-5.66	-7.65	-2.49	-3.22	-2.76	-4.03	-5.63	-23.12	-10.63	-12.35	-6.94	-6.94

Ant. Position: 6G ANT 4 GAIN PHI

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-10.13	-10.95	-4.34	-13.73	-18.4	-9.06	-7	-6.53	-12.23	-8.26	-20.09	-5.3	-5.3
5925	15	-13.89	-29.5	-7.89	-13.01	-16.79	-8.23	-8.37	-2.43	-16.44	-6.52	-12.91	-1.87	-1.87
5925	30	-13.28	-24.33	-12.02	-13.6	-19.77	-8.35	-3.6	-6.51	-4.45	-10.01	-2.42	-7.16	-7.16
5925	45	-17.02	-15.21	-16.6	-15.31	-13.42	-7.86	-8.37	-6.6	-3.79	-17.48	-4.19	-2.89	-2.89
5925	60	-13.37	-12.44	-6.26	-15.4	-7.46	-5.31	-5.22	-0.32	-11.67	-13.8	-9.21	-5.2	-5.2
5925	75	-26.58	-7.86	-6.94	-8.75	-6.85	-4.68	-8.16	-5.61	-2.32	-9.7	-8.47	-4.57	-4.57
5925	90	-15.92	-8.14	-7.81	-10.4	-6.67	-13.55	-2.29	1.31	-1.03	-23.83	-18.25	-4.89	-4.89
5925	105	-11.87	-8.75	-11.27	-13.54	-4.3	-19.66	-8.08	-2.73	-2.56	-10.61	-17.79	-3.05	-3.05
5925	120	-7.66	-8.97	-17.04	-16.74	-10.71	-25.97	-6.5	-2.65	-12.81	-8.88	-9.18	-8.34	-8.34
5925	135	-10.8	-7.54	-12.55	-23.33	-11.17	-15.99	-10.19	-3.21	-25.87	-18.87	-12.41	-11.12	-11.12
5925	150	-9.79	-6.85	-11.69	-19.31	-15.14	-6.56	-14.92	-1.95	-13.07	-11.22	-15.22	-6.08	-6.08
5925	165	-10.38	-7.93	-14.7	-22.3	-17.4	-6.4	-8.64	-7.69	-3.04	-16.18	-18.78	-2.41	-2.41
5925	180	-11.48	-14.29	-24.24	-50.67	-13.42	-14.34	-8.28	-17.84	-8.42	-10.89	-30.16	-13.18	-13.18
5925	195	-15.47	-23.85	-18.34	-15.57	-11.99	-11.11	-12.31	-14.93	-33.09	-7.77	-24.92	-5.67	-5.67
5925	210	-12.37	-16.94	-18.94	-16.6	-8.76	-13.32	-16.89	-13.46	-15.3	-8.61	-12.87	-26.32	-26.32
5925	225	-11.56	-21.1	-31.32	-14.91	-15.8	-10.56	-13.8	-18.62	-17.01	-10.18	-12.94	-20.56	-20.56
5925	240	-14.92	-20.59	-13.85	-17.68	-13.39	-12.79	-19.53	-14.32	-13.81	-8.47	-33.06	-12.72	-12.72
5925	255	-18.53	-47.95	-15.51	-22.54	-18.41	-14	-14.58	-12.37	-17.79	-9.87	-9.06	-9.46	-9.46
5925	270	-13.67	-14.14	-17.96	-25.2	-22.43	-17.63	-14.33	-17.6	-14.83	-18.2	-14.41	-7.8	-7.8
5925	285	-11.4	-16.19	-23.49	-17.48	-14.98	-10.65	-18.35	-15.1	-14.43	-24.24	-15.47	-6.36	-6.36
5925	300	-9.76	-10.89	-12.03	-24.03	-19.24	-8.02	-13.15	-9.83	-14.2	-16.97	-4.79	-5.61	-5.61
5925	315	-9.4	-15.25	-9.81	-6.51	-18.26	-15.48	-5.93	-7.49	-15.86	-7.32	-5.98	-9.02	-9.02
5925	330	-10.96	-7.91	-7.63	-12.6	-16.76	-7.17	-10.97	-13.27	-11.63	-7.47	-18.66	-6.13	-6.13
5925	345	-10.25	-10.12	-4.21	-9.58	-28.44	-9.64	-6.95	-8.3	-10.06	-17.1	-11.89	-16.99	-16.99
5925	360	-10.13	-10.95	-4.34	-13.73	-18.4	-9.06	-7	-6.53	-12.23	-8.26	-20.09	-5.3	-5.3
6525	0	-7.73	-18.95	-12.52	-9.52	-14.27	-13.12	-32.27	-14.92	-14.96	-24.92	-19	-6.91	-6.91
6525	15	-9.36	-17.74	-12.54	-23.27	-29.02	-30.26	-23.43	-14.74	-10.77	-10.09	-26.25	-9.98	-9.98
6525	30	-5.62	-26.75	-11.08	-16.85	-11.7	-22.71	-17.71	-9.98	-13.15	-8.39	-18.31	-12.17	-12.17
6525	45	-9.18	-11.01	-15.58	-10.31	-13.38	-15.48	-12.36	-18.42	-13.75	-19.6	-21.05	-13.47	-13.47
6525	60	-9.32	-11.12	-13.57	-22.31	-14.23	-11.73	-16.47	-18.09	-14.76	-14.18	-25.37	-8.57	-8.57
6525	75	-18.63	-8.47	-19.52	-24.63	-6.43	-33.54	-12.88	-10.45	-17.1	-15.17	-27.22	-6.95	-6.95
6525	90	-15.34	-13	-21.69	-24.09	-4.6	-17.65	-17.46	-7.1	-7.71	-36.46	-15.8	-12.26	-12.26
6525	105	-10.49	-11.2	-17.83	-14.67	-9.89	-16.82	-10.19	-23.37	-14.61	-16.39	-22.27	-17.54	-17.54
6525	120	-14.13	-13.21	-11.92	-11.86	-14.15	-11.45	-9.38	-13.16	-8.61	-20.9	-31.51	-16.84	-16.84
6525	135	-6.4	-7.84	-11.98	-19.68	-37.89	-14.68	-18.46	-9.22	-14.5	-28.56	-18.02	-15.23	-15.23
6525	150	-6.68	-5.2	-10.61	-16.45	-15.46	-15.7	-14.39	-15.93	-11.57	-18.51	-13.66	-21.42	-21.42
6525	165	-7.91	-8.31	-9.5	-8.04	-21.22	-26.79	-18.18	-22.7	-15.25	-15.1	-25.28	-19.76	-19.76
6525	180	-7.29	-7.25	-8.54	-11.94	-19.76	-23.45	-23.6	-20.9	-19.21	-13.46	-14.26	-13.97	-13.97
6525	195	-11.81	-9.34	-10.79	-16.64	-17.95	-24.17	-17.26	-18.51	-33.85	-10.73	-18.02	-12.45	-12.45
6525	210	-8.16	-9.16	-17.15	-23.36	-12.7	-17.89	-14.88	-12.26	-26.67	-7.6	-12.18	-25.29	-25.29
6525	225	-13.67	-12.14	-17.45	-23.52	-15.04	-15.76	-11.42	-26.76	-13.04	-8.98	-15.79	-27.84	-27.84
6525	240	-16.66	-18.01	-10.35	-17.12	-22.64	-22.32	-16.1	-24.76	-18.39	-13.76	-15.14	-14.34	-14.34
6525	255	-20.16	-15.43	-15.3	-12.93	-15.28	-15.76	-14.47	-12.13	-21.43	-16.42	-14.77	-19.36	-19.36
6525	270	-15.44	-35.13	-21.68	-17.79	-15.24	-16.44	-17.93	-12.82	-20.86	-14.6	-13.14	-12.16	-12.16
6525	285	-11.75	-18.19	-30.8	-16.55	-14.64	-17.02	-24.93	-20.84	-23.91	-14.48	-18.23	-15.02	-15.02
6525	300	-11.45	-12.77	-19.73	-14.9	-17.75	-21.65	-17.41	-26.48	-12.5	-13.6	-18.15	-12.32	-12.32
6525	315	-10.78	-14.38	-21.76	-14.28	-11.31	-18.03	-29.73	-19.41	-9.84	-13.8	-13.04	-11.45	-11.45
6525	330	-6.95	-10.94	-16.2	-7.31	-15.16	-7.76	-15.08	-25.12	-12.41	-17.15	-16.33	-8.66	-8.66
6525	345	-6.39	-10.51	-18.09	-8.04	-12.74	-7.34	-26.36	-14.58	-17.59	-22.83	-12.03	-20.88	-20.88
6525	360	-7.73	-18.95	-12.52	-9.52	-14.27	-13.12	-32.27	-14.92	-14.96	-24.92	-19	-6.91	-6.91
7125	0	-11.78	-18.59	-16.56	-21.16	-22.57	-19.64	-17.21	-16.32	-13.53	-19.39	-14.03	-15.93	-15.93
7125	15	-18.51	-15.62	-12.82	-22.49	-12.07	-12.91	-11.76	-18.29	-27.84	-27.06	-21.69	-19.69	-19.69
7125	30	-16.51	-14.97	-11.46	-12.8	-13.66	-14.79	-12.54	-18.91	-10.85	-19.5	-15.39	-13.64	-13.64
7125	45	-14.66	-16.89	-10.05	-26.62	-14.85	-20.34	-20.59	-16.57	-10.55	-24.33	-12.57	-25.59	-25.59
7125	60	-34.28	-19.96	-20.23	-22.64	-20.04	-23.41	-16.2	-10	-13.21	-16.75	-17.01	-21.2	-21.2
7125	75	-30.04	-18.74	-11.18	-15.03	-15.26	-18.69	-19.59	-11.91	-13.57	-15.37	-25.7	-27.6	-27.6
7125	90	-21.25	-31.51	-19.02	-33.67	-23.85	-26.42	-11.74	-19.28	-15.97	-11.09	-26.27	-18.58	-18.58
7125	105	-17.09	-42.76	-12	-14.84	-24.23	-24.26	-23.37	-10.58	-14.93	-15.6	-14.48	-24.12	-24.12
7125	120	-18.47	-43.37	-7.97	-23.68	-14.23	-16.58	-18.88	-16.46	-44.22	-15.2	-23.46	-19.27	-19.27
7125	135	-12.75	-19.28	-15.41	-22.4	-15.59	-19.15	-25	-18.09	-37.5	-26.37	-20.21	-28.54	-28.54
7125	150	-17.38	-14.41	-11.55	-18.53	-10.64	-12.6	-20.34	-14.93	-19.29	-17.43	-17.28	-28.97	-28.97
7125	165	-8.46	-14.58	-14.79	-12.98	-16.66	-13.71	-17.94	-31.06	-14.04	-19.1	-24.87	-21.16	-21.16
7125	180	-11.82	-22.53	-10.94	-13.77	-11.7	-21.83	-14.52	-27.05	-15.95	-18.69	-19.03	-15.42	-15.42
7125	195	-13.65	-21.38	-9.9	-9.16	-12.83	-25.02	-18.95	-20.23	-21.56	-12.31	-19.55	-18.5	-18.5
7125	210	-16.32	-13.7	-14.58	-14.33	-20.9	-23.14	-19.83	-18.57	-20.58	-18.29	-22.92	-26.88	-26.88
7125	225	-24.56	-14.59	-14.37	-22.27	-30.3	-16.36	-19.58	-17.63	-16.39	-15.63	-15.59	-33.28	-33.28
7125	240	-18.61	-16	-13.5	-17.14	-19.63	-16.34	-31.85	-14.28	-15.26	-17.68	-18.75	-33.56	-33.56
7125	255	-16.27	-25.5	-12.93	-25.71	-34.19	-22.49	-14.93	-13.72	-26.53	-16.74	-18.52	-22.51	-22.51
7125	270	-20.39	-19.18	-21.68	-27.8	-25.75	-11.28	-17.88	-34.53	-11.81	-21.29	-14.33	-17.69	-17.69
7125	285	-21.42	-25.21	-12.26	-15.46	-14.74	-24.24	-28.07	-17.02	-22.79	-27.37	-12.52	-18.61	-18.61
7125	300	-27.38	-12.5	-19.12	-18.81	-17.63	-24.46	-22.21	-28.22	-24.25	-12.92	-23.09	-14.47	-14.47
7125	315	-22.29	-15.82	-19.42	-16.48	-24.91	-18.28	-13.65	-18.88	-23.03	-27.53	-19.93	-16.28	-16.28
7125	330	-24.89	-13.02	-25.23	-17.16	-13.5	-10.38	-17.2	-13.01	-15.31	-20.81	-13.27	-17.29	-17.29
7125	345	-12.81	-41.23	-26.33	-17.16	-14.75	-11.95	-17.02	-24.09	-16.96	-17.84	-21.33	-22.12	-22.12
7125	360	-11.78	-18.59	-16.56	-21.16	-22.57	-19.64	-17.21	-16.32	-13.53	-19.39	-14.03	-15.93	-15.93

Ant. Position: 6G ANT 4 GAIN THETA

Frequency	Phi\Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-13.69	-3.43	-4.15	-3.28	-6.45	-7.48	-8.51	-1.8	-4.55	-2.53	-2.6	1.87	1.87
5925	15	-11.42	-1.67	-4.19	-2.72	-8.5	-4.61	-10.97	-20.5	-4.95	-2.71	-4.59	-5.76	-5.76
5925	30	-9.78	-3.22	-4.55	-6.25	-11.46	-13.98	-4.08	-12.52	-10.47	-4.83	-3.04	-5.19	-5.19
5925	45	-9.42	-2.9	-2.04	-4	-15.17	-0.37	-5.52	-2.08	-6.18	-5.84	-3.45	-6.9	-6.9
5925	60	-10.97	-3.09	-1.35	-0.81	-11.77	-3.55	-1.29	-3.22	-7.19	-17.67	-1.66	-4.86	-4.86
5925	75	-10.26	-3.42	-2.63	0.21	-3.29	-1.34	-1.35	-0.63	-13.38	-11.03	-0.73	-2.38	-2.38
5925	90	-10.15	-4.67	-6.19	0.58	0.39	-4.48	-4.57	-2.39	-7.71	-10.92	-0.04	-1.99	-1.99
5925	105	-13.91	-5.83	-6.87	-1.8	0.82	-7.11	-3.72	-13.81	-10.78	-8.6	0.56	-1.21	-1.21
5925	120	-13.3	-7.92	-10.18	-4.29	1.77	-3.85	-2.9	-9.5	-11.2	-7.77	1.31	-2.17	-2.17
5925	135	-17.04	-13.21	-22.83	-5.15	-1.56	-4	-7.58	-9.1	-5.68	-7.96	0.63	-24.59	-24.59
5925	150	-13.39	-10.98	-12.55	-5.3	-0.93	-6.08	-10.42	-11.83	-8.89	-7.52	-1.15	-3.83	-3.83
5925	165	-26.6	-15.16	-10.33	-2.25	-2.75	-7.37	-9.11	-14.93	-9.25	-16.59	-12.9	-1.67	-1.67
5925	180	-15.94	-12.82	-3.83	-1.03	-6.46	-8.98	-9.33	-9.63	-7.31	-7.07	-9.97	-5.41	-5.41
5925	195	-11.89	-8.14	-2.75	-1.23	-2.24	-1.17	-5.9	-21.67	-10.64	-8.19	-13.65	-8.07	-8.07
5925	210	-7.68	-8.1	-4.88	-3.27	-2.03	-3.6	-3.13	-6.48	-9.73	-12.01	-12.99	-5.76	-5.76
5925	225	-10.82	-12.18	-7.5	-3.76	-0.99	-2.57	-6.05	-7.5	-21.77	-7.08	-18.33	-10.88	-10.88
5925	240	-9.81	-8.82	-4.8	-2.32	-3.77	-3.42	-2.67	-8.09	-9.66	-6.06	-13.61	-10.3	-10.3
5925	255	-10.4	-8.85	-7.16	-2.21	-2.28	-1.45	-3.23	-4.91	-9.28	-7.55	-13.36	-7.19	-7.19
5925	270	-11.5	-11.57	-5.37	-0.73	-2.86	0.06	-0.14	-2.12	-6.13	-5.39	-11.02	-8.09	-8.09
5925	285	-15.49	-23.82	-5.43	-2.95	-0.98	-5.03	-2.85	-4.98	-7.67	-25.31	-11.9	-15.6	-15.6
5925	300	-12.39	-13.46	-3.68	-3.55	-5.85	-3.04	-1.76	-3.94	-4.08	-13.83	-15.99	-10.97	-10.97
5925	315	-11.57	-7.83	-3.63	-3.94	-6.03	-2.42	-4.8	-9	-16.1	-9.63	-4.19	-14.57	-14.57
5925	330	-14.93	-5.93	-0.74	-2.46	-5.18	-6.07	-3.01	-15.89	-12.31	-7.34	-4.86	-0.14	-0.14
5925	345	-18.55	-3.92	-1.48	-3.5	-2.71	-7.02	-6.73	-4.79	-5.97	-1.49	-4.48	-4.44	-4.44
5925	360	-13.69	-3.43	-4.15	-3.28	-6.45	-7.48	-8.51	-1.8	-4.55	-2.53	-2.6	1.87	1.87
6525	0	-15.32	-9.13	-10.43	-2.84	-12.09	-4.86	-1.34	-4.85	-19.22	-11.41	-7.72	-11.1	-11.1
6525	15	-11.64	-10.92	-3.83	-1.89	-2.81	-2.59	-1.35	-5.92	-7.16	-7.71	-9.41	-17.57	-17.57
6525	30	-11.33	-7.35	-6.07	-2.7	-0.75	-0.84	-0.16	-1.9	-2.6	-5.51	-12.08	-10.45	-10.45
6525	45	-10.67	-7.53	-4.81	-2.06	-0.71	-0.22	-1.07	-2.21	-4.09	-14.55	-9.87	-8.14	-8.14
6525	60	-6.83	-4.47	-8.62	-5.08	-0.32	-4.71	-4.64	-4.33	-7.16	-11.89	-13.87	-7.84	-7.84
6525	75	-6.27	-9.14	-9.73	-3.04	-2.6	-0.57	-3.92	-3.25	-2.8	-2.52	-11.98	-7.53	-7.53
6525	90	-7.61	-6.83	-7.3	-3.63	0.1	-2.63	0.87	-4.65	-5.27	-2.58	-9.42	-5.53	-5.53
6525	105	-9.24	-6.73	-5.78	-6.14	-0.83	-4.36	-1.48	-3.61	-3.71	-9.64	-7.39	-5.29	-5.29
6525	120	-5.51	-3.19	-2.13	-5.64	-5.87	0.3	-1.58	-2.01	-6.07	-4.27	-7.76	-10.02	-10.02
6525	135	-9.07	-8.15	-4.21	-5.16	-3.1	-1.98	-2.9	-5.47	-7.7	-7.6	-7.5	-11.35	-11.35
6525	150	-9.2	-10.91	-6.7	-5.97	-6.42	-7.85	-3.19	-6.79	-11.05	-9.88	-12.85	-9.17	-9.17
6525	165	-18.52	-21.89	-8.35	-4.02	-3.43	-4.22	-2.01	-4.91	-3.35	-7.35	-10.24	-2.42	-2.42
6525	180	-15.22	-24.36	-13.66	-6.43	-3.42	-2.03	0.99	-1.24	-0.43	-13.19	-12.41	-14.49	-14.49
6525	195	-10.38	-22.53	-11.82	-3.26	-1.15	-5.21	-1.5	-5.2	-7.42	-7.67	-27.86	-20.94	-20.94
6525	210	-14.01	-10.87	-9.95	-2.54	-3.56	-5.89	-4.36	-4.95	-4.2	-8.16	-21.8	-15.1	-15.1
6525	225	-6.29	-6.34	-5.57	-7.43	-8.36	-5.43	-3.1	-0.88	-13.1	-5.19	-11.13	-7.38	-7.38
6525	240	-6.56	-6.4	-5.96	-8.39	-4	-1.15	0.77	-0.88	-4.45	-7.71	-9.43	-16.04	-16.04
6525	255	-7.8	-4.03	-2.9	-2.79	-2.51	-3.76	-2.15	-2.42	-3.26	-7.28	-13.14	-15.89	-15.89
6525	270	-7.17	-3.36	-1.71	-6.04	-5.01	1.02	1.35	-0.26	-5.02	-3.93	-9.84	-14.36	-14.36
6525	285	-11.7	-4.65	-3.04	-5.87	-7.57	-4.01	-4.04	-4.97	-7.25	-9.89	-9.61	-24.25	-24.25
6525	300	-8.04	-3.26	-3.9	-6.6	-2.39	-4.37	-0.27	-1.06	-5.45	-20.7	-6.34	-13.36	-13.36
6525	315	-13.56	-6.56	-9.54	-2.6	-2.93	0.8	1.42	-0.42	-6.16	-14.17	-10.08	-18.57	-18.57
6525	330	-16.54	-7.49	-10.98	-1.92	-4.41	-0.89	2.12	-1.64	-18.56	-13.4	-7.66	-15.8	-15.8
6525	345	-20.04	-6.71	-12.75	-1.75	-6.73	-2.84	2.31	-1.46	-10.09	-12.7	-10.51	-10.03	-10.03
6525	360	-15.32	-9.13	-10.43	-2.84	-12.09	-4.86	-1.34	-4.85	-19.22	-11.41	-7.72	-11.1	-11.1
7125	0	-20.41	-25.04	-11.08	-2.82	-6.45	-5.4	-2.2	-6.11	-9.49	-14.42	-15.86	-6.9	-6.9
7125	15	-21.45	-19.16	-12.16	-5.91	-2.49	-4.91	-3.5	-5.25	-14.78	-9.48	-12.19	-14.25	-14.25
7125	30	-27.41	-10.28	-12.57	-9.8	-7.13	-8.8	-5.49	-3.42	-12.52	-15.32	-7.7	-14.38	-14.38
7125	45	-22.32	-12.73	-11.14	-10.09	-4.87	-8.57	-10.3	-9.55	-15.51	-6.49	-11.84	-15.8	-15.8
7125	60	-24.91	-14.33	-21.26	-10.19	-6.76	-10.58	-11.82	-10.2	-9.63	-12.09	-5.27	-21.5	-21.5
7125	75	-12.84	-9.18	-7.73	-12.16	-8.25	-10.47	-3.2	-9.21	-10.98	-8.3	-10.31	-9.52	-9.52
7125	90	-11.8	-8.1	-8.78	-9.04	-10.2	-7.63	-12.15	-10.19	-12.09	-8.65	-22.21	-12.05	-12.05
7125	105	-18.54	-13.58	-10.7	-10.46	-4.93	-4.5	-4.01	-4.93	-3.89	-4.39	-25.81	-6.1	-6.1
7125	120	-16.54	-8.06	-8.28	-6.49	-6.61	-10.65	-5.02	-4.16	-3.68	-1.94	-22.2	-9.88	-9.88
7125	135	-14.68	-13.77	-10.13	-5.2	-4.94	-0.94	-1.09	-1.6	-1.23	-5.68	-19.83	-16.81	-16.81
7125	150	-34.3	-9.11	-8.13	-4.29	-6.2	-1.83	-4.46	-3.1	-1.92	-13.97	-15.88	-29.94	-29.94
7125	165	-30.07	-9.69	-6.42	-8.3	-5.34	-10.66	-10.34	-3.4	-3.48	-18.4	-19.55	-4.92	-4.92
7125	180	-21.28	-19.69	-7.29	-11.97	-5.28	-3.74	-2.67	-2.27	-2.88	-7.41	-16.27	-13.21	-13.21
7125	195	-17.11	-17.56	-10.31	-7.76	-4.83	-7.82	-7.27	-8.16	-4.28	-20.77	-14.21	-20.6	-20.6
7125	210	-18.5	-27.43	-8	-3.82	-4.44	-4.32	-6.51	-7.86	-14.63	-11.6	-17.12	-21.98	-21.98
7125	225	-12.78	-25.31	-8.15	-8.19	-8.08	-11.04	-3.94	-6.14	-9.76	-23.7	-20.16	-21.19	-21.19
7125	240	-17.41	-13.7	-11.27	-10.15	-3.06	-1.58	1.47	-0.05	-2.93	-8.6	-24.05	-21.4	-21.4
7125	255	-8.49	-17.44	-11.21	-9.29	-9.89	-6.97	-5.73	-7.31	-10.7	-14.1	-17.76	-19	-19
7125	270	-11.85	-13.71	-7.24	-5.05	-9.72	-6.72	-3.84	-6.27	-11.11	-12.2	-14.72	-15.8	-15.8
7125	285	-13.68	-15.87	-5.8	-8.99	-5.78	-4.1	-6.73	-10.52	-15.38	-17.77	-11.57	-12.8	-12.8
7125	300	-16.35	-17.68	-7.93	-6.33	-7.21	-9.12	-8.12	-5.82	-13.19	-22.6	-27.44	-21.73	-21.73
7125	315	-24.59	-39.03	-10.4	-7.77	-13.98	-2.68	-1.26	-2.61	-10.91	-9.49	-18.13	-12.21	-12.21
7125	330	-18.64	-25.7	-12.16	-6.16	-12.63	-9.69	-3.15	-6.75	-11.69	-11.88	-6.63	-17.67	-17.67
7125	345	-16.3	-18.67	-11.89	-5.42	-6.62	-9.39	-3.54	-5.48	-16.68	-25.09	-17.55	-11.8	-11.8
7125	360	-20.41	-25.04	-11.08	-2.82	-6.45	-5.4	-2.2	-6.11	-9.49	-14.42	-15.86	-6.9	-6.9