

Antenna Composite Gain Test Report

1. Test Information

Equipment	GTS
Brand Name	Nokia
Model Name	XS-2437X-B
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	06.13.2024~06.13.2024

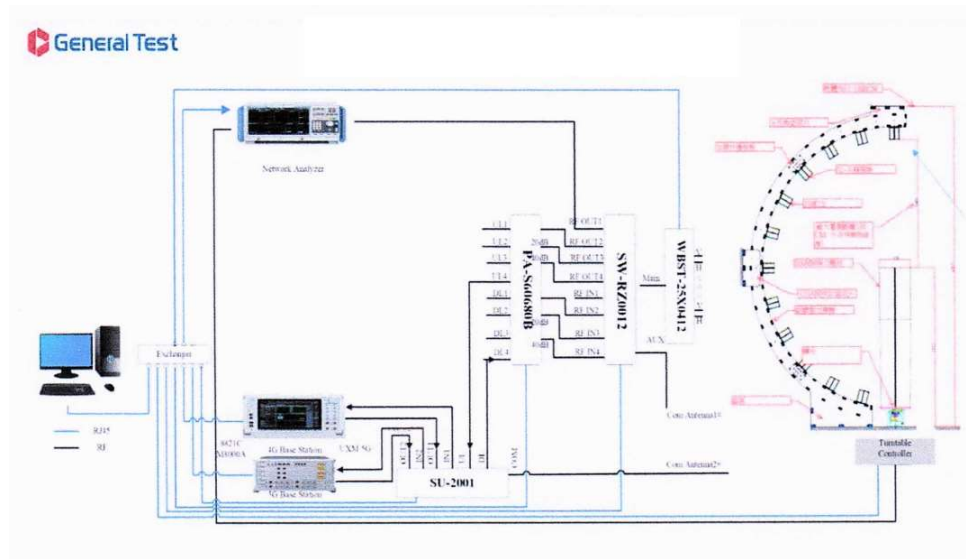
3. Test Frequency

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

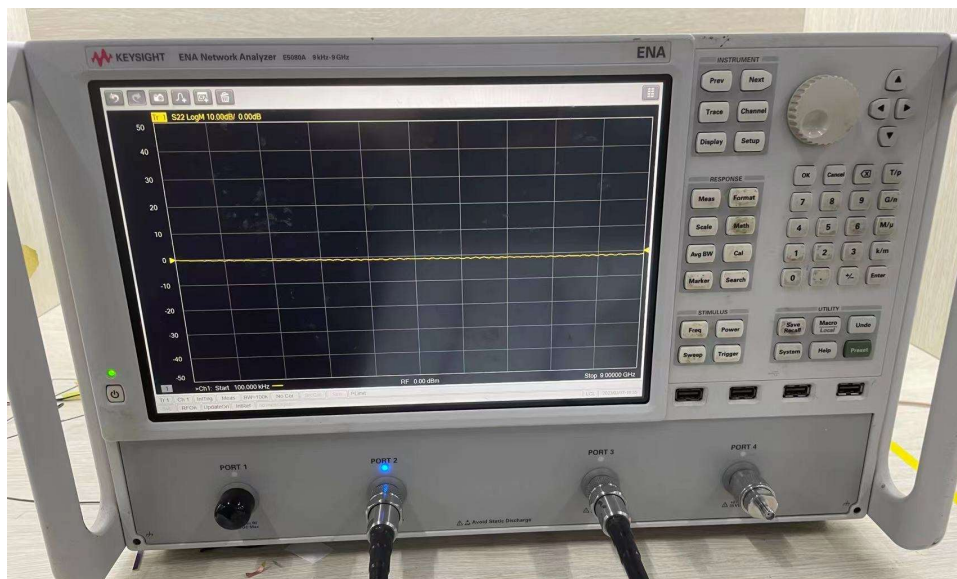
4. Antenna Information

Ant. Position	Brand Name	Model Name	Ant. Type	Connector
Antenna 1 (6G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 2 (6G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 3 (6G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 4 (6G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 6 (2G5G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 7 (2G5G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 8 (2G5G)	Nokia	XS-2437X-B	Dipole	I-PEX
Antenna 9 (2G5G)	Nokia	XS-2437X-B	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: 6G Ant.1~4)

Band (MHz)	5925-7125		
Frequency (MHz)	5925	5500	7125
Ant.1 Max Gain (dBi)	2.58	2.33	2.38
Ant.2 Max Gain (dBi)	1.57	1.81	1.27
Ant.3 Max Gain (dBi)	2.97	2.74	3.02
Ant.4 Max Gain (dBi)	2.82	2.67	2.56
Max Gain (dBi)	2.97	2.74	3.02

Antenna Peak Gain Table (Ant. Position: 2G Ant.6~9)

Band (MHz)	2400-2500		
Frequency (MHz)	2400	2450	2500
Ant.6 Max Gain (dBi)	0.67	1.08	1.57
Ant.7 Max Gain (dBi)	2.03	2.01	1.59
Ant.8 Max Gain (dBi)	1.65	1.50	1.85
Ant.9 Max Gain (dBi)	1.52	1.76	1.45
Max Gain (dBi)	2.03	2.01	1.85

Antenna Peak Gain Table (Ant. Position: 5G Ant.6~9)

Band (MHz)	5150-5850		
Frequency (MHz)	5150	5500	5850
Ant.6 Max Gain (dBi)	3.84	3.64	3.56
Ant.7 Max Gain (dBi)	3.01	3.98	2.40
Ant.8 Max Gain (dBi)	2.56	3.82	3.81
Ant.9 Max Gain (dBi)	2.89	3.27	3.55
Max Gain (dBi)	3.84	3.98	3.81

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.6~9)

Frequency (MHz)	2400	2450	2500
Ant.6 Gain (dBi)	-5.85	-0.77	-1.91
Ant.7 Gain (dBi)	2.03	-0.42	0.47
Ant.8 Gain (dBi)	1.59	-0.99	-0.39
Ant.9 Gain (dBi)	-1.31	1.48	-0.46
Phi (°)	285	15	225
Theta (°)	90	90	75
Beamforming	5.65	5.90	5.73
Non Beamforming (CDD MODE)	5.65	5.90	5.73

(Ant. Position: 5G Ant.6~9)

Frequency (MHz)	5150	5500	5850
Ant.6 Gain (dBi)	-5.42	-4.95	2.51
Ant.7 Gain (dBi)	2.20	-0.84	-2.40
Ant.8 Gain (dBi)	2.56	3.82	-7.11
Ant.9 Gain (dBi)	-2.45	-0.75	1.82
Phi (°)	15	15	195
Theta (°)	75	45	75
Beamforming	5.85	5.90	5.50
Non Beamforming	5.85	5.90	5.50

(CDD MODE)			
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Calculation example :

$$10 \times \log\{[10^{(-5.85\text{dBi} / 20)} + 10^{(2.03\text{ dBi} / 20)} + 10^{(1.59\text{ dBi} / 20)} + 10^{(-1.31\text{ dBi} / 20)}]^2 / 4\} = 5.65$$

dBi

Maximum Uncorrelated Gain Calculation

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

Frequency (MHz)	5925	6500	7125
Ant.1 Gain (dBi)	-3.24	2.16	1.08
Ant.2 Gain (dBi)	-2.68	-3.15	-1.23
Ant.3 Gain (dBi)	1.53	-7.64	-9.37
Ant.4 Gain (dBi)	1.53	2.67	2.56
Phi (°)	315	240	270
Theta (°)	75	105	105
Uncorrelated gain	-0.16	0.16	-0.05

(Ant. Position: 2G Ant.6~9)

Frequency (MHz)	2400	2450	2500
Ant.6 Gain (dBi)	-5.85	-0.77	-1.91
Ant.7 Gain (dBi)	2.03	-0.42	0.47
Ant.8 Gain (dBi)	1.59	-0.99	-0.39
Ant.9 Gain (dBi)	-1.31	1.48	-0.46
Phi (°)	285	15	225
Theta (°)	90	90	75
Uncorrelated gain	0.04	-0.06	-0.24

(Ant. Position: 5G Ant.6~9)

Frequency (MHz)	5150	5500	5850
Ant.6 Gain (dBi)	-5.42	-4.95	2.51
Ant.7 Gain (dBi)	2.20	-0.84	-2.40
Ant.8 Gain (dBi)	2.56	3.82	-7.11
Ant.9 Gain (dBi)	-2.45	-0.75	1.82
Phi (°)	15	15	195
Theta (°)	75	45	75
Uncorrelated gain	0.33	0.41	0.08

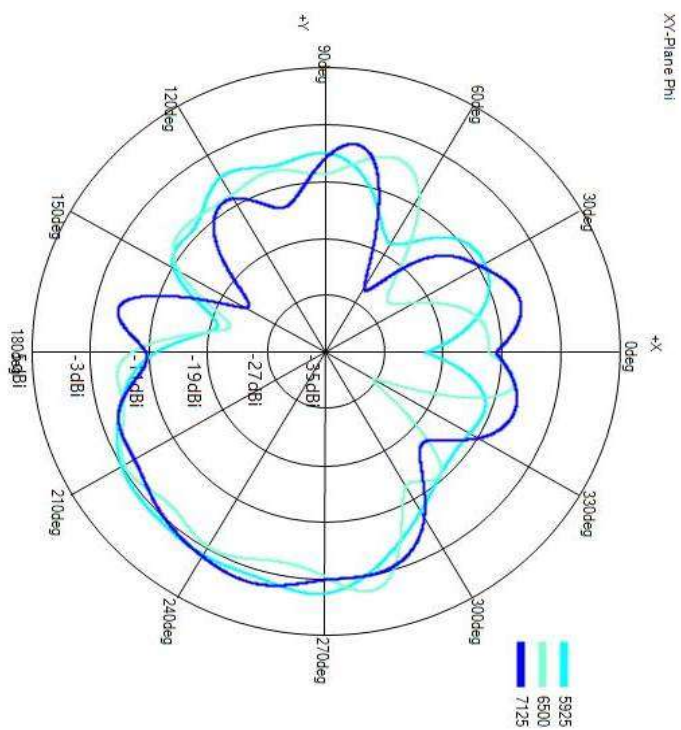
Calculation example :

$$10 \times \log\left\{\frac{10^{(-5.85 \text{ dBi} / 10)} + 10^{(2.03 \text{ dBi} / 10)} + 10^{(1.59 \text{ dBi} / 10)} + 10^{(-1.31 \text{ dBi} / 10)}}{4}\right\} = 0.04 \text{ dBi}$$

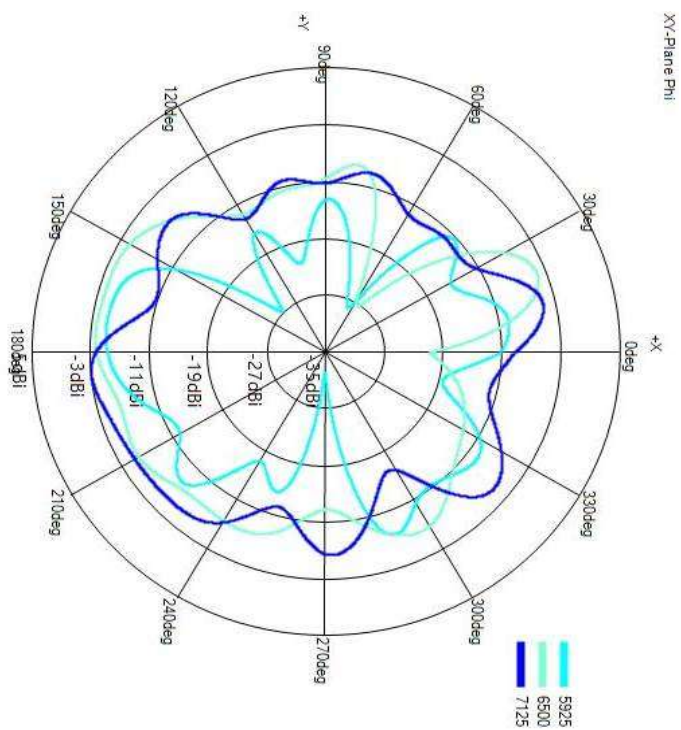
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Ant. Position: 6G Ant.1~4

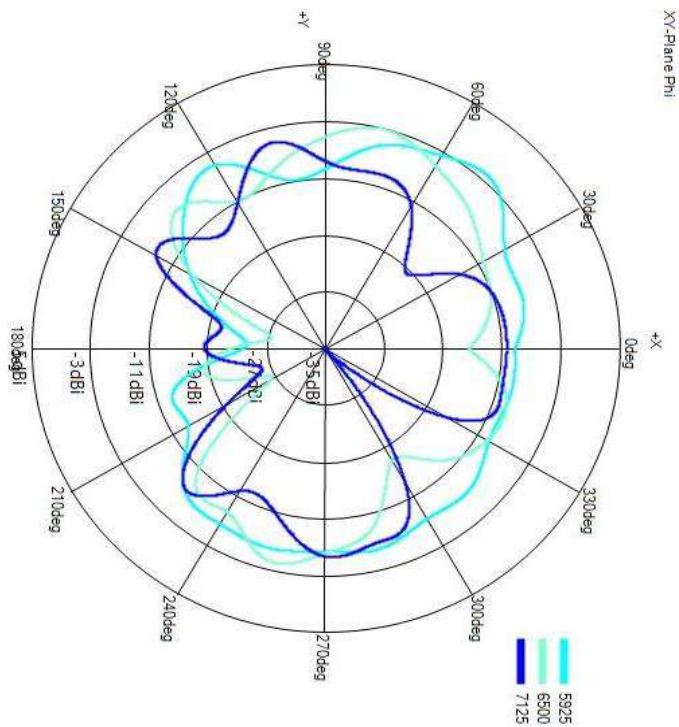
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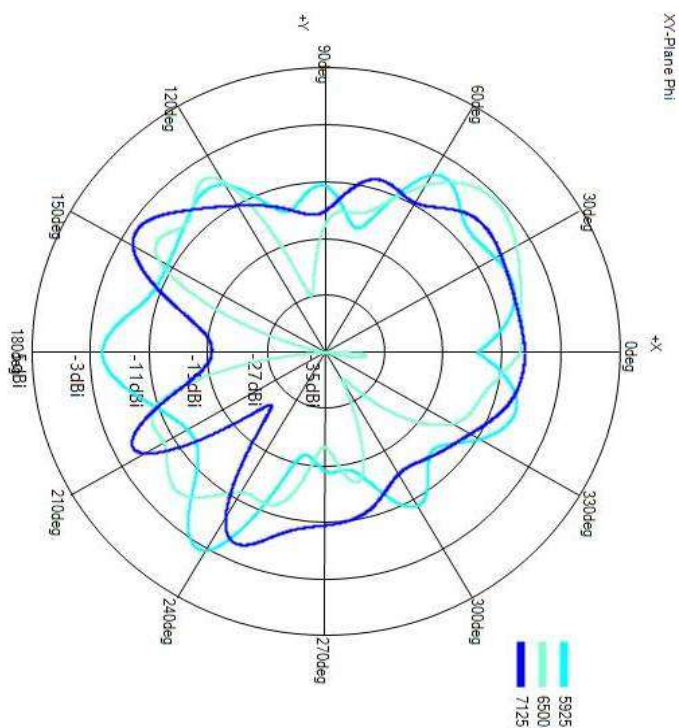
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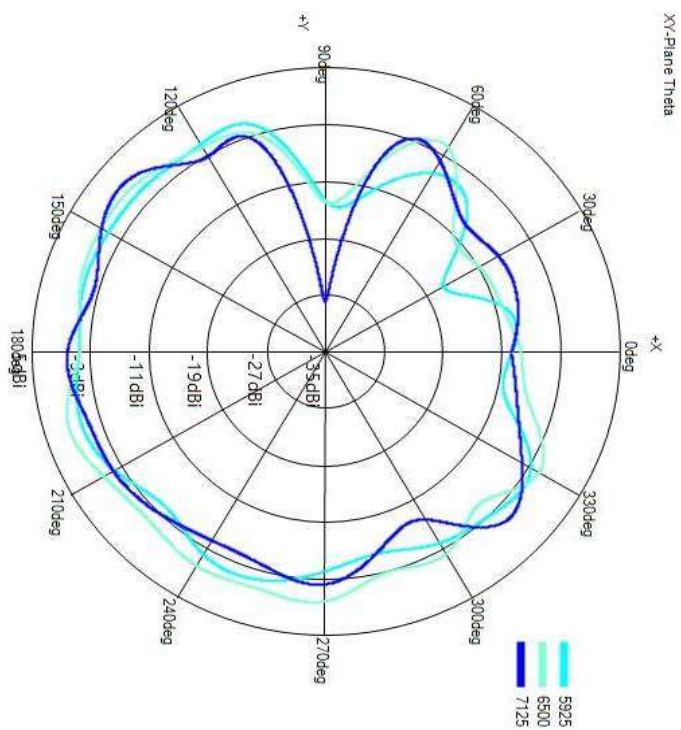
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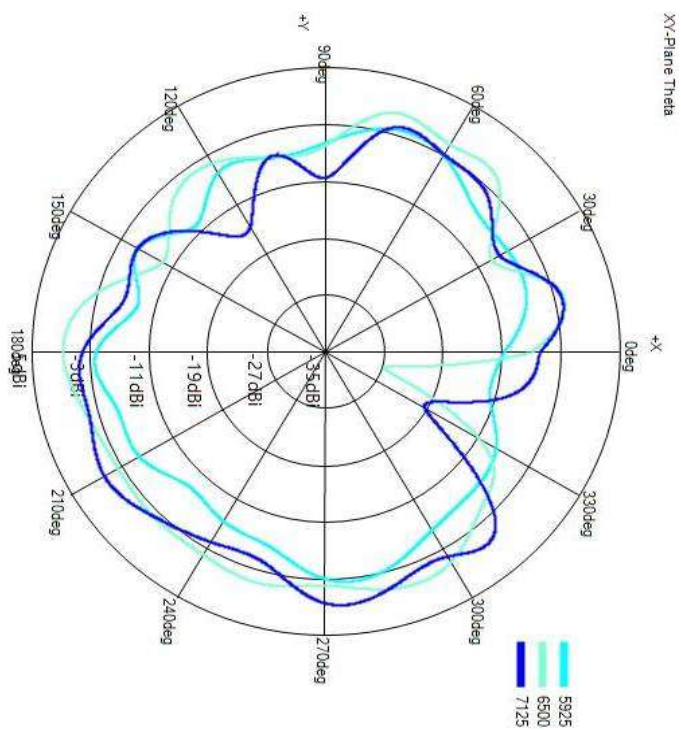
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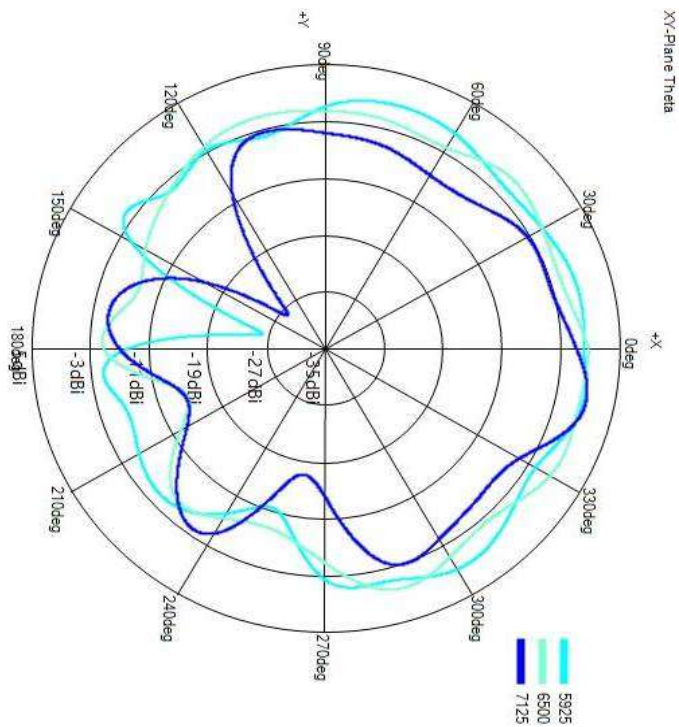
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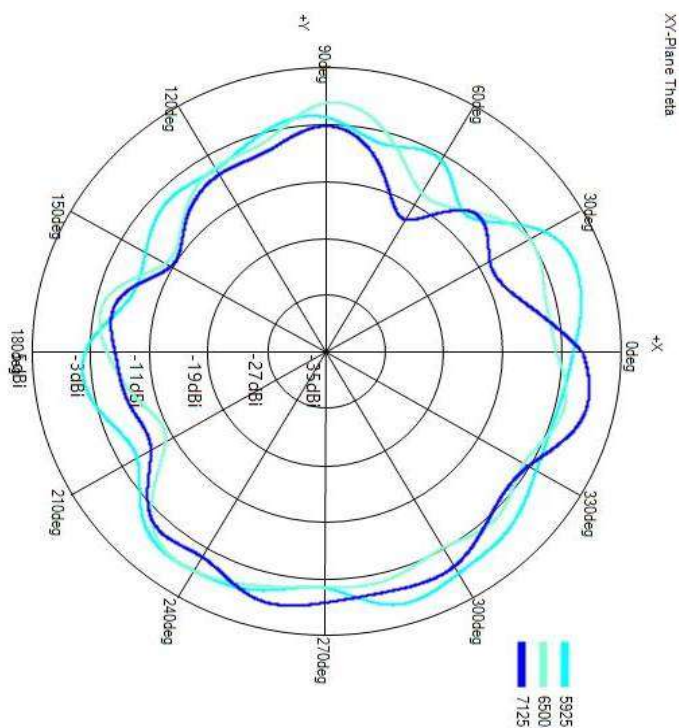
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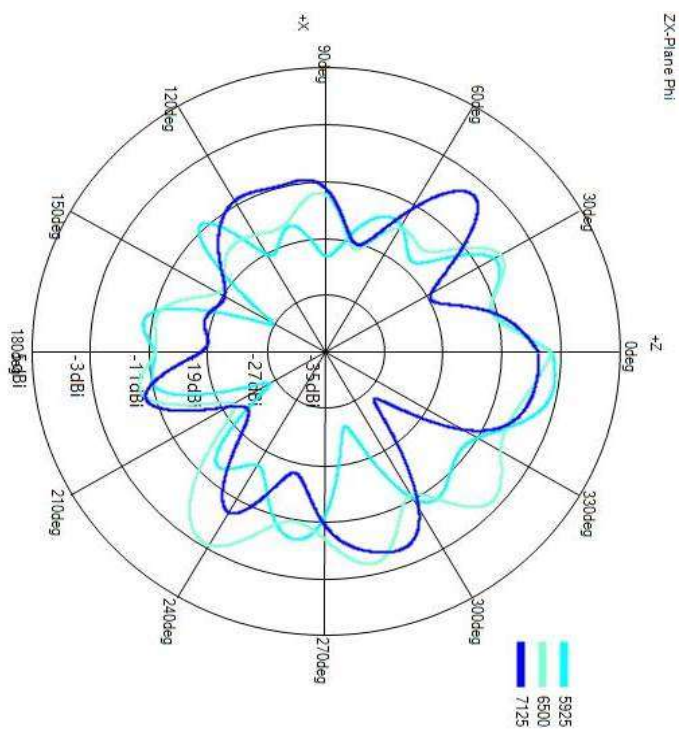
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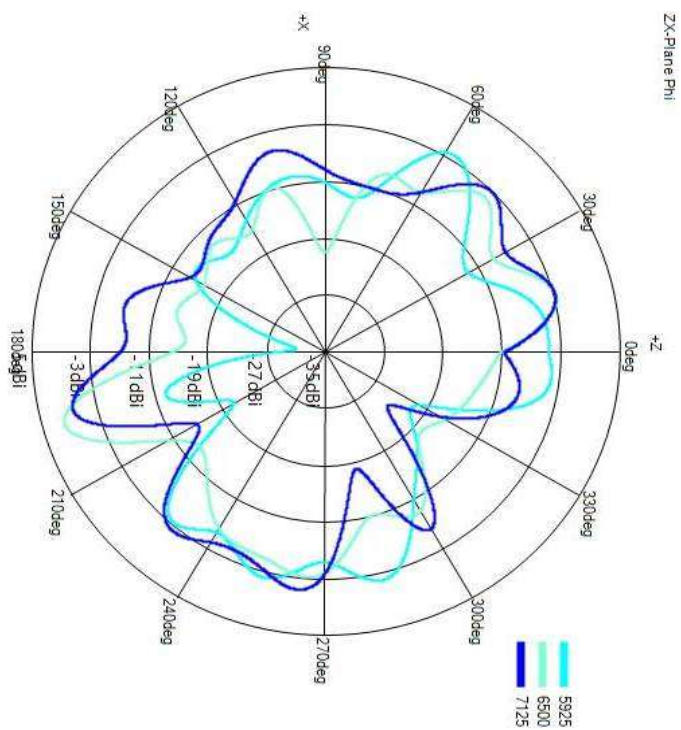
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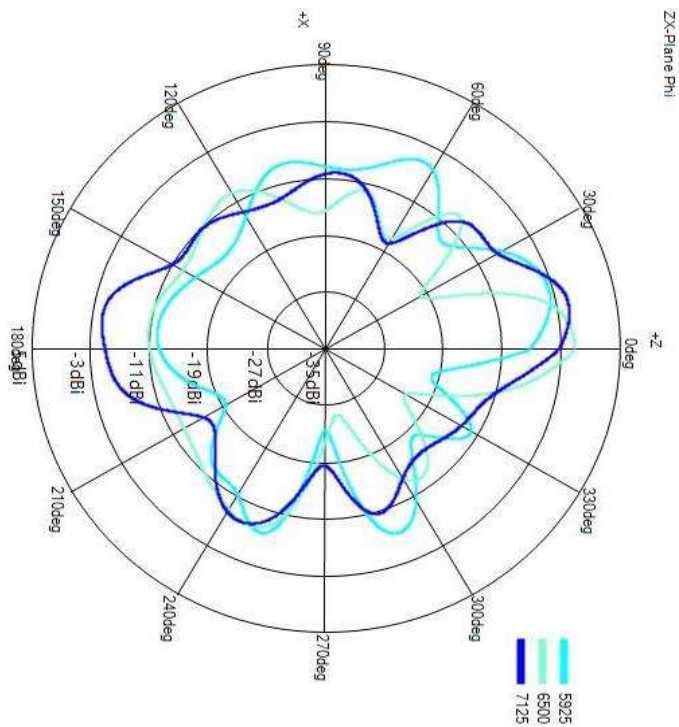
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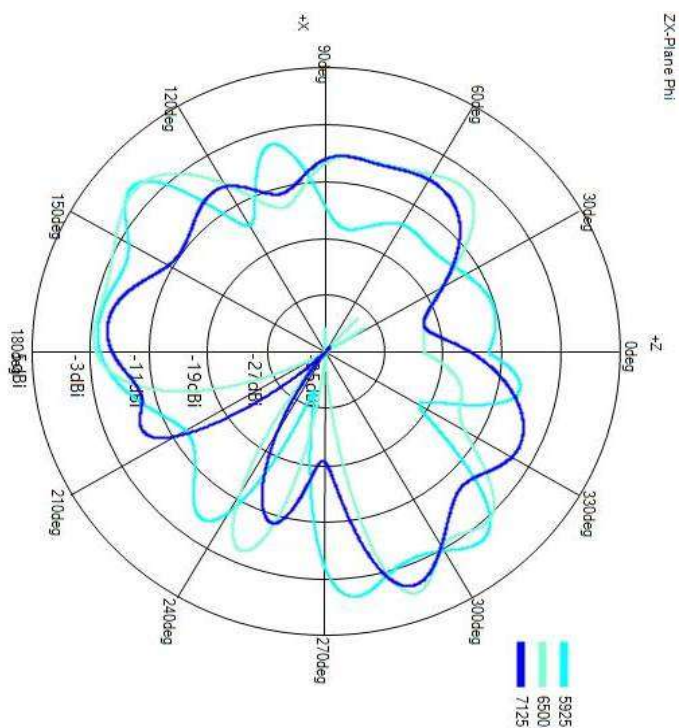
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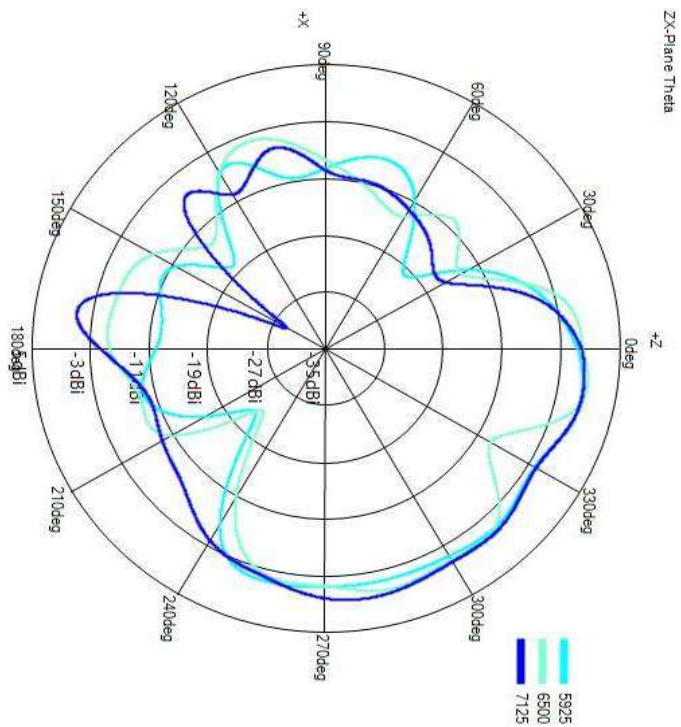
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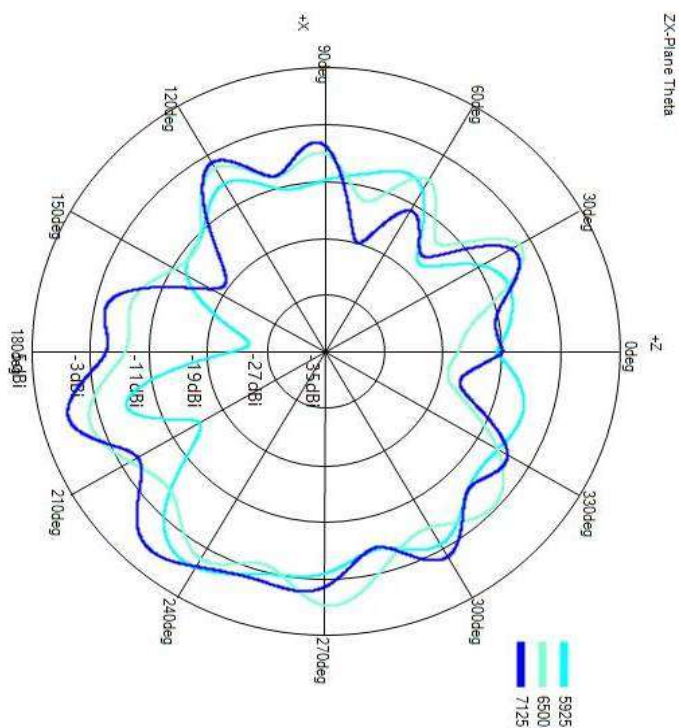
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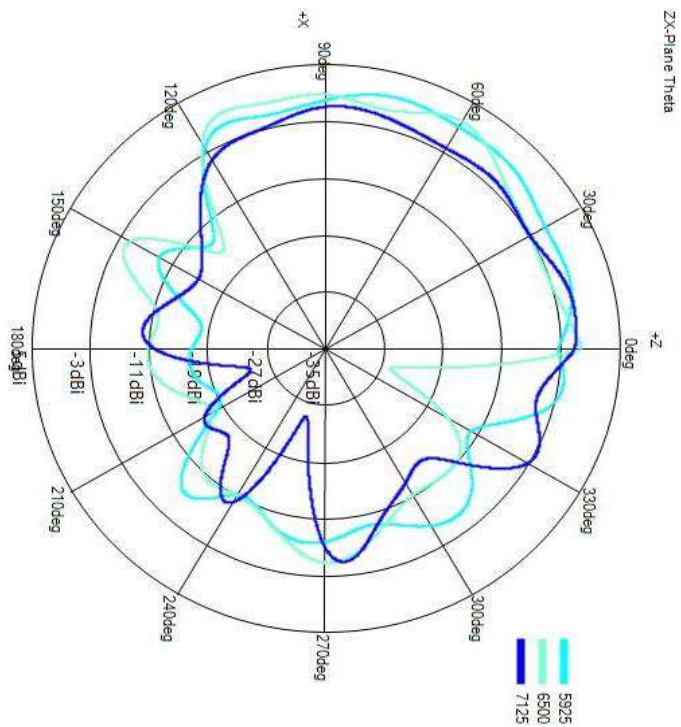
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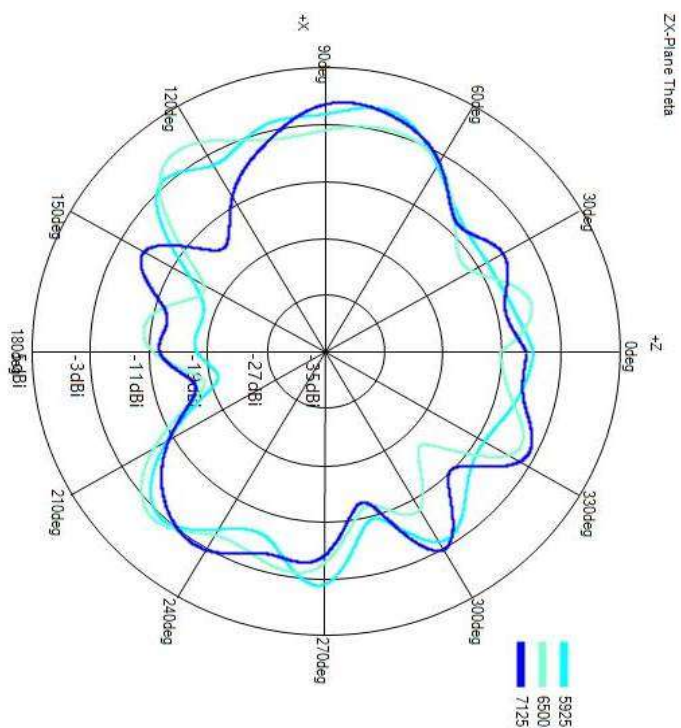
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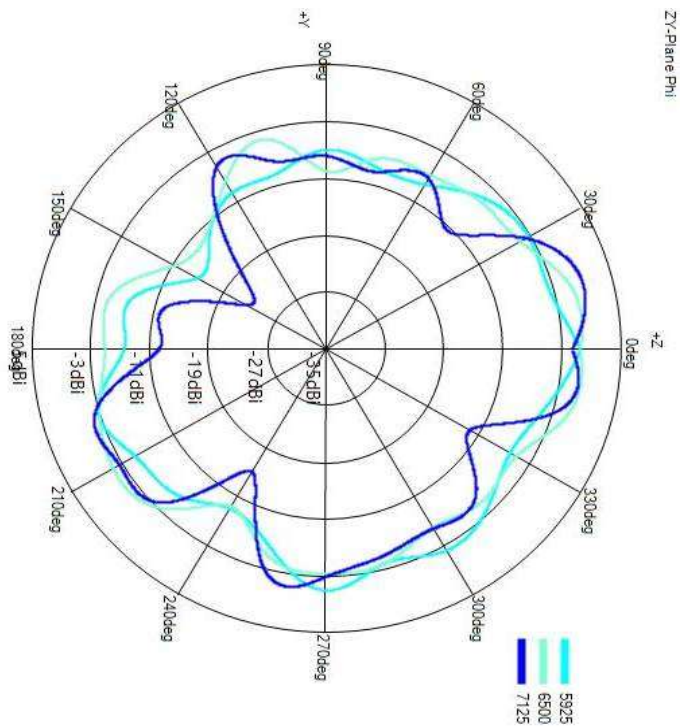
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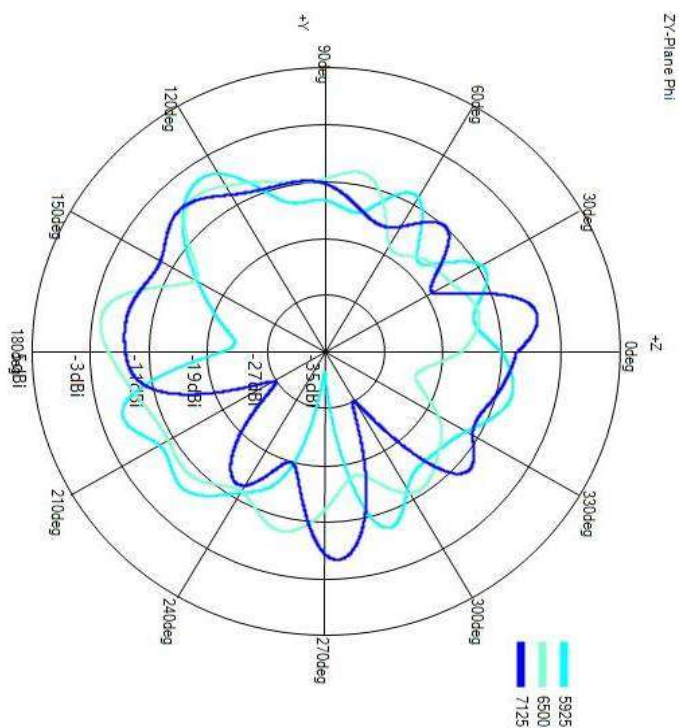
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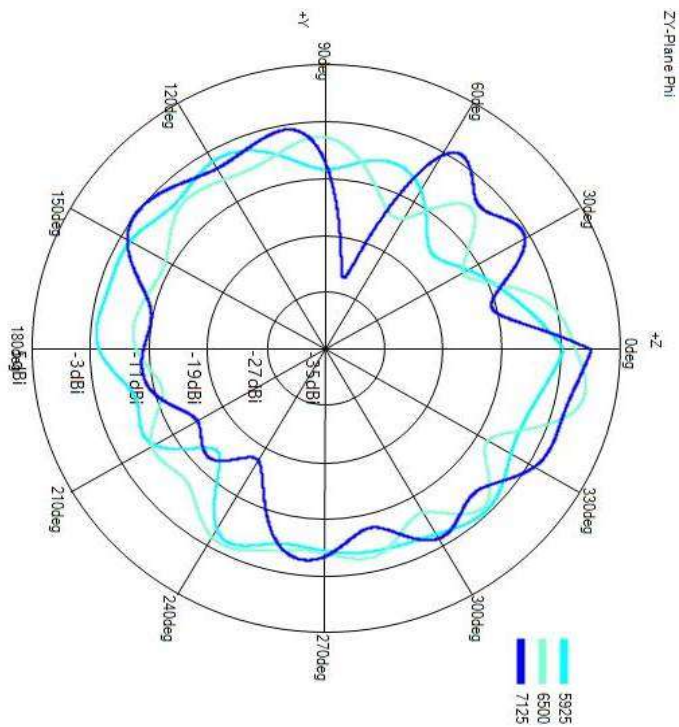
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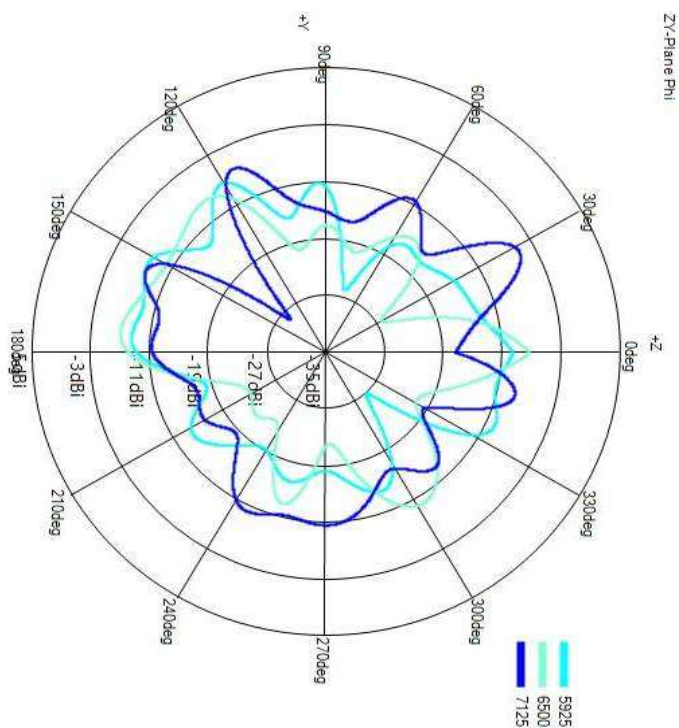
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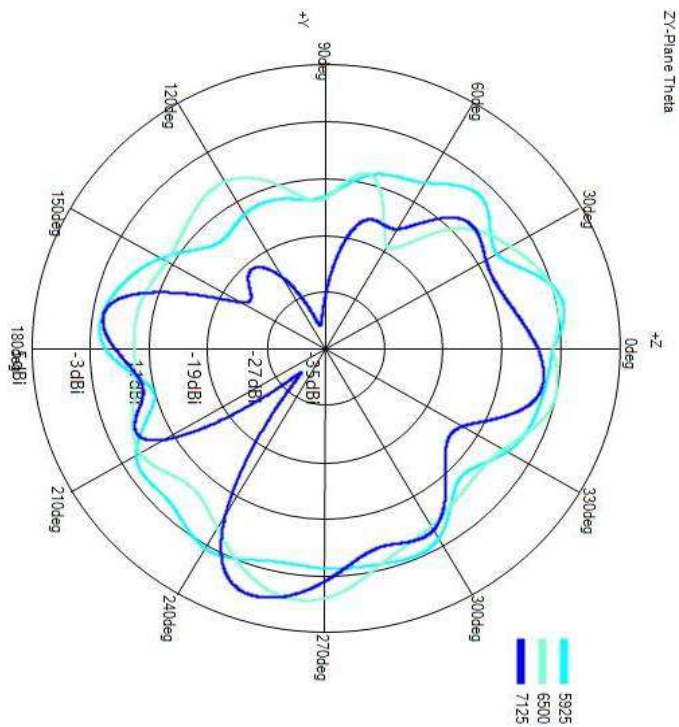
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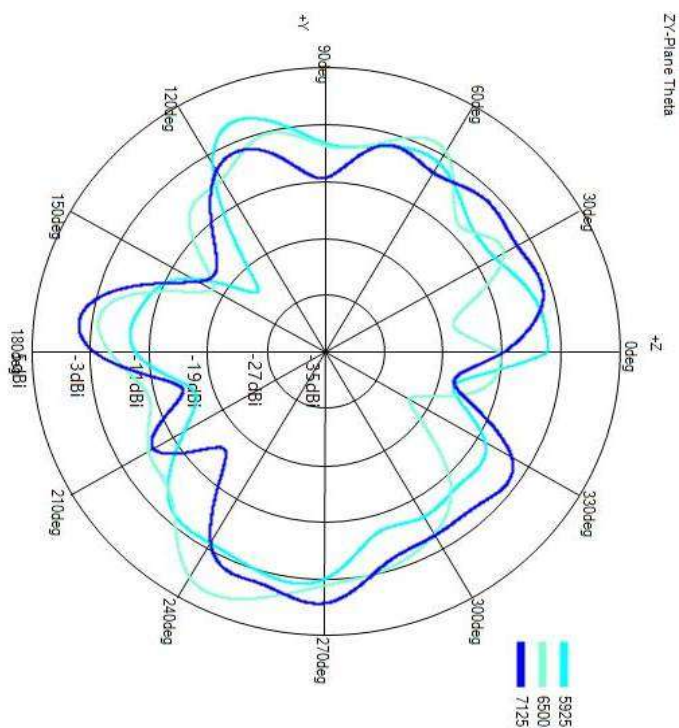
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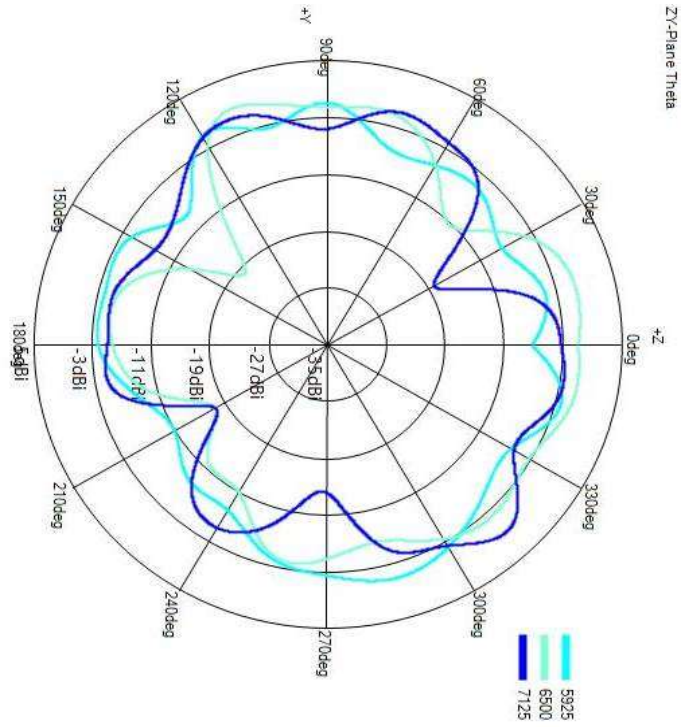
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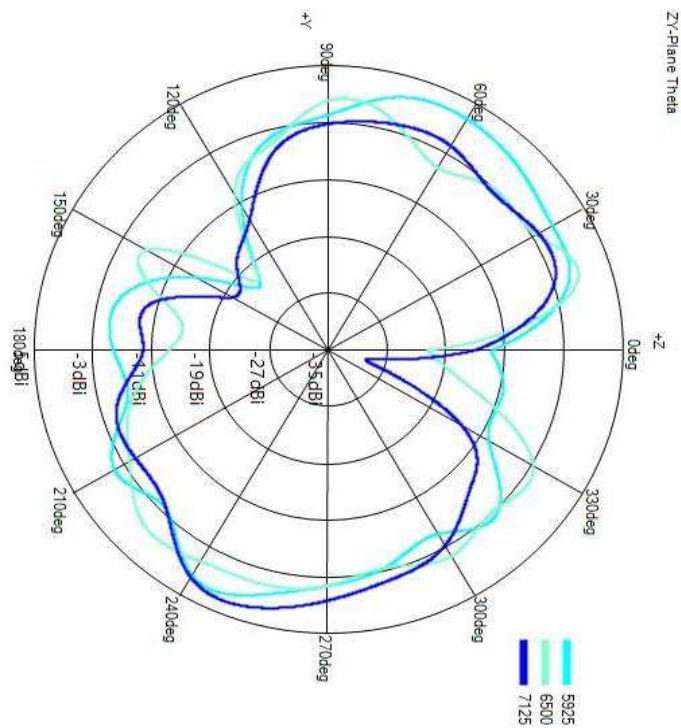
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YZ_Pol._theta_Ant.3



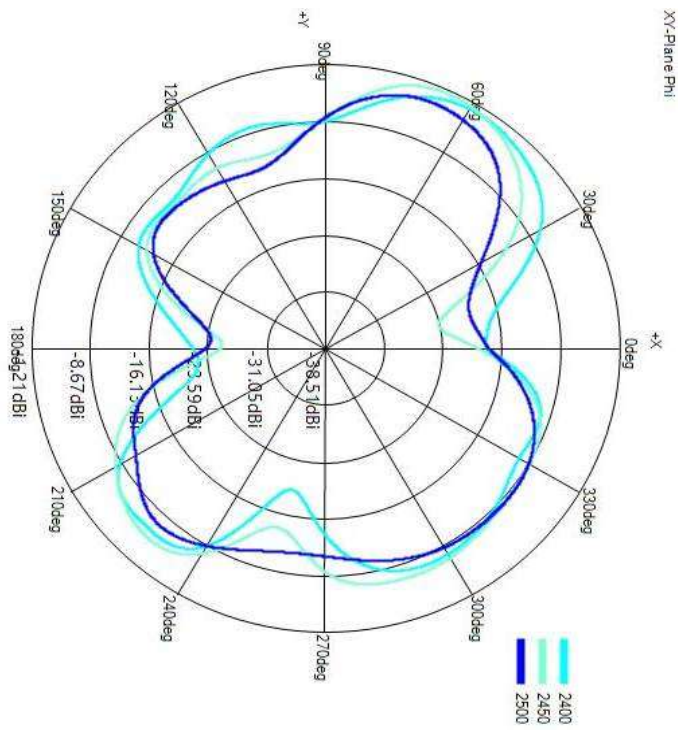
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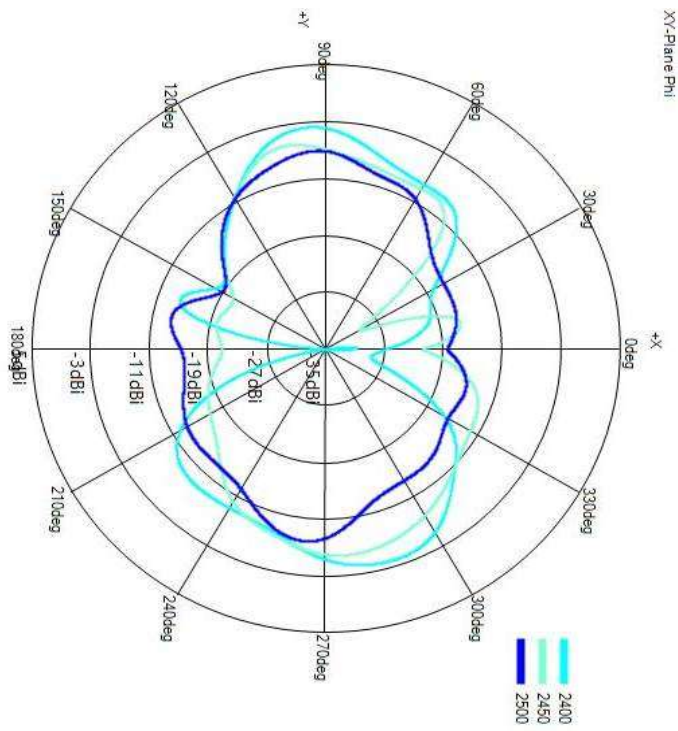
Ant. Position: 2G Ant.6~9

Regulatory WIFI Antenna Information

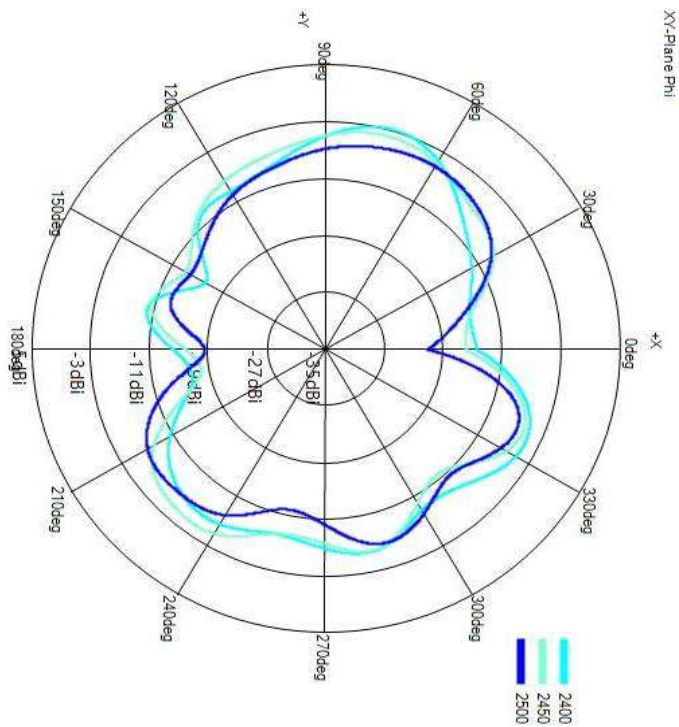
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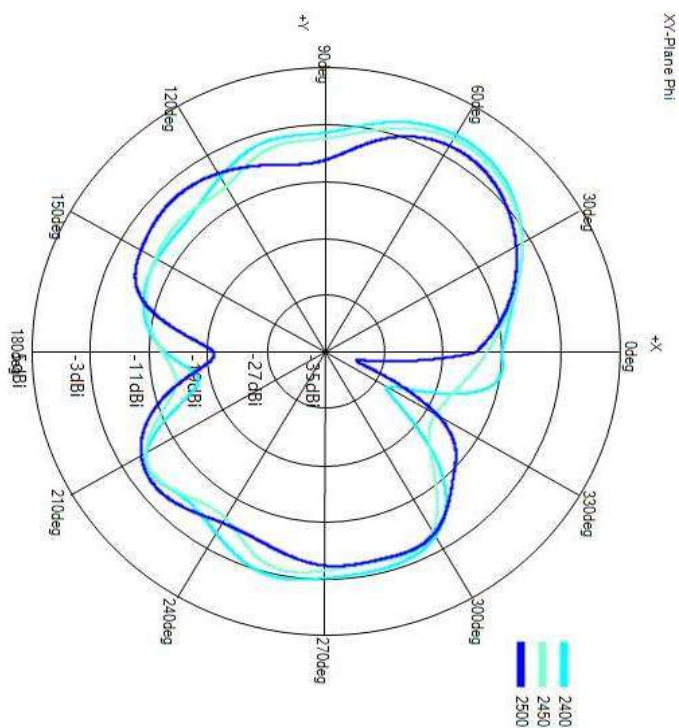
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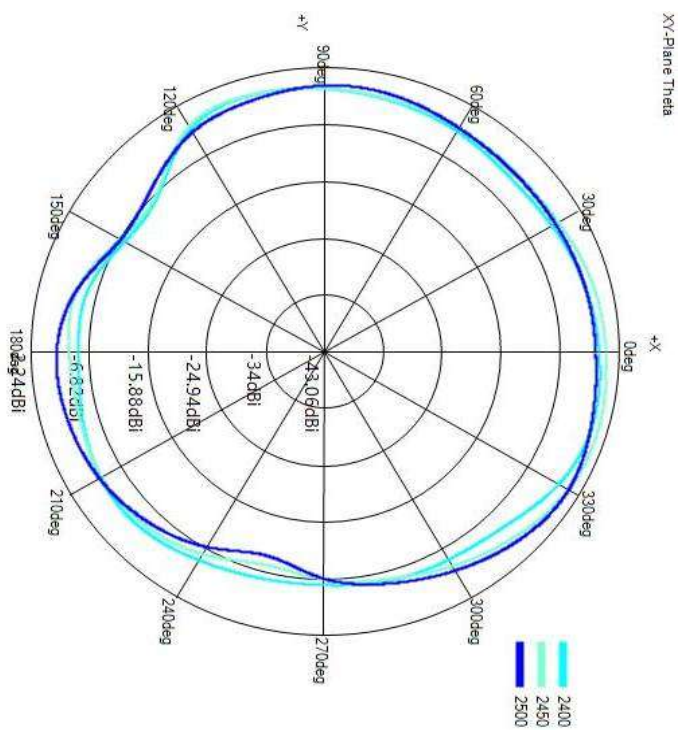
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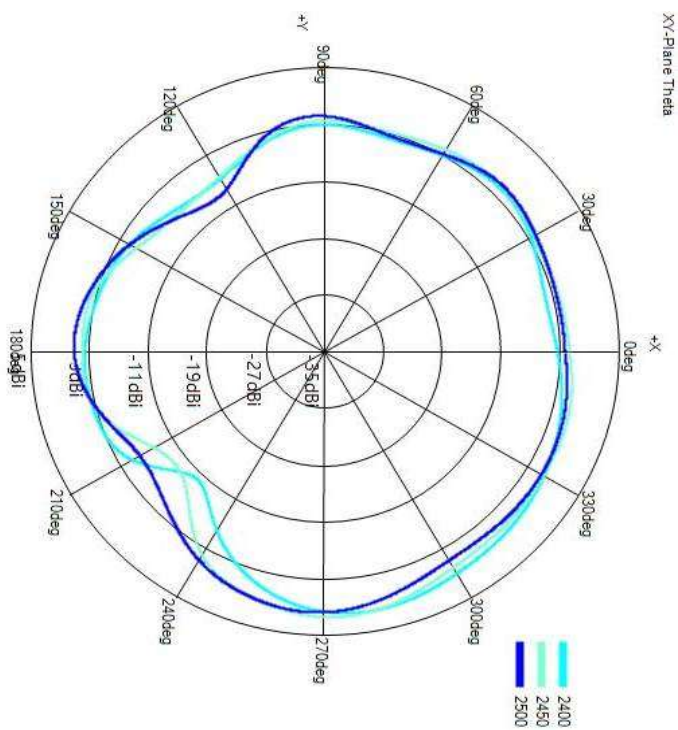
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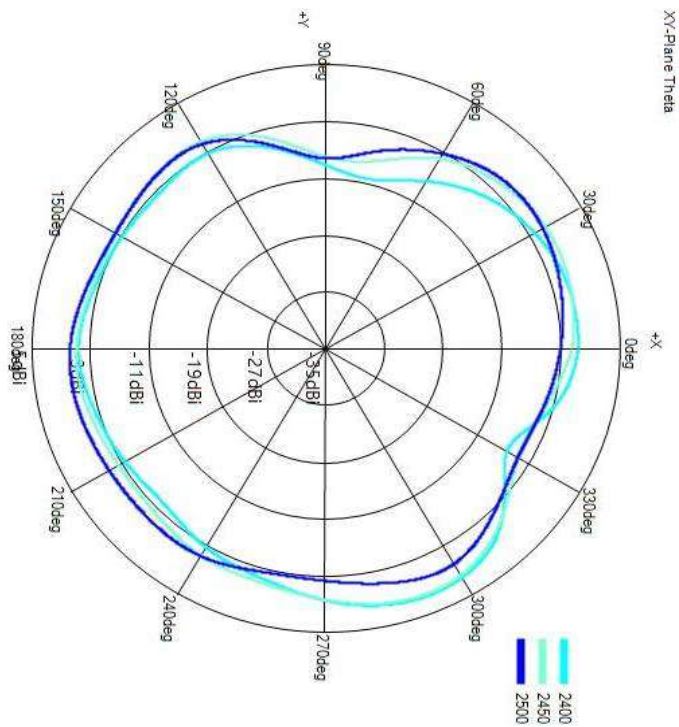
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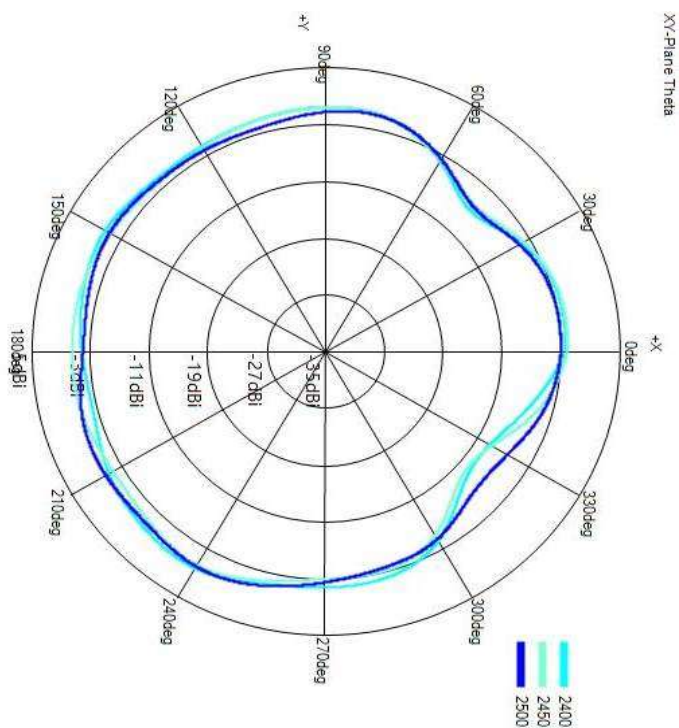
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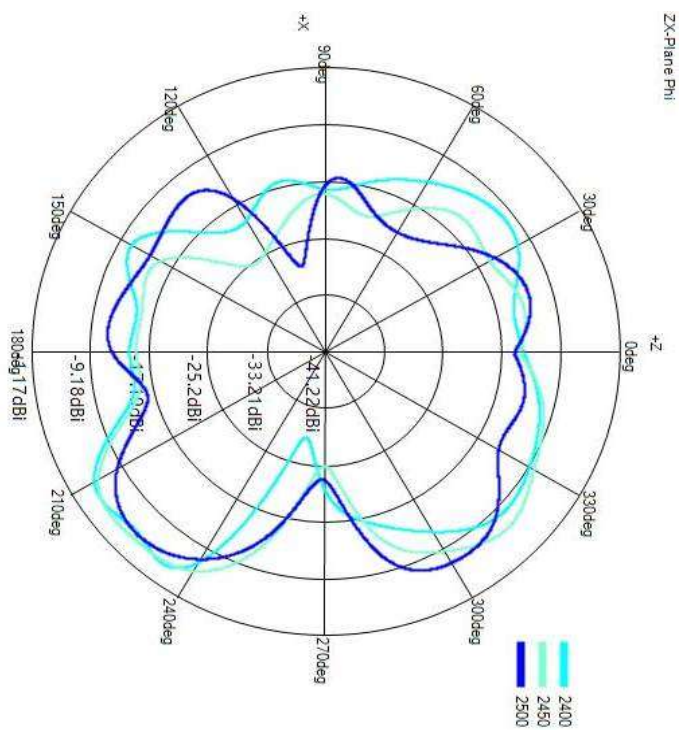
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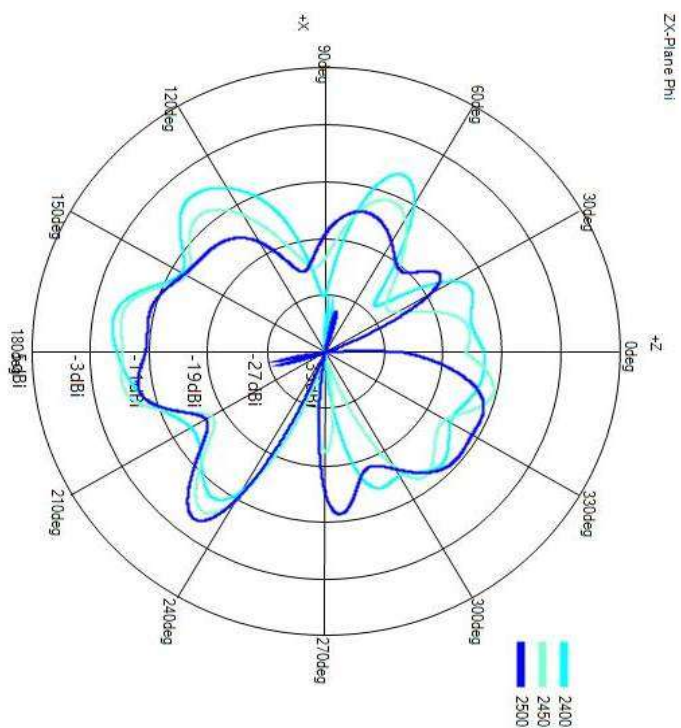
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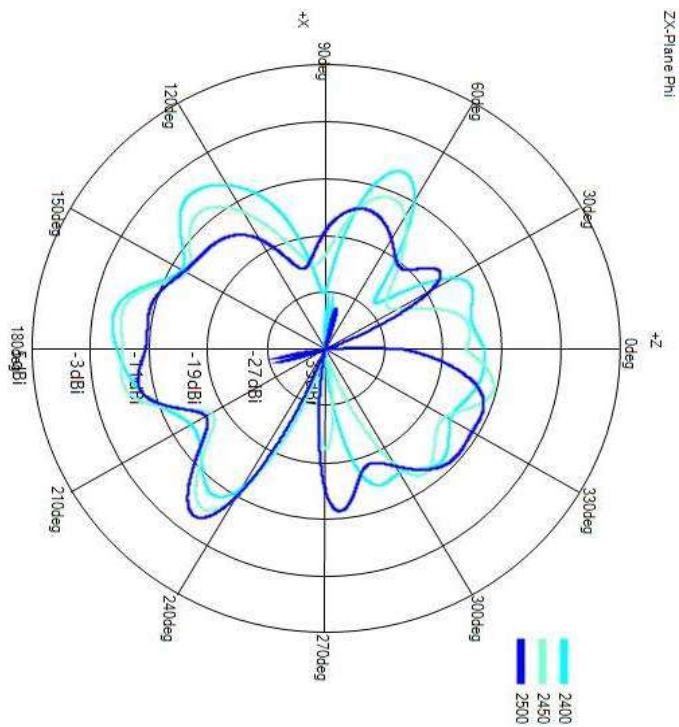
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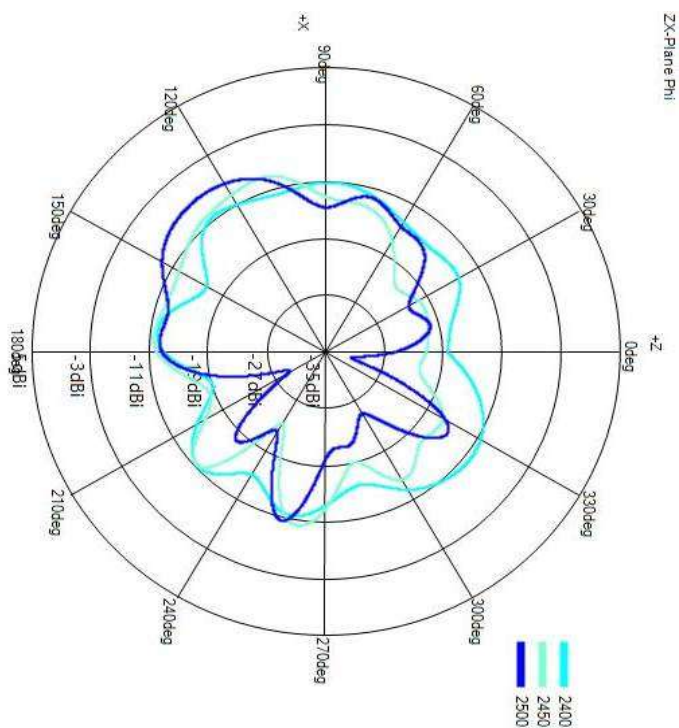
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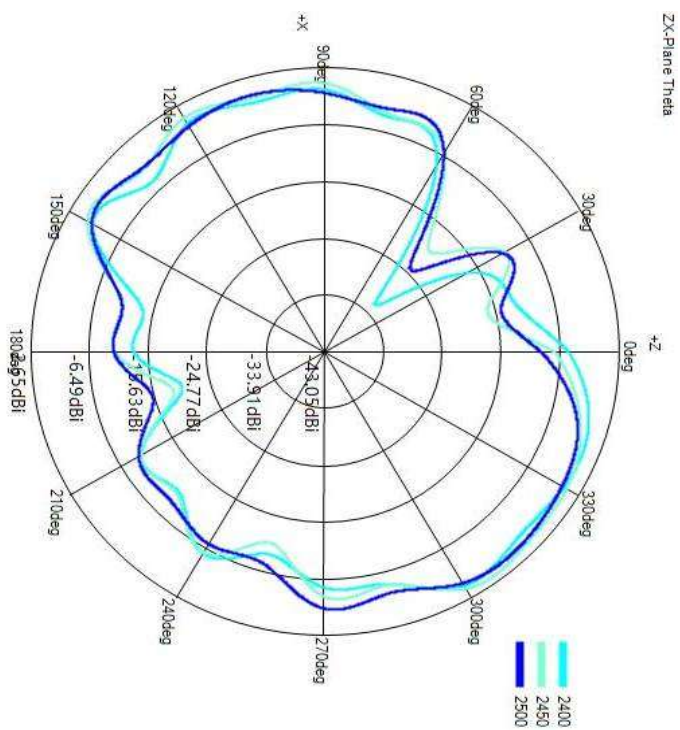
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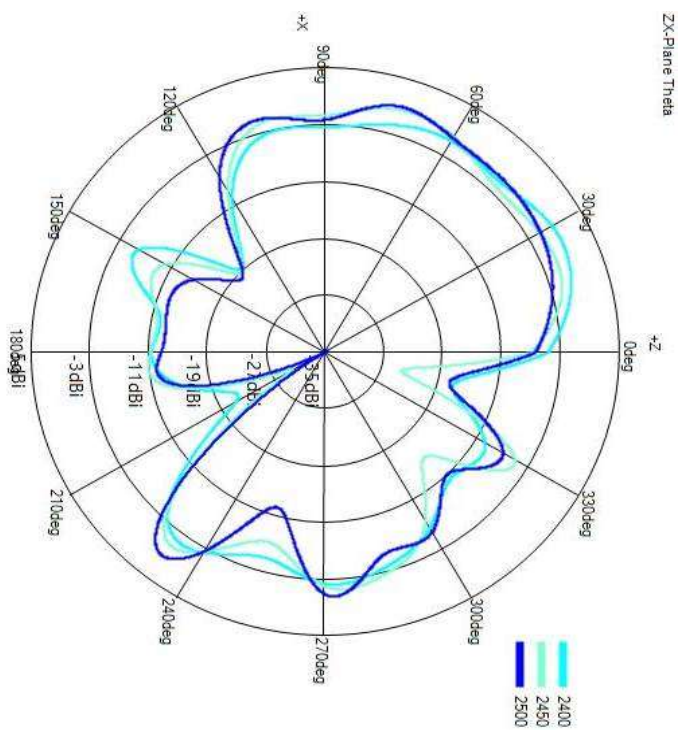
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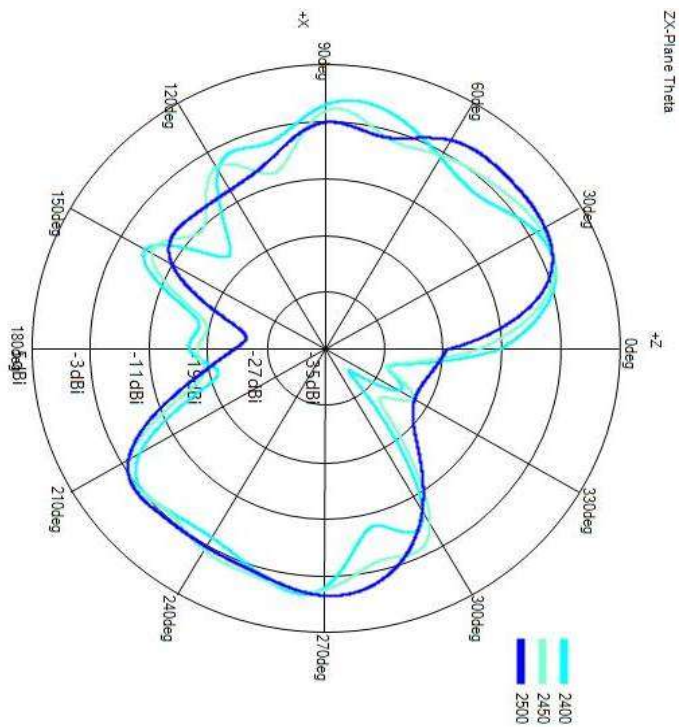
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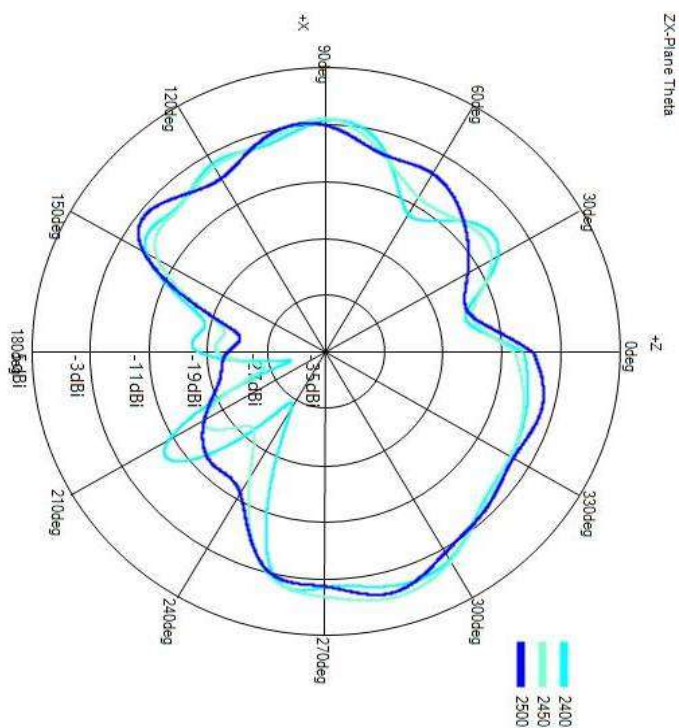
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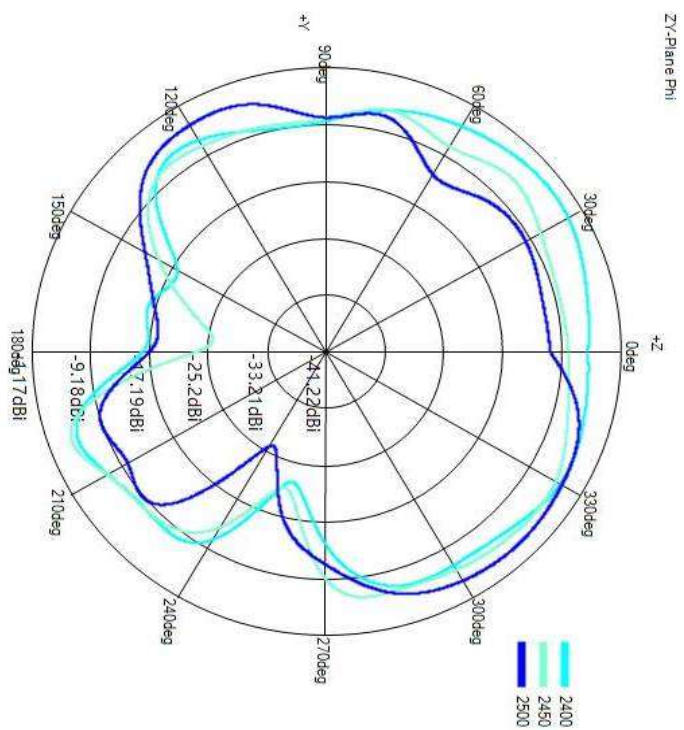
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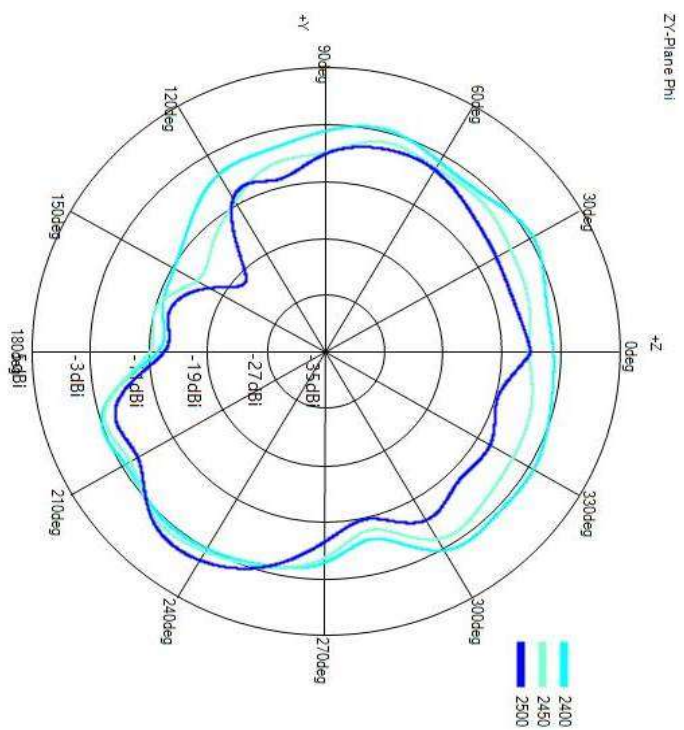
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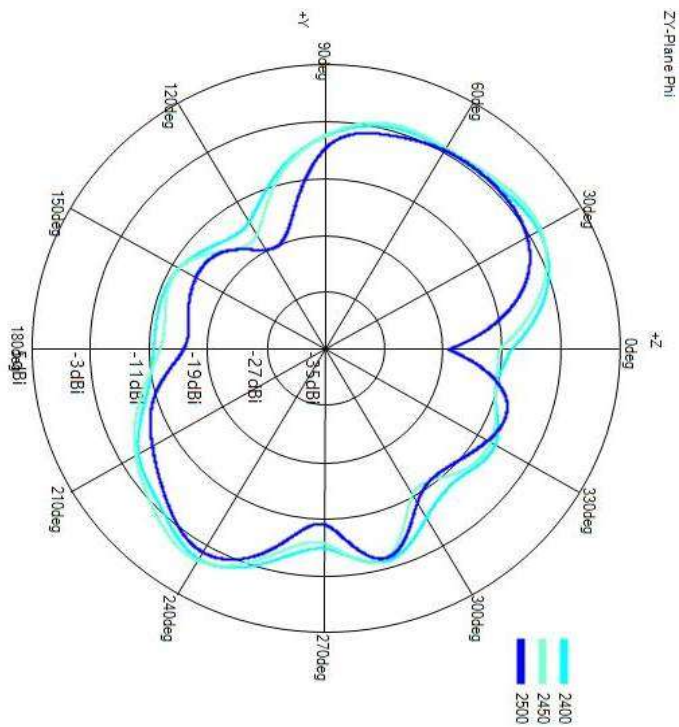
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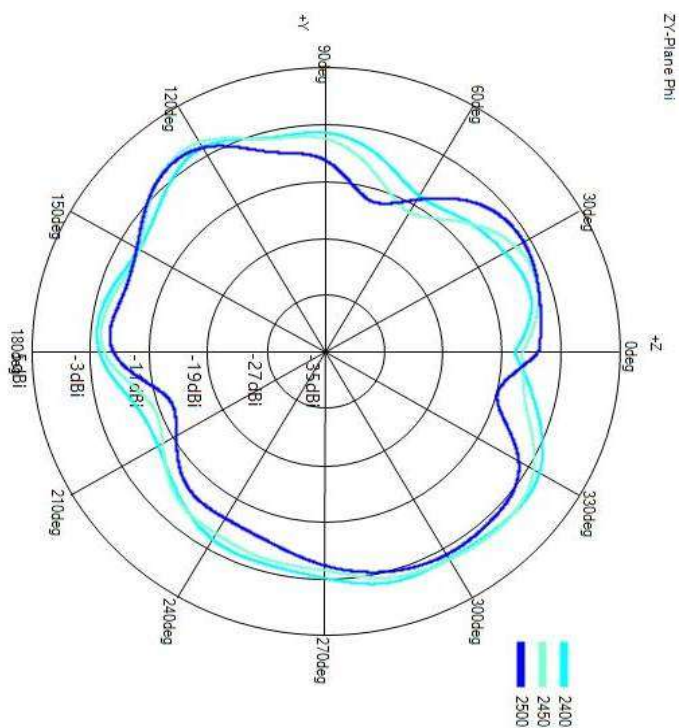
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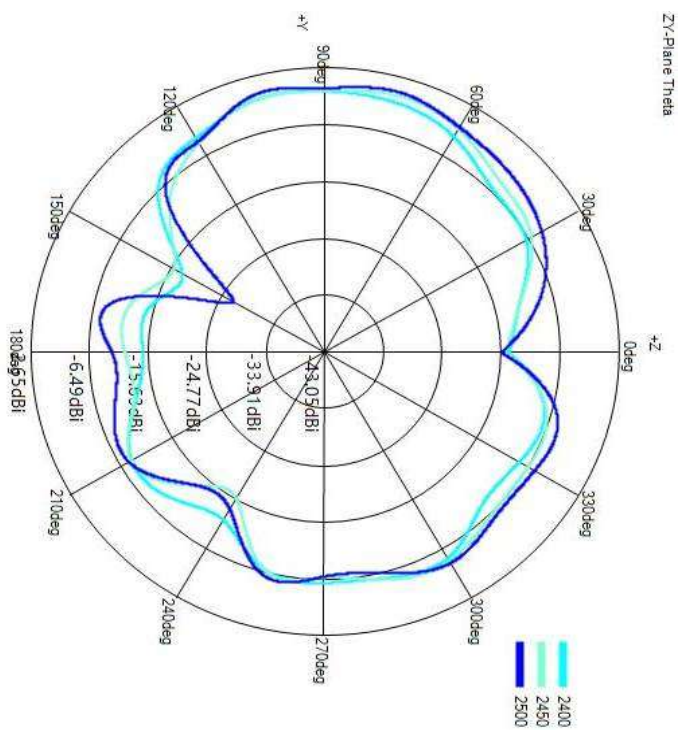
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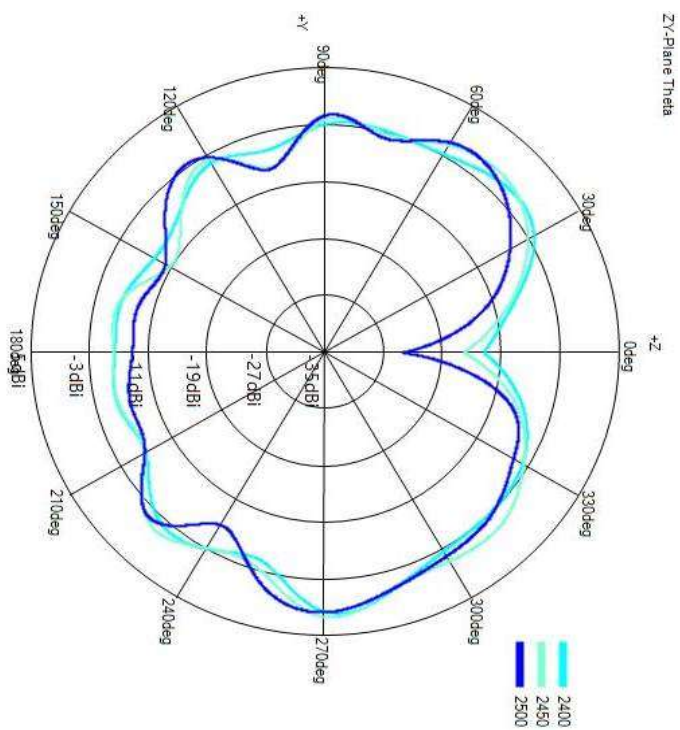
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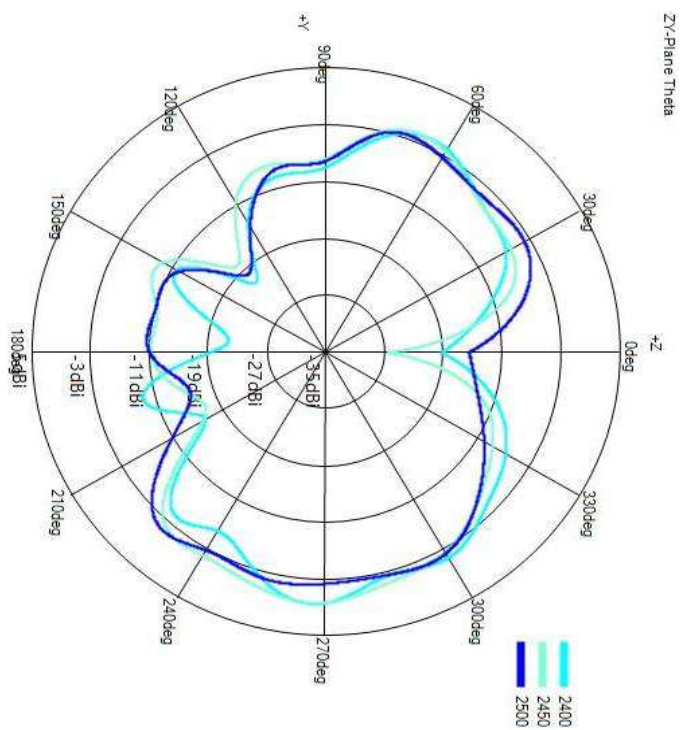
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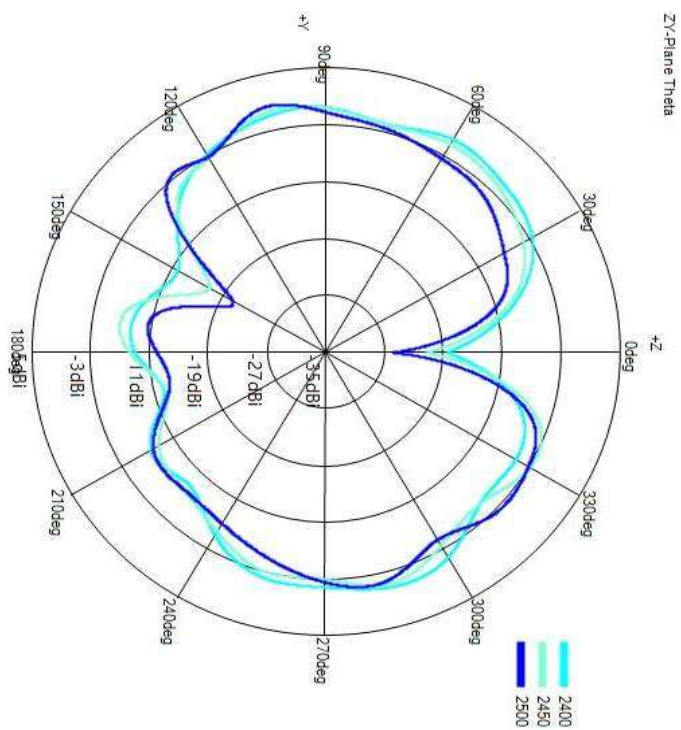
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YZ_Pol._theta_Ant.8



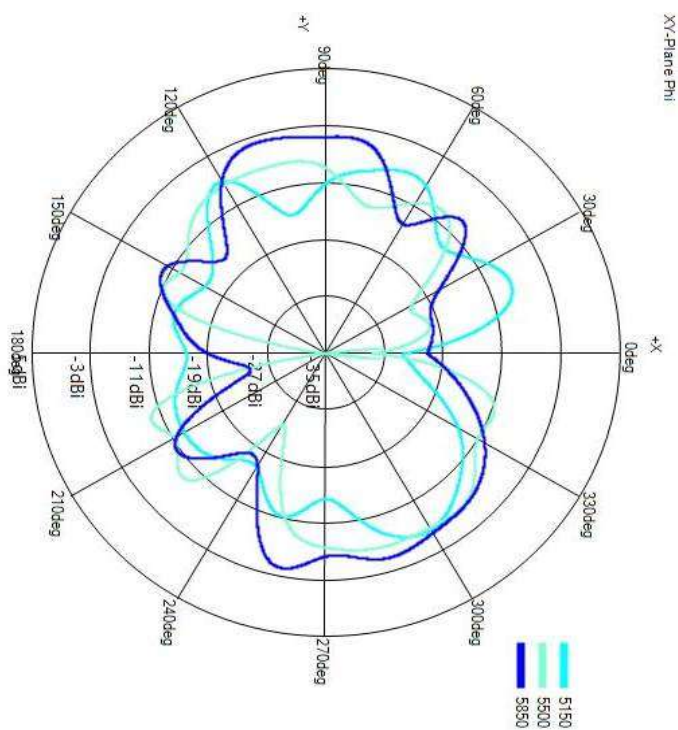
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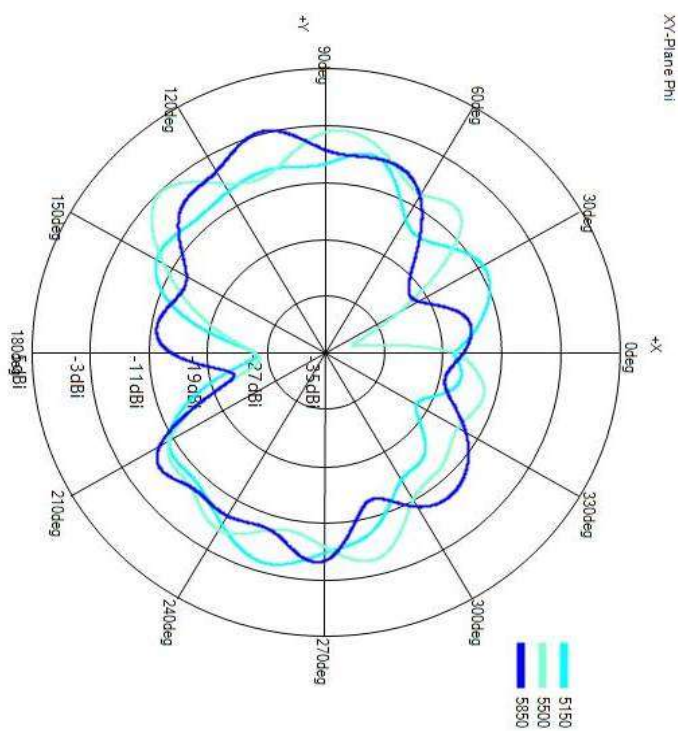
Ant. Position: 5G Ant.6~9

Regulatory WIFI Antenna Information

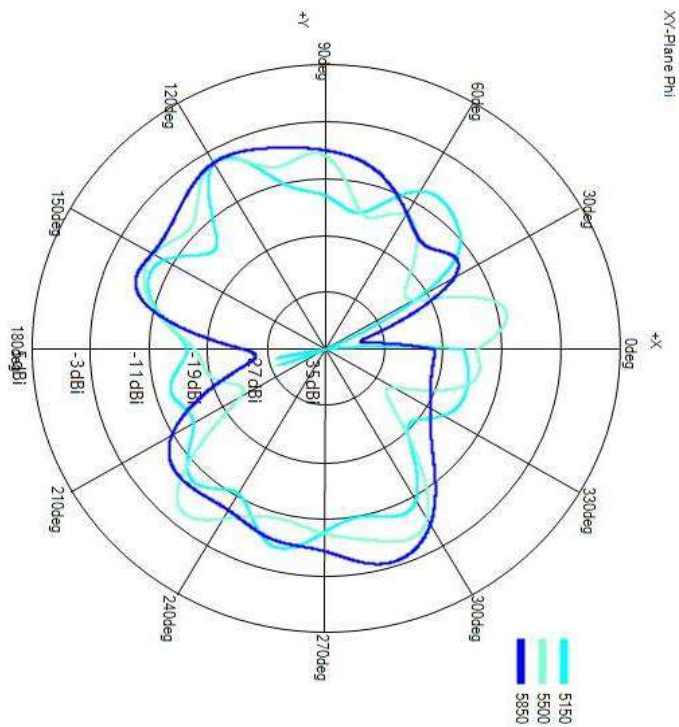
XY_Pol._Phi_Ant.6



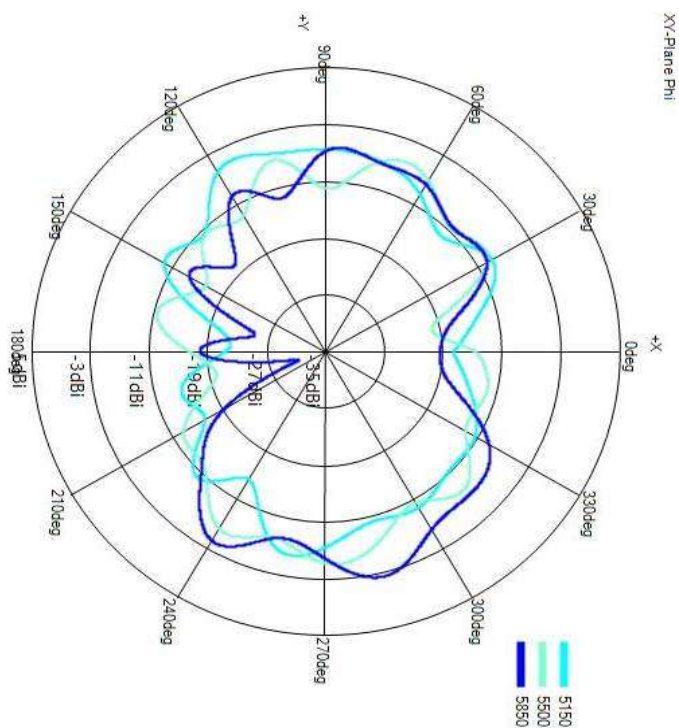
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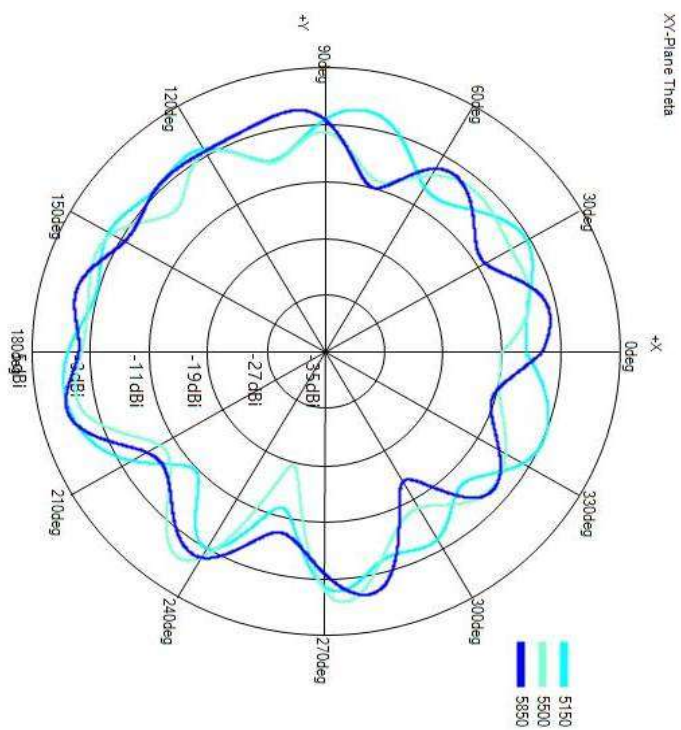
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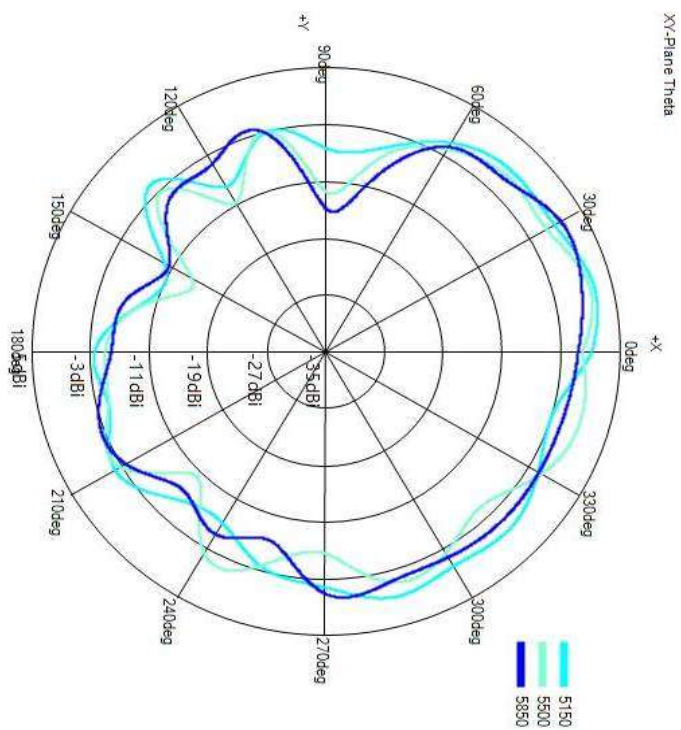
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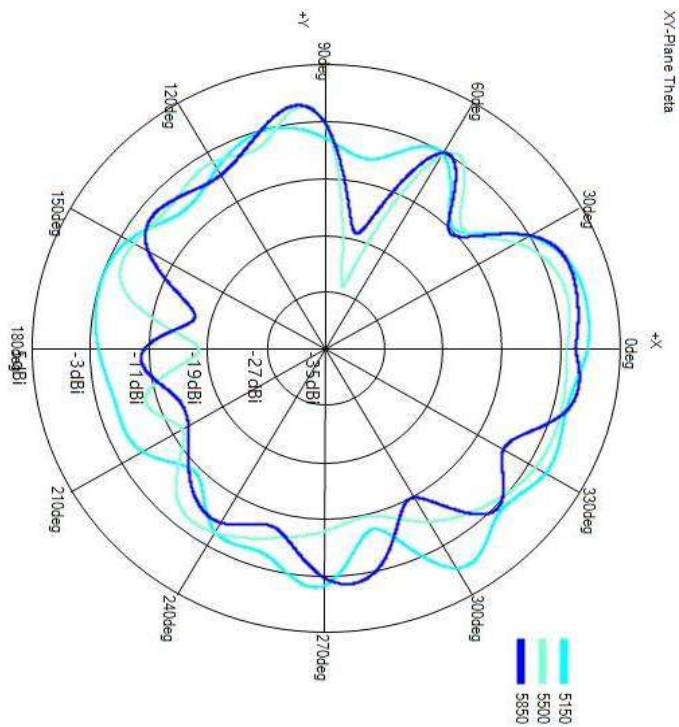
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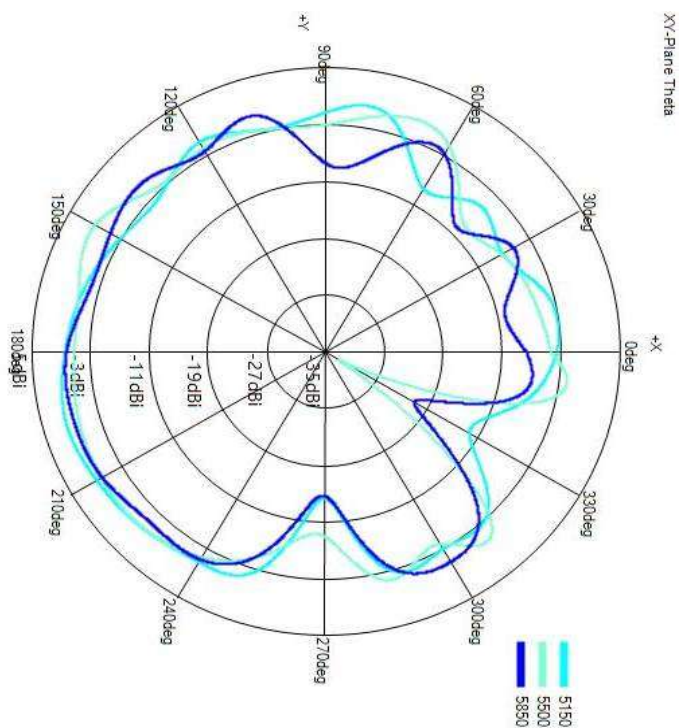
XY_Pol._theta_Ant.7



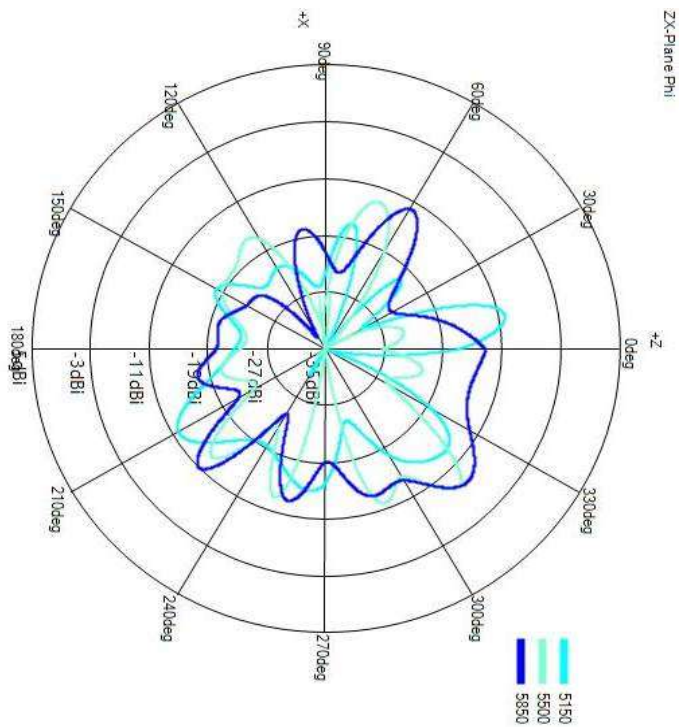
XY_Pol._theta_Ant.8



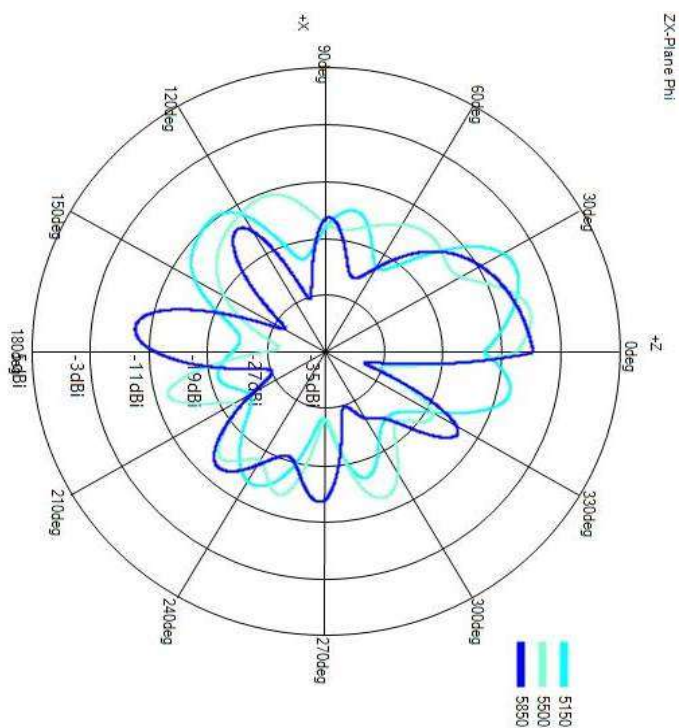
XY_Pol._theta_Ant.9



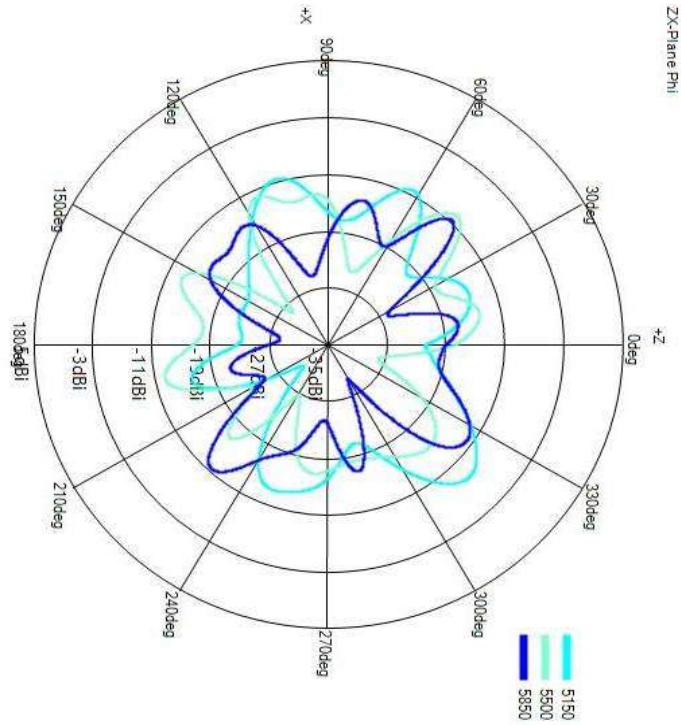
XZ_Pol._Phi_Ant.6



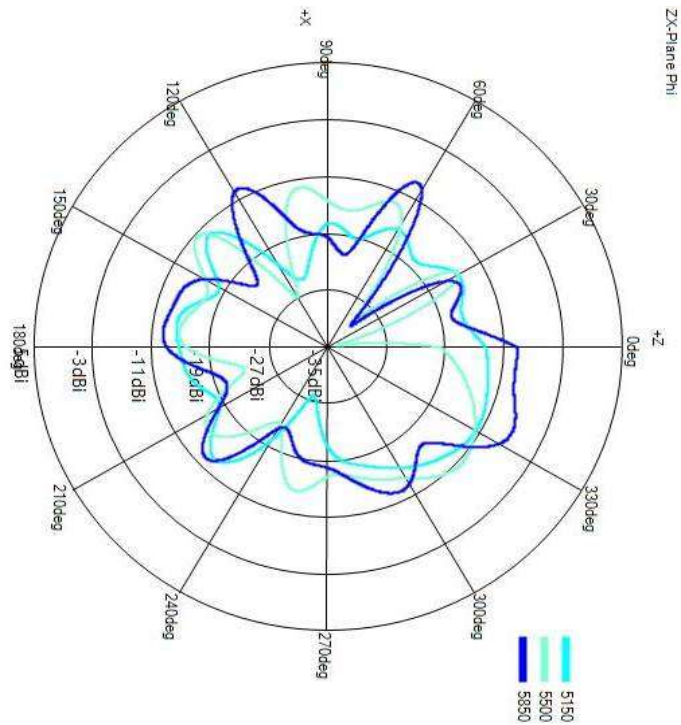
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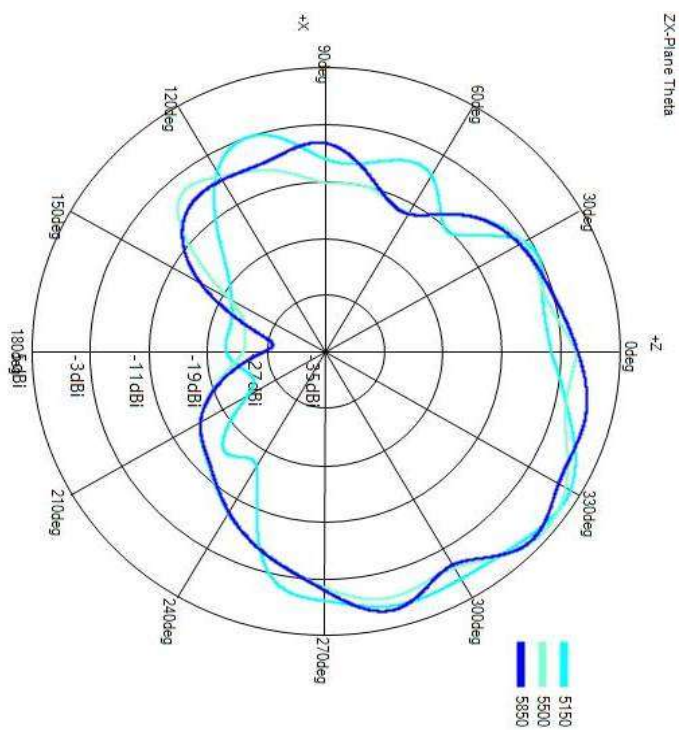
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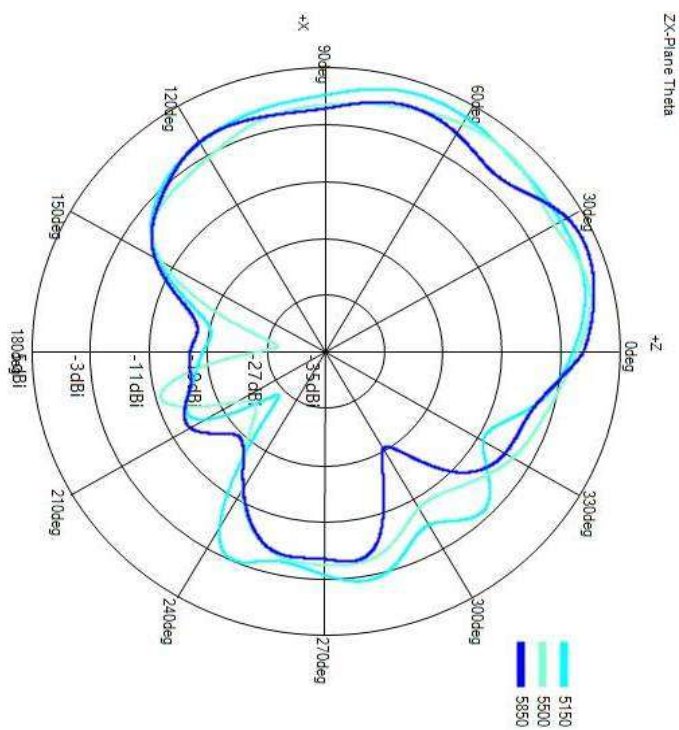
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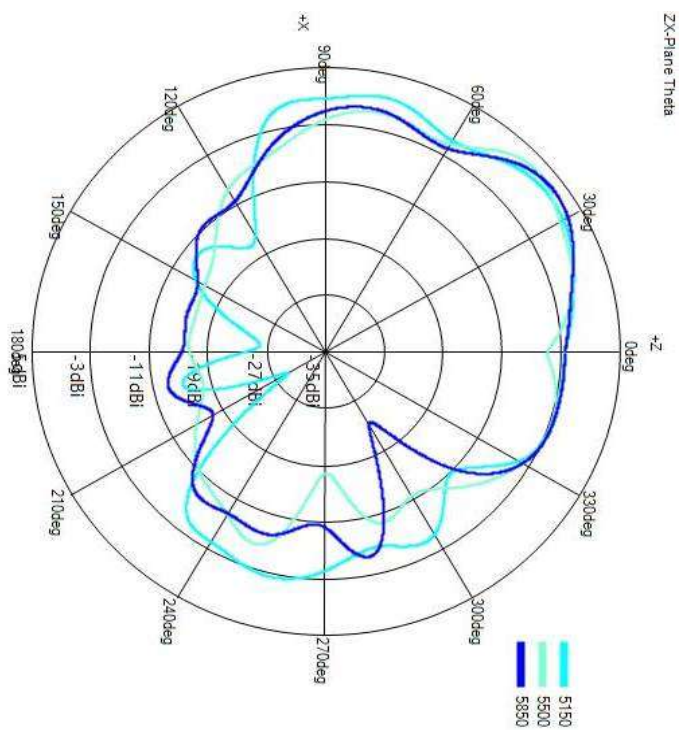
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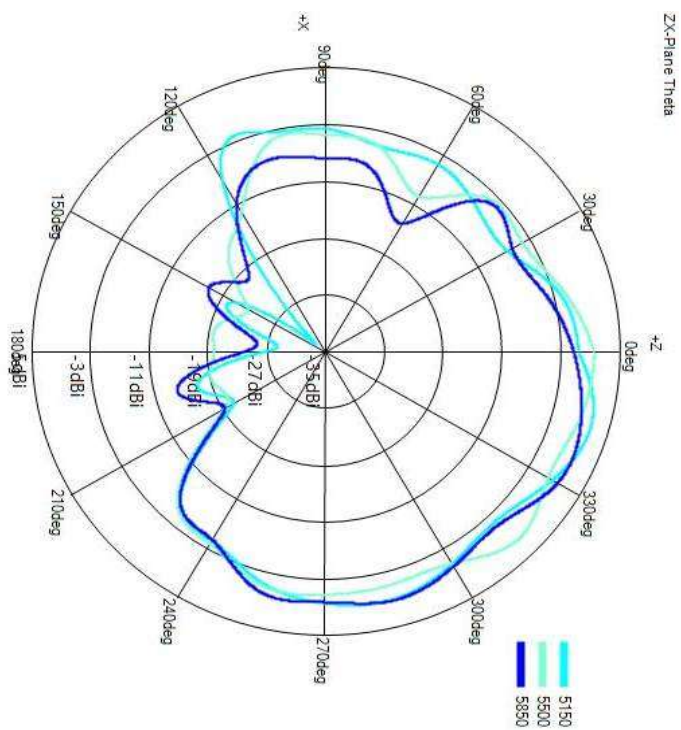
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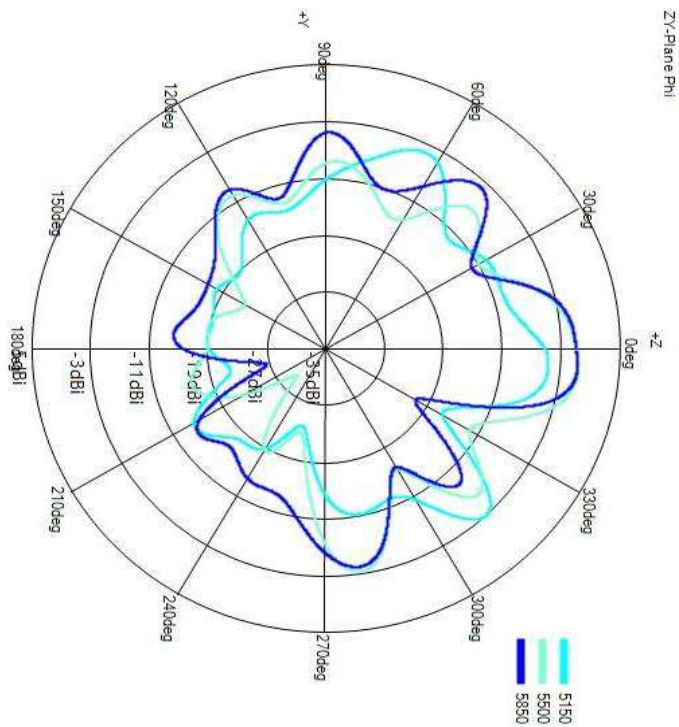
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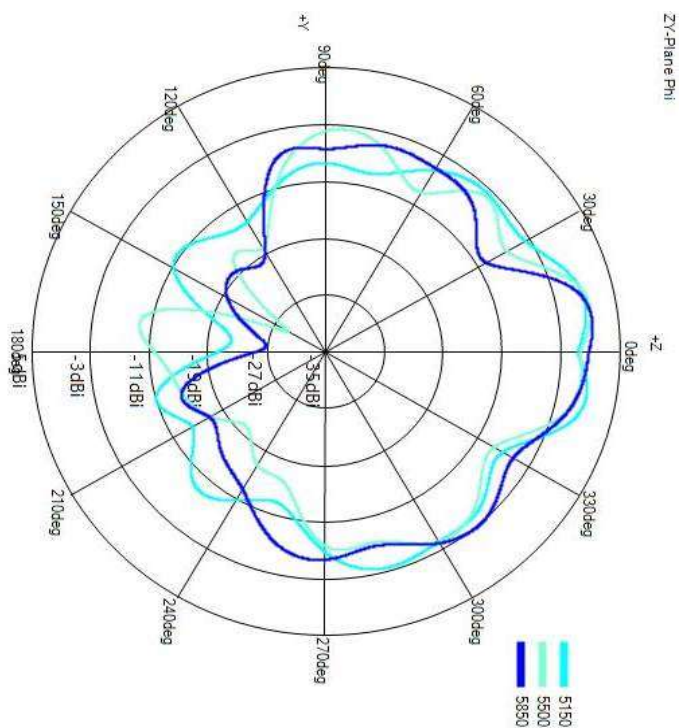
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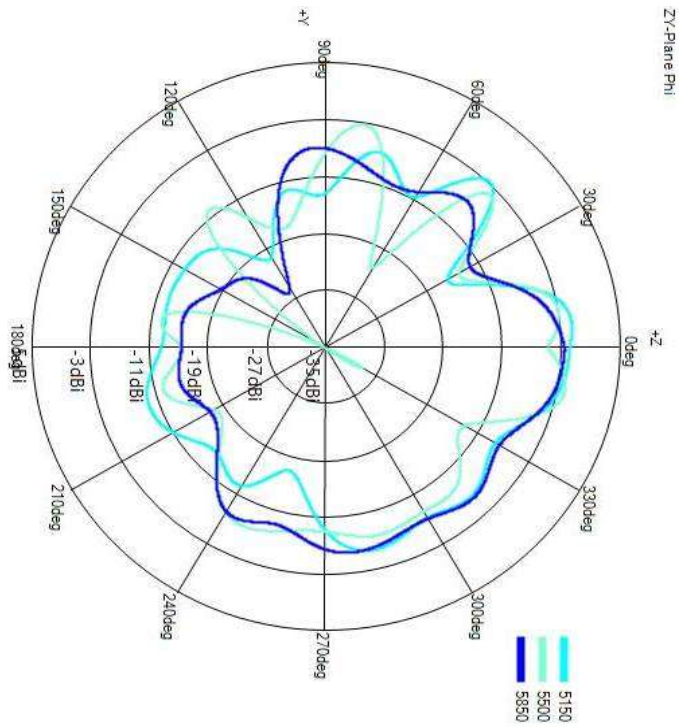
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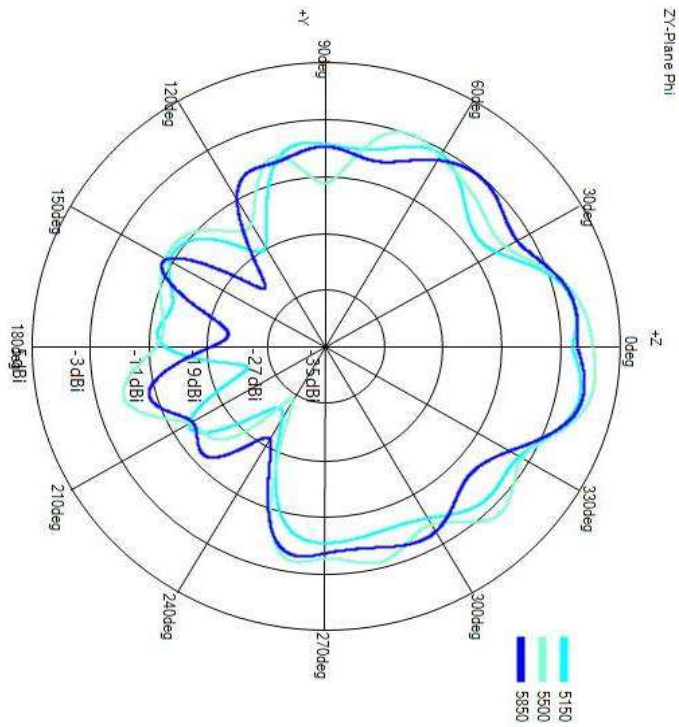
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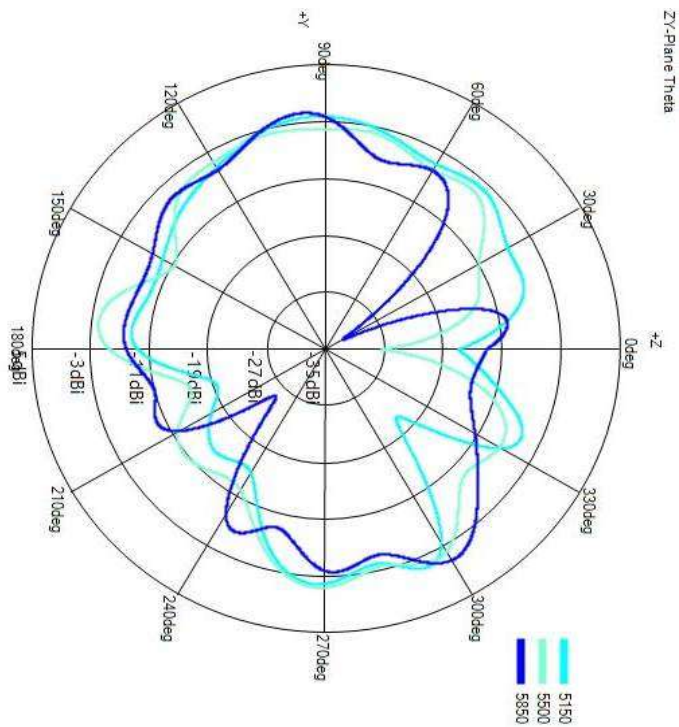
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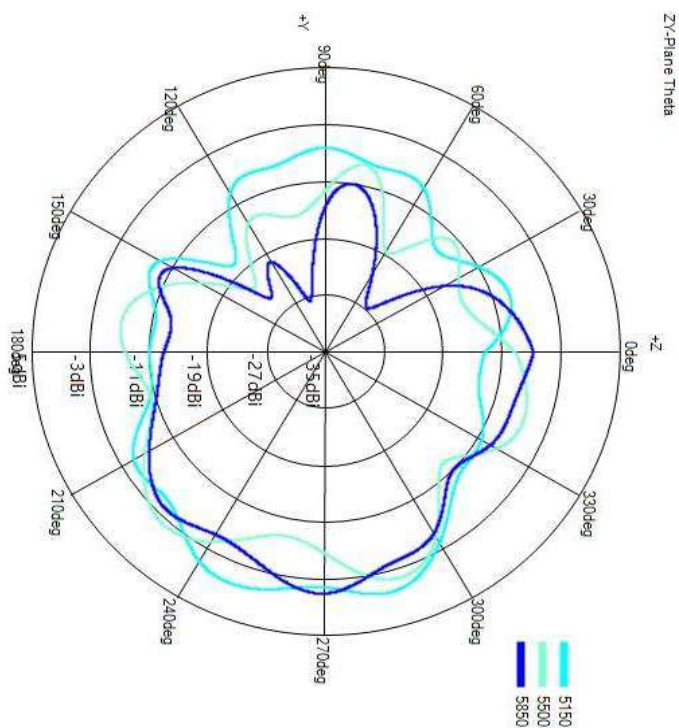
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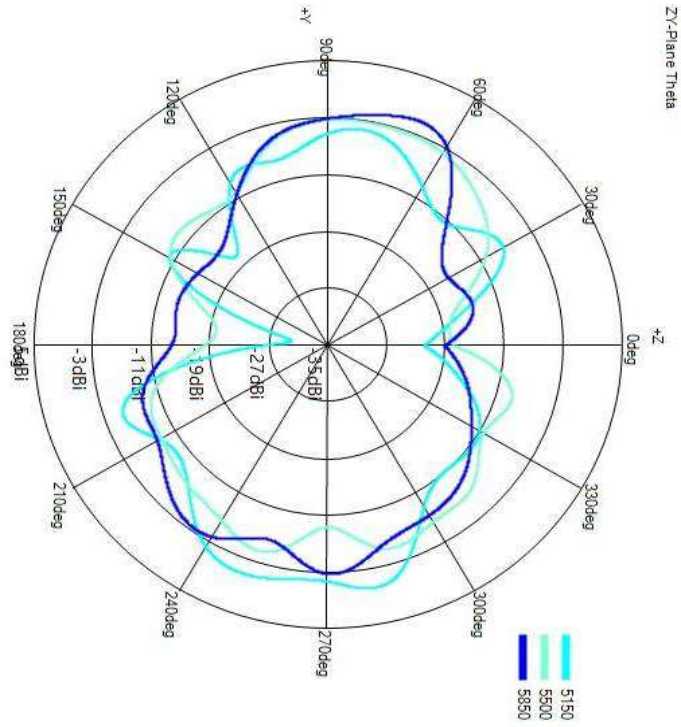
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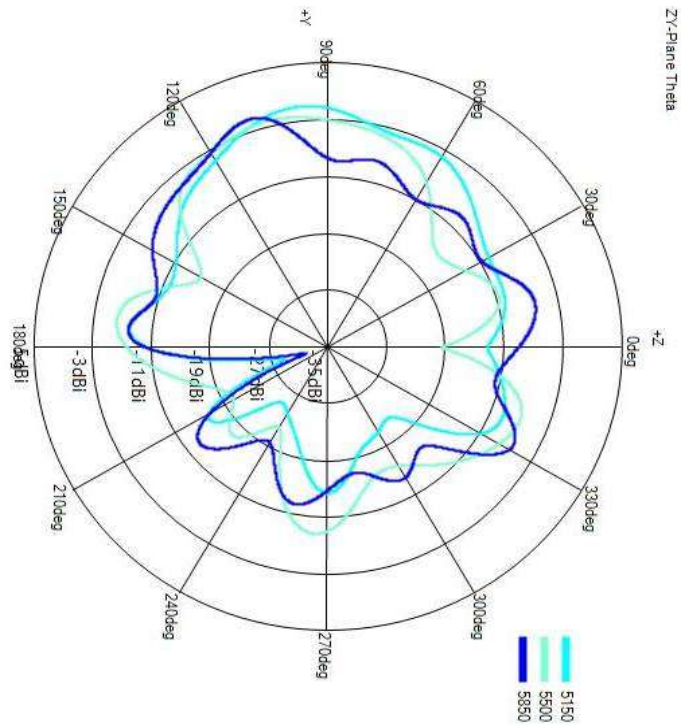
YZ_Pol_theta_Ant.7



YZ_Pol_theta_Ant.8



YZ_Pol._theta_Ant.9



Appendix _Radiated Total Gain Result

Ant. Position: 6G ANT 1 GAIN PHI

Frequency	Phi	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-4.01	-11.44	-8.43	-17.11	-14.26	-16.59	-21.34	-16.48	-18.93	-10.64	-26.77	-11.77	-11.77
5925	15	-3.52	-6.36	-6.66	-17.73	-8.82	-15	-13.01	-20.38	-16.93	-15.53	-16.9	-16.11	-16.11
5925	30	-1.28	-3.5	-6.97	-17.19	-3.16	-27.85	-9.85	-9.3	-27.47	-11.45	-19.47	-9.94	-9.94
5925	45	-0.31	-1.68	-6.33	-13.47	-7.45	-10.13	-11.93	-12.63	-9.83	-8.16	-16.24	-23.75	-23.75
5925	60	-0.1	-1.67	-15.11	-9.69	-10.09	-9.88	-17.17	-13.89	-7.48	-8.36	-12.74	-10.95	-10.95
5925	75	0.95	-0.55	-6.35	-5.81	-7.93	-5.7	-10.99	-8.43	-5.24	-5.55	-9.2	-6.02	-6.02
5925	90	-0.24	-3.35	-3.08	-4.68	-8.05	-8.33	-6.81	-9.27	-9.48	-12.63	-14.85	-7.58	-7.58
5925	105	-1.72	-4.37	-5.24	-4.65	-7.82	-10.96	-7.71	-8.93	-17.7	-9.73	-11.93	-5.87	-5.87
5925	120	-3.45	-5.03	-7.83	-7.59	-9.53	-9.24	-6.49	-7.81	-15.75	-11.93	-10.12	-10.25	-10.25
5925	135	-6.89	-7.77	-20.42	-15.77	-18.64	-8.4	-9.96	-11.99	-12.01	-7.95	-13.83	-16.97	-16.97
5925	150	-7.51	-8.2	-15.21	-33.42	-27.3	-8.25	-11.18	-13.01	-13.25	-17.8	-25.14	-9.13	-9.13
5925	165	-7.08	-4.48	-8.78	-13.64	-19.18	-13.11	-19.81	-19.7	-19.6	-9.89	-22.99	-3.55	-3.55
5925	180	-6.24	-4.25	-10.95	-10.88	-11.34	-24.23	-11.91	-9.78	-16.65	-13.98	-26.32	-12.89	-12.89
5925	195	-1.85	-2.92	-13.04	-16.59	-6.42	-12.29	-6.15	-7.53	-14.56	-17.82	-11.51	-17.21	-17.21
5925	210	-0.15	-2.27	-13.31	-8.7	-8.53	-6.03	-2.97	-5.49	-8.03	-6.1	-6.92	-5.32	-5.32
5925	225	0.51	-1.76	-18.23	-3.52	-7.66	-7.22	-2.35	-7.91	-3.46	-1.02	-4.44	-20.71	-20.71
5925	240	0.39	-2.11	-11.34	-3.91	-5.42	-2.44	-1.95	-19.53	-5.23	-1.38	-2.78	-6.88	-6.88
5925	255	1.28	-2.05	-3.79	-6.35	-2.95	-1.49	-1.88	-8.67	-6.93	-4.62	-2.8	-4.61	-4.61
5925	270	-0.47	-2.86	-5.94	-3.68	-2.2	-3.76	-0.98	-6.07	-9.07	-6.13	-5	-2.92	-2.92
5925	285	-1.82	-6.63	-8.72	-8.04	-8.74	-6.62	-4.53	-12.58	-11.55	-6.06	-5.45	-2.76	-2.76
5925	300	-3.41	-5.51	-18.87	-6.43	-17.44	-13.46	-8.99	-17.09	-9.29	-10.89	-9.6	-8.28	-8.28
5925	315	-4.37	-7.97	-11.52	-12.31	-11.11	-15.17	-11.98	-8.73	-3.9	-7.33	-8.8	-20.16	-20.16
5925	330	-9.18	-12.2	-15.69	-15.53	-6.47	-9.24	-12.21	-12	-8.56	-14.98	-14.02	-25.03	-25.03
5925	345	-6.72	-23.04	-22.54	-22.46	-25.49	-20.07	-12.65	-15.3	-7.6	-12.67	-12.59	-12.03	-12.03
5925	360	-4.01	-11.44	-8.43	-17.11	-14.26	-16.59	-21.34	-16.48	-18.93	-10.64	-26.77	-11.77	-11.77
6500	0	-4.08	-11.56	-7.39	-14.84	-14.7	-19.83	-12.7	-15.72	-15.84	-15.9	-18.12	-11.84	-11.84
6500	15	-1.63	-7.43	-4.21	-18.39	-9.08	-12.53	-13.99	-14.71	-19.09	-11.07	-18.58	-8.45	-8.45
6500	30	-0.5	-4.11	-5.31	-12.54	-0.82	-10.19	-20.95	-13.78	-12.54	-14.11	-12.3	-9	-9
6500	45	0.21	0.49	-3.04	-13.73	-6.89	-6.75	-22.52	-15.67	-10.24	-27.19	-11.18	-18.41	-18.41
6500	60	1.4	-0.49	-7.21	-20.69	-12.92	-4.07	-9.28	-13.86	-8.73	-7.58	-10.6	-4.53	-4.53
6500	75	0.59	-2.63	-7.9	-11.3	-6.47	-2.96	-6.37	-6.21	-6.96	-7.44	-13.97	-2.07	-2.07
6500	90	-0.27	-0.4	-4.41	-5.28	-6.56	-7.08	-9.77	-4.27	-7.68	-12.07	-11.26	-4.93	-4.93
6500	105	-0.24	-1.63	-4.61	-10.45	-7.85	-12.18	-8.37	-3.99	-13.45	-25.05	-16.87	-6.75	-6.75
6500	120	-1.96	-5.21	-5.29	-15.35	-10.51	-12.71	-9.4	-5.4	-13.72	-15.42	-14.44	-9.08	-9.08
6500	135	-4.93	-5.93	-5.88	-7.78	-10.47	-11.51	-9	-13.58	-12.28	-21.87	-29.06	-20.07	-20.07
6500	150	-9.89	-6.29	-8.98	-11.65	-16.8	-14.51	-12.12	-20.01	-10.07	-11.58	-16.29	-17.54	-17.54
6500	165	-8.46	-7.41	-6.58	-3.79	-8.25	-11.76	-21.5	-10.28	-6.98	-14.41	-16.21	-5.51	-5.51
6500	180	-3.76	-7.31	-7.28	-4.38	-11.8	-4.81	-8.61	-9.97	-3.59	-10.22	-20.59	-9.95	-9.95
6500	195	-1.68	-3.84	-11.49	-7.81	-6.08	-4.15	-6.65	-5.79	-5.63	-5.5	-12.24	-8.8	-8.8
6500	210	-0.72	-2.38	-7.47	-1.84	-3.72	-6.07	-3.44	-3.18	-11.22	-3.91	-3.46	-9.34	-9.34
6500	225	1.03	-2.32	-4.23	-2.19	-2.87	-4.56	-4.88	-2.83	-5.87	-0.35	-1.72	-13.2	-13.2
6500	240	1.67	-1.78	-7.54	-3.43	-4.14	-4.42	-3.27	-2.48	-10.63	-0.46	-0.97	-6.3	-6.3
6500	255	1.18	-1.31	-10.29	-4.58	-5.79	-2.46	-4.66	-7.06	-8.17	-1.55	-0.67	-1.96	-1.96
6500	270	-0.06	-0.64	-4.96	-4.74	-5.93	-3.73	-3.36	-4.82	-9.39	-3.33	-1.59	-3.15	-3.15
6500	285	-2.1	-1.32	-8.3	-7.41	-1.77	-3.98	-1.77	-7.16	-9.9	-3.95	-3.68	-1.18	-1.18
6500	300	-3.41	-4.43	-6.07	-6.96	-8.69	-4.82	-13.04	-10.66	-11.17	-5.91	-6.6	-4.27	-4.27
6500	315	-4.55	-10.14	-20.02	-14.24	-18.99	-11.6	-12.78	-13.19	-8.26	-7.69	-8.25	-7.96	-7.96
6500	330	-8.5	-17.3	-25.08	-13.69	-11.33	-15.89	-27.5	-17.45	-8.41	-32.98	-11.53	-11.45	-11.45
6500	345	-7.26	-14.2	-32.37	-19.49	-17.66	-12.21	-11.08	-14.09	-13.66	-21.46	-18.1	-9.64	-9.64
6500	360	-4.08	-11.56	-7.39	-14.84	-14.7	-19.83	-12.7	-15.72	-15.84	-15.9	-18.12	-11.84	-11.84
7125	0	-5.86	-12.13	-18.3	-5.53	-11.8	-19.09	-11.71	-10.68	-10.3	-14.45	-19.23	-17.99	-17.99
7125	15	-5.82	-7.03	-8.8	-12.14	-16.18	-7.26	-7.4	-9.99	-11.52	-18.91	-26.51	-11.43	-11.43
7125	30	-4.23	-5.94	-3.56	-12.13	-5.55	-10.3	-10.56	-17.66	-10.49	-11.37	-18.2	-10.3	-10.3
7125	45	-2.23	-3.04	-2.14	-6.48	-7.11	-4.68	-16.49	-19.14	-22.82	-12.56	-22.84	-16.42	-16.42
7125	60	-1.28	-2.87	-4.19	-12.21	-15.02	-7.37	-24.26	-11.3	-7.99	-7.99	-20.96	-6.82	-6.82
7125	75	-0.93	-1.12	-5.73	-13.12	-9.06	-8.75	-8.02	-9.15	-4.42	-17.19	-15.17	-7.86	-7.86
7125	90	-1.42	1.27	-3.53	-11.36	-7.03	-9	-7.62	-7.44	-5.28	-18.06	-22.4	-12.3	-12.3
7125	105	-1.65	0.37	-2.15	-8.92	-8.62	-16.46	-13.73	-10.25	-12.96	-16.93	-7.8	-13.57	-13.57
7125	120	-3.81	1.17	-3.44	-11.3	-9.97	-12.34	-9.88	-10.21	-6.72	-22.17	-11.1	-19.14	-19.14
7125	135	-6.36	-2.68	-3.29	-4.23	-6.6	-14.28	-14.48	-8.29	-11.92	-17.6	-27.37	-21.96	-21.96
7125	150	-6.63	-7.55	-7.2	-3.87	-7.96	-16.91	-22.24	-23.31	-17.5	-9.36	-15.12	-14.4	-14.4
7125	165	-9.91	-10.47	-10.95	-12.24	-7.27	-7.65	-6.85	-9.3	-7.88	-14.67	-25.98	-12.88	-12.88
7125	180	-4.62	-6.39	-13.26	-25.55	-9.39	-5.81	-10.61	-17.36	-8.88	-18.97	-19.61	-9.75	-9.75
7125	195	-5.83	-3.78	-11.29	-9.48	-2.67	-9.45	-6.11	-9.31	-6.73	-5.67	-22.01	-11.79	-11.79
7125	210	-2.82	-3.7	-5.55	-10	-0.48	-8.98	-4.98	-8.5	-2.86	-5.34	-7.18	-12.27	-12.27
7125	225	-2.5	-2.55	-4.36	-7.77	0.76	-3.65	-3.24	-6.08	-1.64	-2.06	-1.9	-25.68	-25.68
7125	240	-1.08	-2.73	-5.45	-2.28	-2.59	-3.09	-1.71	-5.33	-5.9	-3.28	-1.95	-4.78	-4.78
7125	255	-0.38	-3.92	-9.47	-2.51	-3.71	-5.77	-1.09	-5.71	-9.57	-7.16	-2.36	-1.83	-1.83
7125	270	0.12	-1.99	-12.27	-6.01	-5.75	-4.81	-2.89	-2.86	-15.05	-4.49	-2.56	-2.74	-2.74
7125	285	-2.08	-1.65	-6.39	-6.1	-6.72	-6.94	-3.15	-4.12	-8.08	-3.54	-5.96	-5.03	-5.03
7125	300	-1.06	0.14	-17.44	-9.01	-10.45	-12.91	-7.96	-6.74	-8.75	-4.02	-12.02	-3.54	-3.54
7125	315	-4.52	-0.42	-14.12	-15.58	-10.05	-20.47	-16.5	-7.11	-10.45	-6.54	-11.04	-4.73	-4.73
7125	330	-7.11	-4.2	-13.88	-14.72	-12.33	-12.41	-10.83	-14.08	-5.83	-17.64	-11.62	-7.35	-7.35
7125	345	-7.4	-10.49	-11.51	-13.78	-25.24	-10	-7.93	-8.82	-13.62	-21.46	-13.91	-23.09	-23.09
7125	360	-5.86	-12.13	-18.3	-5.53	-11.8	-19.09	-11.71	-10.68	-10.3	-14.45	-19.23	-17.99	-17.99

Ant. Position: 6G ANT 1 GAIN THETA

Frequency	Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-0.49	-4.65	-12.55	-19.87	-10.51	-6.93	-9.45	-9.53	-6.37	-17.58	-11.55	-11.91	-11.91
5925	15	-1.84	-4.53	-12.69	-9.48	-20.98	-23.24	-9.85	-18.17	-11.71	-8.89	-14.92	-17.64	-17.64
5925	30	-3.43	-7.55	-4.79	-13.13	-11.26	-7.92	-16.32	-16.31	-14.86	-16.29	-13.25	-12.92	-12.92
5925	45	-4.39	-16.35	-5.82	-8.57	-5.25	-3.45	-7.61	-19.29	-14.64	-8.94	-6.73	-22.01	-22.01
5925	60	-9.2	-10.24	-15.68	-4.83	-4.33	-3.89	-5.76	-8.16	-6.81	-15.11	-11.56	-10.68	-10.68
5925	75	-6.74	-4.95	-10.11	-17.72	-7.4	-9.45	-11.55	-12.85	-9.43	-10.75	-9.72	-8.28	-8.28
5925	90	-4.02	-2.36	-7.92	-4.71	-7.8	-9.4	-13.38	-12.96	-13	-13.97	-9.22	-5.15	-5.15
5925	105	-3.54	0.51	-2.39	-1.12	-4.67	-2.33	-2.21	-5.54	-10.97	-14.71	-10.2	-8.32	-8.32
5925	120	-1.29	2.36	0.81	1.86	-1.16	-1.46	-1.1	-5.2	-5.15	-8.83	-9.94	-7.84	-7.84
5925	135	-0.32	2.58	1.35	2.13	1.54	-0.82	-1.1	-2.49	-6.29	-11.29	-5.63	-11.39	-11.39
5925	150	-0.12	1.8	1.03	1.75	1.64	0.7	-0.93	-1.96	-3.89	-11.59	-16.77	-13.43	-13.43
5925	165	0.93	0.57	1.16	0.04	1.18	0.61	-0.93	-1.41	-5.44	-11.53	-17.02	-13.57	-13.57
5925	180	-0.25	0.5	1.9	-0.85	-1.3	-1.45	-1.49	-1.34	-6.36	-21.5	-16.07	-9.57	-9.57
5925	195	-1.74	-0.01	-4.83	-1.56	-0.74	-1.46	-0.24	-1.44	-5.91	-11.17	-14.94	-8.07	-8.07
5925	210	-3.47	-2.88	-4.37	-2.08	0.33	-1.84	-1.84	-2.12	-10.26	-14.9	-7.5	-8.23	-8.23
5925	225	-6.91	-2.89	-3.04	-1.69	-1.65	0.95	-4.25	-2.11	-7.96	-26.41	-10.59	-23.61	-23.61
5925	240	-7.53	-7.77	-2.23	-6.11	-3.41	-2.32	-2.01	-1.79	-2.17	-9.89	-5.54	-14.32	-14.32
5925	255	-7.1	-4.57	-8.18	-4.19	-7.71	-3.66	-1.75	-2.71	-4.05	-5.87	-5.98	-14.63	-14.63
5925	270	-6.25	-4.71	-6.24	-9.1	-4.11	-2.72	-4.1	-4.14	-2.5	-4.86	-5.28	-10.88	-10.88
5925	285	-1.86	-2.91	-6.71	-6.96	-5.37	-2.96	-5.71	-7.45	-2.87	-5.13	-3.46	-6.42	-6.42
5925	300	-0.17	-1.81	-7.26	-11.03	-14.85	-9.71	-3.88	-6.48	-1.29	-0.79	-4.72	-4.55	-4.55
5925	315	0.5	-1.24	-8.79	-10.85	-4.51	-2.24	-2.75	-2.35	-1.9	-4.68	-4.4	-7.9	-7.9
5925	330	0.37	-2.19	-7.63	-9.12	-12.79	-9.88	-2.57	-1.26	-3.16	-5.18	-4.79	-14.91	-14.91
5925	345	1.27	-2.29	-8.64	-6.29	-10.5	-13.56	-9.49	-10.96	-7.3	-16.02	-5.44	-11.64	-11.64
5925	360	-0.49	-4.65	-12.55	-19.87	-10.51	-6.93	-9.45	-9.53	-6.37	-17.58	-11.55	-11.91	-11.91
6500	0	0.06	-2.23	-12.55	-9.71	-13.32	-11.58	-8.18	-4.2	-6.16	-13.51	-8.03	-5.71	-5.71
6500	15	-1.98	-2.35	-8.64	-15.62	-18.92	-12.79	-9.95	-21.76	-6.42	-8.56	-10.83	-4.25	-4.25
6500	30	-3.3	-2.19	-2.99	-11.2	-14.55	-7.15	-10.73	-16.2	-26.65	-9.56	-8.22	-8.56	-8.56
6500	45	-4.44	-9.52	-4.71	-6.05	-0.26	-4.54	-10.28	-9.29	-5.15	-16.15	-7.67	-28.38	-28.38
6500	60	-8.39	-7.66	-7.19	-1.42	-4.88	-1.51	-1.5	-2.35	-7.43	-13.19	-14.83	-15.81	-15.81
6500	75	-7.15	-2.37	-22.24	-11.65	-4.89	-5.18	-7.59	-7.5	-13.32	-26.51	-14.87	-9.53	-9.53
6500	90	-3.96	-2.75	-5.85	-1.1	-18.13	-9.73	-13.69	-10.98	-7.63	-8.93	-10.08	-9	-9
6500	105	-1.52	-0.36	-2.79	-0.52	-1.01	-2.13	-3.64	-4.47	-8.1	-15.36	-10.77	-6.78	-6.78
6500	120	-0.39	0.78	-2.3	-0.22	0.88	1.7	-1.55	-2.53	-5.16	-12.04	-12.37	-4.13	-4.13
6500	135	0.32	1.32	0.08	0.26	0.99	1.37	-0.09	-4.26	-11.78	-12.32	-12.03	-4.24	-4.24
6500	150	1.51	-1.26	-0.25	1.67	2.33	0.61	0.21	-1.61	-6.64	-18.34	-11.37	-9.51	-9.51
6500	165	0.7	-0.06	-3.25	-2.73	-1.88	-0.02	-0.44	-2.88	-10.77	-22.58	-14.89	-12.9	-12.9
6500	180	-0.15	-0.33	-8.83	-1.53	-0.67	-0.02	-1.6	-2.32	-10.69	-22.9	-10.77	-8.97	-8.97
6500	195	-0.13	-3.71	-4.21	-2.19	-3.23	0.33	1.35	-0.82	-7.53	-15.19	-15.68	-4.87	-4.87
6500	210	-1.84	-4.63	-2.68	-4.9	-0.87	2.33	-0.11	-3.75	-6.15	-13.58	-4.5	-15.01	-15.01
6500	225	-4.82	-5.68	-6.85	-5.23	-1.66	0.35	-1.27	-0.74	-3.73	-10.93	-11.71	-24.33	-24.33
6500	240	-9.78	-4.6	-7.43	-1.62	-1.65	-2.03	-0.19	2.16	-5.37	-17.2	-10.65	-17.33	-17.33
6500	255	-8.34	-4.12	-4.86	-6.88	-1.33	-7.52	-0.41	1.43	-3.25	-12.47	-8.87	-8.57	-8.57
6500	270	-2.64	-2.1	-6.87	-7.64	-6.14	-3.93	0.13	-0.68	-5.78	-8.33	-5.86	-8.08	-8.08
6500	285	-1.57	-2.05	-6.84	-22.48	-6.61	-1.62	-2.83	-1.71	-3.17	-3.76	-4.09	-6.11	-6.11
6500	300	-0.61	-0.76	-4.33	-24.84	-11.68	-8.03	-2.11	-0.78	-1.09	-1.12	-4.26	-1.53	-1.53
6500	315	1.15	-1.47	-7.97	-10.27	-2.74	-10.69	-4.94	-1.92	-0.98	-1.2	-6.16	-2.92	-2.92
6500	330	1.79	-0.91	-9.73	-28.11	-13.1	-6.47	-1.26	-2.34	-2.39	-3.73	-3	-4.97	-4.97
6500	345	1.3	-2.98	-13.15	-6.98	-9.1	-8.59	-6.1	-12.2	-19.53	-11.03	-3.86	-9.11	-9.11
6500	360	0.06	-2.23	-12.55	-9.71	-13.32	-11.58	-8.18	-4.2	-6.16	-13.51	-8.03	-5.71	-5.71
7125	0	0.09	-5.85	-16	-14.59	-12.16	-10.59	-9.61	-5.75	-9.74	-8.3	-29.11	-4.53	-4.53
7125	15	-2.11	-4.13	-8.72	-14.81	-11.97	-16.71	-7.8	-19.99	-14.62	-8.9	-9.52	-5.34	-5.34
7125	30	-1.09	-4.96	-1.44	-13.81	-11.72	-6.26	-7.7	-24.76	-8.5	-15.05	-6.32	-10.71	-10.71
7125	45	-4.54	-8.85	-4.65	-6.53	-4.52	-8.59	-8.48	-5.14	-4.95	-4.97	-10.2	-14.69	-14.69
7125	60	-7.14	-5.8	-14.78	-4.71	-2.22	-5.11	-3.67	-2.94	-5.65	-8.63	-12.89	-12.76	-12.76
7125	75	-7.43	-4.56	-12.96	-9.06	-4.54	-4.6	-7.21	-14.96	-18.33	-12.79	-21.41	-8.34	-8.34
7125	90	-5.89	-9.12	-9.68	-8.86	-15.34	-16.43	-27.75	-30.92	-23.08	-20.22	-21.54	-6.48	-6.48
7125	105	-5.83	-4.13	-4.68	-3.64	-4.95	-4.7	-5.98	-8.71	-15.13	-12.63	-15.57	-7.12	-7.12
7125	120	-4.26	-0.56	-2.23	-1.2	-1.29	-0.63	-3.07	-2.04	-9.17	-6.91	-8.57	-5.98	-5.98
7125	135	-2.26	2.07	-2.93	-0.09	0.99	0.42	0.81	-2.61	-5.16	-14.54	-9.85	-31.05	-31.05
7125	150	-1.31	2.38	0.41	0.75	-0.41	-1.13	0.15	-2.03	-6.47	-7.79	-12.74	-21.51	-21.51
7125	165	-0.96	1.37	0.66	-0.69	-1.99	-0.37	-2.27	-2.92	-6.27	-10.47	-12.33	-18.26	-18.26
7125	180	-1.45	0.44	-1.72	-0.41	-0.34	0.47	0.12	-1.92	-3.77	-7.68	-9.37	-9.97	-9.97
7125	195	-1.67	0.22	-1.81	-0.38	-1.1	0.82	-1.12	-7.02	-3.98	-11.35	-10.92	-6.5	-6.5
7125	210	-3.83	-3.4	-0.2	-4.39	-0.65	0.84	-1.65	-1.84	-3.4	-7.22	-8.51	-12.92	-12.92
7125	225	-6.39	-3.77	-6.54	-4.49	0.09	1.68	-2.96	-2.14	-10.12	-5.94	-10.21	-14.82	-14.82
7125	240	-8.66	-3.7	-15.68	-9.11	-0.33	-0.11	-4.33	-3.24	-5.02	-9.31	-15.01	-17.31	-17.31
7125	255	-9.94	-4.81	-18.1	-7.38	-1.82	-0.74	-3.72	0.6	-2.61	-13.34	-13.74	-13.93	-13.93
7125	270	-4.65	-5.85	-13.32	-11.74	-5.51	-6.11	-2.28	1.08	-7.76	-30.33	-9.51	-9.3	-9.3
7125	285	-5.86	-5.54	-9	-11.61	-6.01	-18.74	-6.16	-1.29	-4.33	-12.75	-5.72	-6.35	-6.35
7125	300	-2.85	-5.14	-8.94	-18.06	-6.7	-8.94	-7.77	-5.41	-3.94	-4.42	-4.57	-3.07	-3.07
7125	315	-2.53	-3.39	-5.85	-16.77	-6.89	-12.97	-0.91	-1.75	-2.11	-0.84	-14.96	-6.09	-6.09
7125	330	-1.08	-7.55	-2.5	-14.97	-9.76	-16.97	-3.99	-7.06	-9	-3.06	-8.96	-6.55	-6.55
7125	345	-0.41	-18.35	-12.38	-9.88	-6.06	-12.46	-7.89	-17.83	-15.02	-5.53	-6.92	-2.45	-2.45
7125	360	0.09	-5.85	-16	-14.59	-12.16	-10.59	-9.61	-5.75	-9.74	-8.3	-29.11	-4.53	-4.53

Ant. Position: 6G ANT 2 GAIN PHI

Frequency	Phi	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-4.55	-6.15	-12.45	-7.23	-2.35	-11.81	-10.96	-10	-13.5	-15.79	-14.77	-27.9	-27.9
5925	15	-6.73	-4.87	-11.31	-9.45	-7	-2.94	-10.28	-13.33	-13.4	-11	-23.39	-20.5	-20.5
5925	30	-8.32	-7.26	-7.89	-21.15	-5.05	-6.91	-15.18	-13.65	-21.12	-8.84	-23.28	-19.89	-19.89
5925	45	-9.34	-20.82	-4.65	-8.13	-13.05	-14.84	-11.82	-12.31	-9.58	-14.42	-9.17	-22.4	-22.4
5925	60	-8.34	-12.34	-8.59	-11.2	-13.04	-14.89	-26.92	-21.9	-14.73	-10.47	-9.37	-13.65	-13.65
5925	75	-8.44	-8.28	-15.05	-19.25	-17.32	-12.31	-21.65	-34.28	-11.11	-8.68	-12.07	-15.58	-15.58
5925	90	-10.87	-12.95	-10.25	-16.96	-9.66	-14.32	-13.48	-12.81	-5.84	-7.56	-14.99	-20.71	-20.71
5925	105	-8.98	-11.51	-17.1	-16.89	-17.78	-10.18	-22.05	-8.47	-1.99	-4.93	-21.41	-15.93	-15.93
5925	120	-7.56	-7.92	-17.33	-24.71	-27.92	-13.54	-15.72	-11.93	-7.52	-11.57	-24.88	-10.22	-10.22
5925	135	-7.15	-8.23	-9.64	-23.47	-19.54	-13.99	-26.7	-2.11	-5.46	-2.72	-12.84	-7.56	-7.56
5925	150	-5.08	-7.35	-11.5	-13.15	-14.94	-7.29	-11.48	-0.84	-2.13	-4.46	-6.36	-13.58	-13.58
5925	165	-5.05	-6.29	-20.26	-18.42	-14.54	-7.42	-5.26	1.57	0.27	-5.79	-8.62	-0.34	-0.34
5925	180	-6.39	-6.56	-20.04	-17.34	-10.79	-1.98	-5.37	-2.14	-5.65	-4.78	-20.64	-12.5	-12.5
5925	195	-6.27	-6.48	-12.54	-8.84	-12.75	-3.82	-8.79	-4.16	-10.03	-2.91	-16.84	-18.69	-18.69
5925	210	-6.1	-10.66	-10.65	-7.96	-6.52	-9.46	-12.16	-4.34	-6.92	-1.73	-11.89	-4.99	-4.99
5925	225	-7.6	-10.07	-6.45	-6.19	-5.41	-12.24	-8.59	-8.43	-3.16	-4.71	-6.28	-21.71	-21.71
5925	240	-9.76	-8.49	-9.4	-13.93	-5.62	-9.64	-17.31	-10.48	-2.55	-4.12	-7.78	-13.94	-13.94
5925	255	-12.8	-9.62	-22.29	-10.99	-17.34	-7.76	-15.55	-9.59	-4.77	-4.16	-11.05	-9.42	-9.42
5925	270	-11.7	-8.9	-12.74	-14.41	-12.58	-10.77	-32.17	-19.02	-12.17	-7.75	-8.9	-6.75	-6.75
5925	285	-8.33	-15.62	-20.69	-20	-12.57	-22.62	-10.63	-21.78	-12.24	-6.23	-8.62	-9.26	-9.26
5925	300	-9.02	-23.98	-13.77	-16.55	-8.74	-11.2	-10.33	-18.79	-23.91	-5.93	-14.43	-11.68	-11.68
5925	315	-7.26	-16.75	-7.28	-10.05	-10.17	-8.98	-10.5	-12.43	-12.97	-9.44	-15.08	-19.33	-19.33
5925	330	-6.38	-15.19	-4.75	-15.32	-4.31	-8.15	-10.55	-7.5	-5.11	-15.84	-7.17	-20.93	-20.93
5925	345	-7.5	-11.97	-12.34	-6.44	-4.32	-10.6	-18.42	-14.67	-10.16	-8.84	-7.08	-11.27	-11.27
5925	360	-4.55	-6.15	-12.45	-7.23	-2.35	-11.81	-10.96	-10	-13.5	-15.79	-14.77	-27.9	-27.9
6500	0	-11.21	-2.5	-8.45	-4.08	-8.88	-9.62	-20.81	-11.08	-15.06	-12.45	-15.96	-14.07	-14.07
6500	15	-15.39	-5.2	-3.8	-9.57	-12.4	-3.51	-5.8	-9.69	-15.28	-8.54	-18.44	-20.9	-20.9
6500	30	-9.89	-18.44	-3.45	-6.2	-8.91	-7.23	-6.8	-9.9	-9.24	-8.52	-8.37	-11.77	-11.77
6500	45	-13.74	-8.43	-3.11	-4.46	-8.14	-14.25	-19.83	-13.33	-20.04	-17.03	-5.78	-22.76	-22.76
6500	60	-16.44	-7.62	-6.95	-9.18	-11.37	-16.32	-26.27	-6.36	-9.54	-13.65	-13.21	-13.7	-13.7
6500	75	-18.83	-9.54	-12.74	-26.14	-12.18	-9.29	-9.82	-9.44	-9.24	-16.82	-15.13	-7.14	-7.14
6500	90	-16.58	-13.3	-15.2	-16.24	-17.46	-9.71	-10.48	-9.94	-7.83	-7.95	-14.52	-5.53	-5.53
6500	105	-18.37	-9.04	-21.69	-13.13	-14.11	-14.02	-11.49	-19.6	-6.82	-5.28	-8.88	-5.04	-5.04
6500	120	-26.11	-13.14	-12.41	-9.47	-17.41	-13.08	-12.48	-13.71	-15.29	-2.94	-11.6	-2.24	-2.24
6500	135	-19.97	-9.95	-13.23	-21.6	-6.22	-6.56	-8.07	-6.43	-3.38	1.03	-11.25	-3.3	-3.3
6500	150	-14.64	-9.25	-6.11	-6.33	-16.1	-15.85	-4.31	-8.34	-3.97	0.11	-6.3	-12.21	-12.21
6500	165	-14.85	-12.96	-8.45	-9.27	-16.58	-7.39	-3.85	-4.74	-0.56	-6.53	-3.82	1.75	1.75
6500	180	-18.81	-13.85	-16.05	-16.97	-9.08	-11.1	-3.87	-4.73	-6.21	-12.13	-10.17	1.81	1.81
6500	195	-25.22	-8.83	-8.45	-17.85	-6.18	-12.02	-6.07	-4.99	-18.27	-5.55	-11.63	-1.61	-1.61
6500	210	-16.41	-10.24	-7.35	-6.76	-7.23	-6.32	-5.63	-24.86	-5.82	-4.19	-6.27	-9.01	-9.01
6500	225	-16.25	-16.39	-8.97	-3.9	-4.62	-4.42	-7.57	-4.62	-2.07	-3.69	-5.72	-15.16	-15.16
6500	240	-21.09	-17.69	-14.01	-6.95	-7.99	-19.43	-7.52	-3.9	-22.01	-4.74	-13.71	-20.21	-20.21
6500	255	-18.15	-14.23	-9.43	-6.98	-16.98	-29.47	-8.7	-8.34	-18.92	-4.47	-19.48	-29.52	-29.52
6500	270	-17	-22.25	-17.16	-13.48	-12.05	-17.11	-12.81	-9.16	-12.32	-9.9	-10.31	-8.92	-8.92
6500	285	-15.54	-17.59	-9.77	-15.1	-18.17	-7.63	-9.05	-22.63	-8.64	-10.6	-18.34	-7.55	-7.55
6500	300	-11.11	-18.28	-26.79	-15.07	-19.01	-14.5	-6.62	-20.09	-15	-5.51	-19.5	-7.19	-7.19
6500	315	-18.88	-9.85	-18.18	-11.31	-16.23	-20.06	-10.52	-19.36	-11.07	-7.63	-12.6	-11.92	-11.92
6500	330	-12.5	-6.2	-6.24	-8.79	-2.06	-5.83	-13.27	-13.86	-13.56	-10.28	-5.39	-23.12	-23.12
6500	345	-15.25	-4.53	-11.71	-10.83	-5.32	-7.15	-15.99	-18.55	-7.65	-14.93	-6.31	-16.42	-16.42
6500	360	-11.21	-2.5	-8.45	-4.08	-8.88	-9.62	-20.81	-11.08	-15.06	-12.45	-15.96	-14.07	-14.07
7125	0	-10.64	-2.56	-6.59	-2.82	-8.87	-10.92	-9.15	-5.67	-10.48	-12.65	-12.77	-7.06	-7.06
7125	15	-7.95	-4.83	-4.73	-12.58	-6.77	-9.37	-4.63	-9.81	-18.03	-8.16	-18.91	-11.89	-11.89
7125	30	-5.31	-7.16	-5.85	-7.72	-8.25	-13.56	-11.24	-11.32	-16.42	-19.3	-17.19	-20.58	-20.58
7125	45	-9.73	-9.6	-6.96	-8.87	-9.34	-11.29	-11.99	-23.41	-18.47	-20.98	-10.42	-17.62	-17.62
7125	60	-8.88	-15.48	-13.49	-9.81	-8.51	-10.54	-12.37	-7.04	-23.82	-25.24	-17.12	-11.93	-11.93
7125	75	-9.5	-6.77	-14.04	-12.37	-6.45	-17.68	-8.91	-8.85	-14.24	-8.88	-10.07	-8.29	-8.29
7125	90	-8.9	-6.79	-18.01	-11.15	-14.49	-14.56	-11.1	-10.56	-9.27	-6.72	-9.11	-7.8	-7.8
7125	105	-6.7	-7.41	-25.79	-10.72	-15.37	-9.71	-10.17	-18.03	-8.02	-5.14	-7.81	-2.83	-2.83
7125	120	-9.63	-12.02	-12.1	-20.91	-5.53	-9.5	-13.25	-3.22	-23.41	-7.61	-6.21	-1.71	-1.71
7125	135	-7.88	-12.99	-5.82	-12.22	-7.79	-12.27	-7.46	-4.46	-4.5	-2.73	-7.23	-2.02	-2.02
7125	150	-9.11	-8.42	-11.52	-11.36	-4.37	-8.28	-8.66	-8	-4.58	-10.06	-11.66	-21.11	-21.11
7125	165	-9.89	-6.97	-15.51	-15.1	-6.04	-1.75	-10.34	-16.33	-2.97	-0.28	-8.45	-5.97	-5.97
7125	180	-7.86	-8.26	-16.94	-22.27	-6.18	-18.04	-3.76	-2.13	-4.04	-4.04	-14.81	-0.12	-0.12
7125	195	-5.69	-16.19	-13.07	-9.83	-13.51	-4.76	-3.96	-13.51	-3.85	-20.12	-21.69	-3.35	-3.35
7125	210	-7.08	-13.69	-26.22	-12.95	-8.84	-6.55	-5.03	-6.16	-22	-5.92	-11.34	-11.47	-11.47
7125	225	-8.04	-10.17	-6.93	-4.79	-9.02	-8.53	-5.33	-17.05	-7.98	-7.93	-30.27	-18.1	-18.1
7125	240	-9.38	-8.29	-7.11	-6.38	-11.55	-6.6	-7.28	-21.69	-7.52	-9.94	-12.04	-23.91	-23.91
7125	255	-7.01	-9.75	-11.77	-7.36	-9.84	-16.64	-12.27	-8.24	-10.99	-14.32	-15.03	-18.4	-18.4
7125	270	-10.64	-10.98	-11.74	-11.1	-27.08	-13.24	-6.55	-18.62	-13.33	-18.58	-26.91	-12.93	-12.93
7125	285	-10.7	-5.88	-8.64	-9.79	-11.25	-12.85	-11.2	-12.15	-16.21	-11.89	-11.71	-10.11	-10.11
7125	300	-9.88	-11.2	-12.79	-24.71	-10.71	-9.74	-15.84	-18.29	-13.26	-8.77	-16.49	-9.22	-9.22
7125	315	-12.17	-12.21	-11.38	-11.34	-12.7	-5.48	-6.15	-10.75	-11.44	-3.66	-13.47	-9.11	-9.11
7125	330	-11.1	-10.74	-5.7	-17.41	-9.59	-8.39	-7.26	-11.35	-19.94	-5.78	-13.54	-16.81	-16.81
7125	345	-12.69	-2.89	-8.14	-10.43	-15.19	-7.25	-11.88	-9.37	-21.21	-12.92	-7.22	-17.46	-17.46
7125	360	-10.64	-2.56	-6.59	-2.82	-8.87	-10.92	-9.15	-5.67	-10.48	-12.65	-12.77	-7.06	-7.06

Ant. Position: 6G ANT 2 GAIN THETA

Frequency	Theta	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-11.71	-8.53	-10.37	-16.97	-8.41	-8.69	-10.63	-11.04	-7.47	-11.29	-13.26	-21.9	-21.9
5925	15	-8.34	-22.35	-7.23	-10.07	-7.67	-5.57	-6.55	-5.39	-15.13	-12.84	-14.82	-14.61	-14.61
5925	30	-9.04	-8.83	-6.14	-2.49	-1.11	-3.8	-6.23	-10.37	-5.55	-11.35	-12.75	-12.33	-12.33
5925	45	-7.28	-5.04	-3.79	-1.45	-2.72	-7.42	-6.17	-2.75	-7.7	-15.57	-22.74	-28.73	-28.73
5925	60	-6.4	-8.18	-8.26	-5.22	-0.07	-3.25	-2.77	-1.78	-7.16	-19.79	-8.4	-9.9	-9.9
5925	75	-7.51	-7.98	-8.93	-8.41	-4.83	-2.95	-2.31	-2.99	-7.06	-23.2	-8.09	-10.78	-10.78
5925	90	-4.56	-5.42	-8.19	-7.69	-4.02	-4.82	-5.41	-0.83	-4.48	-22.04	-14.09	-9.21	-9.21
5925	105	-6.75	-6.91	-17.91	-9.04	-8.39	-2.83	-6.56	-4.4	-3.82	-12.71	-20.8	-15.9	-15.9
5925	120	-6.33	-15.44	-10.21	-8.61	-6.55	-8.52	-5.75	-4.24	-4.77	-17.59	-17.88	-12.29	-12.29
5925	135	-9.36	-13.99	-8.49	-9.32	-6.48	-8.8	-9.85	-15.08	-5.01	-7.93	-8.28	-15.14	-15.14
5925	150	-8.38	-6.99	-5.75	-12.46	-11.79	-9.4	-5.57	-2.29	-4.77	-3.88	-3.92	-16.59	-16.59
5925	165	-8.46	-4.8	-5.94	-5.06	-6.49	-11.87	-8.62	0.09	-0.98	-3.15	-2.37	-15.03	-15.03
5925	180	-10.89	-6.9	-7.73	-7.43	-3.65	-6.32	-3.8	-2.62	0.06	-4.26	-15.23	-6.98	-6.98
5925	195	-9	-6.33	-9.48	-7.73	-7.29	-4.77	-5.49	-2.24	-2.21	-4.61	-9.69	-18.2	-18.2
5925	210	-7.58	-8.67	-10.66	-13.22	-6.62	-8.32	-5.71	-1.61	-2.73	-6.69	-6.43	-10.89	-10.89
5925	225	-7.17	-9.39	-14.4	-17.29	-5.41	-5.31	-8.51	-2.42	-4.58	-11.56	-6.07	-10.59	-10.59
5925	240	-5.09	-15.04	-7.96	-6.39	-4.4	-2.15	-7.43	-6.85	-1.3	-15.22	-6.8	-19.12	-19.12
5925	255	-5.07	-24.2	-19.7	-8.36	-6.19	-5	-6.5	-5.03	-1.94	-6.84	-7.99	-11.96	-11.96
5925	270	-6.4	-16.78	-9.83	-8.87	-8.17	-8.42	-3.03	-2.7	-3.89	-5.01	-12.88	-15.99	-15.99
5925	285	-6.29	-11.82	-10.75	-10.19	-5.95	-6	-3.15	-1.66	-2.24	-3.81	-6.5	-16.79	-16.79
5925	300	-6.12	-6.18	-5.9	-12.84	-8.79	-3.39	-5.96	-2.44	-3.92	-5.34	-9.35	-14.59	-14.59
5925	315	-7.62	-4.8	-7.07	-8.76	-6.06	-2.68	-6.92	-9.26	-7.26	-6.66	-7.94	-14.3	-14.3
5925	330	-9.78	-6.27	-13.15	-5.12	-5.95	-5.47	-8.06	-16.71	-8.91	-8.52	-12.08	-31.7	-31.7
5925	345	-12.81	-6.46	-12.71	-6.79	-6.89	-26.89	-11.71	-17.04	-13.37	-16.96	-10.94	-10.99	-10.99
5925	360	-11.71	-8.53	-10.37	-16.97	-8.41	-8.69	-10.63	-11.04	-7.47	-11.29	-13.26	-21.9	-21.9
6500	0	-16.89	-12.61	-4.41	-12.23	-6.79	-12.92	-6.91	-9.33	-4.93	-10.88	-11.3	-7.68	-7.68
6500	15	-15.43	-12.81	-7.81	-9.23	-6.25	-2.89	-1.78	-2.02	-23.98	-9.52	-9.46	-7.37	-7.37
6500	30	-11	-5.48	-0.74	0.57	-1.78	-7.44	-8.72	-5.88	-6.75	-9.49	-5.86	-17.54	-17.54
6500	45	-18.77	-5.75	-0.62	-6.9	0.09	1.27	-1.45	-1.17	-8.49	-12.26	-10.09	-18.21	-18.21
6500	60	-13.38	-8.6	-6.93	-3.16	-1.71	-1.41	-1.01	-2.55	-10.96	-14.77	-15.21	-7.12	-7.12
6500	75	-15.13	-6.48	-4.3	-10.23	-4.05	-5.52	0.06	-0.85	-7.89	-22.99	-21.67	-3.1	-3.1
6500	90	-11.09	-16.63	-6.83	-9.21	-2.16	-4.27	-5.78	-3.11	-6.81	-8.85	-17.17	-5.74	-5.74
6500	105	-15.27	-13.46	-4.5	-3.78	-12.31	-7.91	-6.47	-2.32	-3.45	-11.97	-12.72	-5.35	-5.35
6500	120	-9.77	-10.61	-6.09	-4.64	-8.56	-16.84	-4.17	-2.52	-3.49	-4.15	-9.9	-1.68	-1.68
6500	135	-13.63	-11.15	-8.24	-7.73	-9.06	-4.79	-5.47	-11.27	-11.24	-7.09	-2.45	-8.37	-8.37
6500	150	-16.33	-16.82	-6.49	-5.36	-3.37	-5.79	-9.38	-6.22	-5.08	-2.71	0.63	-10.04	-10.04
6500	165	-18.71	-13.82	-9.62	-4.2	0.92	-0.92	-2.69	-4.69	-3.95	-4.74	0.07	-23.24	-23.24
6500	180	-16.47	-17.06	-7.86	-3.38	-6.47	-3.67	0.68	-2.98	-1.27	-5.95	-4.25	-1.74	-1.74
6500	195	-18.26	-15.2	-9.04	-6.59	-5.05	-4.75	-1.34	-2.27	-0.53	-0.59	-6.01	-2.59	-2.59
6500	210	-26	-12.01	-14.95	-5.74	-4.02	-1.52	-2.4	-2.15	-0.36	-2.37	-4.23	-4.12	-4.12
6500	225	-19.85	-19.29	-16.94	-5.36	-5.46	-1.41	-2.13	-4.56	-1.23	-8.08	-5.25	-6.1	-6.1
6500	240	-14.53	-24.43	-18.04	-9.85	-4.99	-7.46	-1.97	-2.15	-8.88	-6.9	-7.79	-10.4	-10.4
6500	255	-14.73	-12.36	-4.55	-4.78	-6.21	-3.91	-1.22	0.46	-0.72	-9.4	-8.02	-12.86	-12.86
6500	270	-18.69	-12.77	-21.7	-11.34	-5.3	-3.28	-2.08	0.89	1.72	-5.55	-7.21	-10.19	-10.19
6500	285	-25.1	-7.12	-9.5	-4.26	-4.17	-1.08	-0.45	-3	0.21	-3.17	-14.01	-11.57	-11.57
6500	300	-16.29	-8.18	-9.63	-2.85	-2.21	-2.44	-0.75	-4.87	-2.53	-6.79	-10.5	-9.21	-9.21
6500	315	-16.13	-5.59	-5.19	-6.66	-1.07	-1.91	-4.61	-8.55	-3.2	-6.77	-8.78	-6.66	-6.66
6500	330	-20.98	-5.23	-10.14	-1.04	-2.16	-5.81	-10.72	-32.67	-5.29	-10.98	-12.1	-6.86	-6.86
6500	345	-18.03	-5.84	-7.12	-0.17	-2.04	-4.91	-26.65	-16.47	-12.05	-14.44	-6.09	-9.81	-9.81
6500	360	-16.89	-12.61	-4.41	-12.23	-6.79	-12.92	-6.91	-9.33	-4.93	-10.88	-11.3	-7.68	-7.68
7125	0	-10.67	-10.22	-5.69	-15.83	-11.83	-18.73	-5.76	-9.15	-4.07	-14	-17.03	-5.11	-5.11
7125	15	-10.73	-2.06	-5.44	-5.62	-13.89	-6.6	-1.97	-5.79	-11.08	-15.36	-20.6	-8.05	-8.05
7125	30	-9.91	-2.72	-0.89	-2.52	-2.89	-13.78	-7.5	-4.2	-17.07	-11.78	-23.79	-6.99	-6.99
7125	45	-12.2	-1.39	-7.03	-10.04	-1.35	-2.29	-3.68	-7.2	-14.1	-11.02	-9.43	-12.74	-12.74
7125	60	-11.13	-2.11	-6.33	-2.73	-1.2	1.27	-2.63	-5.08	-10.49	-27.21	-13.21	-5.49	-5.49
7125	75	-12.72	-7.96	-10.45	-8.46	-7.23	-3.22	-2.35	-2.34	-7.81	-17.99	-9.96	-4.16	-4.16
7125	90	-10.66	-4.19	-4.76	-4.25	-5.59	-4.69	-10.33	-5.73	-5.38	-13.8	-14.98	-3.7	-3.7
7125	105	-7.98	-3.78	-3.41	-3.73	-3.98	-5.33	-6.34	-5.57	-7.36	-4.91	-16.2	-3.52	-3.52
7125	120	-5.34	-4.18	-3.01	-3.59	0.08	-6.02	-14.6	-10.96	-3.86	-1.83	-18.87	-3.3	-3.3
7125	135	-9.76	-4.46	-2.88	-1.3	-1.1	-3.19	-10.82	-9.44	-6.44	-4.77	-6.86	-5.02	-5.02
7125	150	-8.91	-4.92	-7.26	-4.43	-2.24	-3.55	-5.54	-2.88	-3	-4.86	-2.45	-9.61	-9.61
7125	165	-9.52	-7.96	-6.28	-15.53	-2.36	-4.65	-6.62	-5.58	-4.94	-3.82	-2.92	-10.02	-10.02
7125	180	-8.92	-15.76	-6.27	-7.47	-1.67	-6.57	-1.92	-1.59	-0.1	0.88	-5.48	1.16	1.16
7125	195	-6.73	-21.57	-7.07	-5.23	-4.6	-1.91	-1.69	-0.14	-1.71	-2.52	-4.69	-2.27	-2.27
7125	210	-9.65	-13.51	-7.42	-9.01	-6.91	-5.63	-0.23	-1.22	-1.24	-2.41	-2.1	-13.86	-13.86
7125	225	-7.91	-14.22	-7.24	-6.83	-7.76	-6.36	-2.17	0.04	-1.04	-2.38	-6.11	-10.42	-10.42
7125	240	-8.14	-15.12	-12.08	-8.01	-7.96	-9.71	-4.07	-4.5	-6.89	-3.51	-9.02	-9.49	-9.49
7125	255	-9.91	-16.54	-17.09	-3.94	-7.57	-7.44	-4.07	-3.2	-5.68	-3.78	-11.38	-10.02	-10.02
7125	270	-7.89	-16.6	-5.65	-4.92	-5.14	-3.97	0.39	-1.23	-3.88	-15.67	-7.96	-14.9	-14.9
7125	285	-5.72	-21.26	-9.77	-5.53	-5.74	-1.75	-0.54	0.29	-2.87	-7.57	-15.79	-12	-12
7125	300	-7.11	-12.25	-3.13	-7.36	-2.83	-2.06	-1.72	-2.57	-5.92	-7.91	-13.69	-10.74	-10.74
7125	315	-8.07	-9.88	-5.99	-9.12	-1.31	-2.51	-2.24	-2.27	-4.23	-8.14	-18.69	-8.49	-8.49
7125	330	-9.4	-9	-8.14	-4.55	-7.89	-6.56	-19.25	-16.59	-5.84	-12.95	-19.06	-29.33	-29.33
7125	345	-7.04	-12.42	-4.15	-1.62	-4.76	-5.8	-10.07	-12.22	-10.08	-12.04	-7.79	-7.54	-7.54
7125	360	-10.67	-10.22	-5.69	-15.83	-11.83	-18.73	-5.76	-9.15	-4.07	-14	-17.03	-5.11	-5.11

Ant. Position: 6G ANT 3 GAIN PHI

Frequency	Phi	0	15	30	45	60	75	90	105	120	135	150	165	180
5925	0	-7.07	-3.32	-7.21	-12.88	-5.82	-8.19	-9.15	-8.37	-13.43	-15.96	-14.61	-12.44	-12.44
5925	15	-3.51	-3.08	-9.21	-4.55	-3.26	-8.17	-7.12	-7.73	-20.03	-17.36	-10.94	-12.6	-12.6
5925	30	-1.94	-1.82	-5.89	-3.21	-5.54	-10.14	-6.72	-13.57	-5.66	-5.77	-5.8	-6.65	-6.63
5925	45	-2.09	-2.23	-5.66	-5.12	-7.25	-6.84	-2.13	-9.45	-5.83	-1.29	-2.96	-12.74	-12.74
5925	60	-2.38	-5.14	-7.95	-14.14	-13.53	-6.07	-3.35	-2.27	-7.11	0.42	-1.85	-2.74	-2.74
5925	75	-1.6	-6.15	-10.75	-10.71	-6.87	-6.32	-5.13	-2.78	-4.58	-2.72	-4.74	-1.36	-1.36
5925	90	-2.4	-8.02	-12.47	-14.87	-8.91	-7.31	-9.55	-6.24	-4.36	-5.99	-4.37	-4.23	-4.23
5925	105	-4.77	-9.88	-13.38	-14.62	-8.22	-5.04	-9.89	-2.47	-10.45	-5.02	-5.65	-7.44	-7.44
5925	120	-6.1	-15.16	-11.98	-23.97	-10.4	-5.69	-4.94	-4.95	-8.41	-5.46	-7.27	-12.39	-12.39
5925	135	-11.75	-21.1	-16.93	-8.15	-11.68	-10.71	-7.82	-7.61	-2.7	-3.15	-9.12	-8.66	-8.66
5925	150	-19.94	-24.48	-10.7	-14.92	-11.02	-9.3	-13.74	-9.99	-9.98	-4.48	-6.9	-11	-11
5925	165	-13.52	-28.56	-8.95	-13.17	-12.59	-18.7	-20.83	-25.59	-17.6	-10.59	-9.6	-7.03	-7.03
5925	180	-6.98	-19.99	-11.96	-17.76	-10.19	-9.92	-23.65	-8.96	-11.26	-13.07	-19.33	-16.28	-16.28
5925	195	-4.95	-8.27	-23.46	-15.82	-5.1	-6.82	-13.83	-30.72	-9.61	-9.69	-9.63	-8.26	-8.26
5925	210	-2.13	-2.26	-16.3	-14.94	-5.32	-6.08	-13.52	-10.26	-3.7	-25.56	-8.15	-11.5	-11.5
5925	225	-1.8	-1.38	-9.45	-6.53	-12.31	-5.16	-7.75	-4.48	-6.86	-10.46	-12.57	-25.92	-25.92
5925	240	-1.87	-2.65	-14.9	-3.26	-8.66	-12.16	-6.5	-10.37	-20.88	-17.87	-9.35	-14.42	-14.42
5925	255	-1.12	-2.58	-5.26	-3.47	-4.63	-5.43	-5.96	-4.64	-4.48	-8.52	-8.52	-13.71	-13.71
5925	270	-2.3	-5.46	-5.7	-3.38	-4.87	-5.7	-6.54	-6.64	-5.59	-14.47	-8.07	-8.3	-8.3
5925	285	-3.51	-10.52	-8.27	-2.9	-5.91	-11.3	-5.88	-9.72	-16.02	-24.41	-12.81	-18.56	-18.56
5925	300	-8.3	-9.58	-12.73	-9.29	-7.99	-6.29	-7.32	-8.38	-12.54	-14.2	-10.92	-23.17	-23.17
5925	315	-11.83	-5.77	-8.97	-22.74	-20.06	-9.97	-7.07	-6.4	-13.76	-11.94	-18.06	-10.71	-10.71
5925	330	-15.25	-7.92	-7.62	-23.18	-13.75	-10.72	-9.17	-12.25	-20.01	-11.45	-7.97	-5.58	-5.58
5925	345	-10.03	-5.23	-13.51	-10.88	-8.1	-10.82	-8.97	-7.81	-16.48	-14.81	-8.39	-10.26	-10.26
5925	360	-7.07	-3.32	-7.21	-12.88	-5.82	-8.19	-9.15	-8.37	-13.43	-15.96	-14.61	-12.44	-12.44
6500	0	-0.87	-6.16	-19.9	-8.8	-16.92	-12.11	-15.43	-13.13	-9.52	-11.31	-12.6	-11.09	-11.09
6500	15	-0.17	-1.55	-16.32	-11.94	-19.1	-9.91	-11.63	-14.06	-9.16	-8.99	-12.45	-11.62	-11.62
6500	30	-0.17	-1.1	-11.23	-12.13	-17.47	-6.78	-10.02	-5.97	-7.07	-3.42	-0.74	-13.31	-13.31
6500	45	0.69	-2.64	-12.17	-15.76	-13.37	-8.06	-7.23	-1.97	-4.86	-4.69	-0.29	-9.23	-9.23
6500	60	0.52	-2.78	-25.56	-22.76	-11.32	-13.4	-4.96	-8.79	-4.11	-5.94	-2.53	-5.09	-5.09
6500	75	-0.54	-5.39	-11.47	-10.54	-11.98	-10.75	-2.86	-3.06	-5.65	-2.71	-7.22	-6.45	-6.45
6500	90	-0.95	-5.33	-13.19	-6.8	-13.6	-10.07	-4.99	-6.96	-7.33	-6.86	-9.94	-9.29	-9.29
6500	105	-1.31	-11.65	-12.68	-10.77	-19.57	-22.43	-8.51	-6.87	-3.94	-12.95	-16.96	-17.5	-17.5
6500	120	-3.04	-12.98	-9.79	-13.68	-8.68	-8.77	-10.91	-3.42	-9.77	-8.23	-17.96	-12.4	-12.4
6500	135	-2.8	-8.27	-13.8	-8.62	-8.93	-3.55	-6.8	-6.28	-10.53	-5.51	-7.87	-12.47	-12.47
6500	150	-3.99	-11.77	-16.16	-12.18	-18.49	-12.28	-14.35	-12.75	-6.59	-7.03	-7.24	-23.63	-23.63
6500	165	-3.27	-11.81	-16.89	-15.42	-18.45	-22.08	-27.23	-16.68	-16.7	-16.41	-5.28	-8.19	-8.19
6500	180	-2.28	-11.26	-22.31	-15.59	-13.93	-24.53	-21.84	-9.95	-8.83	-11.38	-12.93	-12.48	-12.48
6500	195	0.03	-7.74	-12.34	-17.68	-4.8	-11.69	-19.31	-7.98	-14.84	-18.84	-20.5	-12.53	-12.53
6500	210	-0.51	-3.68	-5.56	-15.18	-2.56	-10.47	-26.45	-16.98	-7.73	-12.96	-7.18	-16.42	-16.42
6500	225	0.84	-3.43	-8.48	-9.68	-14.32	-9.2	-10.38	-10.06	-8.05	-14.99	-7.87	-15.5	-15.5
6500	240	-0.34	-1.35	-9.55	-6.68	-11.48	-7.66	-8.5	-6.94	-17.16	-7.91	-5.45	-12.73	-12.73
6500	255	-1.99	-0.91	-19.64	-1.26	-5.21	-6.64	-4.26	-2.74	-4.31	-6.96	-5.9	-10.19	-10.19
6500	270	-0.07	-0.24	-9.34	-4	-8.4	-5.2	-6.24	-5.62	-4.25	-8.44	-7.78	-12.06	-12.06
6500	285	-3.13	-2.03	-11.8	-9.61	-3.28	-6.96	-9.24	-7.02	-8.98	-9.48	-10.4	-7.19	-7.19
6500	300	-4.82	-5.35	-10.23	-27.84	-10.47	-11.95	-16.82	-13.63	-14.26	-18.73	-12.62	-7.47	-7.47
6500	315	-5.56	-4.69	-13.88	-16.79	-8.42	-9.95	-12.85	-16.26	-21.66	-17.58	-12.68	-13.51	-13.51
6500	330	-3.56	-8.35	-22.07	-10.36	-14.44	-7.89	-9.41	-18.21	-12.99	-10.14	-9.03	-10.32	-10.32
6500	345	-4.07	-5.73	-10.51	-7.69	-9.94	-12.16	-9.4	-17.12	-10.25	-16.68	-8.01	-6.42	-6.42
6500	360	-0.87	-6.16	-19.9	-8.8	-16.92	-12.11	-15.43	-13.13	-9.52	-11.31	-12.6	-11.09	-11.09
7125	0	-3.08	-1.68	-7.84	-9.34	-17.69	-12.16	-10.2	-12.76	-12.59	-11.1	-10.96	-5.03	-5.03
7125	15	-0.52	-0.35	-7.95	-10.04	-11.49	-8.95	-10.48	-10.41	-18.25	-8.85	-29.8	-6.19	-6.19
7125	30	-1.8	-1.26	-9.86	-14.58	-11.25	-33	-13.75	-8.39	-16.89	-5.07	-5.25	-10.62	-10.62
7125	45	0.53	-0.67	-8.79	-13.77	-12.55	-17.09	-19.46	-8.97	-8.96	-12.74	-1.22	-14.21	-14.21
7125	60	0.92	-6.99	-10.5	-3.99	-3.3	-10.32	-11.53	-11.4	-9.48	-6.49	-0.93	-4.29	-4.29
7125	75	0.59	-7.51	-4.23	-5.54	-10.59	-8.14	-9.15	-8.39	-7.01	-2.35	-2.87	-5.74	-5.74
7125	90	1.34	-11.47	-3.52	-5.67	-3.48	-24.42	-8.38	-3.9	-5.49	-3.57	-3.88	-10.24	-10.24
7125	105	-0.35	-6.6	-8.23	-7.07	-4.56	-4.38	-4.93	-9.24	-2.7	-13.54	-9.67	-12.88	-12.88
7125	120	-1.59	-7.13	-7.44	-10.46	-6.3	-12.94	-11.16	-14.15	-17.24	-20.86	-11.13	-10.27	-10.27
7125	135	-3.67	-7.88	-6.79	-5.02	-4.32	-19.5	-12.73	-3.46	-11.23	-12.84	-6.59	-8.55	-8.55
7125	150	-4.87	-11.79	-7.3	-20.54	-7.9	-18.03	-8.45	-5.14	-18.06	-9.27	-12.22	-18.25	-18.25
7125	165	-4.34	-12.19	-15.91	-23.09	-14.95	-24.77	-20.01	-26.13	-22.45	-25.76	-7.64	-10.54	-10.54
7125	180	-3.23	-11.03	-13.51	-15.32	-13.88	-11.13	-18.63	-11.09	-8.48	-13.78	-15.85	-8.02	-8.02
7125	195	-1.41	-12.65	-2.77	-16.53	-9.65	-9.24	-25.75	-12.8	-15.09	-8.78	-23.51	-11.75	-11.75
7125	210	-0.23	-7.64	-11.21	-11.76	-10.63	-5.66	-19.52	-5.3	-8.5	-11.43	-11.21	-23.72	-23.72
7125	225	-0.09	-4.07	-7.29	-11.93	-6.83	-11.47	-7.76	-8.37	-6.02	-15.93	-4.86	-20.31	-20.31
7125	240	1.06	-0.64	-11	-4.98	-27.72	-11.4	-11.97	-7.59	-12.69	-6.63	-7.93	-8.7	-8.7
7125	255	0.4	0.42	-7.77	-2.98	-8.2	-15.42	-10.49	-7.28	-9.02	-18.56	-9.8	-15.1	-15.1
7125	270	-0.91	-1.18	-1.97	-6.29	-4.14	-9	-5.79	-7.81	-18.87	-13.16	-14.88	-10.92	-10.92
7125	285	-0.85	-0.98	-6.52	-15.84	-7.8	-7.14	-6.82	-8.72	-16.1	-10.34	-5.56	-15.04	-15.04
7125	300	-3.42	-0.75	-9.94	-11.08	-6.45	-7.22	-12.93	-8.68	-10.75	-14.12	-19.37	-16.94	-16.94
7125	315	-5.25	-3.84	-7.7	-9.14	-13.39	-9.07	-25.29	-12.19	-10.27	-23.04	-19.57	-16.02	-16.02
7125	330	-5.81	-4.37	-7.8	-14.23	-11.98	-13.21	-15.89	-12.13	-20.23	-17.22	-30.82	-15.74	-15.74
7125	345	-6.35	-2.28	-10.04	-8.73	-25.43	-19.58	-10.15	-10.91	-7.59	-14.16	-14.32	-6.99	-6.99
7125	360	-3.08	-1.68	-7.84	-9.34	-17.69	-12.16	-10.2	-12.76	-12.59	-11.1	-10.96	-5.03	-5.03