Antenna Composite Gain Test Report

1. Test Information

Equipment	EMT
Brand Name	Nokia
Model Name	B24
Applicant	Nokia
Manufacturer	Nokia

2. Testing Location

Testing Location	
AOT	ADD: 289 Jinghua Road,Shipai, BachengTown, Kunshan City, Jiangsu Province

Test Condition	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	Changgan Lai	20-24 / 45-60	10.30.2023~10.30.2023

3. Test Frequency

Band (MHz)	Test Frequency (MHz)
2400-2500	2400/2450/2500
5500-5850	5500/5675/5825
5150-5400	5150/5250/5350

4. Antenna Information

Ant. Position	Brand Name	Model Name	Ant. Type	Connector
Antenna A (2.4G/5G-High)	Nokia		Dipole	I-PEX
Antenna B (2.4G/5G-High)	Nokia		Dipole	I-PEX
Antenna C (2.4G/5G-High)	Nokia		Dipole	I-PEX
Antenna D (2.4G/5G-High)	Nokia		Dipole	I-PEX
Antenna 1 (5G-Low)	Nokia		Dipole	I-PEX
Antenna 2 (5G-Low)	Nokia		Dipole	I-PEX
Antenna 3 (5G-Low)	Nokia		Dipole	I-PEX
Antenna 4 (5G-Low)	Nokia		Dipole	I-PEX

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 taken2 degree steps of phi and 10 degree of theta 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：2.4G Ant.A~D)

Band (MHz)	2400-2500		
Frequency (MHz)	2400	2450	2500
Ant.A Max Gain (dBi)	3.14	2.71	3.14
Ant.B Max Gain (dBi)	2.67	2.34	1.82
Ant.C Max Gain (dBi)	3.44	3.27	3.71
Ant.D Max Gain (dBi)	1.82	2.17	2.25
Max Gain (dBi)	3.44	3.27	3.71

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

Band (MHz)	5500-5850		
Frequency (MHz)	5500	5675	5825
Ant.A Max Gain (dBi)	4.11	3.56	3.82
Ant.B Max Gain (dBi)	4.46	2.74	3.80
Ant.C Max Gain (dBi)	4.15	2.92	3.64
Ant.D Max Gain (dBi)	3.82	3.63	4.04
Max Gain (dBi)	4.46	3.63	4.04

Antenna Peak Gain Table (Ant. Position：5G Ant.1~4)

Band (MHz)	5150-5400		
Frequency (MHz)	5150	5250	5350
Ant.1 Max Gain (dBi)	2.65	2.97	2.96
Ant.2 Max Gain (dBi)	2.96	4.09	5.09
Ant.3 Max Gain (dBi)	3.16	4.22	4.67
Ant.4 Max Gain (dBi)	3.20	3.85	3.75
Max Gain (dBi)	3.20	4.22	5.09

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 2 degree steps of phi and 10 degree of theta 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 D01F(2)(f)(ii) for CDD and KDB 662911 D01, F(2)(e)(ii) for TxBF.

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

Note：
KDB 662911 D01, F(2)(d)(i)

$$\text{Correlated Gain} = 10\log\left[\left(10^{\frac{G1}{20}} + 10^{\frac{G2}{20}} + \cdots + 10^{\frac{Gn}{20}}\right)^2 / N_{Ant.}\right] dBi$$

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

$$\text{Uncorrelated Gain} = 10\log\left[\left(10^{\frac{G1}{10}} + 10^{\frac{G2}{10}} + \cdots + 10^{\frac{Gn}{10}}\right) / N_{Ant.}\right] dBi$$

$N_{Ant.}$：Number of antenna
G_n：Gain of antenna

Maximum Correlated / Uncorrelated Gain Calculation

(Ant. Position：2.4G Ant.A~D)

Frequency (MHz)	2400	2450	2500
Ant.A Gain(dBi)	1.42	-4.95	-4.23
Ant.B Gain(dBi)	2.49	2.19	0.26
Ant.C Gain(dBi)	-4.95	-2.08	-0.84
Ant.D Gain(dBi)	-2.35	2.11	1.30
Phi (°)	20	70	64
Theta (°)	80	-80	-80
Beamforming	5.66	5.83	5.38
Non Beamforming （CDD MODE）	5.66	5.83	5.38

(Ant. Position：5G Ant.A~D)

Frequency (MHz)	5500	5675	5825
Ant.A Gain(dBi)	-1.98	-1.95	0.93
Ant.B Gain(dBi)	2.13	2.68	-12.88
Ant.C Gain(dBi)	-0.42	-1.85	1.57
Ant.D Gain(dBi)	-0.92	0	1.75
Phi (°)	66	66	162
Theta (°)	-90	-90	90
Beamforming	5.86	5.95	5.49
Non Beamforming (CDD MODE)	5.86	5.95	5.49

(Ant. Position：5G Ant.1~4)

Frequency (MHz)	5150	5250	5350
Ant.1 Gain(dBi)	-0.33	1.52	-5.52
Ant.2 Gain(dBi)	1.76	-2.99	-4.75
Ant.3 Gain(dBi)	-1.57	-0.36	4.34
Ant.4 Gain(dBi)	-1.63	0.24	1.25
Phi (°)	82	0	22
Theta (°)	100	-100	50
Beamforming	5.69	5.77	5.83
Non Beamforming (CDD MODE)	5.69	5.77	5.83

Calculation example

10 x log{{[10^(-0.33 dBi / 20)+10^(1.76 dBi / 20)+10^(-1.57dBi / 20)+10^(-1.63 dBi / 20)]^2}/4}=5.69dBi

9. Radiation Pattern

Ant. Position：2.4G Ant.A~D

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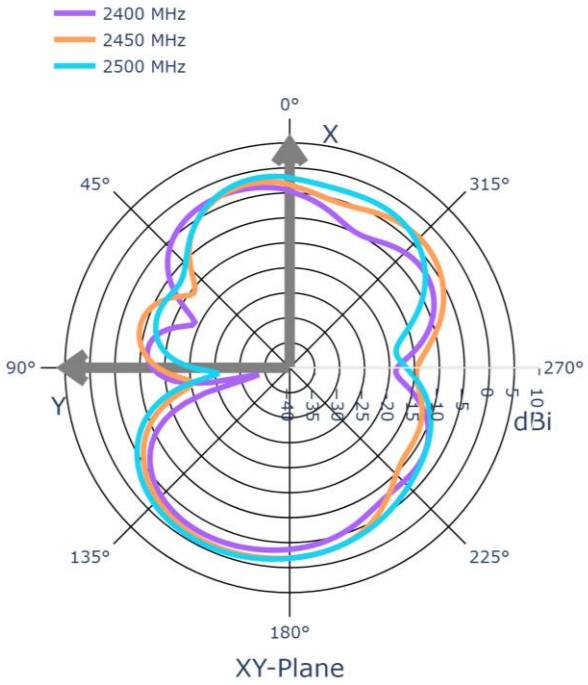

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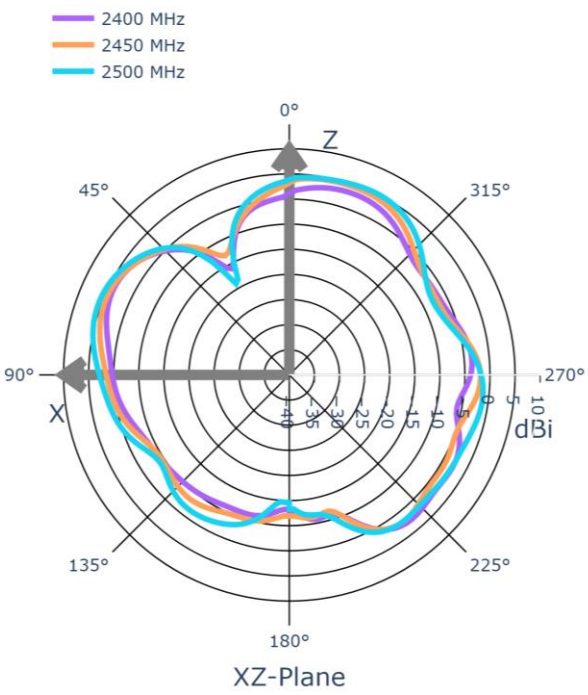

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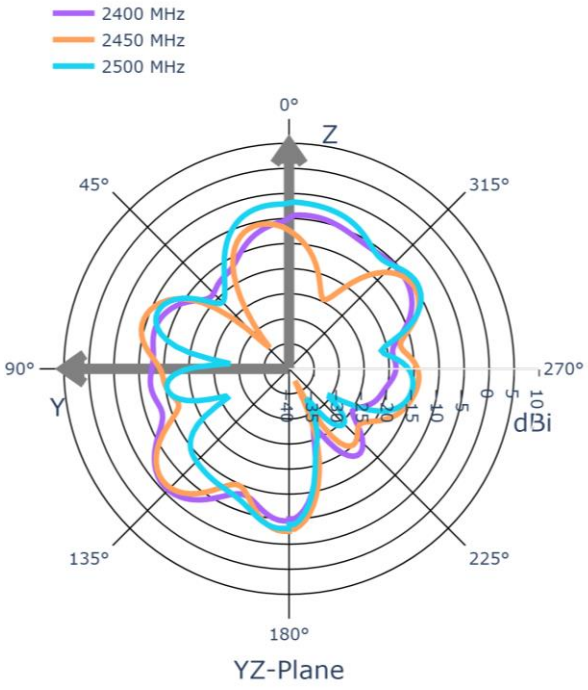

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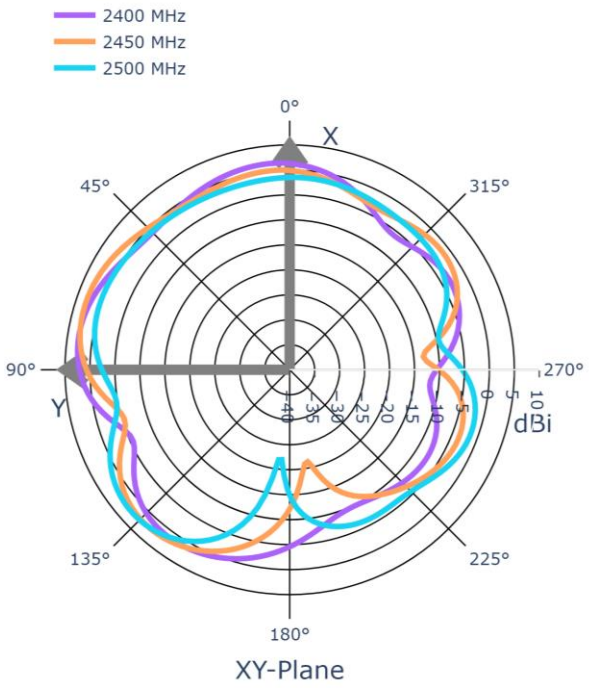

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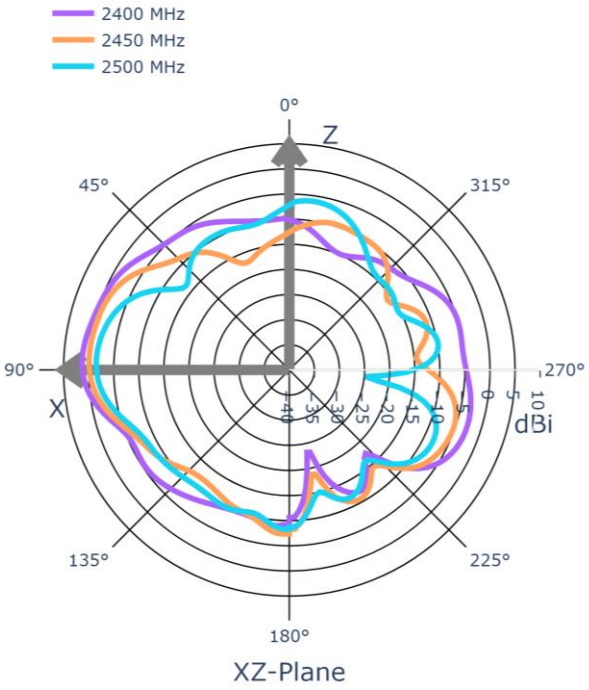

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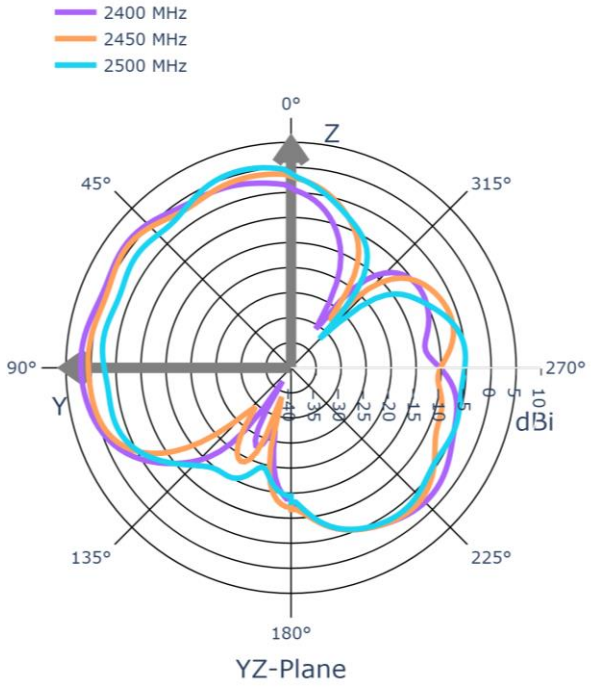

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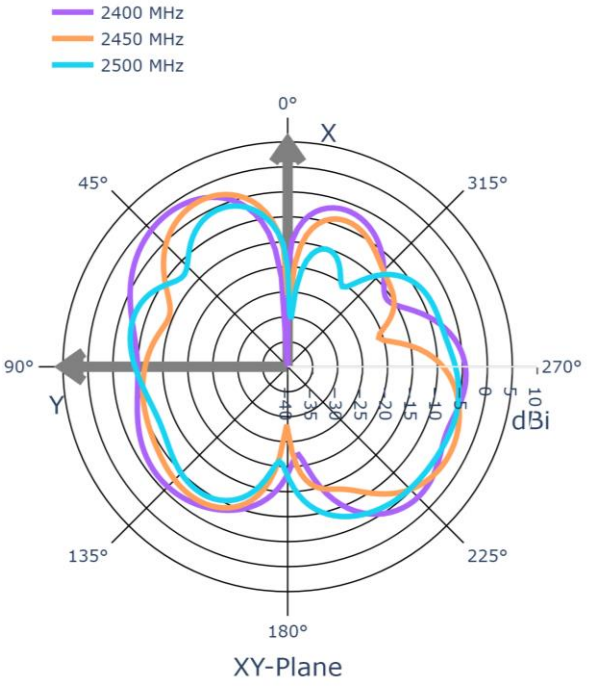

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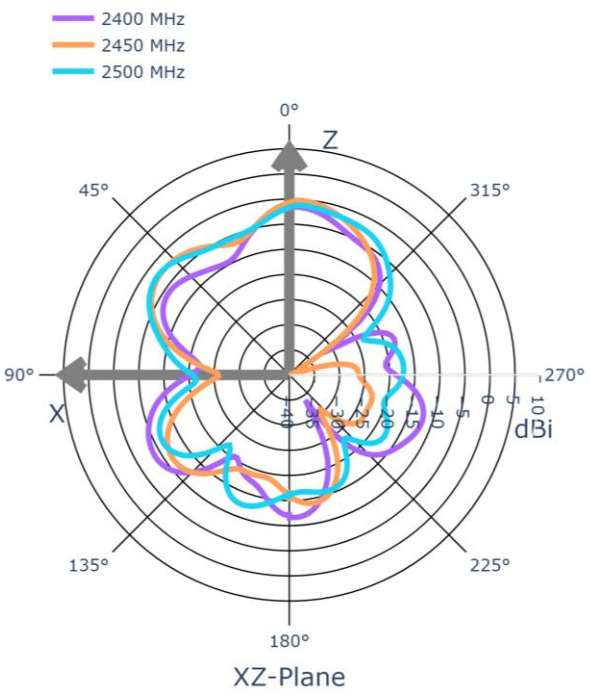

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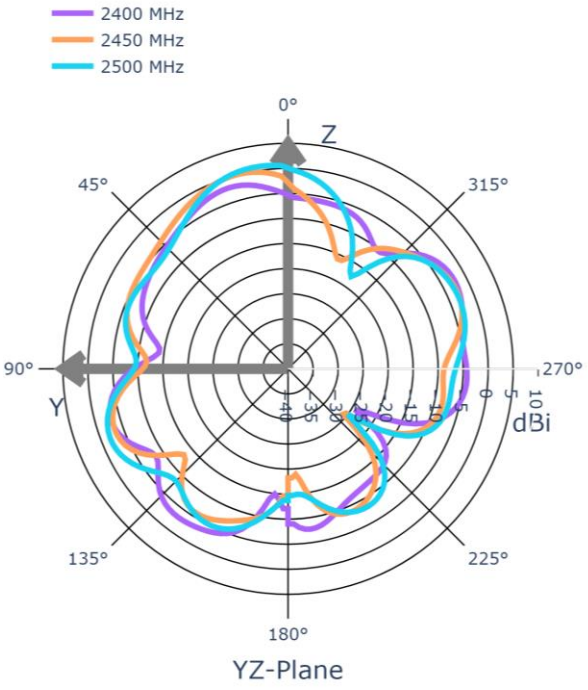

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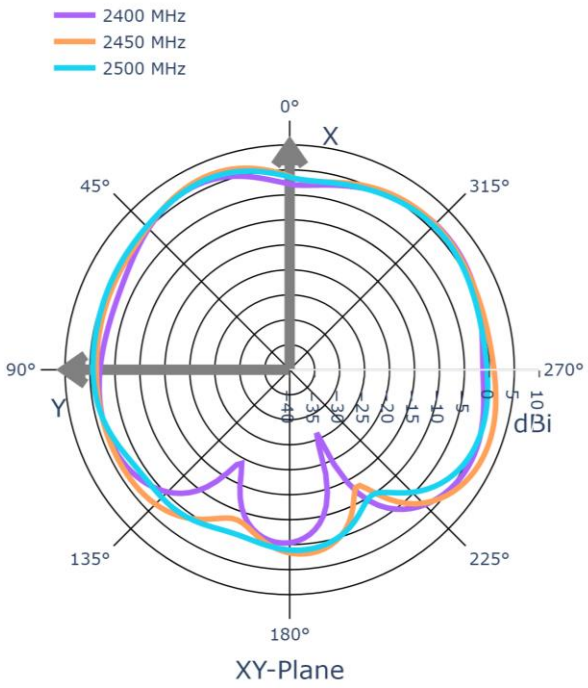

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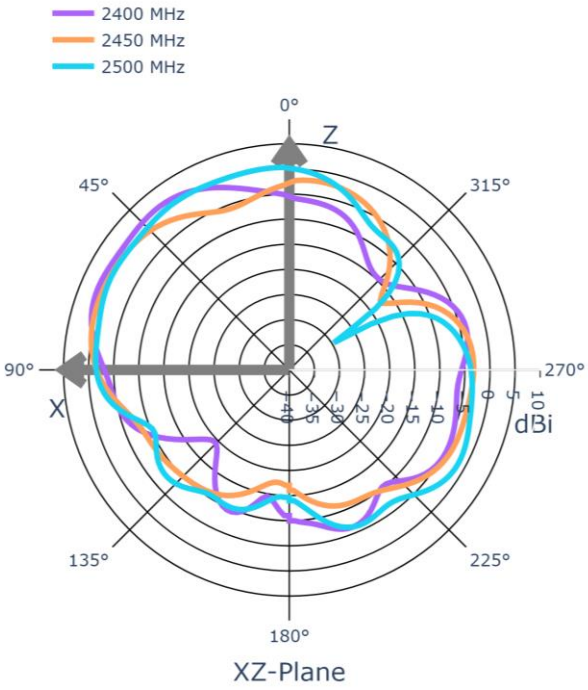

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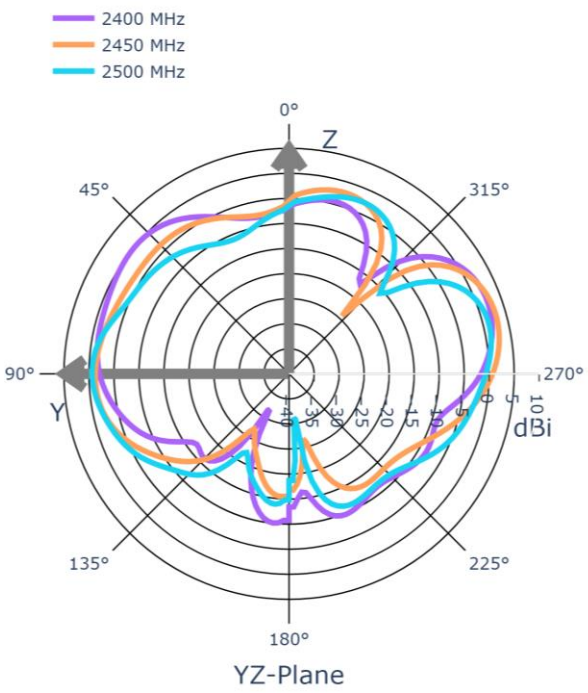

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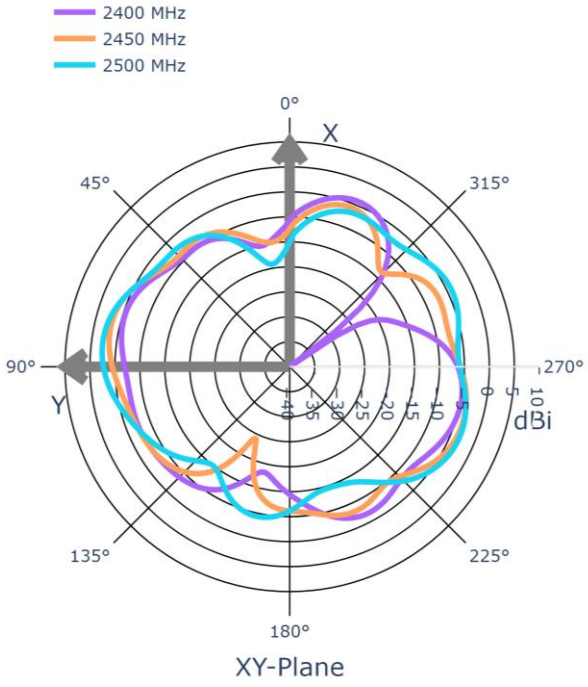

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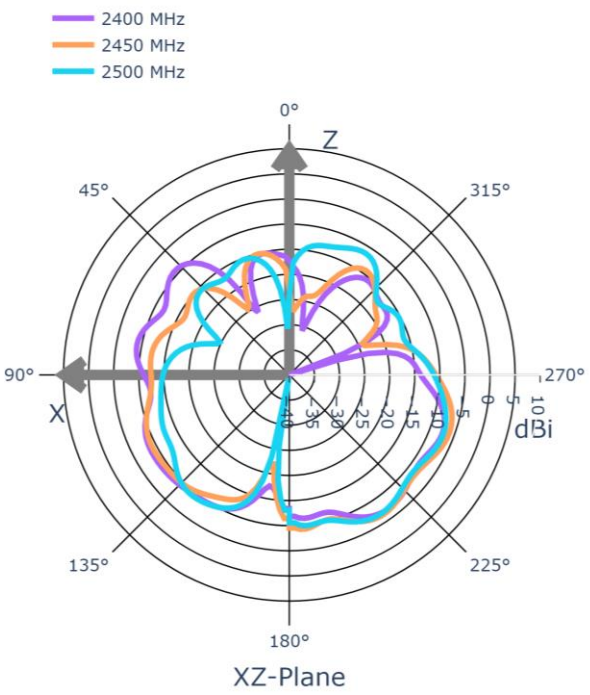

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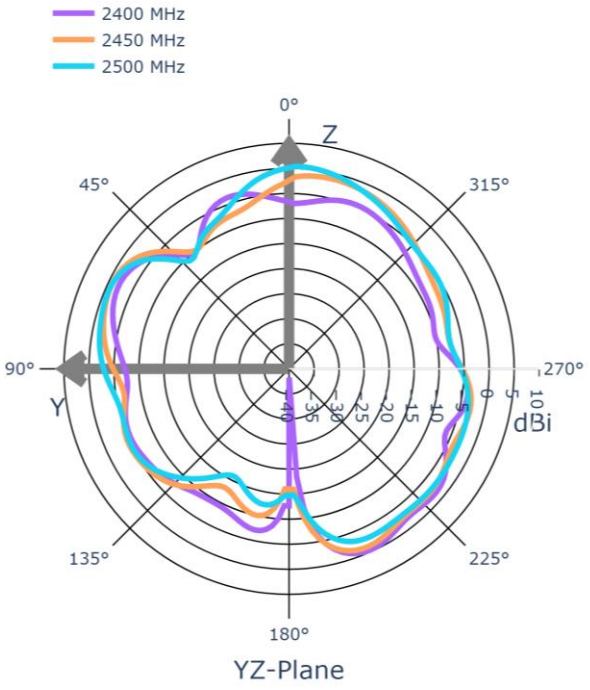

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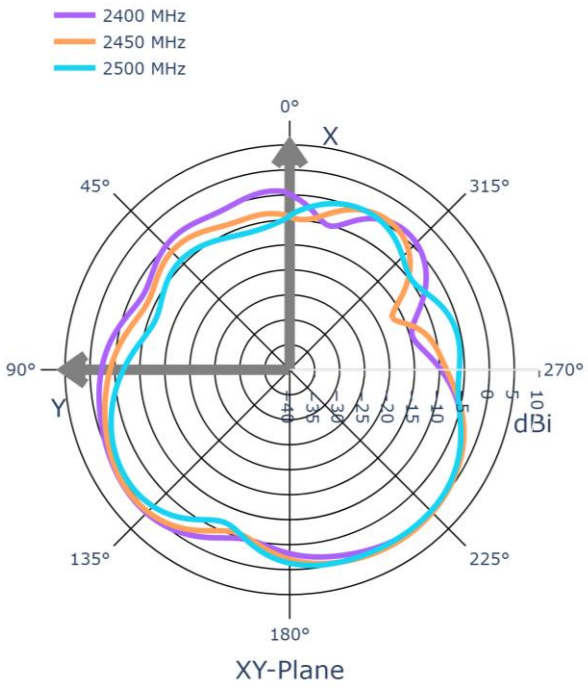

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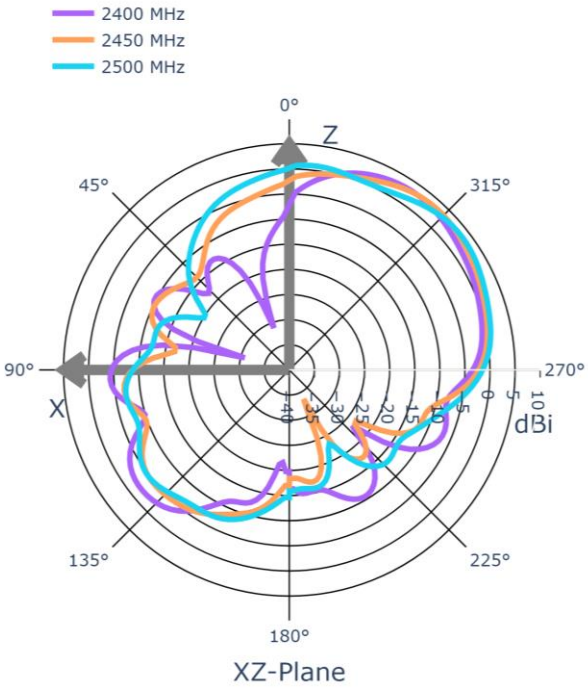

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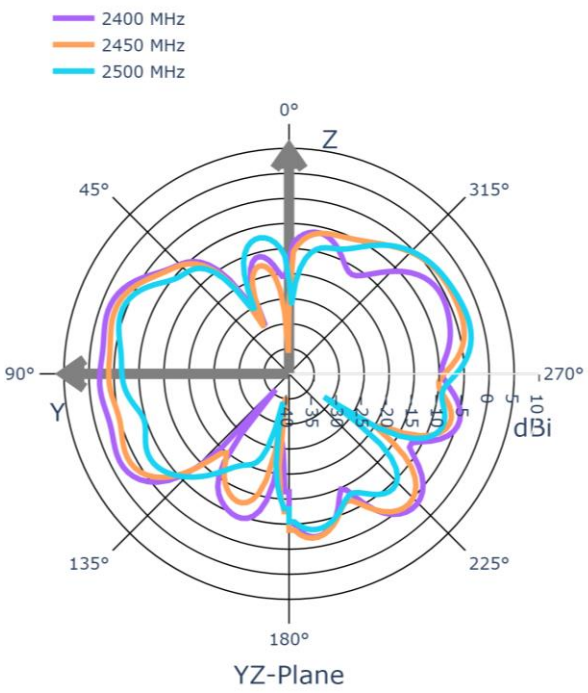

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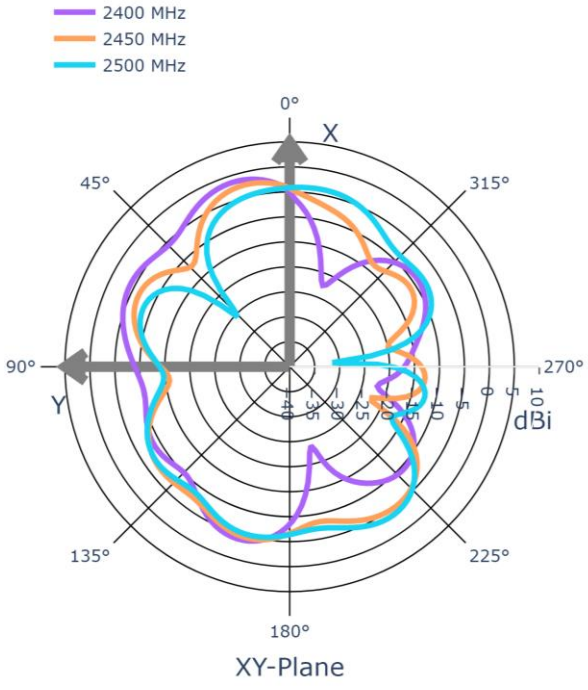

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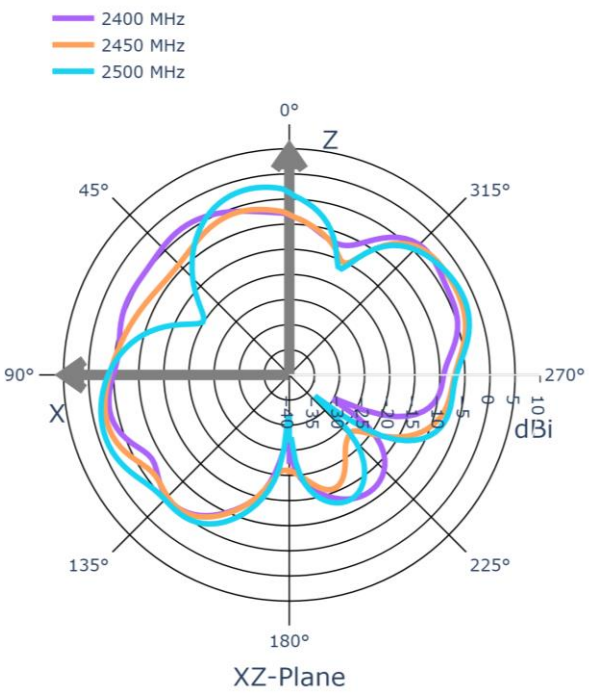

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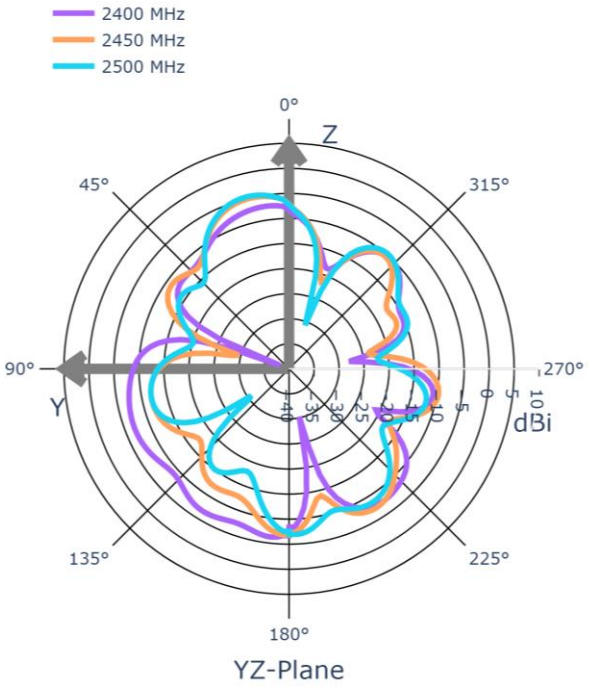

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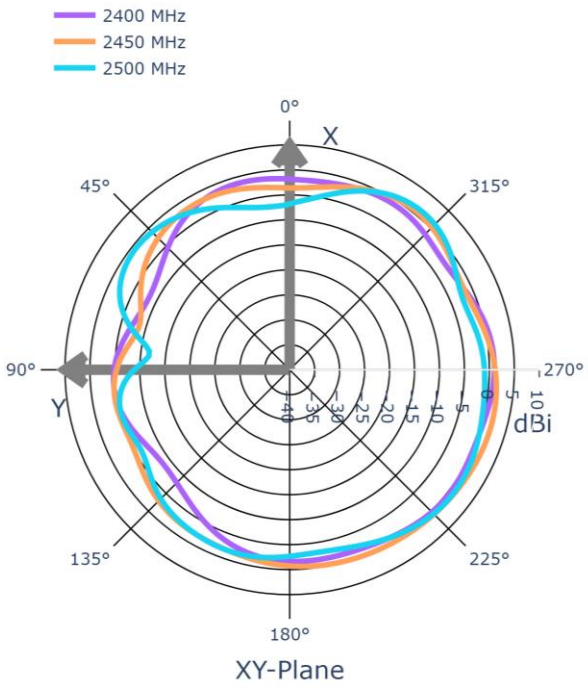

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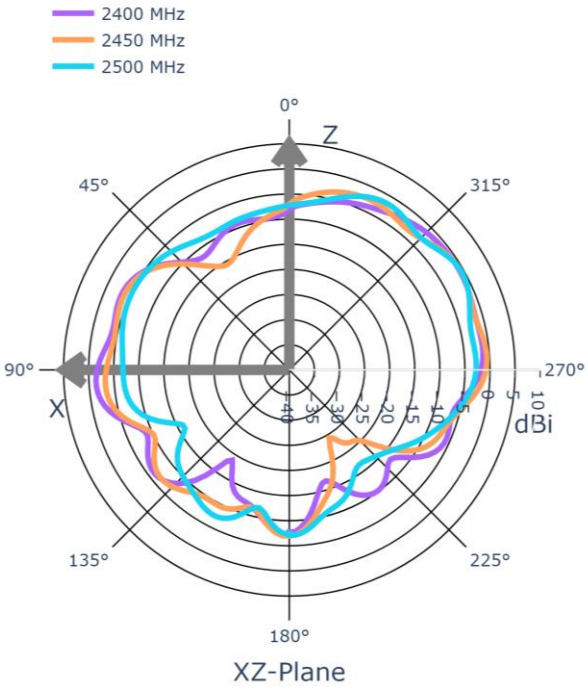

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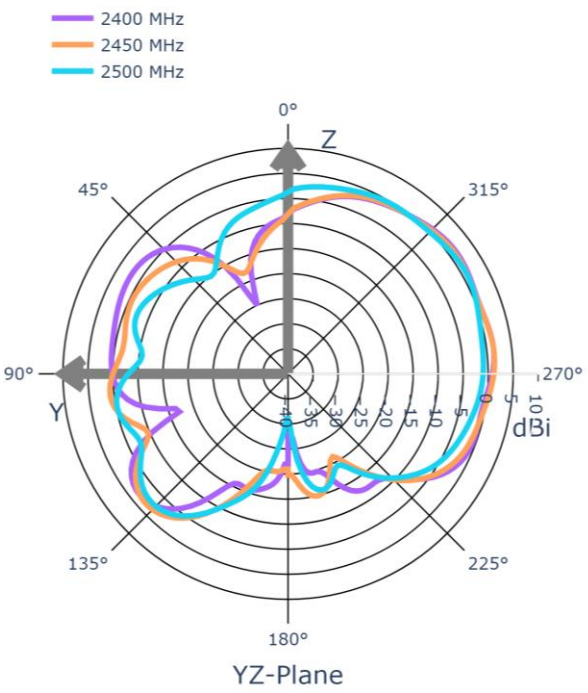
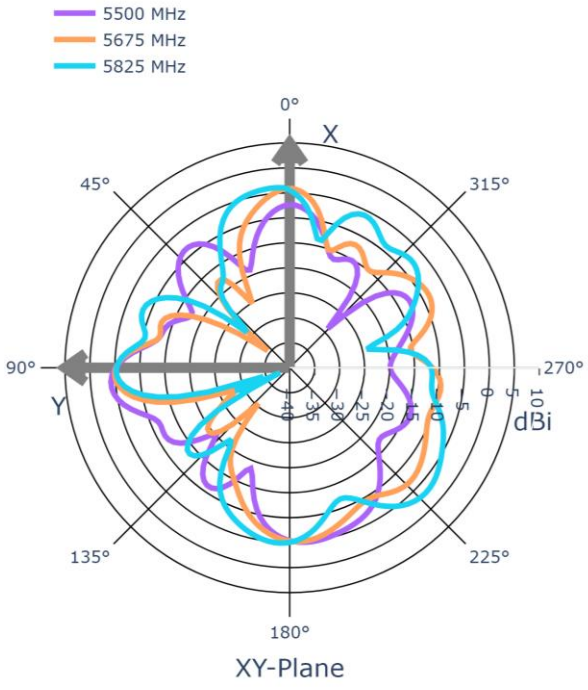


Ant. Position：5G-High Ant.A~D

XY_Pol._Phi_Ant.A@5G



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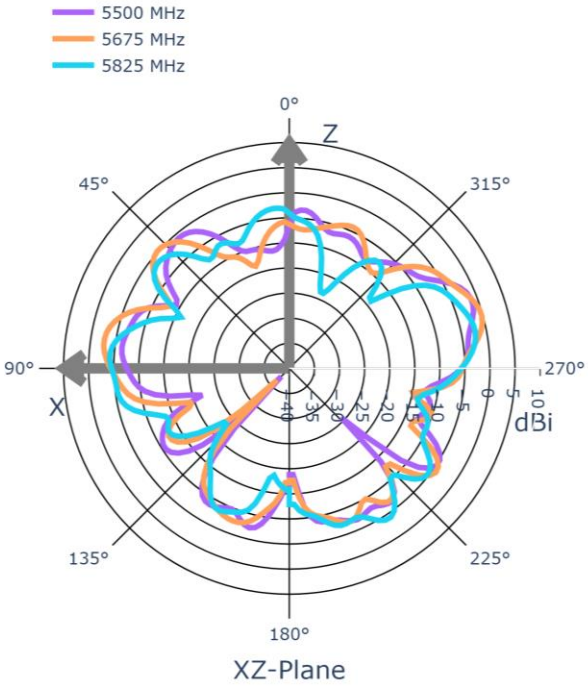

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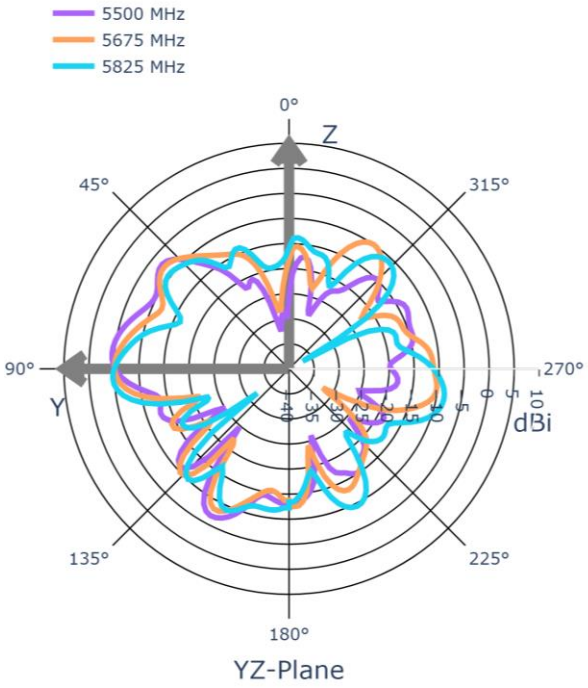

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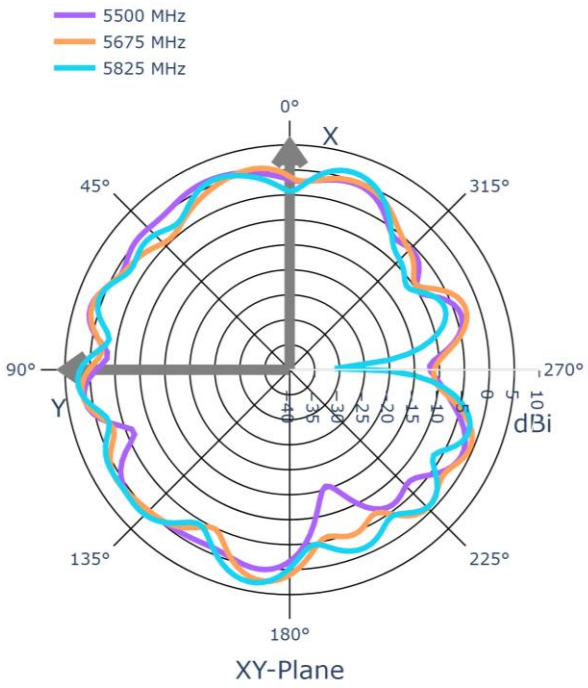

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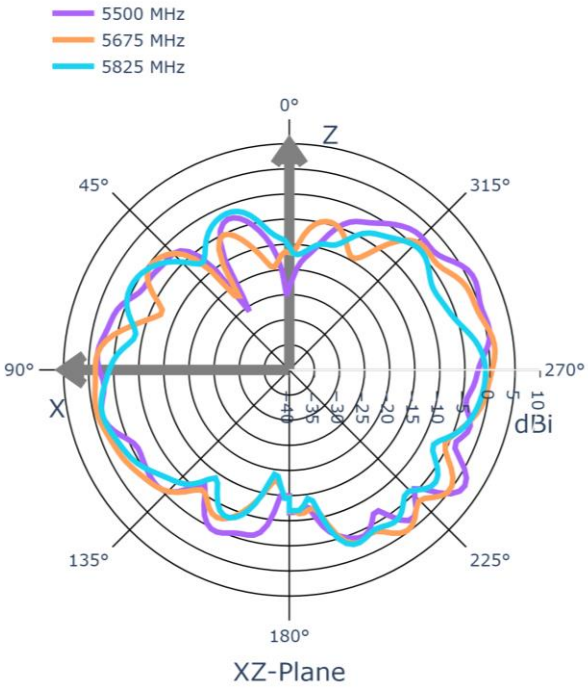

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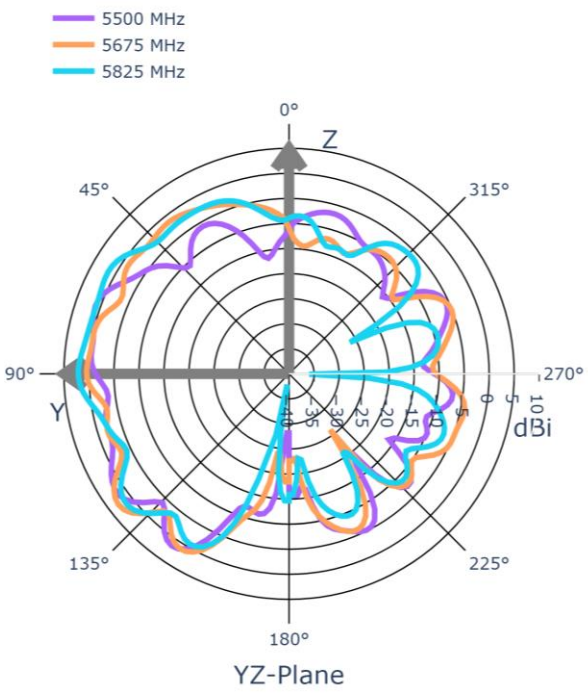

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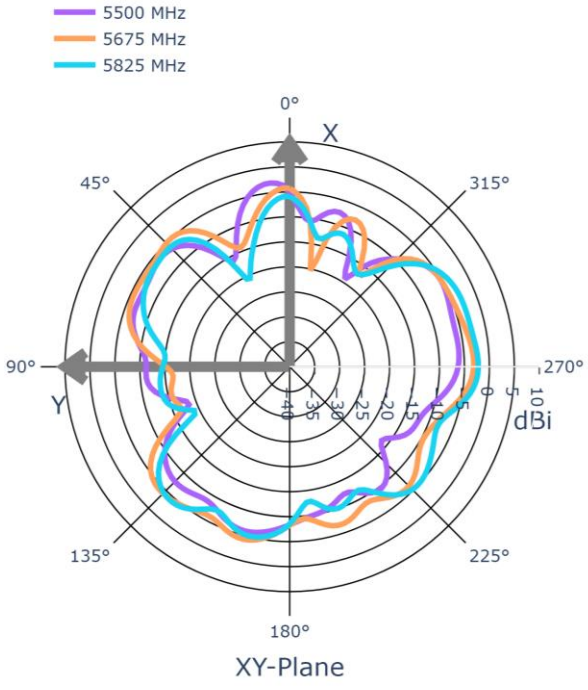

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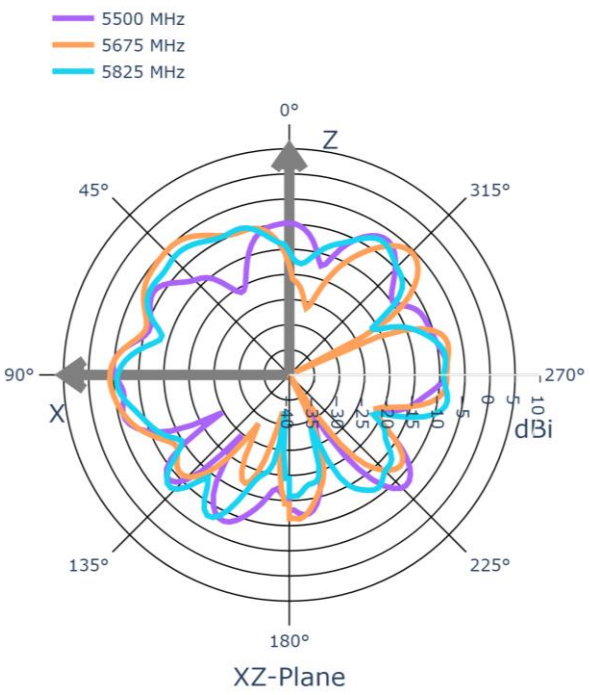

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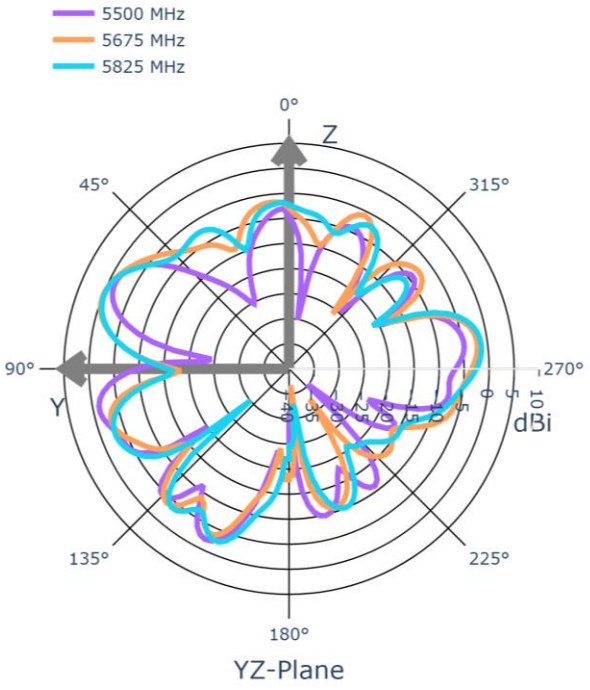

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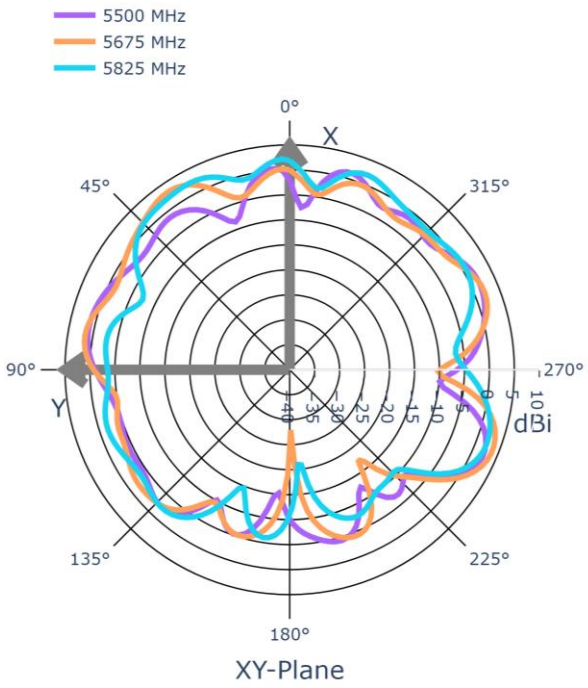

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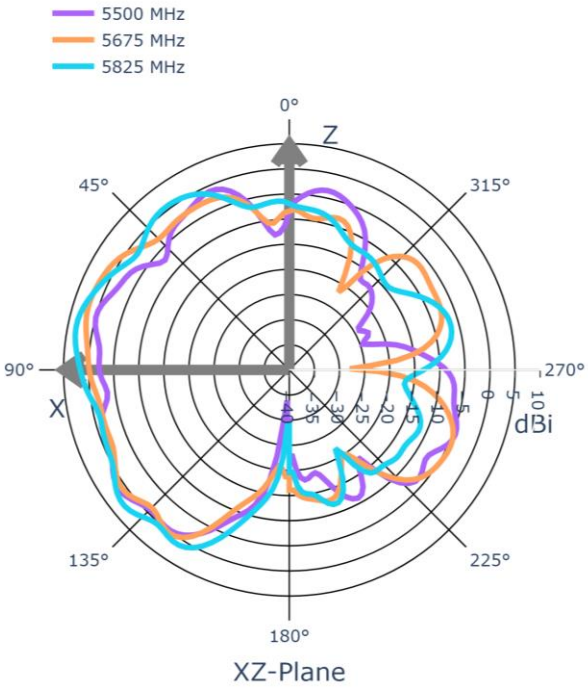

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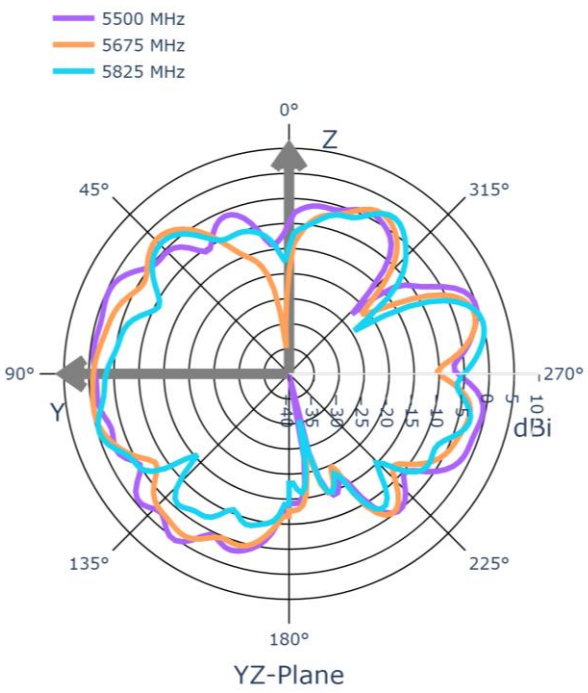

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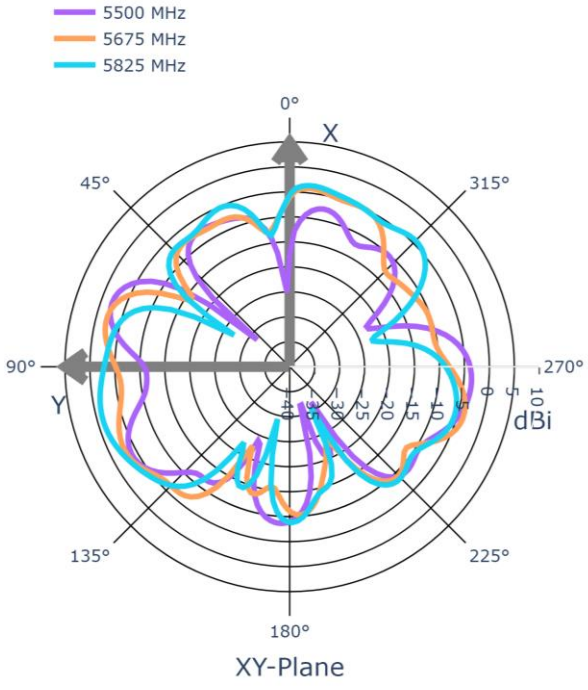

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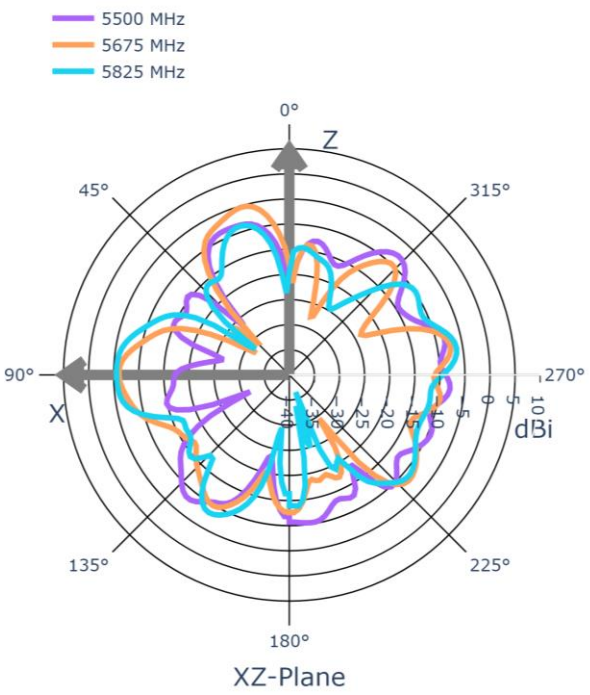

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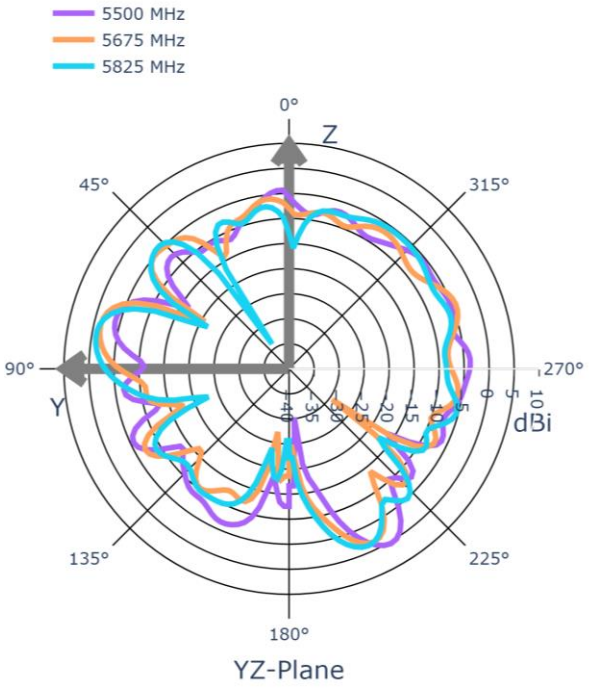

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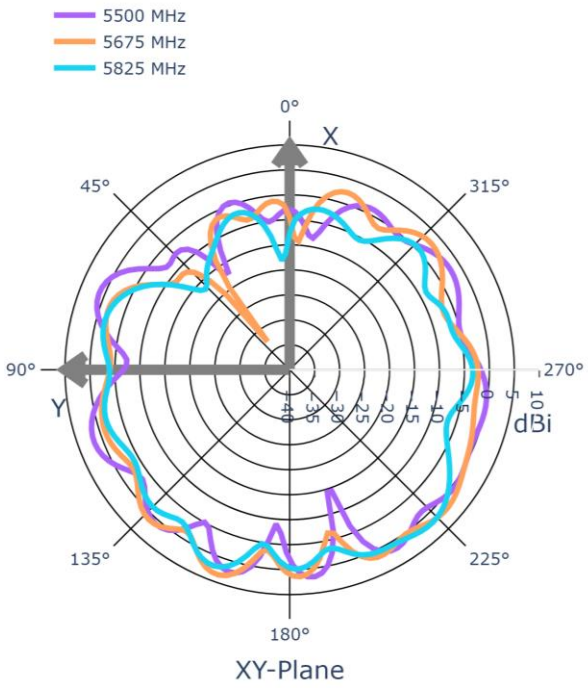

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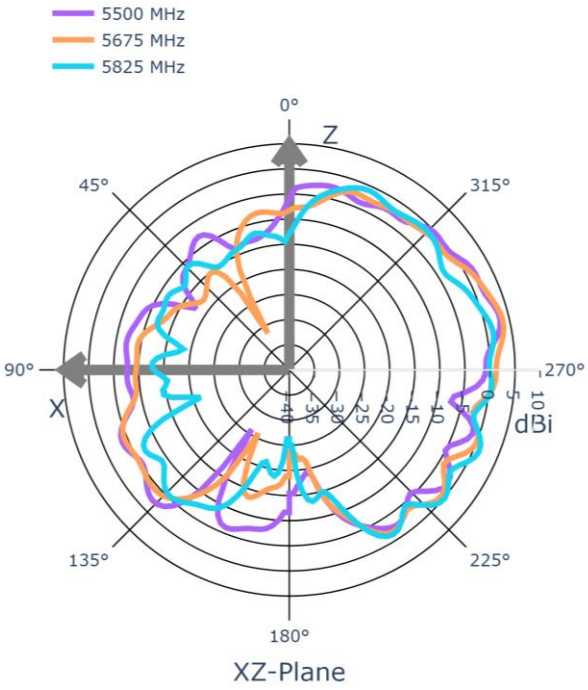
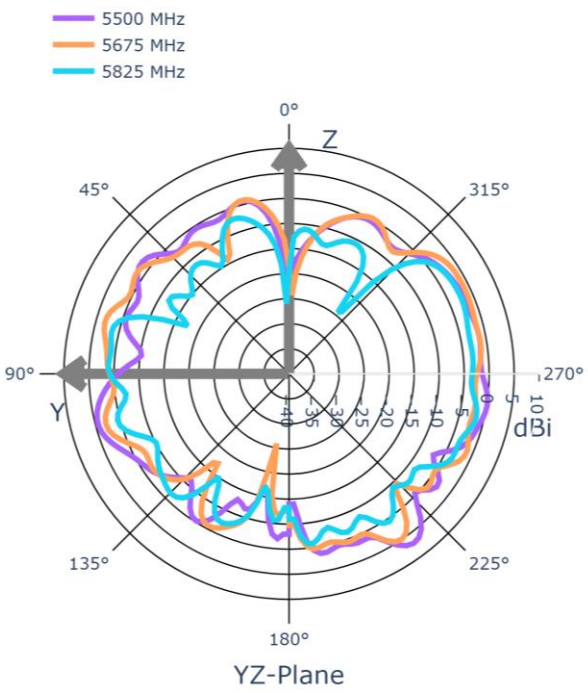


YZ_Pol._Theta_Ant.C@5G



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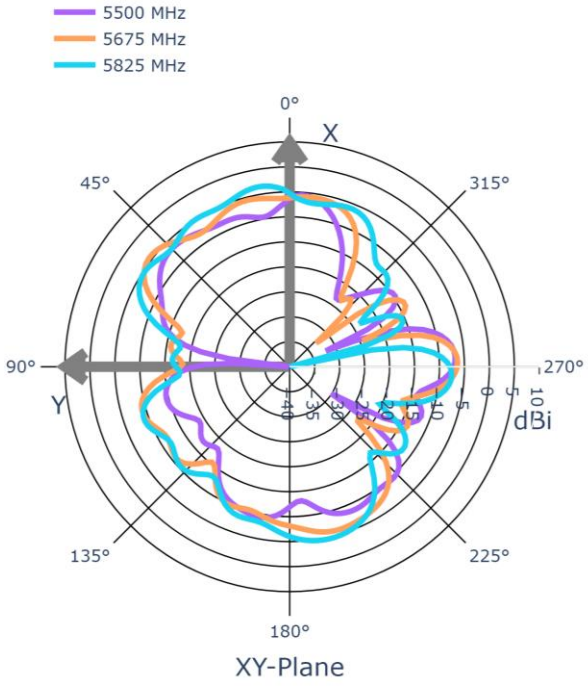

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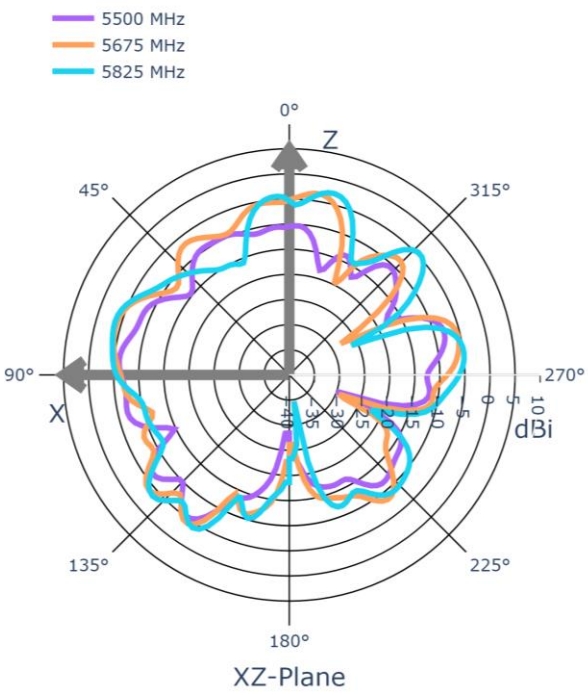

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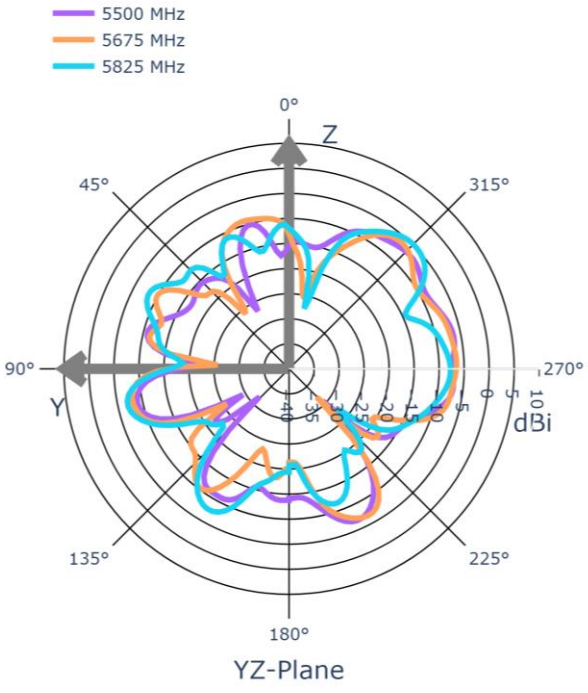

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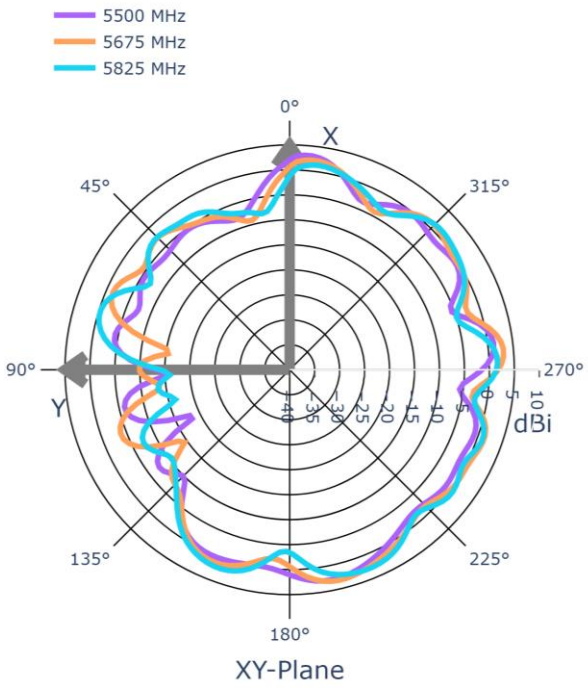

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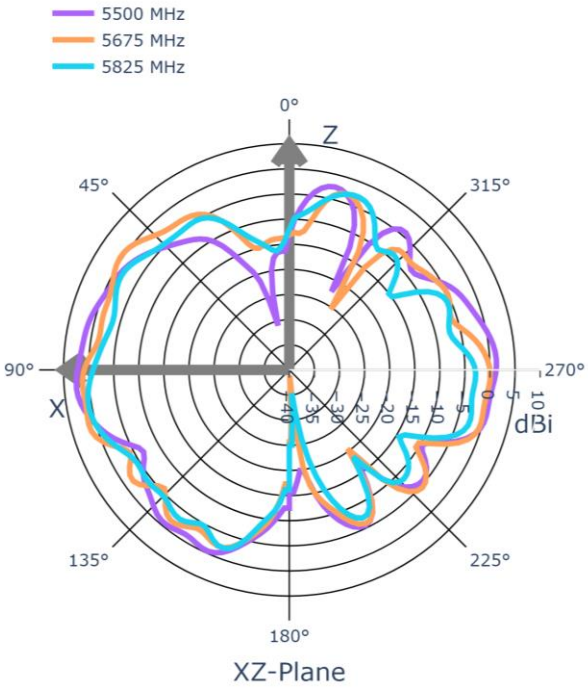

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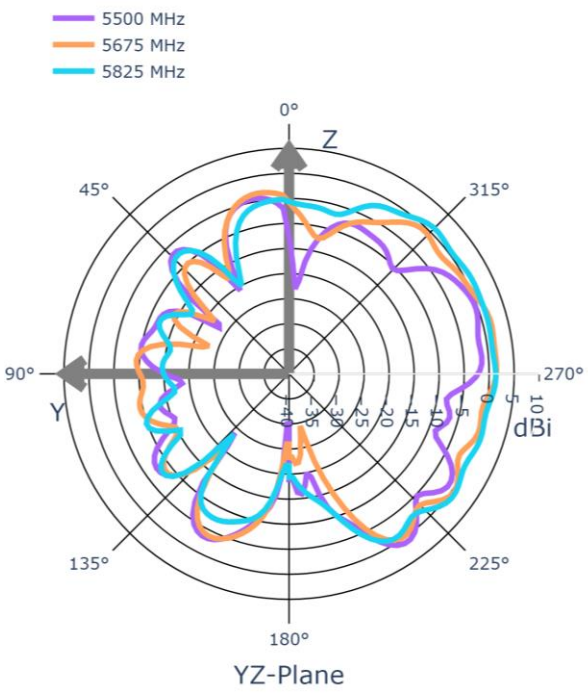
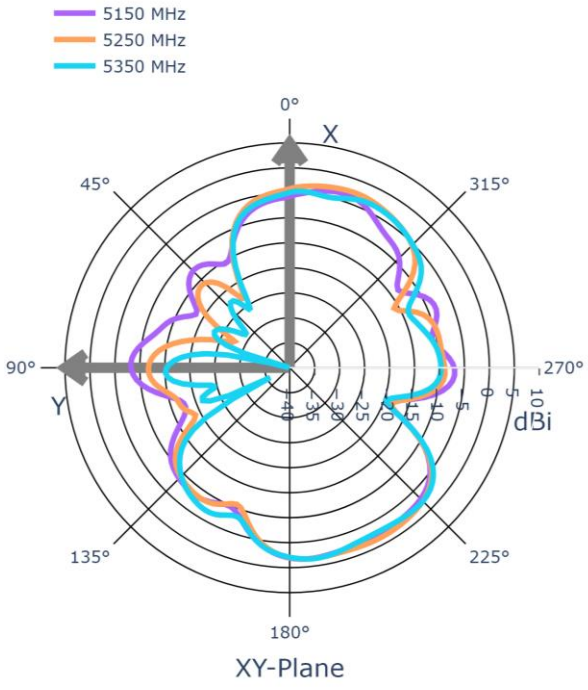


Ant. Position：5G-Low Ant.1~4

XY_Pol._Phi_Ant.1@5G



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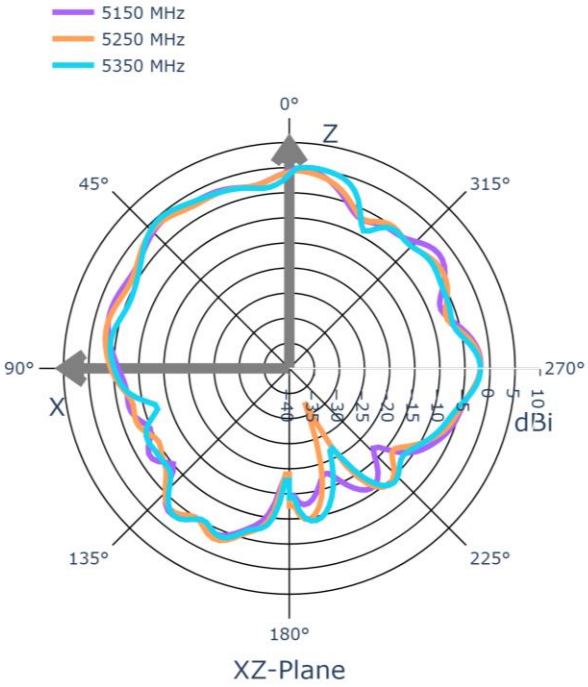

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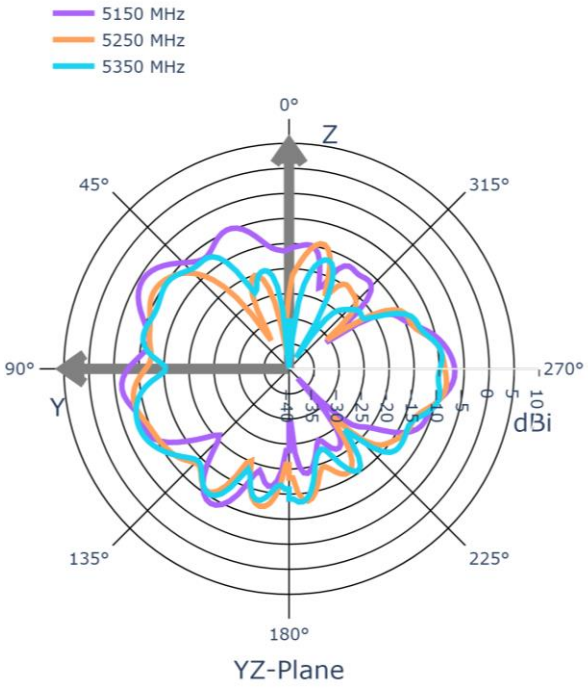

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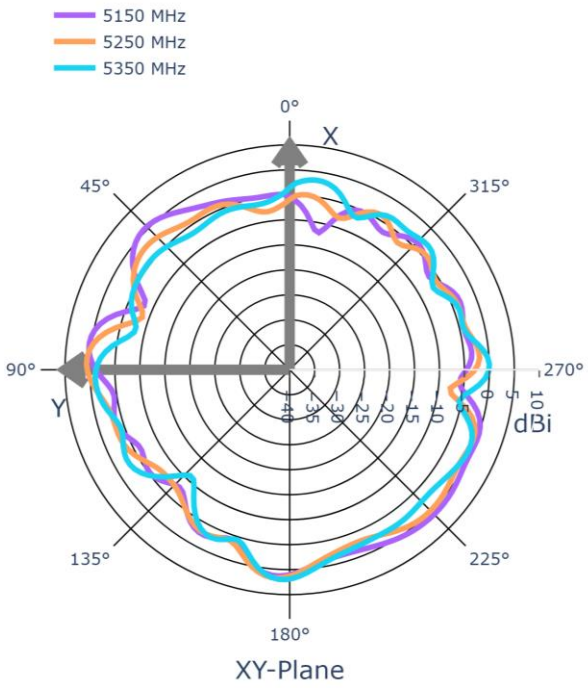

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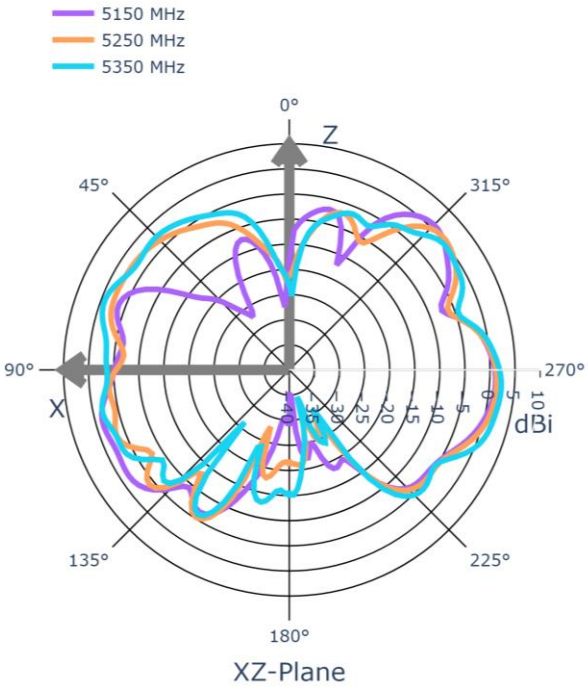

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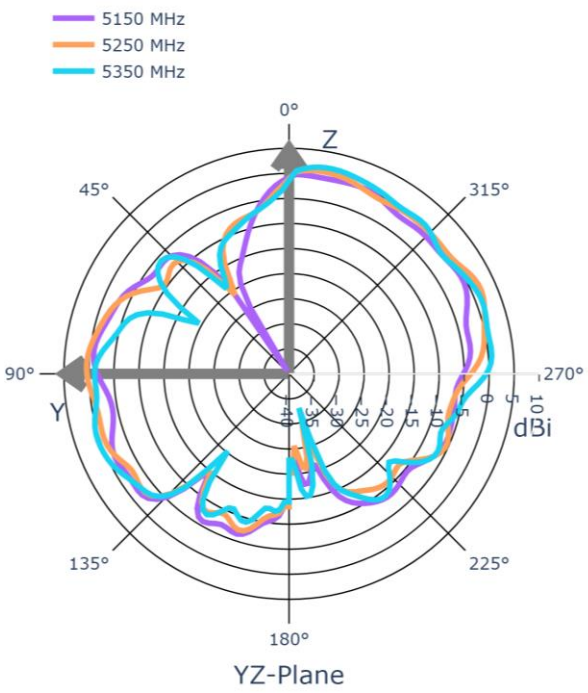

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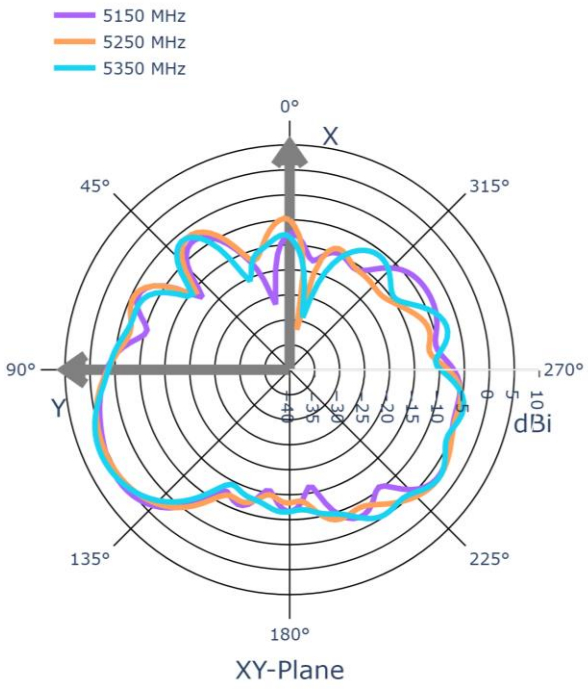
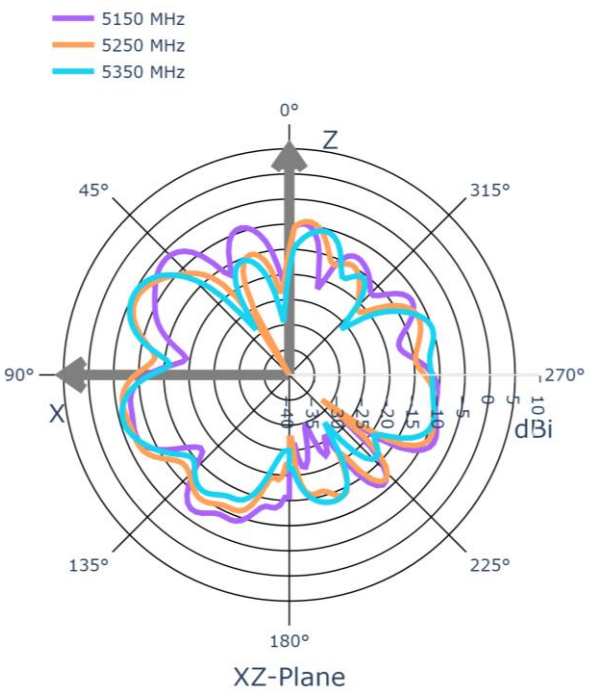


XZ_Pol._Phi_Ant.2@5G



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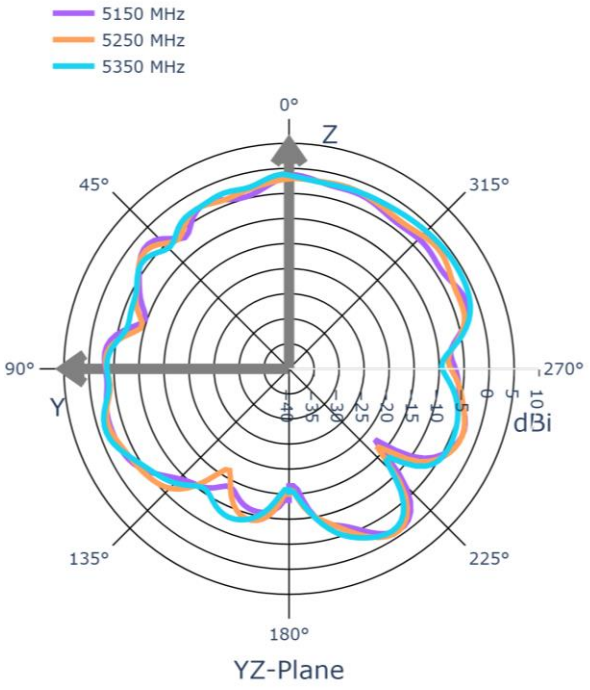

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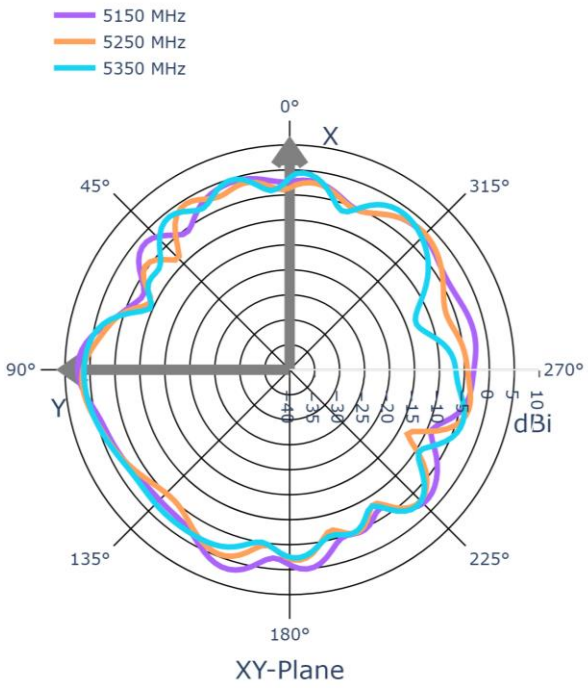

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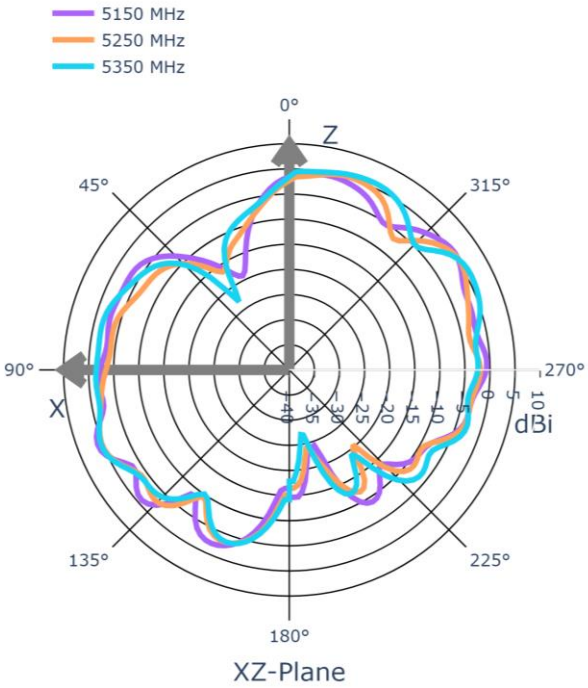

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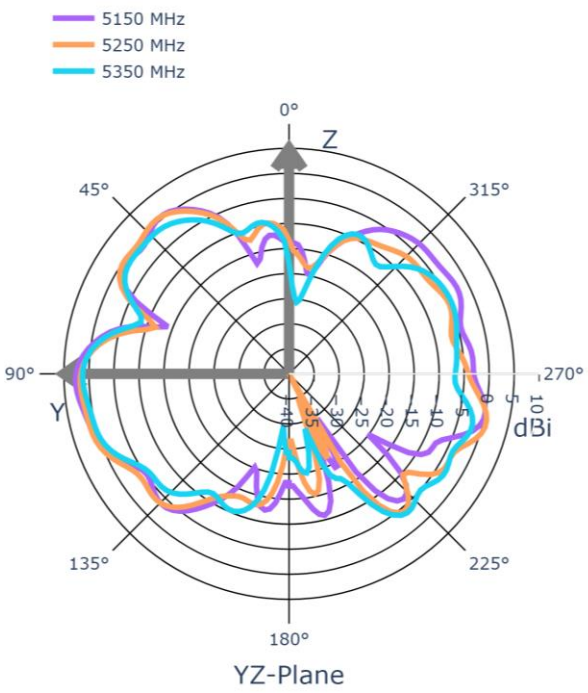
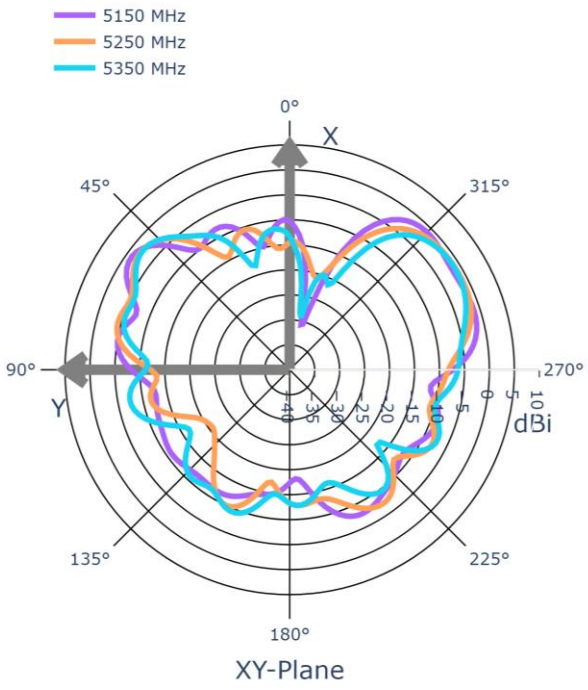


XY_Pol._Phi_Ant.3@5G



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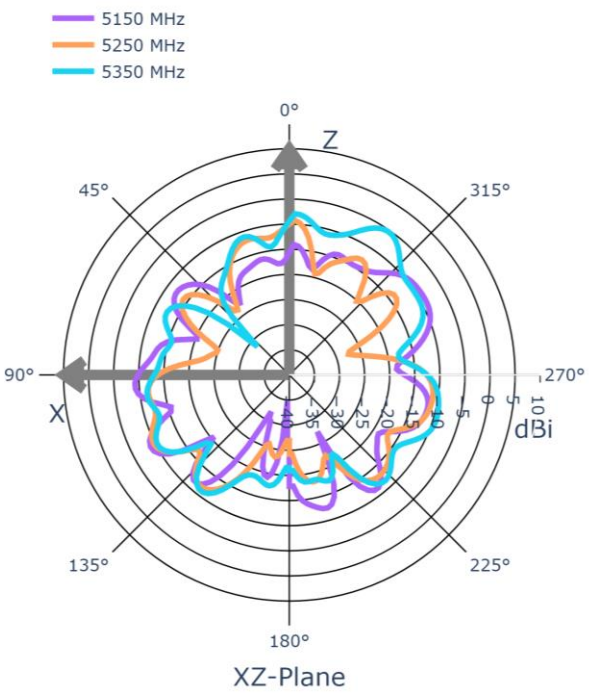

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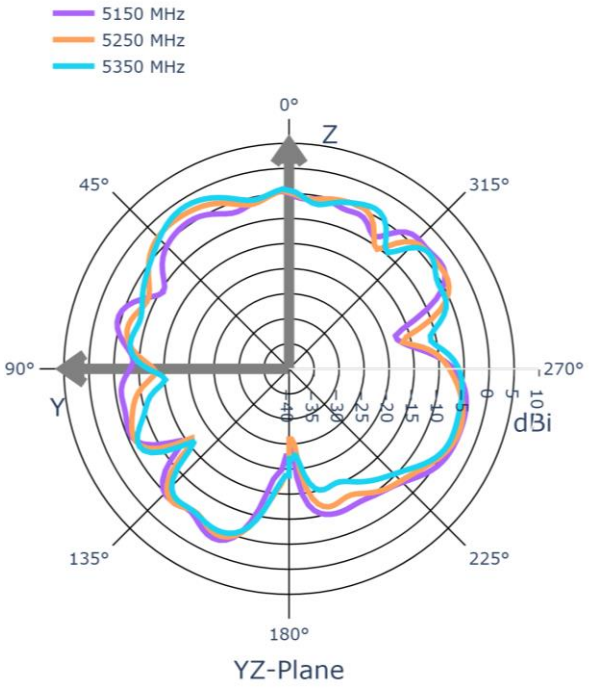

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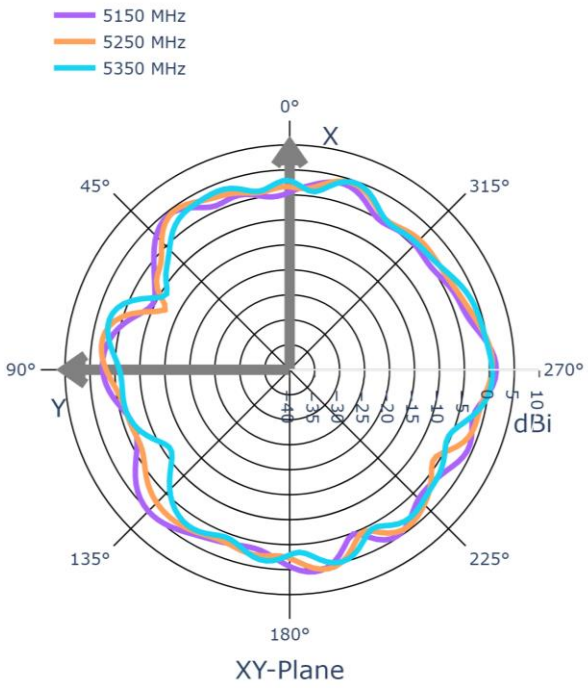

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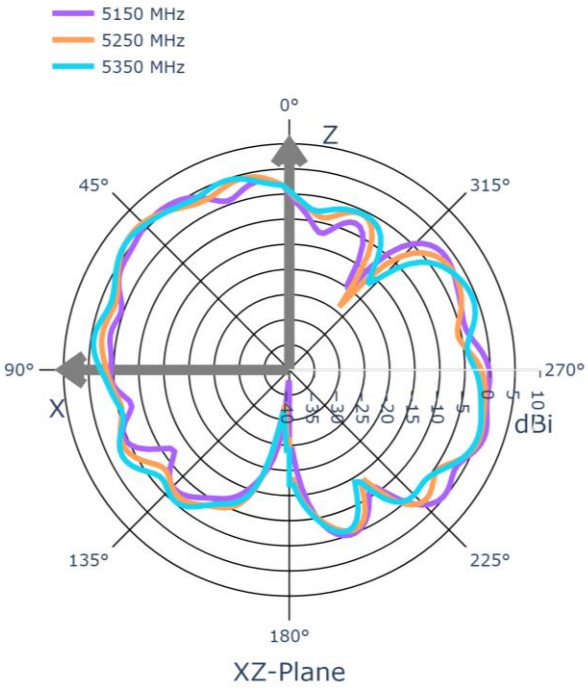

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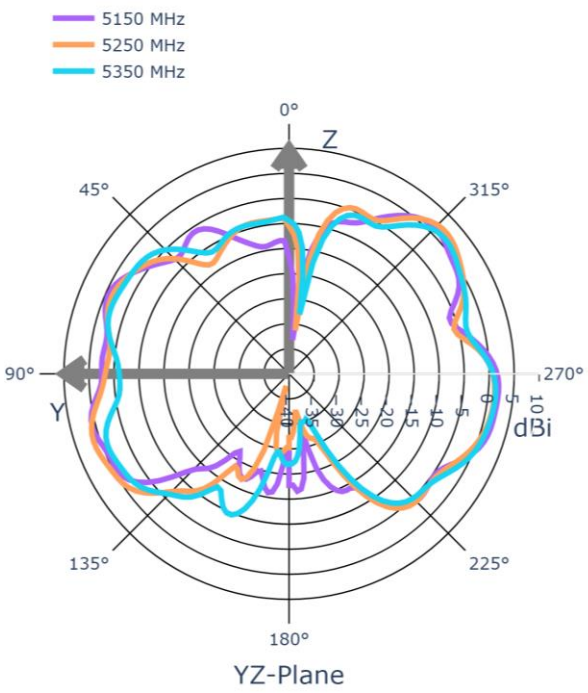

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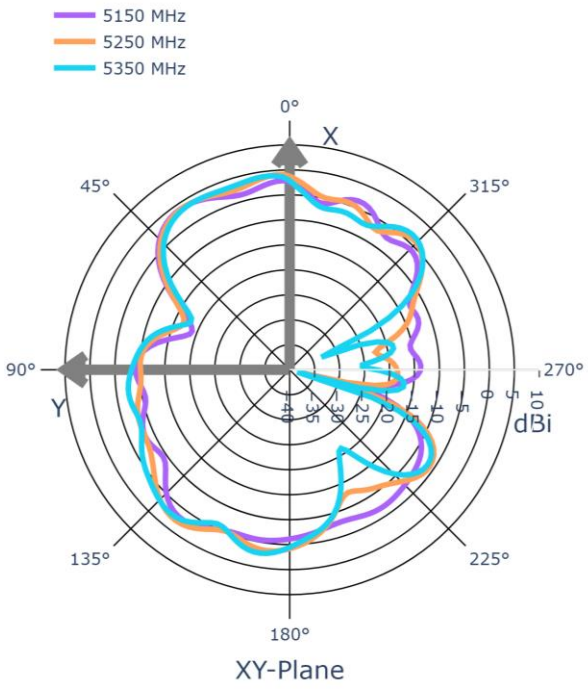

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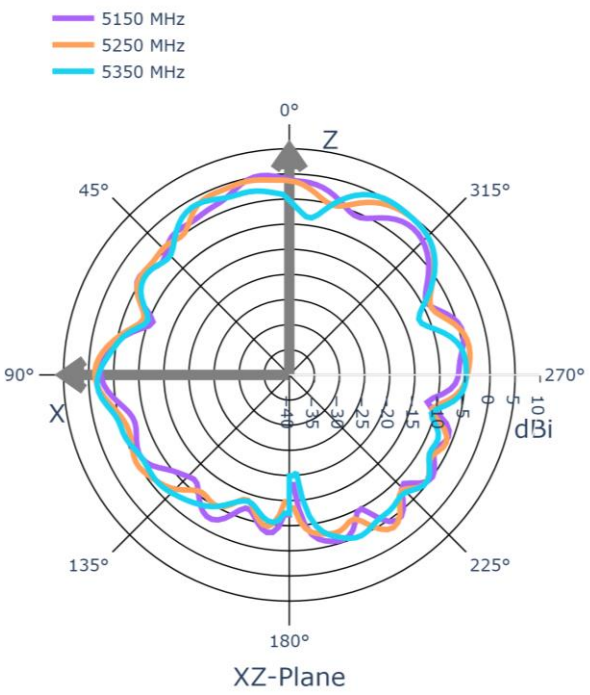

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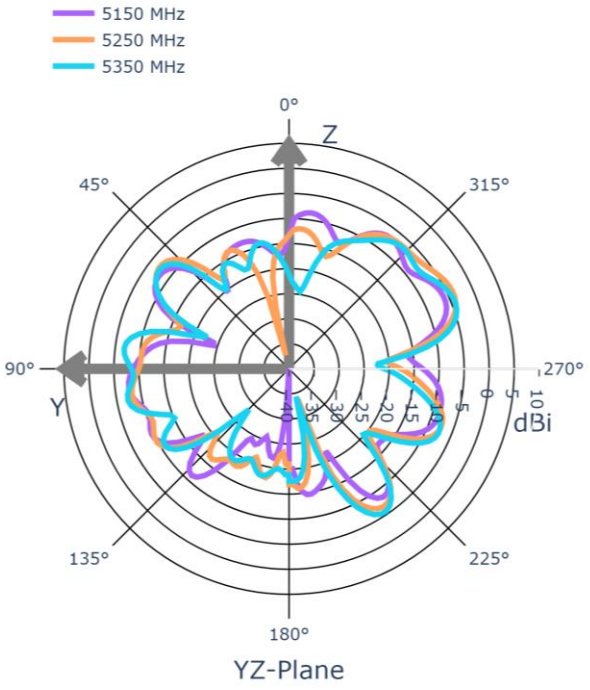

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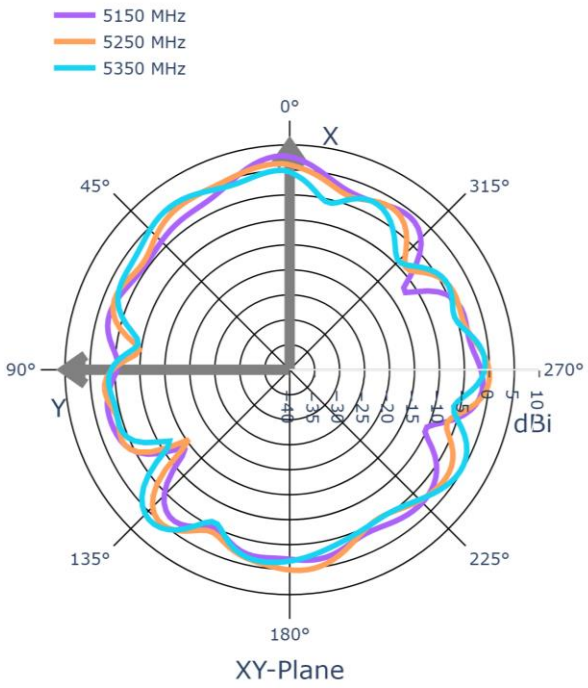

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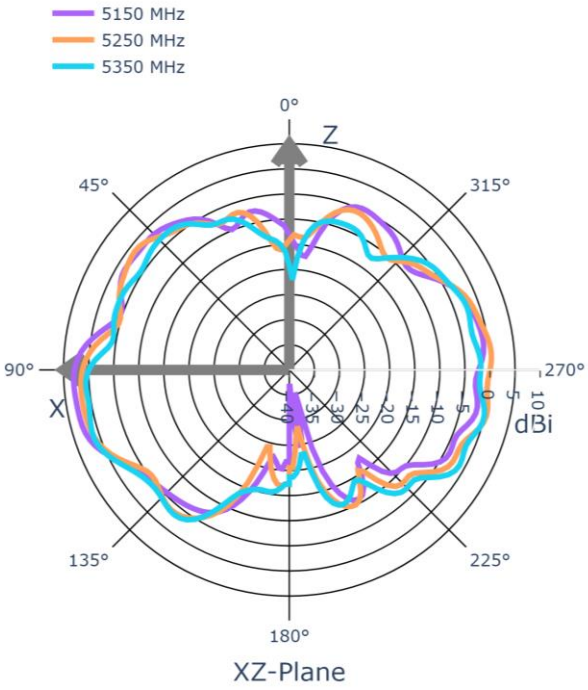

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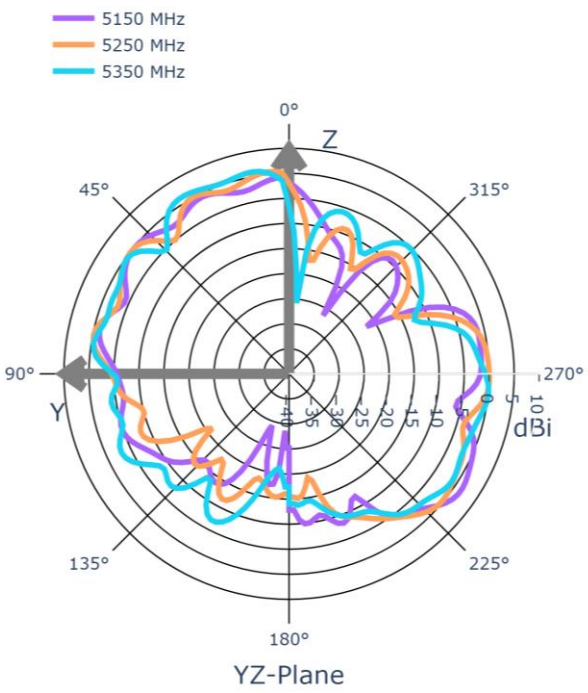
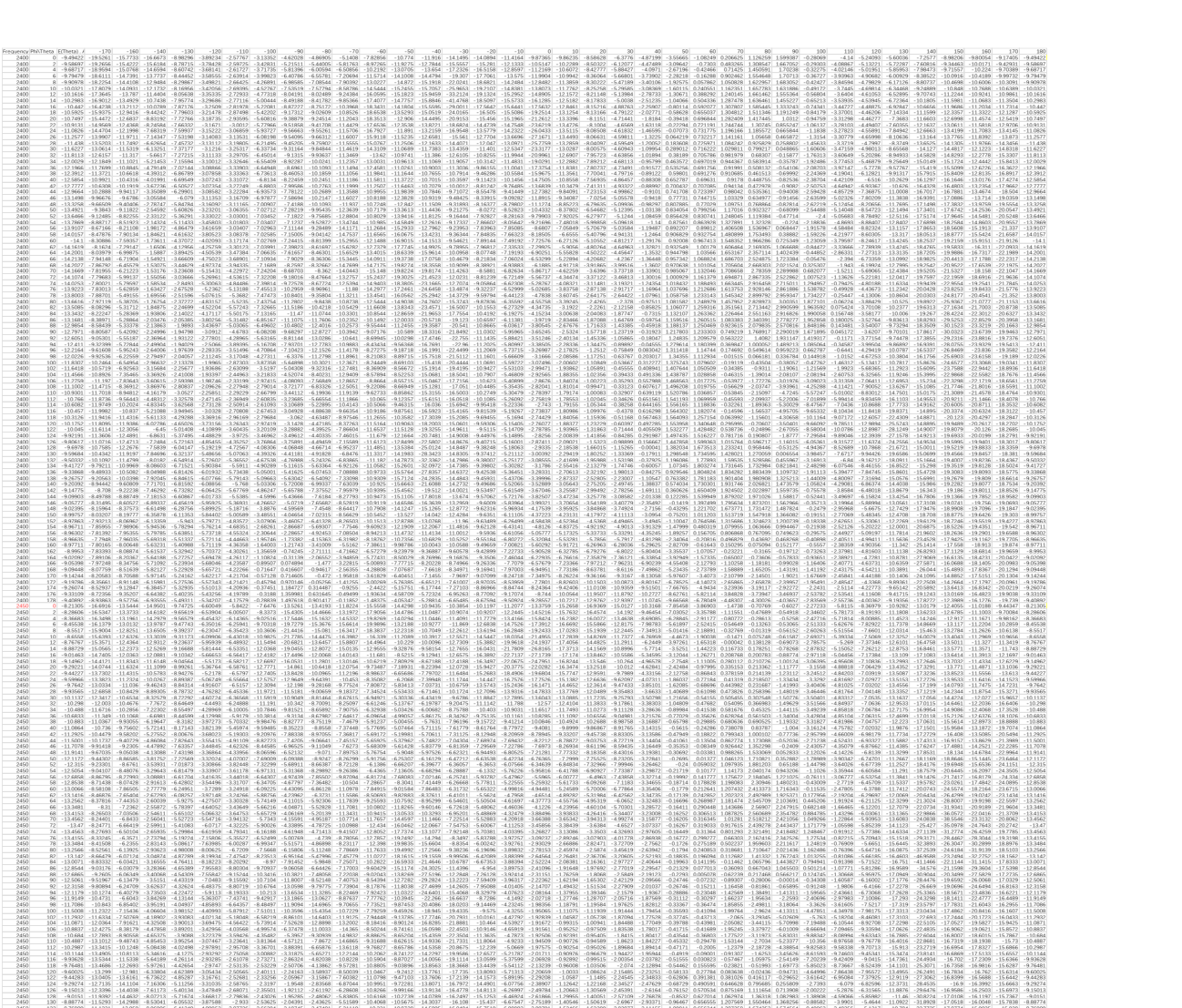


Appendix _Radiated Total Gain Result

Ant. Position：2.4G Ant.A_GAIN PHI

Ant. Position：2.4G Ant.A_GAIN THETA



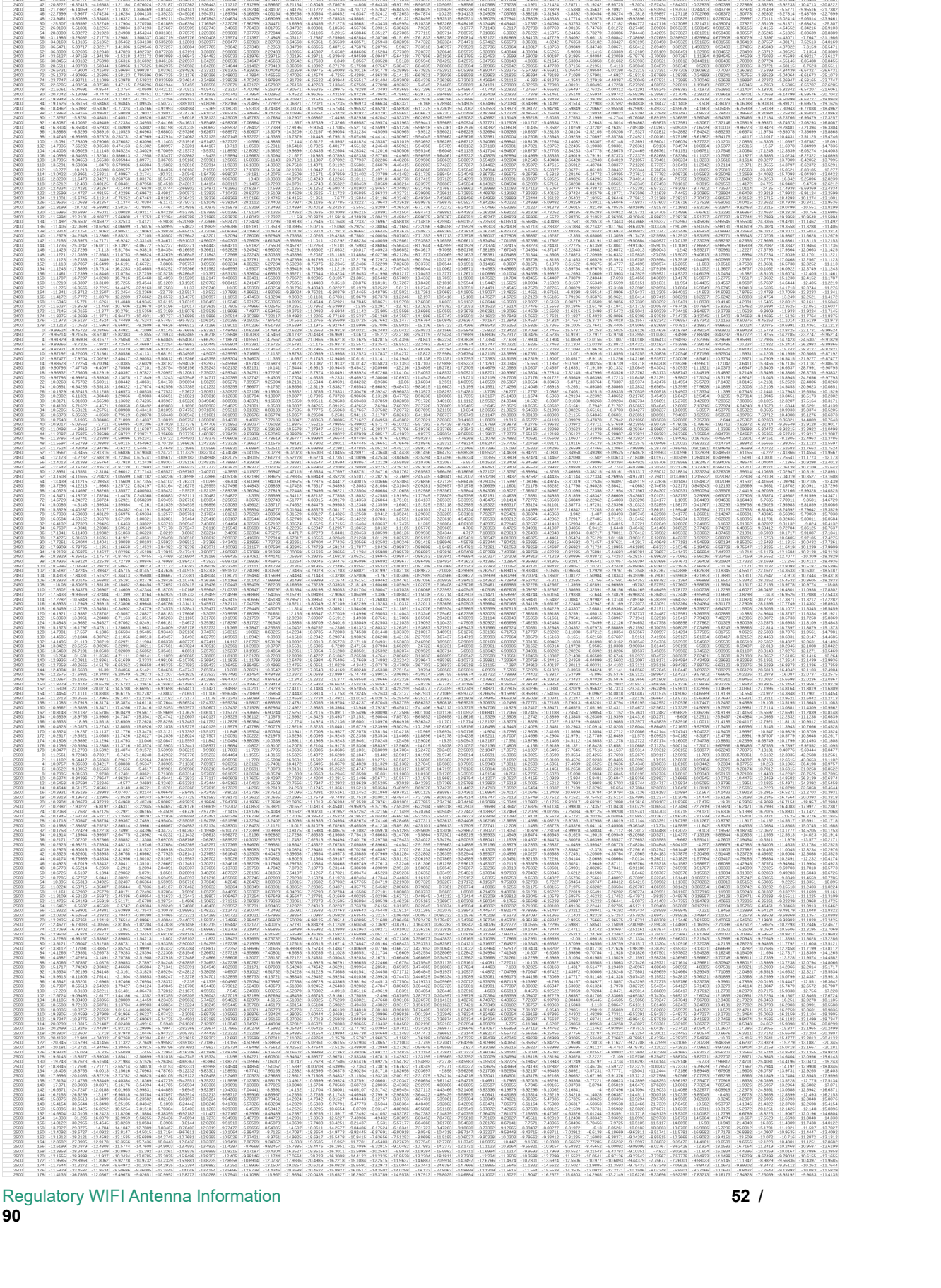
Ant. Position：2.4G Ant.B_GAIN PHI

Frequency	Phi	E(Phi) . Am	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-11.4746	-12.5501	-17.7335	-30.1954	-20.881	-15.1358	-12.9208	-11.7117	-13.7225	-19.0518	-19.2017	-18.0058	-29.5086	-17.0009	-11.5198	-10.0559	-8.49213	-6.65708	-6.39399	-8.03986	-11.5382	-14.5509	-13.8507	-11.9201	-11.5102	-14.7434	-22.9454	-24.4561	-15.6201	-10.8471	-8.95288	-10.1999	-16.6042	-19.8312	-16.8846	-14.3074	-11.4746
2400	0.034907	-11.1957	-12.2646	-17.338	-30.2903	-18.8313	-14.1659	-13.0437	-12.6156	-15.2393	-20.614	-19.8251	-18.9347	-31.2431	-17.8587	-12.1511	-10.3992	-8.64312	-6.69624	-6.28365	-7.80392	-11.2511	-14.9906	-14.8923	-12.8963	-12.949	-17.5259	-26.8344	-39.6678	-19.3802	-12.4632	-9.8364	-11.1034	-18.7734	-19.4636	-15.9254	-13.7716	-11.1957
2400	0.069813	-10.9316	-11.9917	-16.8867	-29.1629	-17.3724	-13.3754	-13.1384	-13.5608	-16.9203	-21.8453	-20.149	-19.7649	-31.6087	-18.6458	-12.6883	-10.6126	-8.71595	-6.70812	-6.17372	-7.59319	-10.9814	-15.2214	-15.7066	-13.7619	-14.3828	-19.3089	-19.3528	-21.7223	-25.8762	-14.1695	-10.5858	-11.9223	-21.4041	-18.7493	-15.0418	-13.279	-10.9316
2400	0.10472	-10.682	-11.7324	-16.4041	-27.7655	-16.3132	-12.7388	-13.2058	-14.5236	-18.607	-22.0306	-20.0309	-20.2759	-29.9236	-19.3904	-13.1096	-10.6848	-8.71328	-6.69409	-6.06476	-7.406	-10.7328	-15.2551	-16.1998	-14.4399	-15.5731	-18.0751	-14.7318	-16.1637	-25.6864	-15.2359	-10.9799	-12.5071	-24.3884	-17.9131	-14.2429	-12.8292	-10.682
2400	0.139626	-10.4463	-11.4872	-15.909	-26.5006	-15.5469	-12.2332	-13.2465	-15.4564	-19.7924	-20.8551	-19.436	-20.2265	-27.0952	-20.1313	-13.4072	-10.6204	-8.64271	-6.65622	-5.95727	-7.24074	-10.5076	-15.1357	-16.3539	-14.873	-16.1785	-15.4433	-11.7151	-12.7785	-18.6196	-14.6561	-10.8379	-12.7126	-26.5856	-17.0999	-13.528	-12.4205	-10.4463
2400	0.174533	-10.2243	-11.2565	-15.4147	-25.4227	-15.0086	-11.8385	-13.2599	-16.2805	-19.7357	-18.9171	-18.4654	-19.5618	-24.1666	-20.8916	-13.5933	-10.4402	-8.51563	-6.59715	-5.85172	-7.09594	-10.3075	-14.9207	-16.2405	-15.0532	-16.0176	-13.0582	-9.53384	-10.3579	-14.3011	-12.7583	-10.176	-12.4917	-25.9923	-16.379	-12.8917	-12.0511	-10.2243
2400	0.20944	-10.0154	-11.0405	-14.9306	-24.4878	-14.656	-11.5371	-13.2446	-16.8928	-18.4348	-16.8482	-17.2761	-18.4779	-21.5022	-21.6324	-13.6976	-10.1759	-8.34549	-6.51991	-5.74852	-6.97016	-10.1331	-14.6637	-15.9739	-15.0269	-15.2811	-11.1568	-7.86698	-8.49477	-11.3205	-10.5915	-9.19092	-11.9345	-23.8189	-15.7758	-12.3275	-11.7186	-10.0154
2400	0.244346	-9.81944	-10.8393	-14.4633	-23.6377	-14.4605	-11.3134	-13.1976	-17.1996	-16.6375	-14.9081	-15.9976	-17.2348	-19.1586	-22.1827	-13.761	-9.86244	-8.14627	-6.42769	-5.64807	-6.862	-9.98418	-14.4058	-15.6585	-14.8717	-14.3134	-9.66327	-6.55431	-7.00169	-9.07035	-8.62783	-8.09632	-11.1977	-21.7937	-15.2949	-11.8283	-11.421	-9.81944
2400	0.279253	-9.63592	-10.6529	-14.0173	-22.8237	-14.4024	-11.1537	-13.1151	-17.1677	-14.8645	-13.1569	-14.7089	-16.0077	-17.1126	-22.2099	-13.8273	-9.53291	-7.93119	-6.32376	-5.55069	-6.77008	-9.86018	-14.1746	-15.3663	-14.6653	-13.3541	-8.48923	-5.50505	-5.7766	-7.2839	-6.95162	-7.03023	-10.4177	-20.247	-14.932	-11.3877	-11.1561	-9.63592
2400	0.314159	-9.46454	-10.481	-13.5957	-22.0139	-14.4683	-11.0459	-12.993	-16.8458	-13.2849	-11.5919	-13.4501	-14.8778	-15.3276	-21.431	-13.9378	-9.21487	-7.71193	-6.21127	-5.45669	-6.693	-9.75972	-13.9864	-15.1397	-14.4689	-12.512	-7.56925	-4.6629	-4.7577	-5.82296	-5.54039	-6.05935	-9.68029	-19.1263	-14.6788	-10.9997	-10.922	-9.46454
2400	0.349066	-9.30498	-10.3235	-13.2008	-21.1944	-14.6498	-10.9801	-12.8278	-16.3312	-11.9221	-10.1962	-12.2396	-13.8709	-13.7694	-19.9501	-14.1291	-8.92981	-7.49827	-6.09316	-5.36635	-6.62931	-9.6809	-13.8496	-15.0007	-14.3246	-11.8235	-6.85769	-3.99056	-3.90468	-4.60713	-4.35492	-5.20871	-9.02951	-18.3472	-14.5259	-10.6588	-10.7167	-9.30498
2400	0.383972	-9.15696	-10.18	-12.8344	-20.3656	-14.943	-10.9486	-12.6177	-15.7195	-10.7597	-8.9527	-11.0855	-12.9855	-12.4095	-18.1427	-14.4329	-8.69375	-7.29809	-5.97209	-5.27991	-6.57755	-9.62118	-13.7667	-14.9598	-14.2595	-11.2945	-6.32262	-3.46203	-3.18976	-3.58555	-3.36005	-4.48337	-8.48415	-17.842	-14.4624	-10.36	-10.5386	-9.15696
2400	0.418879	-9.0202	-10.05	-12.4978	-19.5372	-15.3488	-10.946	-12.3635	-15.0772	-9.77449	-7.84711	-9.99177	-12.2077	-11.2243	-16.3105	-14.8772	-8.51837	-7.11747	-5.85044	-5.19759	-6.53617	-9.57744	-13.7364	-15.0212	-14.2913	-10.9204	-5.94133	-3.05845	-2.59302	-2.72397	-2.5277	-3.87996	-8.04963	-17.5578	-14.476	-10.0987	-10.3859	-9.0202
2400	0.453786	-8.89444	-9.93316	-12.1922	-18.7227	-15.8736	-10.9697	-12.0695	-14.4406	-8.94579	-6.86833	-8.96094	-11.518	-10.1947	-14.5966	-15.4864	-8.41208	-6.96089	-5.73023	-5.11958	-6.50354	-9.54592	-13.7543	-15.1859	-14.4329	-10.6941	-5.69745	-2.76567	-2.09966	-1.99822	-1.836	-3.39204	-7.72485	-17.4476	-14.552	-9.87054	-10.2573	-8.89444
2400	0.488692	-8.77947	-9.82874	-11.9184	-17.9357	-16.53	-11.0195	-11.7425	-13.8237	-8.25659	-6.00778	-7.99527	-10.8946	-9.30458	-13.048	-16.2781	-8.38102	-6.83146	-5.61318	-5.04605	-6.47796	-9.52222	-13.8128	-15.4534	-14.6959	-10.6097	-5.57903	-2.57277	-1.69841	-1.39049	-1.26783	-3.01252	-7.50557	-17.4612	-14.6718	-9.67146	-10.1513	-8.77947
2400	0.523599	-8.67507	-9.73608	-11.6772	-17.1872	-17.3403	-11.0972	-11.3921	-13.2276	-7.69333	-5.2588	-7.09694	-10.315	-8.54033	-11.6706	-17.2503	-8.42967	-6.7311	-5.5007	-4.97714	-6.45766	-9.50132	-13.9015	-15.821	-15.0926	-10.6632	-5.57737	-2.47115	-1.38051	-0.88728	-0.80962	-2.73458	-7.38601	-17.5359	-14.8121	-9.49755	-10.0665	-8.67507
2400	0.558505	-8.58106	-9.65437	-11.4693	-16.4856	-18.3394	-11.2057	-11.0289	-12.6473	-7.24496	-4.61621	-6.268	-9.75804	-7.88995	-10.4559	-18.3442	-8.56127	-6.6607	-5.3939	-4.91298	-6.44075	-9.47763	-14.0065	-16.2833	-15.6388	-10.8534	-5.68619	-2.45389	-1.13898	-0.47799	-0.45037	-2.552	-7.35931	-17.5894	-14.944	-9.34502	-10.0017	-8.58106
2400	0.593412	-8.49727	-9.58271	-11.2952	-15.8361	-19.5836	-11.3489	-10.6641	-12.0768	-6.90219	-4.07593	-5.51022	-9.20581	-7.34247	-9.39107	-19.3634	-8.77791	-6.62019	-5.29366	-4.8537	-6.42532	-9.44516	-14.1105	-16.8293	-16.3562	-11.182	-5.9012	-2.51531	-0.96822	-0.15412	-0.18099	-2.45919	-7.41744	-17.5238	-15.0336	-9.21013	-9.95562	-8.49727
2400	0.628319	-8.42356	-9.52008	-11.1554	-15.242	-21.1667	-11.5299	-10.3084	-11.5116	-6.65667	-3.63467	-4.82501	-8.64524	-6.88739	-8.46333	-19.8966	-9.08036	-6.60862	-5.20063	-4.79938	-6.40937	-9.39769	-14.1921	-17.4366	-17.2755	-11.654	-6.21969	-2.65075	-0.86364	0.091353	0.006253	-2.4511	-7.55078	-17.2481	-15.0453	-9.08918	-9.92714	-8.42356
2400	0.663225	-8.35979	-9.46533	-11.0503	-14.7049	-23.2587	-11.7503	-9.97125	-10.9509	-6.50029	-3.28975	-4.21334	-8.06956	-6.51416	-7.66099	-19.5257	-9.46743	-6.62415	-5.11525	-4.75011	-6.39092	-9.32915	-14.2277	-18.0634	-18.4417	-12.2787	-6.64049	-2.85632	-0.82143	0.26438	0.118118	-2.52305	-7.74738	-16.7166	-14.9482	-8.97852	-9.91507	-8.35979
2400	0.698132	-8.30586	-9.41723	-10.9799	-14.2254	-26.216	-12.0089	-9.6611	-10.3973	-6.4244	-3.03882	-3.67574	-7.47846	-6.21172	-6.97375	-18.3222	-9.93474	-6.66411	-5.03782	-4.70597	-6.36798	-9.23394	-14.193	-18.6372	-19.9212	-13.0709	-7.16386	-3.12884	-0.83837	0.370141	0.160693	-2.67058	-7.99214	-15.9502	-14.7228	-8.87456	-9.91823	-8.30586
2400	0.733038	-8.26167	-9.3744	-10.9442	-13.8035	-31.023	-12.3005	-9.38491	-9.85665	-6.41903	-2.87969	-3.21229	-6.87716	-5.9681	-6.39248	-16.7478	-10.4726	-6.72489	-4.96851	-4.66703	-6.33865	-9.10743	-14.0672	-19.0505	-21.8084	-14.0529	-7.79167	-3.46571	-0.91171	0.413281	0.139649	-2.88922	-8.26605	-15.0203	-14.3666	-8.77379	-9.93545	-8.26167
2400	0.767945	-8.22714	-9.3354	-10.9431	-13.4388	-43.2024	-12.6145	-9.14849	-9.3367	-6.47205	-2.81003	-2.82259	-6.27462	-5.77014	-5.90901	-15.1638	-11.0627	-6.80202	-4.90735	-4.63332	-6.30115	-8.94629	-13.8366	-19.18	-24.2036	-15.2576	-8.52772	-3.86495	-1.039	0.39809	0.060445	-3.17429	-8.54601	-14.0102	-13.8935	-8.67284	-9.96555	-8.22714
2400	0.802851	-8.20222	-9.2987	-10.9757	-13.131	-35.8504	-12.9338	-8.95667	-8.8462	-6.56836	-2.82701	-2.50581	-5.68156	-5.60349	-5.51578	-13.7244	-11.6735	-6.89015	-4.85433	-4.60489	-6.2539	-8.74884	-13.4979	-18.9414	-26.9503	-16.7337	-9.37828	-4.32515	-1.21806	0.328661	-0.07149	-3.52064	-8.80555	-12.9873	-13.329	-8.56858	-10.0073	-8.20222

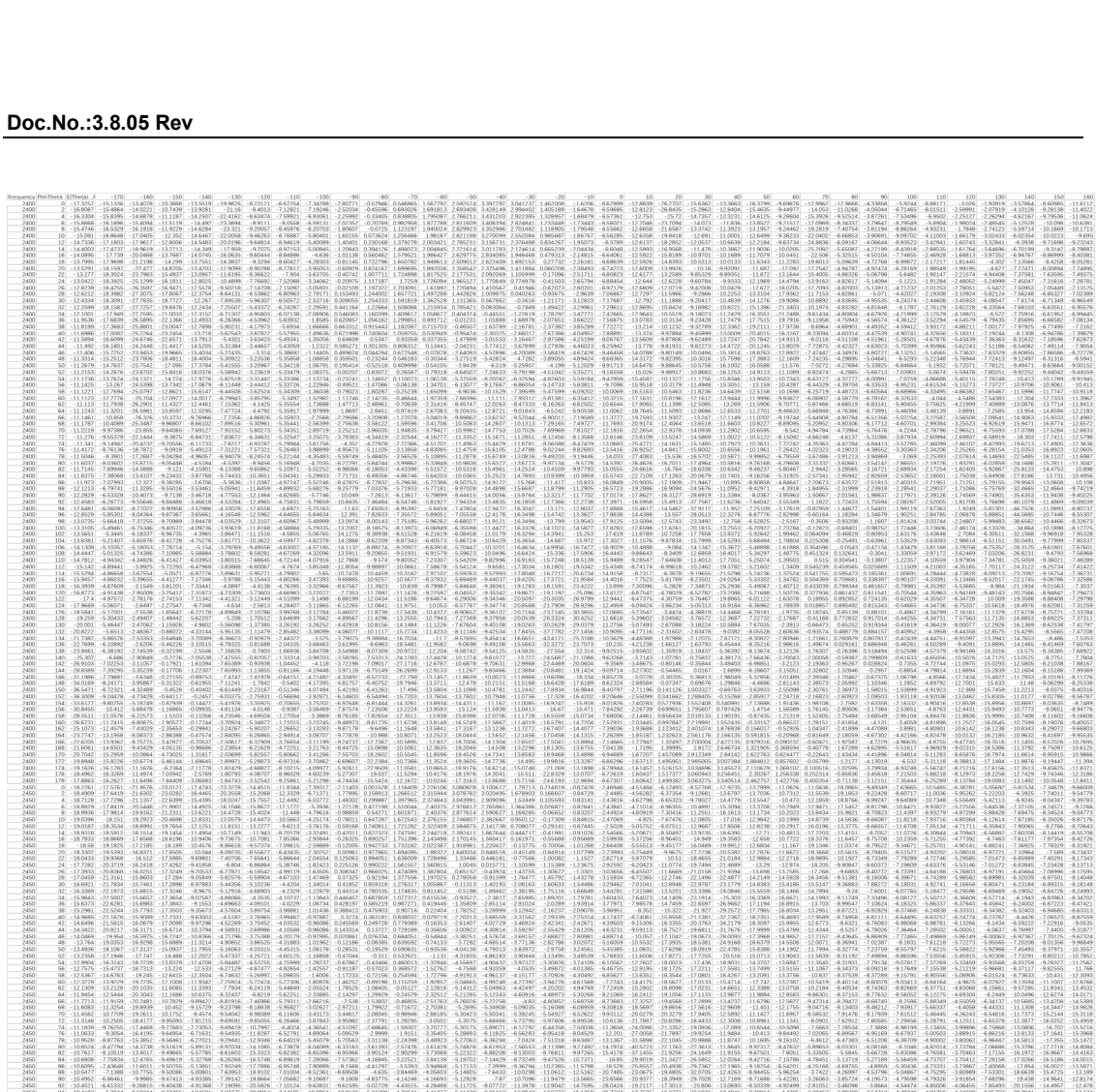
Ant. Position：2.4G Ant.B_GAIN THETA

Frequency	Phi\Theta	E(Theta) . A	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
2400	0	-10.1766	-8.502	-6.11153	-7.46924	-9.96001	-6.29698	-4.52922	-4.93264	-5.96038	-5.22422	-3.58445	-4.76852	-9.3104	-13.8178	-13.7779	-10.0535	-6.93419	-5.95063	-5.31444	-3.96789	-1.68453	0.704421	1.764306	1.504694	1.518527	1.800756	0.468603	-2.53693	-4.52405	-6.5003	-11.2763	-16.6065	-16.525	-10.8242	-9.37233	-14.3428
2400	2	-10.3957	-8.54471	-6.02797	-7.22735	-10.3107	-6.95752	-5.10001	-5.67834	-6.77514	-5.51933	-3.50575	-4.46911	-8.53485	-12.3765	-13.035	-10.2213	-7.11193	-6.05394	-5.40249	-4.18565	-1.90149	0.577501	1.685981	1.476979	1.611004	2.016031	0.78708	-2.27313	-4.61231	-6.41364	-10.1812	-14.2767	-14.9219	-10.3375	-9.09215	-14.5493
2400	4	-10.6283	-8.5927	-5.94877	-6.94787	-10.458	-7.62535	-5.69856	-6.53007	-7.818	-5.96506	-3.54974	-4.2873	-7.89989	-11.1439	-12.2269	-10.3447	-7.31009	-6.17622	-5.49434	-4.40466	-2.1311	0.427951	1.578837	1.413182	1.657421	2.19128	1.099526	-1.92938	-4.59917	-6.26898	-9.16757	-12.4279	-13.5517	-9.90162	-8.85513	-14.764
2400	6	-10.8748	-8.64569	-5.87549	-6.64224	-10.3749	-8.25971	-6.27745	-7.42926	-9.13014	-6.57922	-3.71709	-4.2163	-7.38783	-10.089	-11.4046	-10.4078	-7.52601	-6.31723	-5.58974	-4.62312	-2.37221	0.25682	1.443954	1.313792	1.657991	2.32514	1.39626	-1.52831	-4.47148	-6.06771	-8.24567	-10.8977	-12.3523	-9.51005	-8.65803	-14.9828
2400	8	-11.1356	-8.70335	-5.80973	-6.32209	-10.0774	-8.80711	-6.76889	-8.24977	-10.7495	-7.38959	-4.01173	-4.252	-6.98619	-9.18604	-10.6019	-10.3971	-7.75647	-6.47663	-5.68841	-4.83903	-2.62332	0.065418	1.282533	1.179288	1.612764	2.416421	1.668984	-1.09484	-4.23124	-5.81651	-7.41544	-9.59646	-11.284	-9.15768	-8.49809	-15.2008
2400	10	-11.4112	-8.76529	-5.75311	-5.99825	-9.61607	-9.20938	-7.09343	-8.7832	-12.6484	-8.43974	-4.44134	-4.39263	-6.68633	-8.41501	-9.83831	-10.3043	-7.99752	-6.65402	-5.79002	-5.05021	-2.88253	-0.14465	1.095959	1.010217	1.52164	2.463971	1.910714	-0.65247	-3.89565	-5.52687	-6.67299	-8.46962	-10.3214	-8.84069	-8.37296	-15.4124
2400	12	-11.7019	-8.83108	-5.70721	-5.68011	-9.05438	-9.42064	-7.18499	-8.8121	-14.4889	-9.80034	-5.01818	-4.63848	-6.48253	-7.7609	-9.12456	-10.1273	-8.24424	-6.84883	-5.89422	-5.25438	-3.1475	-0.37143	0.885889	0.807307	1.384392	2.466591	2.115661	-0.22118	-3.49222	-5.21362	-6.01335	-7.48198	-9.4472	-8.55624	-8.28059	-15.6117
2400	14	-12.0081	-8.90022	-5.6735	-5.37541	-8.44916	-9.42613	-7.02246	-8.27891	-15.2128	-11.5935	-5.76044	-4.99184	-6.37141	-7.21253	-8.46561	-9.87084	-8.49069	-7.06033	-6.00061	-5.44919	-3.4154	-0.61258	0.654354	0.571625	1.200728	2.423	2.279089	0.183317	-3.05201	-4.8929	-5.43165	-6.60968	-8.64999	-8.30228	-8.21915	-15.7918
2400	16	-12.33	-8.97219	-5.65335	-5.09025	-7.84249	-9.24919	-6.64163	-7.34253	-14.0245	-14.0523	-6.69425	-5.45697	-6.3516	-6.76161	-7.86331	-9.54557	-8.72974	-7.28757	-6.10875	-5.6323	-3.68295	-0.86528	0.40387	0.304769	0.970405	2.331838	2.397181	0.549411	-2.60392	-4.58042	-4.92356	-5.836	-7.92189	-8.07741	-8.187	-15.946
2400	18	-12.6678	-9.04641	-5.64794	-4.82929	-7.26169	-8.94028	-6.11535	-6.23148	-11.8795	-17.6906	-7.85623	-6.03995	-6.4235	-6.40215	-7.31797	-9.16612	-8.95321	-7.5293	-6.21817	-5.80145	-3.9464	-1.12621	0.137578	0.009135	0.693386	2.191704	2.466925	0.868994	-2.17159	-4.29023	-4.4854	-5.1489	-7.25744	-7.88064	-8.1826	-16.0677
2400	20	-13.0217	-9.12227	-5.65834	-4.596	-6.72281	-8.55736	-5.52159	-5.11171	-9.74538	-23.7361	-9.29498	-6.7482	-6.58926	-6.12989	-6.82924	-8.74893	-9.15211	-7.78393	-6.32833	-5.9546	-4.20159	-1.39153	-0.14063	-0.31177	0.370094	2.00123	2.486021	1.136751	-1.77266	-4.03414	-4.11411	-4.53956	-6.65279	-7.71134	-8.20446	-16.151
2400	22	-13.3913	-9.19914	-5.68538	-4.39286	-6.23424	-8.15091	-4.92273	-4.06897	-7.89506	-26.017	-11.0626	-7.58889	-6.85285	-5.94202	-6.3966	-8.3104	-9.31729	-8.04941	-6.43867	-6.09001	-4.44411	-1.65681	-0.42599	-0.65294	0.001778	1.759196	2.452828	1.349519	-1.41928	-3.82163	-3.80719	-4.00141	-6.10519	-7.56906	-8.25113	-16.1912
2400	24	-13.7762	-9.2764	-5.72973	-4.22165	-5.79971	-7.75793	-4.36067	-3.13766	-6.33787	-18.8749	-13.1531	-8.56455	-7.22016	-5.8369	-6.01972	-7.86555	-9.44022	-8.32315	-6.54857	-6.20636	-4.66942	-1.91714	-0.71277	-1.00743	-0.40896	1.464706	2.366344	1.505781	-1.11918	-3.66002	-3.56266	-3.52954	-5.61262	-7.45348	-8.32115	-16.1855
2400	26	-14.1755	-9.35345	-5.79182	-4.08361	-5.4202	-7.40251	-3.86034	-2.32661	-5.03096	-14.4043	-15.2159	-9.66185	-7.69929	-5.8139	-5.69848	-7.42734	-9.51403	-8.60195	-6.65736	-6.30282	-4.87316	-2.16718	-0.99429	-1.36601	-0.8574	1.117437	2.226226	1.605278	-0.87678	-3.5549	-3.37896	-3.12025	-5.1736	-7.36439	-8.41301	-16.133
2400	28	-14.5875	-9.42972	-5.87189	-3.97959	-5.09522	-7.09876	-3.43508	-1.63358	-3.93091	-11.3873	-15.987	-10.8254	-8.30081	-5.87335	-5.43313	-7.00649	-9.53452	-8.88185	-6.76434	-6.37912	-5.05136	-2.4014	-1.263	-1.71682	-1.33573	0.718009	2.032855	1.648748	-0.6941	-3.51042	-3.25491	-2.77078	-4.78701	-7.30157	-8.52517	-16.0351
2400	30	-15.0098	-9.5047	-5.96993	-3.91023	-4.82357	-6.85394	-3.0911	-1.05217	-3.00272	-9.1418	-14.5578	-11.9076	-9.03792	-6.01643	-5.22418	-6.6116	-9.50086	-9.15812	-6.86876	-6.43557	-5.20082	-2.61428	-1.5108	-2.04555	-1.83182	0.268516	1.787469	1.637766	-0.5714	-3.52971	-3.18968	-2.47909	-4.45203	-7.26486	-8.656	-15.8948
2400	32	-15.439	-9.57801	-6.08569	-3.87596	-4.60384	-6.67087	-2.8305	-0.57492	-2.21954	-7.37231	-12.1927	-12.6227	-9.92594	-6.24519	-5.0725	-6.24938	-9.41573	-9.42519	-6.96983	-6.47305	-5.31937	-2.80072	-1.72946	-2.33605	-2.32789	-0.22673	1.492337	1.574643	-0.50774	-3.61518	-3.18278	-2.24376	-4.16809	-7.25413	-8.80384	-15.717
2400	34	-15.8701	-9.64936	-6.21864	-3.87716	-4.43461	-6.54961	-2.65319	-0.19461	-1.56086	-5.92839	-9.93378	-12.6454	-10.9798	-6.56259	-4.97919	-5.92496	-9.28499	-9.6767	-7.06676	-6.49297	-5.40604	-2.9564	-1.91133	-2.5718	-2.79971	-0.76017	1.151025	1.462389	-0.50122	-3.76872	-3.23402	-2.06383	-3.93483	-7.26928	-8.96694	-15.5076
2400	36	-16.2963	-9.71862	-6.36798	-3.91413	-4.31462	-6.48853	-2.55801	0.095257	-1.01087	-4.72371	-8.00411	-11.9114	-12.2052	-6.97253	-4.94562	-5.64217	-9.11679	-9.90566	-7.15871	-6.49715	-5.46123	-3.07821	-2.05011	-2.73817	-3.21708	-1.31973	0.768716	1.304707	-0.54927	-3.99195	-3.34352	-1.93879	-3.7521	-7.31028	-9.14357	-15.2728
2400	38	-16.7089	-9.78582	-6.53261	-3.98715	-4.24282	-6.48493	-2.54331	0.300297	-0.55725	-3.70434	-6.38164	-10.6932	-13.5725	-7.47989	-4.9734	-5.40383	-8.9205	-10.1047	-7.24485	-6.48779	-5.48666	-3.16452	-2.14155	-2.82489	-3.54687	-1.88744	0.352585	1.106016	-0.64869	-4.28629	-3.51171	-1.86846	-3.61996	-7.3772	-9.33196	-15.019
2400	40	-17.0968	-9.8512	-6.71106	-4.09644	-4.21842	-6.53544	-2.6074	0.425285	-0.19027	-2.83449	-5.01	-9.31063	-14.9494	-8.09055	-5.06433	-5.2119	-8.70571	-10.2667	-7.32437	-6.46731	-5.48521	-3.2154	-2.18404	-2.82826	-3.75909	-2.43841	-0.08783	0.871466	-0.79577	-4.65307	-3.73936	-1.85301	-3.53867	-7.47025	-9.53043	-14.7522
2400	42	-17.4468	-9.91518	-6.90154	-4.24221	-4.2408	-6.63619	-2.74866	0.474199	0.097845	-2.08928	-3.84018	-7.95168	-15.9885	-8.81117	-5.22047	-5.06769	-8.48137	-10.3848	-7.39646	-6.43826	-5.46069	-3.23259	-2.17882	-2.75184	-3.83486	-2.94113	-0.54034	0.606949	-0.98625	-5.09347	-4.02761	-1.89295	-3.50873	-7.58984	-9.73739	-14.4779
2400	44	-17.7441	-9.9784	-7.10189	-4.42455	-4.30953	-6.78295	-2.96565	0.450299	0.313374	-1.45078	-2.83496	-6.69276	-16.173	-9.64864	-5.44405	-4.97191	-8.25527	-10.4538	-7.46037	-6.40322	-5.41753	-3.21935	-2.12977	-2.60567	-3.77241	-3.36042	-0.99013	0.31907	-1.21534	-5.6084	-4.37803	-1.98907	-3.53086	-7.7366	-9.95141	-14.2008
2400	46	-17.9737	-10.0417	-7.30958	-4.6434	-4.42428	-6.9711	-3.2571	0.356202	0.461418	-0.90575	-1.96673	-5.55444	-15.3321	-10.6083	-5.73759	-4.92483	-8.03373	-10.4701	-7.51539	-6.36474	-5.36049	-3.18014	-2.04288	-2.40415	-3.58765	-3.66373	-1.42027	0.015065	-1.47765	-6.19819	-4.79273	-2.1425	-3.60607	-7.91144	-10.1713	-13.9249

Ant. Position：2.4G Ant.C_GAIN PHI



Ant. Position：2.4G Ant.C_GAIN THETA



Ant. Position：2.4G Ant.D_GAIN PHI

Frequency	Phi\Theta	E(Phi) . Am	-170	-160	-150	-140	-130	-120	-110	-100	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
2400	0	-24.9148	-17.0789	-13.6238	-11.6966	-11.9771	-15.4398	-29.7552	-14.8422	-9.94542	-8.84473	-6.08829	-4.18449	-3.71224	-2.89559	-4.84138	-10.0657	-11.8635	-9.7097	-7.88348	-6.99052	-5.47898	-4.08677	-3.70557	-4.35882	-4.44216	-4.36662	-5.03702	-4.41793	-3.09874	-4.1983	-7.54969	-6.32511	-5.17638	-7.34146	-11.9215	-18.6679	-24.9148
2400	2	-24.3388	-16.6269	-13.1797	-11.1803	-11.539	-14.9981	-22.4241	-15.8879	-11.477	-10.2577	-6.66488	-4.2517	-3.60191	-2.93702	-4.89357	-10.2987	-12.5153	-9.9569	-7.93108	-6.93784	-5.43986	-4.19382	-3.93947	-4.54373	-4.52764	-4.40201	-4.63425	-3.66103	-2.66659	-4.07518	-7.64657	-6.44158	-5.17205	-7.46881	-12.543	-20.0395	-24.3388
2400	4	-23.3696	-16.244	-12.8315	-10.7521	-11.1582	-14.485	-18.4172	-15.9841	-13.1584	-11.9371	-7.24154	-4.28055	-3.48315	-3.01391	-4.98278	-10.5353	-13.2111	-10.1932	-7.97905	-6.89299	-5.41232	-4.31034	-4.17186	-4.71526	-4.62755	-4.44015	-4.23358	-3.01128	-2.29595	-3.94246	-7.61851	-6.53385	-5.18615	-7.61198	-13.2196	-21.7018	-23.3696
2400	6	-22.2311	-15.925	-12.5713	-10.4068	-10.8333	-13.9187	-15.679	-15.1002	-14.8672	-13.9415	-7.77884	-4.2653	-3.3578	-3.12714	-5.11046	-10.775	-13.9514	-10.4152	-8.02715	-6.85592	-5.39552	-4.43343	-4.39879	-4.87665	-4.74612	-4.47921	-3.84888	-2.46362	-1.99371	-3.80929	-7.47272	-6.60346	-5.21672	-7.76676	-13.9522	-23.7857	-22.2311
2400	8	-21.071	-15.6656	-12.3935	-10.1391	-10.5611	-13.3199	-13.622	-13.7355	-16.3069	-16.3405	-8.23414	-4.20563	-3.22891	-3.27724	-5.27827	-11.0188	-14.7354	-10.6194	-8.07514	-6.82657	-5.38868	-4.56043	-4.61709	-5.03192	-4.88646	-4.51823	-3.49234	-2.01376	-1.7637	-3.68081	-7.22381	-6.65167	-5.26148	-7.92887	-14.7399	-26.5317	-21.071
2400	10	-19.9612	-15.4616	-12.2939	-9.94419	-10.337	-12.7097	-11.9989	-12.3186	-17.0366	-19.1578	-8.57136	-4.10679	-3.10058	-3.46435	-5.48801	-11.2695	-15.5602	-10.8027	-8.12277	-6.80484	-5.39112	-4.68902	-4.82452	-5.1853	-5.05035	-4.55718	-3.17398	-1.65815	-1.60744	-3.55806	-6.89125	-6.67974	-5.31797	-8.09403	-15.579	-30.4059	-19.9612
2400	12	-18.9289	-15.3097	-12.2699	-9.81734	-10.1561	-12.1079	-10.6831	-11.0312	-16.8514	-22.0307	-8.77265	-3.97885	-2.97779	-3.68817	-5.74155	-11.5313	-16.4193	-10.9622	-8.16979	-6.79062	-5.40223	-4.81735	-5.01983	-5.34067	-5.23818	-4.59707	-2.9016	-1.39381	-1.52452	-3.4384	-6.49677	-6.68938	-5.38368	-8.25801	-16.4594	-35.6356	-18.9289
2400	14	-17.9797	-15.2071	-12.3197	-9.75411	-10.0127	-11.5312	-9.60141	-9.91879	-16.0384	-23.3795	-8.84522	-3.8352	-2.86623	-3.94793	-6.04077	-11.8102	-17.3	-11.0956	-8.21594	-6.78378	-5.42149	-4.94405	-5.20286	-5.50125	-5.44893	-4.6398	-2.68114	-1.21828	-1.51269	-3.3163	-6.06212	-6.68292	-5.45616	-8.41678	-17.36	-34.8314	-17.9797
2400	16	-17.11	-15.1512	-12.4425	-9.7501	-9.90152	-10.9933	-8.70836	-8.9778	-15.0063	-22.1503	-8.81833	-3.69091	-2.77215	-4.24245	-6.38745	-12.113	-18.1806	-11.2013	-8.26097	-6.78416	-5.44851	-5.06833	-5.3744	-5.66932	-5.68026	-4.68802	-2.51695	-1.12948	-1.56776	-3.1846	-5.60749	-6.66353	-5.53312	-8.56654	-18.2404	-29.625	-17.11
2400	18	-16.3134	-15.1401	-12.6382	-9.80079	-9.81705	-10.5047	-7.97402	-8.19102	-13.9852	-20.0636	-8.73273	-3.56121	-2.70214	-4.57014	-6.78319	-12.4475	-19.0257	-11.2786	-8.3046	-6.79157	-5.48297	-5.18998	-5.5361	-5.84619	-5.92856	-4.74494	-2.41226	-1.12563	-1.68321	-3.03591	-5.15063	-6.63511	-5.61252	-8.70387	-19.0327	-25.9105	-16.3134
2400	20	-15.5824	-15.1718	-12.9075	-9.90135	-9.75406	-10.073	-7.37801	-7.53986	-13.0525	-18.1953	-8.62934	-3.46049	-2.66305	-4.9292	-7.22923	-12.822	-19.7837	-11.3277	-8.34657	-6.8058	-5.52467	-5.30934	-5.69033	-6.03222	-6.18915	-4.81409	-2.36949	-1.20502	-1.84961	-2.86423	-4.70646	-6.60205	-5.69269	-8.82574	-19.6392	-23.2316	-15.5824
2400	22	-14.91	-15.2449	-13.2514	-10.0464	-9.70761	-9.70313	-6.90611	-7.00801	-12.217	-16.6747	-8.5421	-3.40172	-2.6618	-5.31775	-7.72633	-13.2447	-20.3892	-11.3496	-8.38663	-6.8266	-5.57349	-5.42724	-5.83995	-6.22692	-6.45652	-4.89914	-2.39056	-1.36575	-2.05397	-2.66632	-4.28703	-6.56892	-5.77236	-8.92965	-19.9527	-21.1645	-14.91
2400	24	-14.2899	-15.358	-13.6713	-10.2297	-9.67313	-9.39803	-6.54829	-6.58221	-11.4655	-15.4278	-8.49563	-3.39632	-2.70527	-5.73408	-8.27453	-13.7242	-20.7764	-11.3463	-8.42451	-6.85369	-5.62938	-5.54497	-5.98817	-6.42915	-6.72462	-5.00373	-2.47711	-1.60534	-2.27923	-2.4426	-3.90172	-6.54003	-5.85071	-9.01356	-19.9042	-19.4909	-14.2899
2400	26	-13.7167	-15.5101	-14.1682	-10.4441	-9.64646	-9.15865	-6.29745	-6.25213	-10.7831	-14.374	-8.50584	-3.45419	-2.80019	-6.1769	-8.87282	-14.269	-20.9031	-11.3203	-8.45998	-6.88676	-5.69235	-5.66412	-6.13839	-6.63727	-6.98725	-5.13146	-2.63063	-1.92007	-2.50424	-2.19727	-3.55749	-6.51908	-5.9274	-9.07602	-19.5059	-18.09	-13.7167
2400	28	-13.1854	-15.7002	-14.7424	-10.6809	-9.62388	-8.98422	-6.14858	-6.01006	-10.1597	-13.4552	-8.5816	-3.58399	-2.95299	-6.64548	-9.51879	-14.8877	-20.7712	-11.2746	-8.49279	-6.92542	-5.76243	-5.78654	-6.29405	-6.84933	-7.2385	-5.28581	-2.8526	-2.30411	-2.70485	-1.9377	-3.25925	-6.50891	-6.00253	-9.11606	-18.8431	-16.889	-13.1854
2400	30	-12.6922	-15.9273	-15.3918	-10.9301	-9.60213	-8.87231	-6.09818	-5.85053	-9.59146	-12.6362	-8.72659	-3.79332	-3.16972	-7.13972	-10.2081	-15.5891	-20.4259	-11.2125	-8.52272	-6.96928	-5.83966	-5.91416	-6.4585	-7.0632	-7.47328	-5.47023	-3.14441	-2.74814	-2.85654	-1.67336	-3.01008	-6.51126	-6.07664	-9.13321	-18.0242	-15.8409	-12.6922
2400	32	-12.2333	-16.1907	-16.1098	-11.1799	-9.57837	-8.81878	-6.1439	-5.77003	-9.08029	-11.8989	-8.94073	-4.08901	-3.45581	-7.65989	-10.9336	-16.3826	-19.9343	-11.1377	-8.54956	-7.01787	-5.9241	-6.04894	-6.6349	-7.27665	-7.68774	-5.68821	-3.50727	-3.23761	-2.93857	-1.41455	-2.81155	-6.52677	-6.15065	-9.12748	-17.1392	-14.914	-12.2333
2400	34	-11.8058	-16.4895	-16.8806	-11.4174	-9.55018	-8.8177	-6.28415	-5.76672	-8.6317	-11.2373	-9.22128	-4.47724	-3.8158	-8.206	-11.6849	-17.2781	-19.3623	-11.0534	-8.57313	-7.07066	-6.01573	-6.19274	-6.82607	-7.48751	-7.8797	-5.94343	-3.94192	-3.75067	-2.93865	-1.17134	-2.66394	-6.55503	-6.22574	-9.09928	-16.2476	-14.0856	-11.8058
2400	36	-11.407	-16.823	-17.6729	-11.6286	-9.51554	-8.86128	-6.51782	-5.84025	-8.25325	-10.6528	-9.56371	-4.96366	-4.2529	-8.77657	-12.447	-18.2867	-18.7614	-10.963	-8.59324	-7.12706	-6.11448	-6.34719	-7.03442	-7.69365	-8.04892	-6.23982	-4.44807	-4.25655	-2.856	-0.95271	-2.56636	-6.59478	-6.30326	-9.0494	-15.3834	-13.3391	-11.407
2400	38	-11.0346	-17.1903	-18.4314	-11.7996	-9.47284	-8.93985	-6.84399	-5.99159	-7.95319	-10.1501	-9.96242	-5.55326	-4.76814	-9.36669	-13.1999	-19.4206	-18.1668	-10.8695	-8.60975	-7.18643	-6.2202	-6.51365	-7.2618	-7.89316	-8.19721	-6.58171	-5.02347	-4.71582	-2.7015	-0.76619	-2.51695	-6.64416	-6.38464	-8.97902	-14.5635	-12.662	-11.0346
2400	40	-10.6867	-17.5903	-19.071	-11.9183	-9.42091	-9.04206	-7.26156	-6.22297	-7.73969	-9.73525	-10.4113	-6.25	-5.35917	-9.96519	-13.9177	-20.6941	-17.6007	-10.7758	-8.62255	-7.24805	-6.3326	-6.6931	-7.50942	-8.08441	-8.32829	-6.97389	-5.66248	-5.08466	-2.49455	-0.6176	-2.51298	-6.70111	-6.4712	-8.88962	-13.7953	-12.0447	-10.6867
2400	42	-10.3616	-18.0218	-19.4863	-11.9755	-9.35898	-9.15539	-7.76882	-6.53777	-7.6206	-9.41421	-10.9045	-7.05607	-6.01828	-10.5512	-14.5703	-22.1238	-17.076	-10.6842	-8.63152	-7.31111	-6.45129	-6.88607	-7.77771	-8.26627	-8.44761	-7.42164	-6.35385	-5.32453	-2.25849	-0.51114	-2.55099	-6.76369	-6.56405	-8.78303	-13.0811	-11.4797	-10.3616
2400	44	-10.0576	-18.483	-19.5884	-11.9662	-9.28679	-9.267	-8.36281	-6.94062	-7.60352	-9.19236	-11.4371	-7.97032	-6.72958	-11.0908	-15.1248	-23.7295	-16.6	-10.5969	-8.63662	-7.37475	-6.57567	-7.09259	-8.0663	-8.43832	-8.56188	-7.9307	-7.07774	-5.41453	-2.01637	-0.44949	-2.62692	-6.83044	-6.66393	-8.66135	-12.4202	-10.9608	-10.0576
2400	46	-9.77352	-18.9719	-19.3543	-11.8906	-9.20451	-9.36499	-9.03849	-7.43743	-7.69605	-9.07447	-12.0052	-8.98567	-7.46566	-11.5373	-15.5508	-25.5362	-16.1764	-10.5158	-8.6378	-7.43804	-6.70499	-7.31212	-8.37391	-8.60099	-8.67864	-8.50723	-7.80252	-5.35968	-1.7882	-0.43396	-2.73625	-6.90062	-6.77111	-8.52697	-11.811	-10.4832	-9.77352

Ant. Position：2.4G Ant.D_GAIN THETA