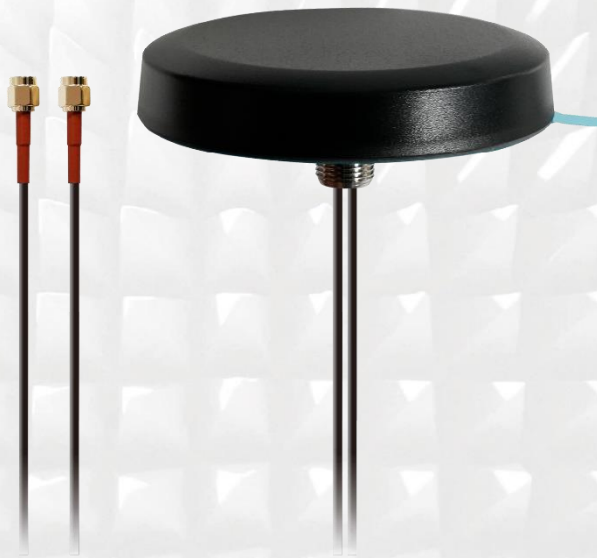




Antenna Datasheet

Product OC: YEMN208L1AM

Version: 1.0

Date: 2026-04-27

Status: Released

Product Name: 5G & Wi-Fi 2in1 Multiple Mount Combo External
Antenna

Key Features:

Frequency Band: 5G: 698–960 MHz, 1420–2690 MHz, 3300–6000 MHz
Wi-Fi: 2400–2500 MHz, 5150–5850 MHz, 5925–7125 MHz

Dimensions: Φ 81 mm $\times$ 15.5 mm

Efficiency: Up to 57.2 % (5G-FS)

RoHS & REACH Compliant

IP67

Overview

YEMN208L1AM is a 5G & Wi-Fi 2in1 combo antenna measuring Φ 81 mm $\times$ 15.5 mm. This ultra-wideband antenna supports 5G and Wi-Fi across 698–960 MHz, 1420–2690 MHz, 3300–6000 MHz, 2400–2500 MHz, 5150–5850 MHz, 5925–7125 MHz. It is backward compatible with 3G, 2G, LTE Cat-M, and NB-IoT. The antenna is available with connection via 2 cables lengths from 1000 mm, terminated with SMA Male connectors. Ideal for applications where the antenna is required to be discrete this low profile, adhesive and screw mount omni-directional antenna, is easy to install with maximum durability assured thanks to its IP67 rated enclosure. It is compatible with Quectel's 5G and Wi-Fi series modules.

YEMN208L1AM has 1 $\times$ 5G antennas and 1 $\times$ Wi-Fi antennas. It allows high efficiency, stable signal transmission and reception for Wi-Fi from 2400–2500 MHz, 5150–5850 MHz, 5925–7125 MHz and 5G bands from 600–960 MHz, 1420–2690 MHz, 3300–6000 MHz. In the meantime, this product also offers high isolation between antennas to avoid self-interference. All in all, this unique product is designed to provide stable and high-speed data connection to 5G & Wi-Fi applications.

- **Typical Applications Include:**

- ✓ HD Video Streaming over LTE
- ✓ IoT Applications
- ✓ Emergency Service System
- ✓ Warehouses & Logistic systems
- ✓ Mining Vehicles & Machinery communications, telemetry and automation

Quectel provides comprehensive antenna design support such as simulation, testing and manufacturing for custom antenna solutions to meet your specific application needs. We have regional R & D centers to offer quick response to meet your requirements. Please contact our sales & FAEs if you have any requests.

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1 Specification

Test Condition: On 300 mm × 300 mm Metal Plane & In Free Space

1.1. Electrical

Electrical Specifications			
Frequency Range	5G	698–960 MHz, 1420–2690 MHz, 3300–6000 MHz	
	Wi-Fi	2400–2500 MHz, 5150–5850 MHz, 5925–7125 MHz	
Radiation Pattern	5G	Omni-directional	
	Wi-Fi	Omni-directional	
Polarization	5G	Linear	
	Wi-Fi	Linear	
Impedance		50 Ω	
Isolation	5G-Wi-Fi	FS	≤ -12.3 dB
		MP	≤ -12.1 dB

- MP: On 300 mm × 300 mm Metal Plane
- FS: In Free Space

1.1.1. 5G

Electrical – Detail												
Band	Band	B71	B12 /B13 /B28	B5 /B8 /B26	n74 /n75 /n76	B1 /B2 /B3	B40	Wi-Fi 2G	B38 /B41	B42 /B48 /n77	n79	Wi-Fi 5G
	Freq. (MHz)	600– 700	700– 810	820– 960	1420– 1520	1700– 2170	2300– 2400	2400– 2500	2500– 2690	3300– 4200	4400– 5000	5150– 5850
Max. VSWR	FS	3.6	2.7	3.4	2.9	2.3	2.1	1.7	1.5	1.9	1.9	1.9
	MP	3.6	3.0	3.1	3.4	4.8	1.9	2.6	2.9	2.4	1.8	2.4
Max. Return Loss (dB)	FS	-4.9	-6.8	-5.3	-7.2	-8.2	-9.0	-11.4	-13.8	-10.3	-10.1	-10.1
	MP	-4.7	-6.1	-5.7	-5.2	-3.7	-8.8	-7.1	-6.3	-7.6	-10.8	-7.6
AVG Eff. (%)	FS	32.4	47.7	43.2	29.8	44.3	39.9	46.4	51.8	45.2	38.7	40.8
	MP	19.8	41.7	30.4	21.2	20.3	41.6	35.9	33.6	40.3	41.5	38.1
AVG. AVG Gain (dB)	FS	-4.9	-3.2	-3.7	-4.9	-3.6	-4.0	-3.3	-2.9	-3.5	-4.1	-3.9
	MP	-7.1	-3.9	-5.3	-6.8	-7.1	-3.8	-4.5	-4.7	-4.0	-3.8	-4.2
Max. Peak Gain (dBi)	FS	1.5 (620)	2.8 (790)	2.7 (920)	1.1 (1520)	2.9 (2030)	1.2 (2310)	3.0 (2430)	2.5 (2580)	2.7 (3500)	3.9 (4750)	3.6 (5280)
	MP	-0.1 (670)	2.0 (790)	0.6 (820)	-1.2 (1520)	2.4 (2160)	4.0 (2370)	4.5 (2450)	4.6 (2660)	5.4 (3300)	4.0 (4490)	4.2 (5290)
VSWR			FS			≤ 3.6						
			MP			≤ 4.8						
Return Loss			FS			≤ -4.9 dB						
			MP			≤ -3.7 dB						
Gain			FS			≤ 3.9 dBi						
			MP			≤ 5.4 dBi						

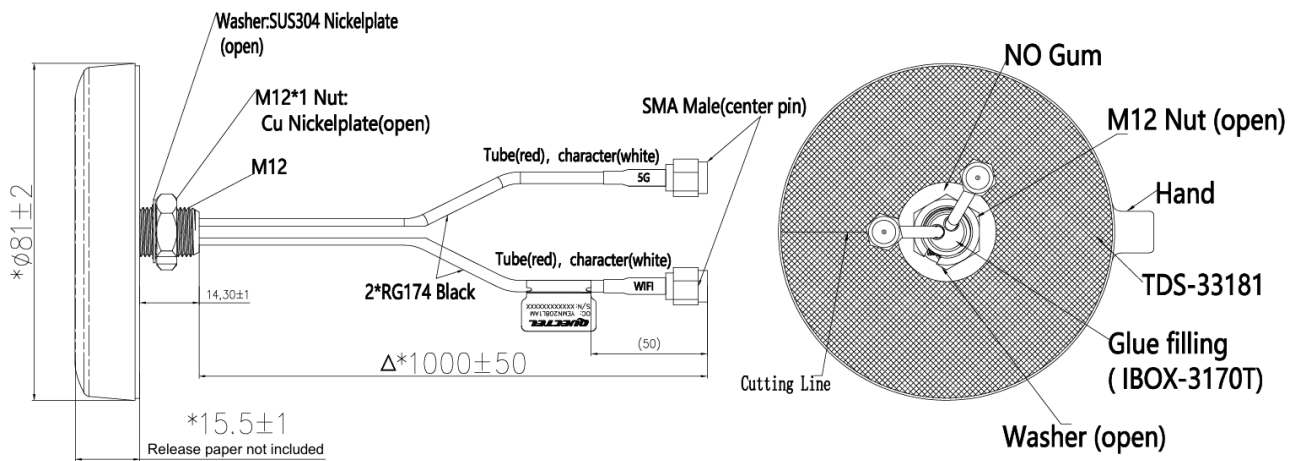
1.1.2. Wi-Fi

Electrical – Detail				
Band Specification	Band	Wi-Fi 2G	Wi-Fi 5G	Wi-Fi 6G
	Freq. (MHz)	2400–2500	5150–5850	5925–7125
Max. VSWR	FS	2.1	2.1	1.9
	MP	3.1	2.1	2.2
Max. Return Loss (dB)	FS	-8.9	-9.0	-9.2
	MP	-5.8	-9.0	-8.7
AVG Eff. (%)	FS	46.4	37.3	34.1
	MP	29.5	39.0	36.1
AVG. AVG Gain (dB)	FS	-3.3	-4.3	-4.7
	MP	-5.3	-4.1	-4.5
Max. Peak Gain (dBi)	FS	3.2 (2450)	4.2 (5810)	3.3 (6175)
	MP	2.5 (2450)	2.4 (5600)	3.7 (6115)
VSWR	FS	≤ 2.1		
	MP	≤ 3.1		
Return Loss	FS	≤ - 8.9 dB		
	MP	≤ - 5.8 dB		
Peak Gain	FS	≤ 4.2 dBi		
	MP	≤ 3.7 dBi		

1.2. Mechanical & Environmental

Mechanical		
Antenna Dimensions		Φ 81 mm × 15.5 mm
Antenna Material & Color		ABS & Black
Cable Type & Color & Length	5G	RG174 & Black & 1000 mm
	Wi-Fi	RG174 & Black & 1000 mm
Connector Type		SMA Male
Mounting Type		Adhesive & Screw
Weight		Typ. 80.2 g
Environmental		
Operation Temperature		-20 °C to +70 °C
Storage Temperature		-20 °C to +70 °C
Ingress Protection (IP) Rating		IP67
RoHS & REACH Compliant		Yes

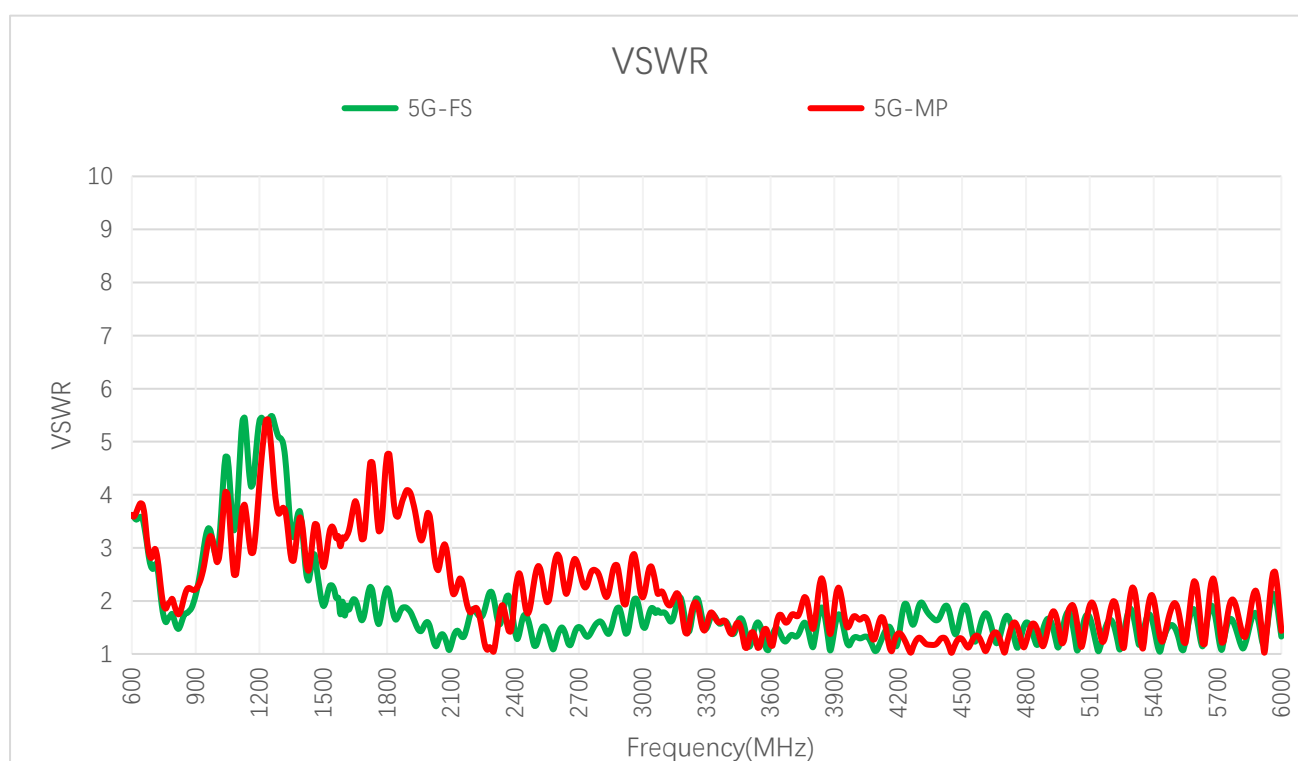
2 Drawing



3 Detailed Performance

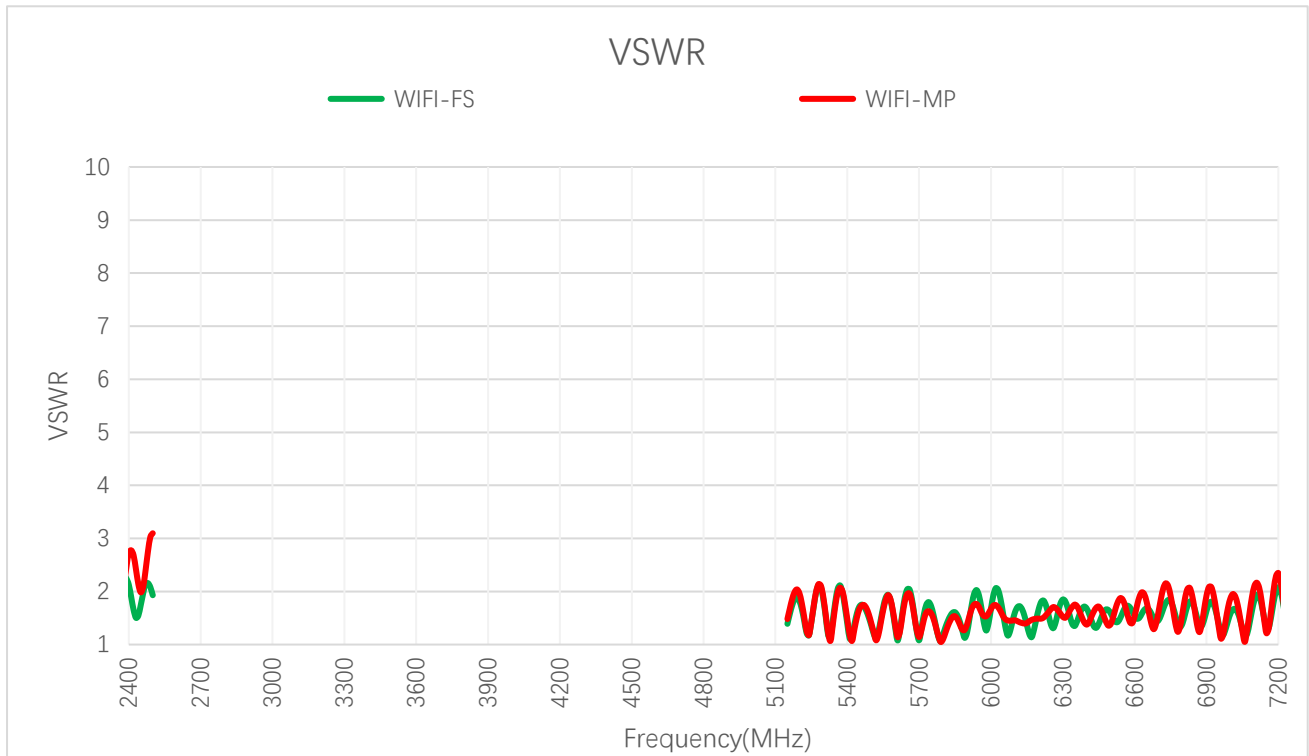
3.1. S-Parameter Test

3.1.1. VSWR



VSWR – 5G

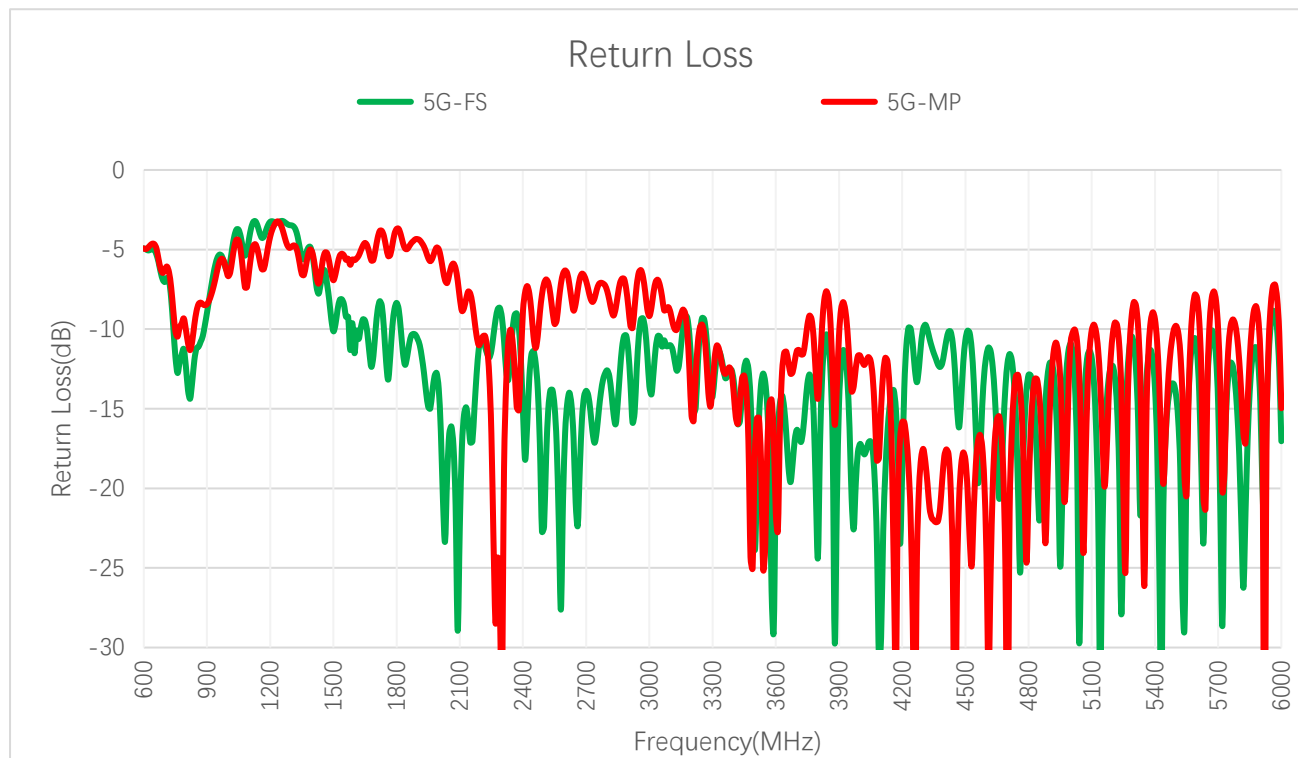
Frequency (MHz)		600	630	710	830	900	960	1440	1710	1740	1880
VSWR	FS	3.6	3.5	2.7	1.5	2.1	3.4	2.6	2.1	1.9	1.8
	MP	3.6	3.7	3.0	1.8	2.2	3.1	2.8	4.1	4.2	4.0
Frequency (MHz)		1950	2140	2350	2450	2600	2690	4700	5000	5500	6000
VSWR	FS	1.4	1.4	1.9	1.7	1.3	1.5	1.6	1.8	1.5	1.3
	MP	3.2	2.4	1.8	1.8	2.8	2.7	1.0	1.8	1.9	1.4



VSWR – Wi-Fi

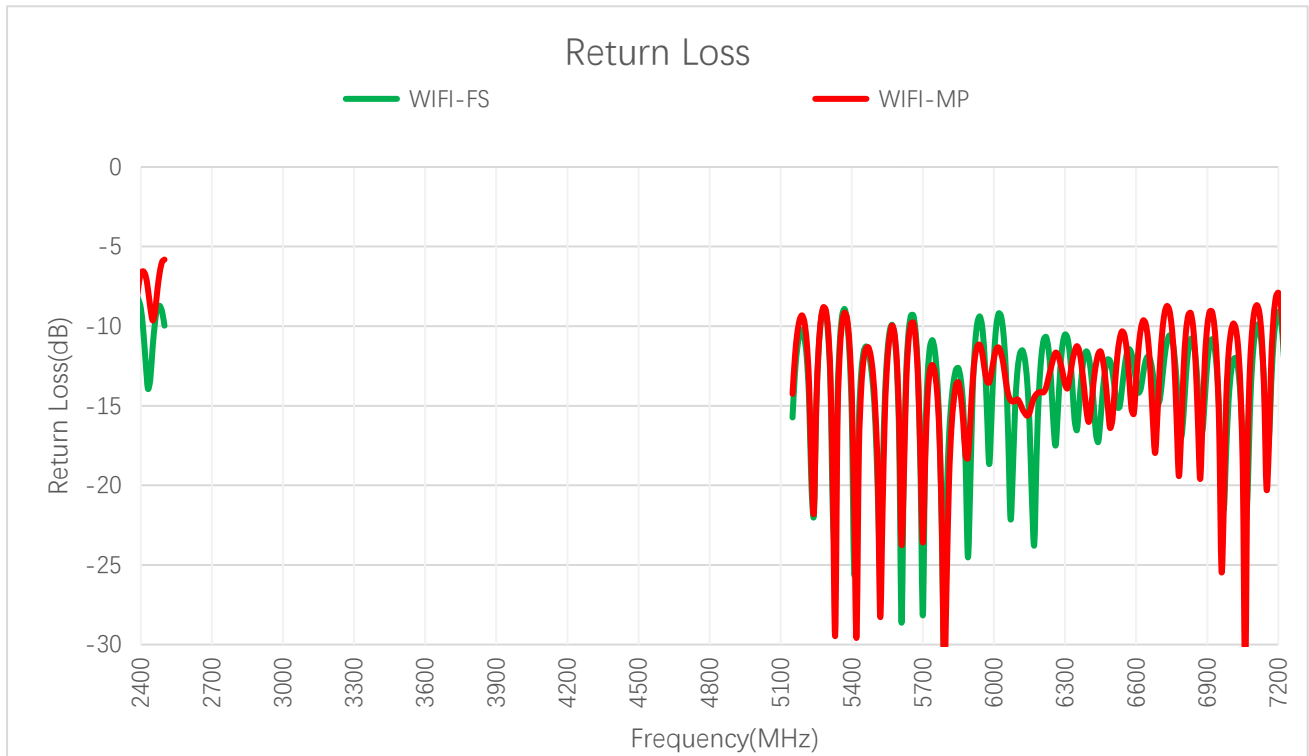
Frequency (MHz)		2400	2450	2500	5150	5500	5850	5925	6325	6725	7125
VSWR	FS	2.1	1.7	1.9	1.4	1.4	1.6	1.8	1.5	1.7	1.7
	MP	2.7	2.0	3.1	1.5	1.4	1.5	1.7	1.6	2.0	1.8

3.1.2. Return Loss



Return Loss (dB) – 5G

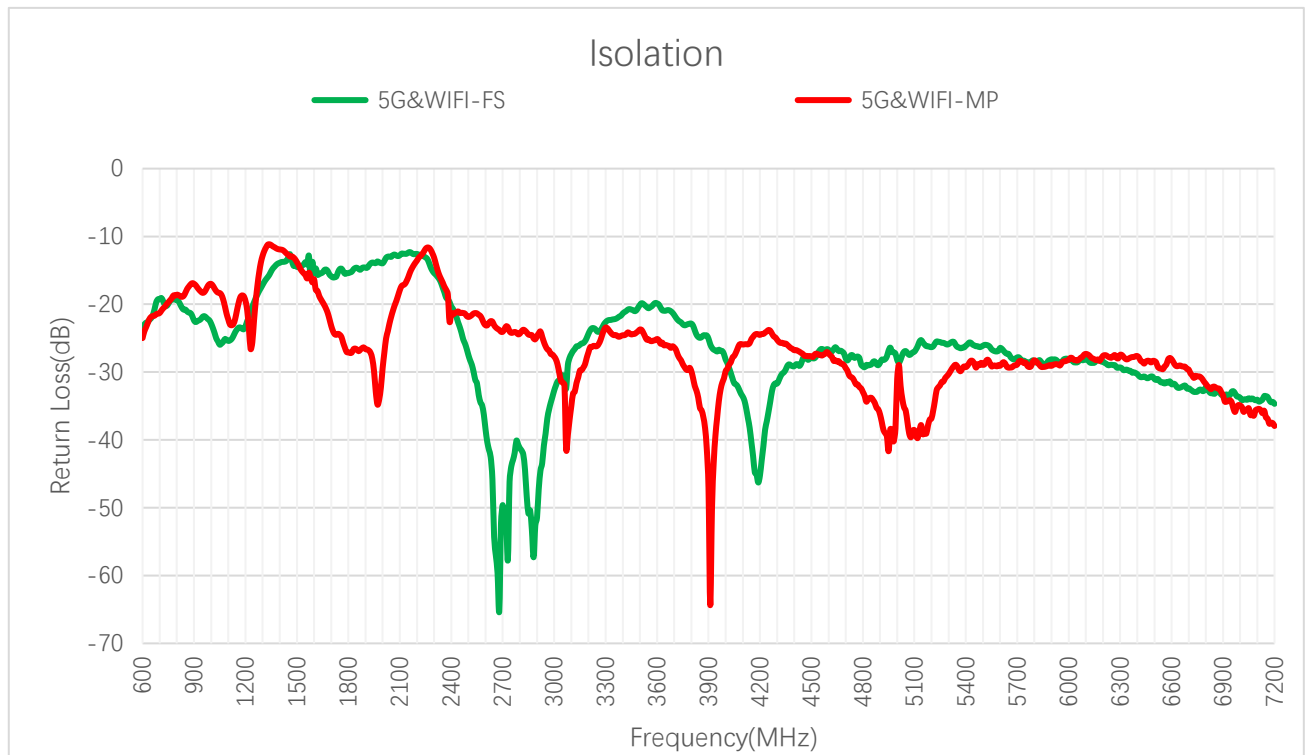
Frequency (MHz)		600	630	710	830	900	960	1440	1710	1740	1880
Return Loss (dB)	FS	-4.9	-5.0	-6.8	-13.3	-9.0	-5.3	-7.1	-8.8	-10.0	-10.3
	MP	-4.9	-4.7	-6.1	-10.8	-8.4	-5.7	-6.5	-4.3	-4.2	-4.5
Frequency (MHz)		1950	2140	2350	2450	2600	2690	4700	5000	5500	6000
Return Loss (dB)	FS	-14.9	-15.8	-10.1	-11.4	-16.5	-14.2	-12.1	-10.9	-14.1	-17.0
	MP	-5.5	-7.6	-10.7	-10.5	-6.3	-6.6	-37.6	-10.8	-9.8	-15.0



Return Loss (dB) – Wi-Fi

Frequency (MHz)		2400	2450	2500	5150	5500	5850	5925	6325	6725	7125
Wi-Fi	FS	-8.9	-11.3	-10.0	-15.7	-16.3	-12.6	-11.2	-13.6	-11.9	-11.3
	MP	-6.7	-9.6	-5.8	-14.3	-15.4	-13.5	-11.9	-12.3	-9.2	-10.7

3.1.3. Isolation

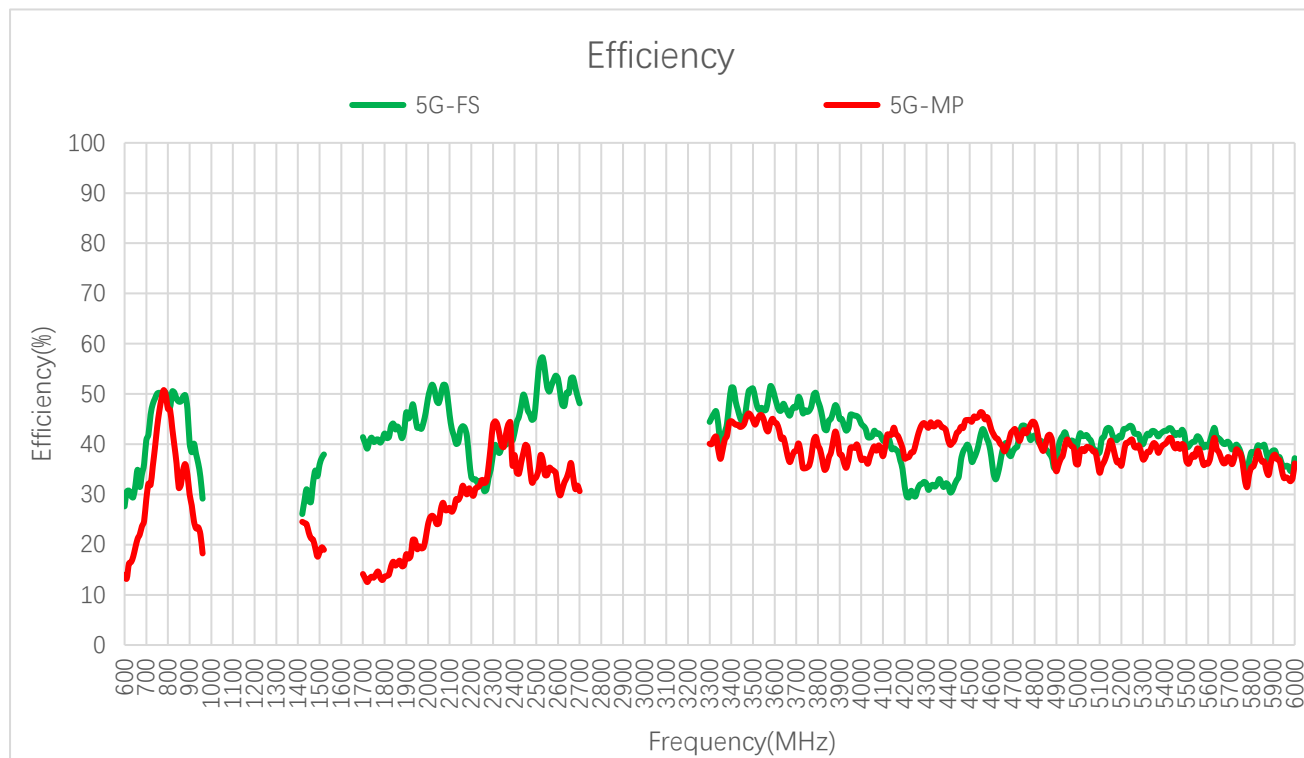


Max Isolation (dB)

Band	B71	B12/ B13/ B28	B5/ B8/ B26	n74/ n75/ n76	B1/ B2/ B3	B40	Wi-Fi 2G	B38/ B41	Wi-Fi 5G	Wi-Fi 6G
Freq. (MHz)	600– 700	700– 810	820– 960	1420– 1520	1700– 2170	2300– 2400	2400– 2500	2500– 2690	5150– 5850	5925– 7125
5G & Wi-Fi	FS	-19.3	-19.1	-20.0	-12.6	-12.3	-15.4	-20.3	-27.5	-25.5
	MP	-21.3	-18.6	-16.9	-12.1	-14.7	-13.1	-21.1	-21.3	-27.3

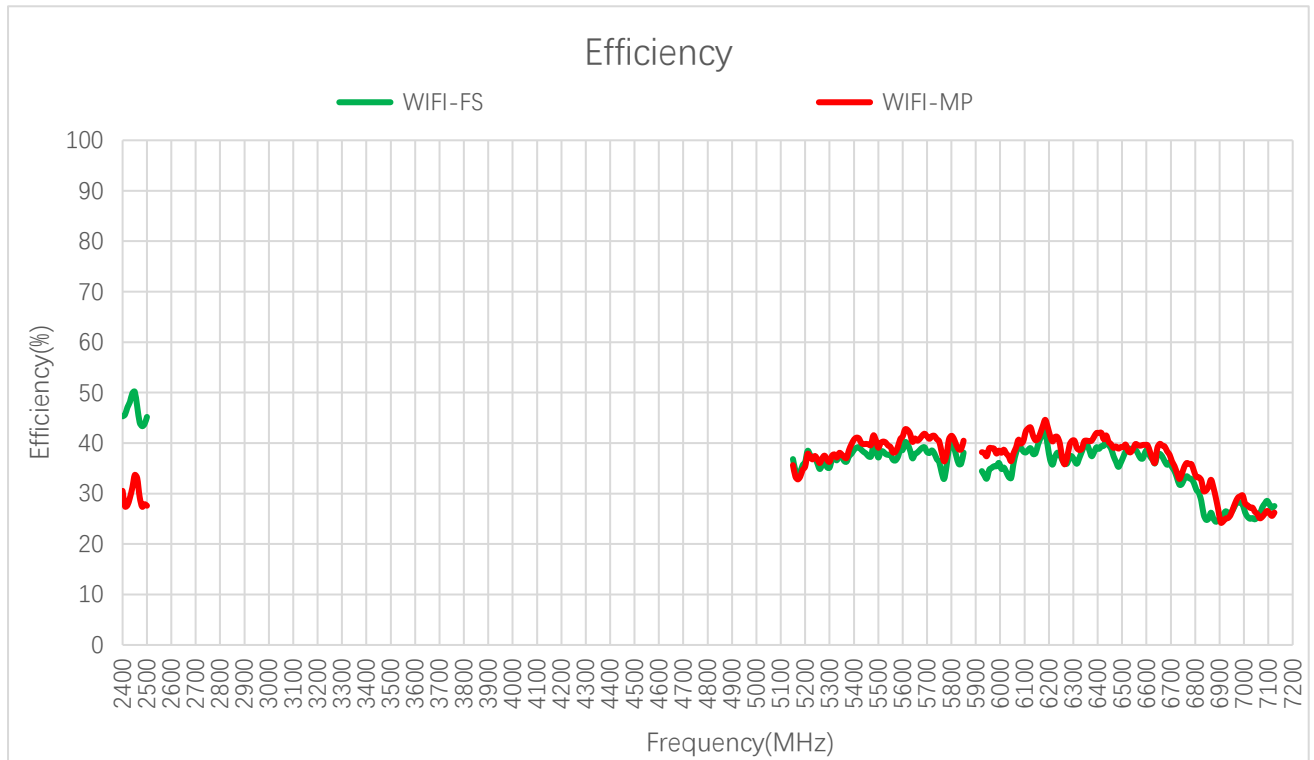
3.2. Radiation Performance Test

3.2.1. Efficiency



Efficiency (%) – 5G

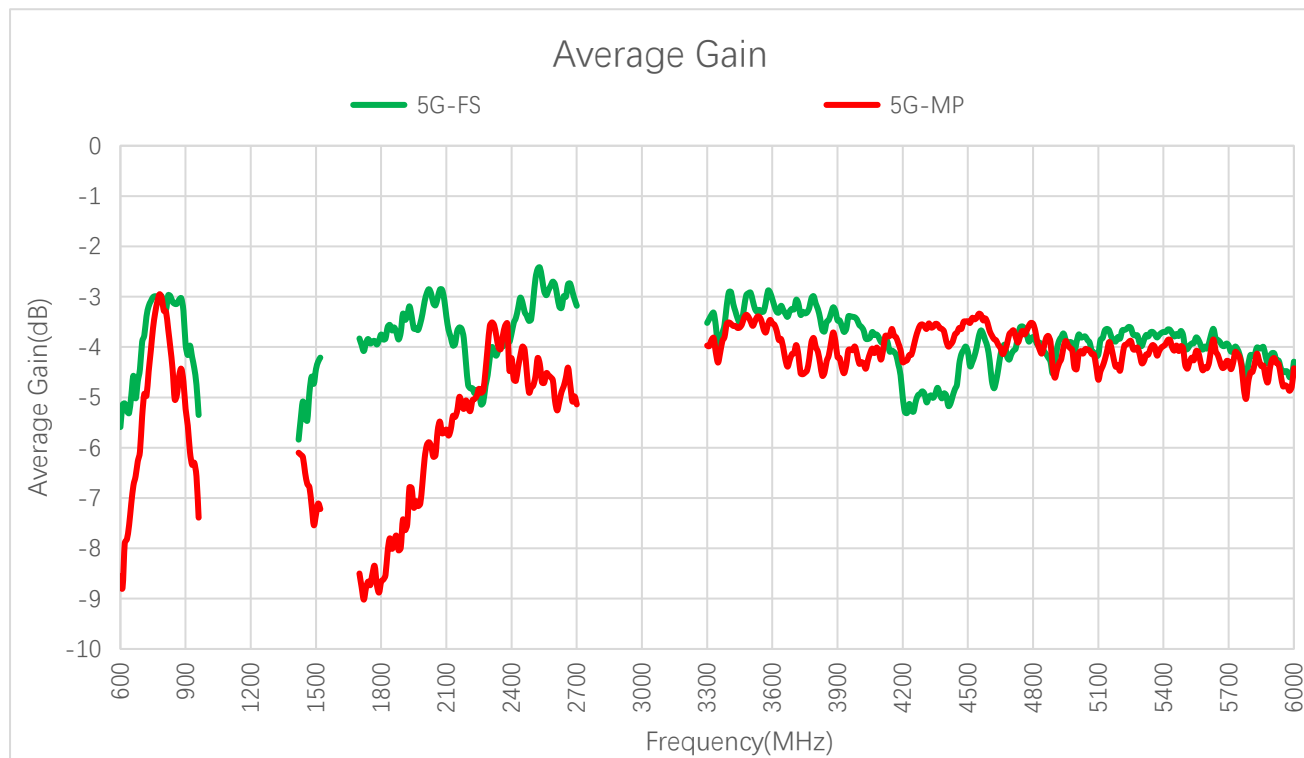
Frequency (MHz)		600	630	710	830	900	960	1440	1710	1740	1880
Efficiency (%)	FS	27.6	29.7	41.9	50.2	40.2	29.1	31.0	40.2	41.3	41.2
	MP	14.0	16.5	32.1	39.7	30.0	18.2	24.0	13.3	13.6	15.7
Frequency (MHz)		1950	2140	2350	2450	2600	2690	4700	5000	5500	6000
Efficiency (%)	FS	43.3	40.4	40.3	48.9	53.0	49.6	38.6	40.7	39.4	37.2
	MP	19.1	28.9	39.5	39.9	31.2	31.8	42.7	36.0	36.7	36.2



Efficiency (%) – Wi-Fi

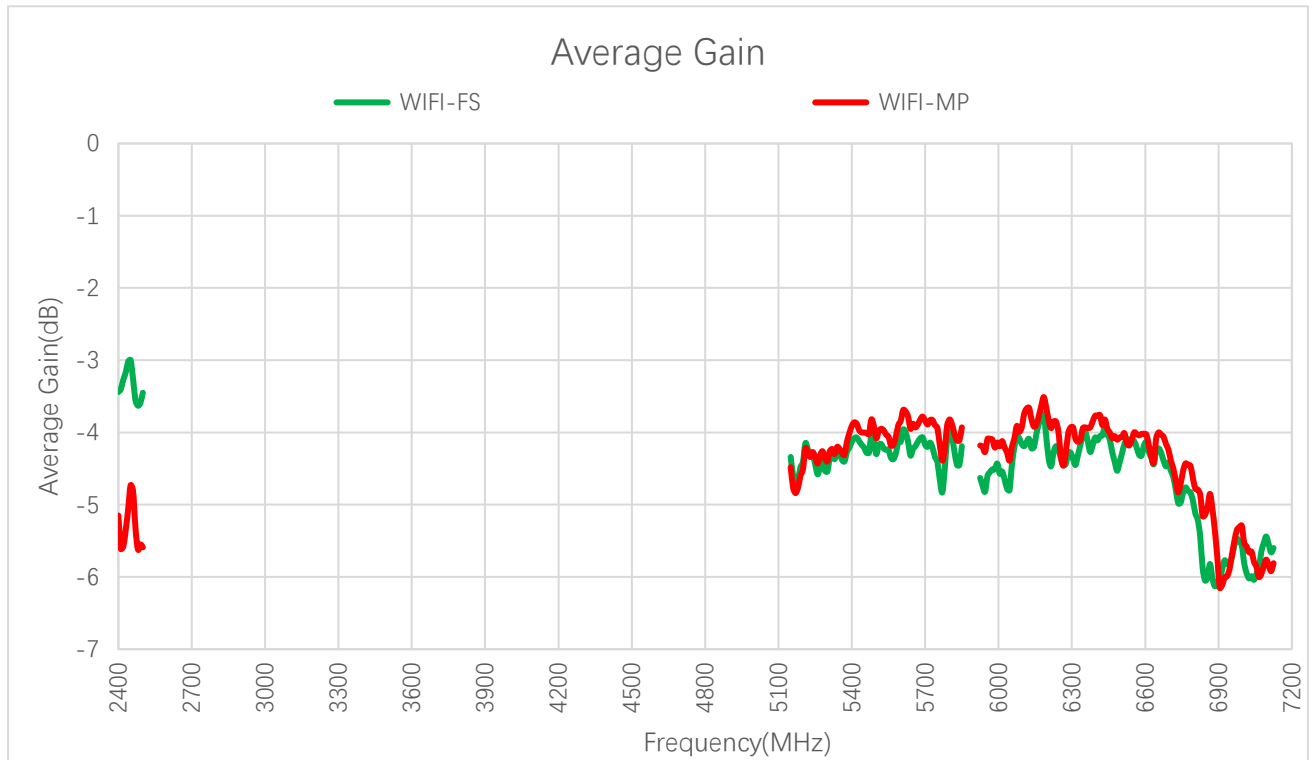
Frequency (MHz)		2400	2450	2500	5150	5500	5850	5925	6325	6725	7125
Efficiency (%)	FS	45.3	50.2	45.2	36.8	37.1	38.1	34.5	37.1	33.2	27.5
	MP	30.5	33.7	27.8	35.6	39.1	40.5	38.2	38.6	34.1	26.2

3.2.2. Average Gain



Average Gain (dB) – 5G

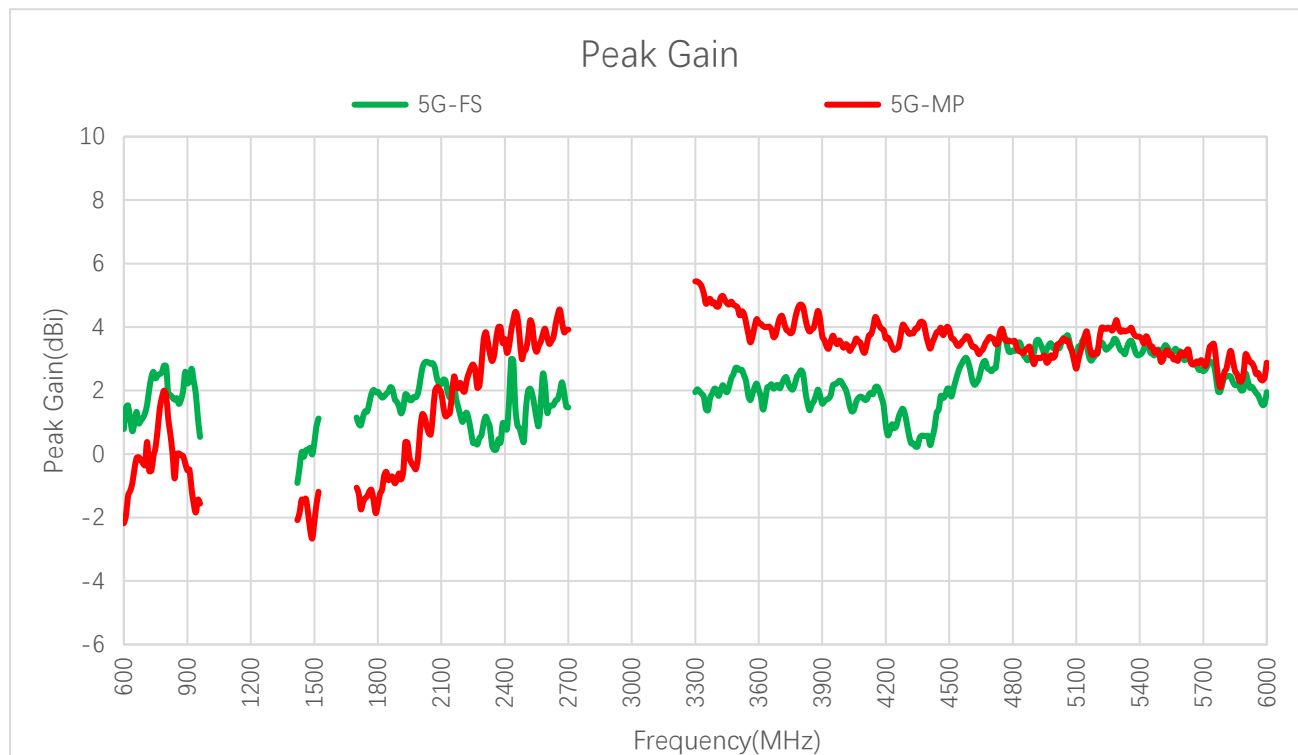
Frequency (MHz)		600	630	710	830	900	960	1440	1710	1740	1880
Average Gain (dB)	FS	-5.6	-5.3	-3.8	-3.0	-4.0	-5.4	-5.1	-4.0	-3.8	-3.8
	MP	-8.5	-7.8	-4.9	-4.0	-5.2	-7.4	-6.2	-8.7	-8.7	-8.0
Frequency (MHz)		1950	2140	2350	2450	2600	2690	4700	5000	5500	6000
Average Gain (dB)	FS	-3.6	-3.9	-4.0	-3.1	-2.8	-3.1	-4.1	-3.9	-4.0	-4.3
	MP	-7.2	-5.4	-4.0	-4.0	-5.1	-5.0	-3.7	-4.4	-4.4	-4.4



Average Gain (dB) – Wi-Fi

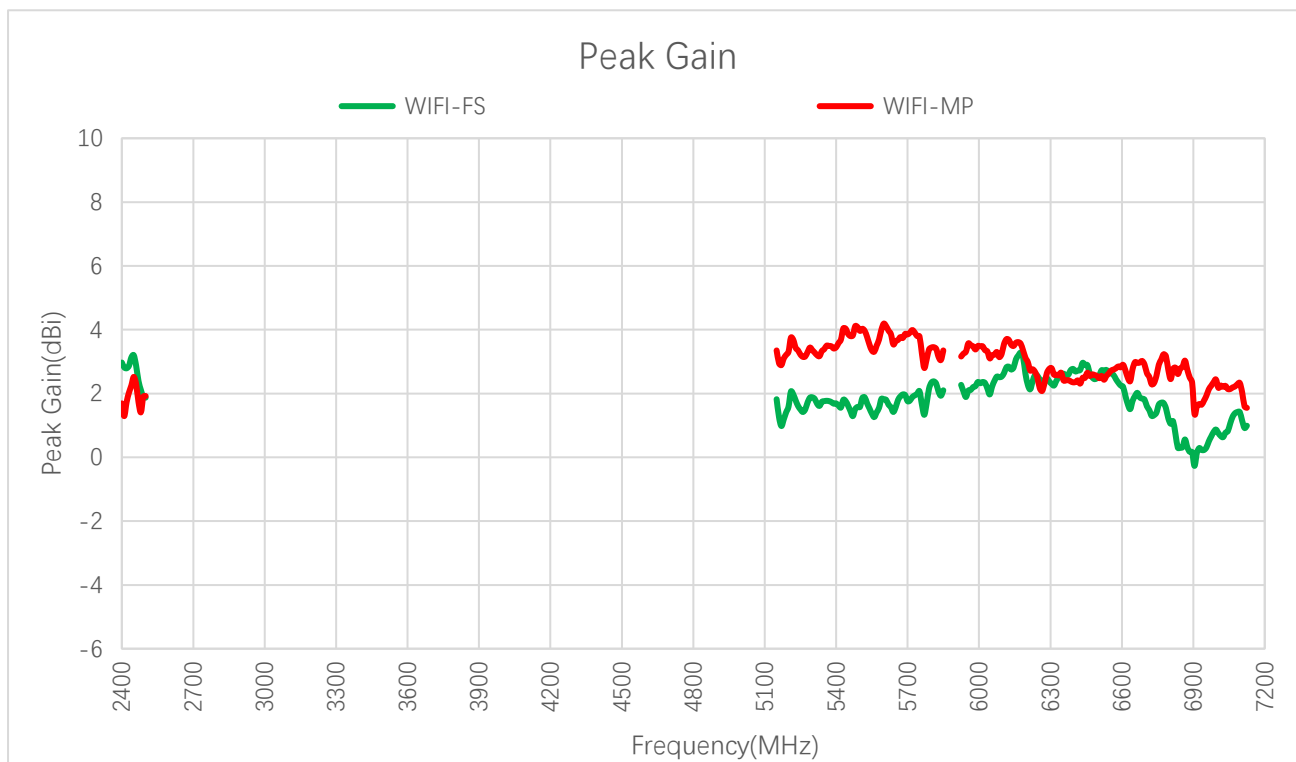
Frequency (MHz)		2400	2450	2500	5150	5500	5850	5925	6325	6725	7125
Average Gain (dB)	FS	-3.4	-3	-3.5	-4.3	-4.3	-4.2	-4.6	-4.3	-4.8	-5.6
	MP	-5.1	-4.7	-5.6	-4.5	-4.1	-3.9	-4.2	-4.1	-4.7	-5.8

3.2.3. Peak Gain



Peak Gain (dBi) – 5G

Frequency (MHz)		600	630	710	830	900	960	1440	1710	1740	1880
Peak Gain (dBi)	FS	0.8	1.1	1.6	1.8	2.2	0.5	0	1.0	1.4	1.7
	MP	-2.2	-1.2	0.4	0	-0.5	-1.6	-1.4	-1.3	-1.4	-0.9
Frequency (MHz)		1950	2140	2350	2450	2600	2690	4700	5000	5500	6000
Peak Gain (dBi)	FS	1.7	1.8	0.1	1.5	1.3	1.5	2.6	3.4	3.1	2.0
	MP	-0.1	1.3	3.1	4.5	3.7	3.9	3.7	3.1	2.9	2.9



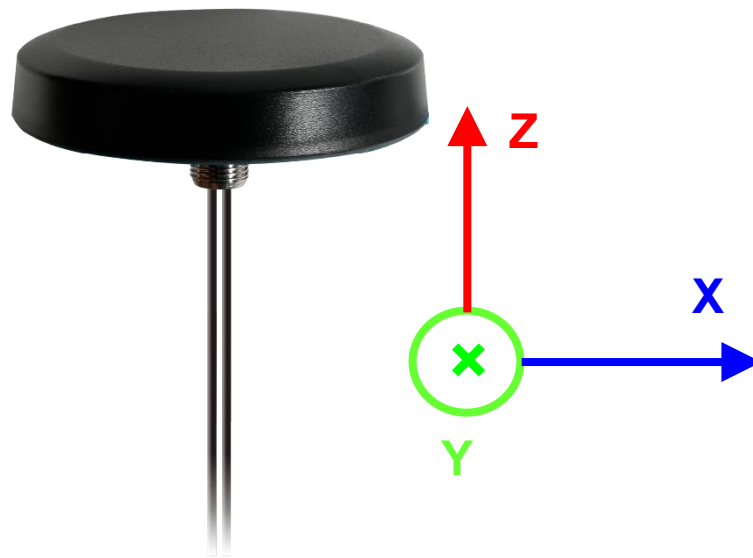
Peak Gain (dBi) – Wi-Fi

Frequency (MHz)		2400	2450	2500	5150	5500	5850	5925	6325	6725	7125
Peak Gain (dBi)	FS	3.0	3.2	1.9	1.8	1.6	2.1	2.3	2.4	1.3	1.0
	MP	1.7	2.5	1.9	3.4	4.0	3.4	3.2	2.6	2.3	1.6

3.2.4. 3D & 2D Radiation Pattern

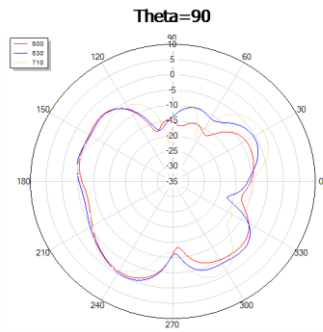
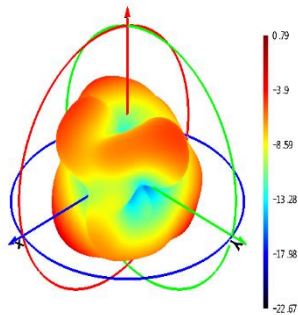
3.2.4.1. Test Condition: In Free Space

- Test Chamber: HF-S-1

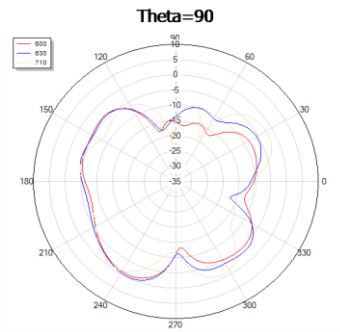
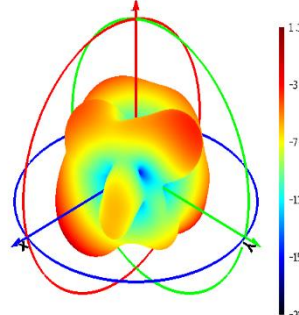


● **5G**

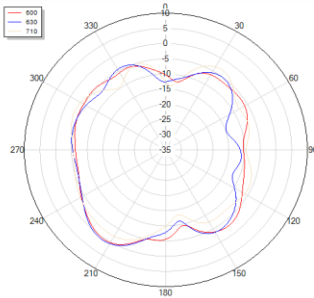
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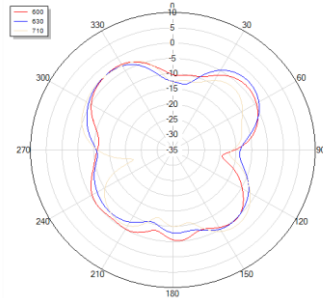
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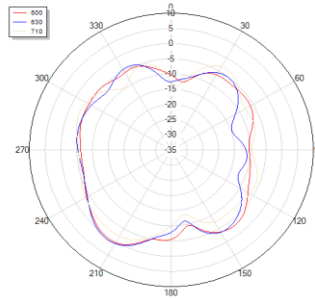
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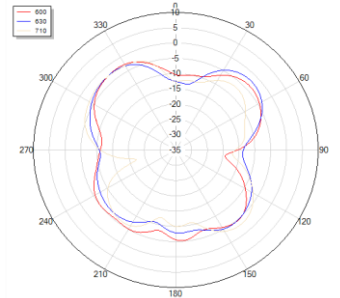
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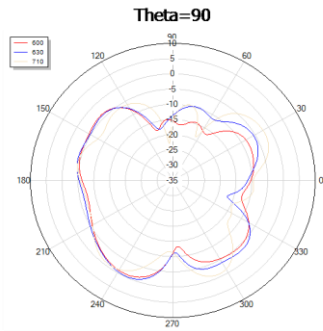
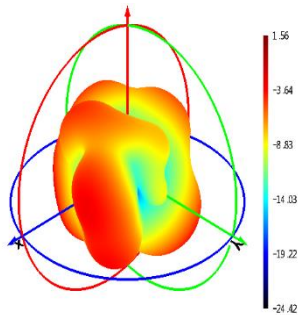
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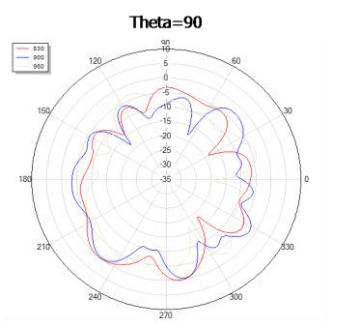
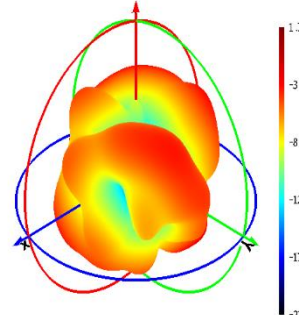
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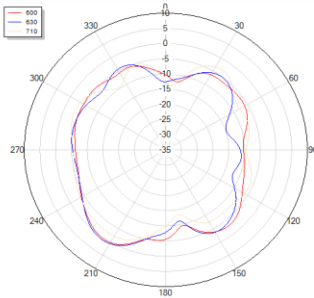
710 MHz



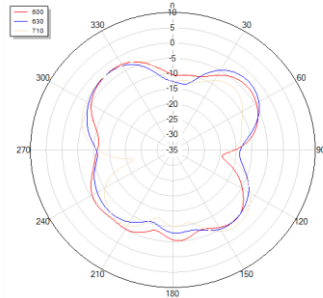
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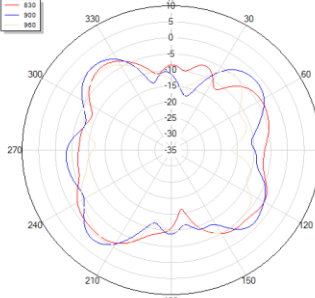
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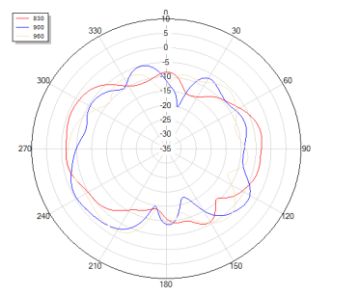
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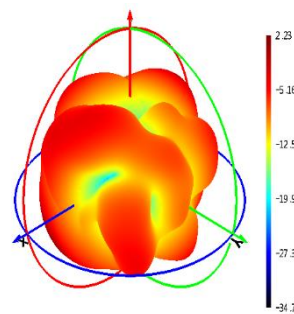
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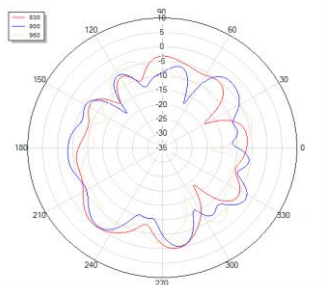
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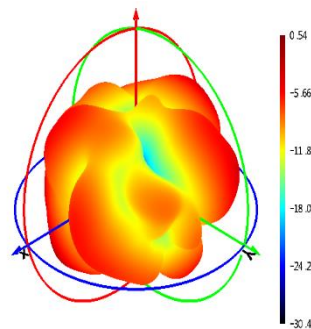
900 MHz



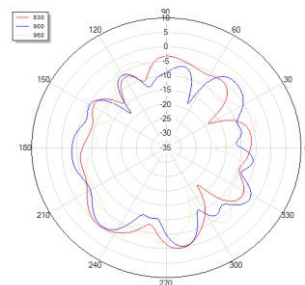
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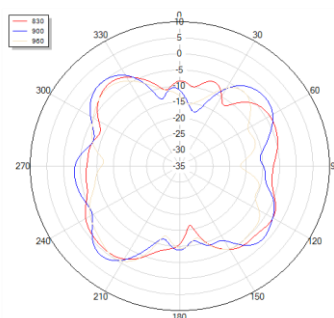
960 MHz



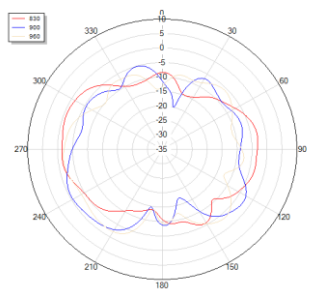
Theta=90



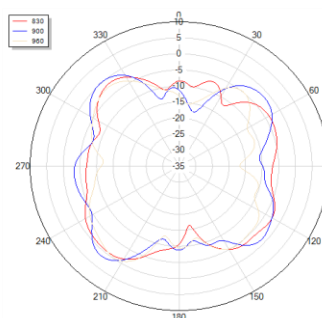
Phi=0



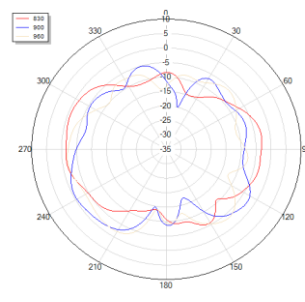
Phi=90



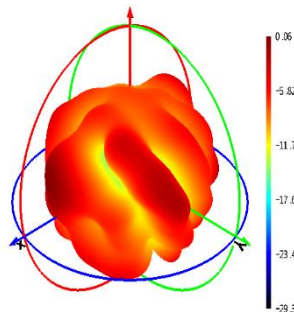
Phi=0



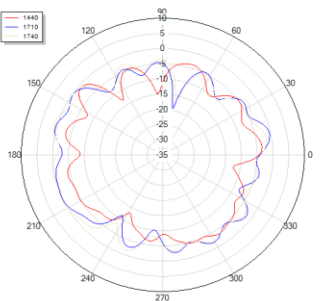
Phi=90



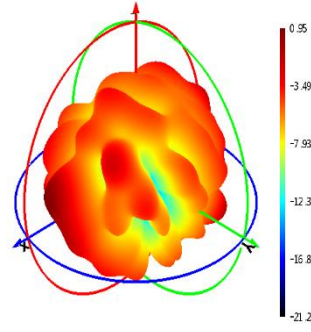
1440 MHz



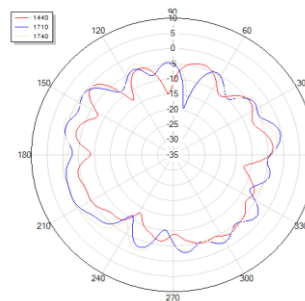
Theta=90



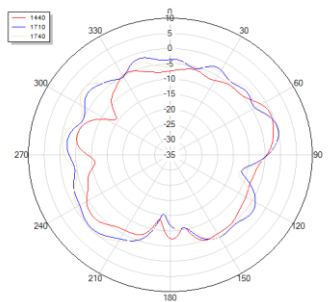
1710 MHz



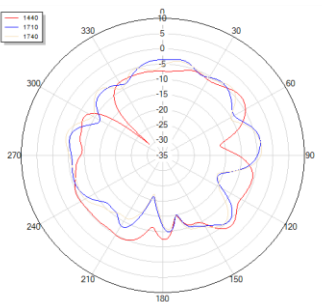
Theta=90



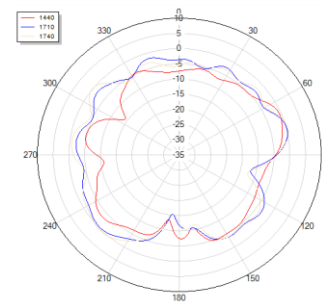
Phi=0



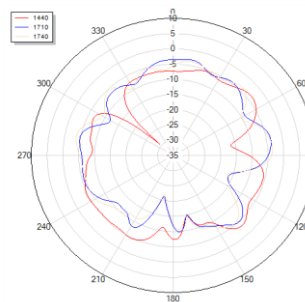
Phi=90



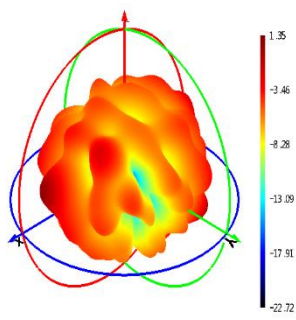
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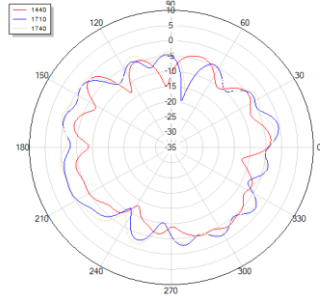
Phi=90



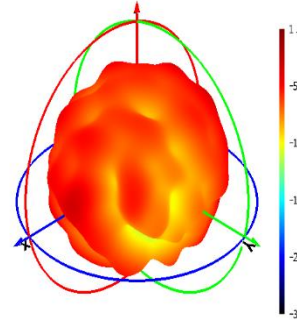
1740 MHz



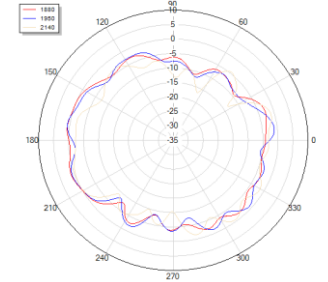
Theta=90



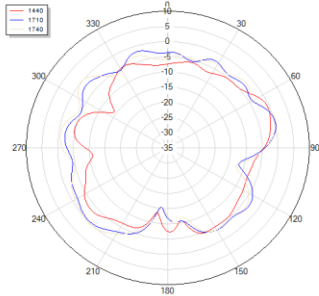
1880 MHz



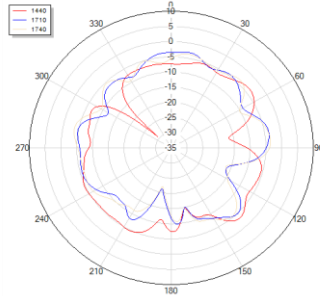
Theta=90



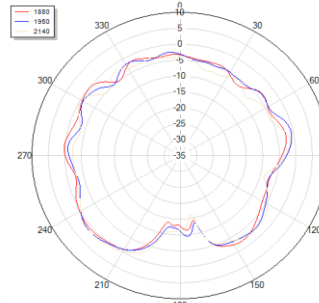
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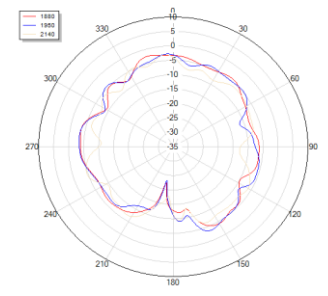
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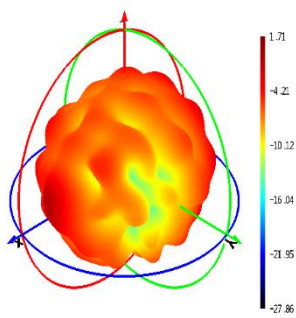
Phi=0



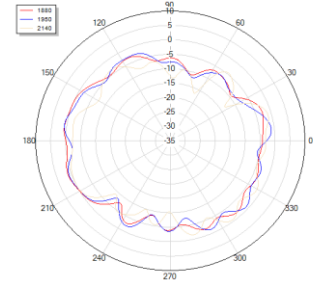
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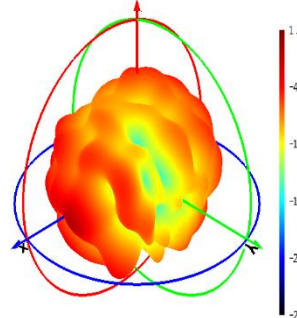
1950 MHz



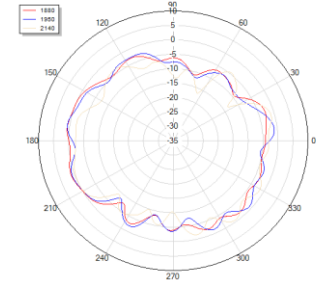
Theta=90



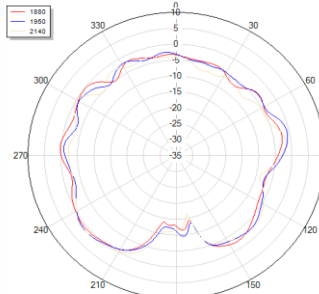
2140 MHz



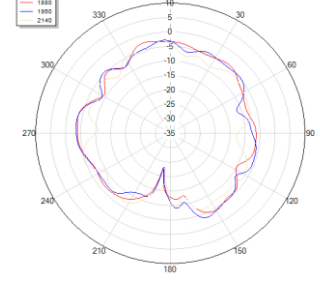
Theta=90



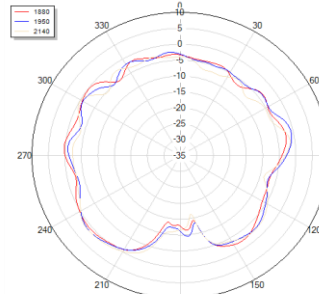
Phi=0



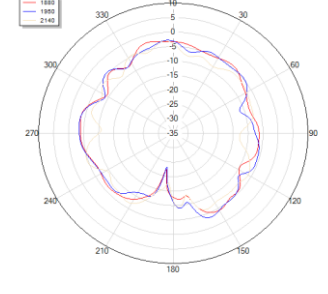
Phi=90



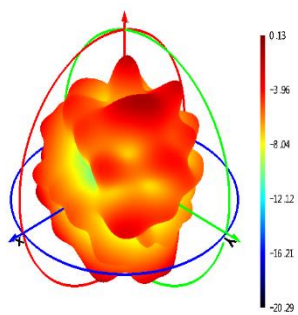
Phi=0



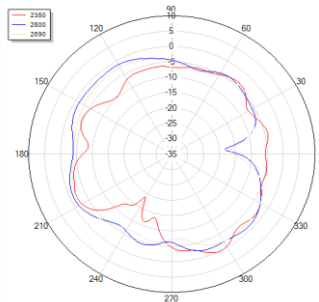
Phi=90



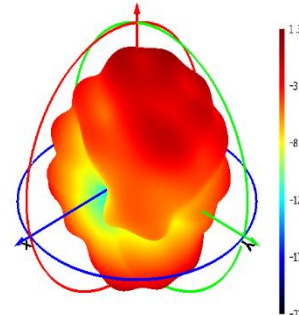
2350 MHz



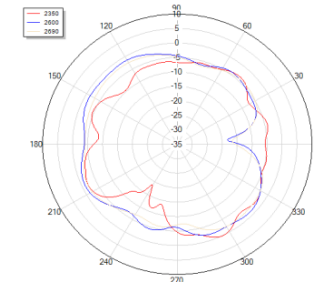
Theta=90



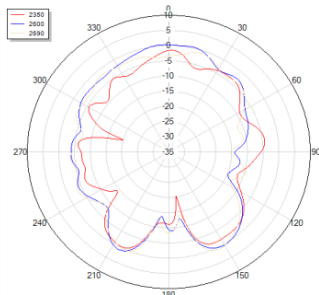
2450 MHz



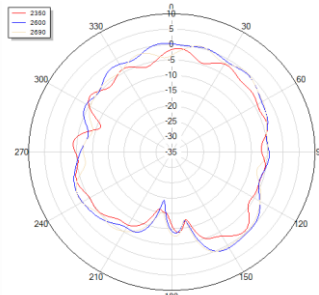
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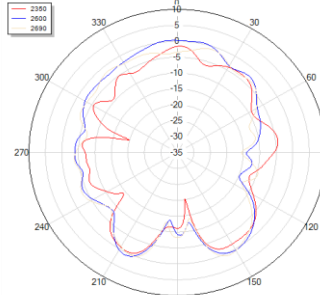
Phi=0



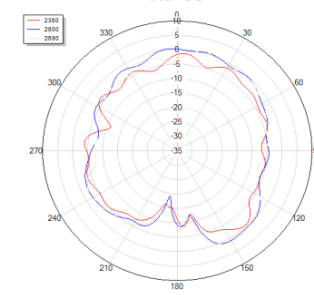
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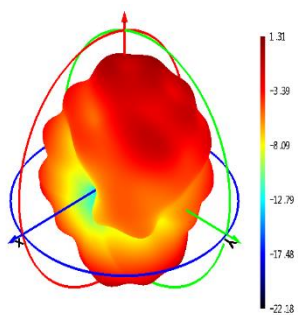
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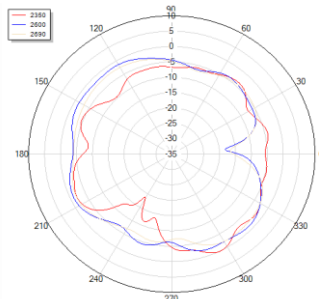
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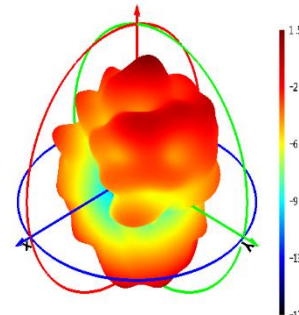
2600 MHz



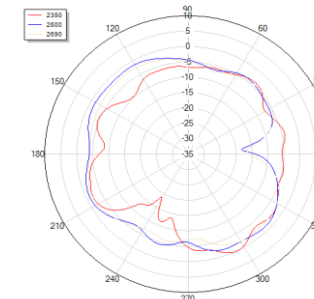
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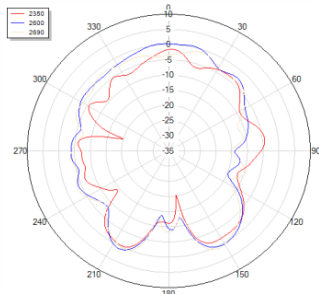
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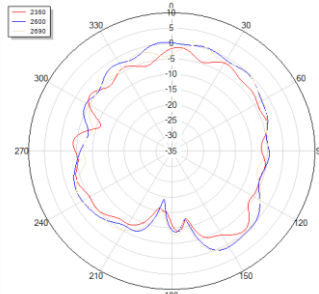
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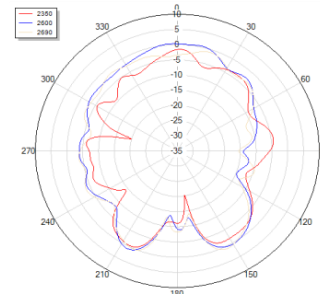
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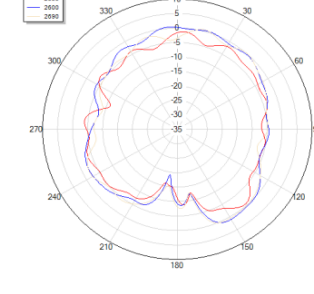
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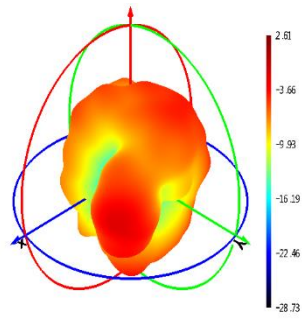
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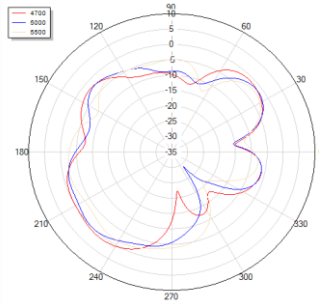
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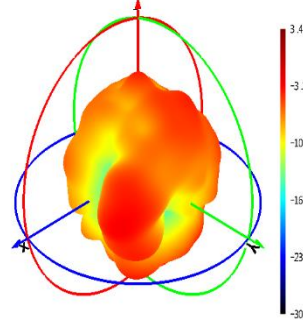
4700 MHz



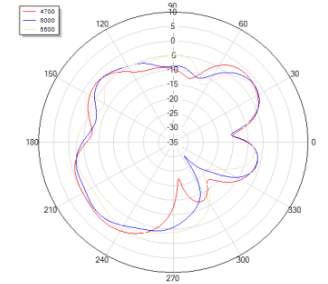
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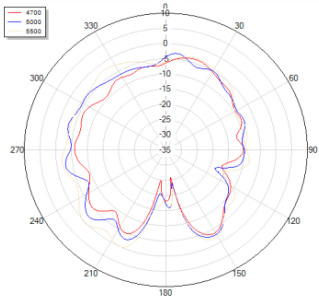
5000 MHz



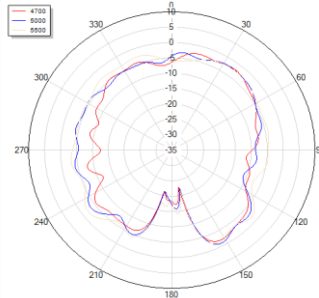
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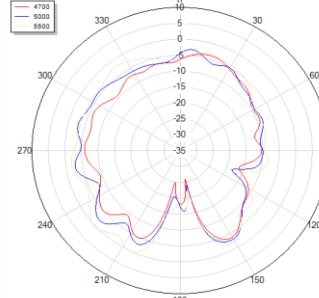
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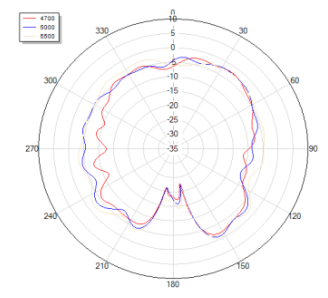
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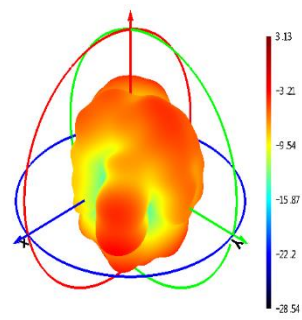
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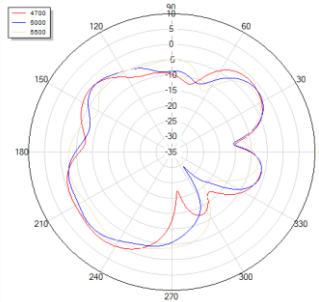
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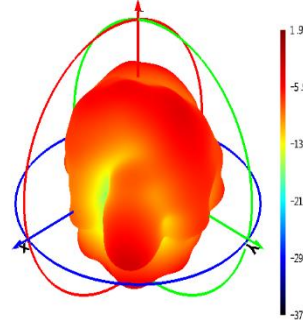
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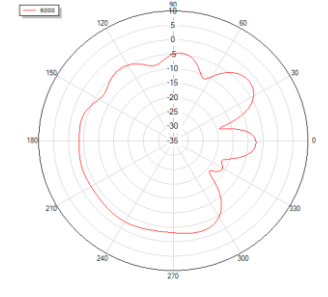
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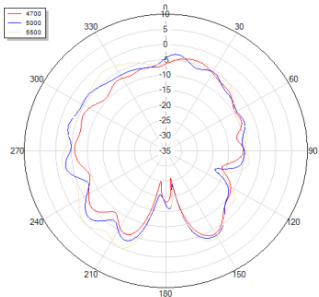
6000 MHz



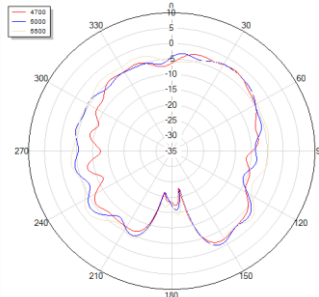
Theta=90 freq=6000MHz



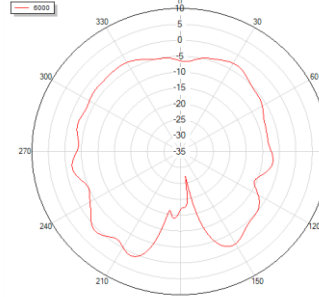
Phi=0



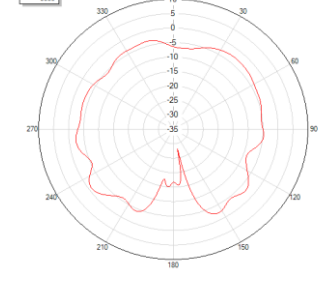
Phi=90



Phi=0 freq=6000MHz

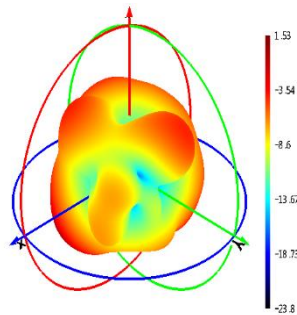


Phi=90 freq=6000MHz

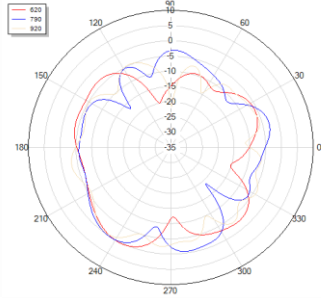


● **5G MAX Peak Gain**

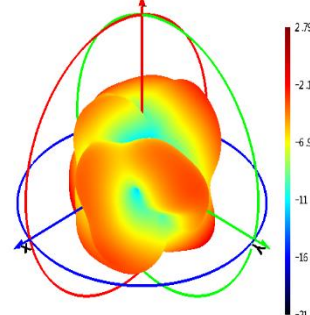
620 MHz



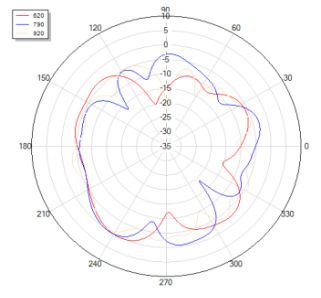
Theta=90



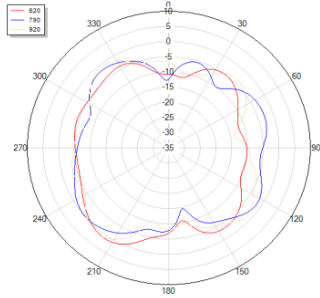
790 MHz



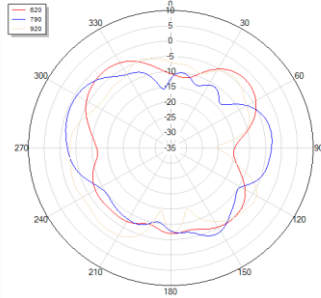
Theta=90



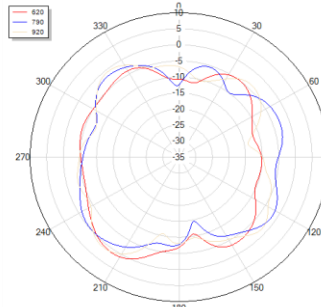
Phi=0



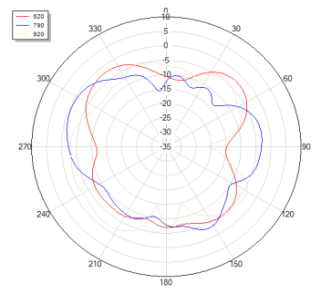
Phi=90



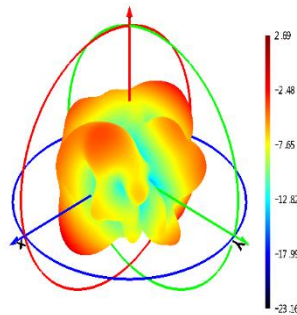
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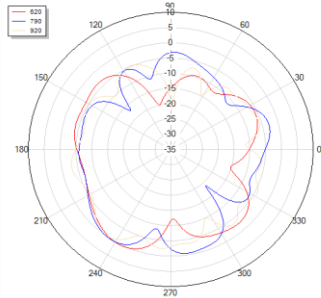
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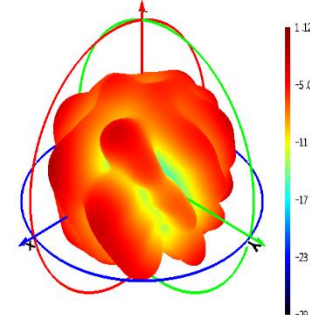
920 MHz



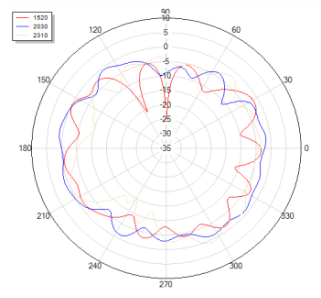
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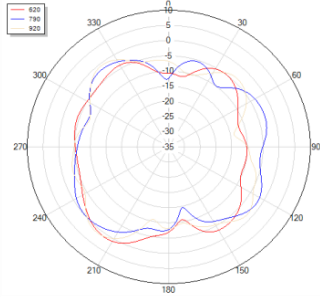
1520 MHz



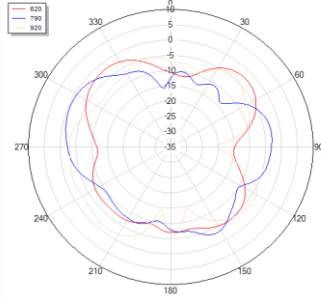
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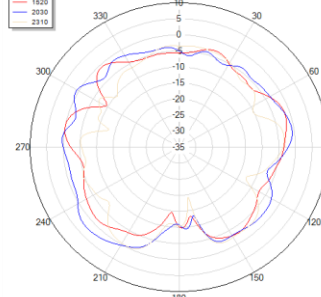
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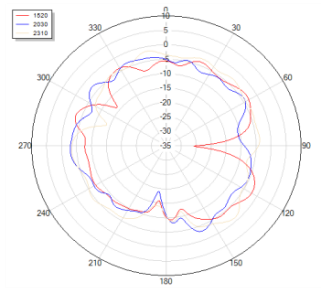
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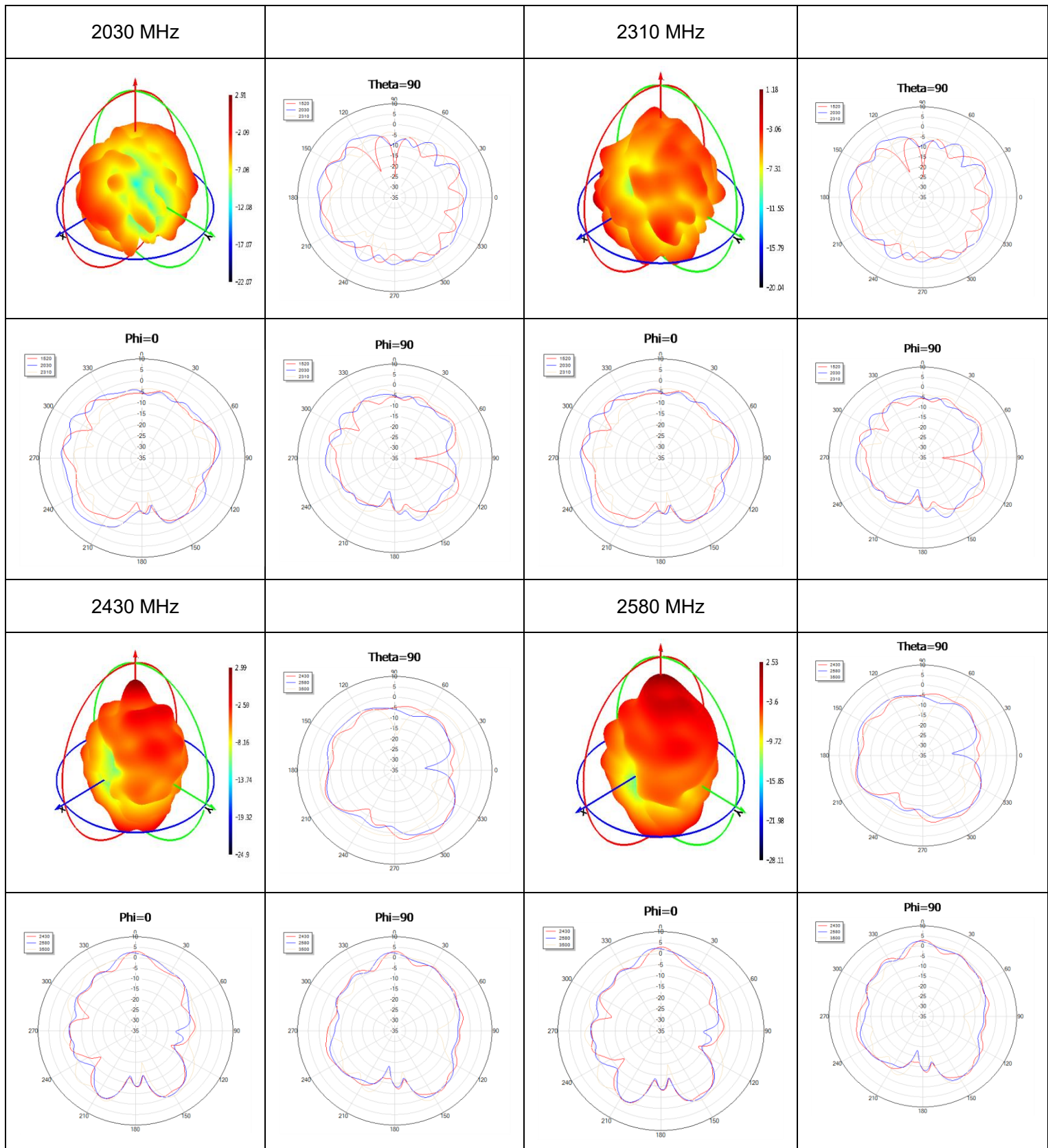


Phi=0

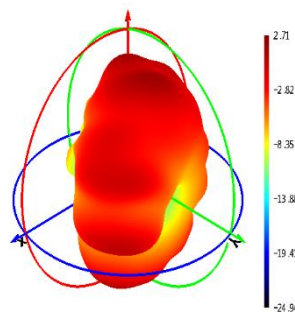


Phi=90

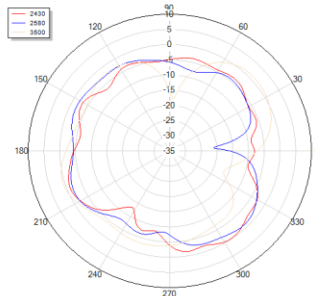




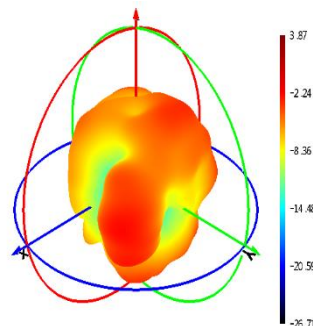
3500 MHz



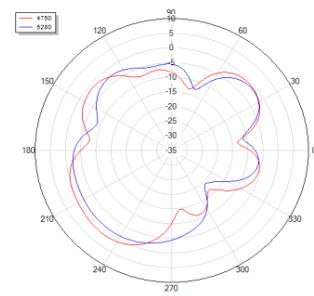
Theta=90



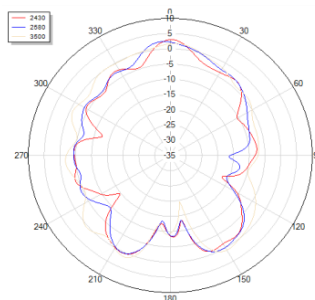
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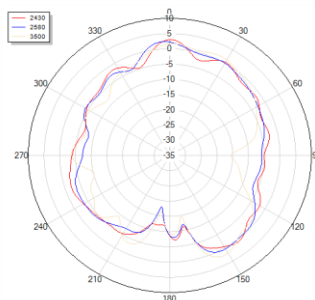
Theta=90



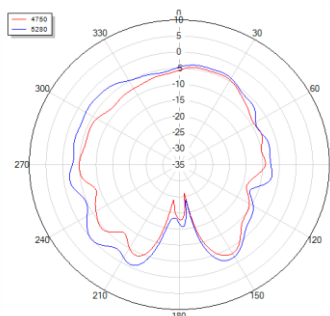
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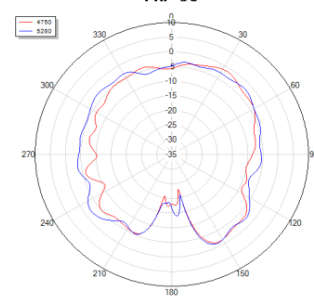
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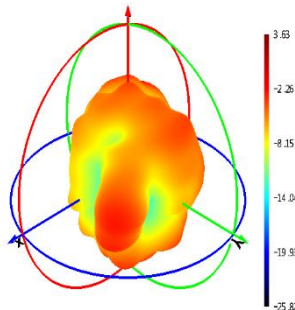
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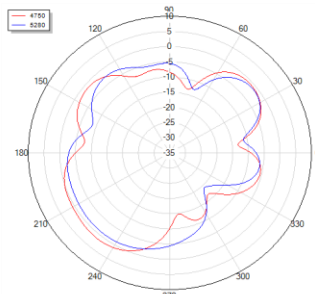
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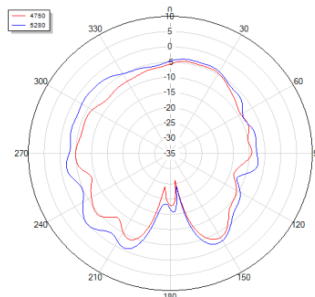
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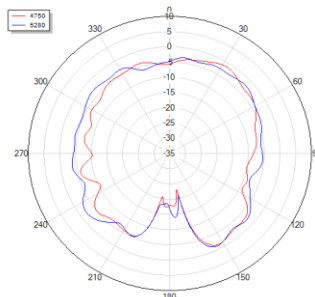
Theta=90



Phi=0

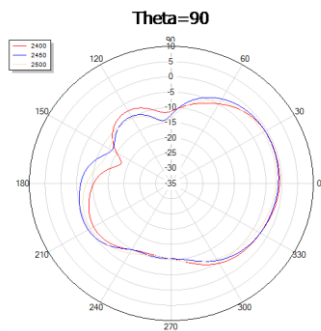
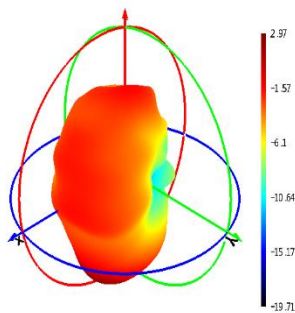


Phi=90

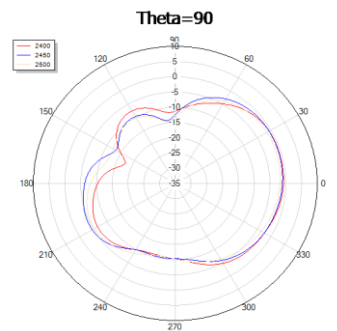
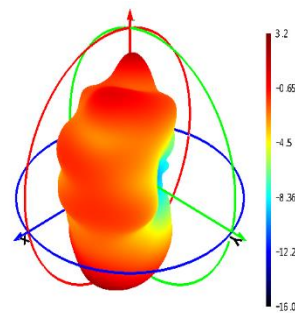


● **Wi-Fi**

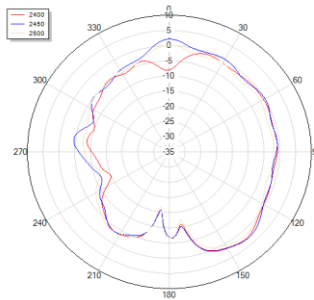
2400 MHz



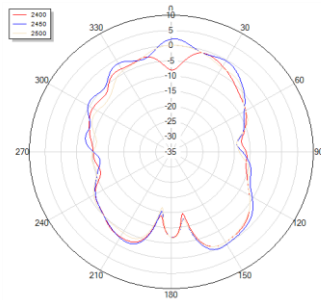
2450 MHz



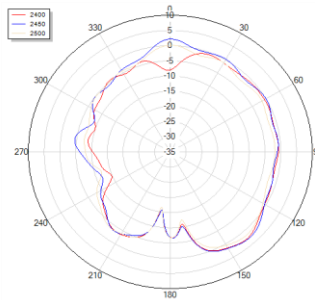
Phi=0



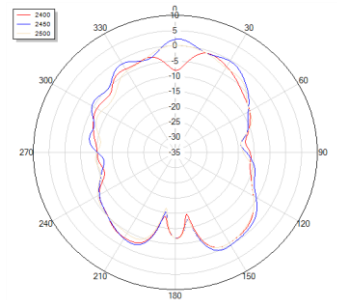
Phi=90



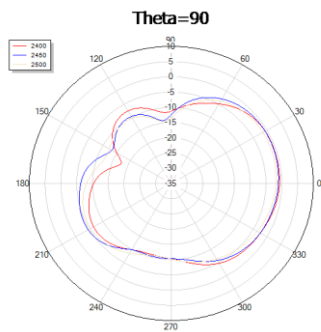
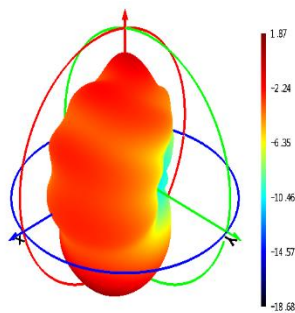
Phi=0



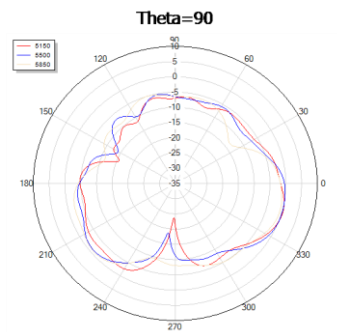
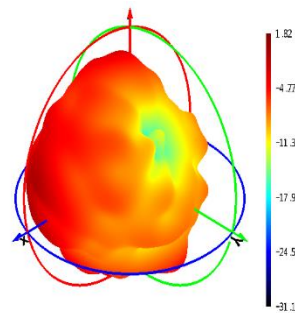
Phi=90



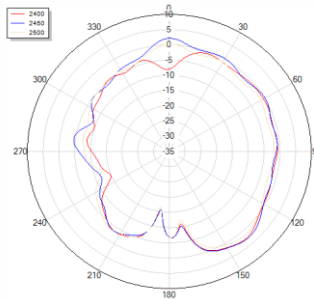
2500 MHz



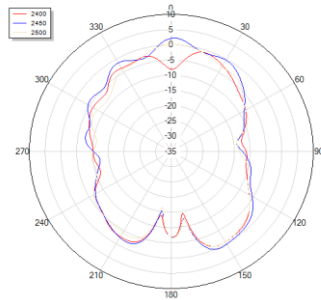
5150 MHz



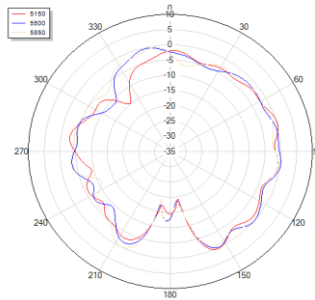
Phi=0



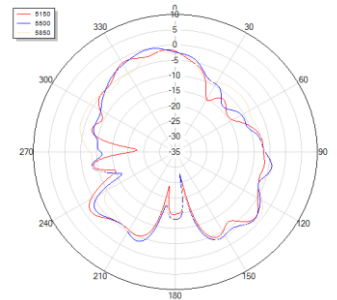
Phi=90



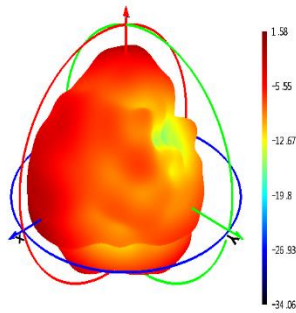
Phi=0



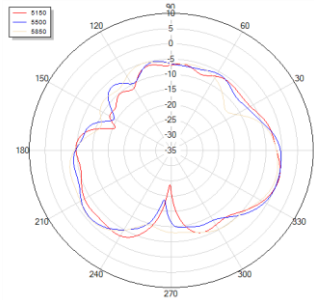
Phi=90



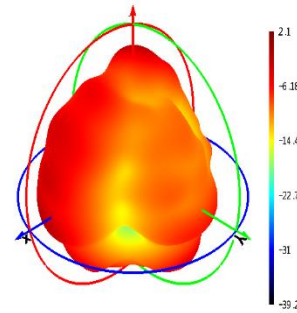
5500 MHz



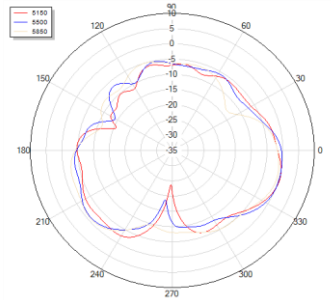
Theta=90



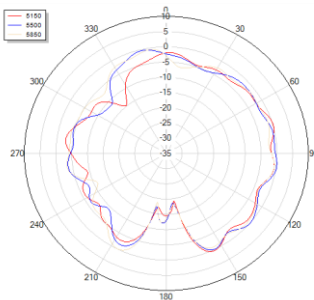
5850 MHz



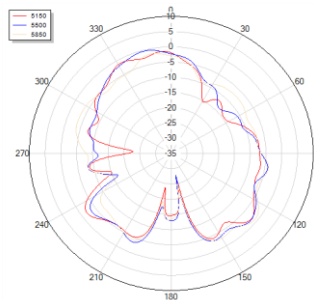
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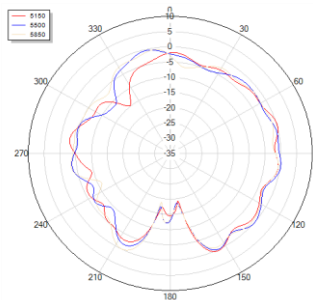
Phi=0



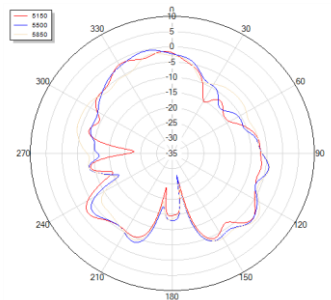
Phi=90



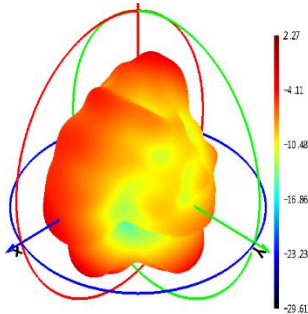
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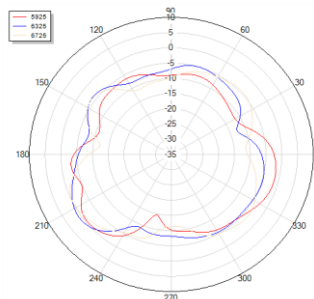
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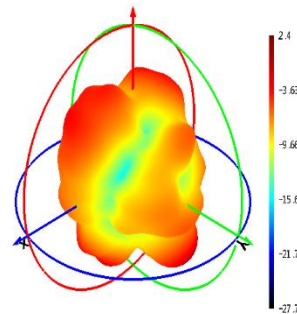
5925 MHz



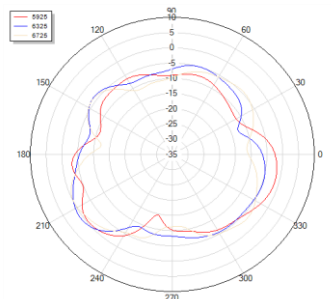
Theta=90



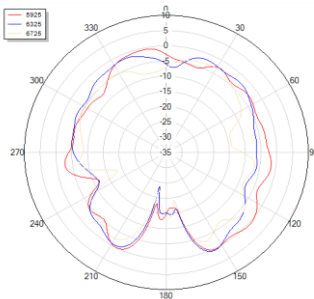
6325 MHz



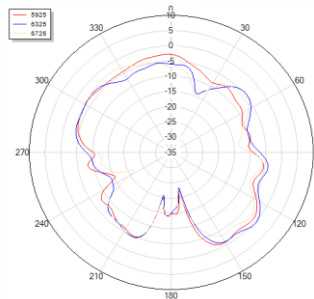
Theta=90



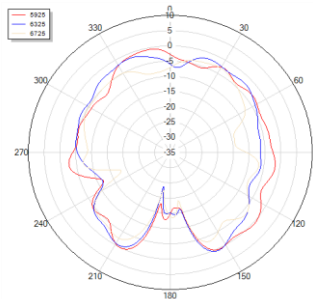
Phi=0



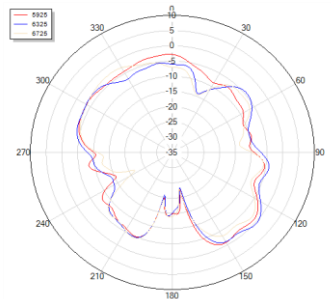
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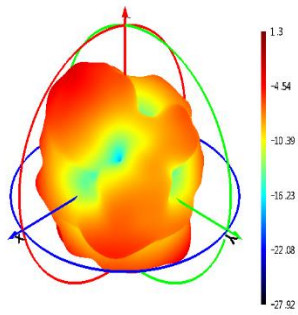
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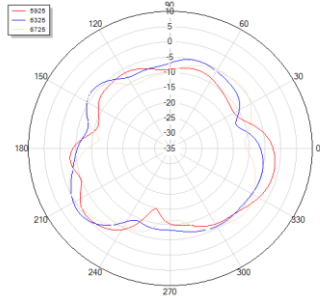
Phi=90



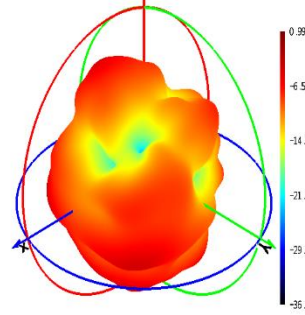
6725 MHz



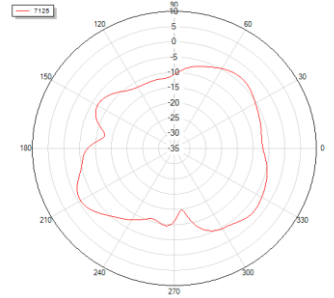
Theta=90



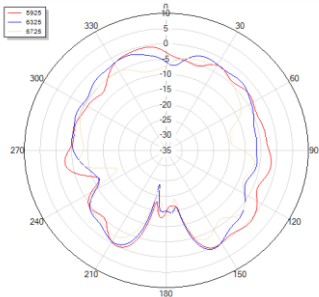
7125 MHz



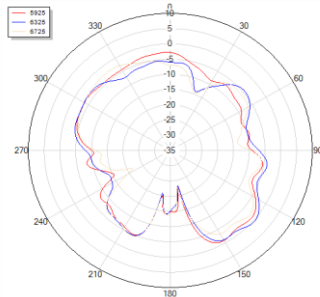
Theta=90 freq=7125MHz



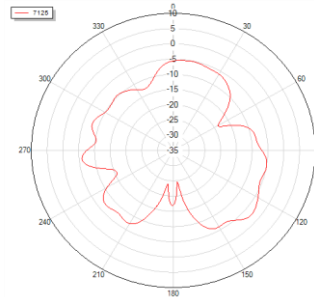
Phi=0



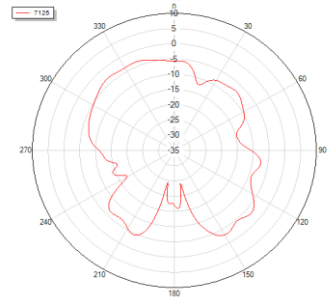
Phi=90



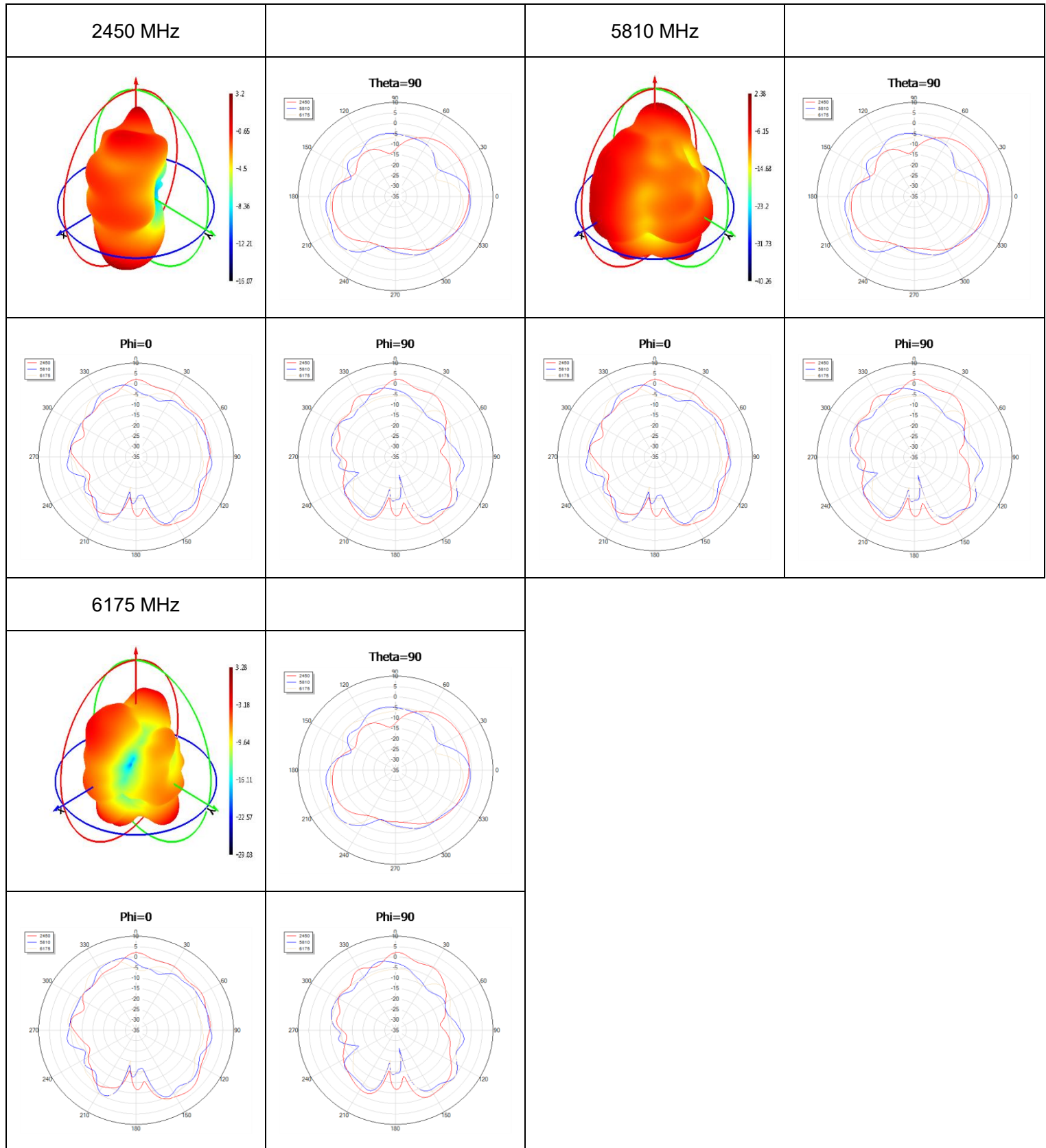
Phi=0 freq=7125MHz



Phi=90 freq=7125MHz



● **Wi-Fi MAX Peak Gain**



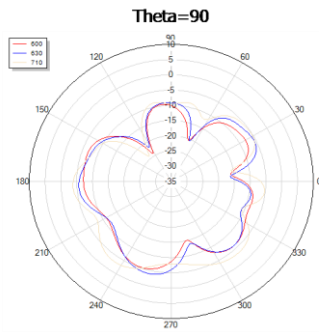
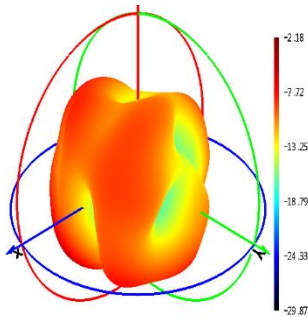
3.2.4.2. Test Condition: On 300 mm × 300 mm Metal Plane

- Test Chamber: HF-S-1

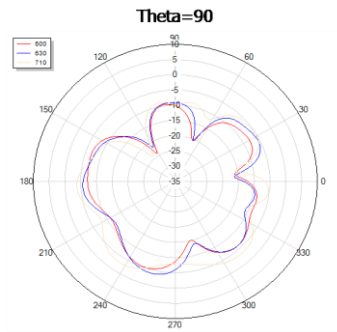
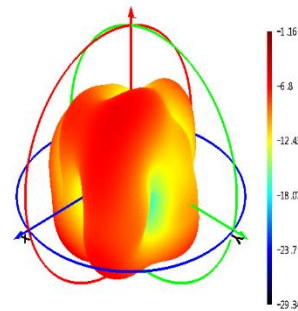


● **5G**

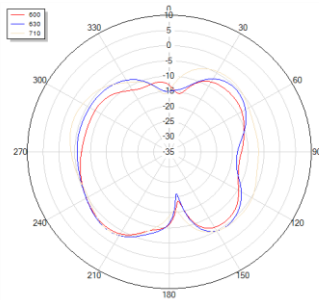
600 MHz



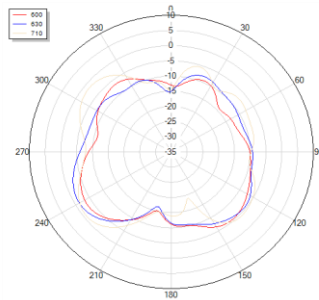
630 MHz



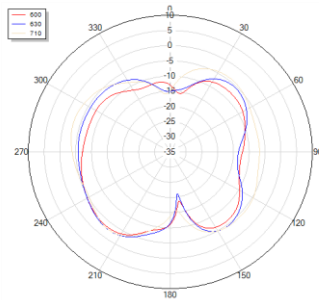
Phi=0



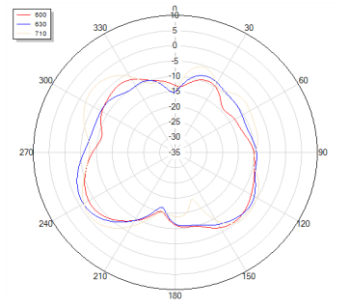
Phi=90



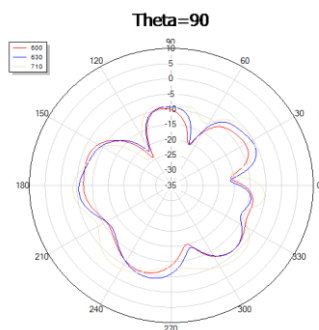
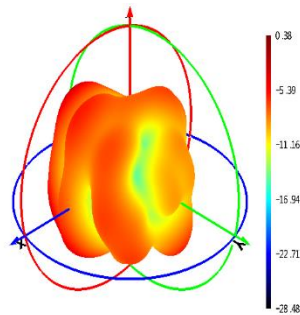
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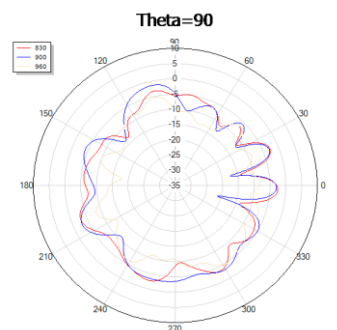
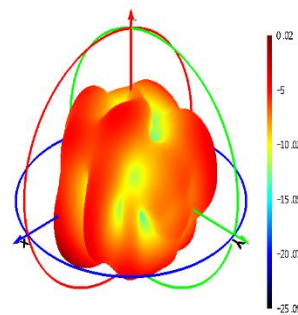
Phi=90



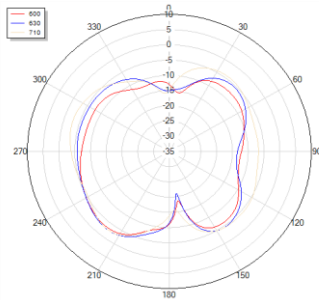
710 MHz



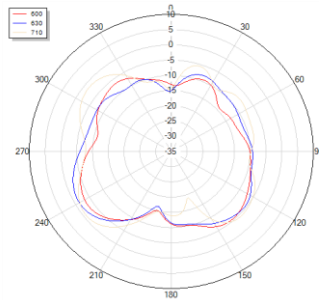
830 MHz



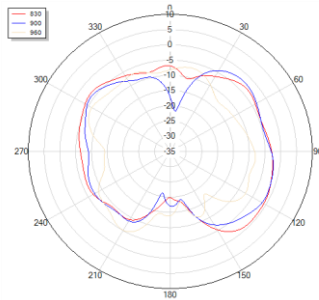
Phi=0



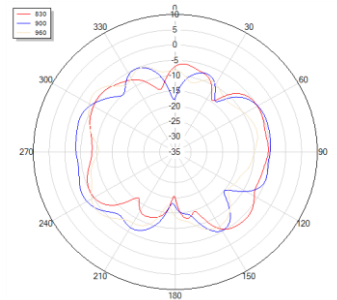
Phi=90



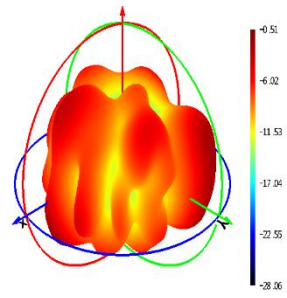
Phi=0



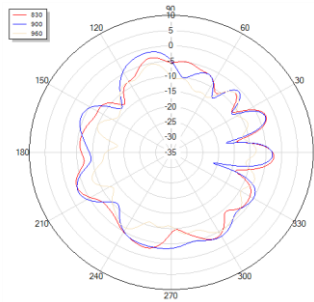
Phi=90



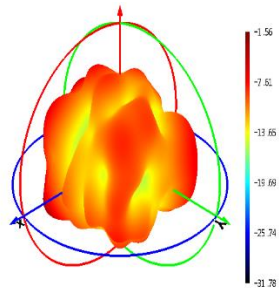
900 MHz



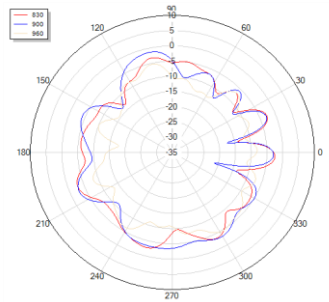
Theta=90



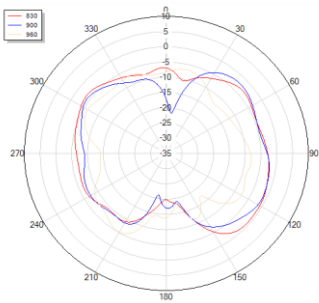
960 MHz



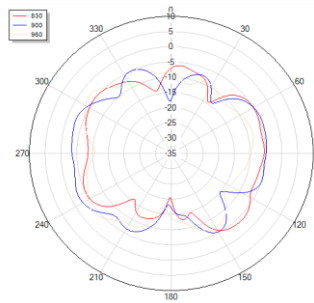
Theta=90



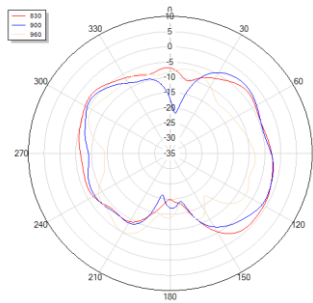
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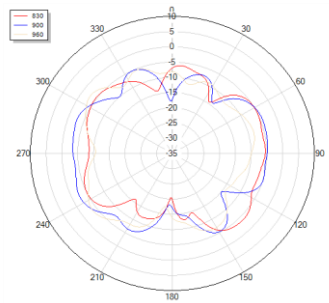
Phi=90



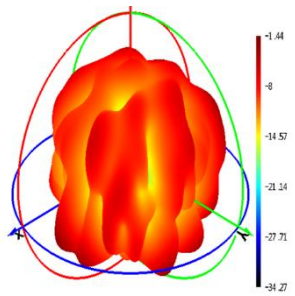
Phi=0



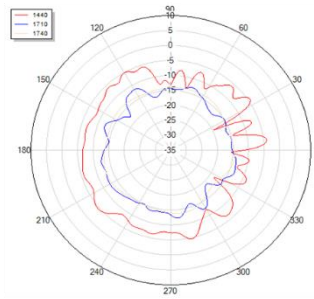
Phi=90



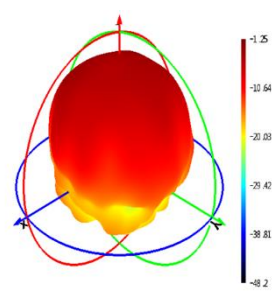
1440 MHz



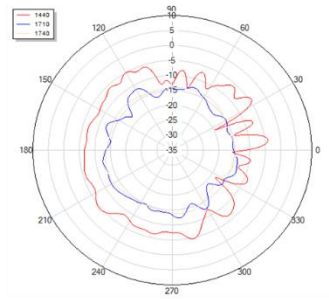
Theta=90



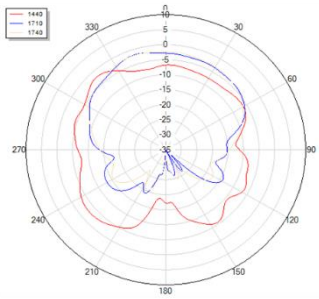
1710 MHz



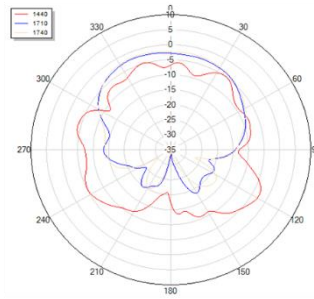
Theta=90



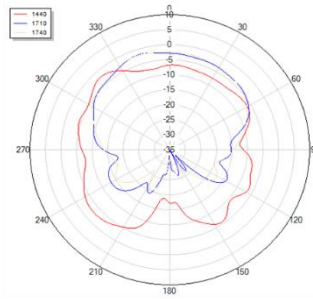
Phi=0



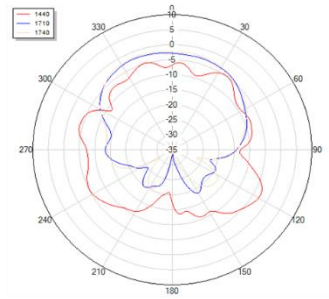
Phi=90



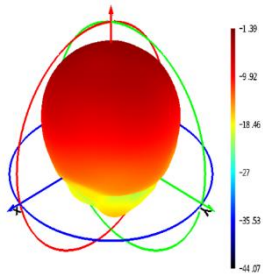
Phi=0



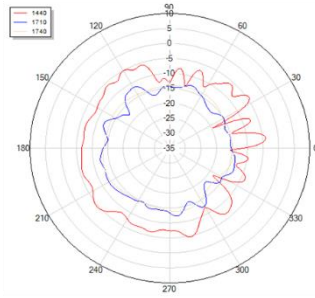
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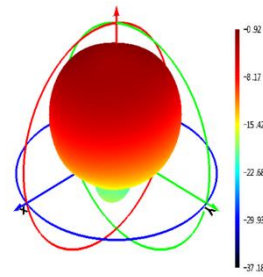
1740 MHz



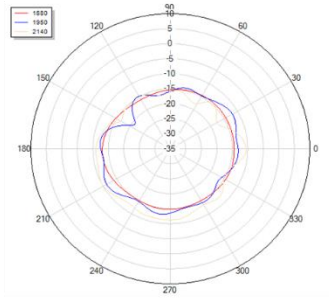
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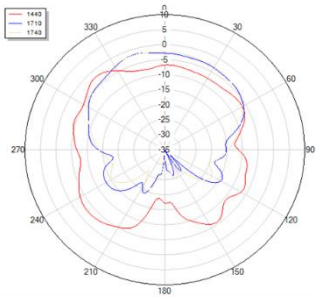
1880 MHz



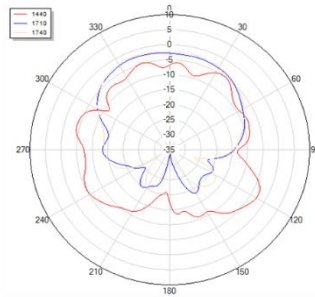
Theta=90



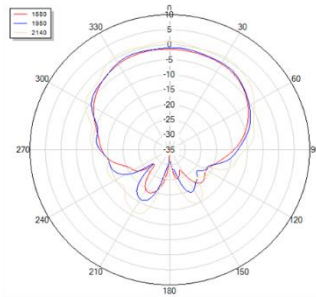
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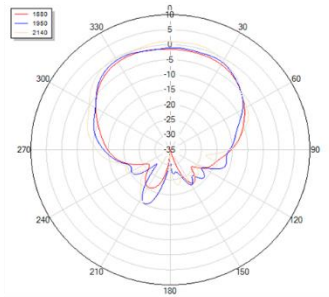
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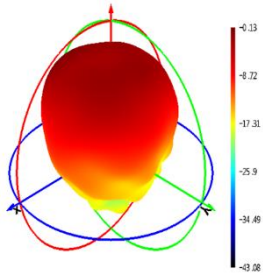
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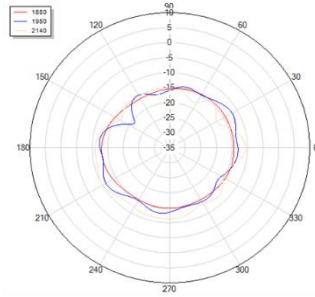
Phi=90



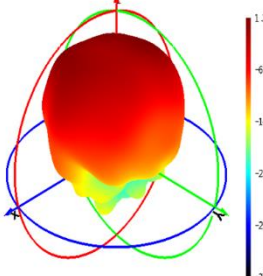
1950 MHz



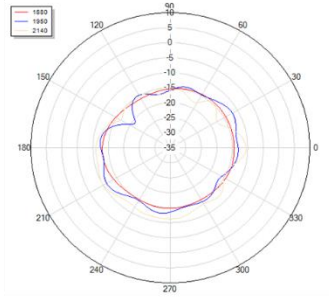
Theta=90



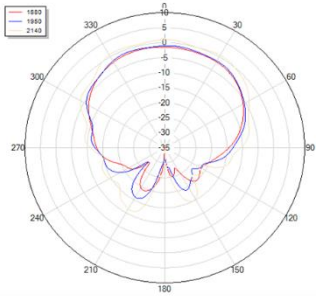
2140 MHz



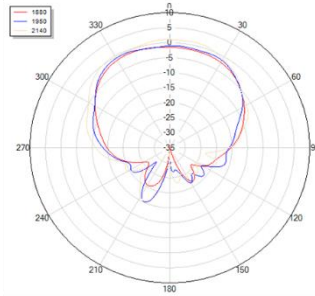
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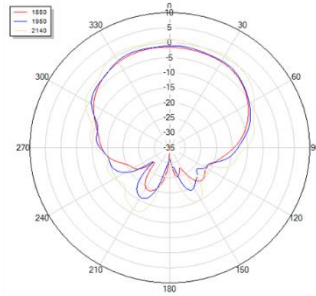
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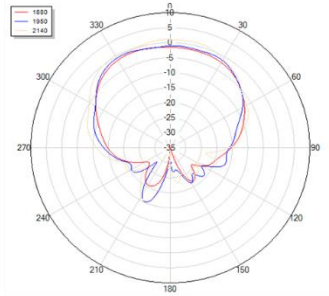
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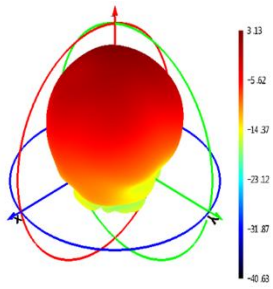
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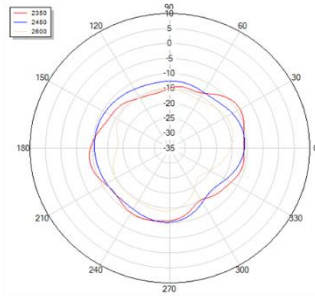
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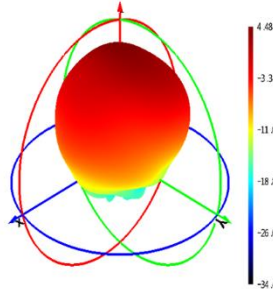
2350 MHz



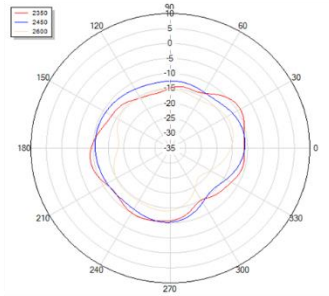
Theta=90



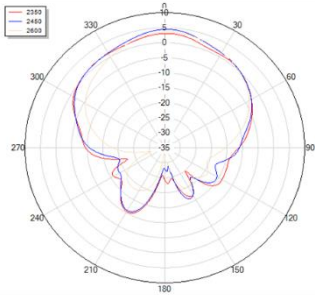
2450 MHz



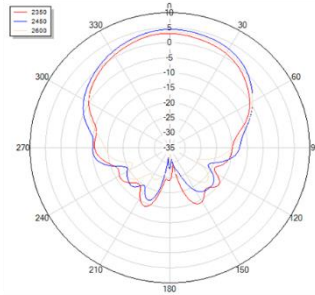
Theta=90



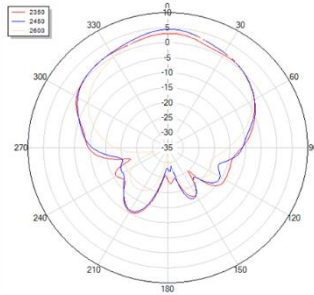
Phi=0



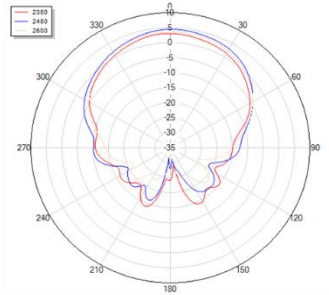
Phi=90



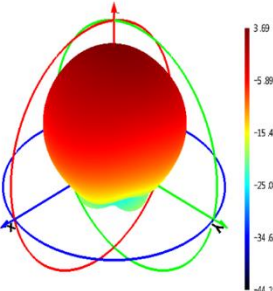
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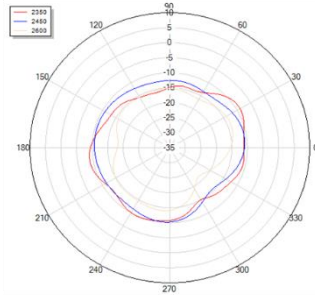
Phi=90



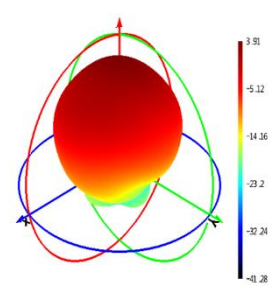
2600 MHz



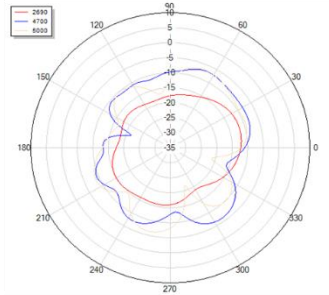
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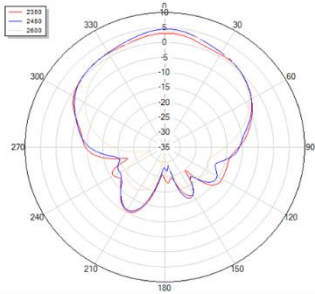
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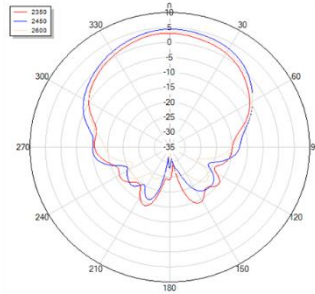
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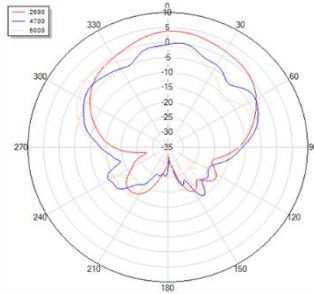
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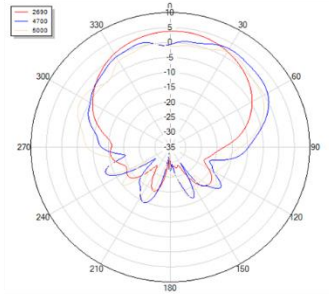
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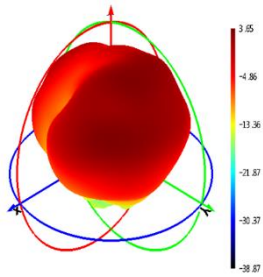
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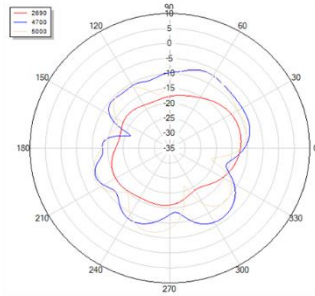
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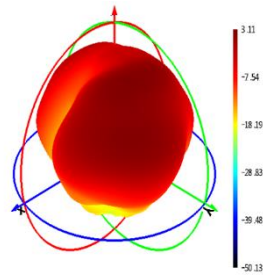
4700 MHz



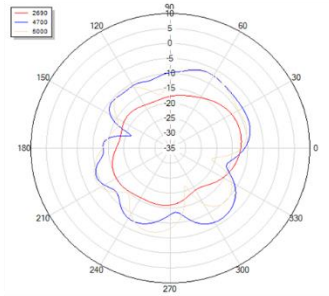
Theta=90



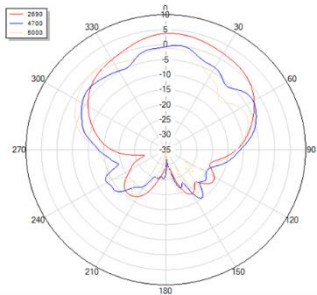
5000 MHz



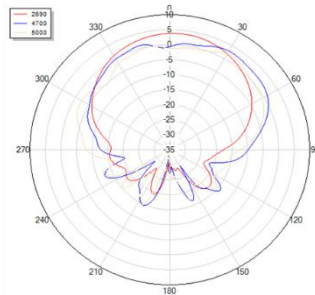
Theta=90



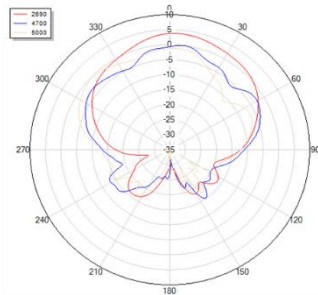
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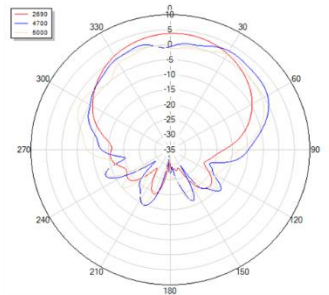
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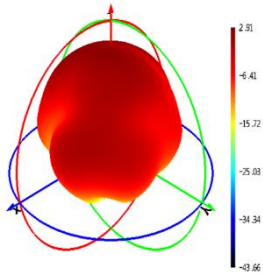
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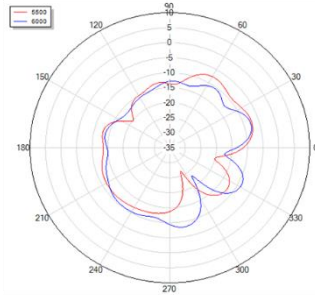
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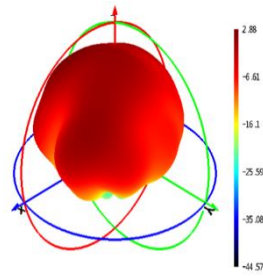
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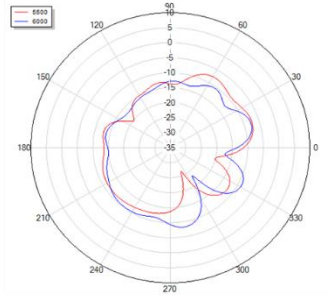
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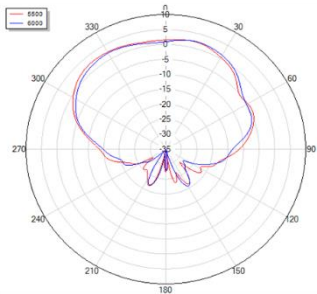
6000 MHz



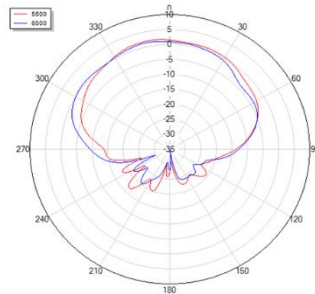
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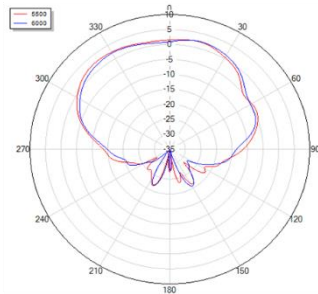
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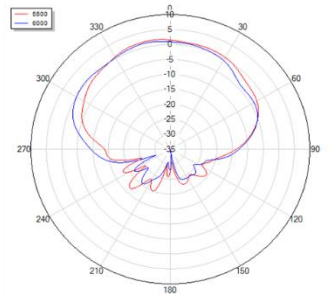
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Phi=0

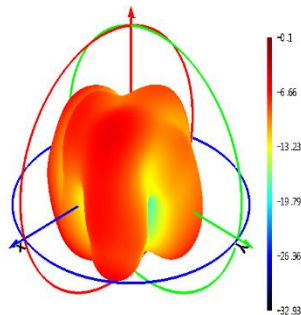


Phi=90

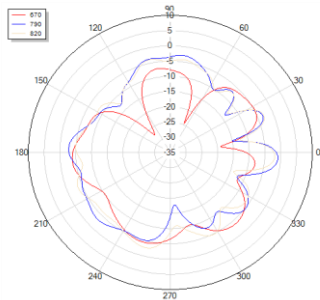


● **5G MAX Peak Gain**

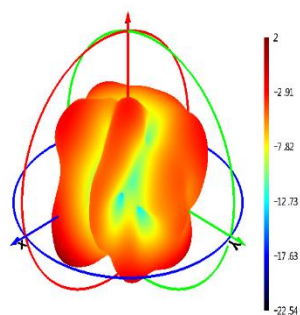
670 MHz



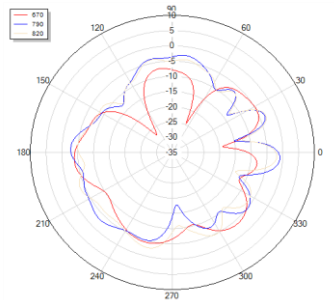
Theta=90



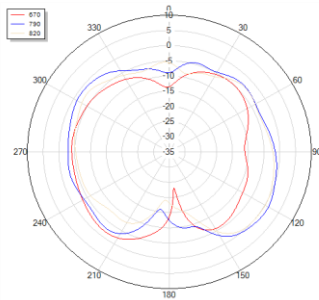
790 MHz



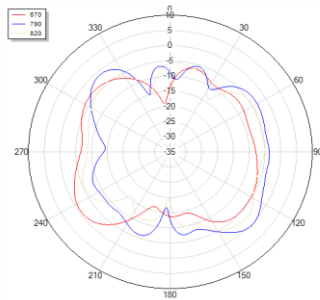
Theta=90



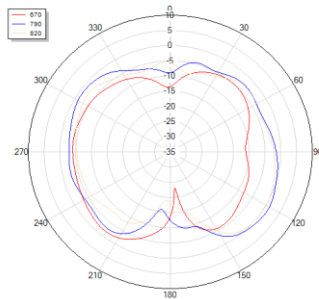
Phi=0



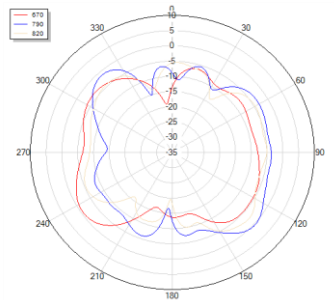
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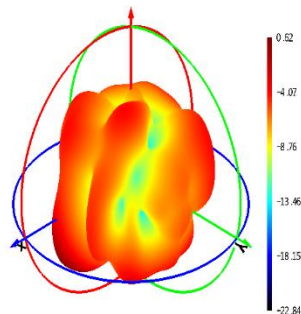
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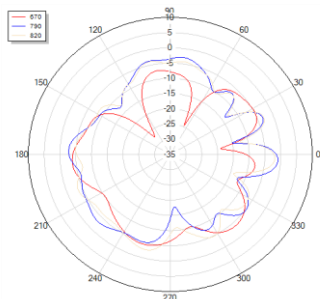
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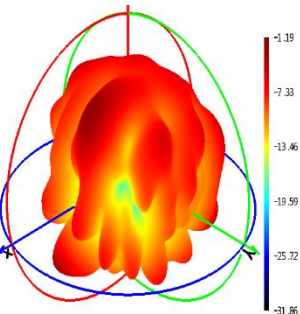
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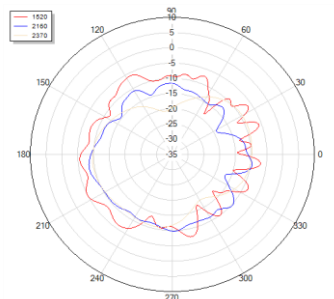
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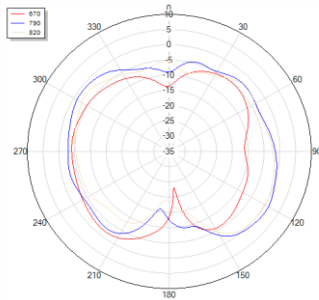
1520 MHz



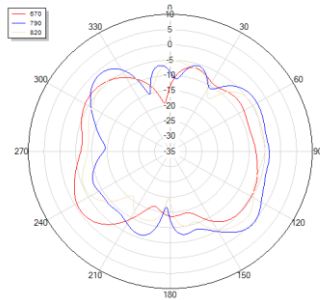
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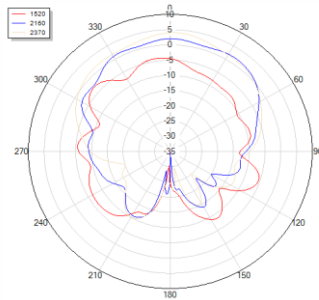
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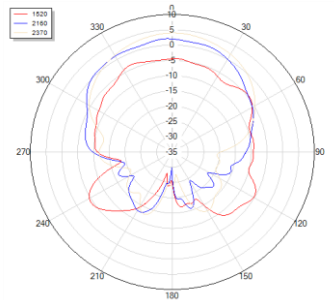
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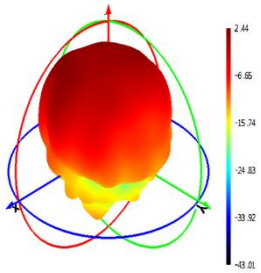
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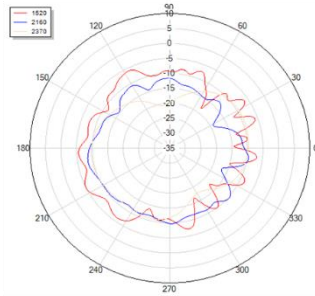
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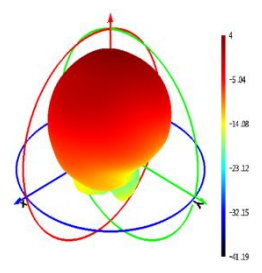
2160 MHz



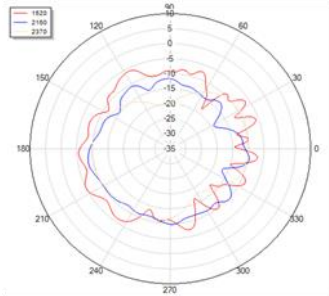
Theta=90



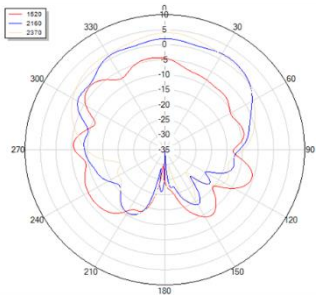
2370 MHz



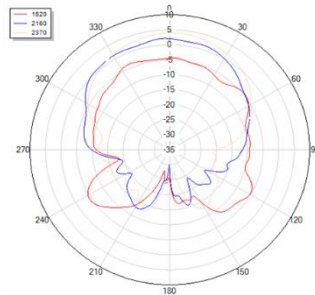
Theta=90



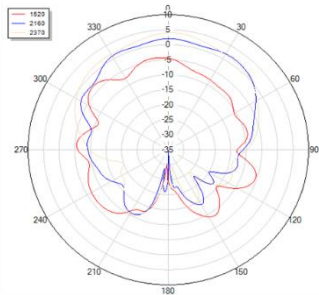
Phi=0



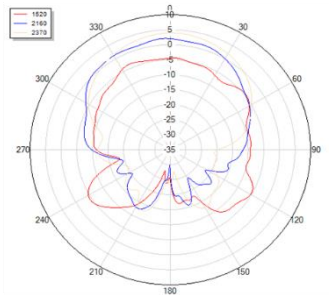
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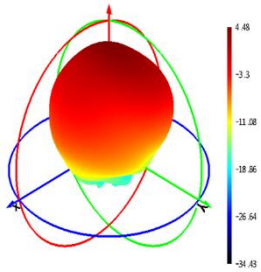
Phi=0



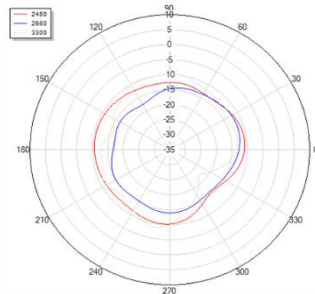
Phi=90



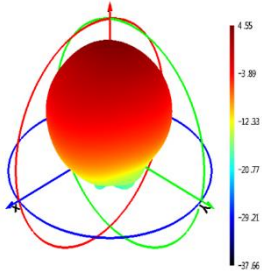
2450 MHz



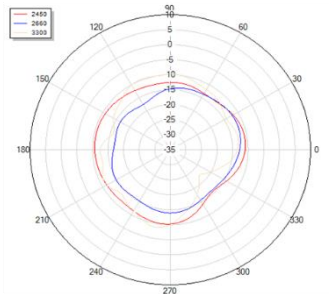
Theta=90



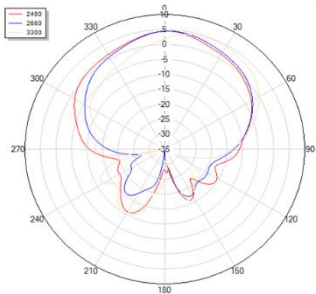
2660 MHz



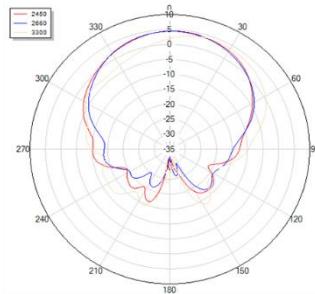
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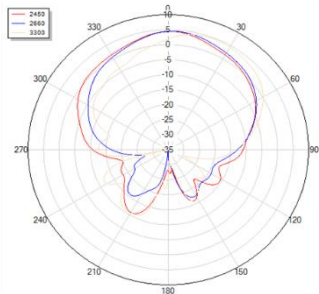
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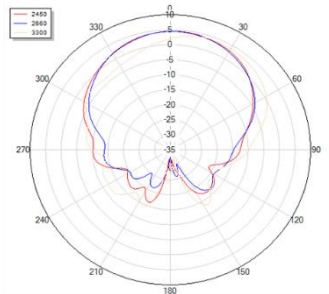
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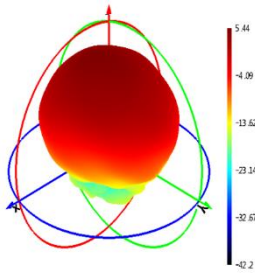
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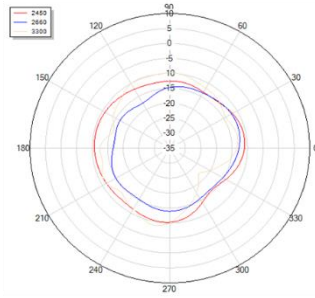
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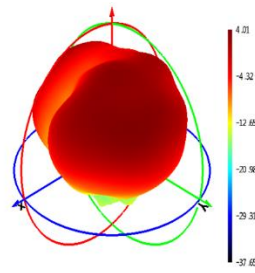
3300 MHz



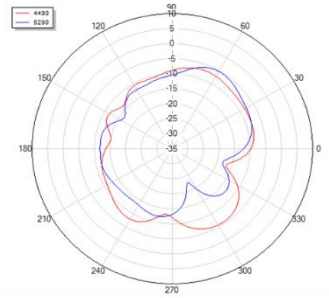
Theta=90



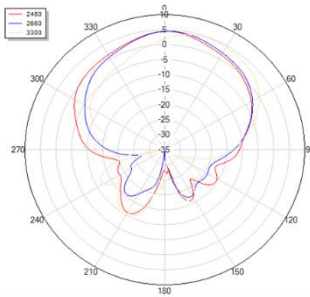
4490 MHz



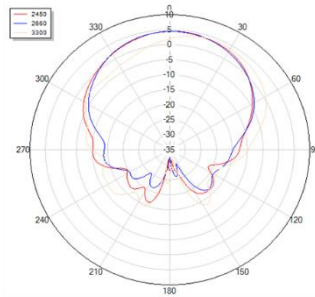
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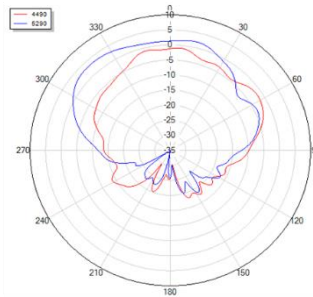
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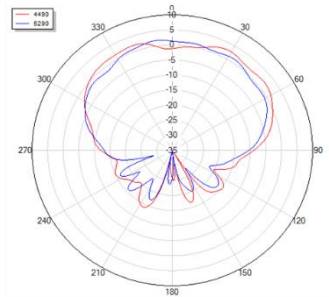
Phi=90



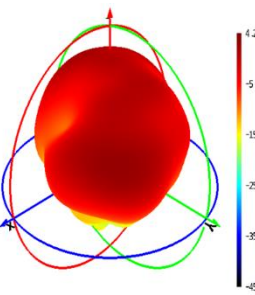
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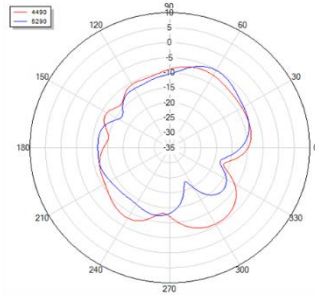
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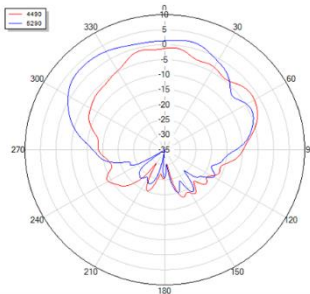
5290 MHz



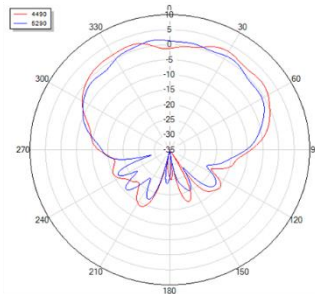
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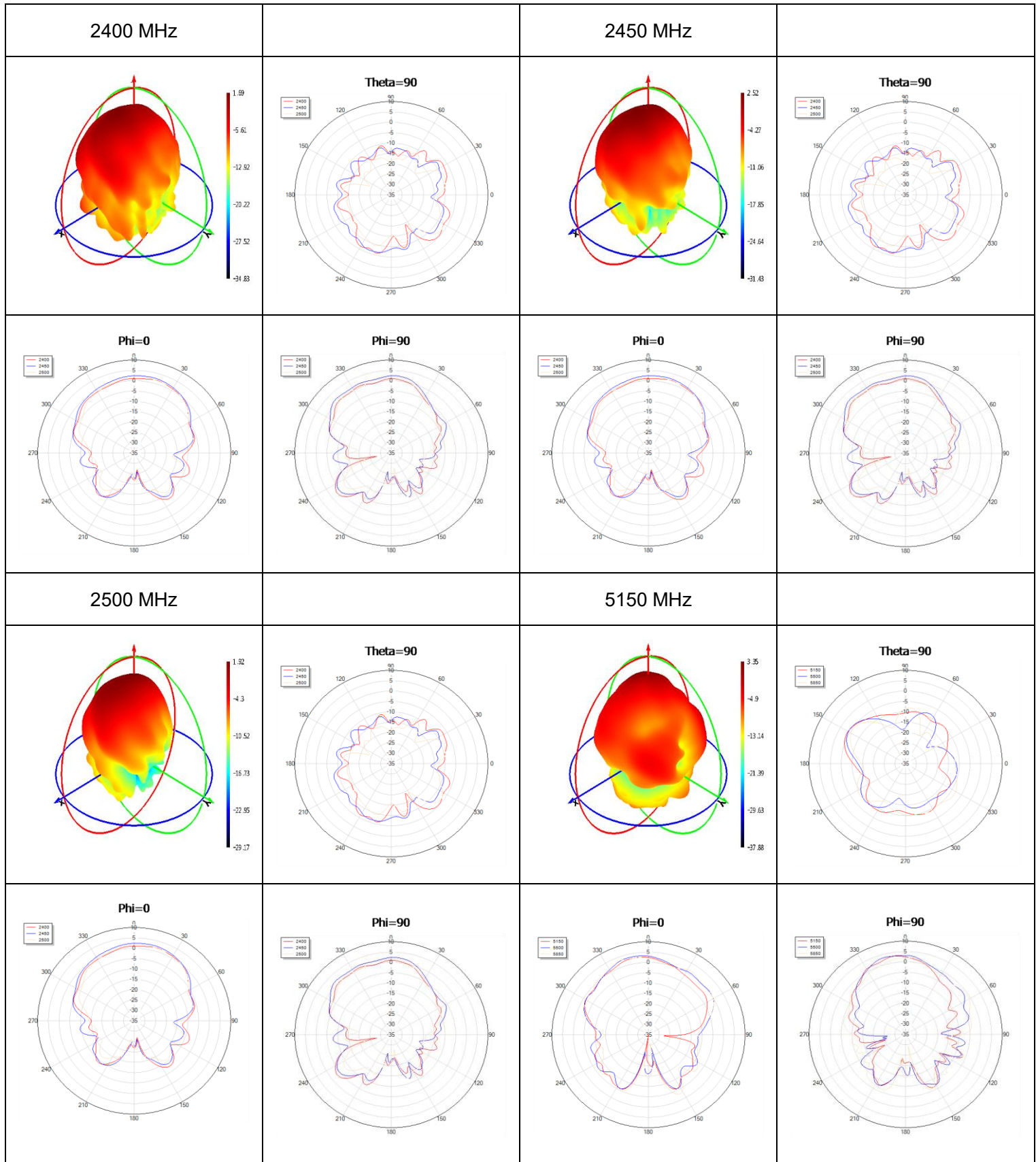
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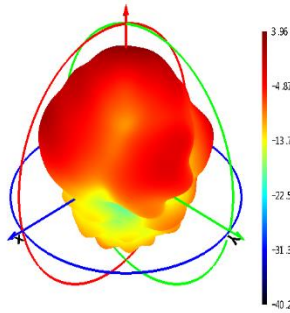
Phi=90



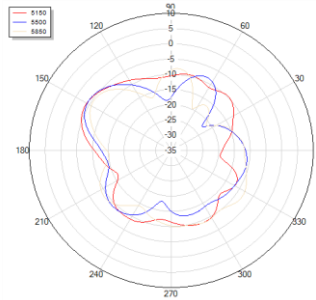
● **Wi-Fi**



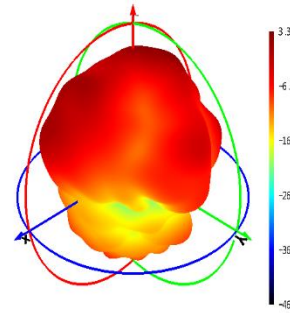
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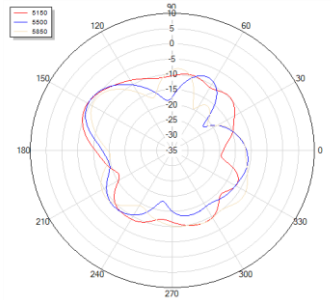
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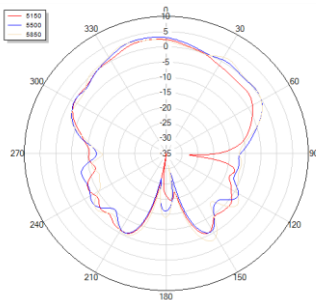
5850 MHz



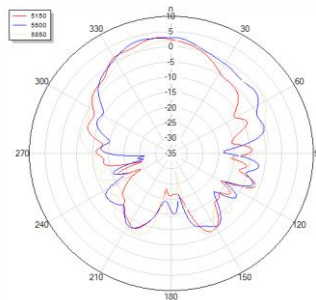
Theta=90



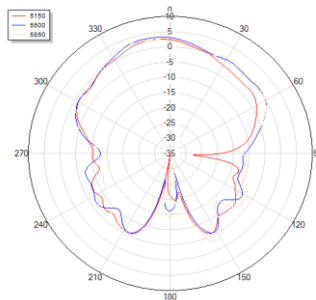
Phi=0



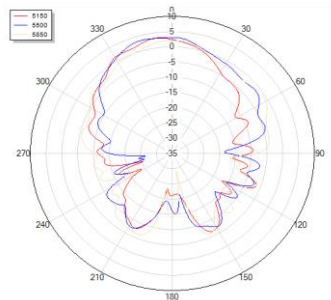
Phi=90



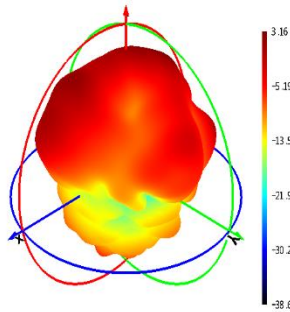
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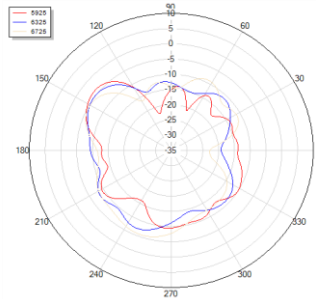
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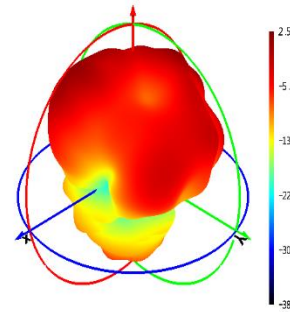
5925 MHz



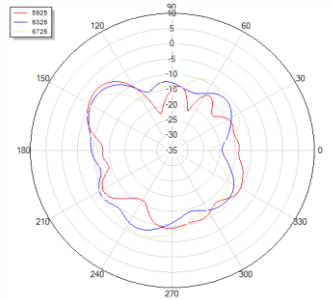
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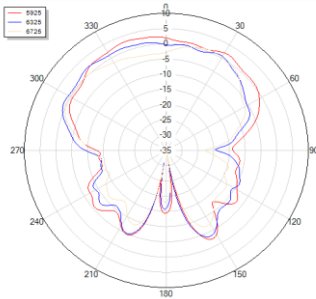
6325 MHz



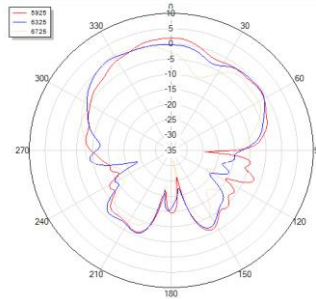
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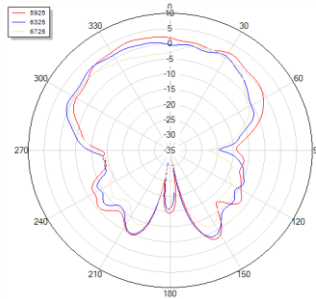
Phi=0



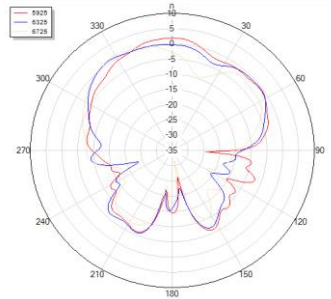
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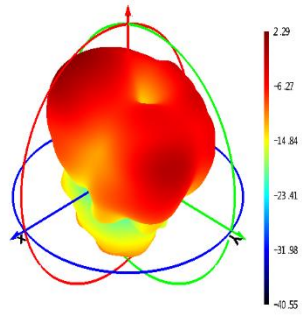
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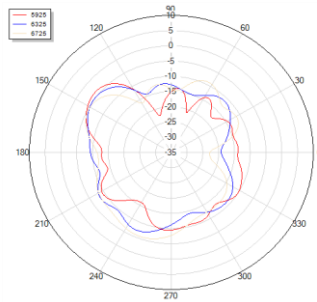
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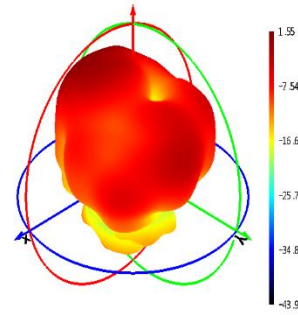
6725 MHz



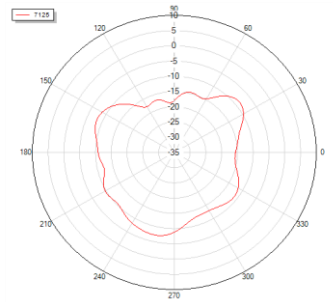
Theta=90



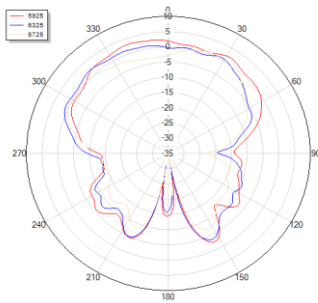
7125 MHz



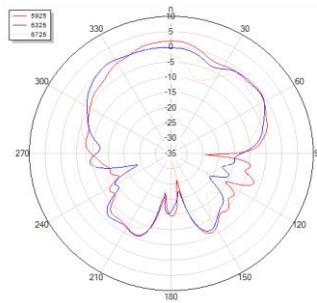
Theta=90 freq=7125MHz



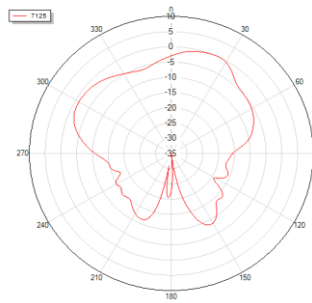
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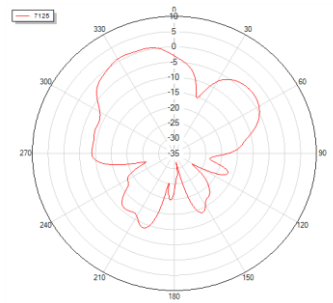
Phi=90



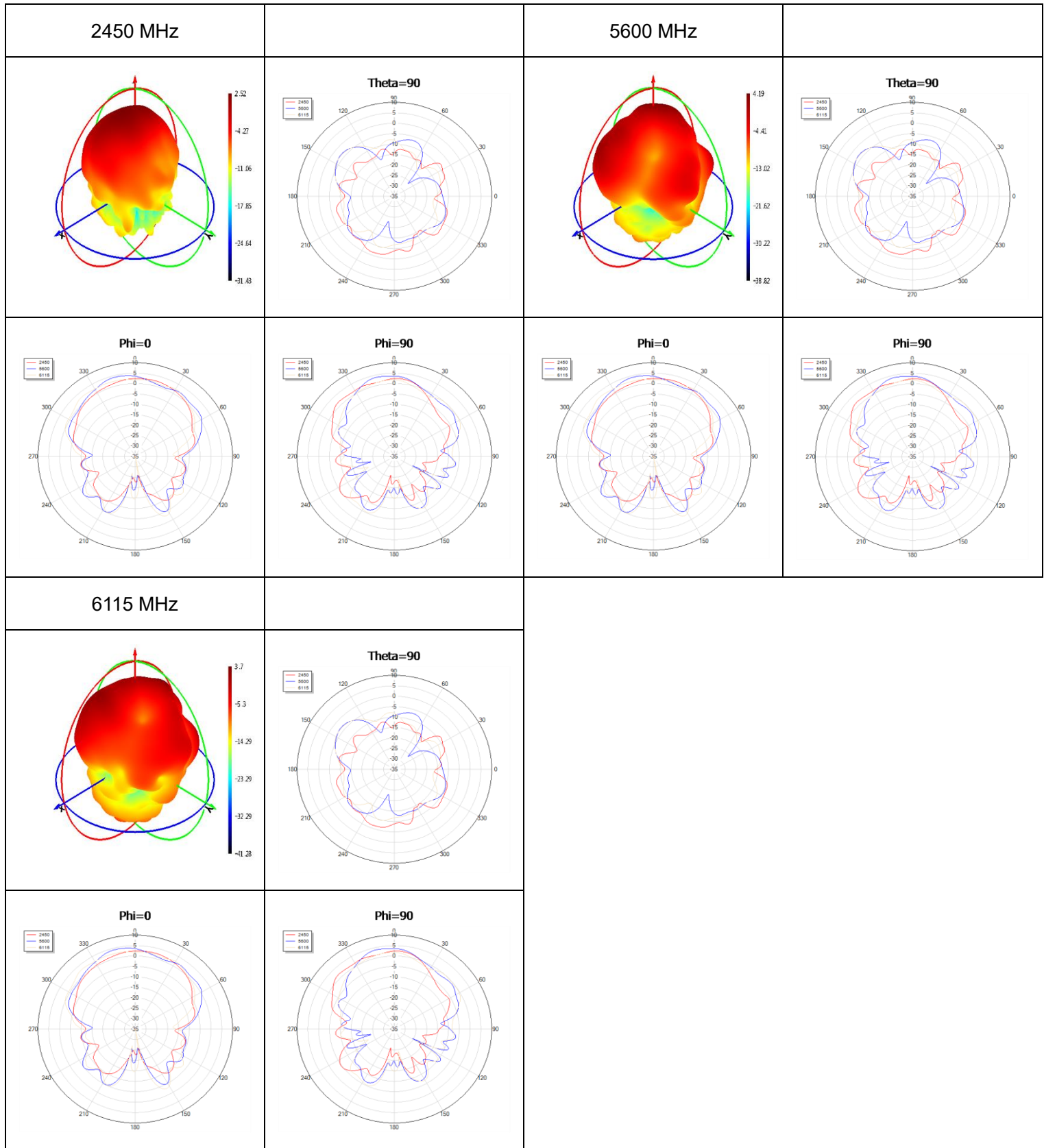
Phi=0 freq=7125MHz



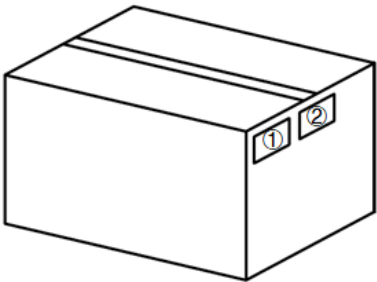
Phi=90 freq=7125MHz

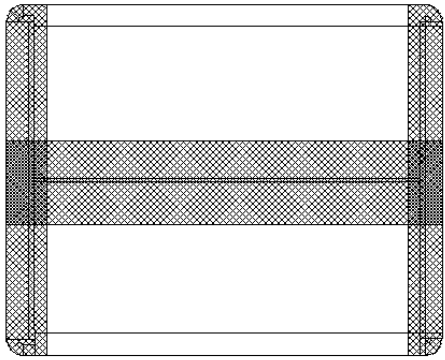


● **Wi-Fi MAX Peak Gain**



4 Packaging

Step	Packaging Picture / 2D Picture	Description
1		The top of each product is wrapped in bubble wrap, and then the entire package is placed inside a small PE bag.
2		15 product per large PE bag (15 Antennas / Large PE Bag)
3		(8 PE Bags / Carton Box) (120 Antennas / Carton Box) Estimated quantity Products that cannot fill the entire carton box are packed in a suitable size carton box. <u>Carton Size:</u> <u>L × W × H = 470 × 310 × 310 mm</u>
4		Position for Attaching Labels ① Carton Label ② Quality Label

5		Sealing Cartons H-shaped sealing cartons
Note	The initial packaging method described above is for reference only, and the final actual packaging method shall be subject to the actual shipping packaging.	

Contact Us

At Quectel, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

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Revision History

Version	Date	Author	Note
-	2026-04-27	Ruean Liu/ Blake Xiang/ Kessie Geng/ Rainey Liao	Creation of the document
1.0	2026-04-27	Ruean Liu/ Blake Xiang/ Kessie Geng/ Rainey Liao	First official release



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