

MEIG

美格智能技术股份有限公司
MeiG Smart Technology Co.,
Ltd



1. Specifications
2. Antenna Characteristics
3. Radiation Patterns
4. Contact



1-1.Specifications- Summary parameters



Impedance	50 Ω
Polarization	Linear
Radiation Pattern	Omni
Max. input power	5W
Planner Dimension	45*17mm
Casing	ABS
ANT Type	PCB ANT
ANT model	WIFI 0, WIFI 1
Temperature Range	-40°C to 85°C
ANT manufacturer	MeiG Smart Technology Co., Ltd 2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen
test lab	MeiG Smart Technology Co., Ltd 2nd Floor,Office Building,No.5 Lingxia Road,Fenghuang,Fuyong Street,Bao'an District,Shenzhen

1-2. Test instrument and test photo



Test instrument

Test instrument calibration time 2022.11.2&2022.05.07

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1-4.Specifications-Passive efficiency-WiFi-C

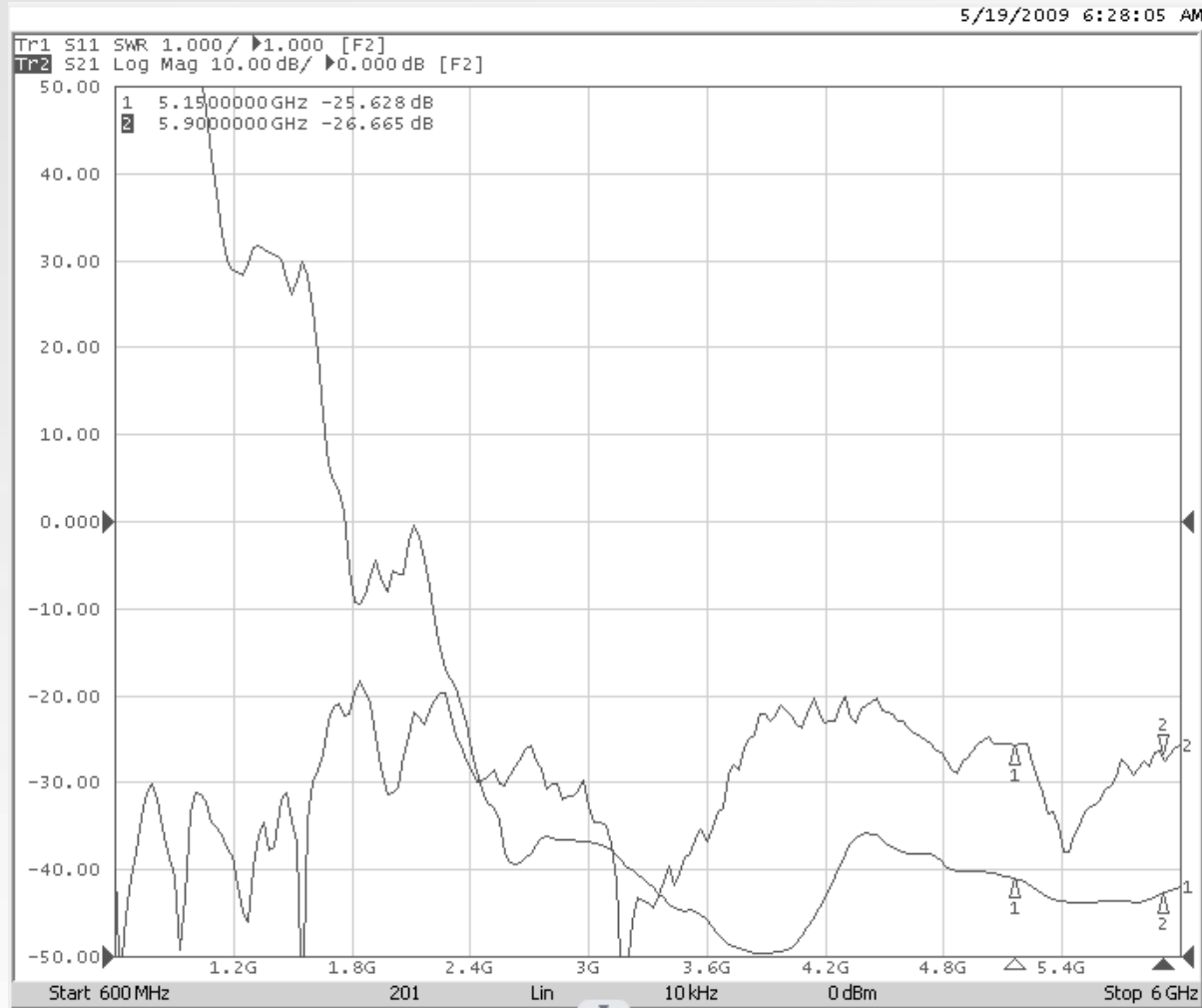


F reque ncy	E fficiency T otal (%))	P eak G ain (dB i)	F reque ncy	E fficiency T otal (%))	P eak G ain (dB i)						
2400	64.05%	1.20	5700	42.68%	1.40						
2410	61.67%	1.14	5750	43.12%	1.31						
2420	58.98%	1.20	5800	40.07%	1.40						
2430	59.44%	1.20	5850	44.90%	1.37						
2440	60.56%	1.11									
2450	62.76%	1.20									
2460	60.09%	1.11									
2470	63.19%	1.20									
2480	56.50%	1.20									
2490	59.15%	1.16									
2500	61.20%	1.20									
5150	50.24%	1.32									
5200	45.99%	1.40									
5250	44.47%	1.35									
5300	47.92%	1.40									
5350	42.18%	1.40									
5400	43.54%	1.39									
5450	46.17%	1.40									
5500	49.65%	1.40									
5550	46.79%	1.39									
5600	47.62%	1.40									
5650	49.51%	1.35									



2.1 Antenna Characteristics

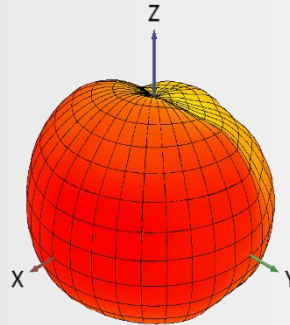
Measured VSWR results



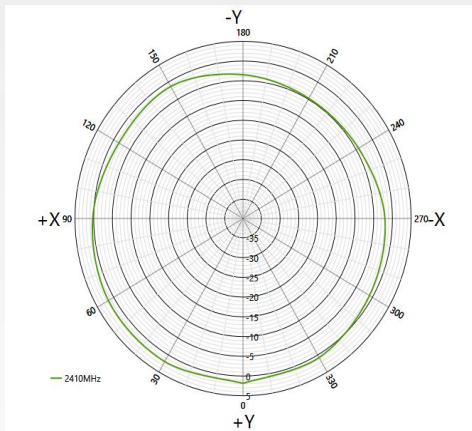
3-1. Radiation Patterns-WiFi-0



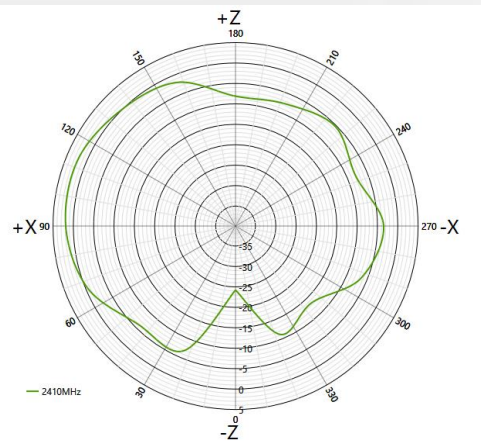
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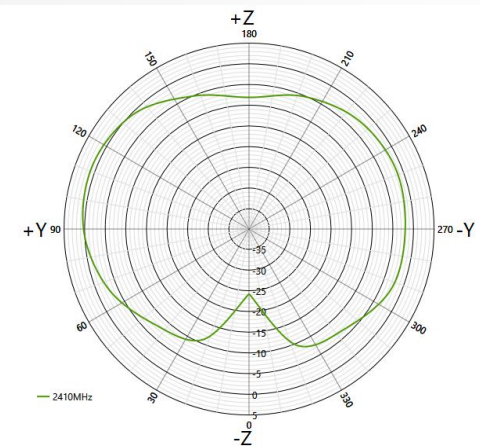
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0 Total(E1-XZ),



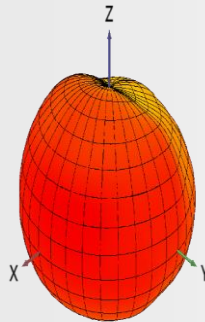
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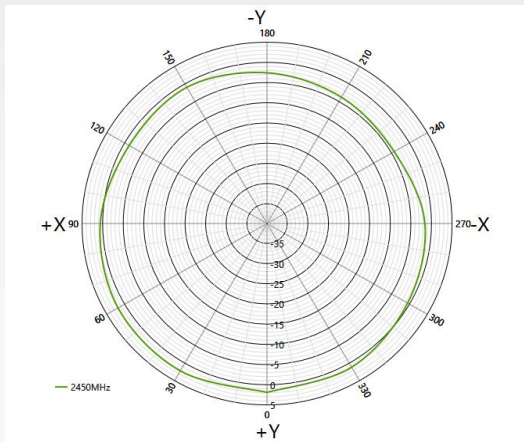
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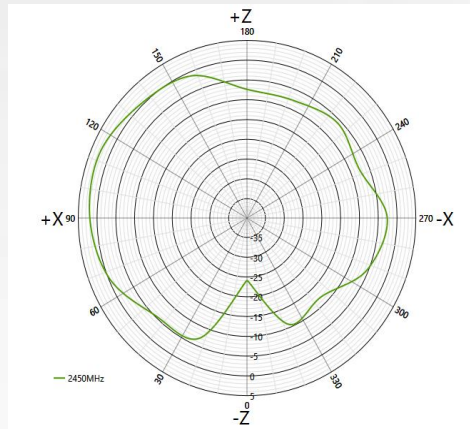
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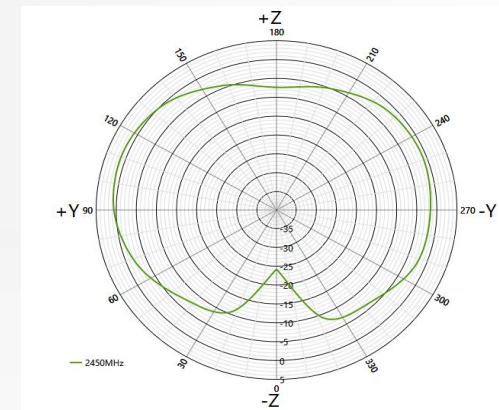
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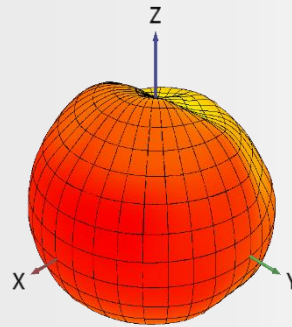
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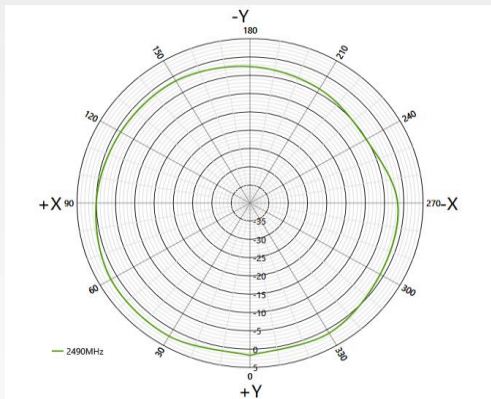
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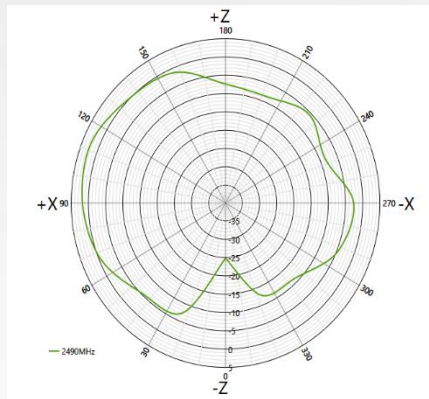
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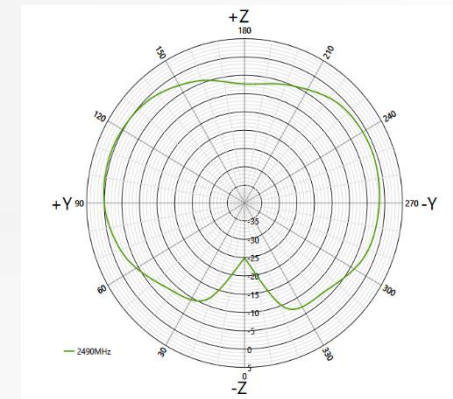
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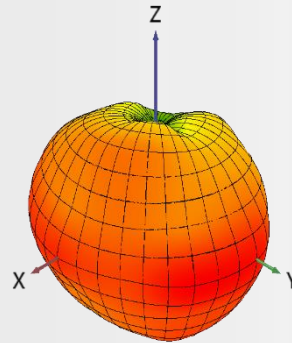
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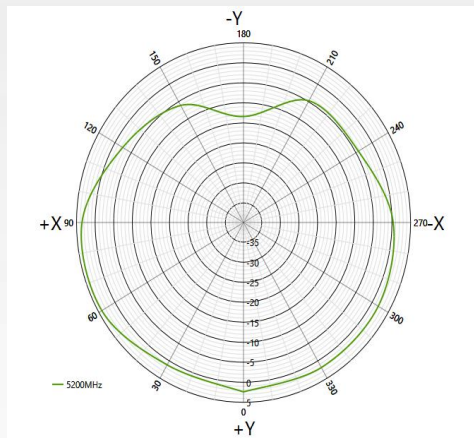
3-4. Radiation Patterns WiFi-0



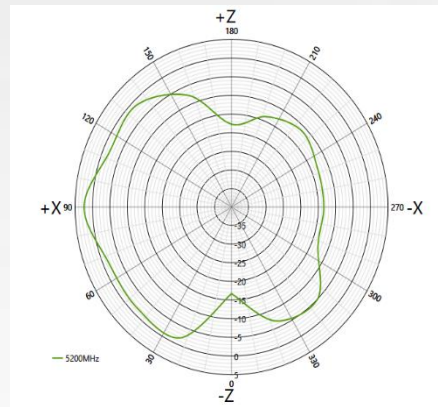
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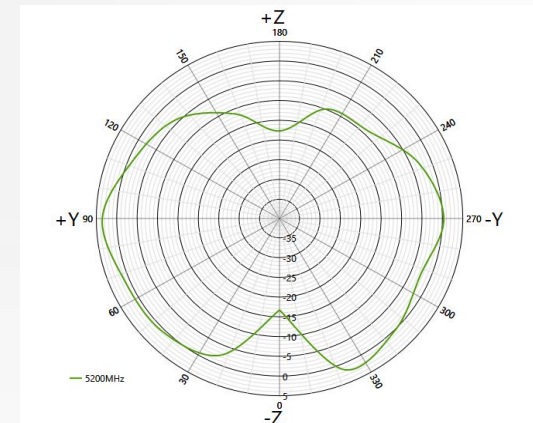
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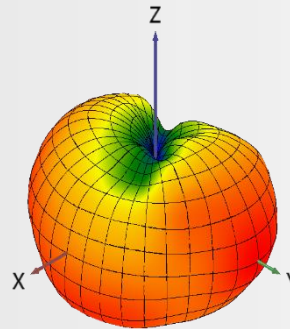
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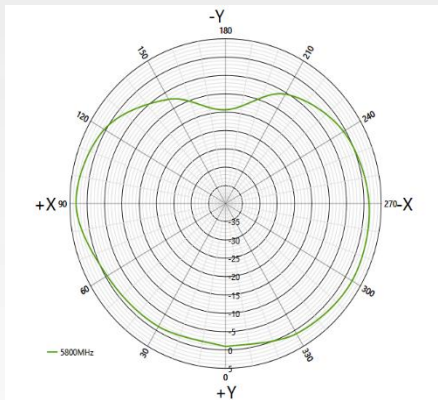
3-5. Radiation Patterns-WiFi-0



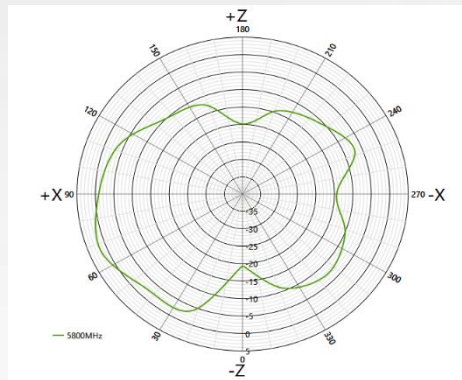
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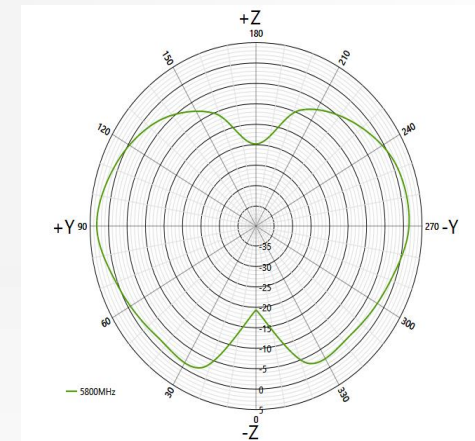
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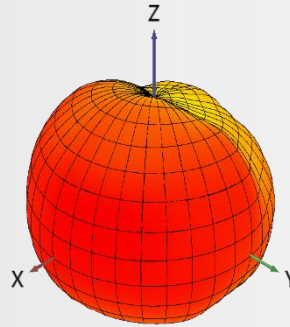
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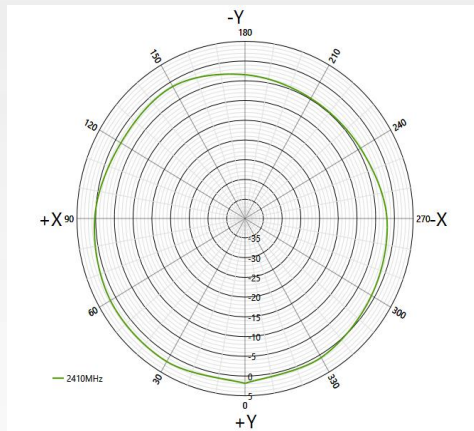
4-1. Radiation Patterns-WiFi-1



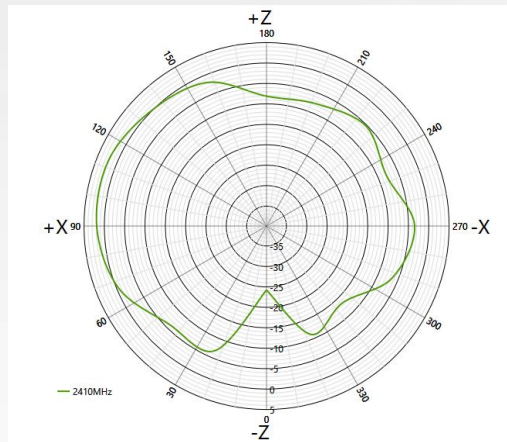
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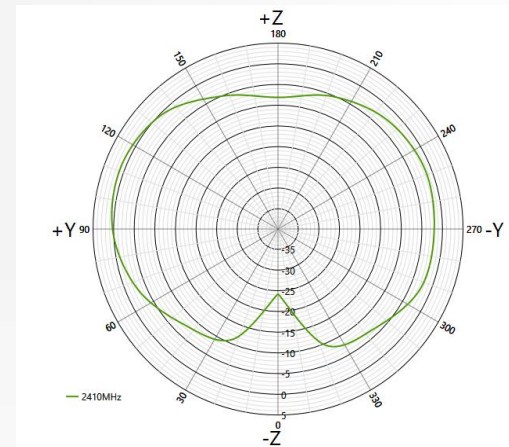
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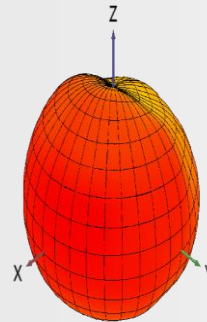
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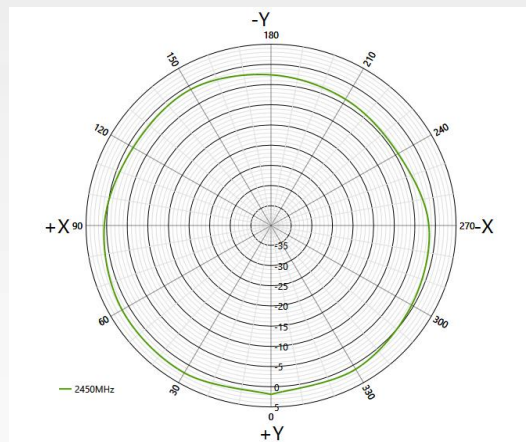
4-2. Radiation Patterns-WiFi-1



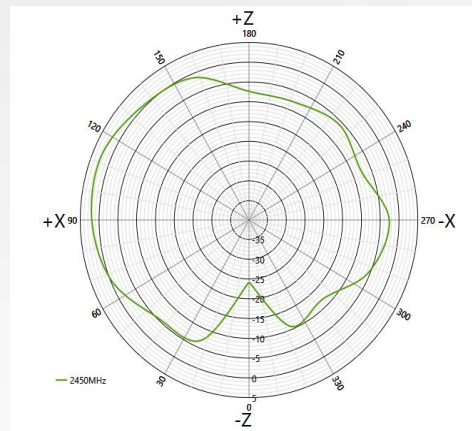
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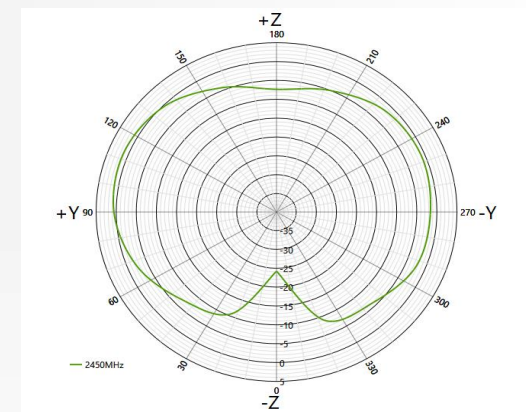
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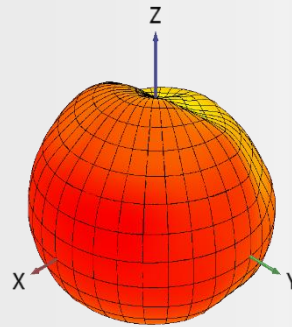
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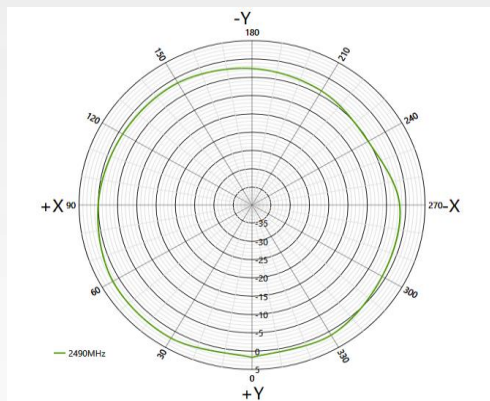
4-3. Radiation Patterns-WiFi-1



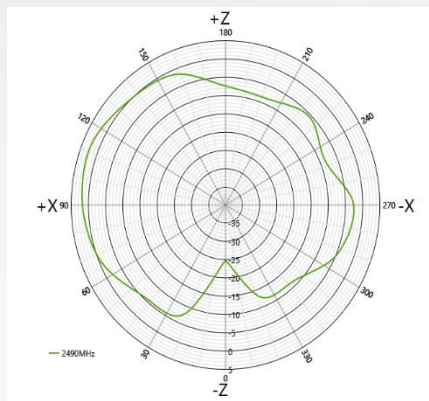
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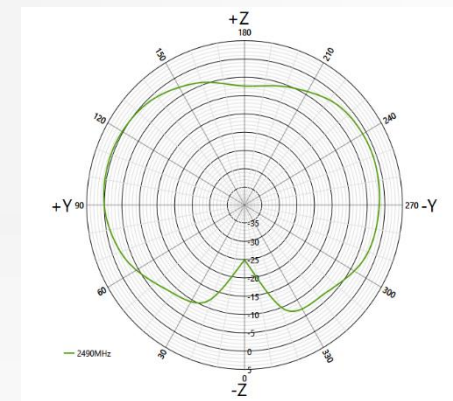
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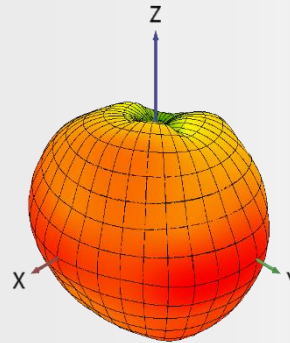
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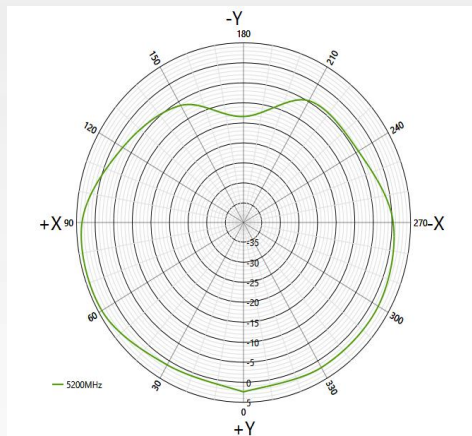
4-4. Radiation Patterns WiFi-1



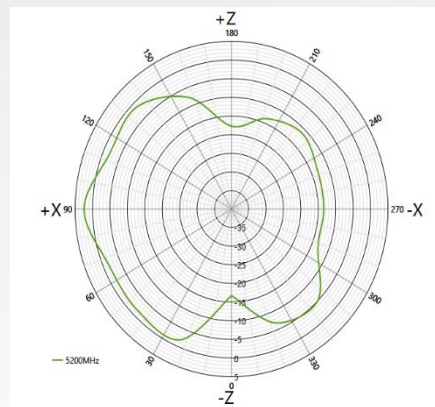
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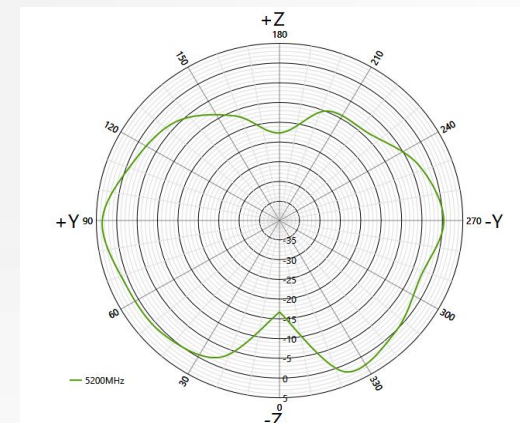
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0 Total(E1 - XZ),



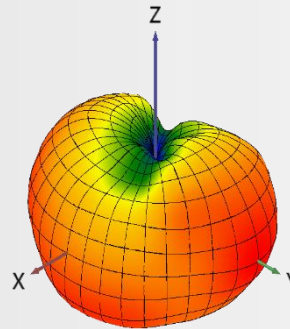
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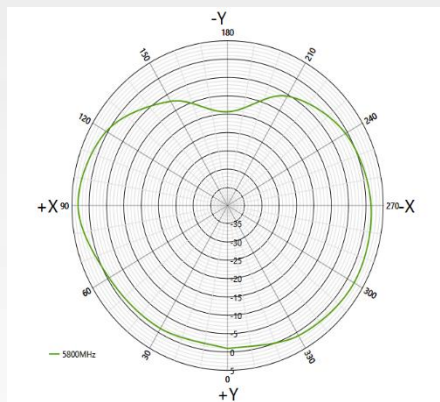
4-5. Radiation Patterns-WiFi-1



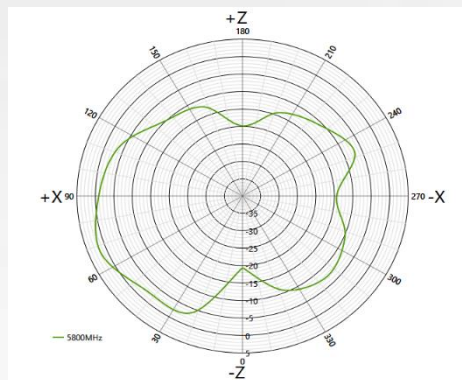
5800MHz



90 Total(H-XY)



0 Total(E1 - XZ),



90 Total(E2 - YZ)

