



X2 海外项目

PN: SZ23056WB56

Features:

- Wide band from 698~6000MHz, support 2G/3G/4G/5G
2.4G and 5.8G WIFI
- 6in1 combine antenna
(6*5G Sub6G and 1 Active GNSS optional)
- High Efficiency and Performance.
- Super small size: 80*70*25 mm
- IP67 support



Applications:

- Application of 5G/4G/3G/2G equipment
- Network Devices
- Security Terminals
- Router/CPE
- Gateways
- Others

Sunnyway Technology

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1. Electrical Specifications

	ANT0	ANT1	ANT2	ANT3	ANT4	ANT5
Polarization mode	Linear	Linear	Linear	Linear	Linear	Linear
Radiation pattern	Omni-Directional	Omni-Directional	Omni-Directional	Omni-Directional	Omni-Directional	Omni-Directional
Output impedance (Ω)	50	50	50	50	50	50
Max. Input Power(W)	5	5	5	5	5	5
Output impedance (Ω)	50	50	50	50	50	50
Max. Input Power(W)	5	5	5	5	5	5

2. Mechanical and Environmental Specification

Mounting Type	Connector Mount
Connector Type	SMA-J/RP-SMA-J
Antenna size(mm)	80*70*25
Material	ABS
Operating Temperature (°C)	- 40 °C ~ + 85 °C
Storage Temperature(°C)	- 40 °C ~ + 85 °C



3. Antenna parameters

3.1 General Data

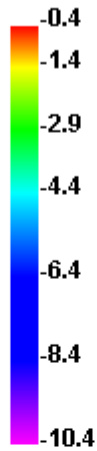
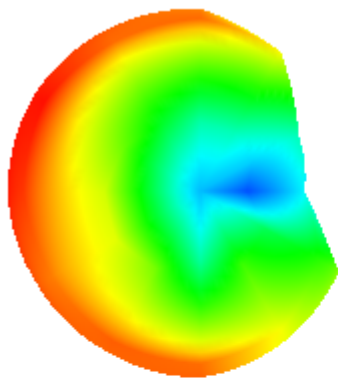
2/3/4/5G/WiFi Antenna

Frequency (MHz)	LTE700	GSM850/900	5G NR Band 74, 75, 76	DCS PCS	WCDMA1	LTE2600 WIFI2450	LTE2600	5G NR Band 77, 78, 79	LTE5200/ WiFi5800	
	698 ~806	824 ~960	1427 ~1518	1710 ~1990	2170	2450	2690	3300 ~5000	5150 ~5925	
Max. Peak Gain (dBi)										
ANT0	250mm	1.85	0.26	×	0.86	3.14	1.35	0.45	×	×
ANT1	250mm	0.08	0.84	×	1.90	-0.57	1.14	0.83	3.59	2.55
ANT2	250mm	×	×	1.7	-1.17	-2.72	2.09	1.2	4.87	-0.56
ANT3	250mm	×	×	1.44	-0.93	-0.55	2.14	1.48	2.6	-0.42
ANT4	250mm	×	×	×	3.47	0.3	2.21	1.29	4.13	-1.94
ANT5	250mm	×	×	×	1.74	-4.27	2.25	-3.58	1.9	2.55

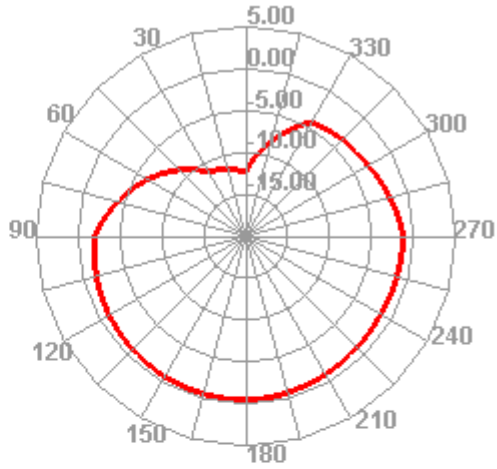
3.2 Efficiency

ANT0

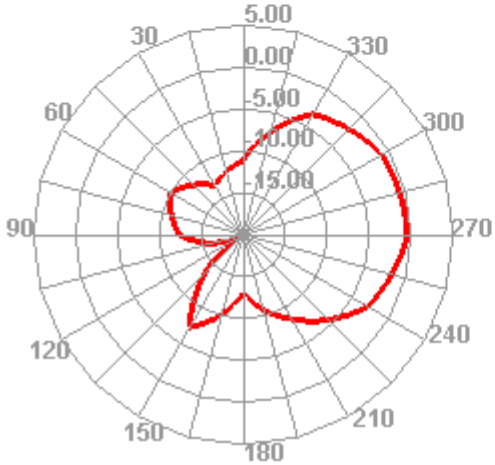
710.000MHz



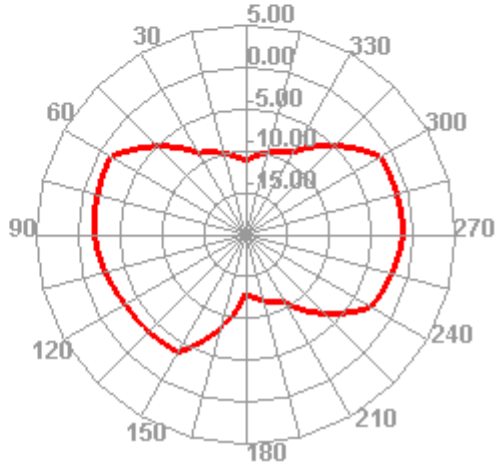
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710.000MHz E1

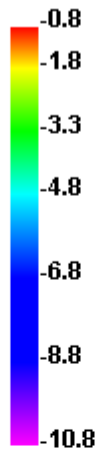
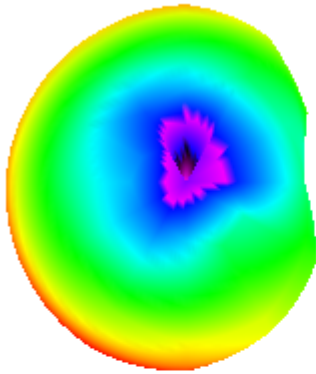


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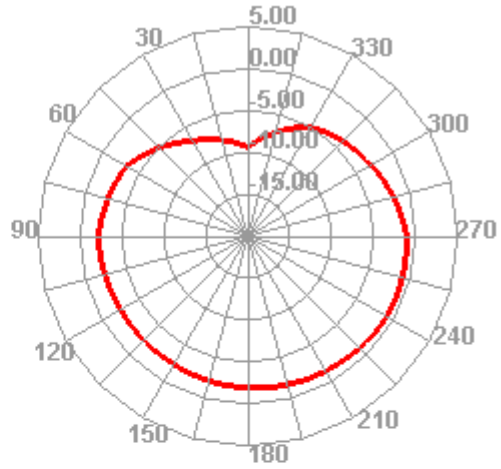




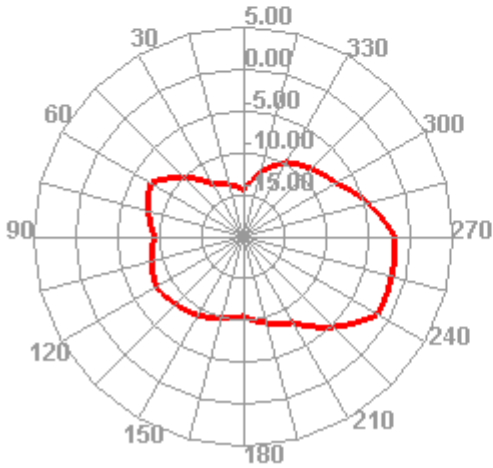
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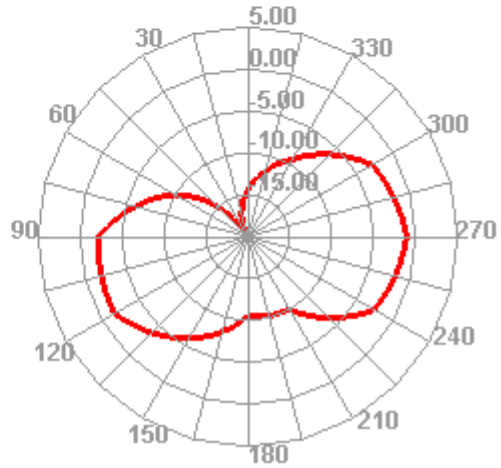
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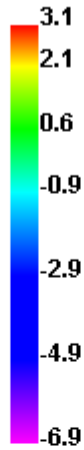
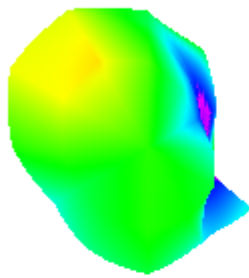
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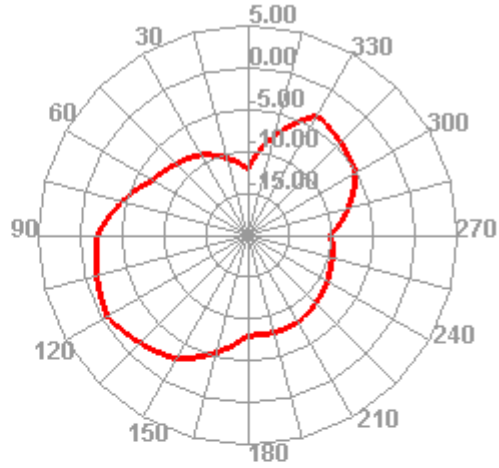
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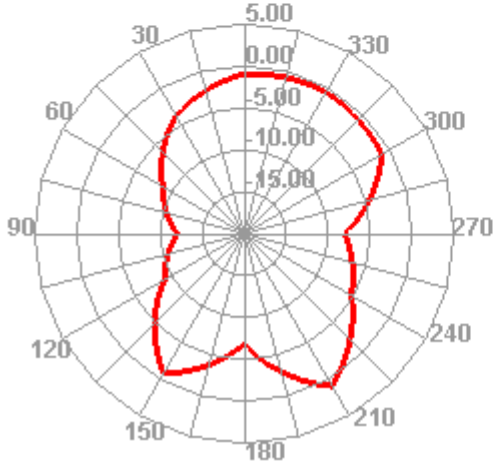
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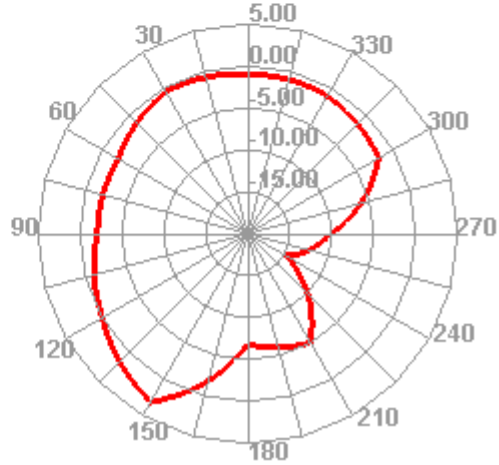
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2180.000MHz E1

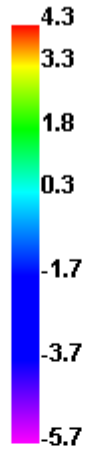
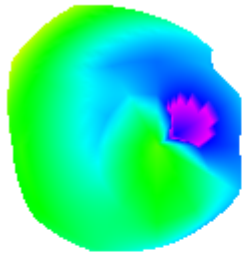


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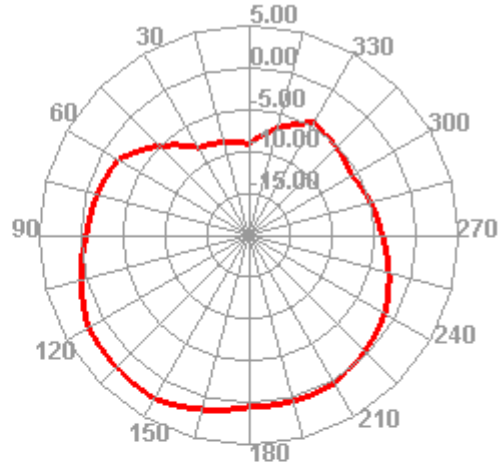




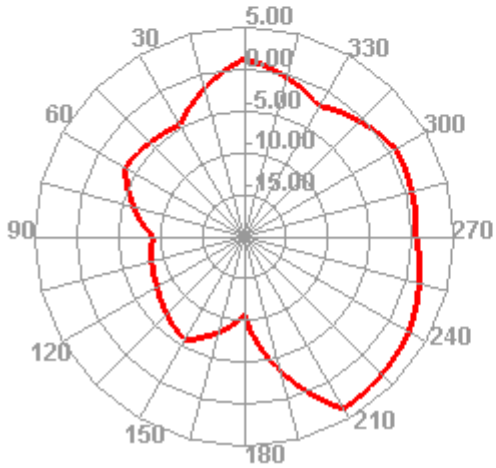
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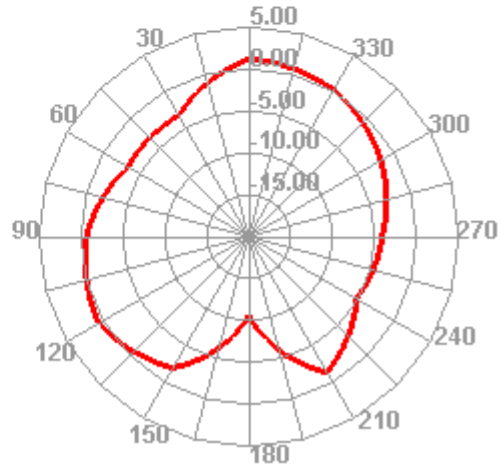
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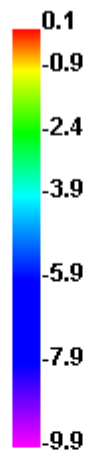
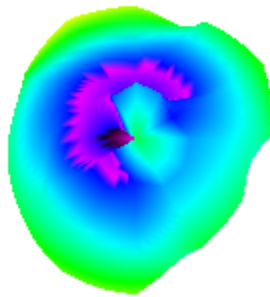


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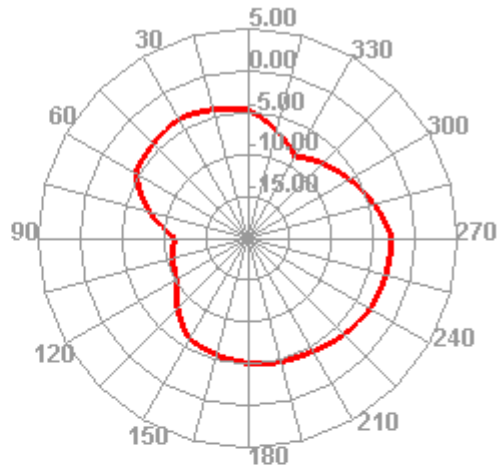


ANT1

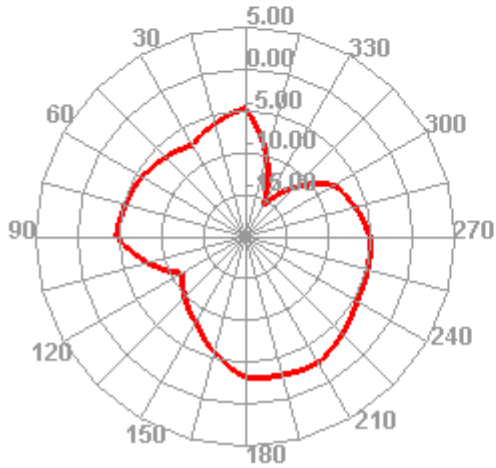
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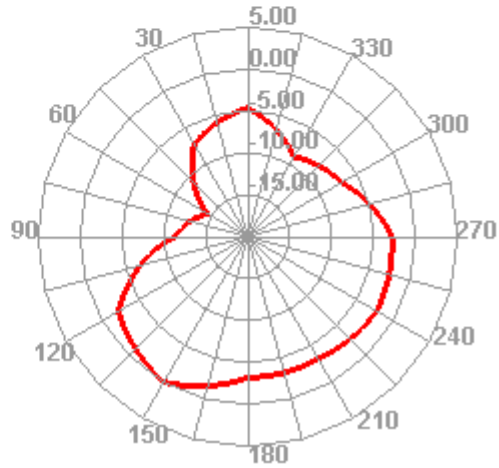
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710.000MHz E1

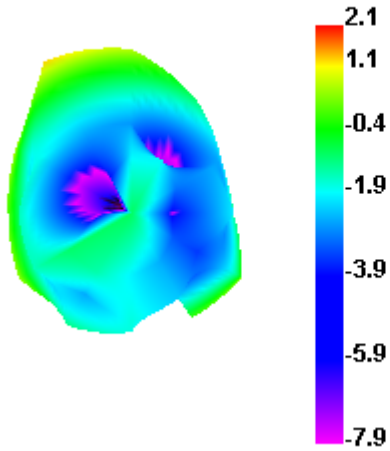


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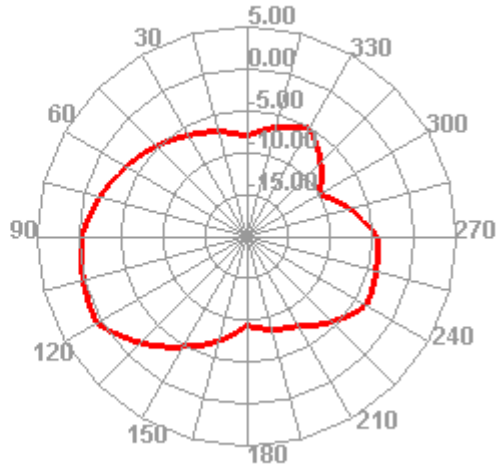




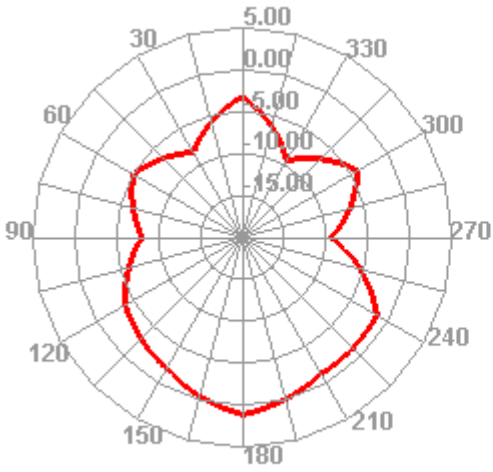
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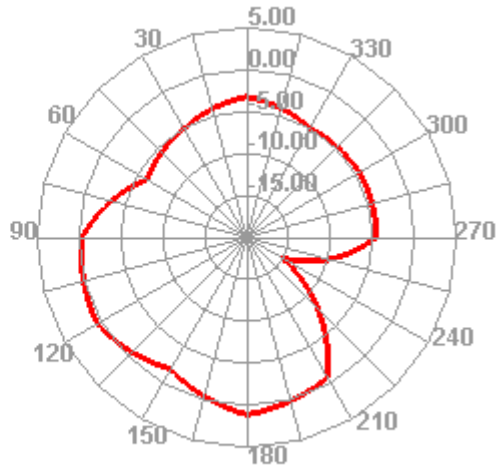
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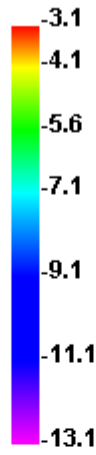
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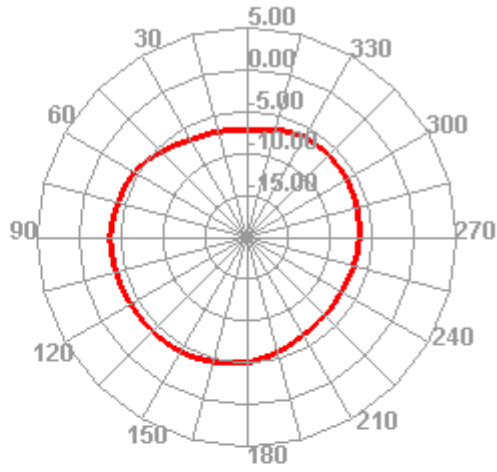
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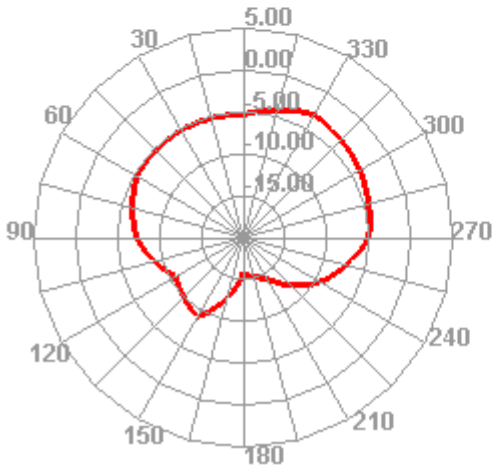
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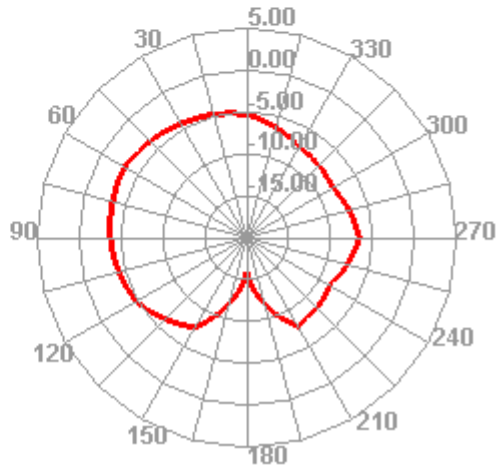
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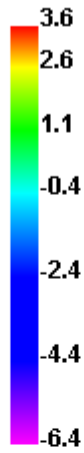
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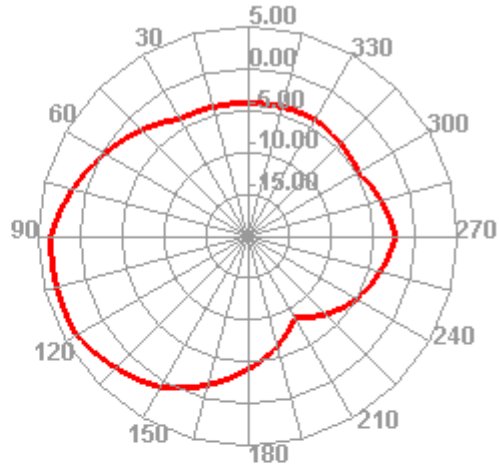
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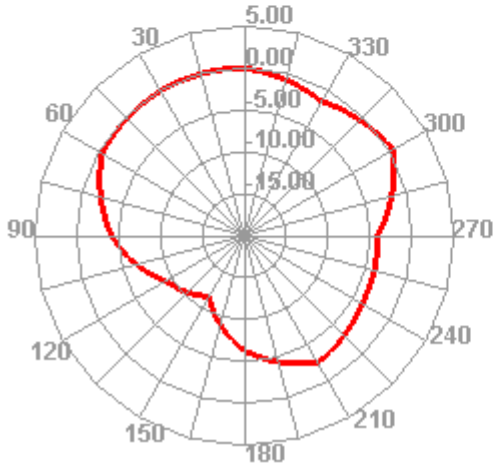
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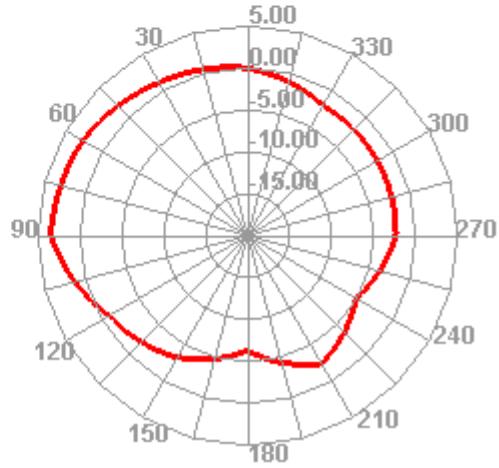
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3300.000MHz E1

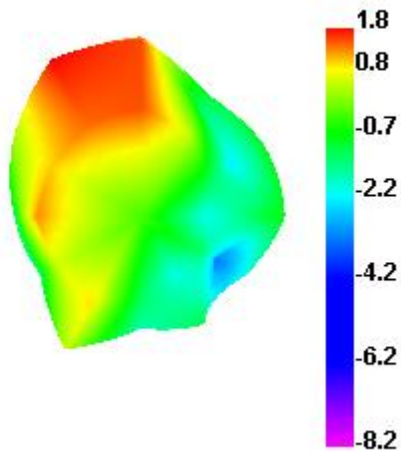


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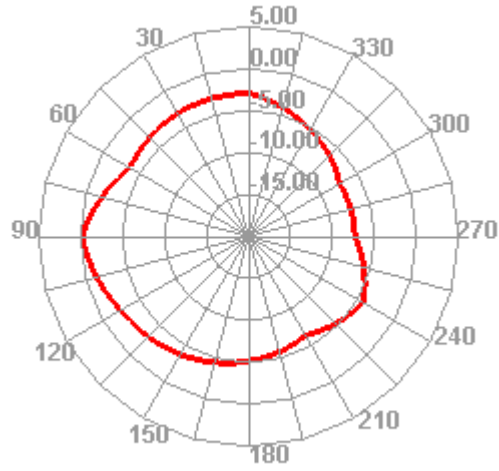




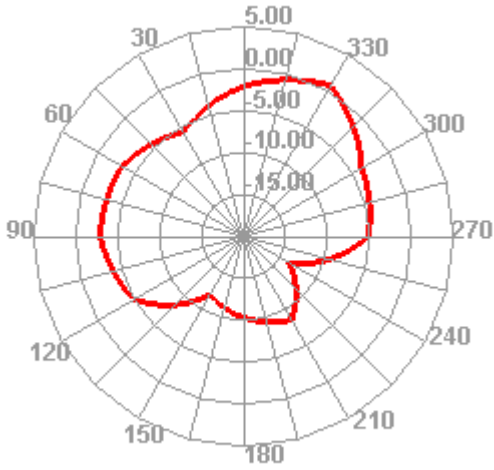
5850.000MHz



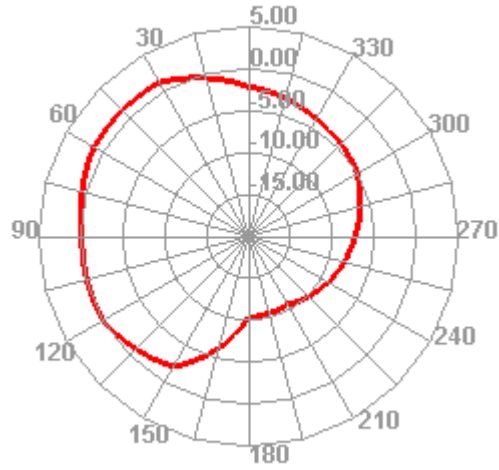
5850.000MHz H



5850.000MHz E1

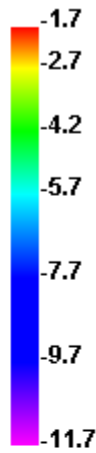
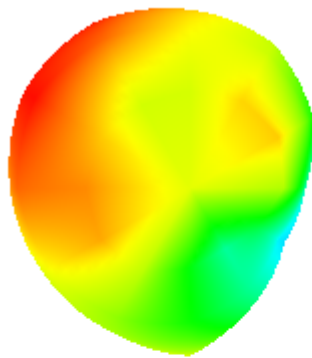


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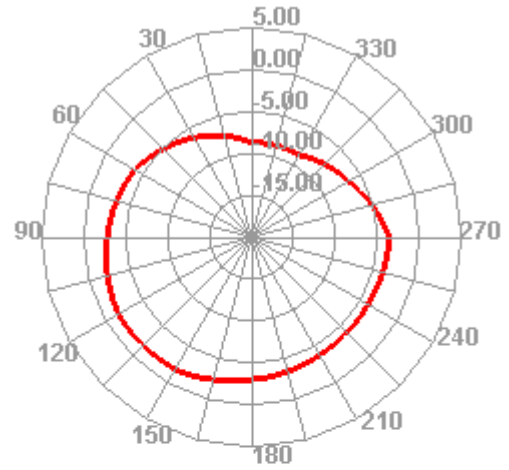


ANT2

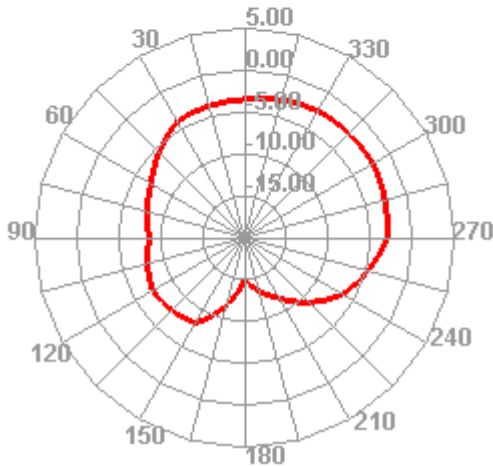
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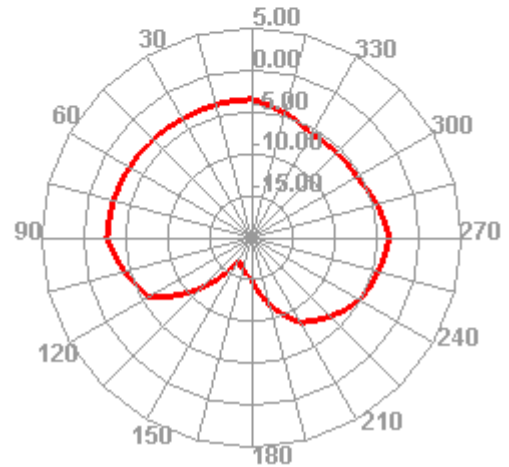
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2180.000MHz E1

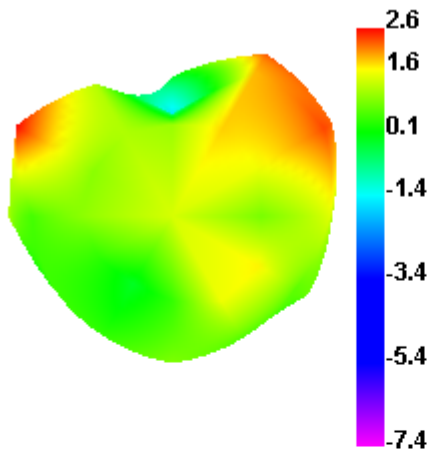


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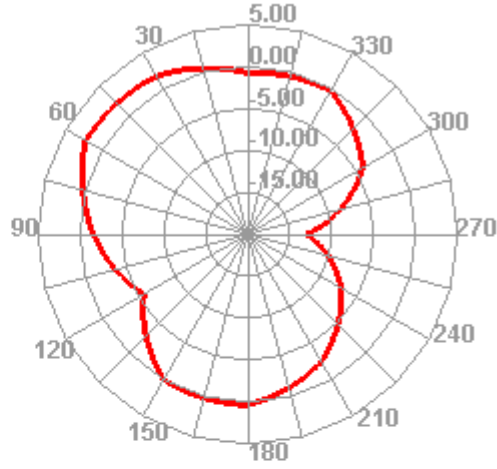




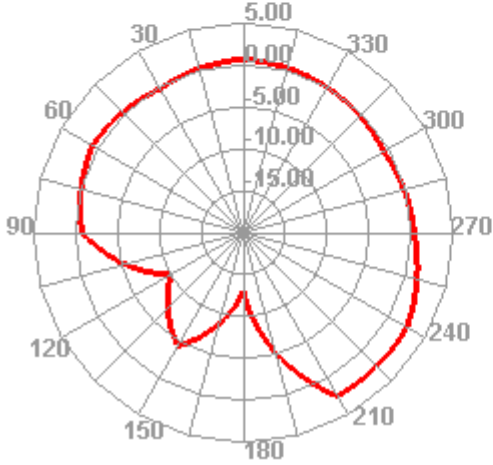
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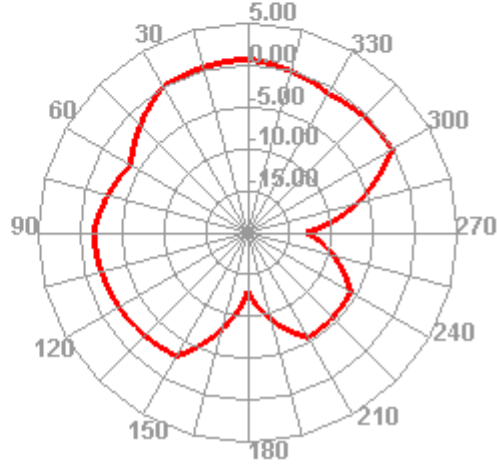
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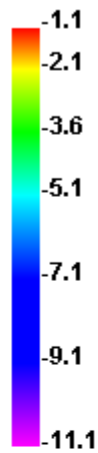


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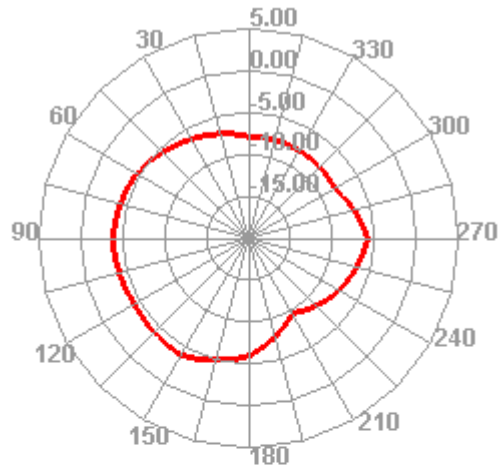


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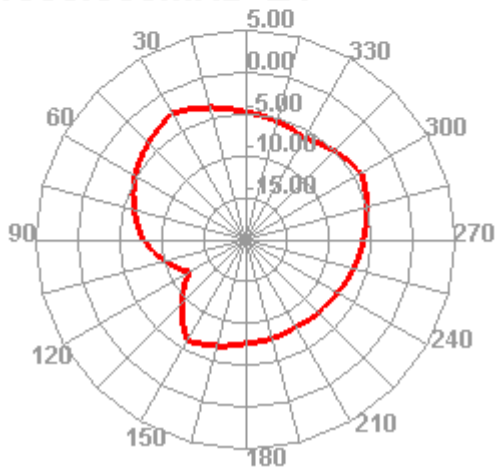
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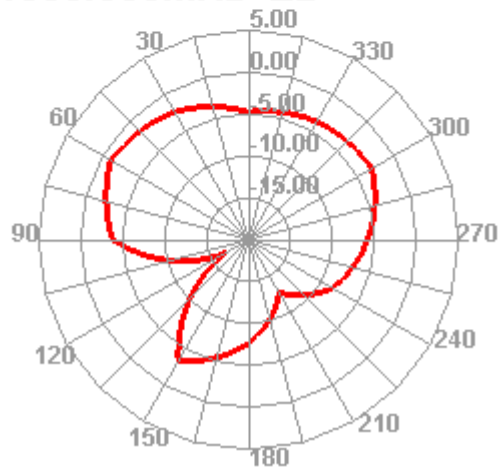
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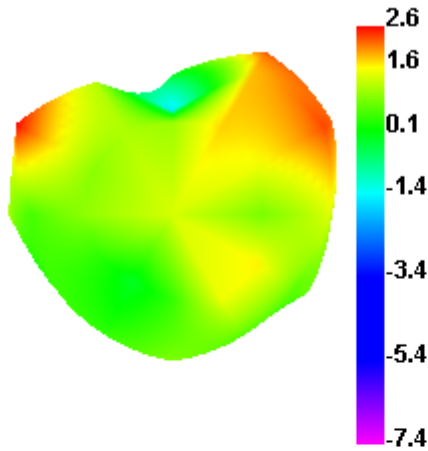


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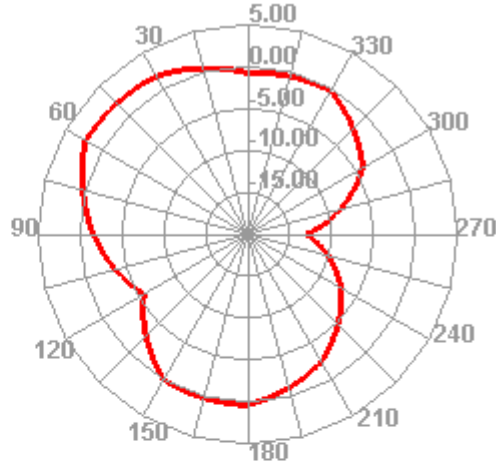




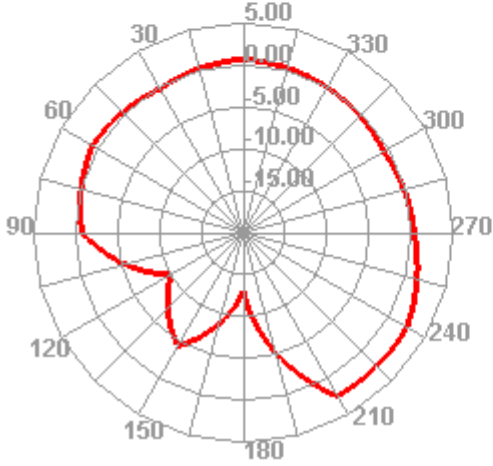
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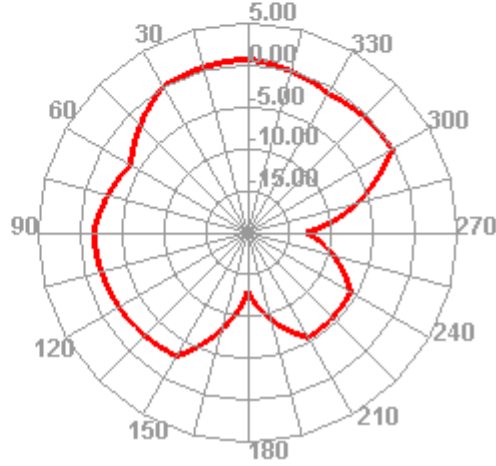
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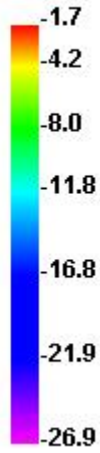
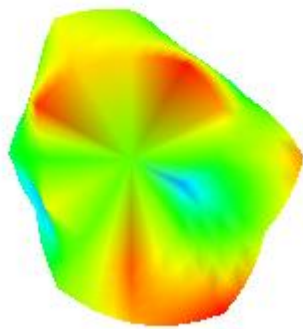


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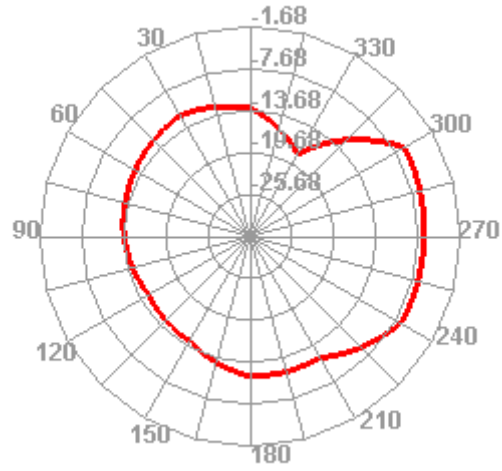




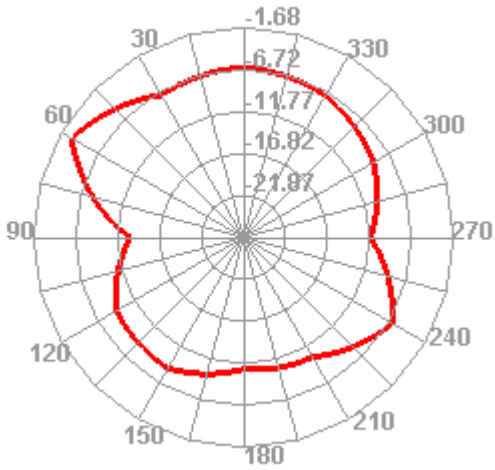
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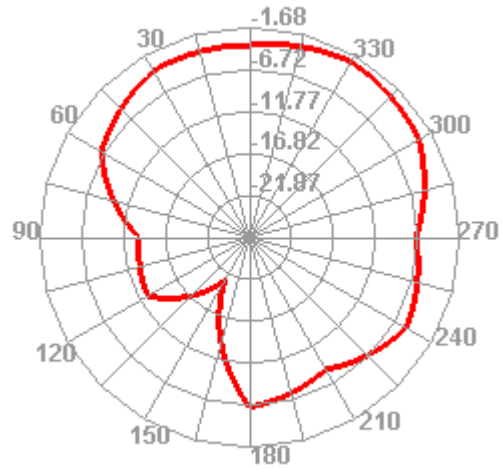
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5850.000MHz E1

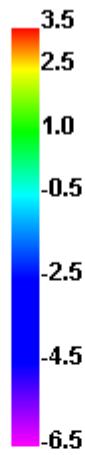
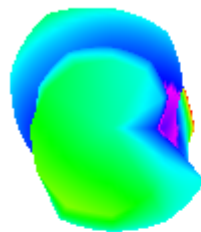


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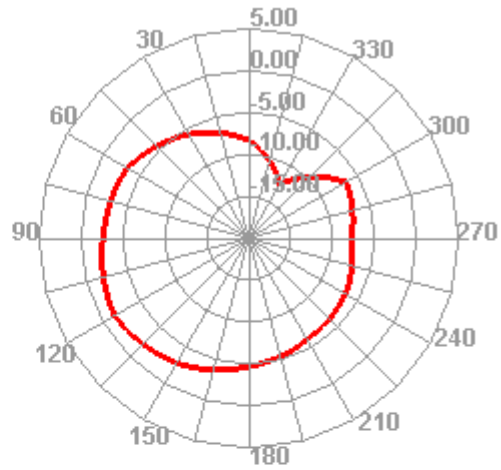


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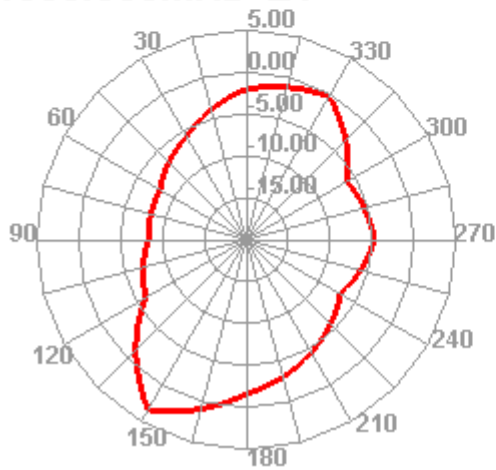
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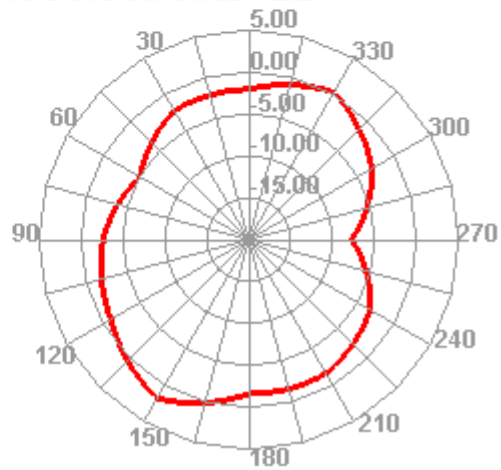
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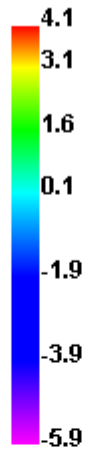
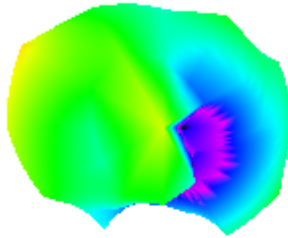
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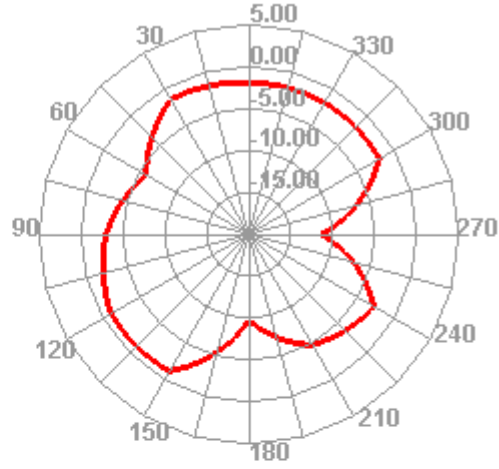
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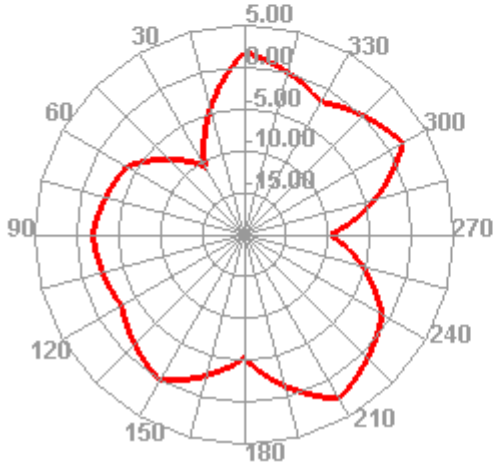
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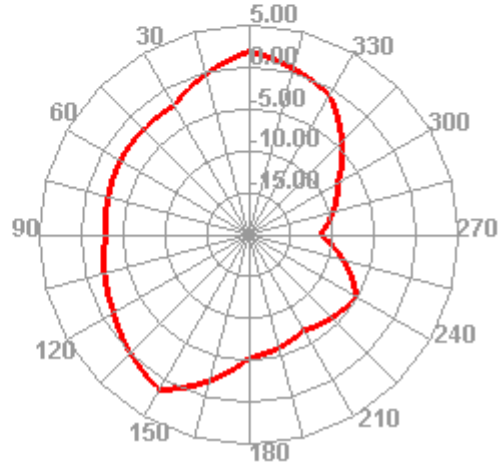
3300.000MHz H



3300.000MHz E1

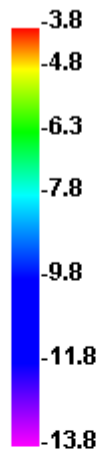
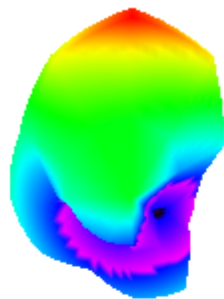


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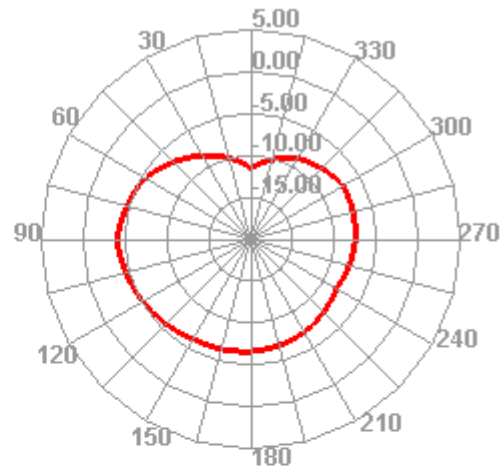


ANT5

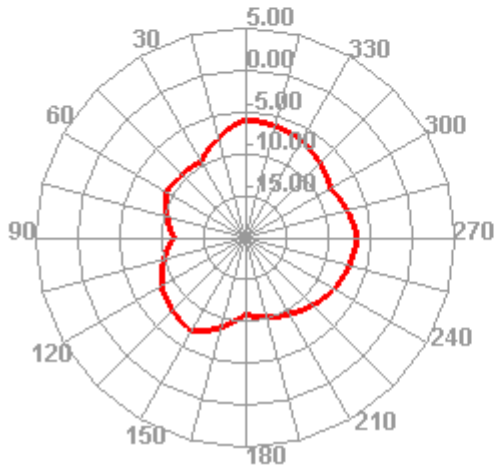
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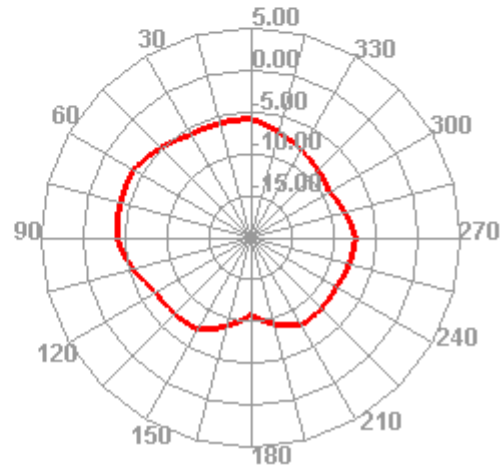
1880.000MHz H



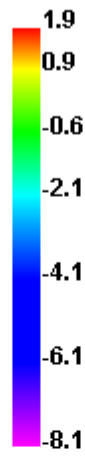
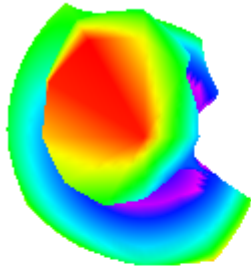
1880.000MHz E1



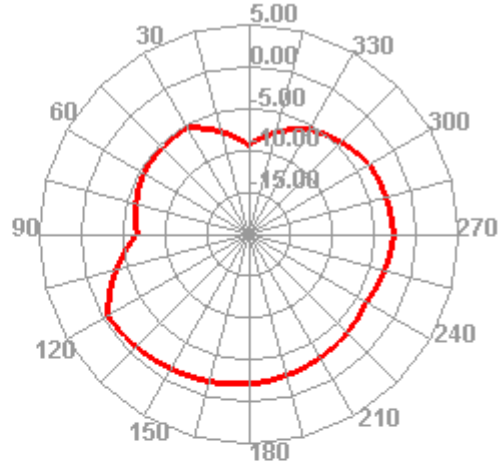
1880.000MHz E2



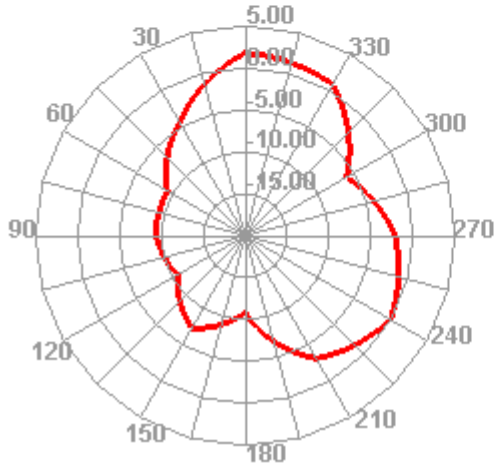
3300.000MHz



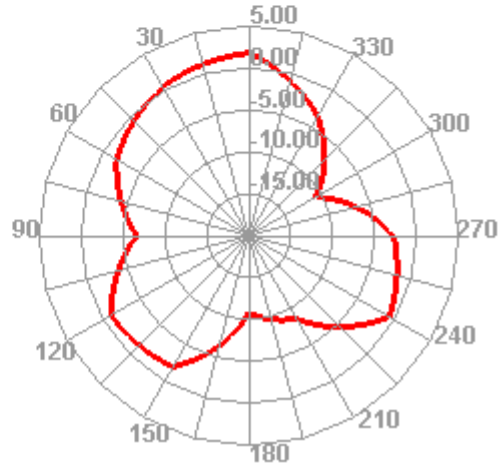
3300.000MHz H



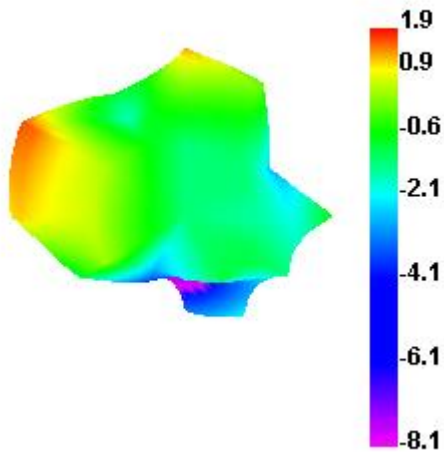
3300.000MHz E1



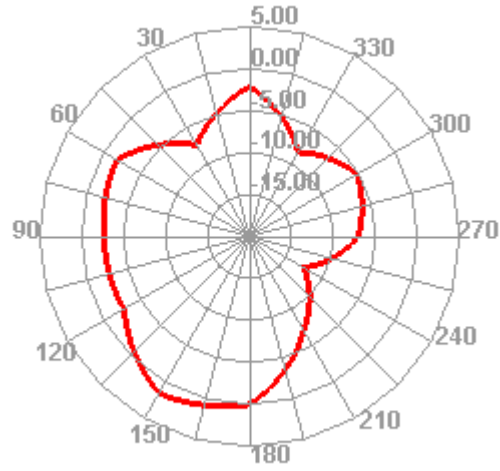
3300.000MHz E2



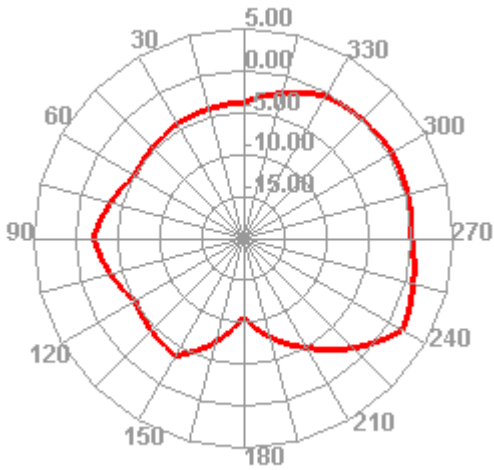
5850.000MHz



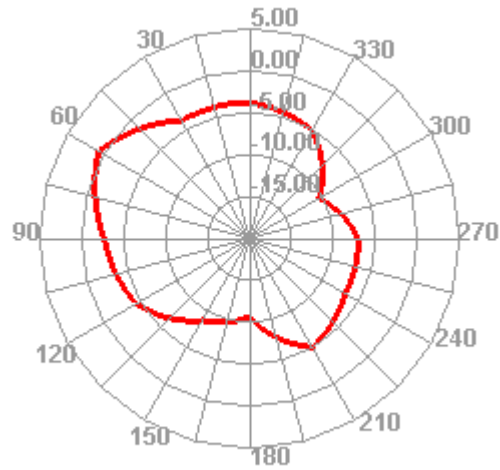
5850.000MHz H



5850.000MHz E1

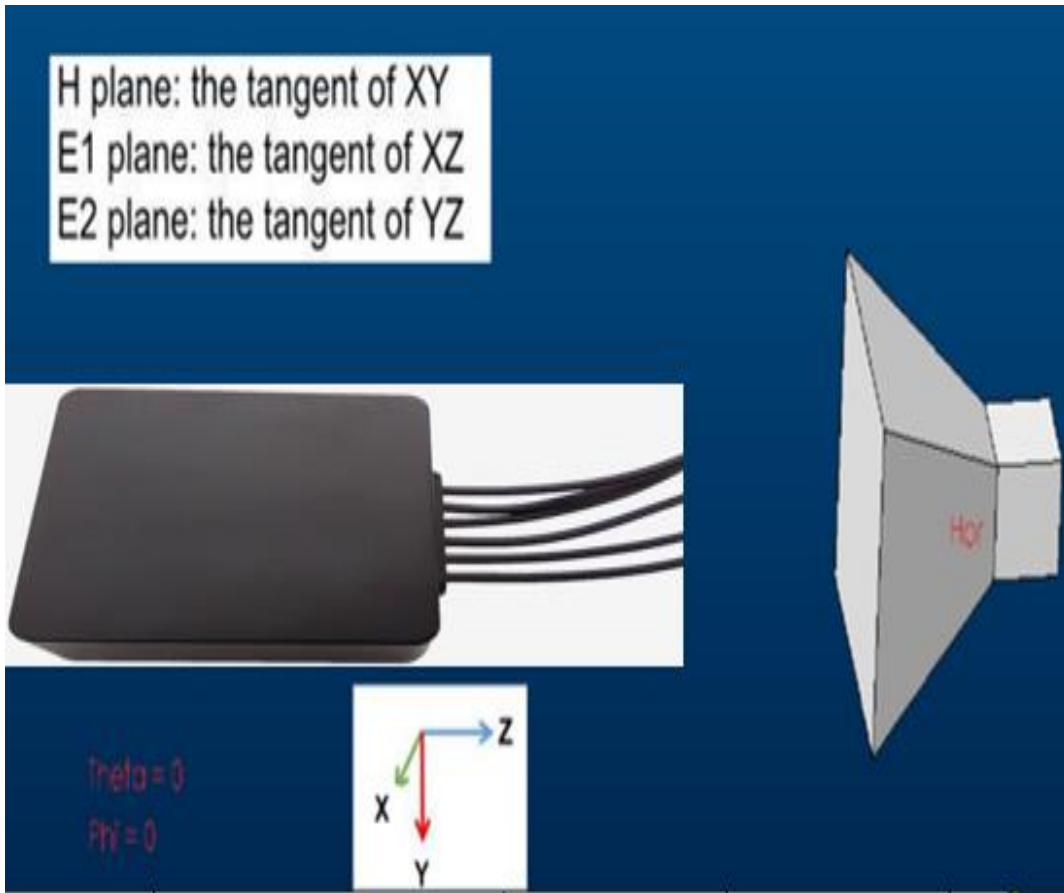


5850.000MHz E2



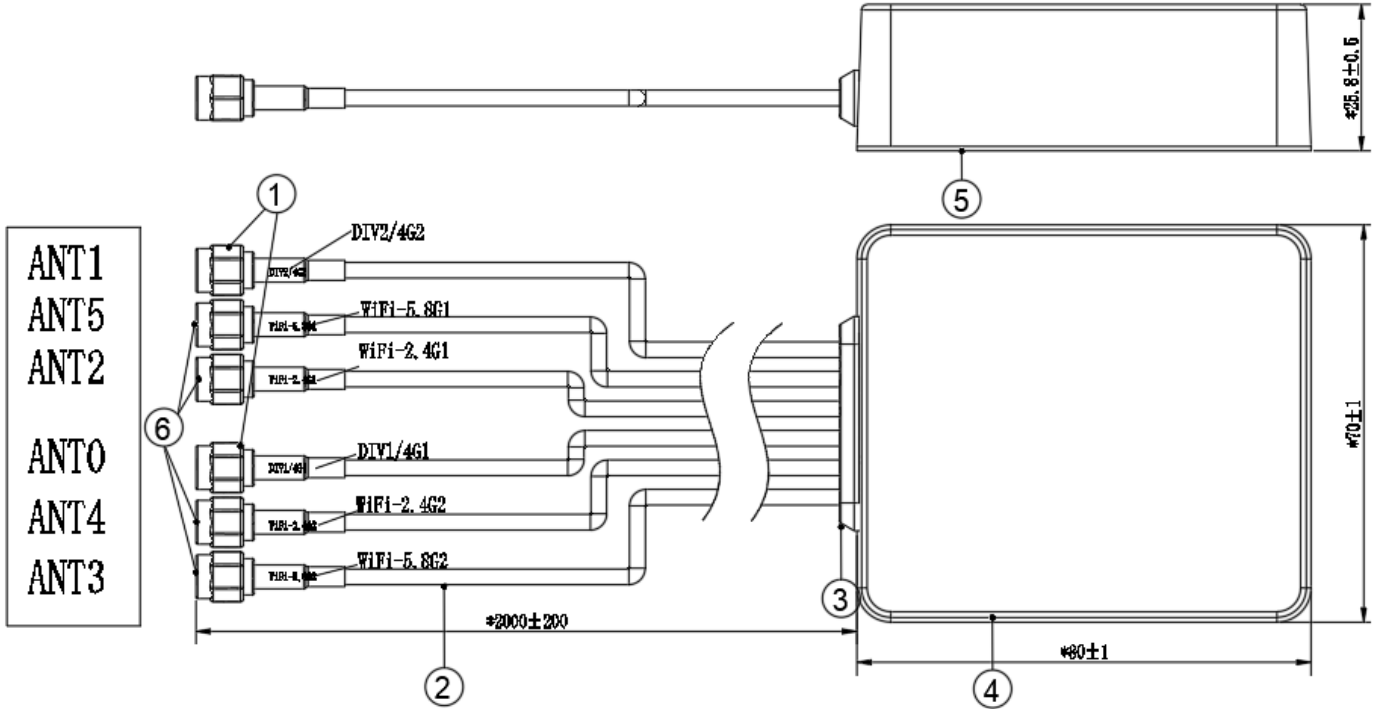


3.3 Directional pattern





4. Antenna Drawing



6	SMA	RP-SMA-J	golden	4
5	Adhesive	Double Sided Adhesive Black Foam	black	1
4	housing	AMS+PC	black	1
3	Plug	silica gel	black	1
2	RF line	RG174	black	6
1	SMA	SMA-J	golden	2
serise	name	Specification	colour	Quantity