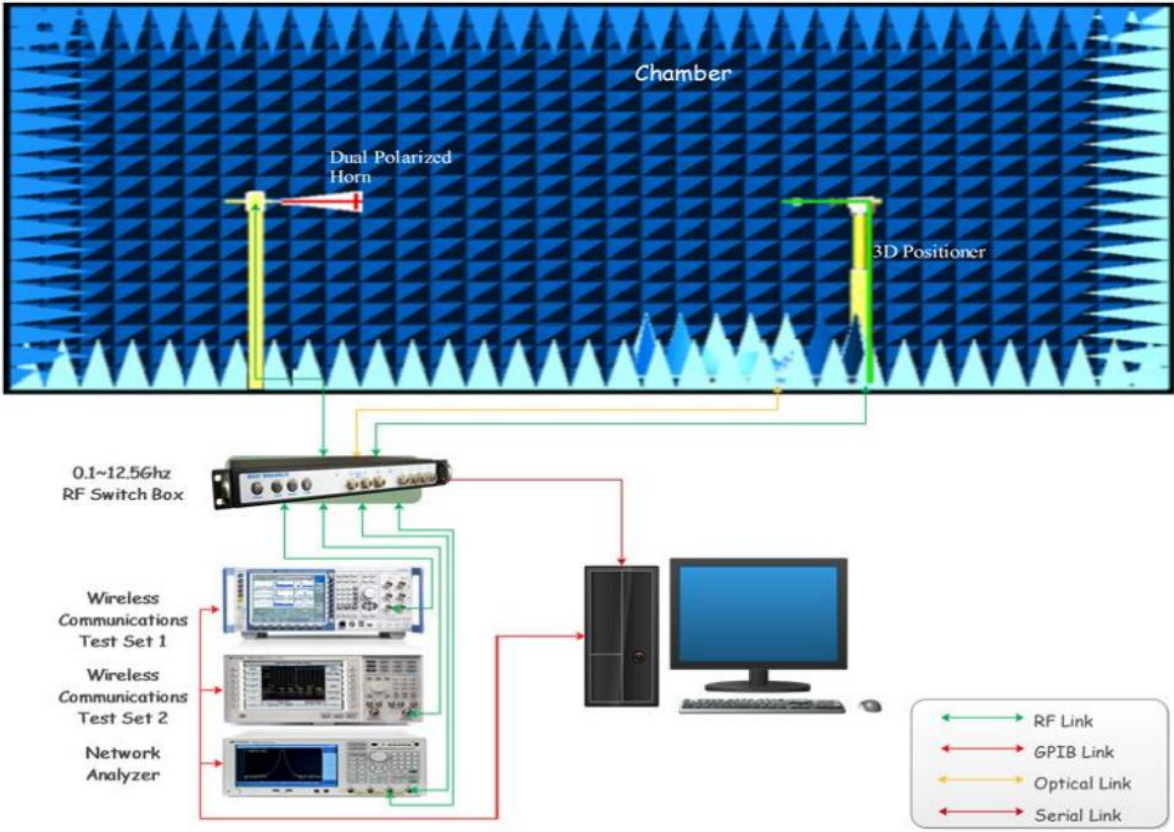


KS806H antenna report

Test Address	Shenzhen3Good Wireless Communications CO.,LTD Room501,Jinfulai Building,No.49- 1,Dabao Road,Baoan District,Shenzhen
Test Date	August 12, 2025
TestInstrument	vector network analyzer -Agilent Technologies E5071B

Iption Measurement procedure



Antenna information:

Customer	Boat of wealth
Antenna Model	FPC
Antenna Type	PIFA

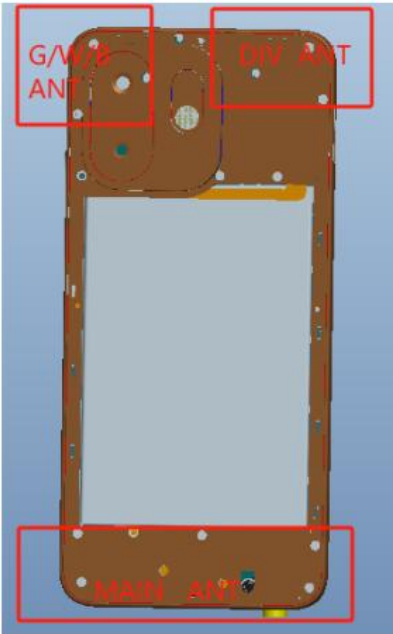
Matching circuits:

主天线 ANT0-KS806(G/H/I)配置3			
小板开关逻辑	位号	匹配值	配置频段
小板开关配置	L505	12PF	GSM- 900+WCDMA-B8+LTE-B8(TX&RX)
RF1	L502	4.7NH	+W-B1/B2/B4+LTE-B1/B2/B3/B4/B7/B66/B38/B40/B41 (RX)
RF2	L504	15NH	GSM850+W-B5+LTE-B5/ B26(TX&RX)
RF3	L503	NC	LTE-B12/B17/B28AB(TX&RX)
RF4	L503	NC	
小板主路匹配	C514	22PF	
	L501	NC	
	C513	22PF	
	C508	18NH	
	R501/R508	0欧	
	C504	NC	
分集天线ANT1			
主板开关逻辑	位号	匹配值	配置频段
主板开关配置			GSM-1800/1900+WCDMA-B1/B2/B4+LTE-B1/B2/B3/B4/B7/B66/B38/B40/B41(TX&RX)
分集主路匹配	L0830	47PF	
	L0831	47PF	
	L0839	10NH	
	R0807	0欧	
	C0842	1PF	
三合一天线ANT2			
	位号	匹配值	
三合一主路匹配	C7215	NC	
	R7200	0欧	
	C7218	NC	

Passive performance figure:

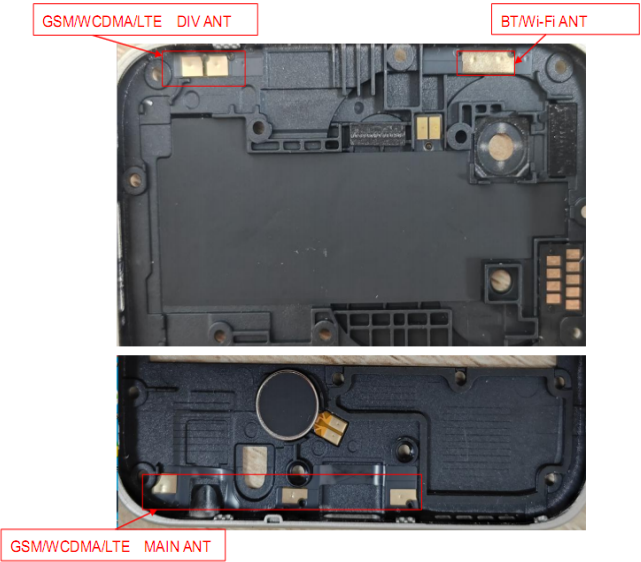
Frequency(MHZ)	699~960	1710~2690	
VSWR	<3.5	<3.5	

Antenna position picture



DIV antenna(antenna Label:B)
LTE B1/B2/B3/B4/B7/B66/B38/B40/B41(TX&RX)
WCDMA -B1/B2/B4(TX&RX)
GSM-B2/B3(TX&RX)

Main antenna(antenna Label:A)
LTE- B5/B8/B12/B17/B20/B26/B28AB(TX&RX)
WCDMA -B5/B8(TX&RX)
GSM-B5/B8(TX&RX)
G/W/B ANT:
GPS/WiFi/BT



All of Implementation antenna

Main antenna(Antenna Label:A):

LTE B5/B8/B12/B17/B20/B26/B28AB RX&TX

B1/B2/B3/B4/B7/B66/B38/B40/B41RX

WCDMA -B5/B8 RX&TX

B1/B2/B4 RX

GSM -B5/B8 RX&TX

B2/B3 RX

DIV antenna(Antenna Label:B):

LTE B1/B2/B3/B4/B7/B66/B38/B40/B41 RX&TX

WCDMA -B1/B2/B4 RX&TX

GSM B2/B3 RX&TX

WiFi-B/BT 2.4~2.5GHZ/ GPS: 1575.42 MHz ;

Antenna Max. Peak Gain:

EGSM900:-1.76dBi

GSM850:-2.0dBi

PCS1900:0.68dBi

DCS1800:0.63dBi

WCDMA-B1 :0.7 dBi

WCDMA-B2 :0.68 dBi

WCDMA-B4 :0.63 dBi

WCDMA-B5 :-2.0 dBi

WCDMA-B8 :-1.76dBi

LTE-B1 :0.7dBi

LTE-B2 :0.68dBi

LTE-B3 :0.63dBi

LTE-B4 :0.63dBi

LTE-B5 :0.7dBi

LTE-B7 :0.5dBi

LTE-B8 :-1.76 dBi

LTE-B12 :-2.9 dBi

LTE-B17 :-2.9 dBi

LTE-B20 :-2.0 dBi

LTE-B26:-2.0dBi

LTE-B28AB:-2.9dBi

LTE-B38 :0.5 dBi

LTE-B40 :-0.9 dBi

LTE-B41 :0.5dBi

LTE-B66 :0.63dBi

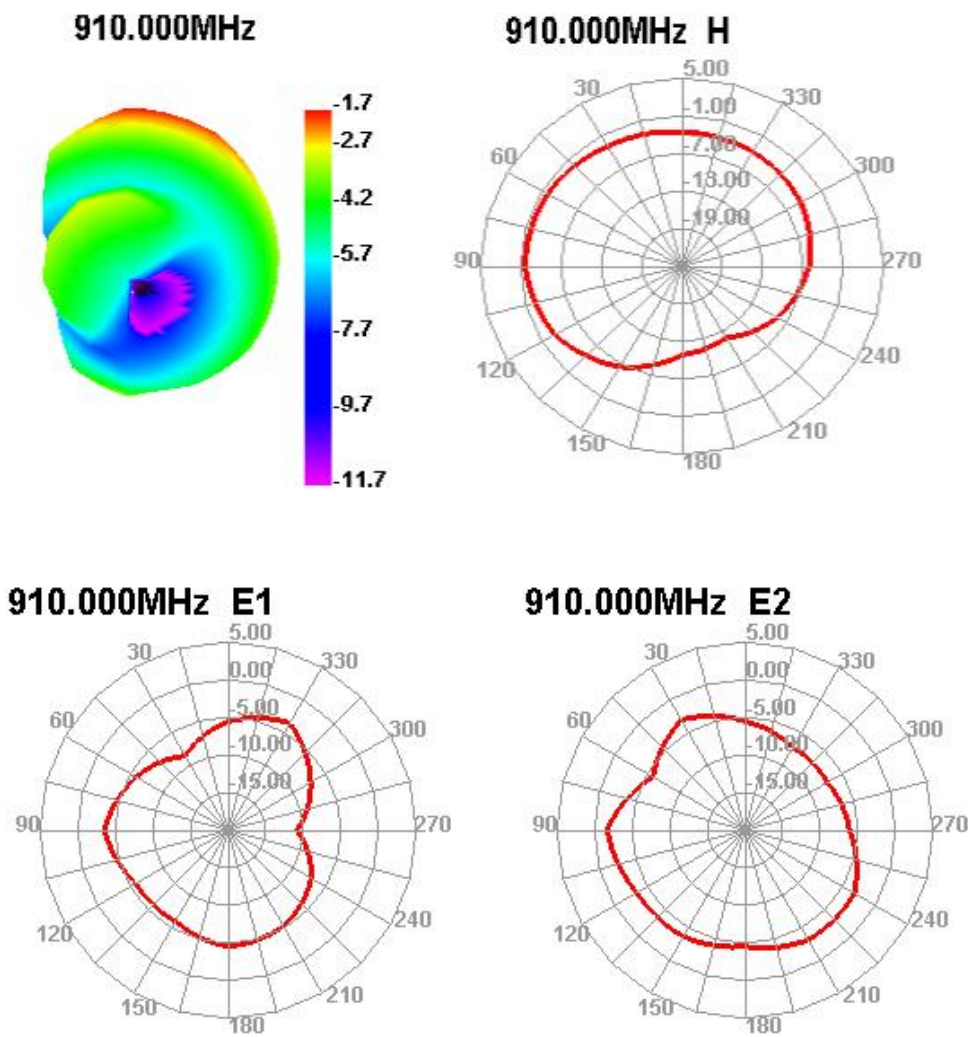
WIFI-B :-0.3dBi

BT :-0.3dBi

3-D Patten Plots

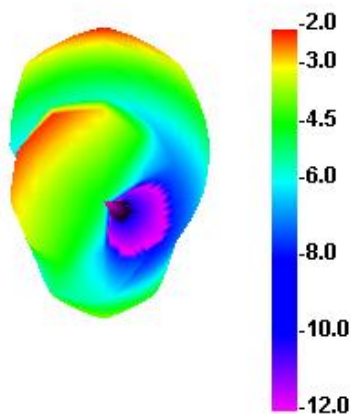
4-Main ant

900MHZ

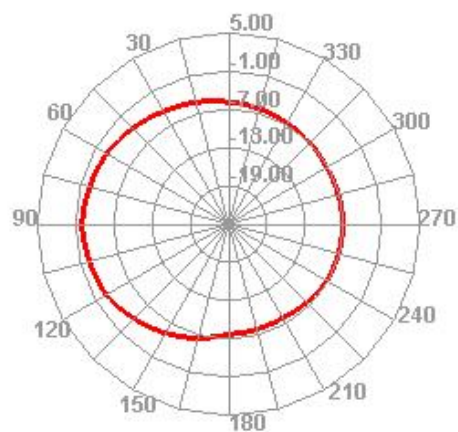


850MHZ

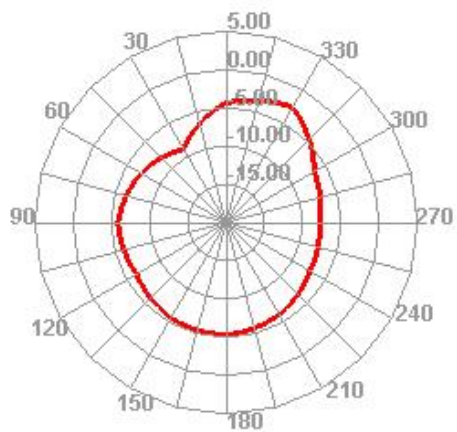
850.000MHz



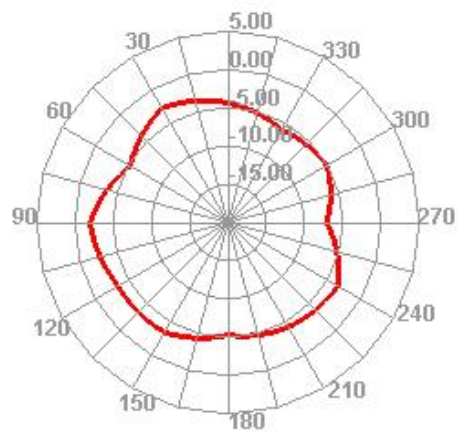
850.000MHz H



850.000MHz E1

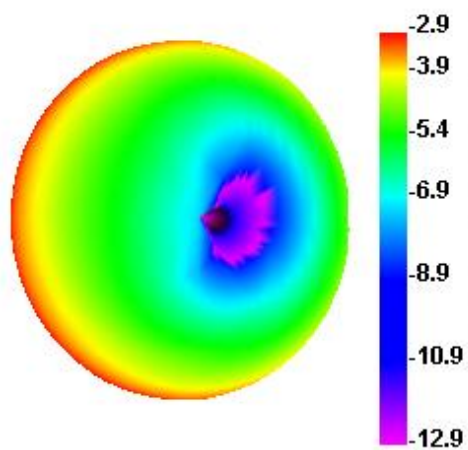


850.000MHz E2

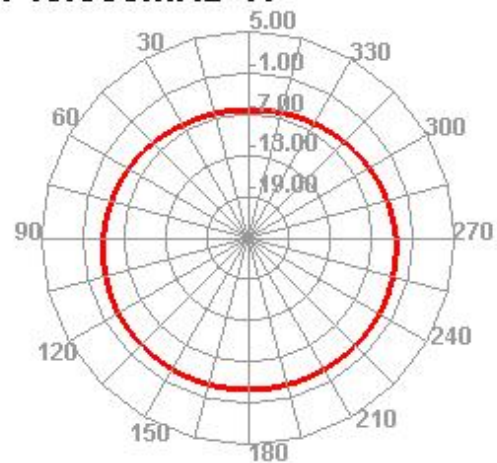


700MHZ

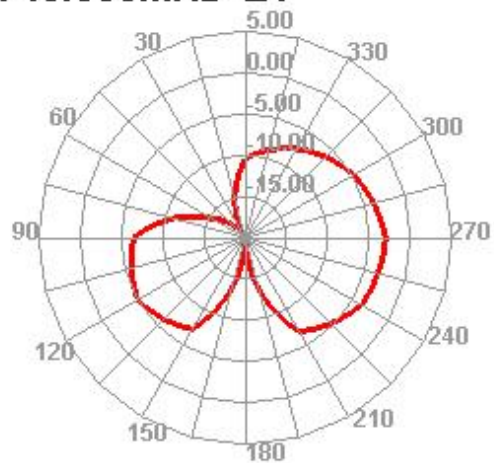
740.000MHz



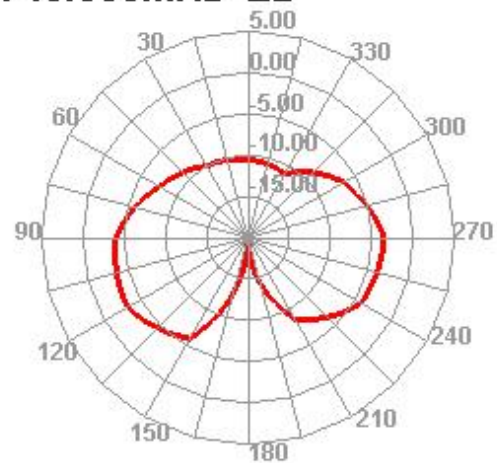
740.000MHz H



740.000MHz E1

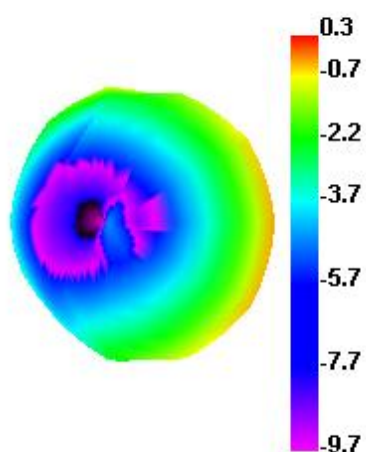


740.000MHz E2

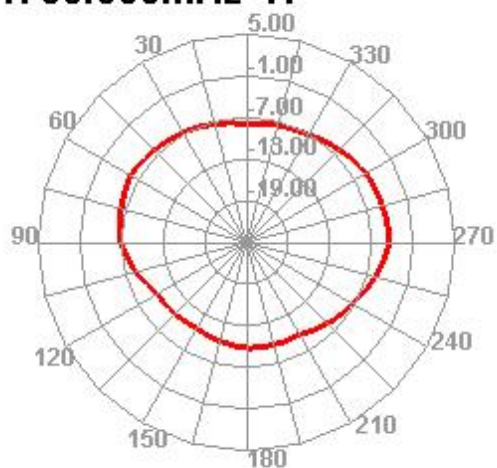


DIV ANT

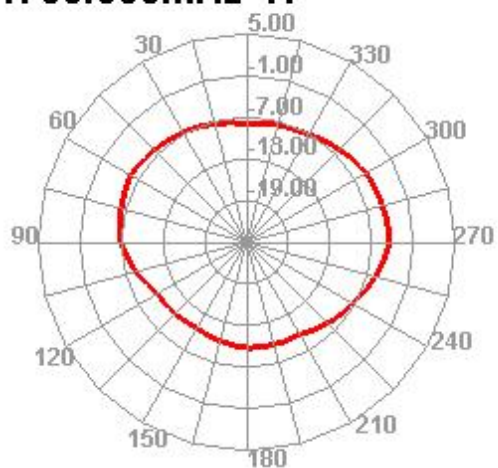
1780.000MHz



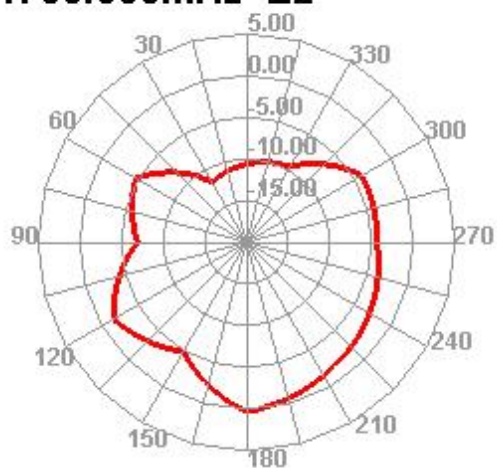
1780.000MHz H



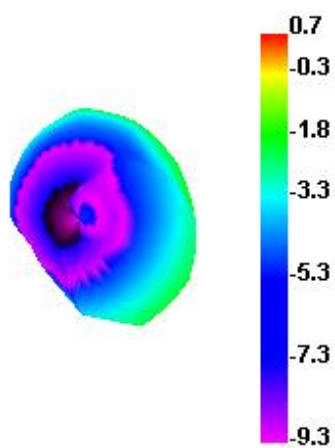
1780.000MHz H



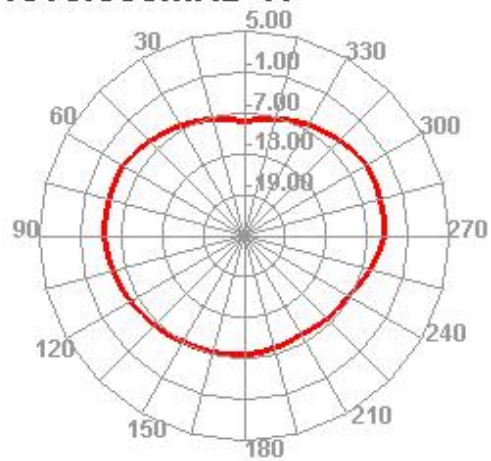
1780.000MHz E2



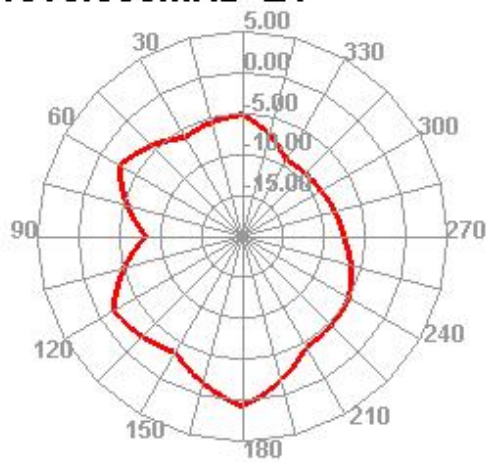
1860.000MHz



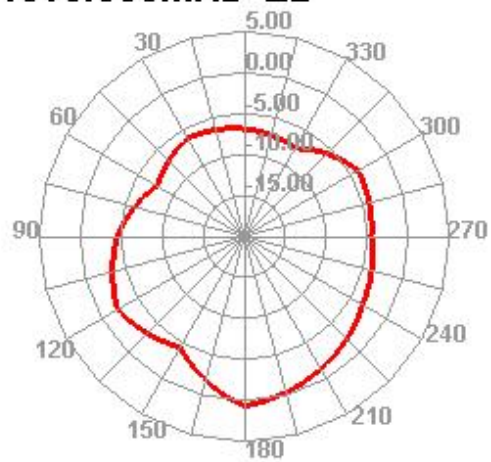
1860.000MHz H



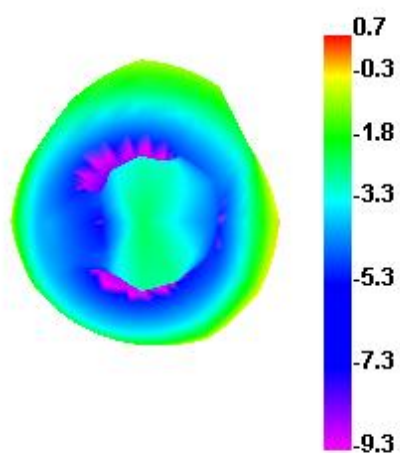
1860.000MHz E1



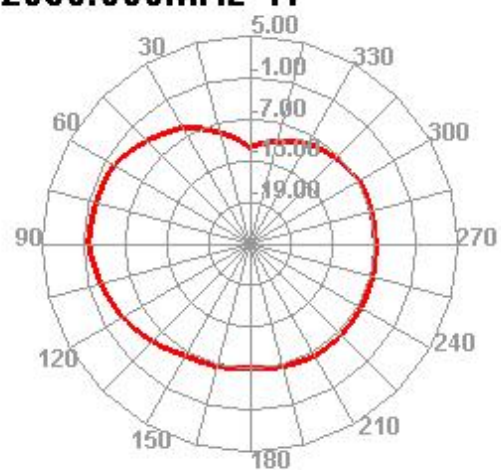
1860.000MHz E2



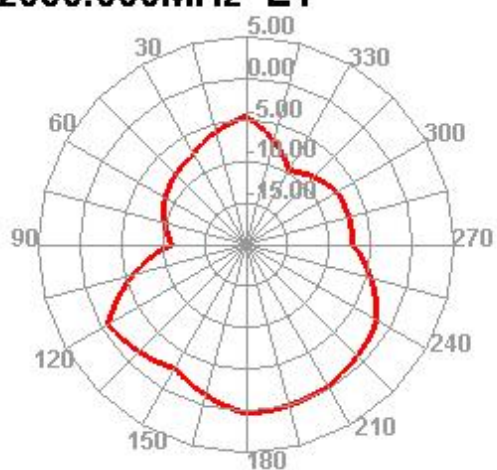
2050.000MHz



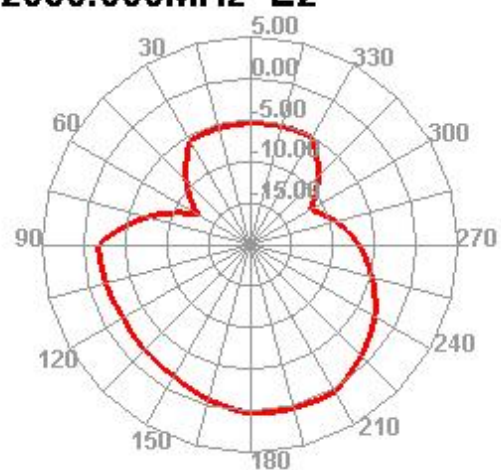
2050.000MHz H



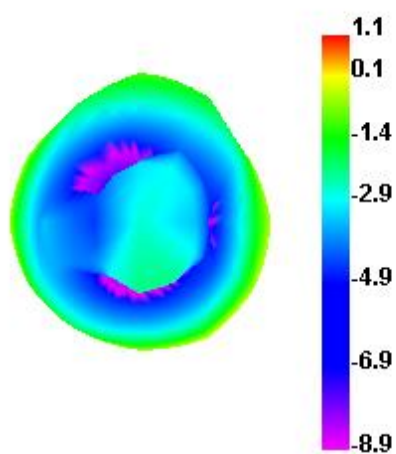
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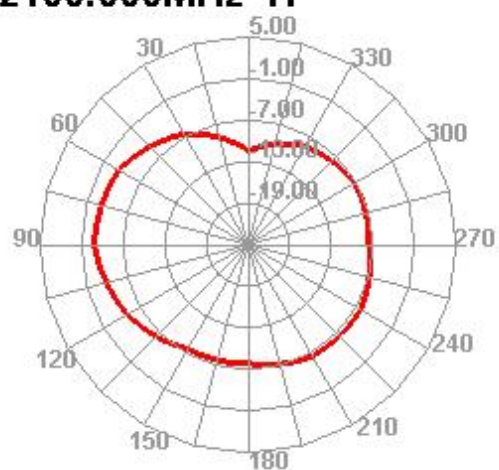
2050.000MHz E2



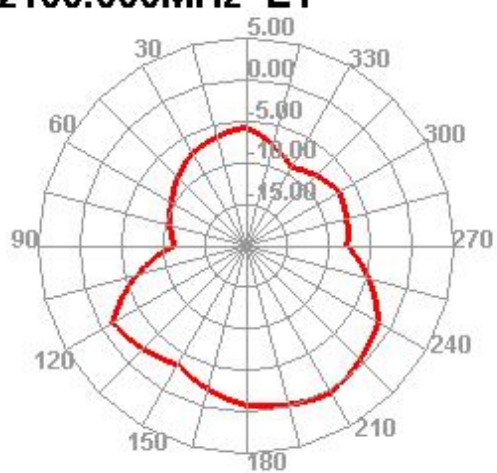
2100.000MHz



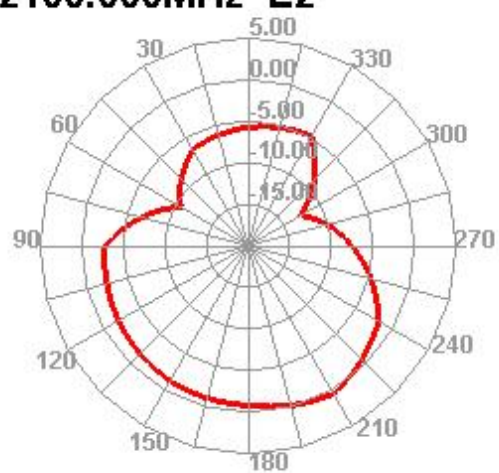
2100.000MHz H



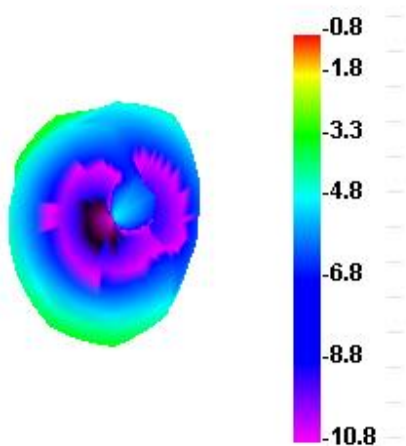
2100.000MHz E1



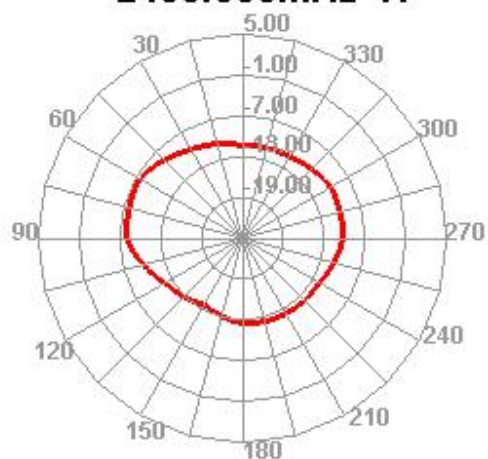
2100.000MHz E2



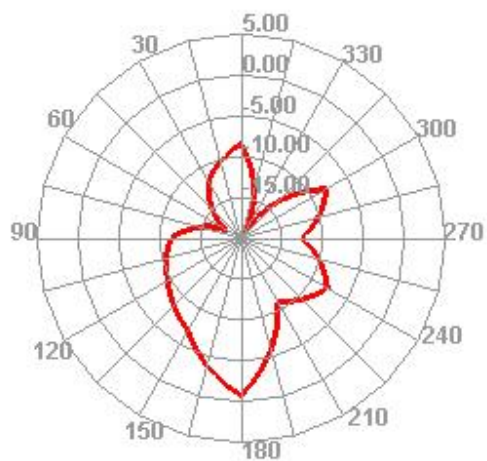
2400.000MHz



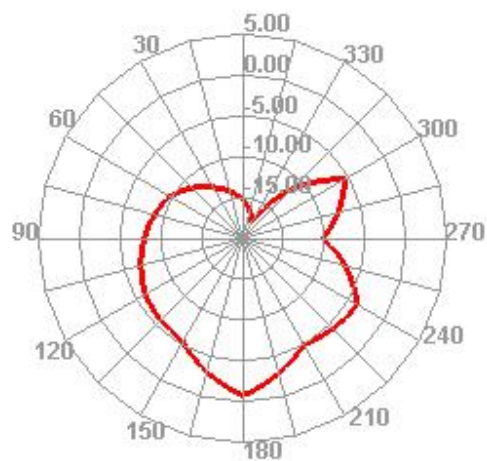
2400.000MHz H



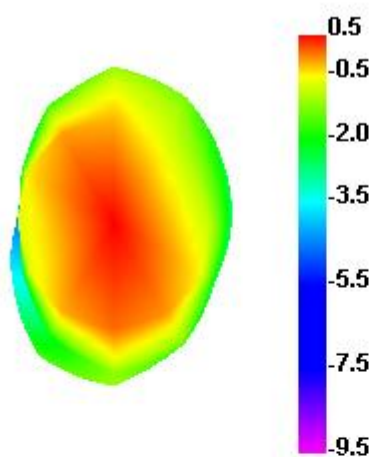
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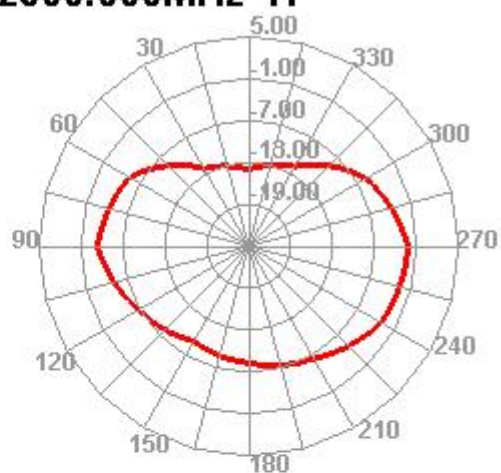
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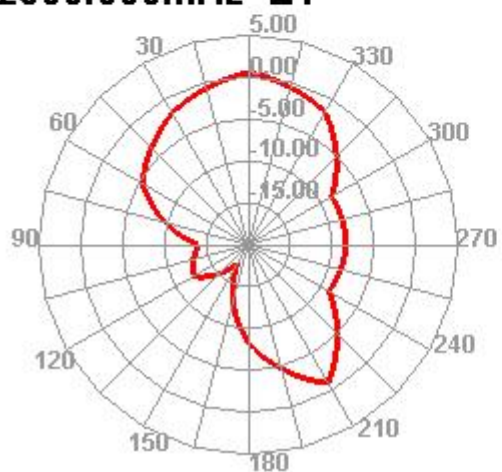
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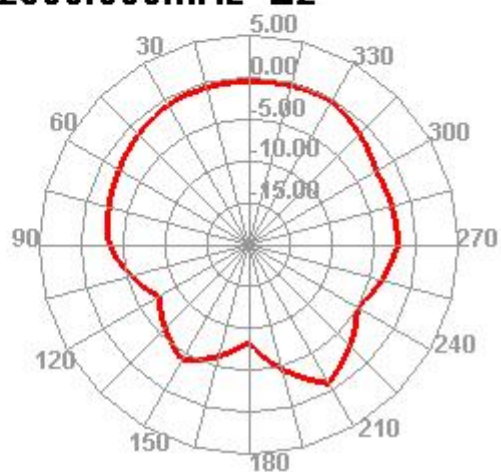
2500.000MHz H



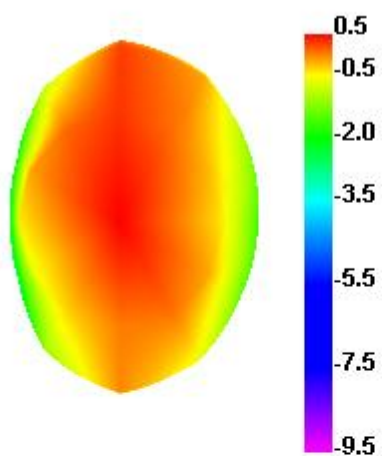
2500.000MHz E1



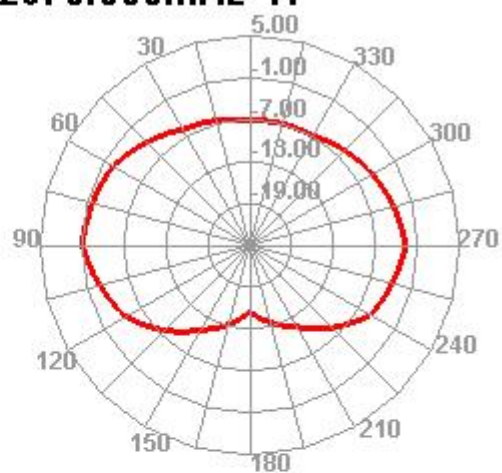
2500.000MHz E2



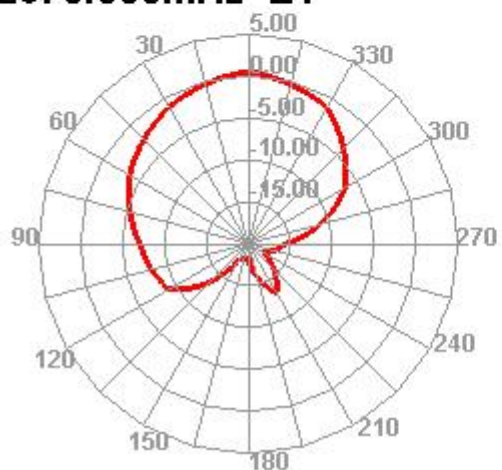
2670.000MHz



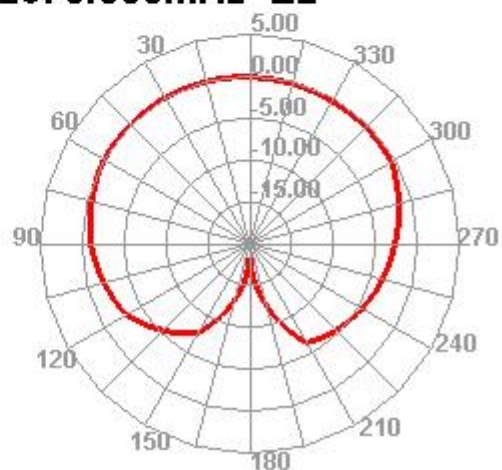
2670.000MHz H



2670.000MHz E1

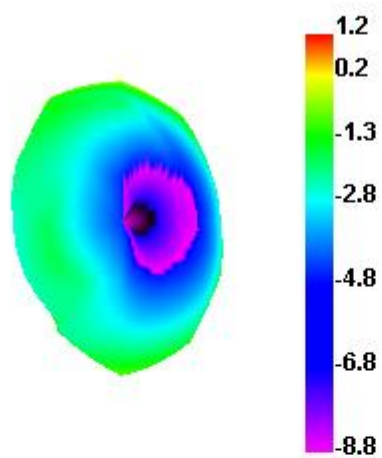


2670.000MHz E2

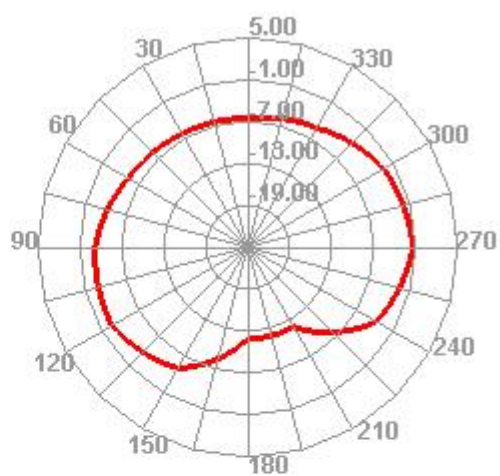


G/W/B ant

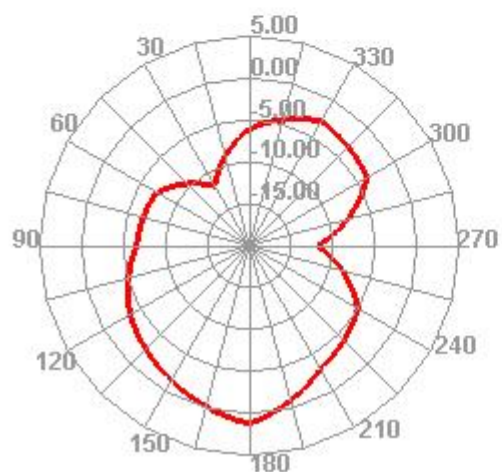
1575.000MHz



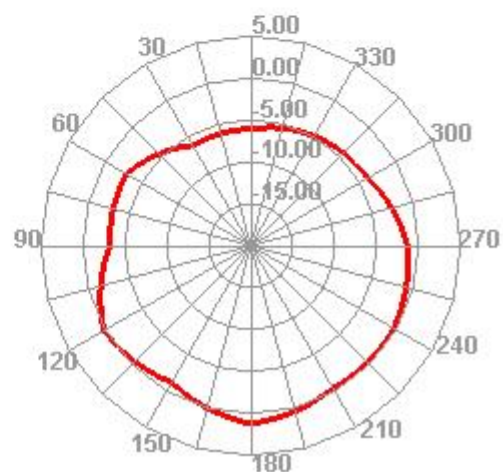
1575.000MHz H



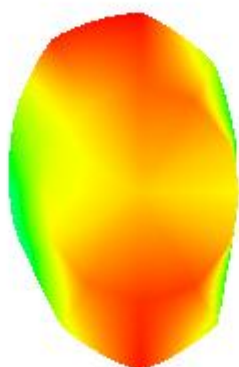
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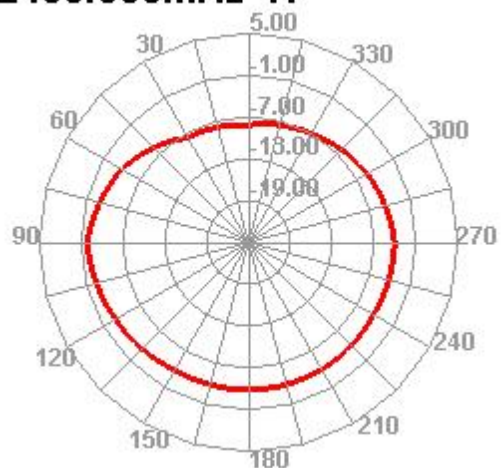
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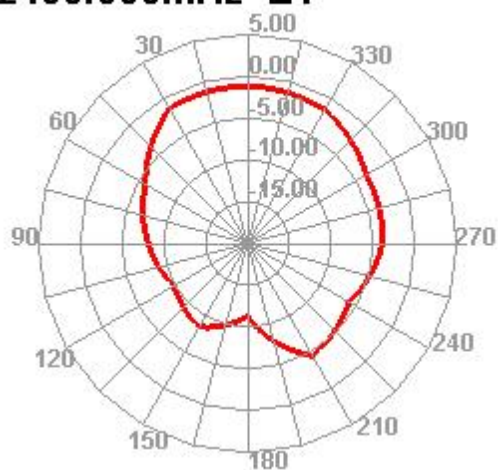
2400.000MHz



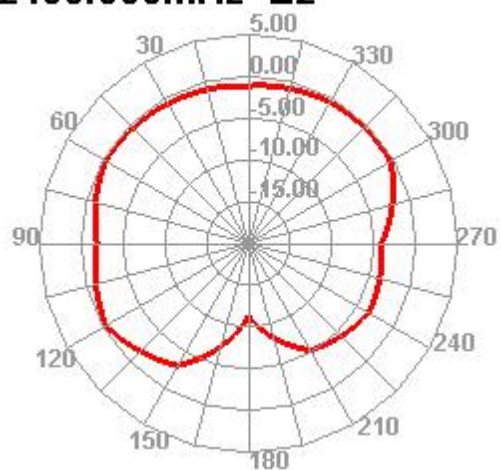
2400.000MHz H



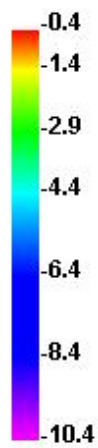
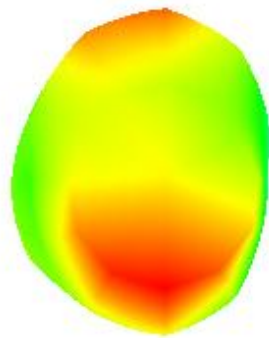
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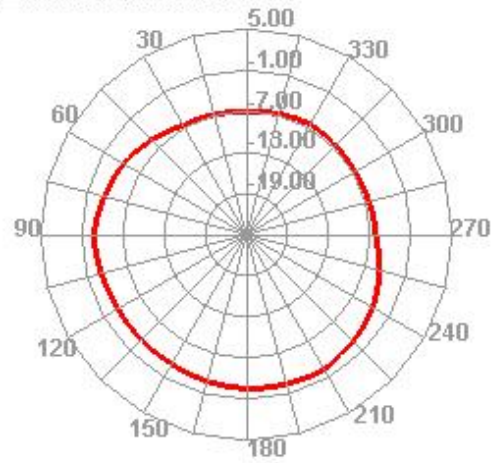
2400.000MHz E2



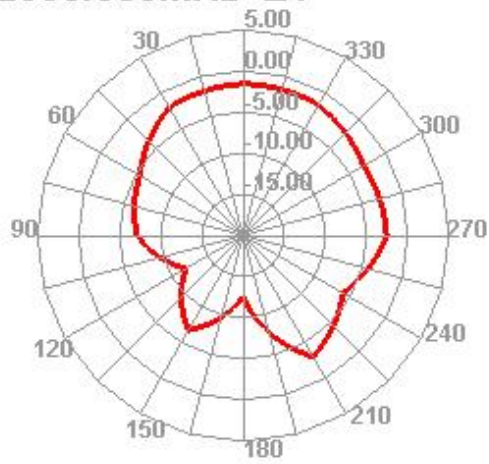
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

