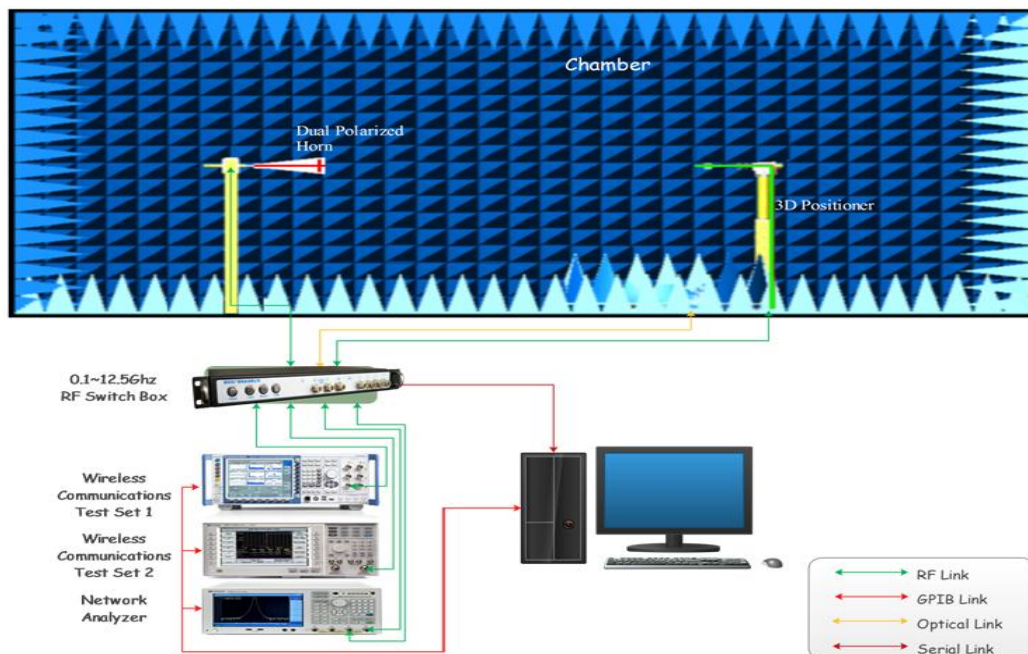




WS620C antenna report

Test Address	Shenzhen3Good Wireless Communications CO.,LTD Room501,Jinfulai Building,No.49-1,Dabao Road,Baoan District,Shenzhen
Test Date	November14, 2023
TestInstrument	vector network analyzer -Agilent Technologies E5071B

Facility description Measurement procedure

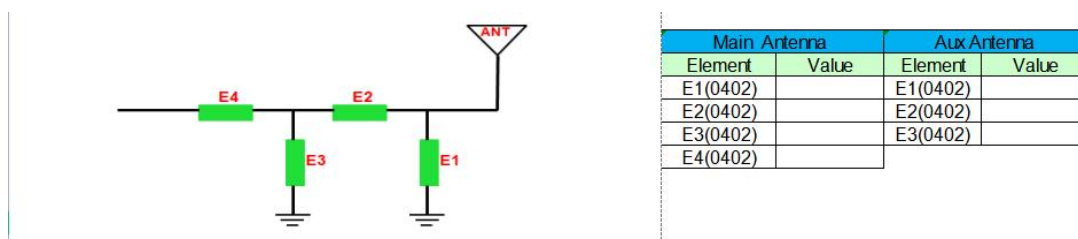




Antenna information

Customer	Boat of wealth
Antenna Model	FPC
Antenna Type	LOOP

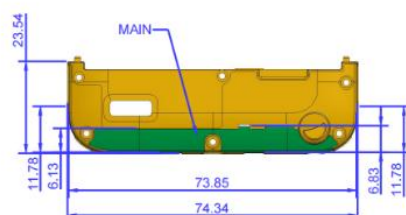
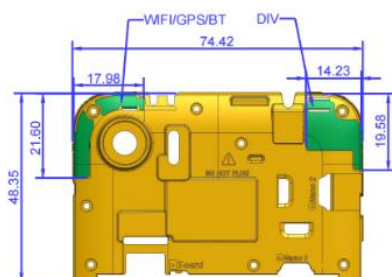
Matching circuits



Passive performance figure

Frequency(MHZ)	703~960	1710~2690
VSWR	< 3.5	< 3.5

Antenna position picture





All of Implementation antenna
Main antenna(Antenna Label:A):

LTE B5/B7/B13/B28/B38RX&TX

WCDMA B5 RX&TX

GSM B5/B8 RX&TX

DIV antenna(Antenna Label:B):

LTE B2/B3/B4 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:-0.4dBi

GSM850: -1.3dBi

DCS1800: -1dBi

PCS1900: 0.4dBi

WCDMA1900: 0.4dBi

WCDMA1700: -1dBi

WCDMA2100: -0.9dBi

WCDMA850: -1.3dBi

LTE-B2: 0.4dBi

LTE-B3: -1dBi

LTE-B4: -1dBi

LTE-B5: -1.3dBi

LTE-B7: -1dBi

LTE-B13: -2.1dBi

LTE-B28: -2.4dBi

LTE-B38: -1dBi

WIFI-B/BT: -0.2dBi

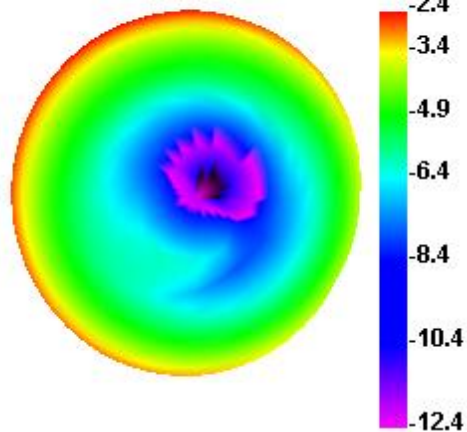
GPS: -0.5dBi

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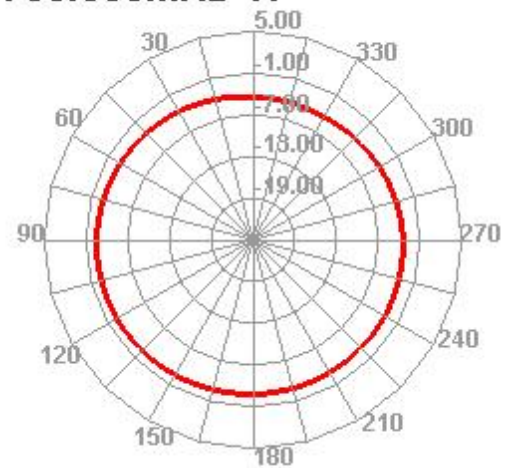
3-D Pattern Plots

Main antenna

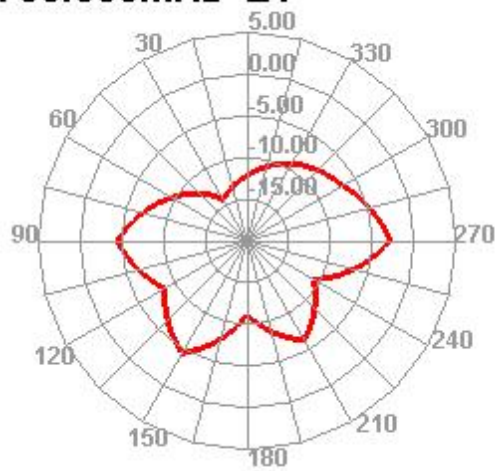
730.000MHz



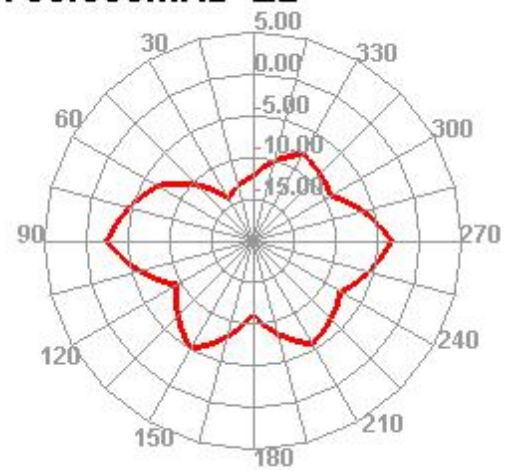
730.000MHz H



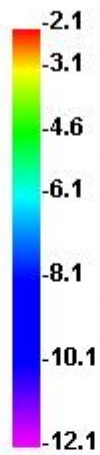
730.000MHz E1



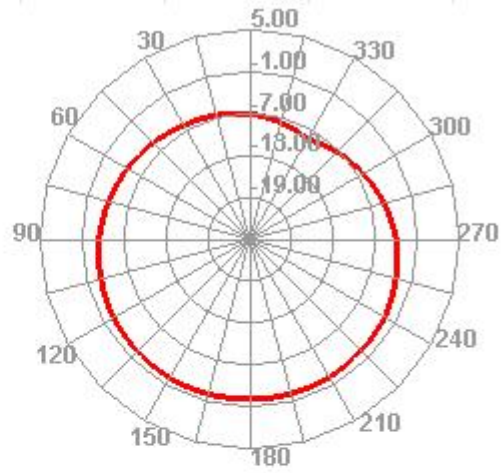
730.000MHz E2



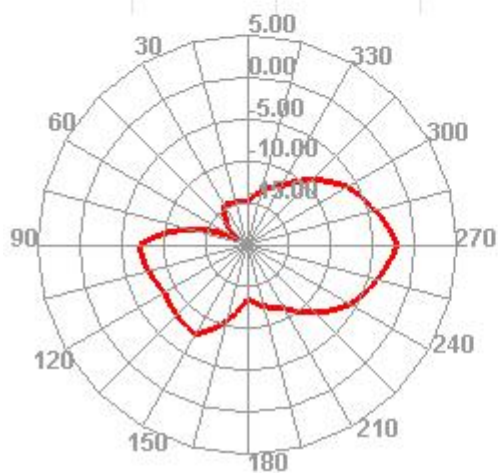
770.000MHz



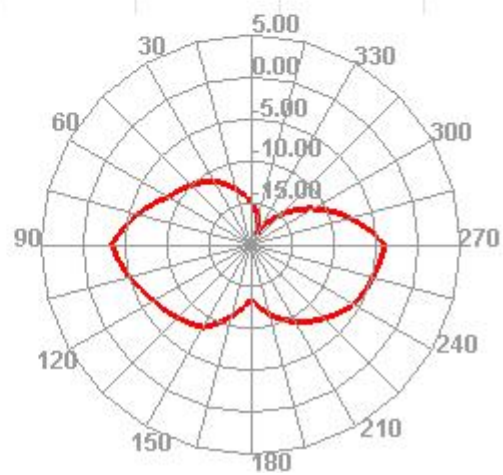
770.000MHz H



770.000MHz E1

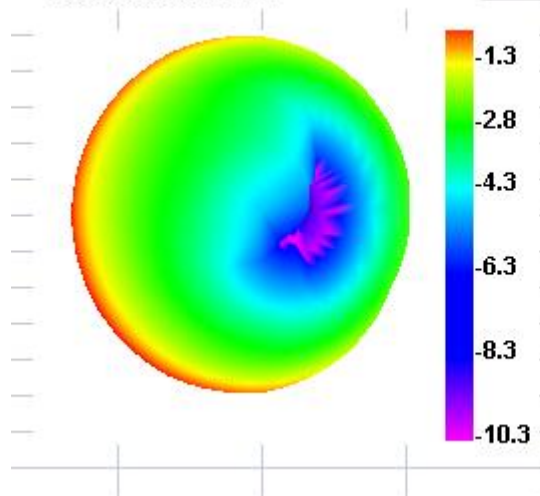


770.000MHz E2

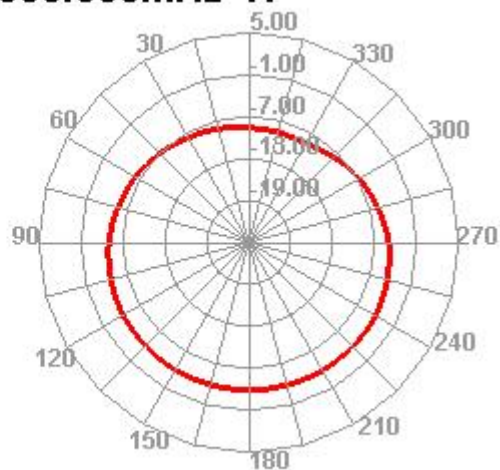




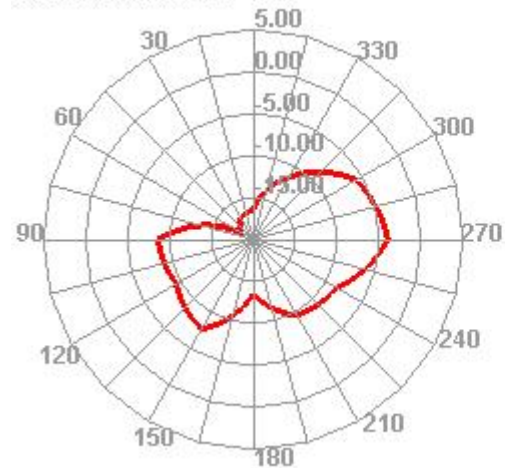
850.000MHz



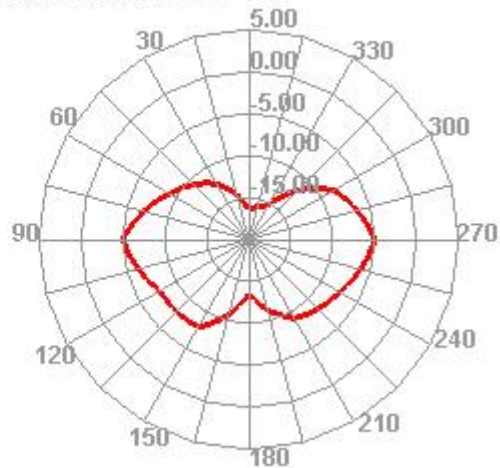
850.000MHz H



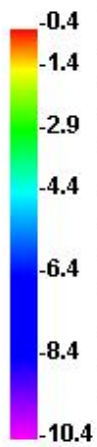
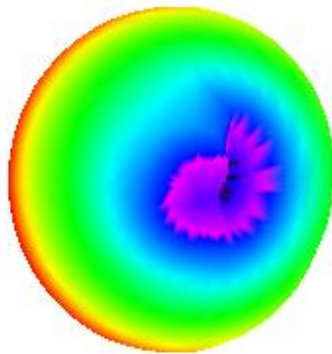
850.000MHz E1



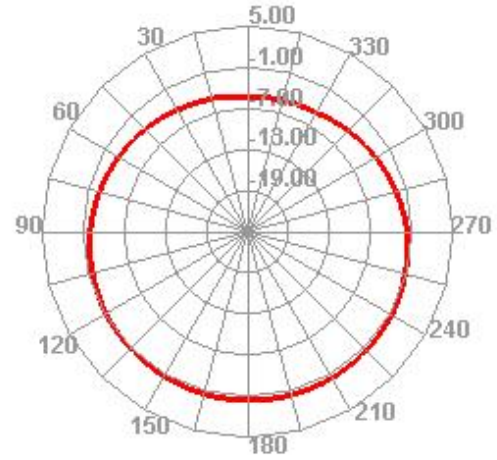
850.000MHz E2



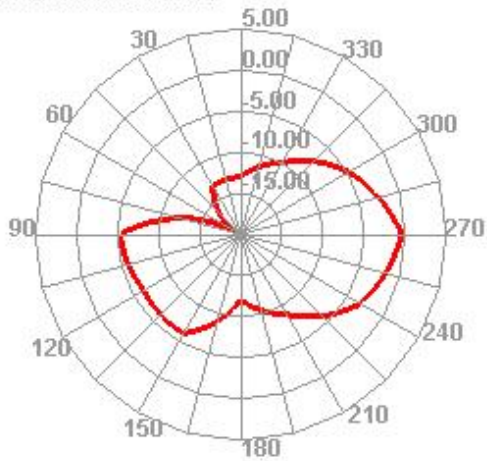
900.000MHz



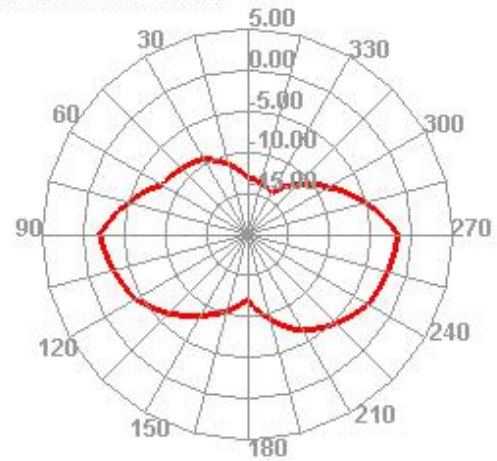
900.000MHz H



900.000MHz E1



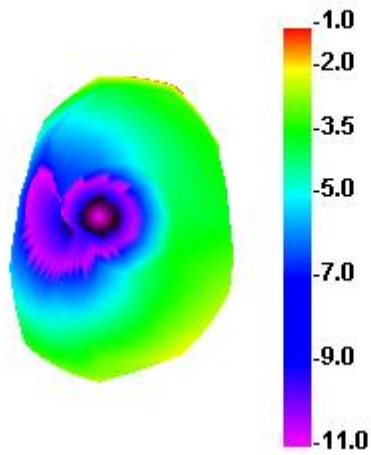
900.000MHz E2



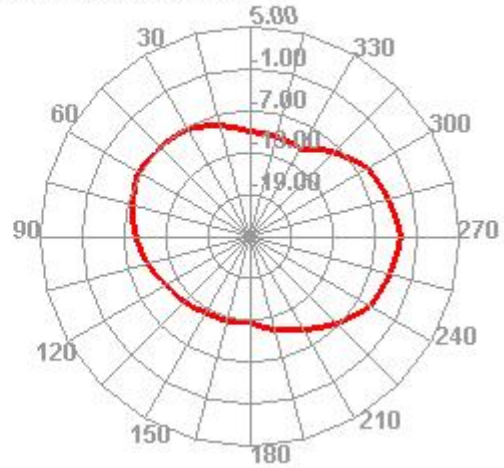


DIV antenna

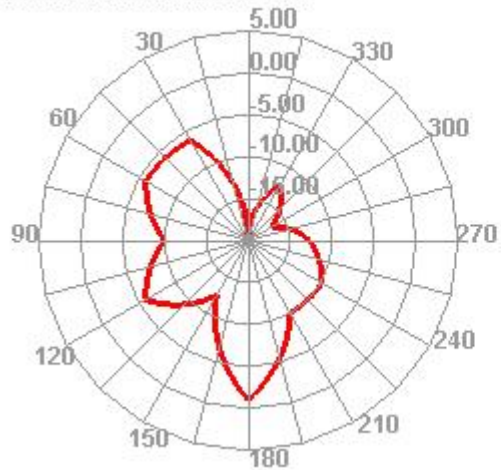
1800.000MHz



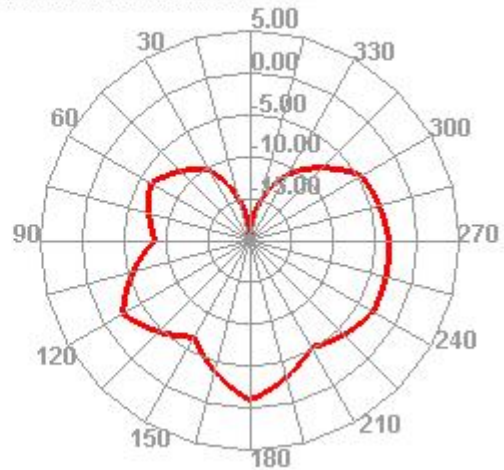
1800.000MHz H



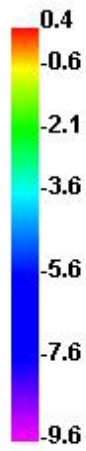
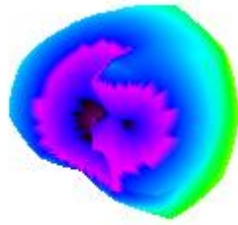
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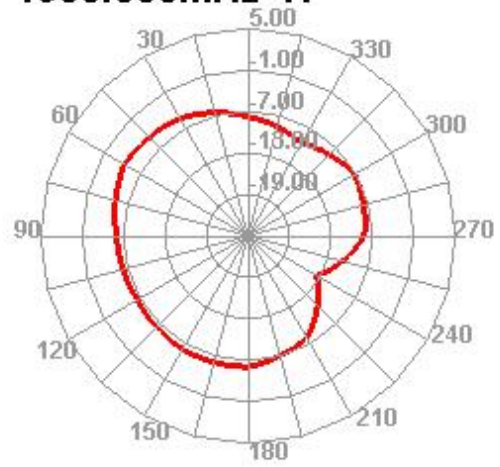
1800.000MHz E2



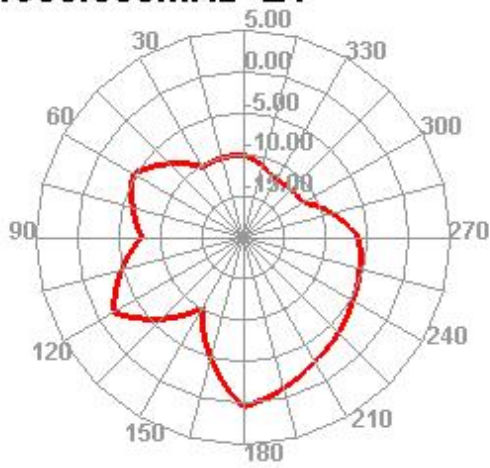
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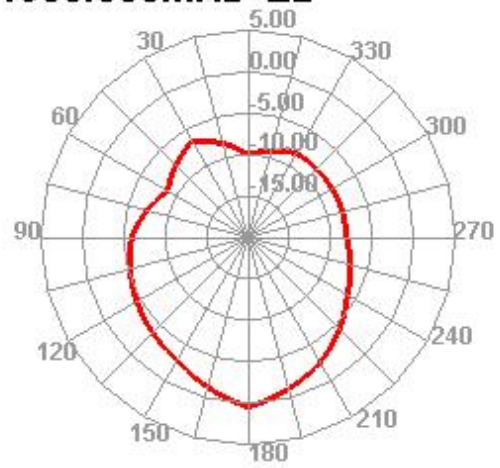
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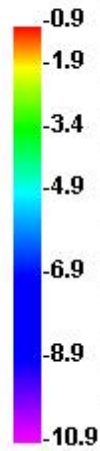
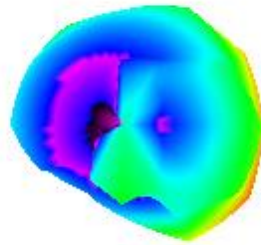
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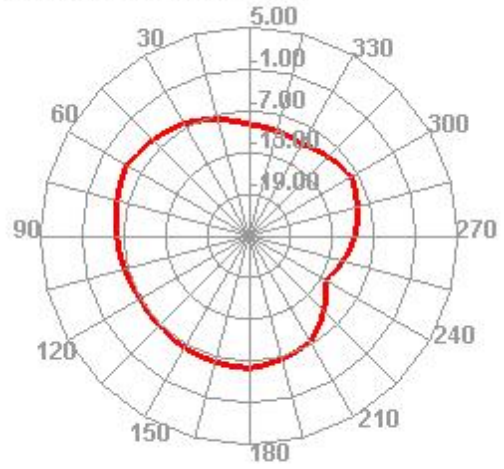
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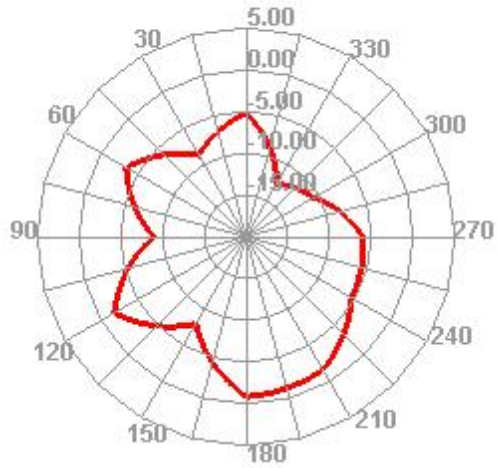
2100.000MHz



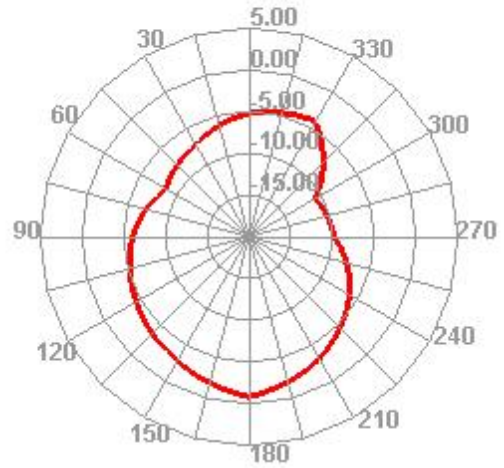
2100.000MHz H



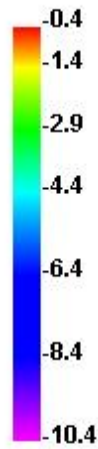
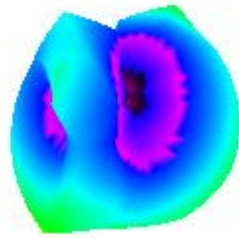
2100.000MHz E1



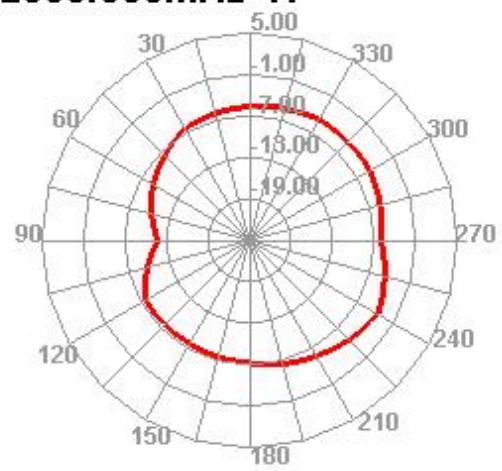
2100.000MHz E2



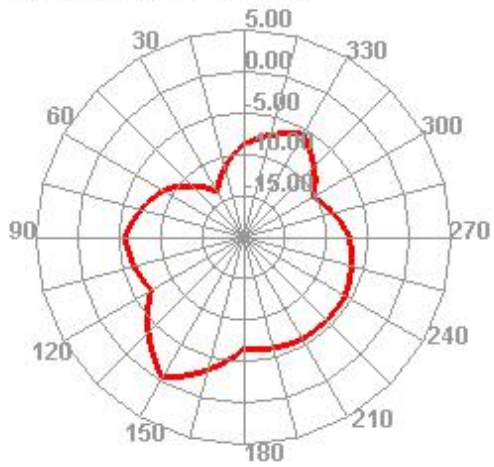
2500.000MHz



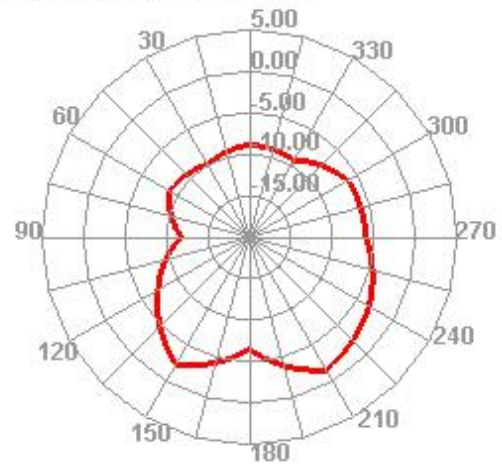
2500.000MHz H



2500.000MHz E1

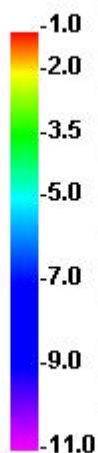
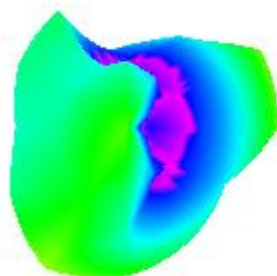


2500.000MHz E2

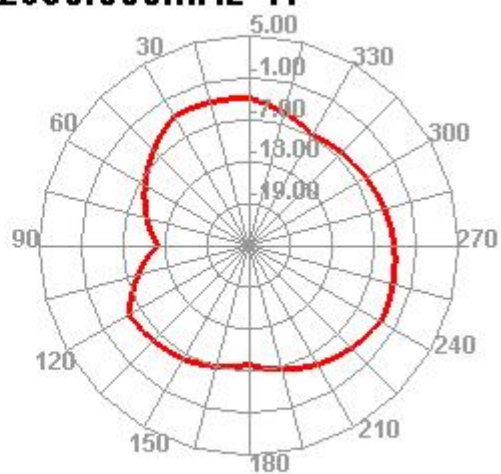




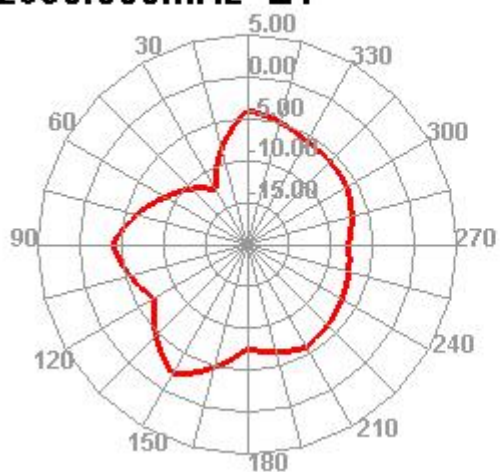
2690.000MHz



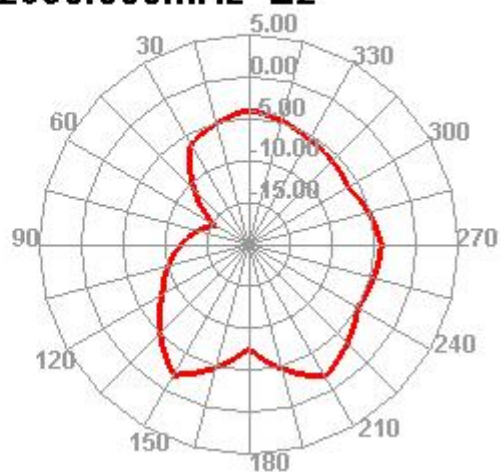
2690.000MHz H



2690.000MHz E1

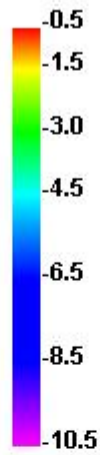
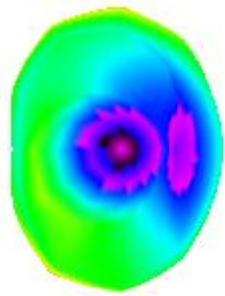


2690.000MHz E2

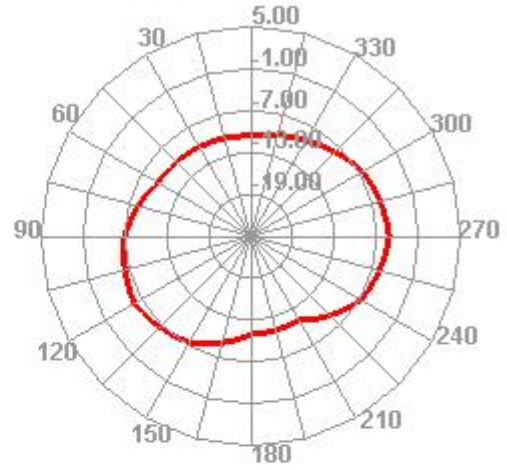


G/W/B ANT

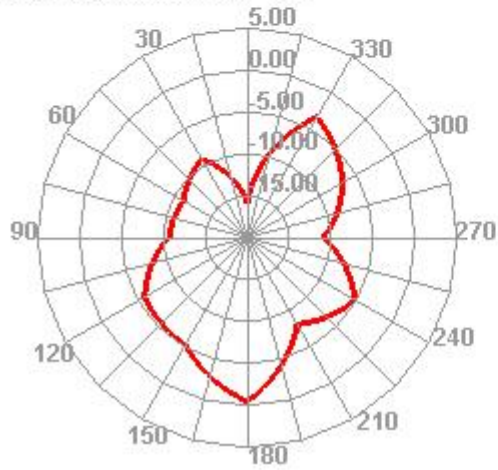
1575.000MHz



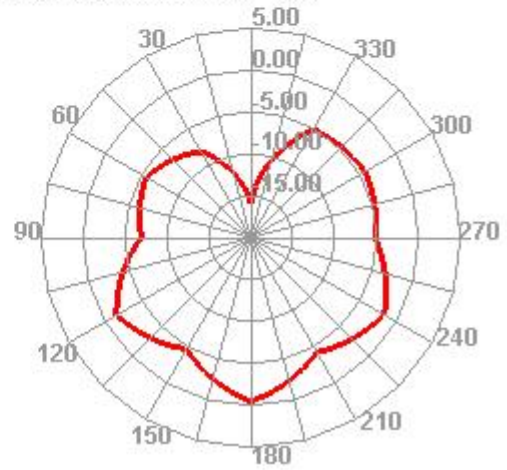
1575.000MHz H



1575.000MHz E1

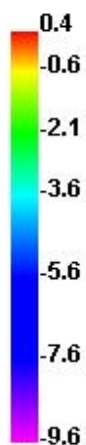
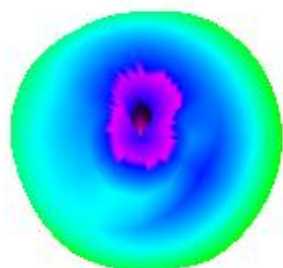


1575.000MHz E2

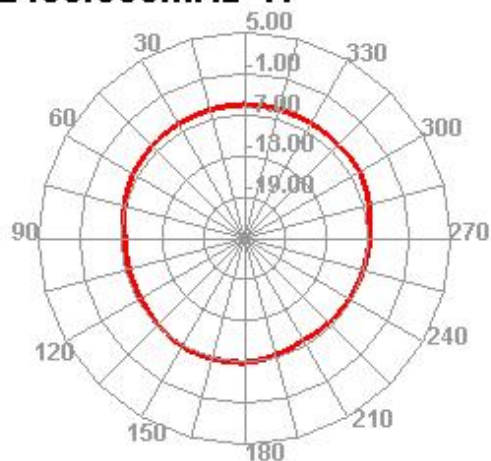




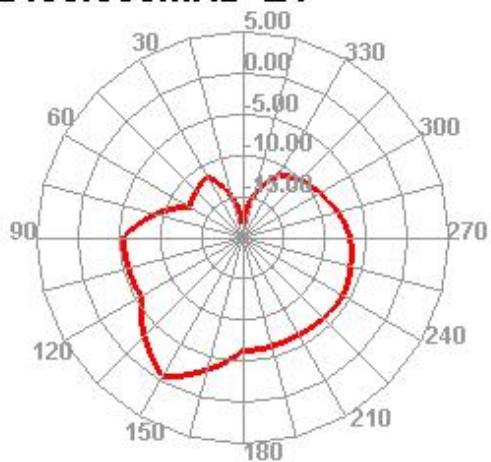
2400.000MHz



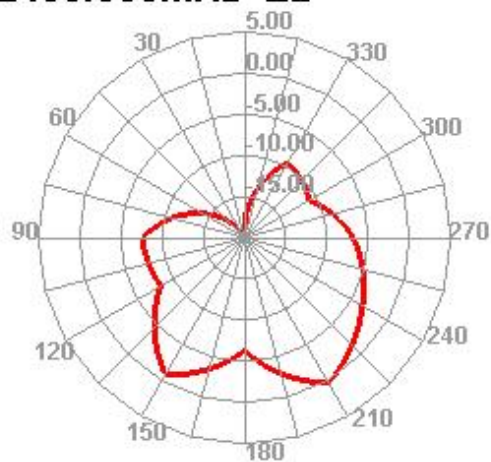
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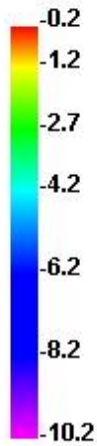
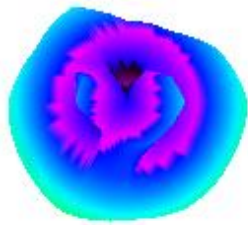
2400.000MHz E1



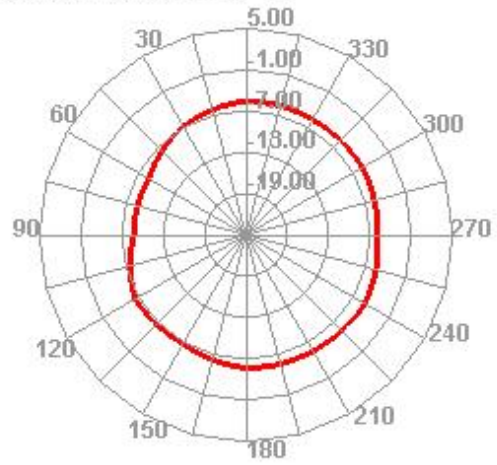
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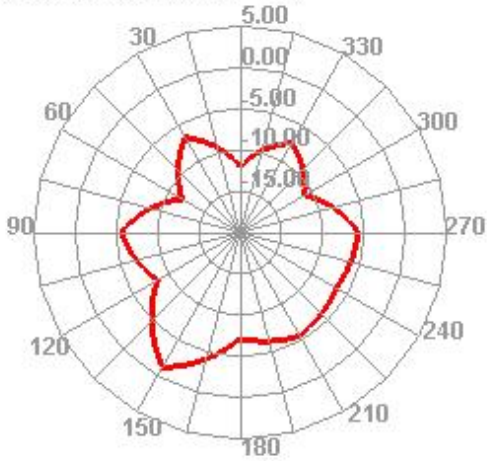
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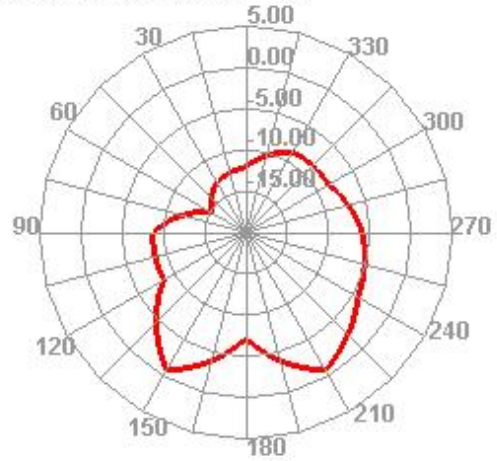
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



test engineer: Xiao hui