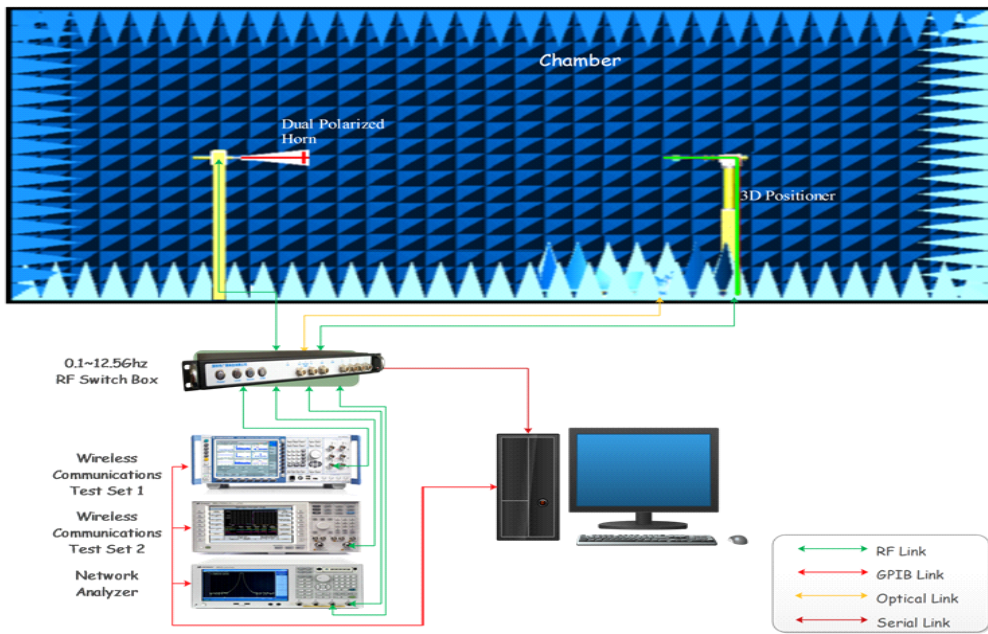


# D043 antenna report

<b>Test Address</b>	Shenzhen3Good Wireless Communications CO.,LTD Room501,Jinfulai Building,No.49-1,Dabao Road,Baoan District,Shenzhen
<b>Test Date</b>	June 27(th), 2023
<b>TestInstrument</b>	vector network analyzer -Agilent Technologies E5071B

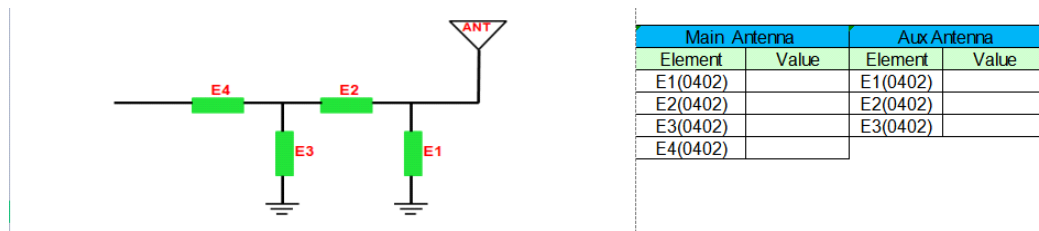
**Facility**                      **description**                      **Measurement**                      **procedure**



### Antenna information

Customer	LEGEND
Antenna Model	FPC
Antenna Type	PIPA

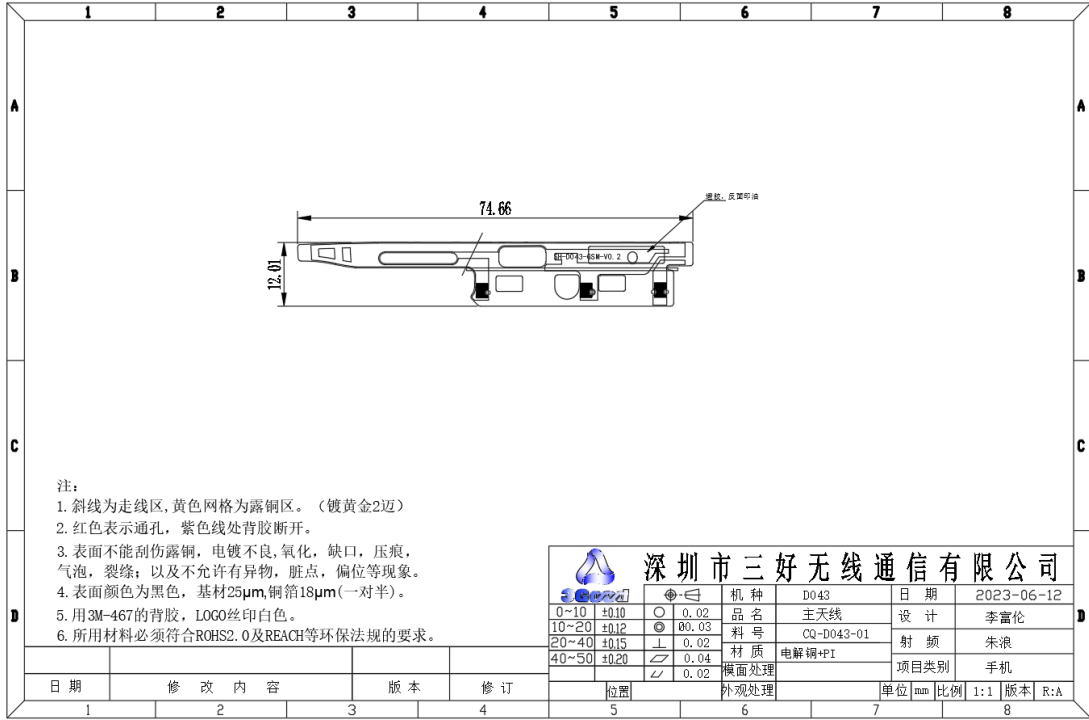
### Matching circuits



### Passive performance figure

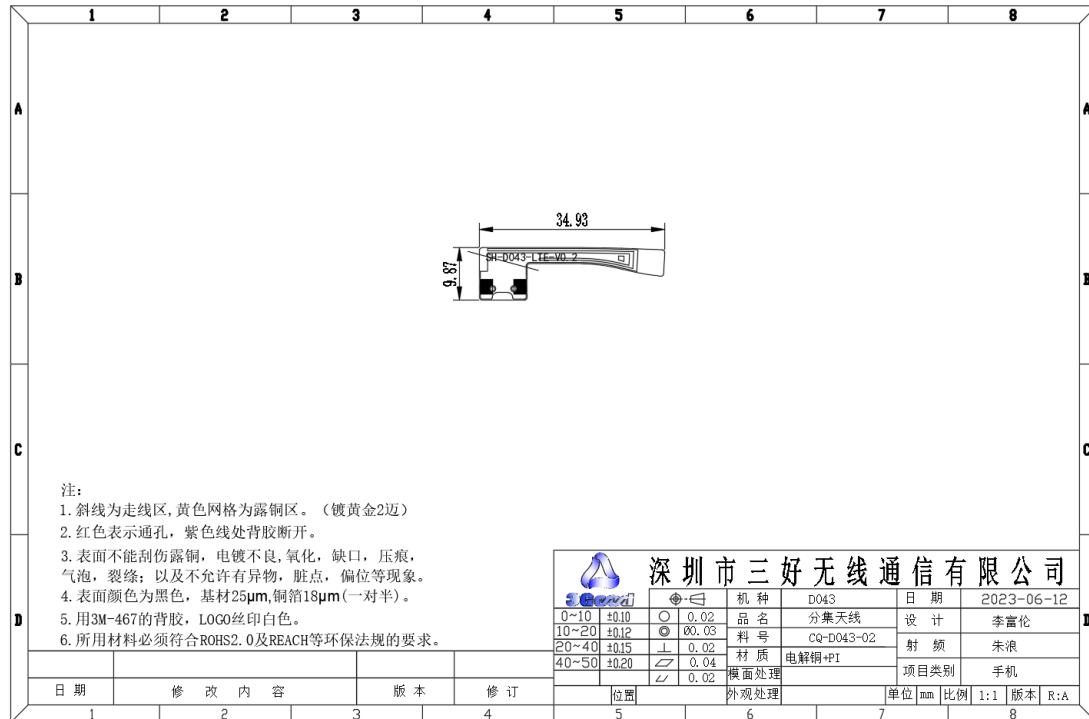
Frequency(MHZ)	699~960	1710~2690
VSWR	<3.5	<3.5

### Antenna position picture



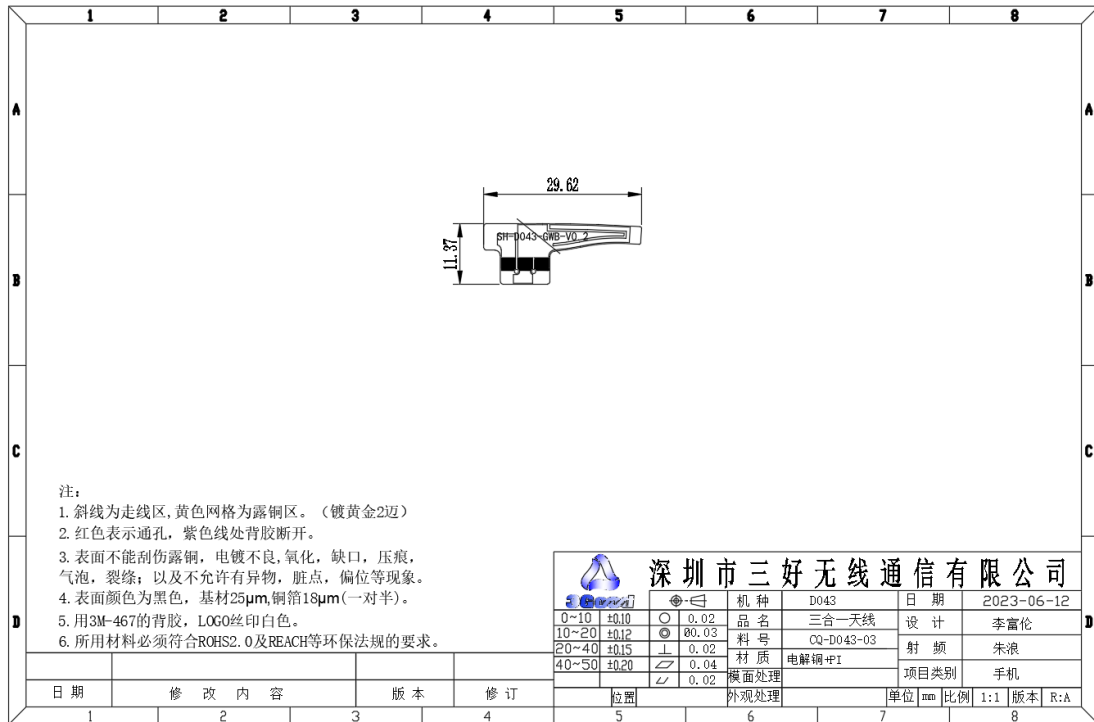
**深圳市三好无线通信有限公司**

机种		D043		日期		2023-06-12	
品名		主天线		设计		李富伦	
料号		CQ-D043-01		射频		朱浪	
材质		电解铜+PI		项目类别		手机	
表面处理							



**深圳市三好无线通信有限公司**

机种		D043		日期		2023-06-12	
品名		分集天线		设计		李富伦	
料号		CQ-D043-02		射频		朱浪	
材质		电解铜+PI		项目类别		手机	
表面处理							



All of Implementation antenna

Main antenna(Antenna Label:A):

LTE B5/B7/B8/B12/B17/B20/B28AB/B41 RX&TX

WCDMA B5/B8 RX&TX

GSM B5/B8 RX&TX

DIV antenna(Antenna Label:B):

LTE FDD1/2/3/4RX&TX

WCDMA B1/B2/B4 RX&TX

GSM B2/B3RX&TX

WiFi-B/BT 2.4~2.5GHZ/WIFI-A5150~5850MHZ& GPS: 1575.42 MHz ;

Antenna Max. Peak Gain:

GSM850 : -2.76dBi

GSM900 : -1.44dBi

DCS1800 : -1.78dBi

PCS1900 : -0.34dBi

WCDMA-B1 : -2.8dBi

WCDMA-B2 : -0.346dBi

WCDMA-B4 : -1.78dBi

WCDMA-B5 : -2.76Bi

WCDMA-B8 : -1.44dBi

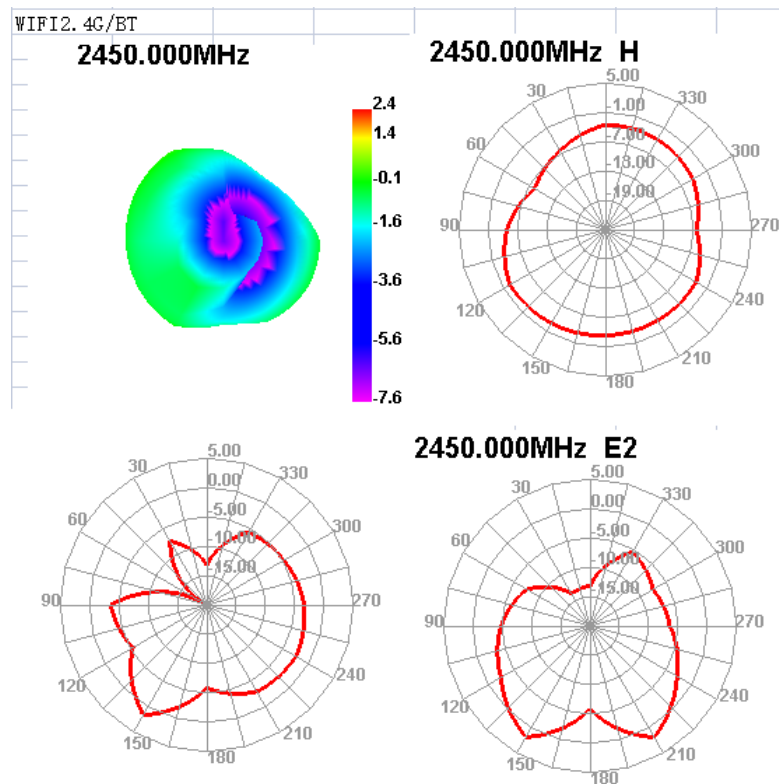
LTE-B1 : -2.8dBi

LTE-B2 : -0.34dBi

LTE-B3 : -1.78dBi

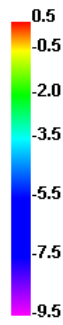
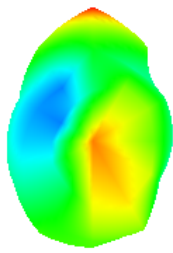
LTE-B4 : -1.78dBi  
 LTE-B5 : -2.76dBi  
 LTE-B7 : -1.1Bi  
 LTE-B8 : -1.44dBi  
 LTE-B12 : -1.22Bi  
 LTE-B17 : -1.22Bi  
 LTE-B20 : -2.76dBi  
 LTE-B28 : -0.8Bi  
 LTE-B41 : -1.1Bi  
 WIFI2.4/BT:2.57dBi  
 WIFI5G:1.67dBi  
 GPS: 0.5dBi

### 1. D Patten Plots

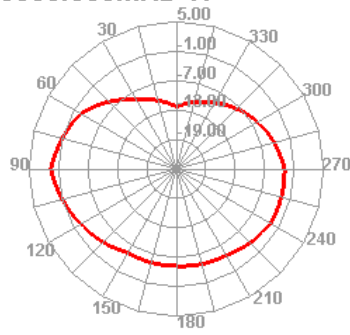


WiFi5.8G

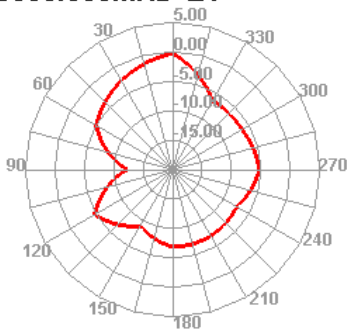
5500.000MHz



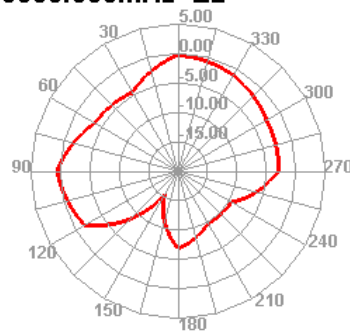
5500.000MHz H



5500.000MHz E1

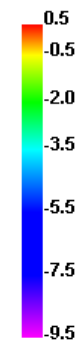
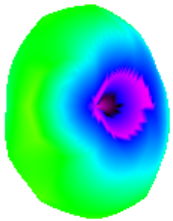


5500.000MHz E2

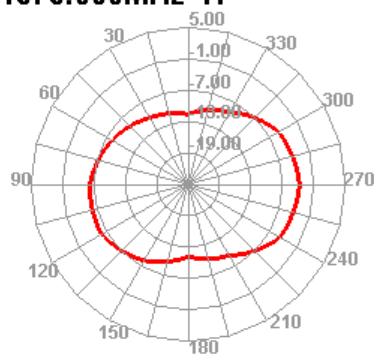


GPS

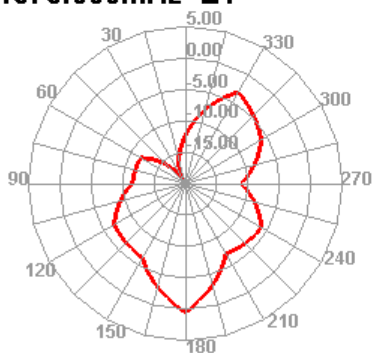
1575.000MHz



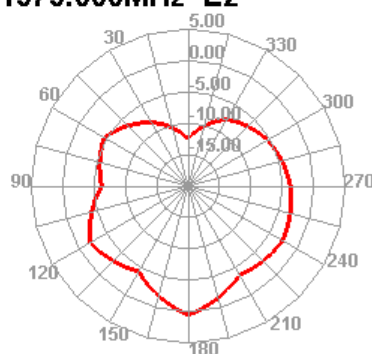
1575.000MHz H



1575.000MHz E1

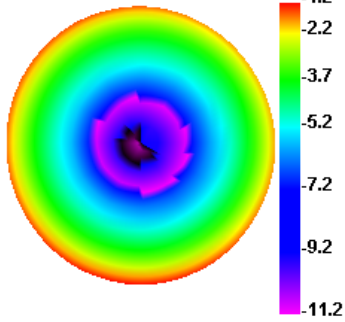


1575.000MHz E2

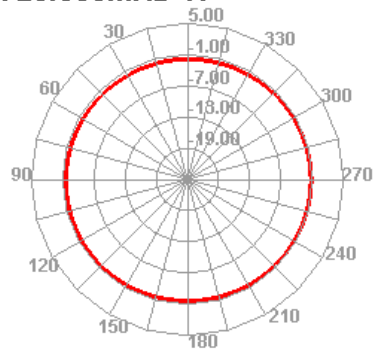


B12/B17/B28AB

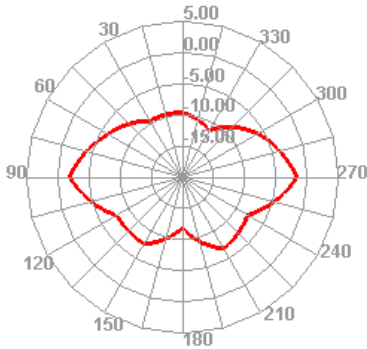
720.000MHz



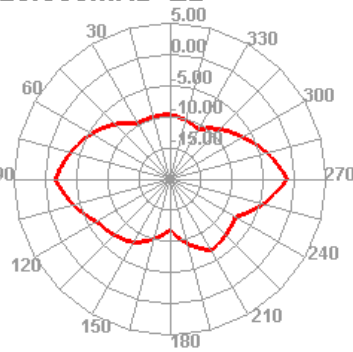
720.000MHz H



720.000MHz E1

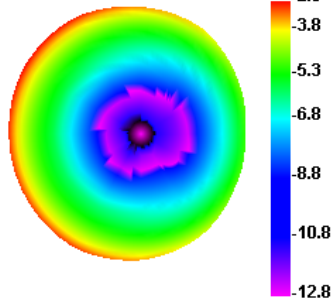


720.000MHz E2

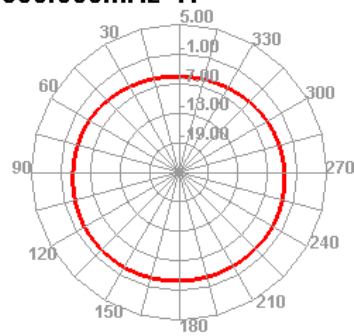


850/W5/B5/B20

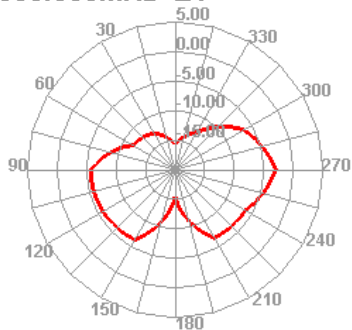
850.000MHz



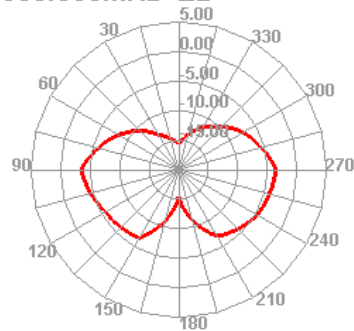
850.000MHz H



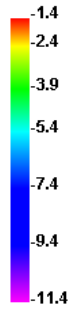
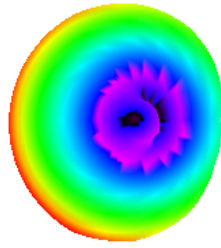
850.000MHz E1



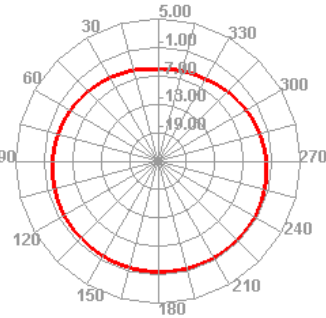
850.000MHz E2



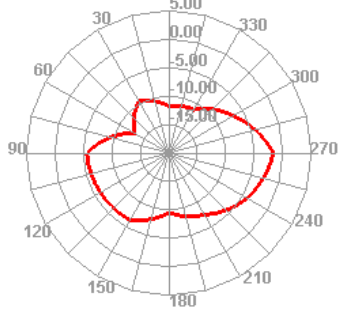
900/W8/B8  
**900.000MHz**



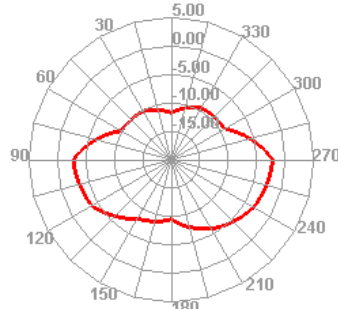
**900.000MHz H**



**900.000MHz E1**

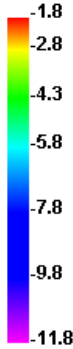
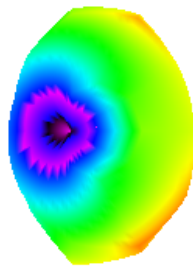


**900.000MHz E2**

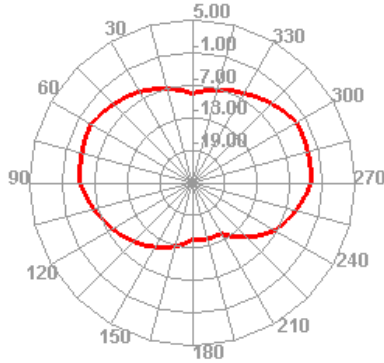


1800/B3/B4

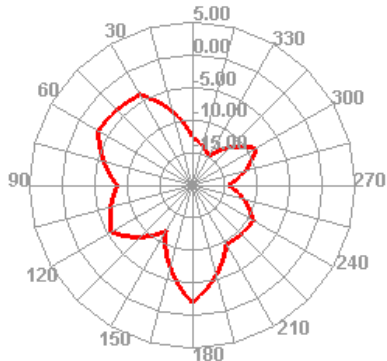
**1750.000MHz**



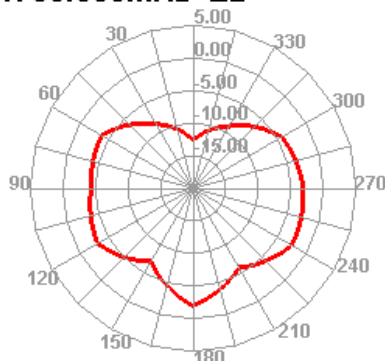
**1750.000MHz H**



**1750.000MHz E1**

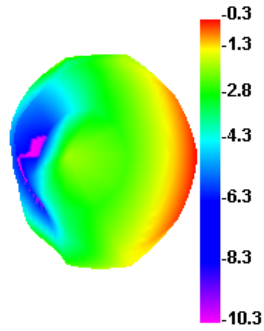


**1750.000MHz E2**

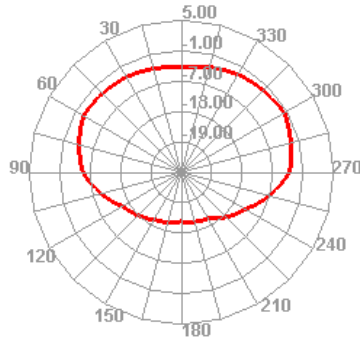




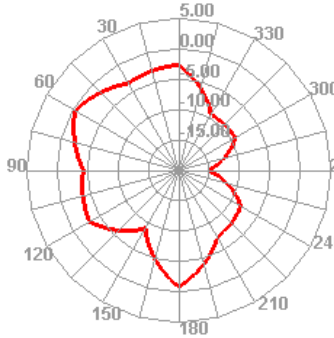
1900/W2/B2  
**1900.000MHz**



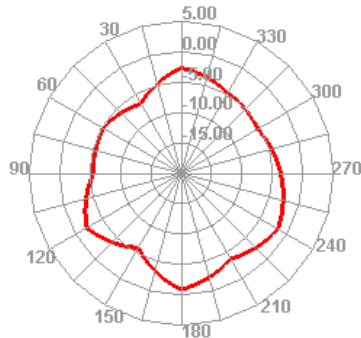
**1900.000MHz H**



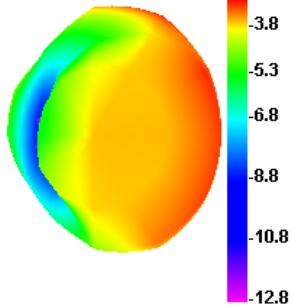
**1900.000MHz E1**



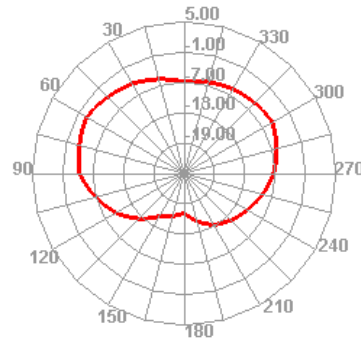
**1900.000MHz E2**



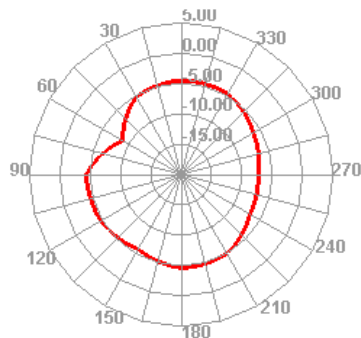
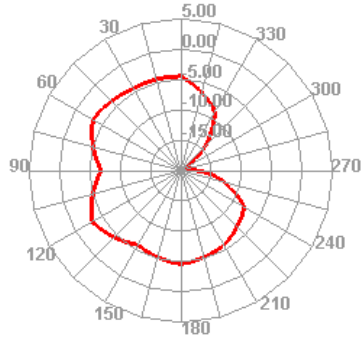
W1/B1  
**2100.000MHz**



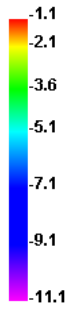
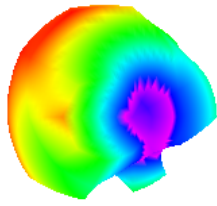
**2100.000MHz H**



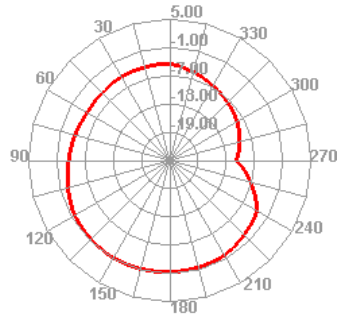
**2100.000MHz E1**



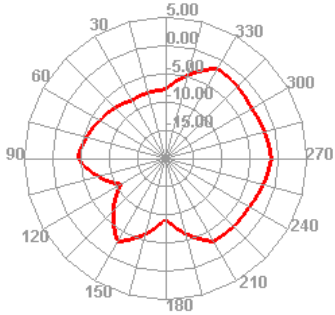
2550.000MHz



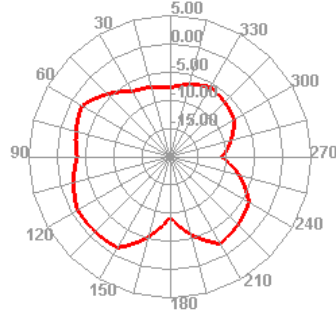
2550.000MHz H



2550.000MHz E1



2550.000MHz E2



test engineer:

Zhu Lang