



Mobile antenna test report

HEYUAN XUNWEI MICROWAVE
COMMUNICATION CO.,LTD

RF: Chen chuan ming

Date: 2023.03.23

Office address: Zone M, 8/F, Building 1, Baisha New Industrial
Park, Nanshan District, Shenzhen

Test equipment

Wireless communications test set: CMW500

Network Analyzer: Agilent 5071B

Anechoic Chamber : SATIMO SG24

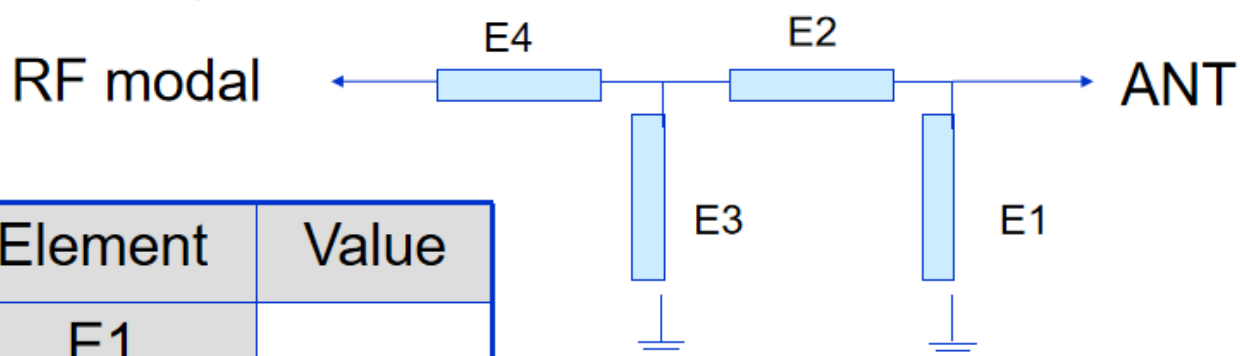


Antenna information

Customer	Boat of wealth	
Antenna model	FPC	
Antenna type	PIFA	

frequency range (MHz)	603mhz-960mhz	1710mhz-2690mhz
VSWR	<3.5	<3.5

Matching circuit （No modification）



Element	Value
E1	
E2	
E3	
E4	

1. 天线位置图(体现所有天线的位置和使用频段)Antenna position diagram (showing the position of all antennas and the frequency band used)

All of Implementation antenna

Main antenna(Antenna Label:A):

LTE B5/B8/B12/B17/B71 RX&TX

B2/B4/B66 RX

WCDMA B5 RX&TX

B2/B4 RX

GSM B5/B8 RX&TX

B2/B3 RX

DIV antenna(Antenna Label:B):

LTE B2//B4/B66 RX&TX

WCDMA B2/B4 RX&TX

GSM B2/B3 RX&TX

WiFi/BT 2.4~2.5G/2412MHz~2472MHz& GPS: 1575.42 MHz ;

Antenna Max. Peak Gain:

EGSM900:-0.61dBi

GSM850: -0.68dBi

DCS1800: -0.53dBi

PCS1900: -0.54dBi

WCDMA2100: -0.55dBi

WCDMA1900: -0.54dBi

WCDMA1700: -0.53dBi

WCDMA900: -0.61dBi

WCDMA850: -0.68dBi

LTE-B2: -0.54dBi

LTE-B4: -0.53dBi

LTE-B5: -0.68dBi

LTE-B8: -0.61dBi

LTE-B12: -0.45dBi

LTE-B17: -0.46dBi

LTE-B66: -0.53dBi

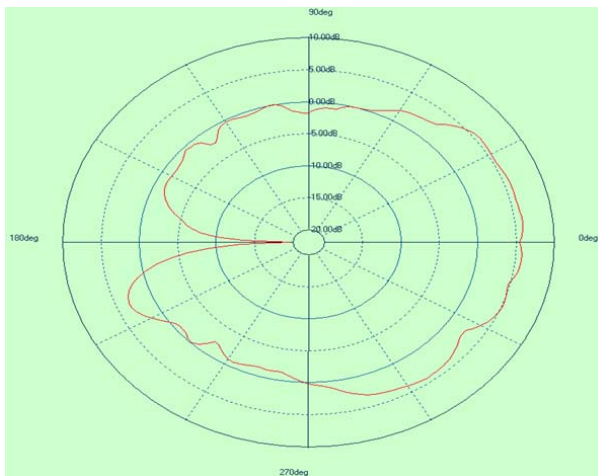
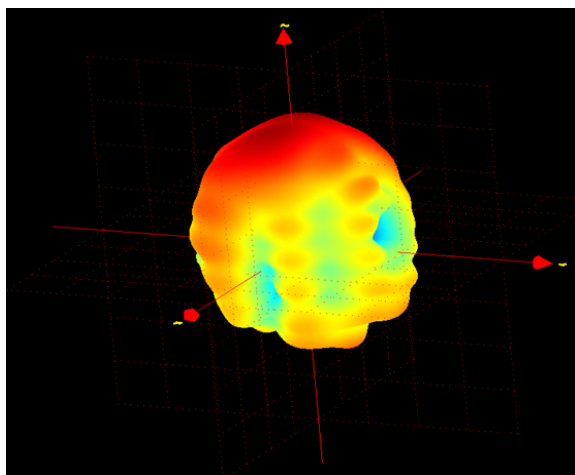
LTE-B71:- 0.83dBi

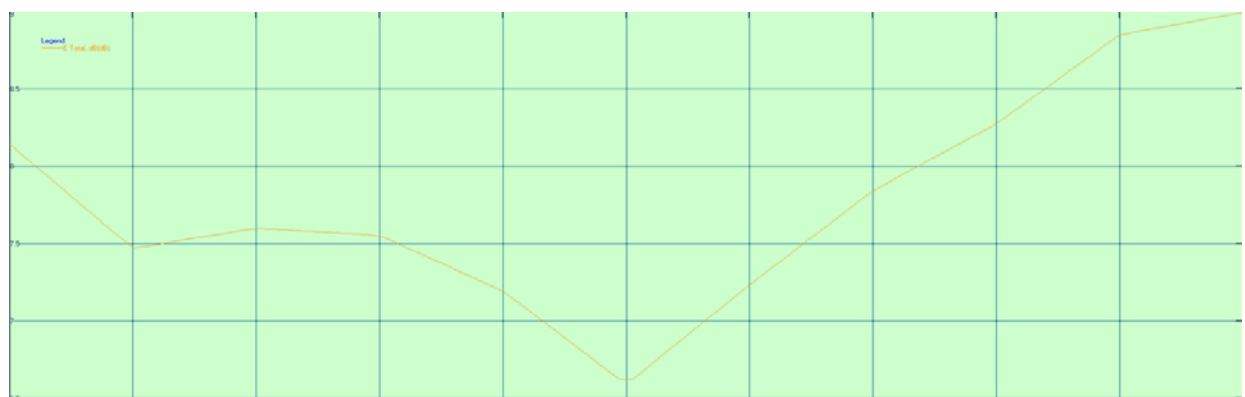
WIFI/BT: -1.02dBi

GPS: -0.53dBi

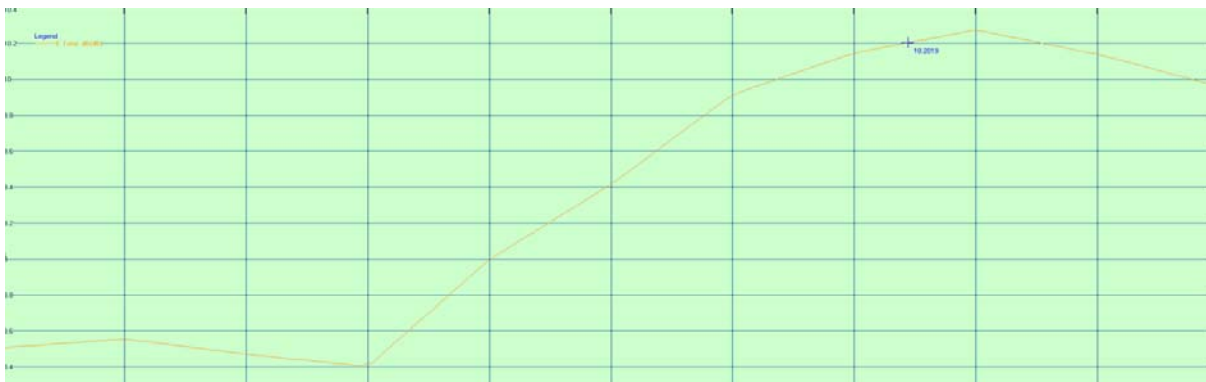
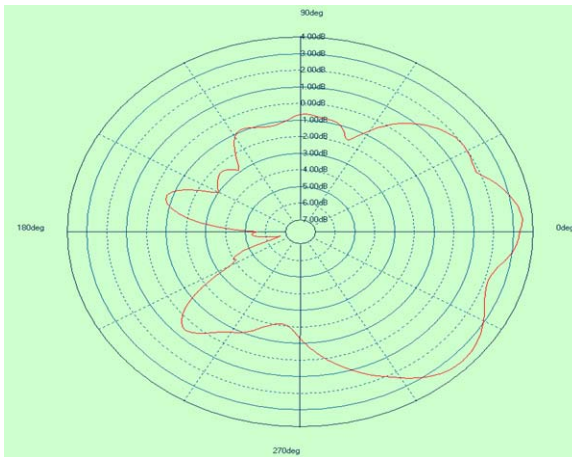
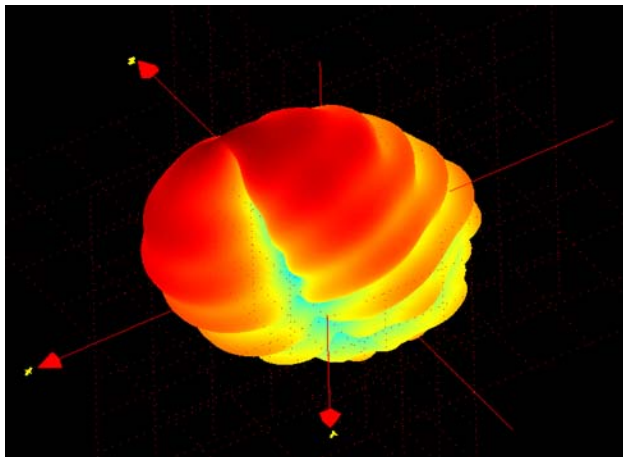
2.天线苹果图 Antenna apple chart

603MHZ~960MHZ

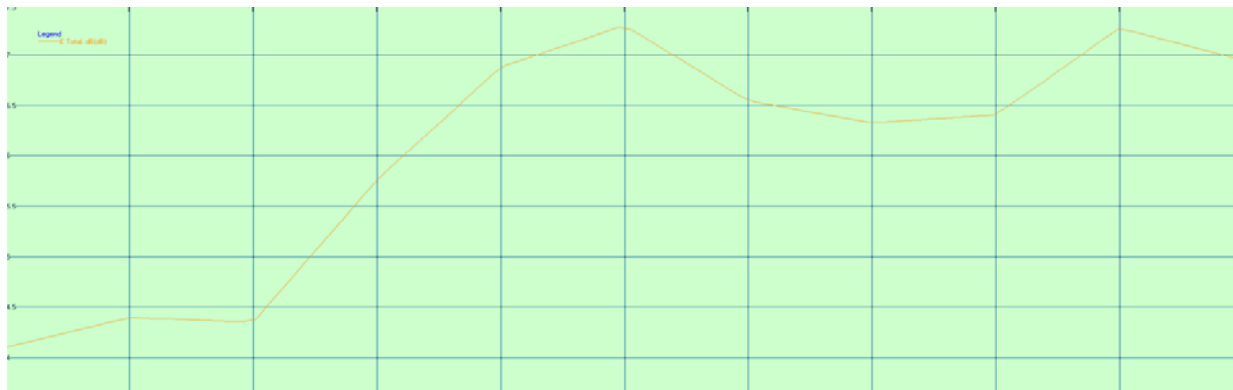
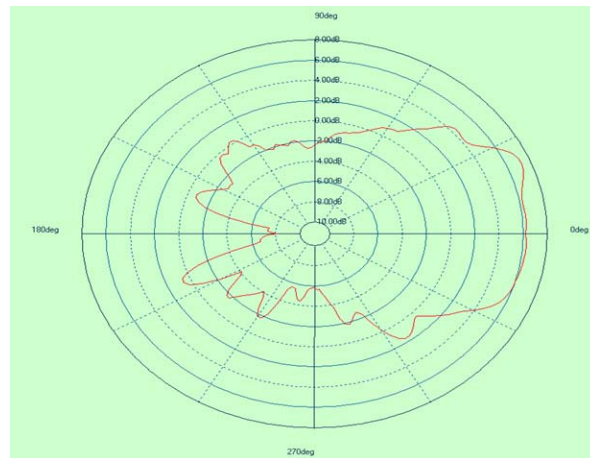
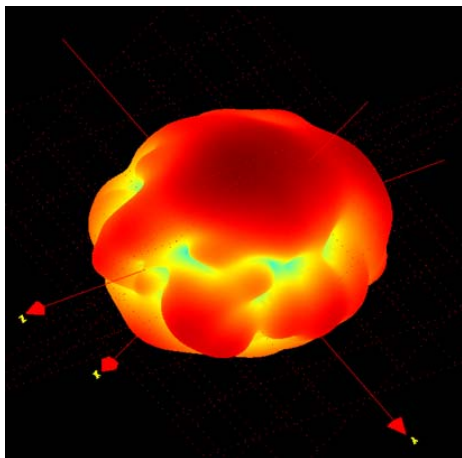




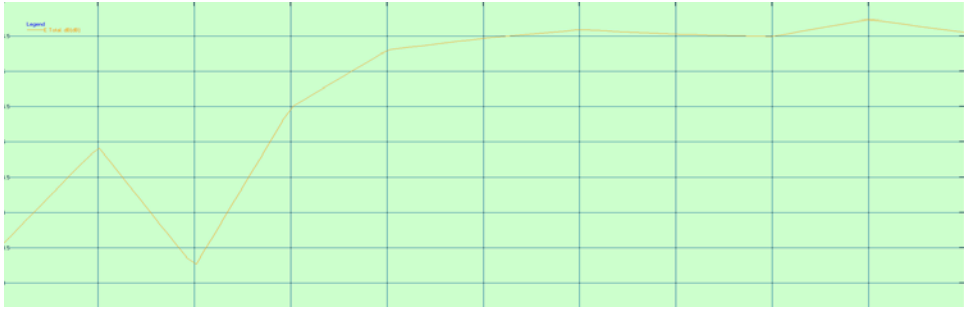
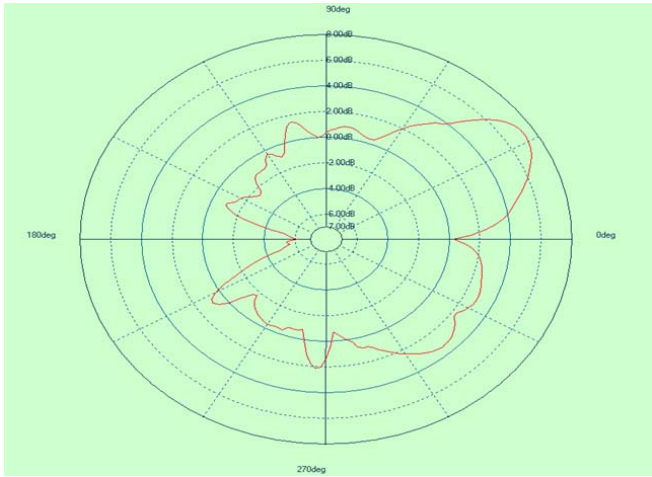
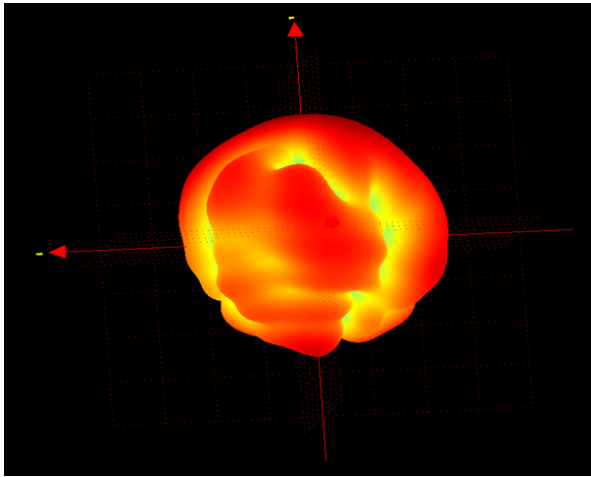
1710MHZ~2170MHZ



2500MHZ~2700MHZ



1550MHZ~1600MHZ(GPS)



2400MHZ~2500MHZ(BT/WIFI 2.4G)

