



## Mobile antenna test report

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# Test equipment

Wireless communications test set: CMW500

Network Analyzer: Agilent 5071B

Anechoic Chamber : SATIMO SG24

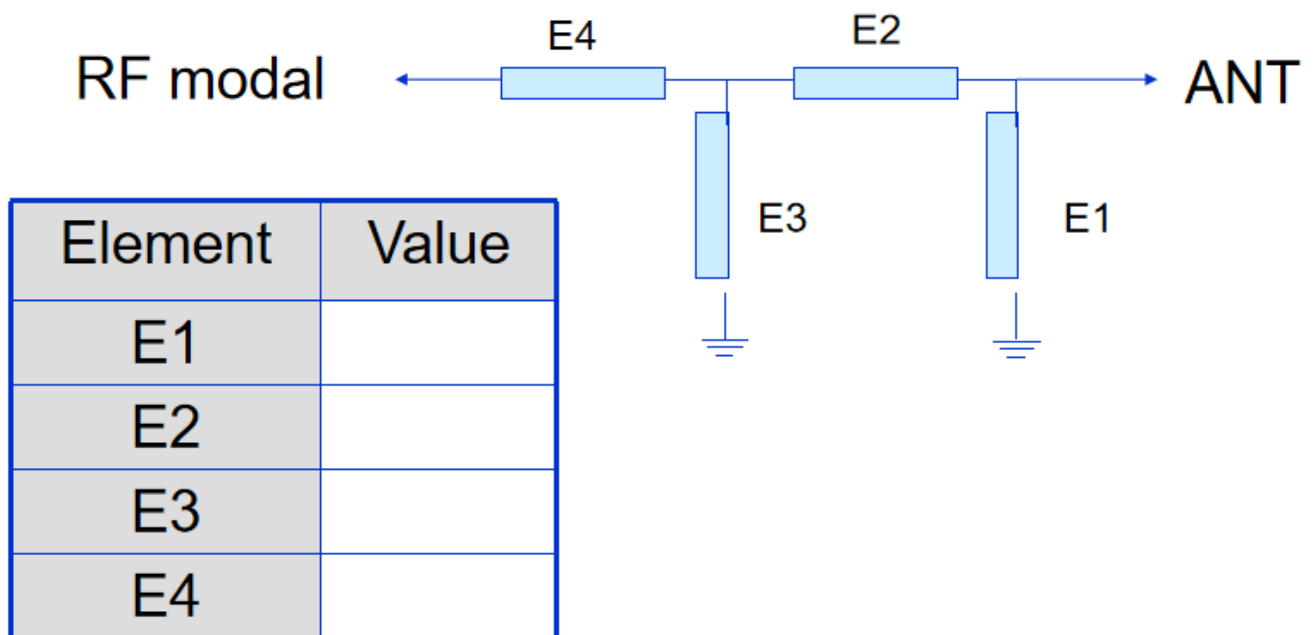


# Antenna information

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)



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

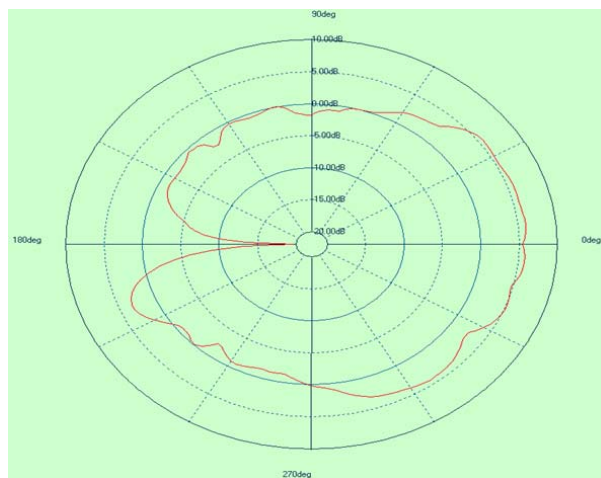
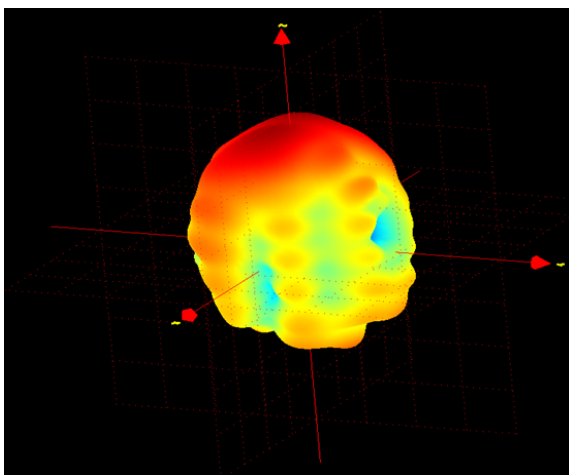
LTE-B71:- 0.83dBi

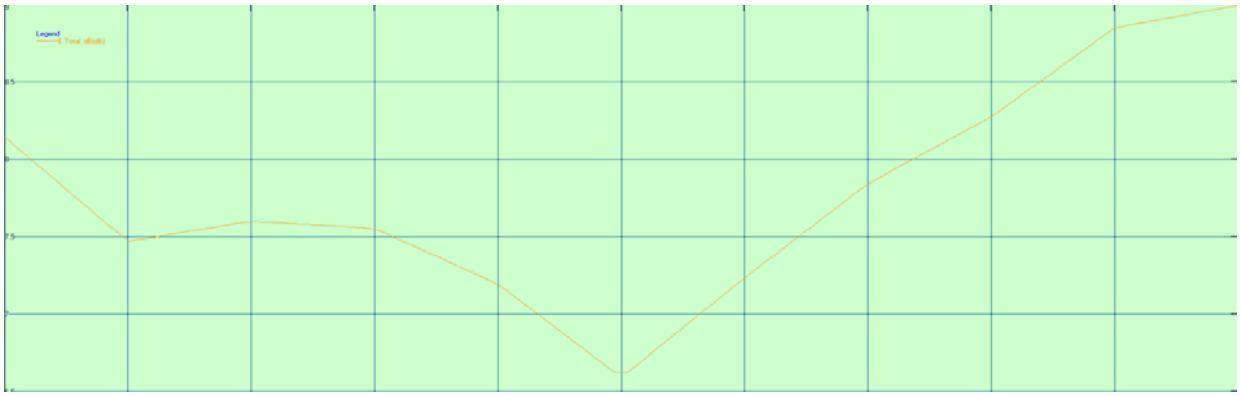
WIFI/BT: -1.02dBi

GPS: -0.53dBi

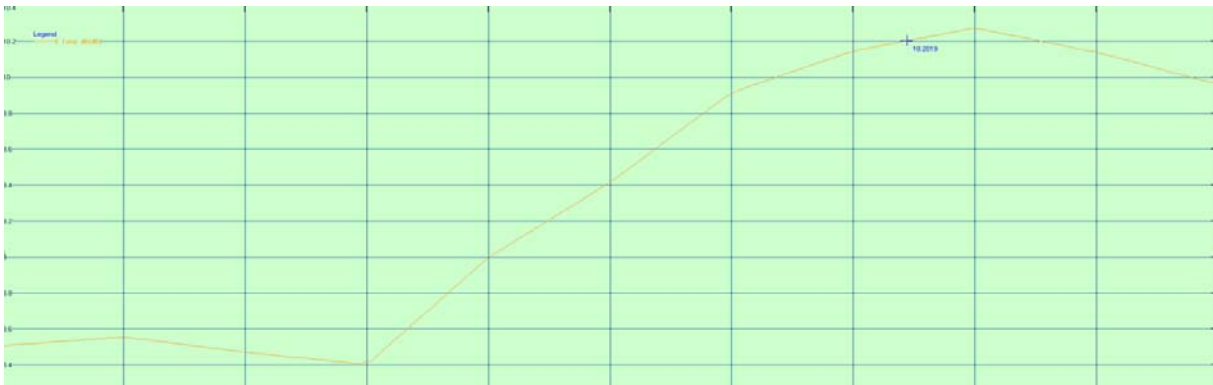
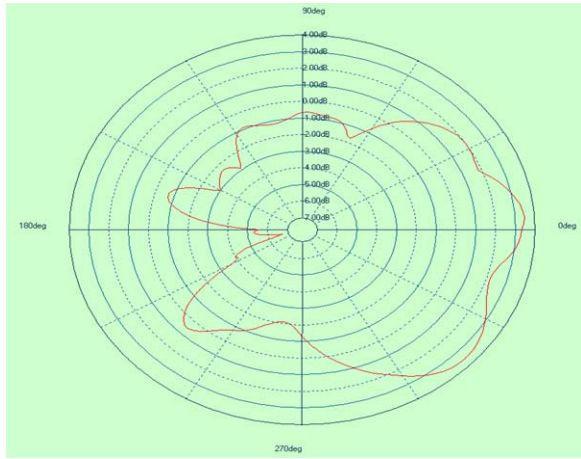
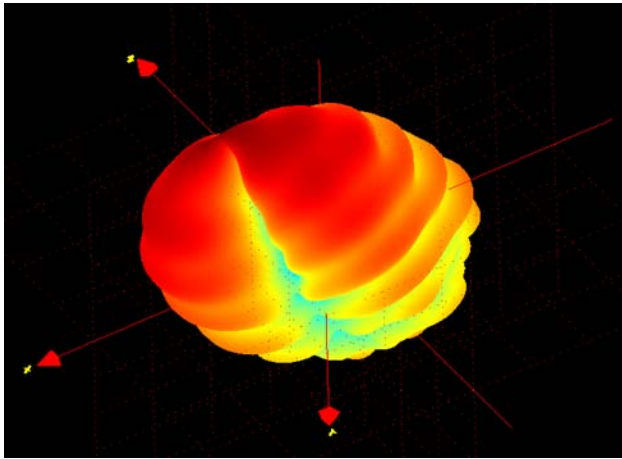
## 2.天线苹果图 Antenna apple chart

603MHZ~960MHZ

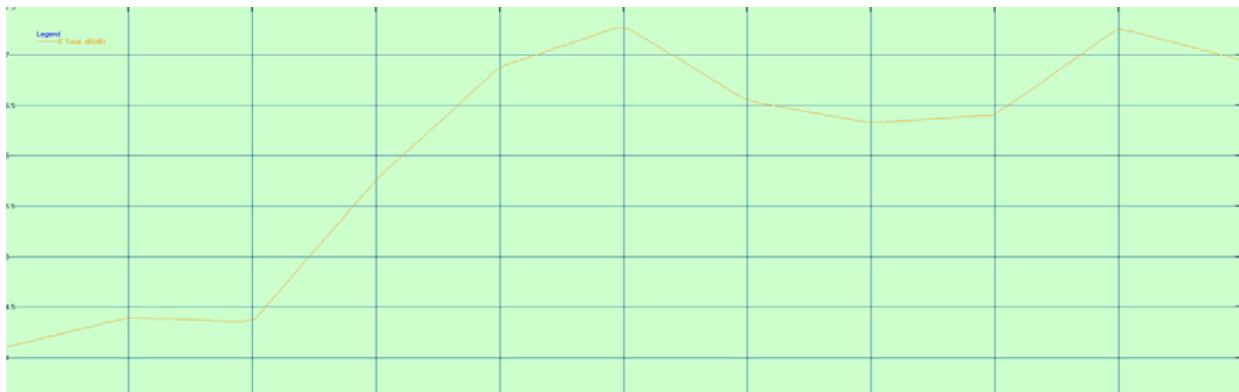
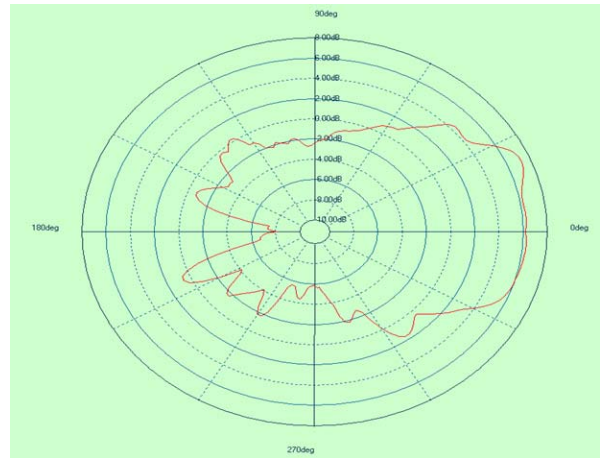
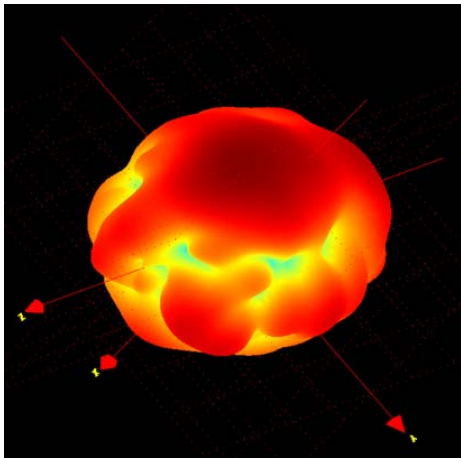




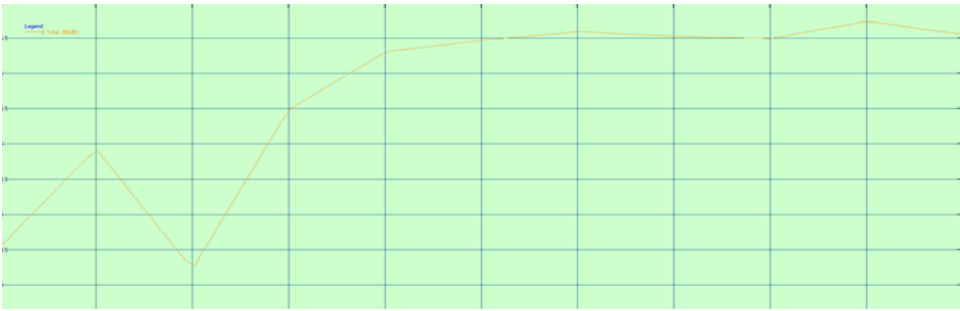
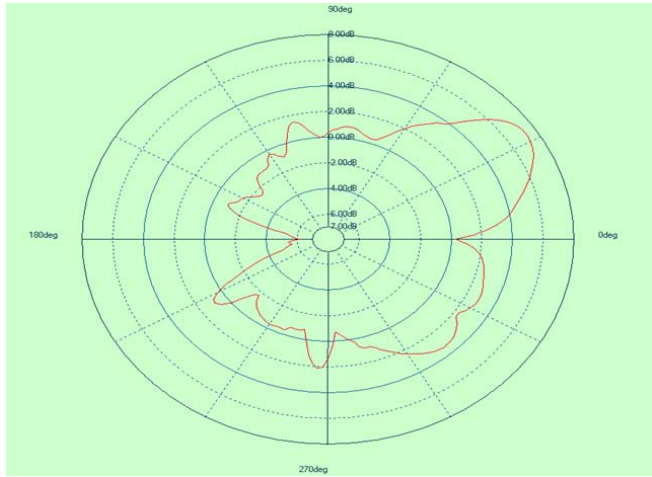
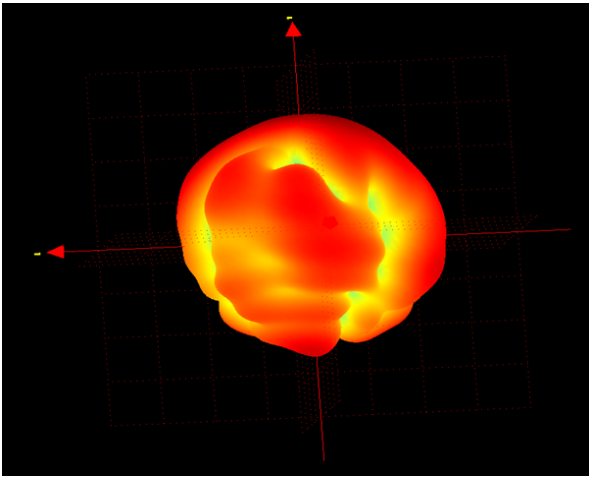
1710MHZ~2170MHZ



2500MHZ~2700MHZ



1550MHZ~1600MHZ(GPS)



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

