

天 线 规 格 书



Mobile antenna test report

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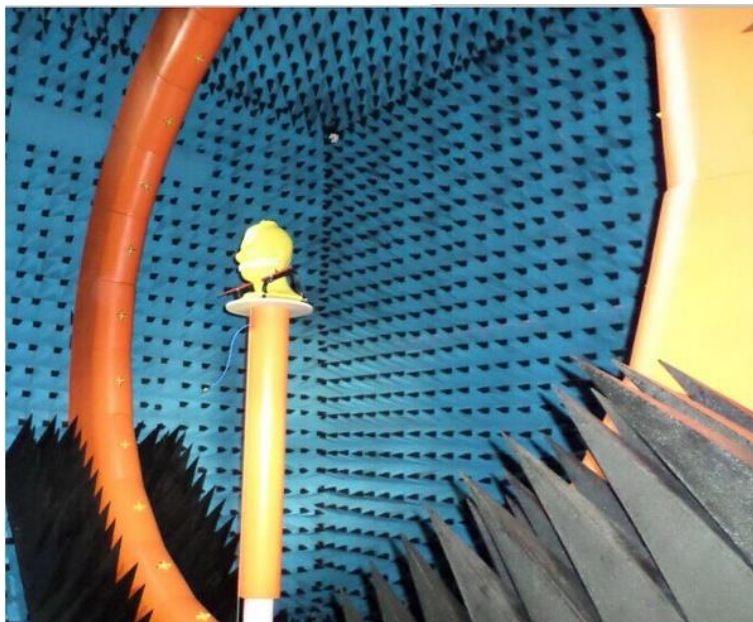
Office address: A316, Bldg. A, Languang Technology Bldg., No. 5
Xinxi Rd. W, Nanshan Dist., Shenzhen,

Test equipment

Wireless communications test set: CMW500

Network Analyzer: Agilent 5071B

Anechoic Chamber : SATIMO SG24



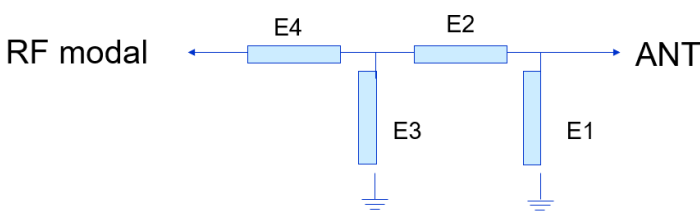
Antenna information

Customer	Boat of wealth
Antenna model	FPC

Antenna type	PIFA
Antenna band	GSM850/900/1800/1900 WCDMA- B1/B2/B5 LTE-B2/B3/B4/B5/B7/B28AB/B38

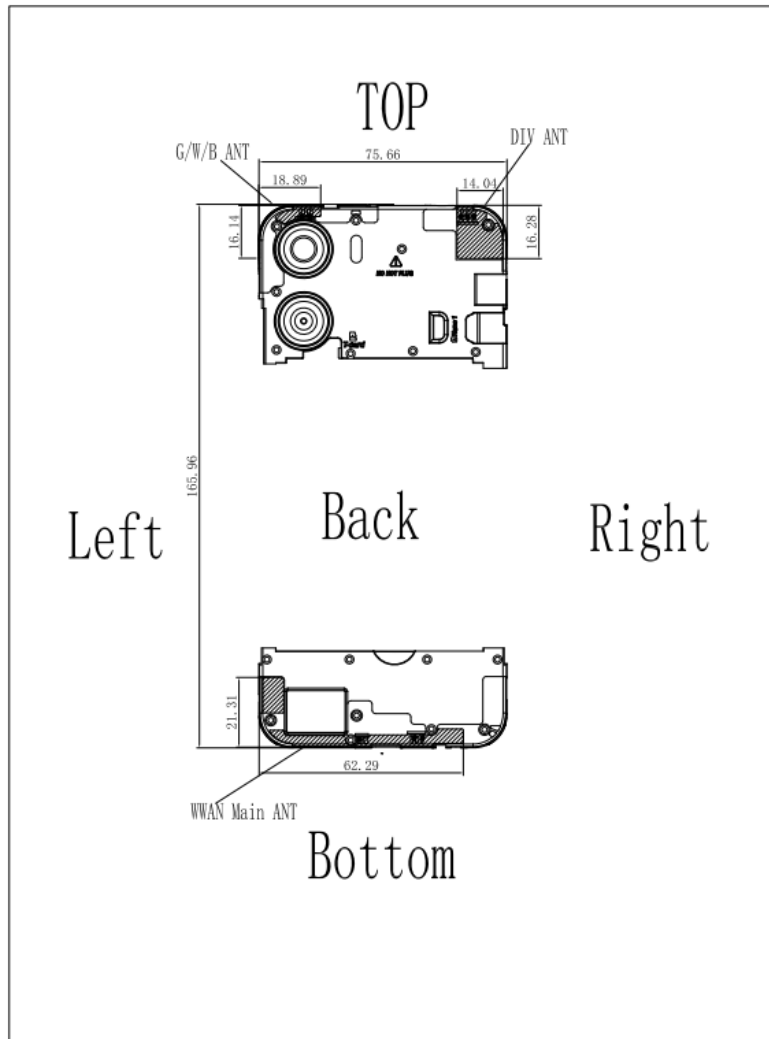
frequency range (MHz)	703-960	1710-2170	2500-2690
VSWR	<3.5	<3.5	<3.5

Matching circuit (No modification) :



Element	Value
E1	
E2	
E3	
E4	

天线位置图(体现所有天线的位置和使用频段)



All of Implementation antenna

Main antenna(Antenna Label:A):

LTE B5/B28AB RX&TX

LTE B2/B3/B4/B7/B38 RX

WCDMA B1/B2 RX

GSM B2/B3 RX

DIV antenna(Antenna Label:B):

LTE LTE B2/B3/B4/B7/B38 RX&TX

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

Antenna Max. Peak Gain:

GSM850: -1.69dBi

EGSM900: -1.57dBi

DCS1800: -1.13dBi

PCS1900: -1.21dBi

WCDMA2100: -1.53dBi

WCDMA1900: -1.57dBi

WCDMA850: -1.69dBi

LTE-B2: -1.51dBi

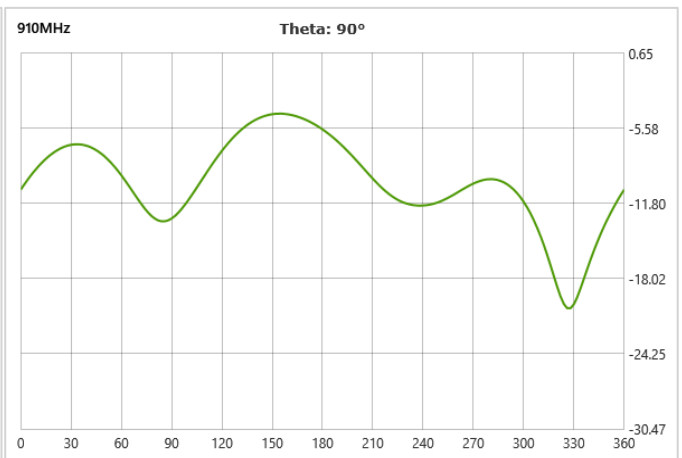
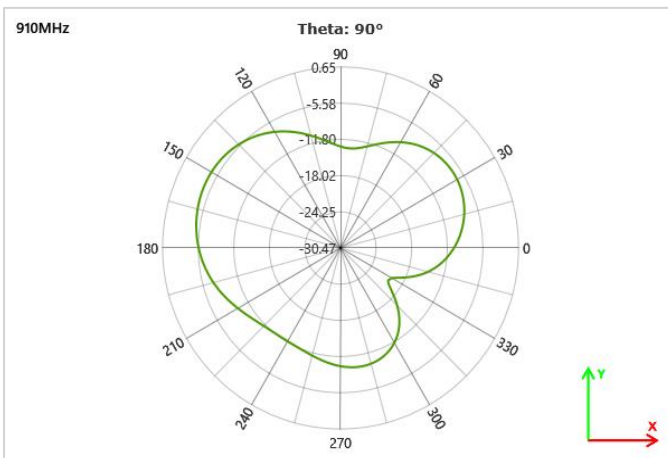
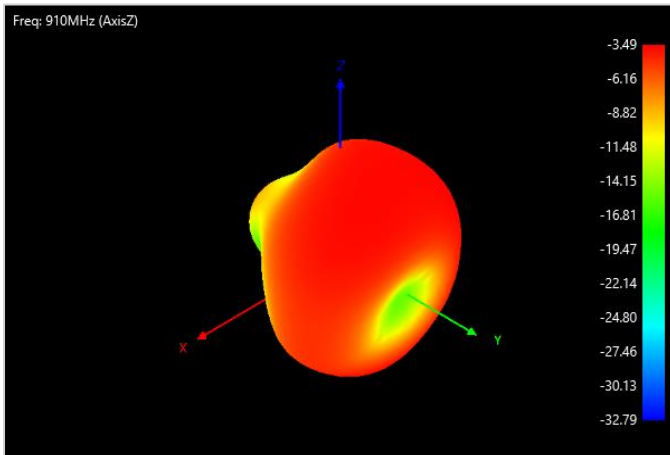
LTE-B3: -1.13dBi

LTE-B4: -1.13dBi

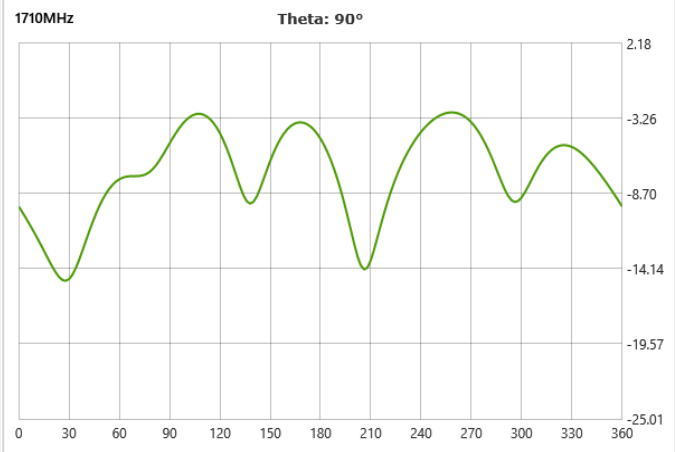
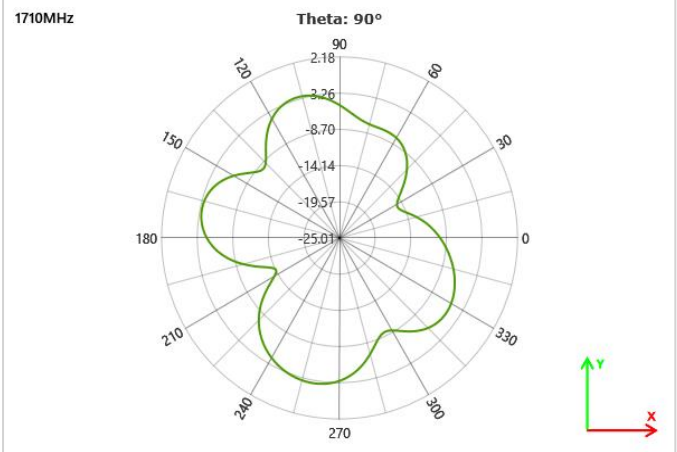
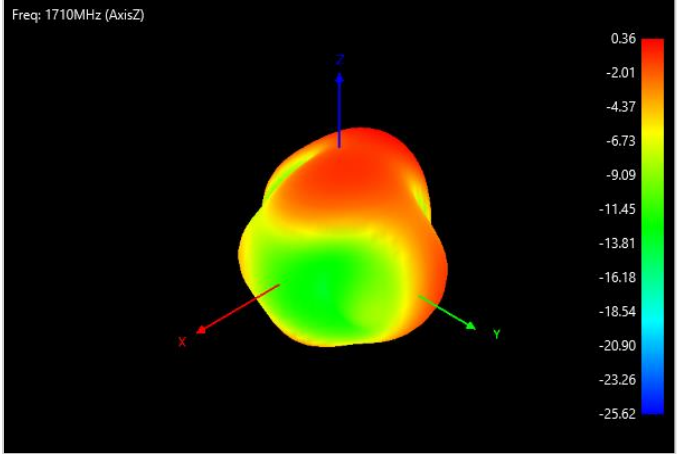
LTE-B5: -1.69dBi
 LTE-B7: -1.79dBi
 LTE-B28: -1.98dBi
 LTE-B38: -1.79dBi
 WIFI(2.4G)/BT: -1.21dBi
 GPS: -1.54Bi

3. 天线苹果图

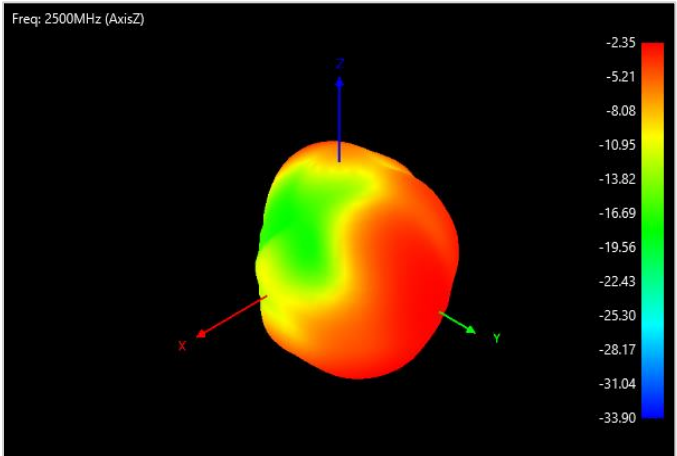
703MHZ~960MHZ

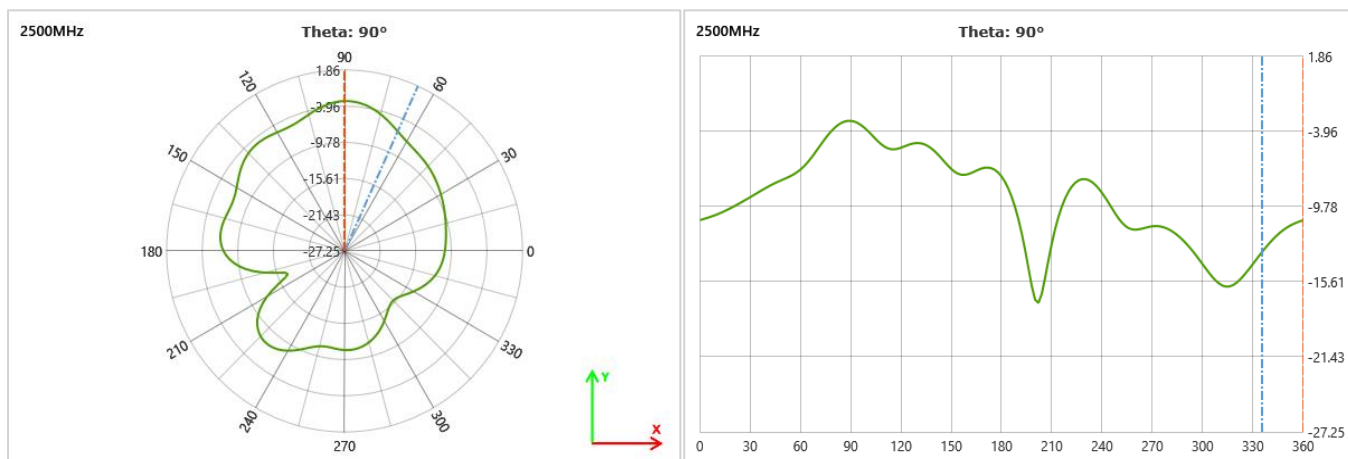


1710MHZ~2170MHZ

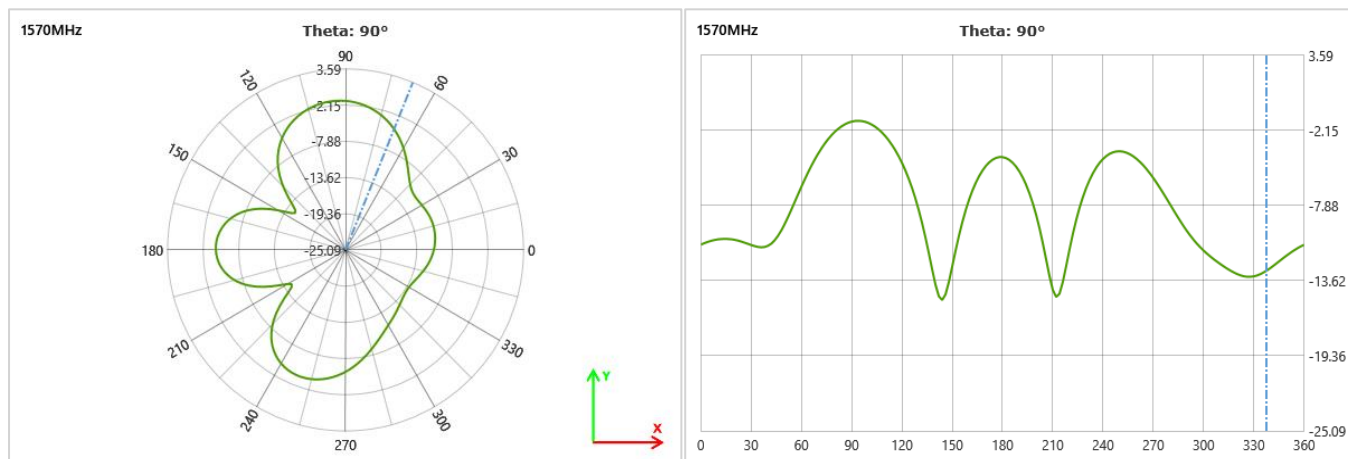
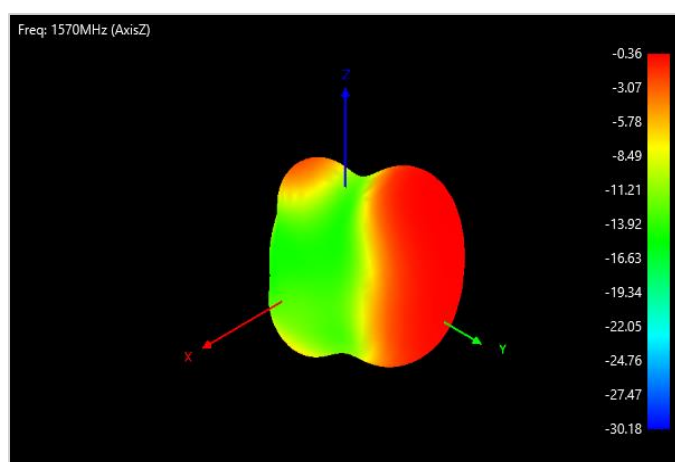


2400MHZ~2700MHZ

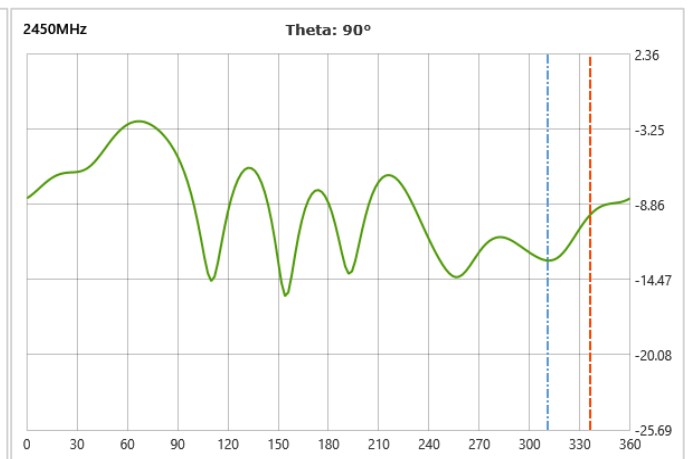
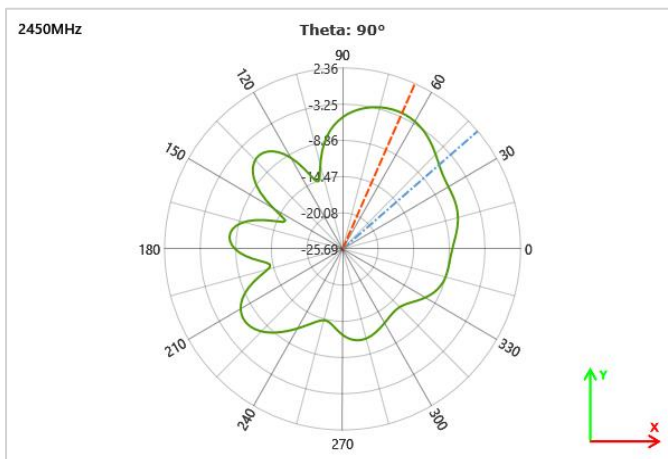
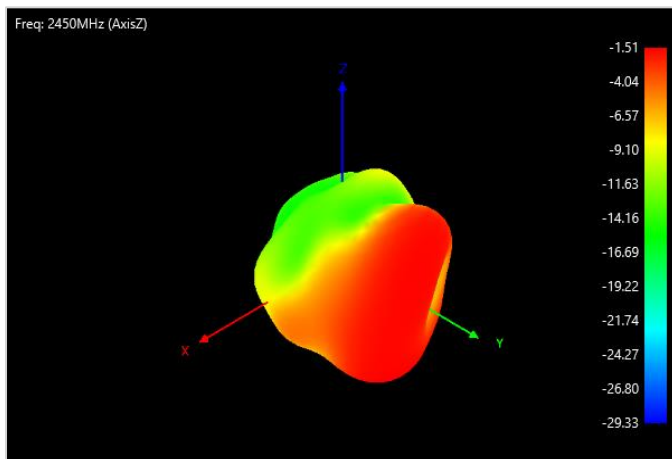




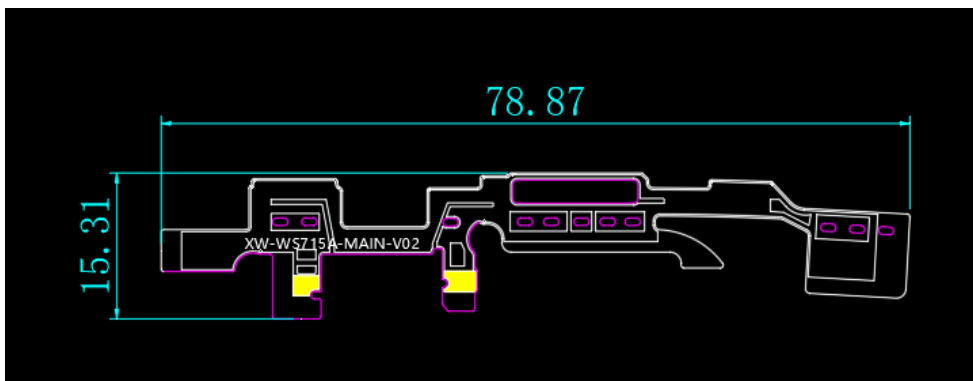
1550MHZ~1600MHZ (GPS)



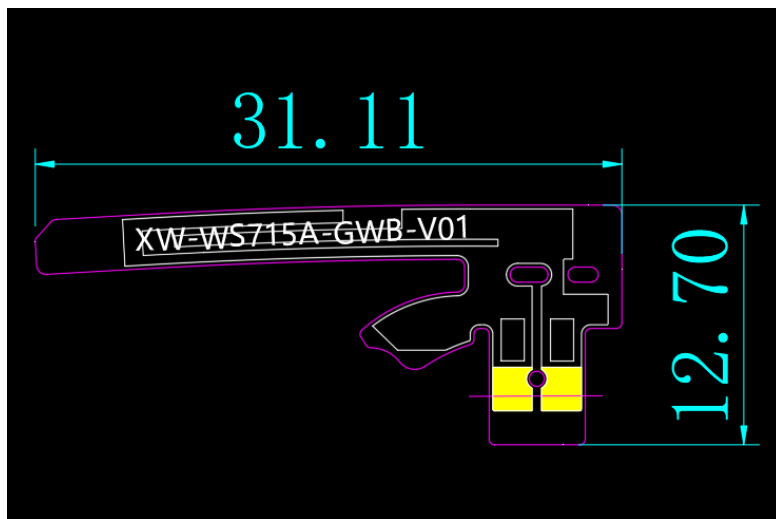
2400MHZ~2500MHZ (BT/WIFI 2.4G)



Dimensional drawing of main antenna



Dimensional drawing of GPS/WIFI/BT antenna



Dimensional drawing of diversity antenna

