

Antenna SPEC



Shenzhen 3Good Wireless Communication Co., Ltd

RF:Jiang Ning

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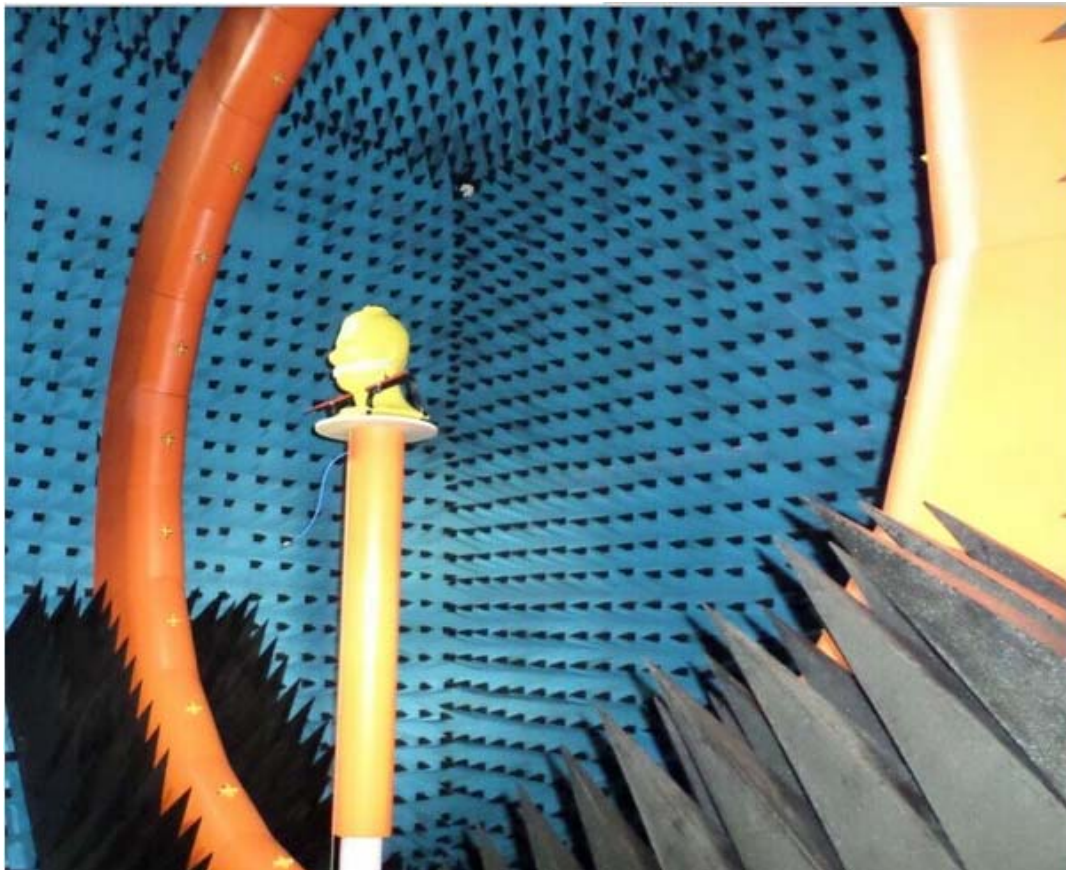
Office address: No. 1-8, 5th Floor, Jinfulai Building, No. 49-1 Dabao Road,
Bao'an District, Shenzhen

Test equipment

Wireless communications test set: CMW500

Network Analyzer: Agilent 5071B

Anechoic Chamber : SATIMO SG24

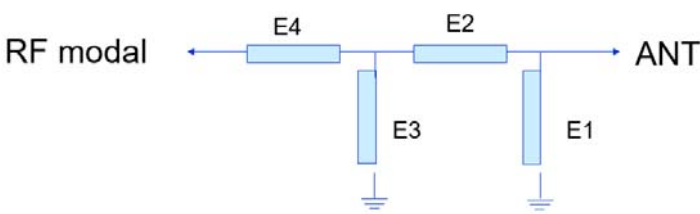


Antenna information

Customer	Boat of wealth
Antenna model	FPC
Antenna type	PIFA
Antenna band	GSM900/1800/850/1900 WCDMA- B1/B2/B5 LTE-B2/3/4/5/7/28/38

frequency range(MHz)	617-960	1710-2170	2490-2690
VSWR	<3.0	<2.5	<2.5

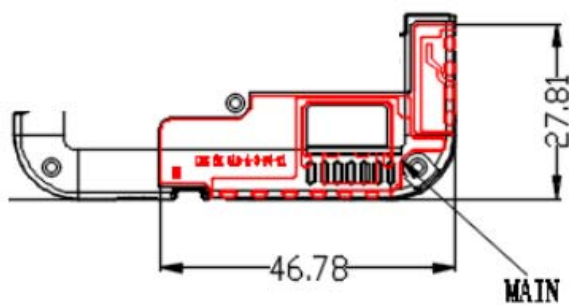
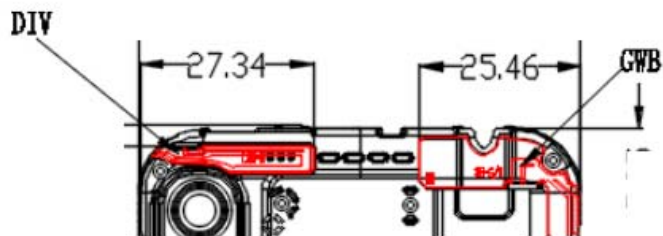
Matching circuit（No modification）：



Element	Value
E1	
E2	
E3	

E4

Antenna location:



Main: GSM900/1800/850/1900
WCDMA- B1/B2/B5
LTE- B2/3/4/5/7/28/38

All of Implementation antenna

Main antenna(Antenna Label):

LTE B2/3/4/5/7/28/38 RX&TX

WCDMA B1/2/5 RX&TX

GSM 850/900/1800/1900 RX&TX

WiFi/BT 2.4~2.5G/2412MHz~2485MHz& GPS: 1575.42 MHz ;

Antenna Max. Peak Gain:

EGSM900:0.29dBi

GSM850: 0.16dBi

DCS1800: 2.14dBi

PCS1900: 2.8dBi

WCDMA1: 1.12dBi

WCDMA2: 2.8dBi

WCDMA5: 0.16dBi

LTE-B2: 2.8dBi

LTE-B3: 2.14dBi

LTE-B4: 2.05dBi

LTE-B5: 0.16dBi

LTE-B7: 2.38dBi

LTE-B28:-2.26dBi

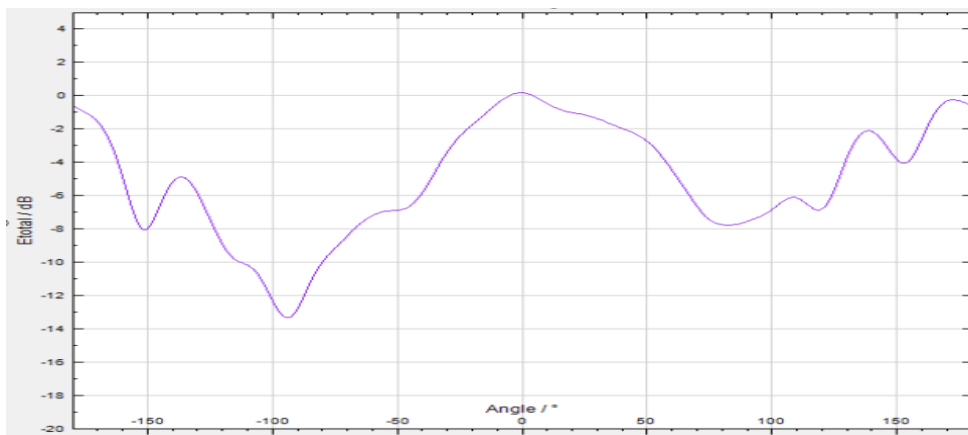
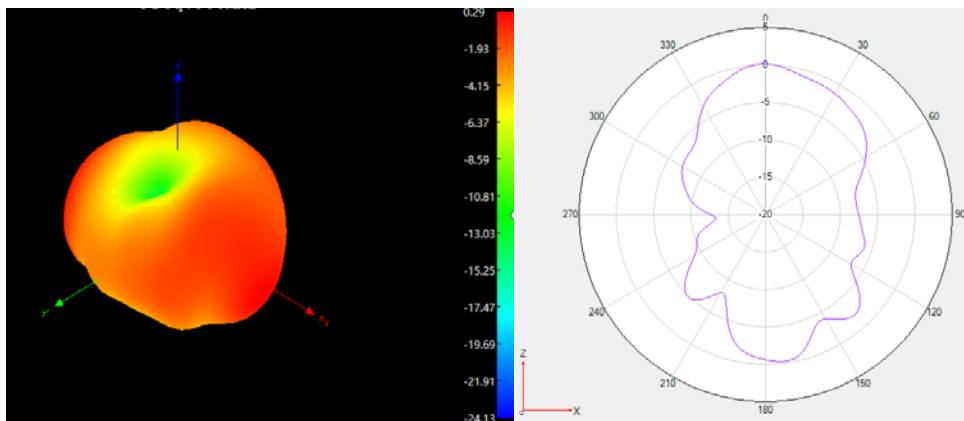
LTE-B38: 2.25dBi

WIFI/BT:1.05dBi

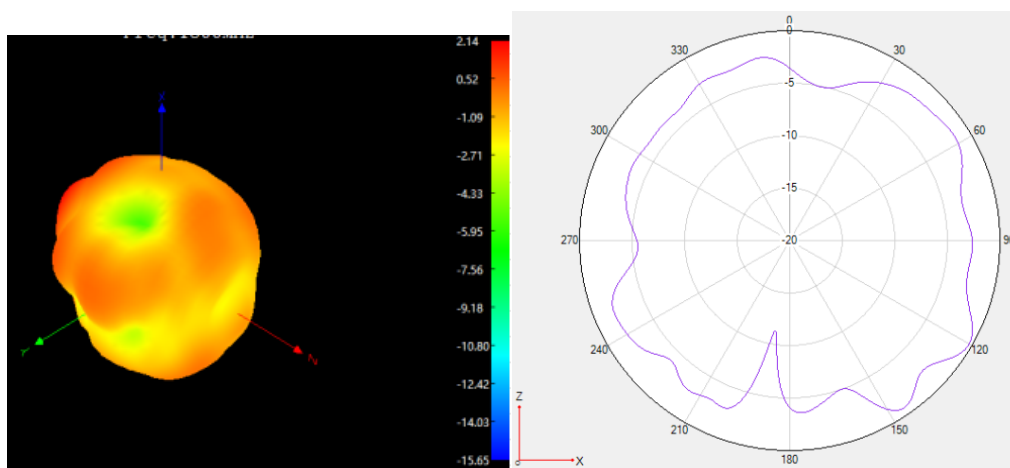
GPS: 0.53dBi

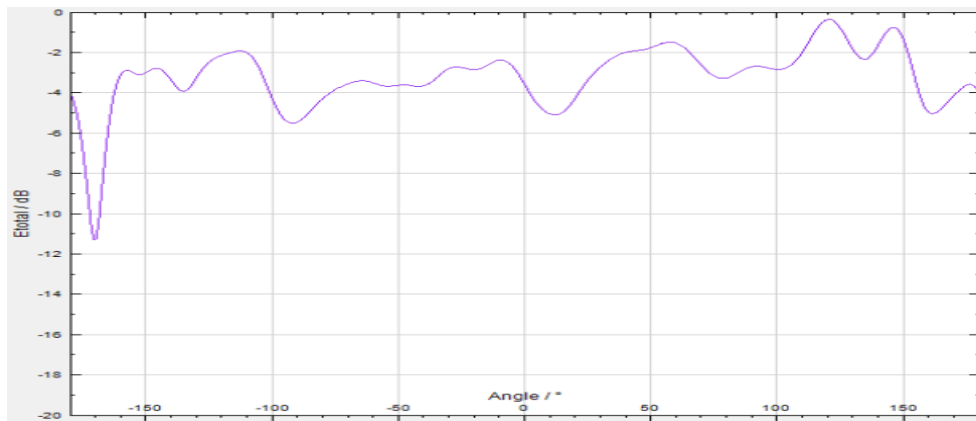
Antenna apple pattern

617MHZ~960MHZ

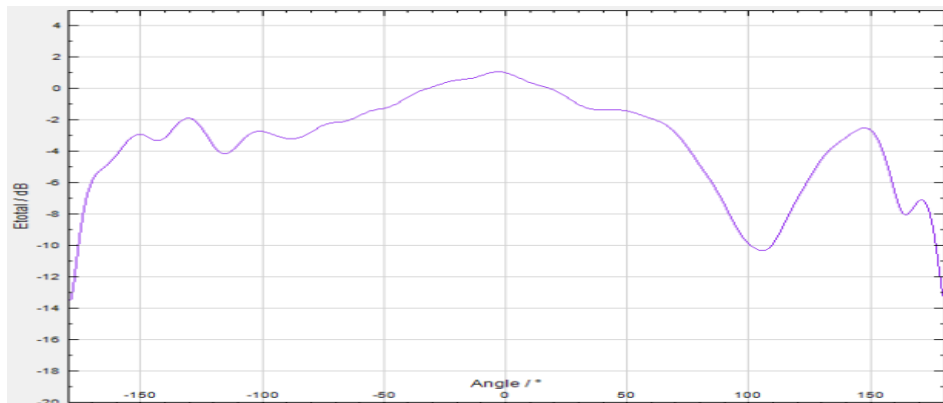
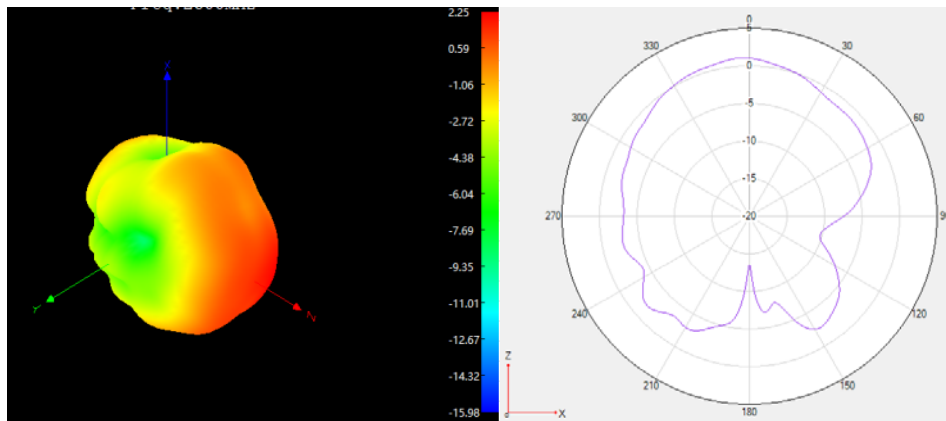


1710MHZ~2170MHZ

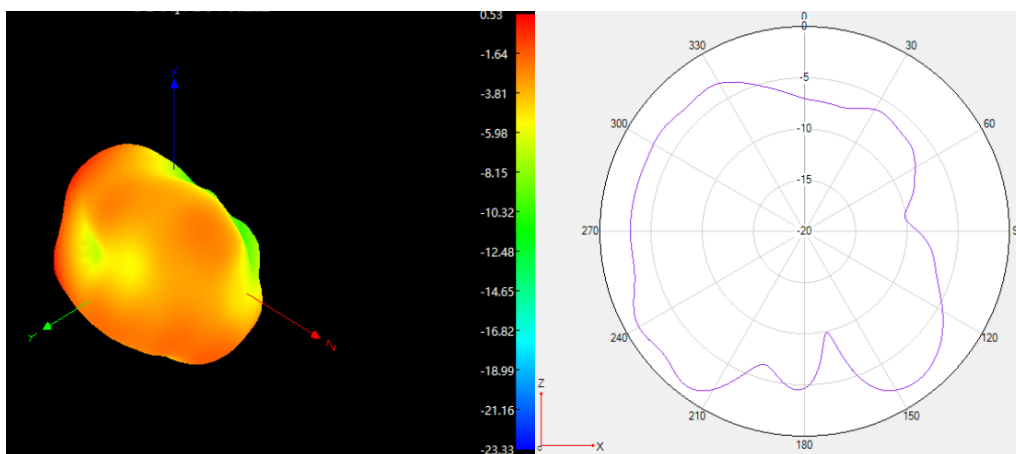


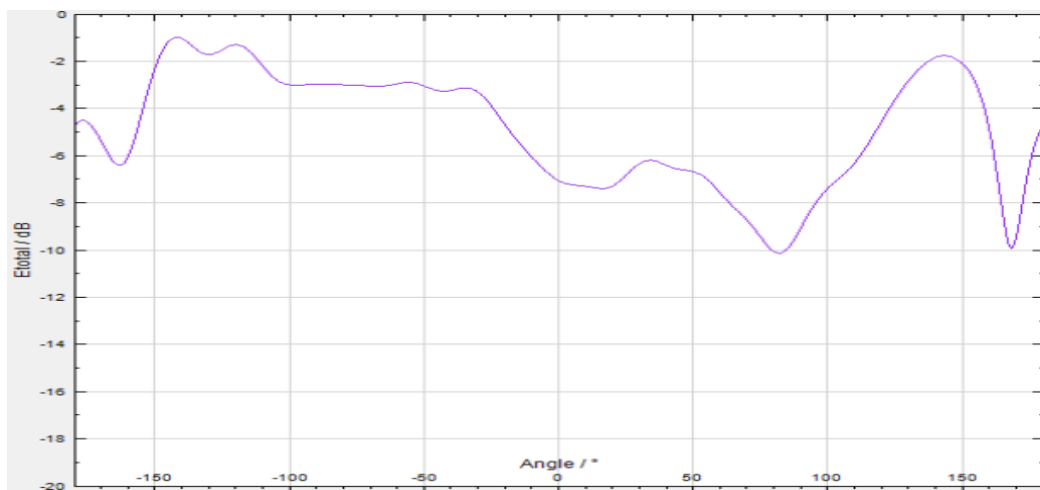


2500MHZ~2700MHZ



1550MHZ~1600MHZ(GPS)





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

