

Antenna SPEC

Manufacturer: Heyuan Xunwei Communication Technology Co., Ltd

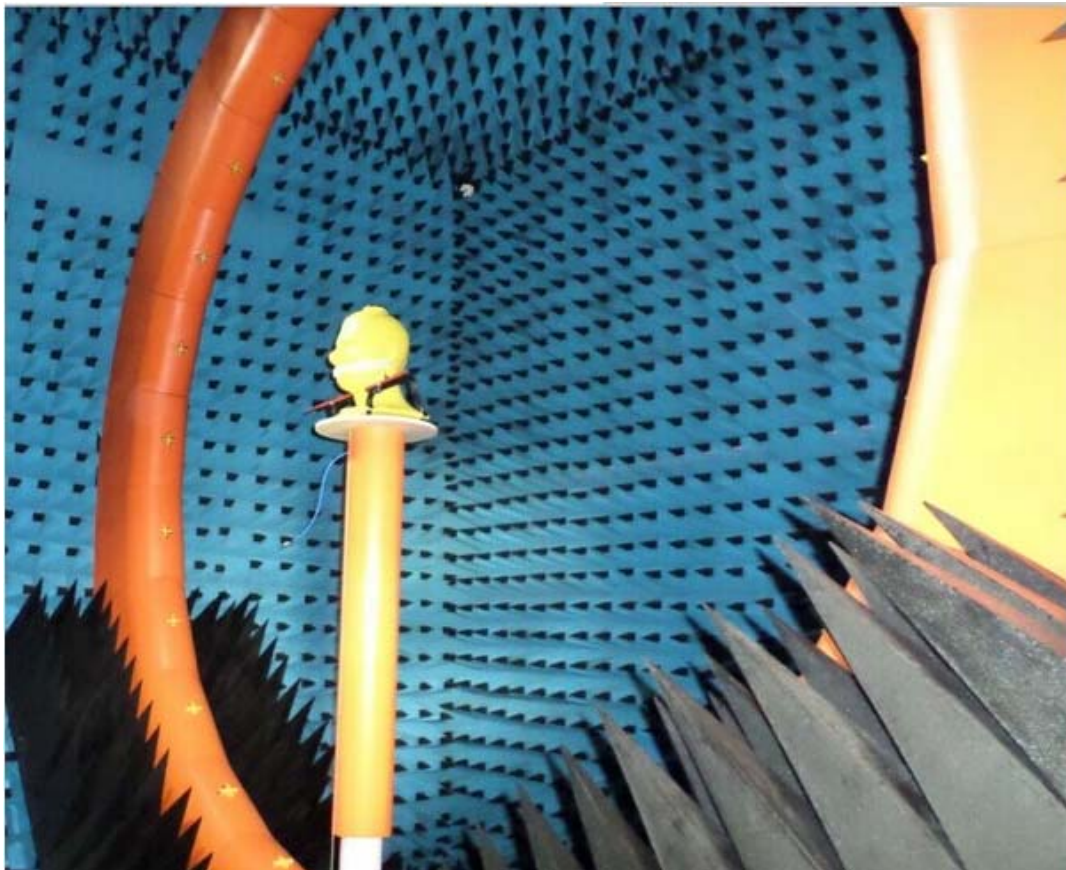
Address: Zone M, 8/F, Building 1, Baisha Xinxing Industrial Park, No. 3011,
Shahe West Road, Nanshan District, Shenzhen

Test equipment

Wireless communications test set: CMW500

Network Analyzer: Agilent 5071B

Anechoic Chamber : SATIMO SG24

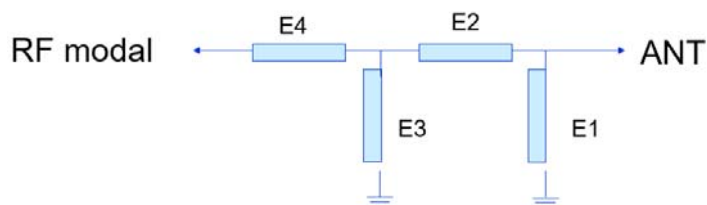


Antenna information

Antenna type	PIFA
Antenna band	GSM900/1800/850/1900 WCDMA- B1/B2/B5/B8 LTE-B2/B3/B4/B5/B7/B28ab

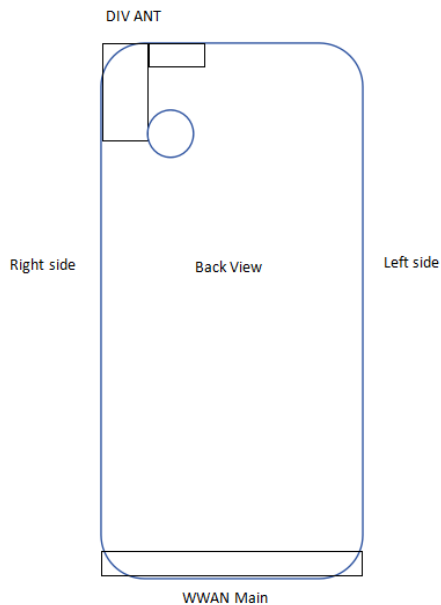
frequency range(MHz)	703-960	1710-2170	2490-2690
VSWR	<3.5	<3.5	<3.5

Matching circuit（No modification）：



Element	Value
E1	
E2	
E3	
E4	

Antenna position:



All of Implementation antenna

Main antenna(Antenna Label:A):

Main ANT:G850/900/1800/1900+W-B1/2/5/8+LTE-B2/3/4/5/7/28AB RX&TX

DIV antenna(Antenna Label:B):

Main ANT:G850/900/1800/1900+W-B1/2/5/8+LTE-B2/3/4/5/7/28AB RX

BT 2402MHz~2480MHz ;

Antenna Max. Peak Gain:

EGSM900:0.32dBi

GSM850: 0.04dBi

DCS1800: -1.68dBi

PCS1900: -0.58dBi

WCDMA2100: 0.63dBi

WCDMA1900: -0.58dBi

WCDMA850: 0.04dBi

WCDMA900: 0.32dBi

LTE-B2: -0.58dBi

LTE-B3: -1.68dBi

LTE-B4: -1.68dBi

LTE-B5: 0.04dBi

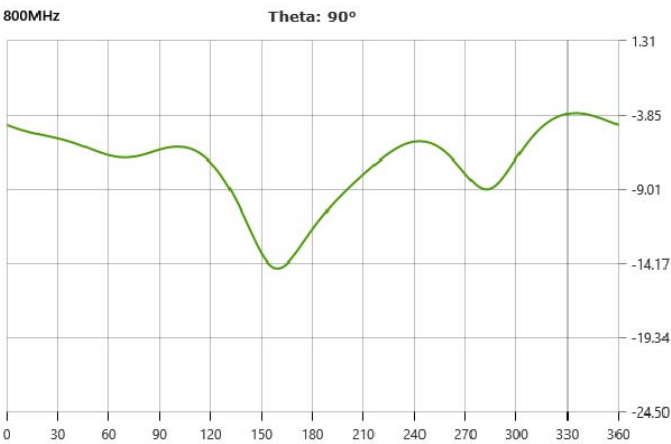
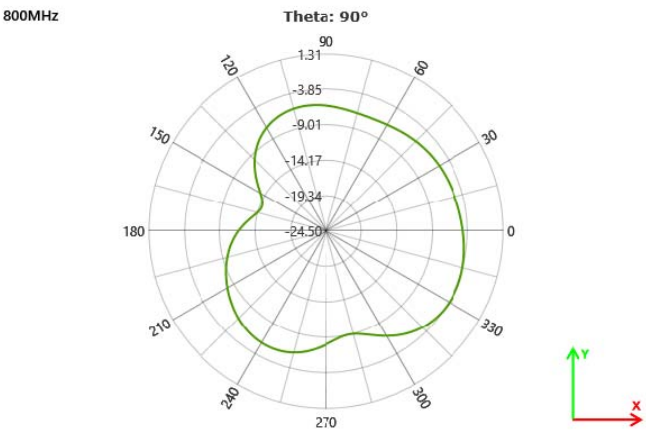
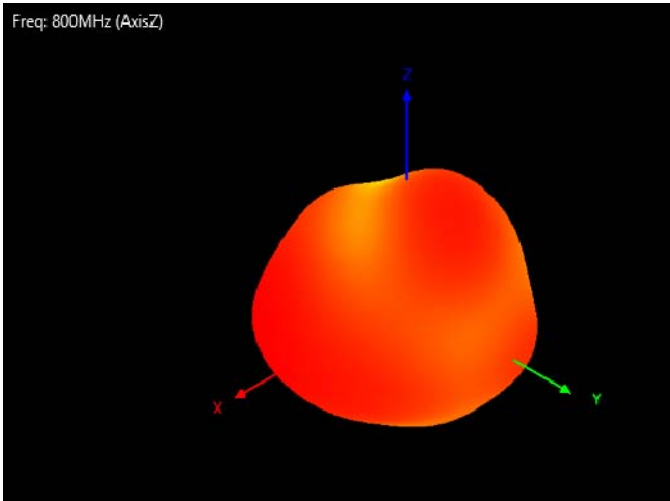
LTE-B7: -0.44dBi

LTE-B28ab:-1.82dBi

BT: -0.46dBi

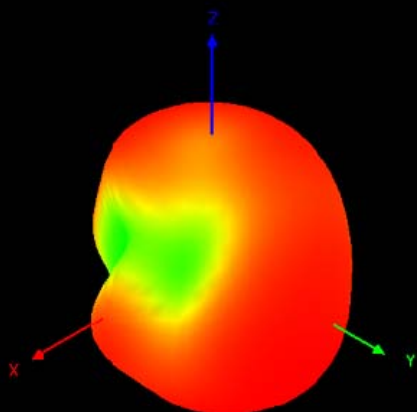
Antenna Apple diagram

703MHZ~960MHZ

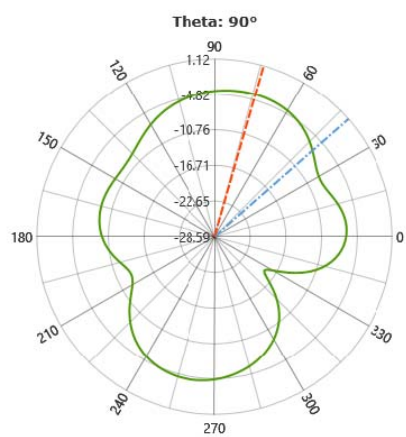


1710MHZ~2170MHZ

Freq: 1700MHz (AxisZ)

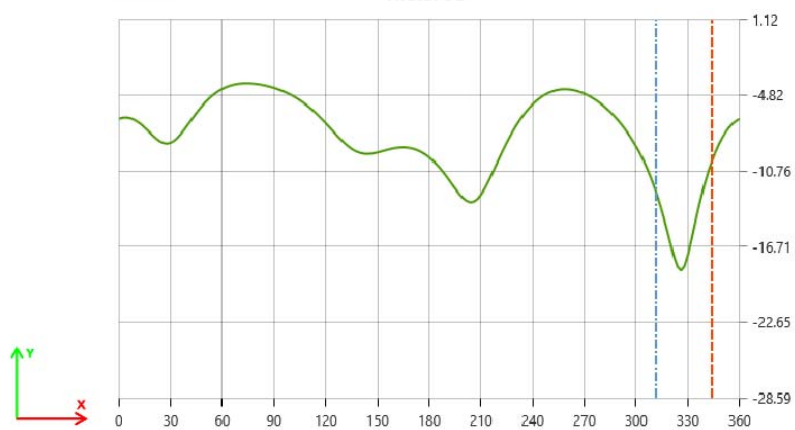


1710MHz



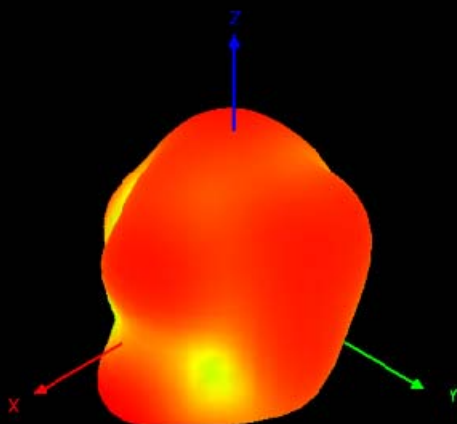
1710MHz

Theta: 90°

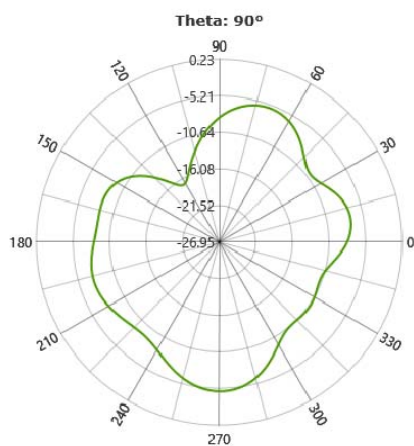


2500MHZ~2700MHZ

Freq: 2500MHz (AxisZ)



2500MHz

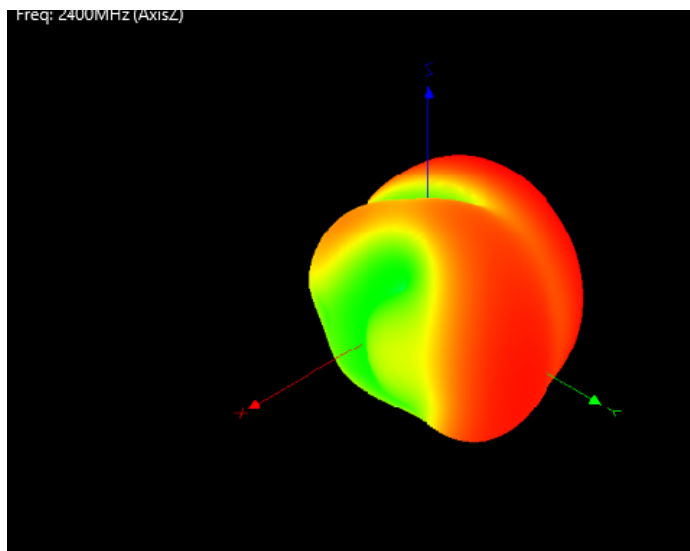


2500MHz

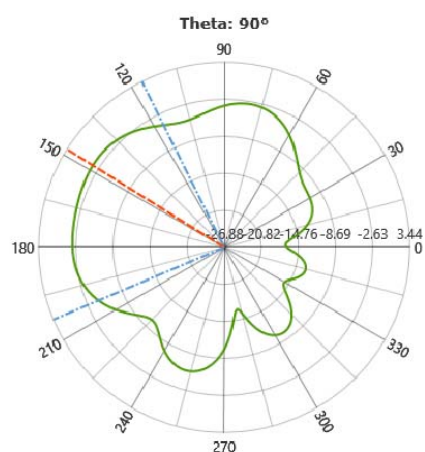


2400MHZ~2500MHZ(BT)

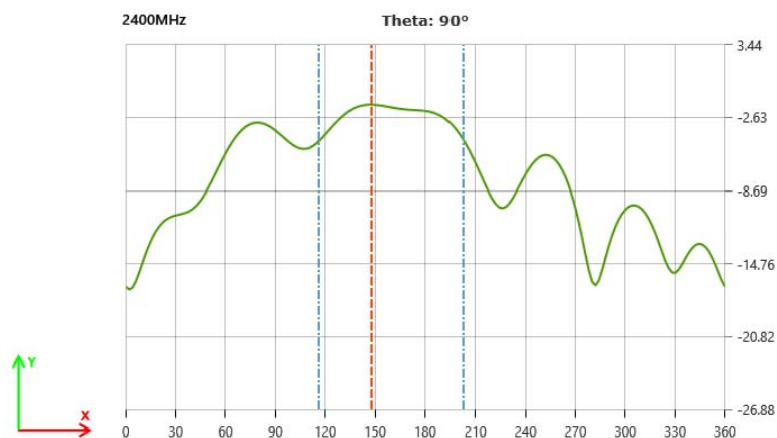
Freq: 2400MHz (AxisZ)



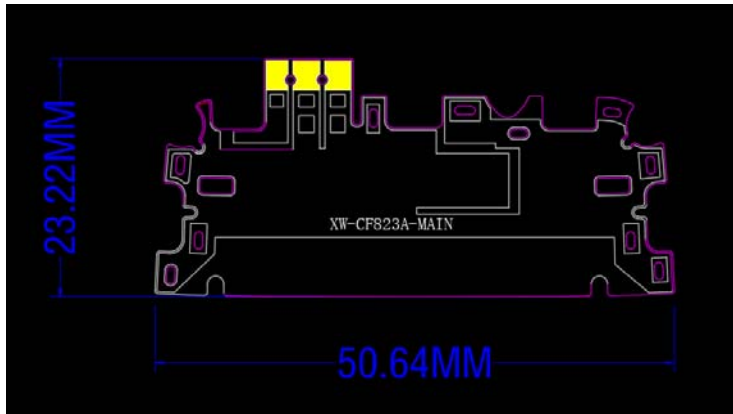
2400MHz



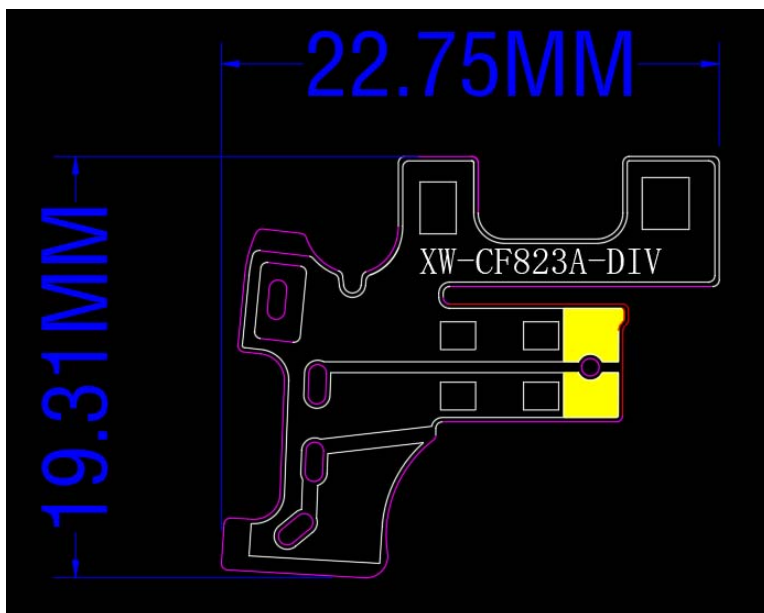
2400MHz



Dimensional drawing of main antenna



Dimensional drawing of diversity antenna



Dimensional drawing of BT antenna

