

天线规格书



Mobile antenna test report

Heyuan Xunwei Communication Technology Co., Ltd

RF:Qiu dazhong

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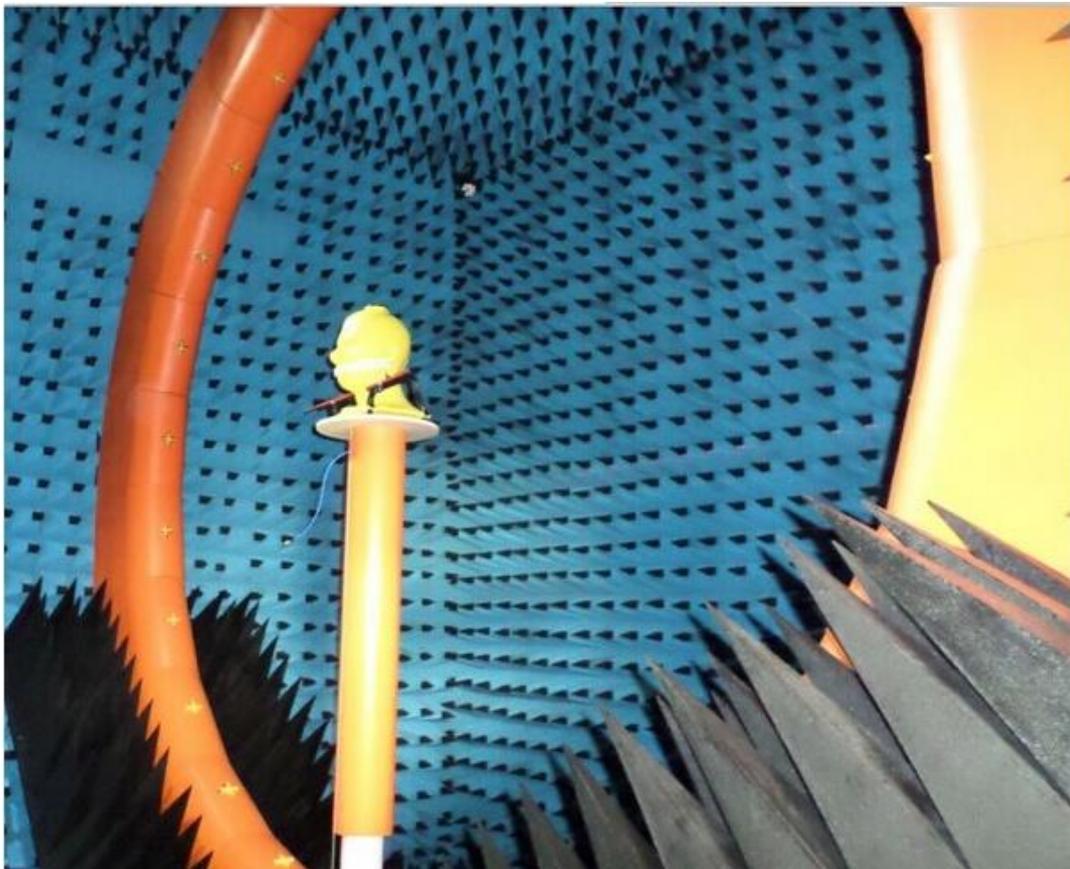
Office address: A316, Bldg. A, Languang Technology Bldg., No. 5
Xinxi Rd. W, Nanshan Dist., Shenzhen,

Test equipment

Wireless communications test set: CMW500

Network Analyzer: Agilent 5071B

Anechoic Chamber : SATIMO SG24

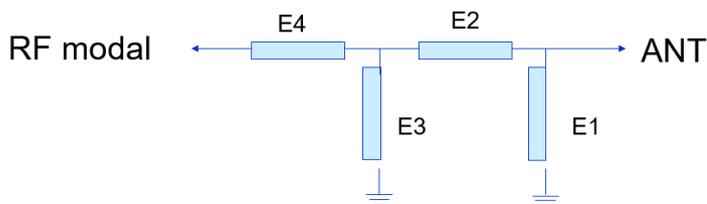


Antenna information

Customer	Boat of wealth
Antenna model	FPC
Antenna type	PIFA
Antenna band	GSM900/1800/850/1900 WCDMA- B1/B2/B5 LTE-B2/B3/B4/B5/B28AB/B7/B38

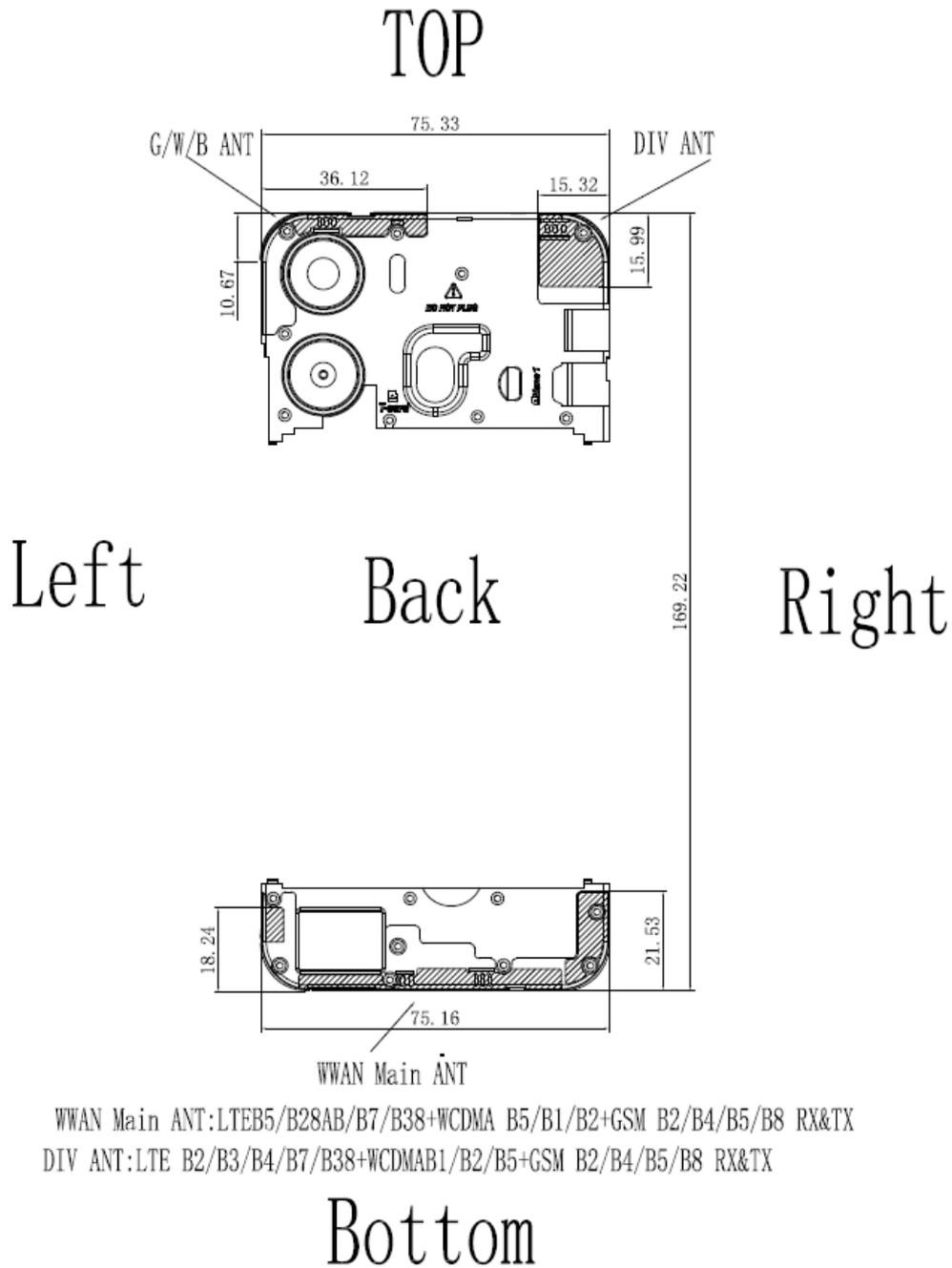
frequency range (MHz)	703-960	1710-2170	2490-2690
VSWR	<3.5	<3.5	<3.5

Matching circuit (No modification) :



Element	Value
E1	
E2	
E3	
E4	

Antenna position



WWAN Main ANT:LTEB5/B28AB/B7/B38+WCDMA B5/B1/B2+GSM B2/B4/B5/B8 RX&TX
 DIV ANT:LTE B2/B3/B4/B7/B38+WCDMAB1/B2/B5+GSM B2/B4/B5/B8 RX&TX

All of Implementation antenna
 Main antenna(Antenna Label:A):
 LTE B5/B28AB RX&TX / B7/B38 RX
 WCDMA B5 RX&TX / B1/B2 RX
 GSM B5/B8 RX&TX / B2/B4/ RX
 DIV antenna(Antenna Label:B):
 LTE B5/B28AB RX / B2/B3/B4/B7/B38 RX&TX
 WCDMA B5 RX / B1/B2 RX&TX

GSM B5/B8 RX / B2/B4/ RX&TX
WiFi/BT 2.4~2.5G/2412MHz~2472MHz& GPS: 1575.42 MHz ;

Antenna Max. Peak Gain:

EGSM900:-2.21dBi

GSM850: -2.32dBi

DCS1800: -0.77dBi

PCS1900: -0.58dBi

WCDMA2100: -0.89dBi

WCDMA1900: -0.58dBi

WCDMA850: -2.32dBi

LTE-B2: -0.58dBi

LTE-B4: -0.75dBi

LTE-B5: -2.32dBi

LTE-B28AB: -1.72dBi

LTE-B7: -0.74dBi

LTE-B38: -0.78dBi

WIFI/BT: -0.71dBi

GPS: -0.63dBi

DCS1800/PCS1900/WB1/WB2/LTE B2/B3/B4/B7/B38

Three-in-one-antenna

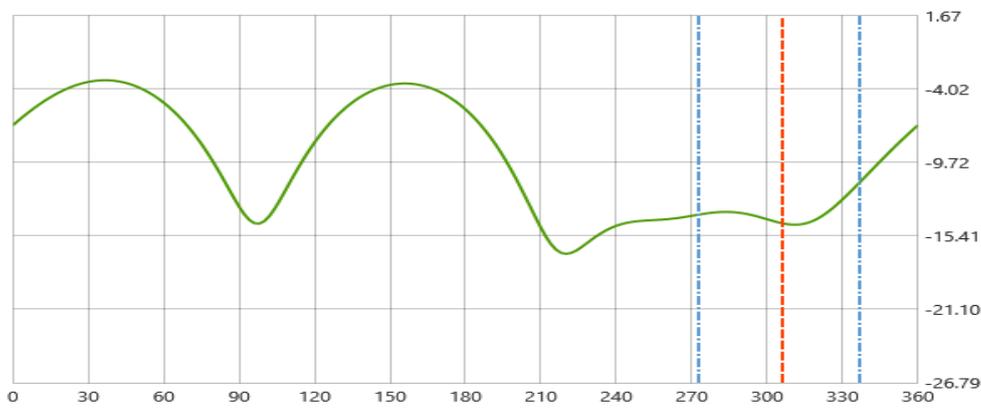
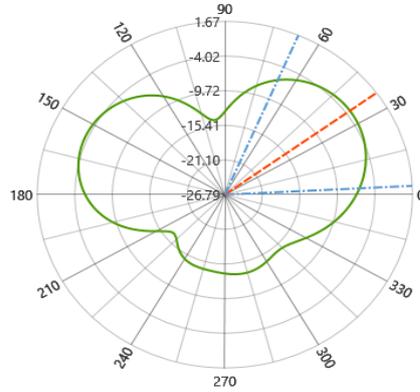
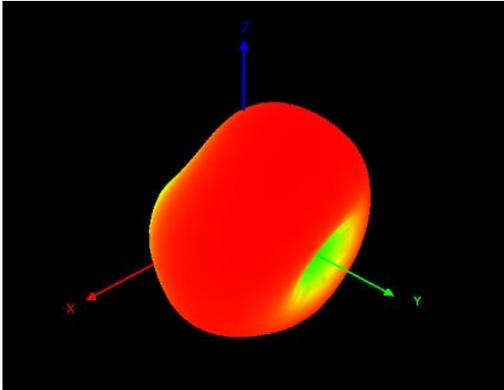
DIV antenna



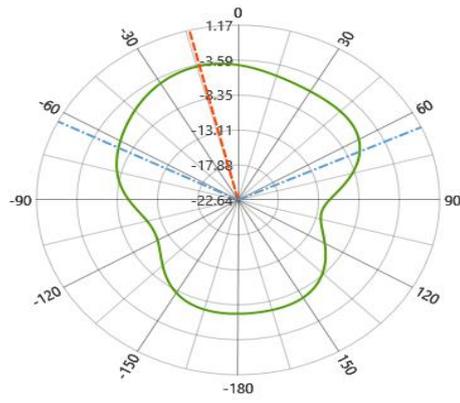
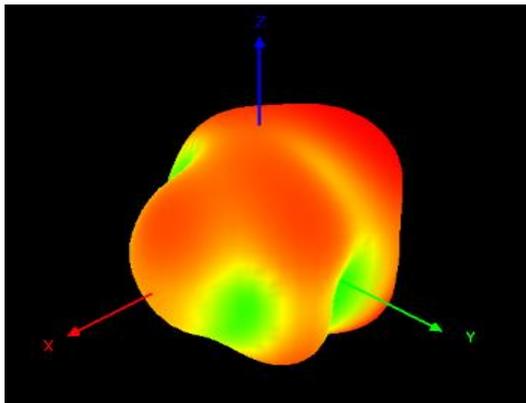
GSM900/850 WB5/LTE B5.B28AB

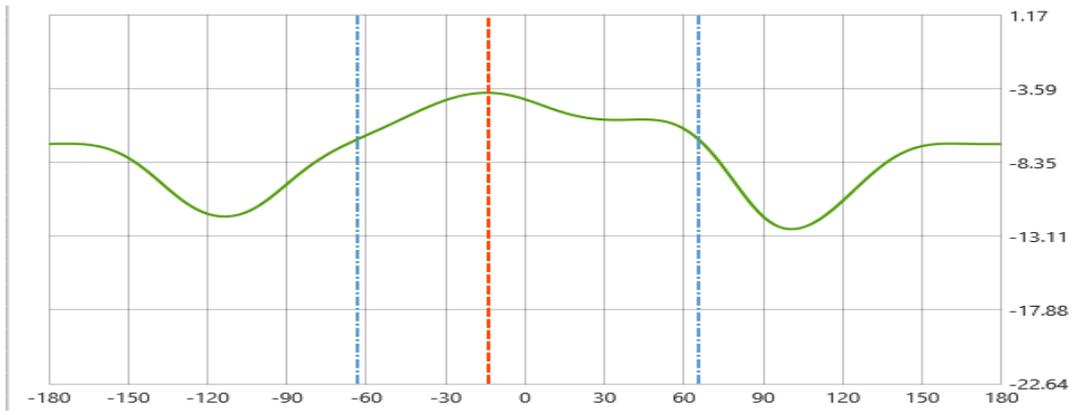
3. 天线苹果图

703MHZ~960MHZ

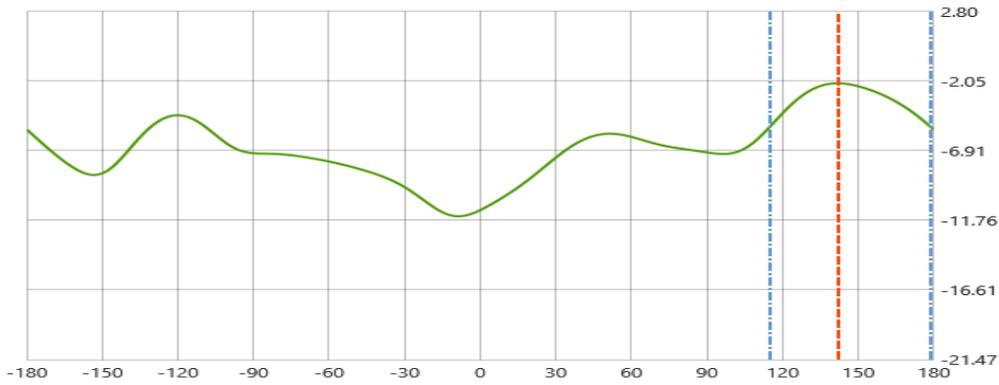
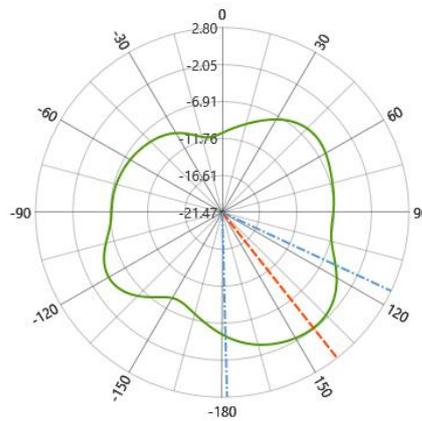
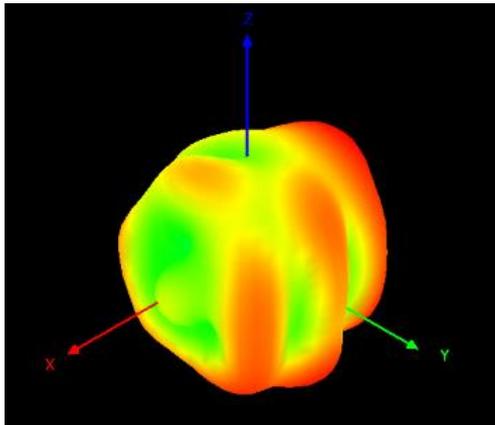


1710MHZ~2170MHZ

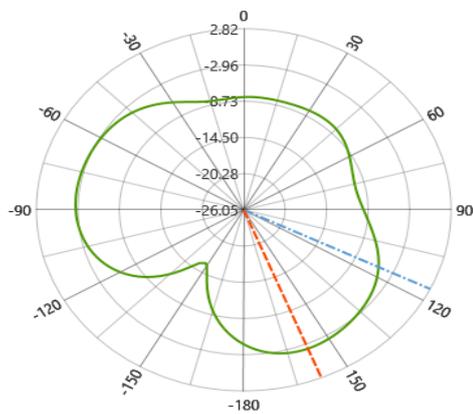
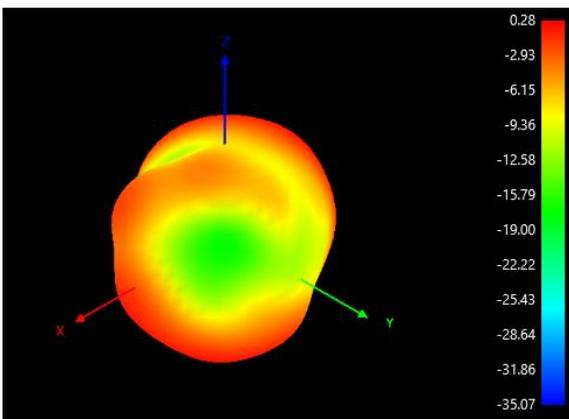


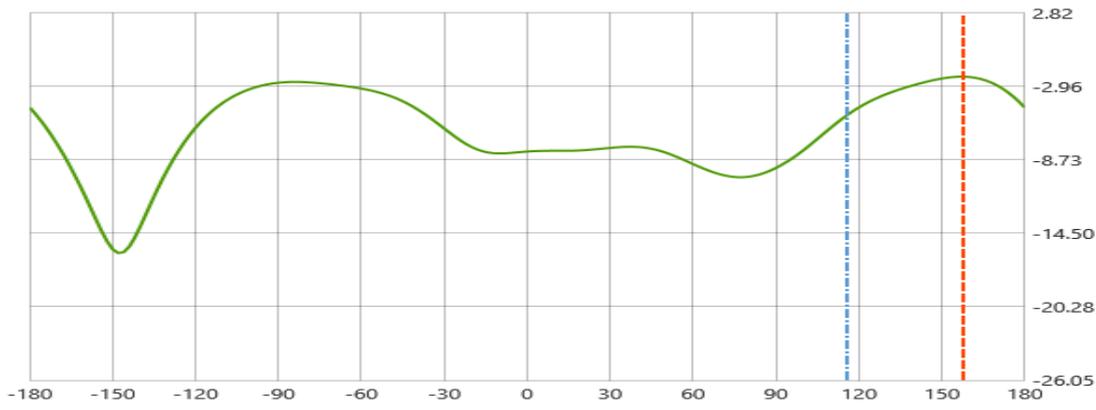


2500MHZ ~ 2700MHZ

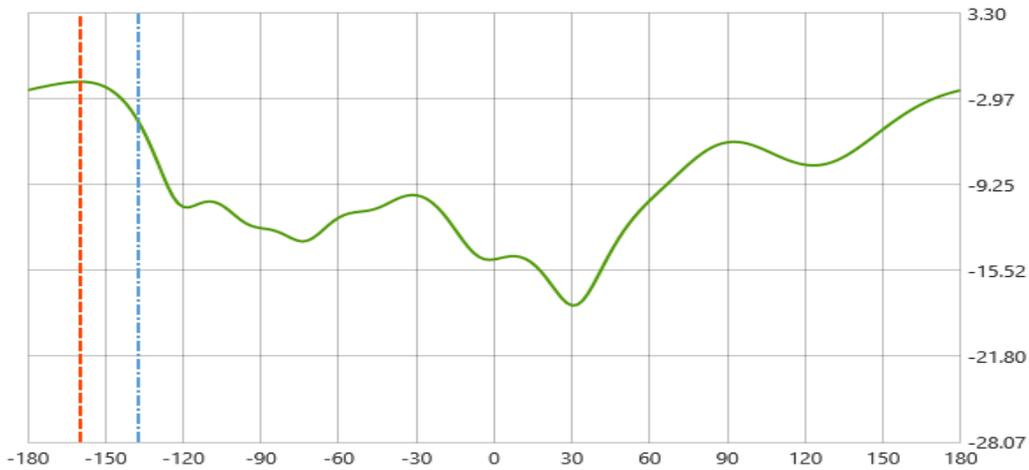
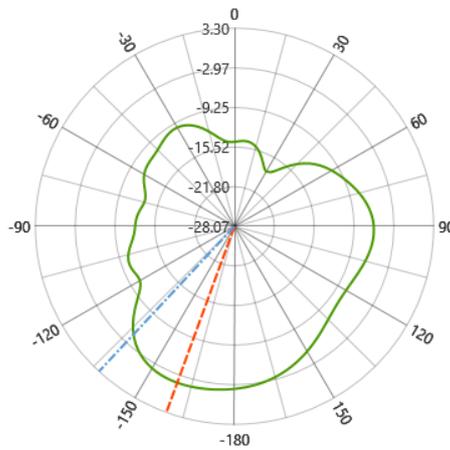
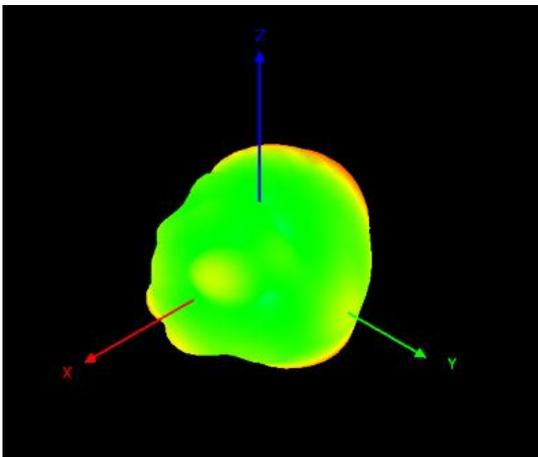


1550MHZ ~ 1600MHZ (GPS)

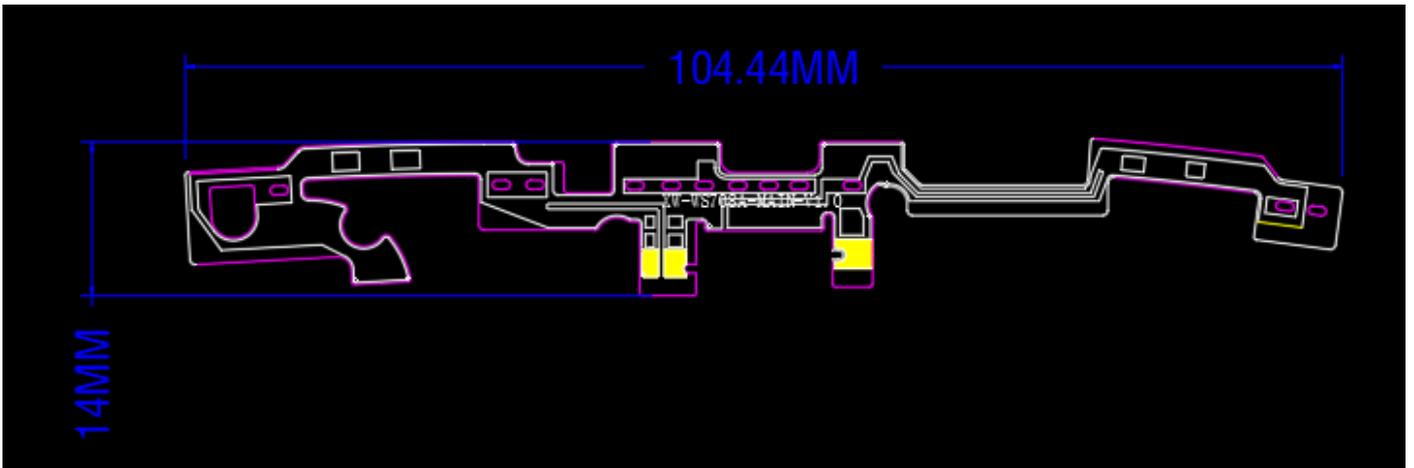




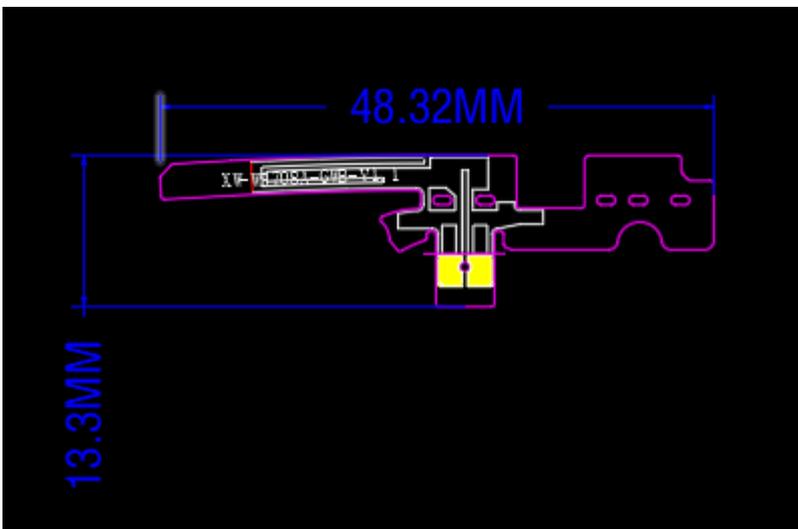
2400MHZ~2500MHZ (BT/WIFI 2.4G)



Dimensional drawing of main antenna



Dimensional drawing of GPS/WIFI/BT antenna



Dimensional drawing of diversity antenna

