

Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

Application

※GSM850/GSM900/DCS1800/1900
WCDMA /2100/1900/1700/900/850
FDD B1/2/3/4/5/7/8/12/17/28/66
communication applications

※Antenna manufacturer

Sunnyway Technology (China) Co., Ltd
Shanghai R&D Center :

1F,Building4,No.99,Lane215,GaoGuangRoad,QingPuDistrict,201702,Shanghai,PRC

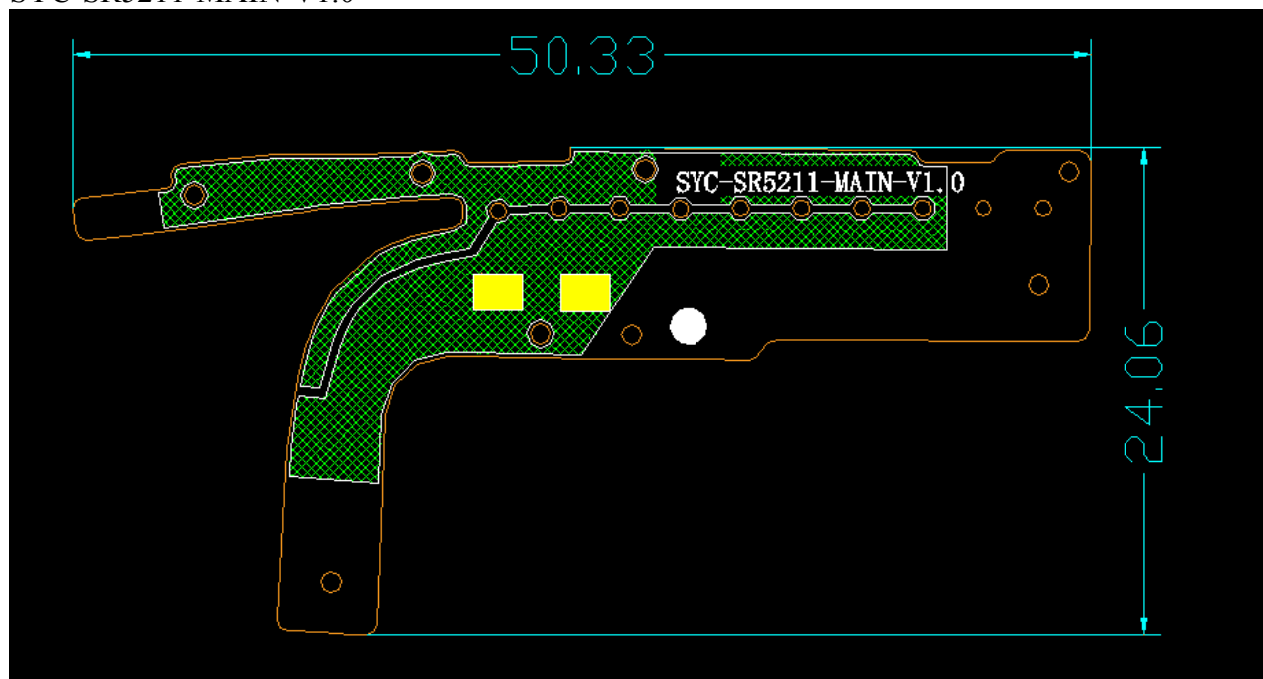
Shenzhen R&D Center : Room405,JinkeBuilding,No.8QiongyuRoad,Shenzhen518057,PRC

Chongqing R&D Center : 1st Floor, Building C08-1, No. 99, Data Valley East Road, Xiantao Street, Yubei District, Chongqing 401120, PRC

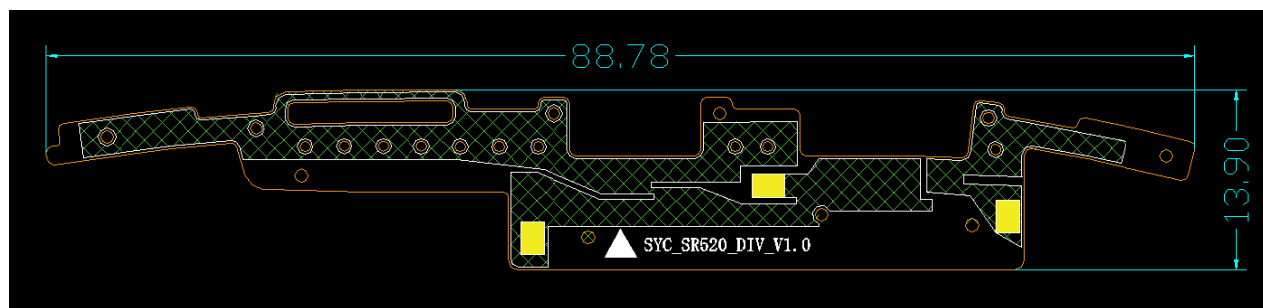
Huizhou manufacturing center : 4-5th floor, No.1 Zhongxincun Road, LongHu Industrial Zone, Shuikou Town, Huizhou City, 516255, PRC

※Antenna type

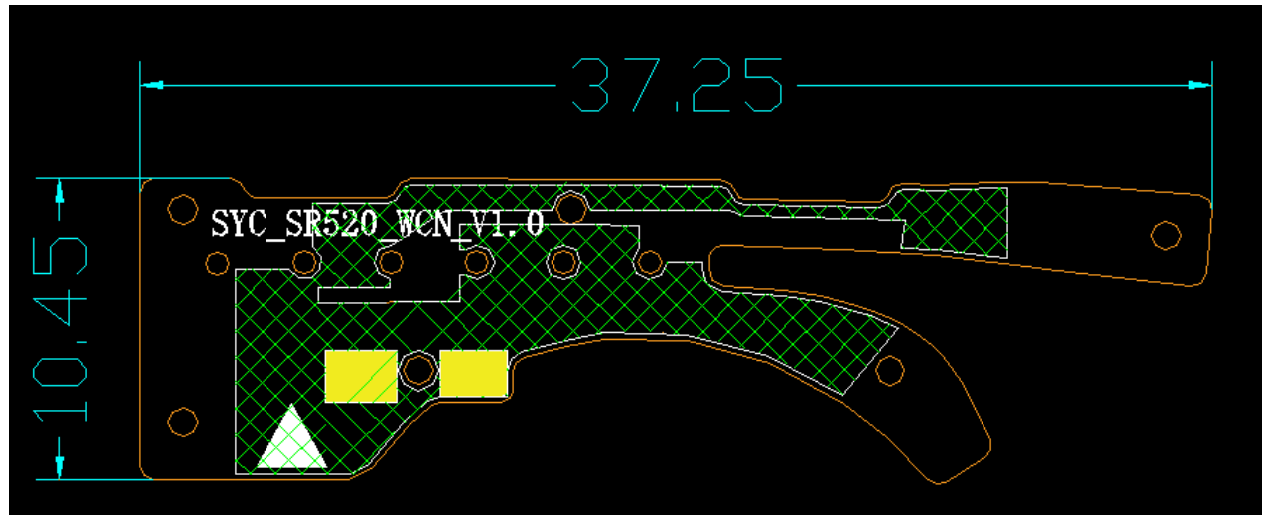
SYC-SR5211-MAIN-V1.0



SYC-SR520_DIV_V1.0



SYC_SR520_WCN_V1.0



Electric Specifications

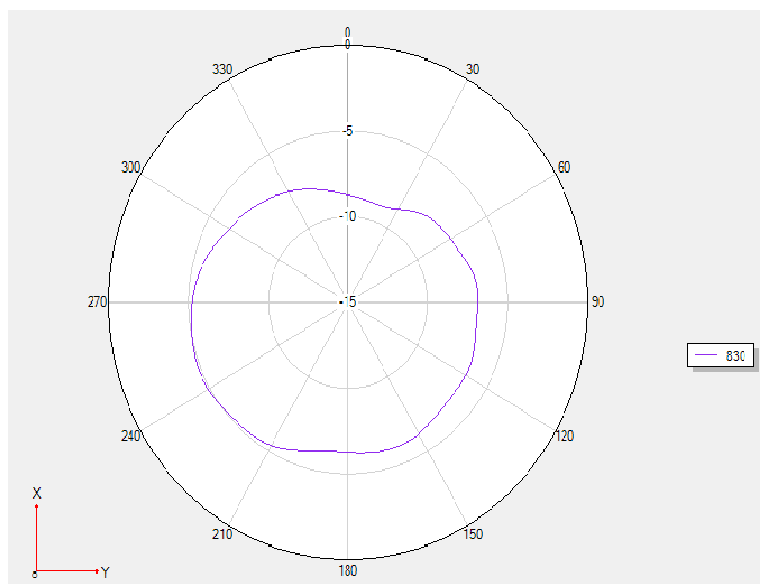
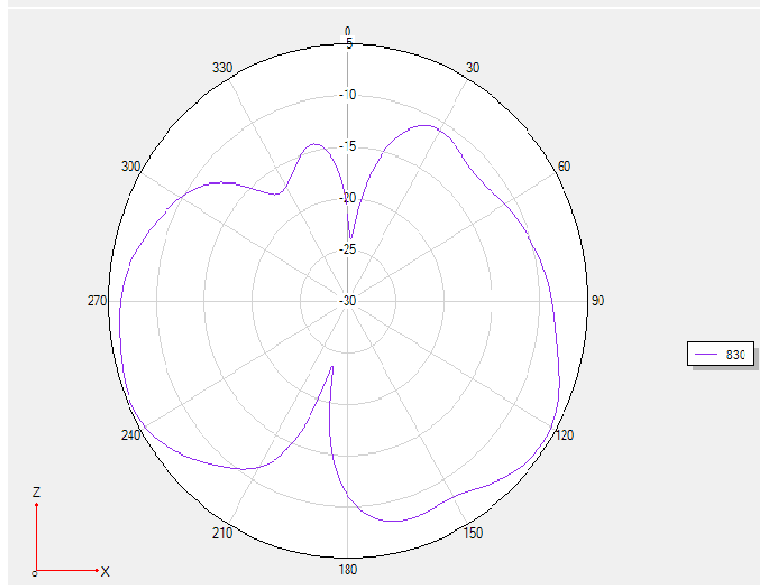
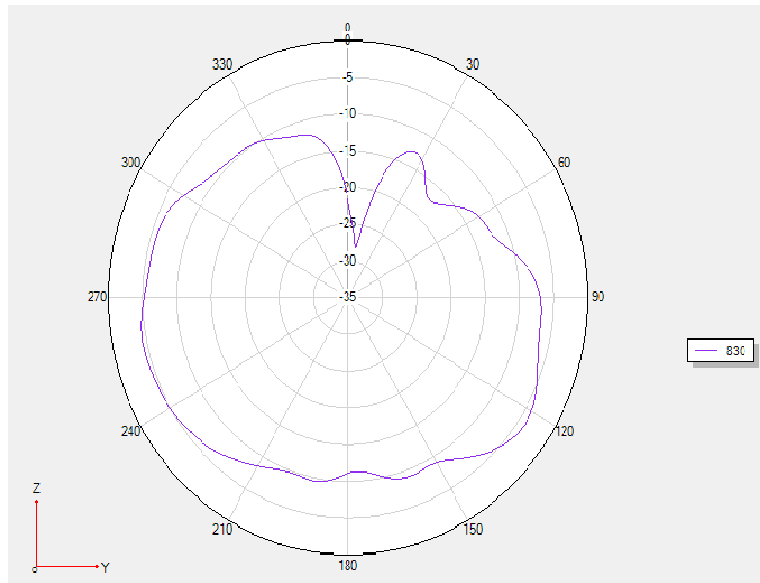
TYPE	FPC
Transmitter Frequency	GSM850: 824-848MHz (TX) PCS1900: 1850-1909MHz (TX) WCDMAband II: 1852~1907MHz(TX) WCDMAbandV : 826~846MHz(TX) LTE B2: 1850~1910MHz(TX) LTE B4: 1710~1750MHz(TX) LTE B5: 824~848MHz(TX) LTE B7: 2500~2690MHz(TX) LTE B66: 1710~1780MHz(TX) WIFI (2.4G) :2412 -2472 MHz Bluetooth:2402- 2480 MHz

Receiver Frequency	GSM850: 869-894MHz (RX) PCS1900: 1930-1990MHz (RX) WCDMAband II: 1932~1990MHz(RX) WCDMAband V: 870~890MHz(RX) LTE B2: 1930~1990MHz(RX) LTE B4: 2110~2154MHz(RX) LTE B5: 869~893MHz(RX) LTE B7: 2620~2690MHz(RX) LTE B66: 2110~2199MHz(RX) WIFI (2.4G) :2412 -2472 MHz Bluetooth:2402 - 2480 MHz
Antenna Gain	GSM850:-3.85 dBi PCS1900:-1.67dBi WCDMA 900: -3.78dBi WCDMA 1900:-1.67dBi LTE B2:-1.67dBi LTE B4:-1.05dBi LTE B5:-3.85dBi LTE B7:2.39 dBi LTE B66: -1.05 dBi 2.4G WIFI: 0.95 dBi
Type of Modulation	GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, $\pi/4$ -DQPSK,8DPSK

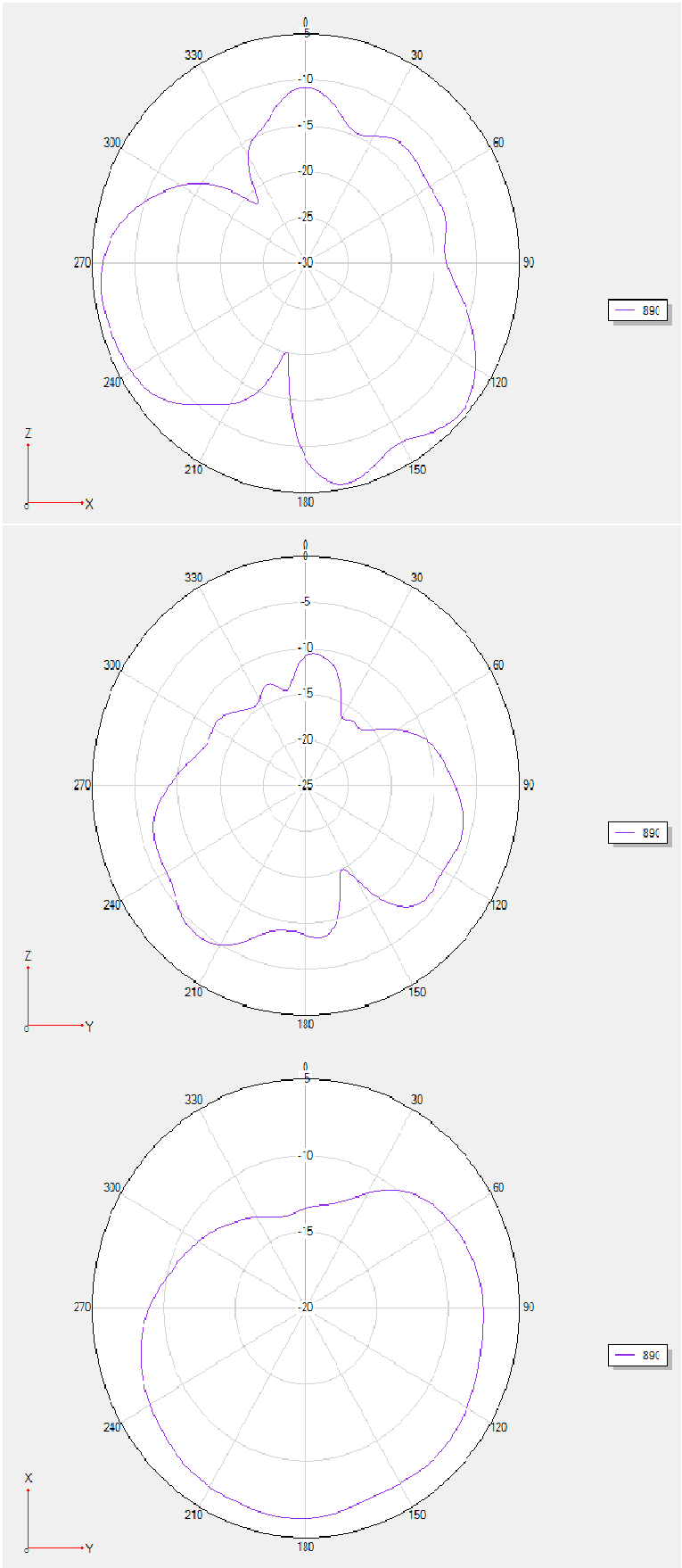
※ Antenna Gain

Main Antenna

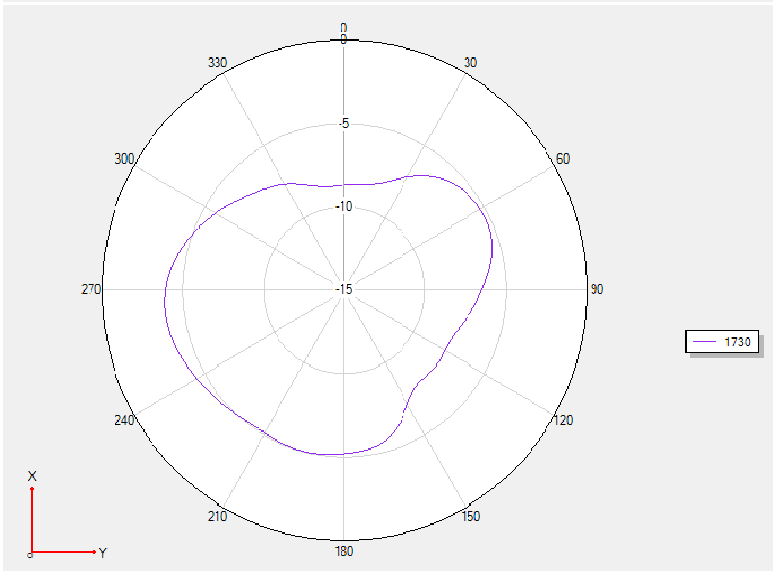
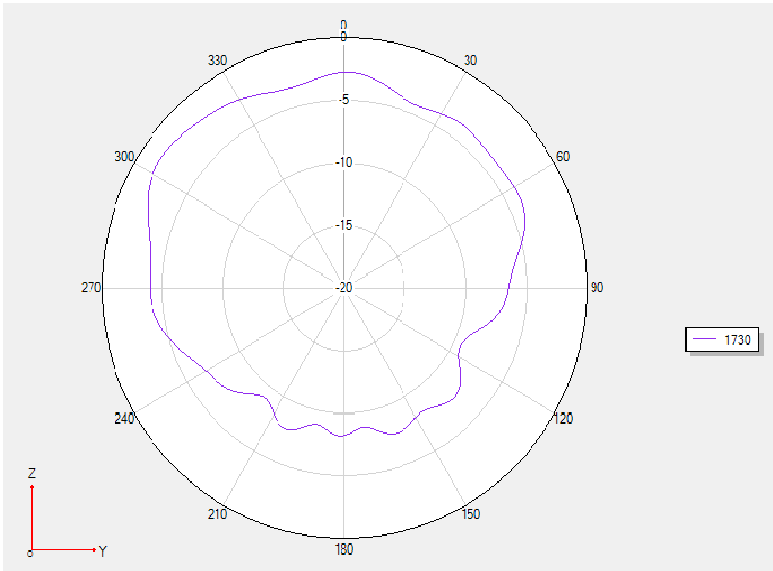
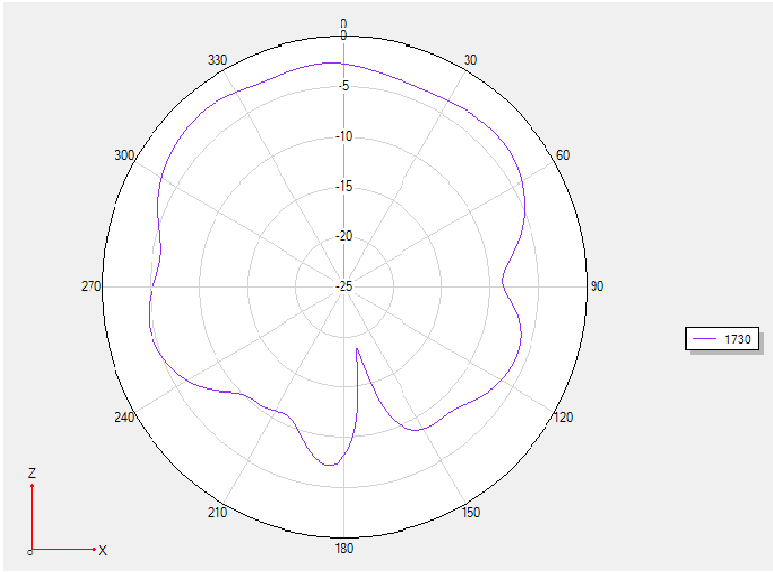
GSM850/W5/B5



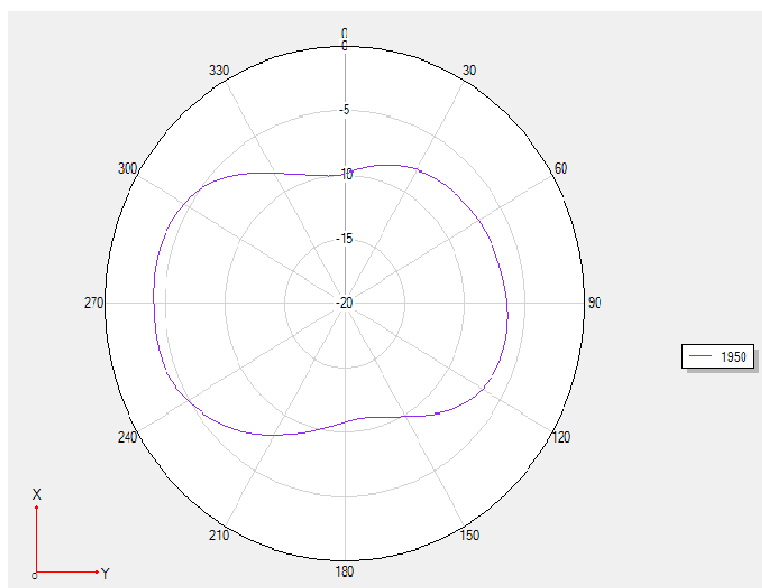
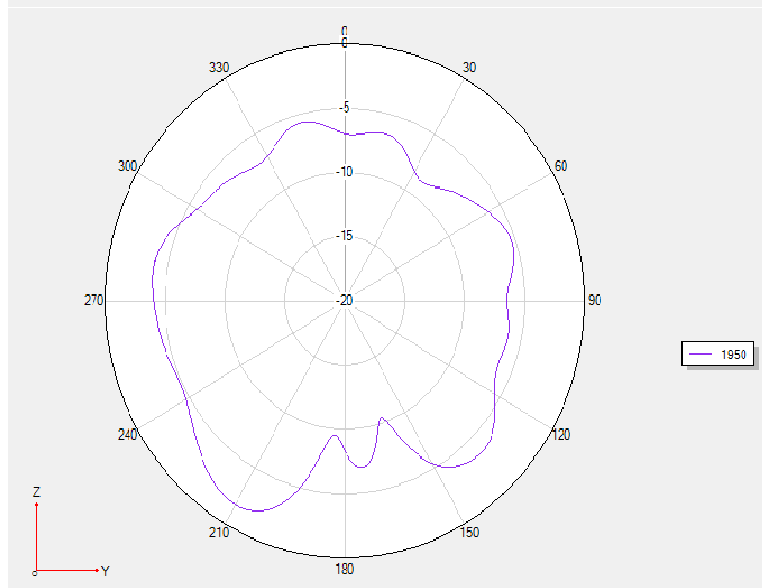
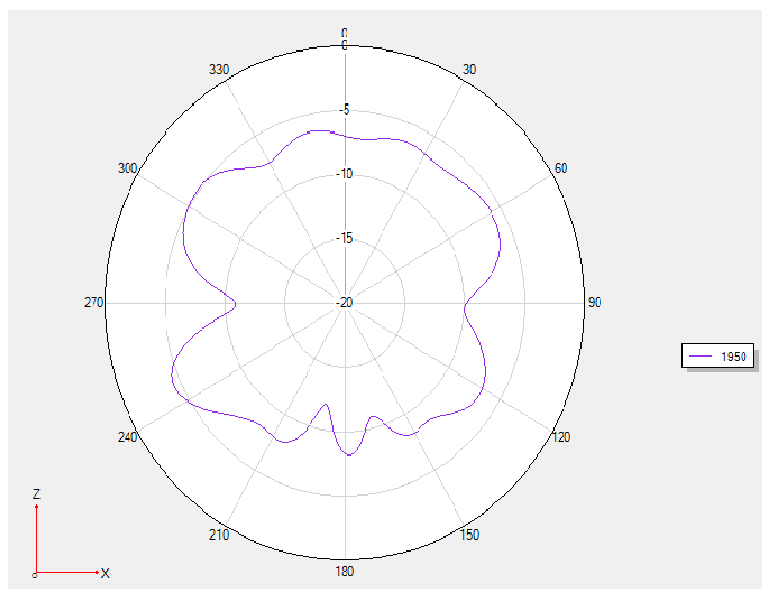
G900/W8/ B8



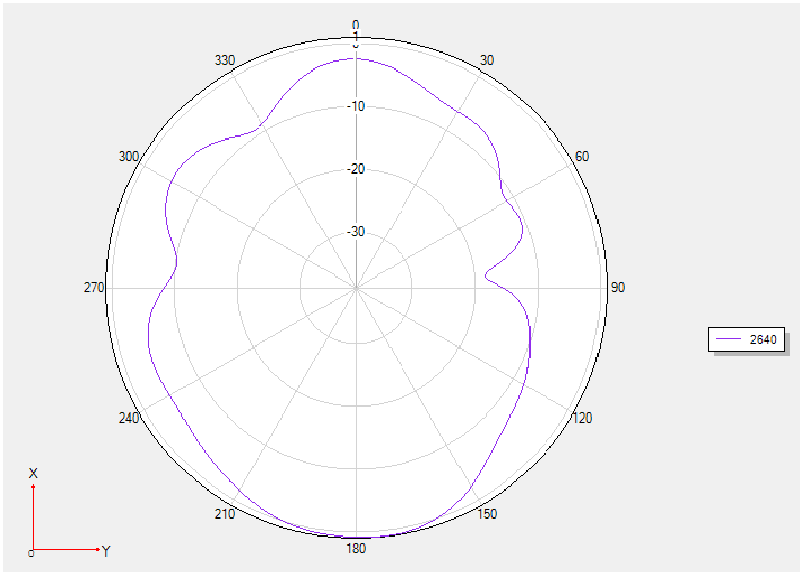
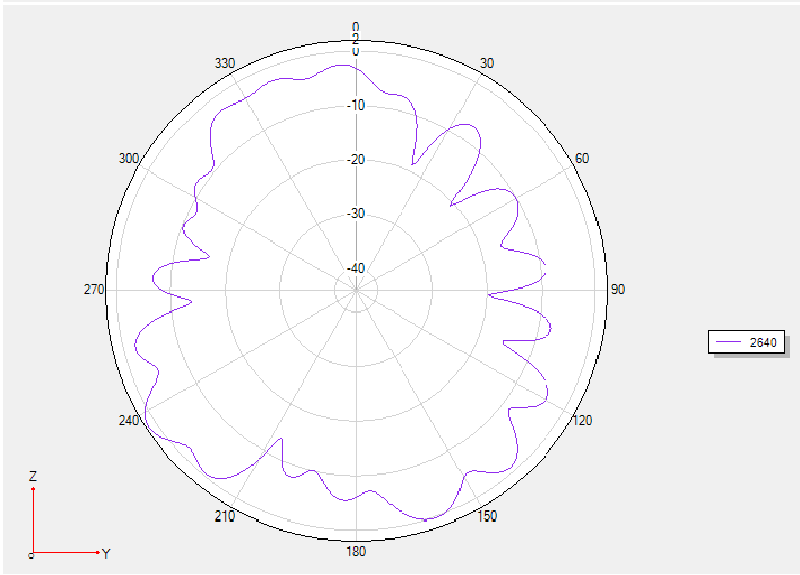
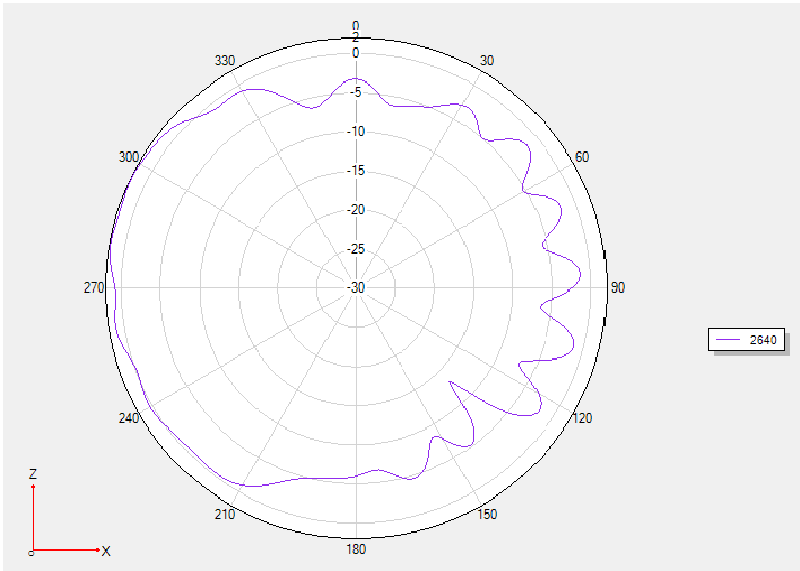
G1800/W4/ B3/B4/B66



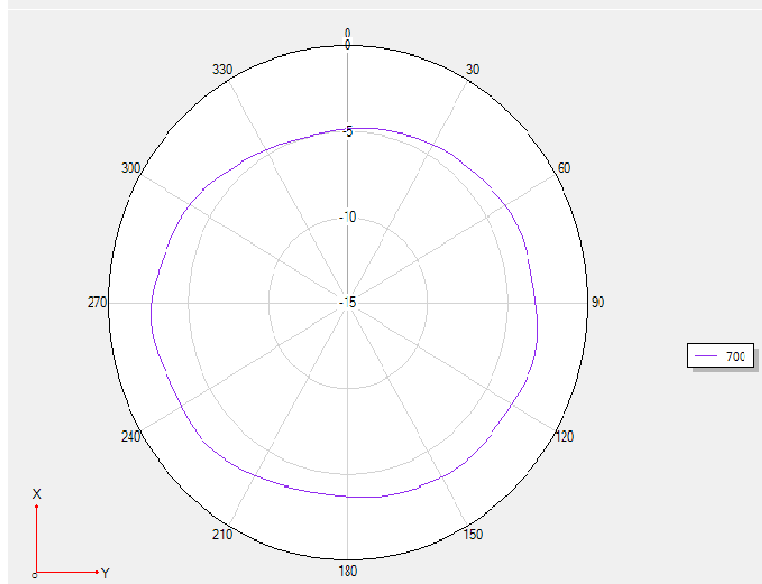
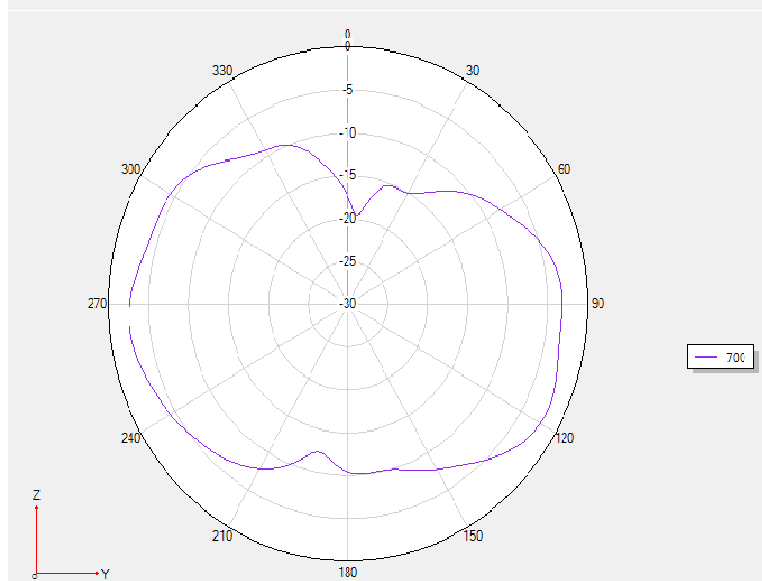
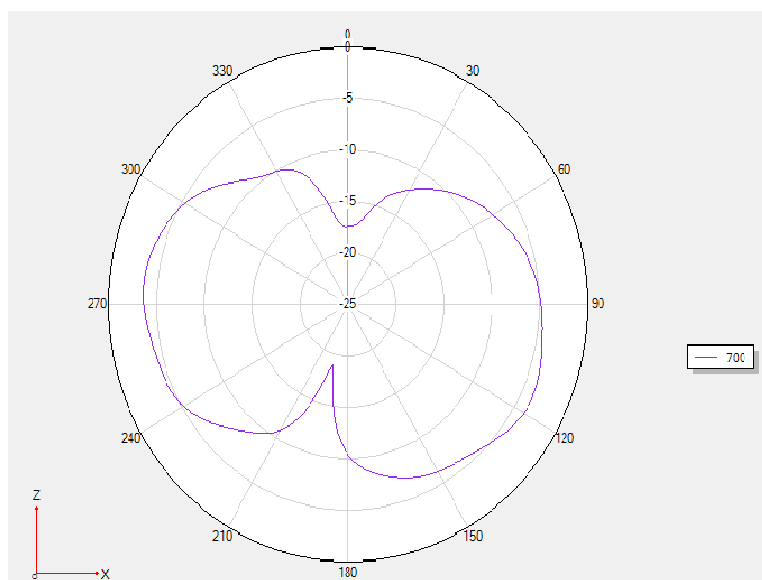
PCS1900/W2/B1/2



B7

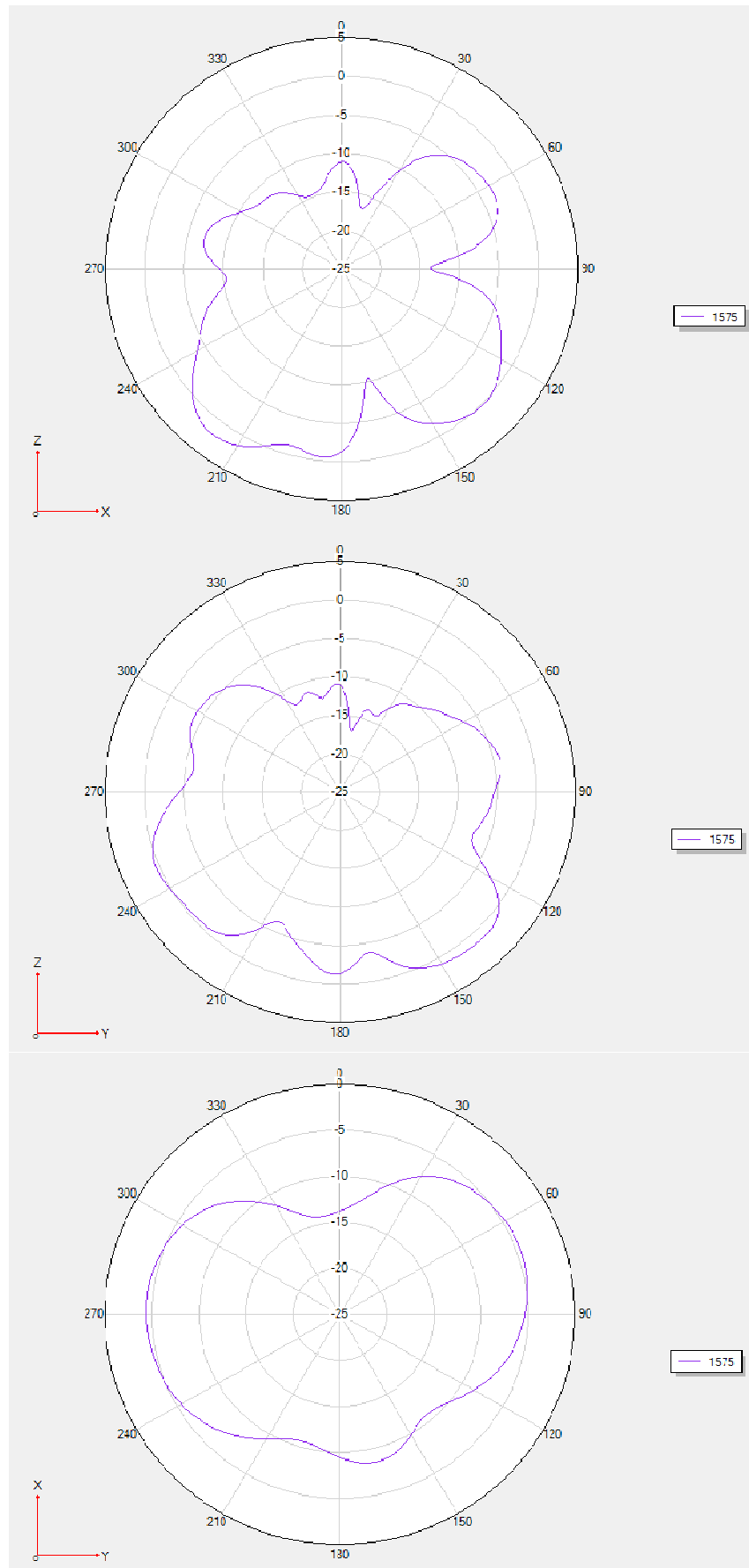


B12/17/28

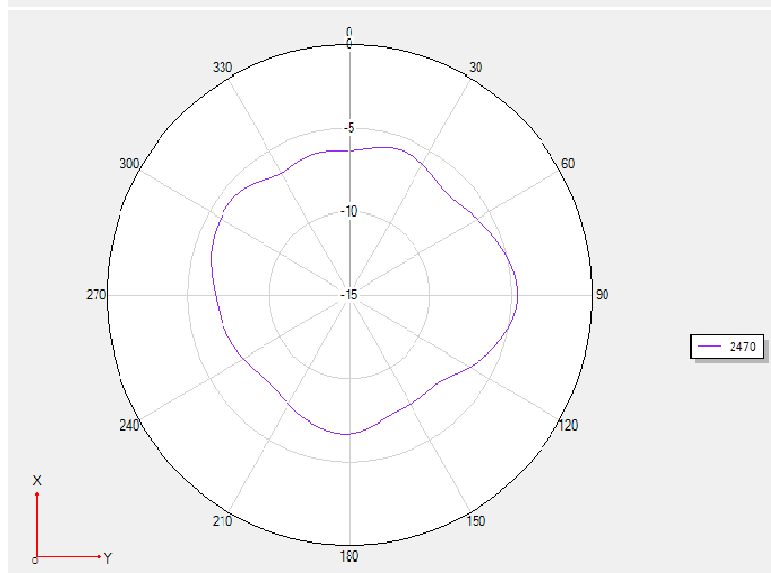
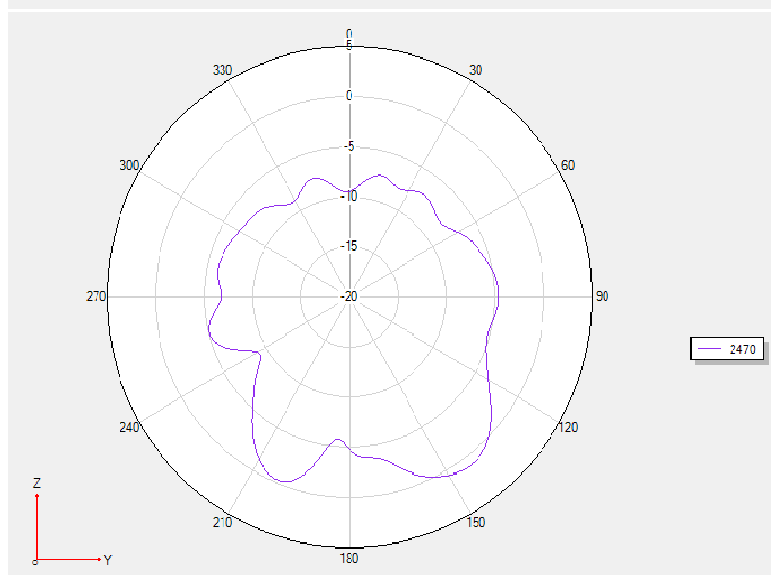
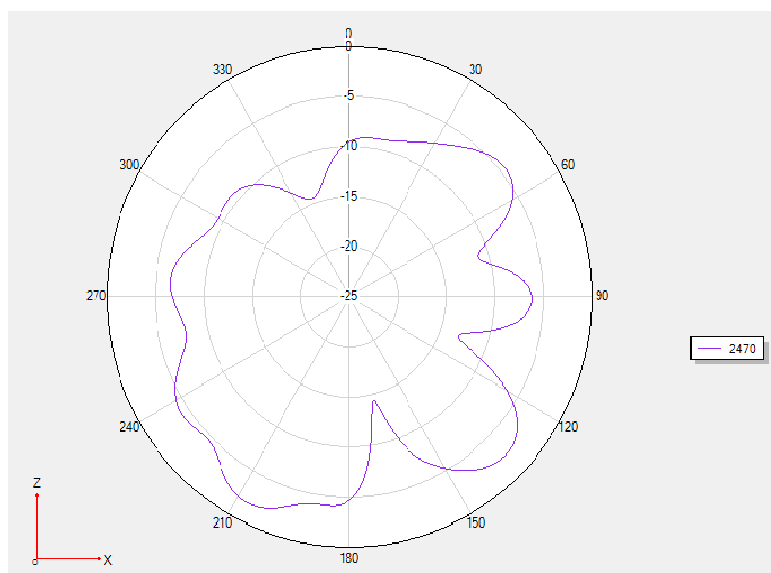


Three-in-one antenna

GPS

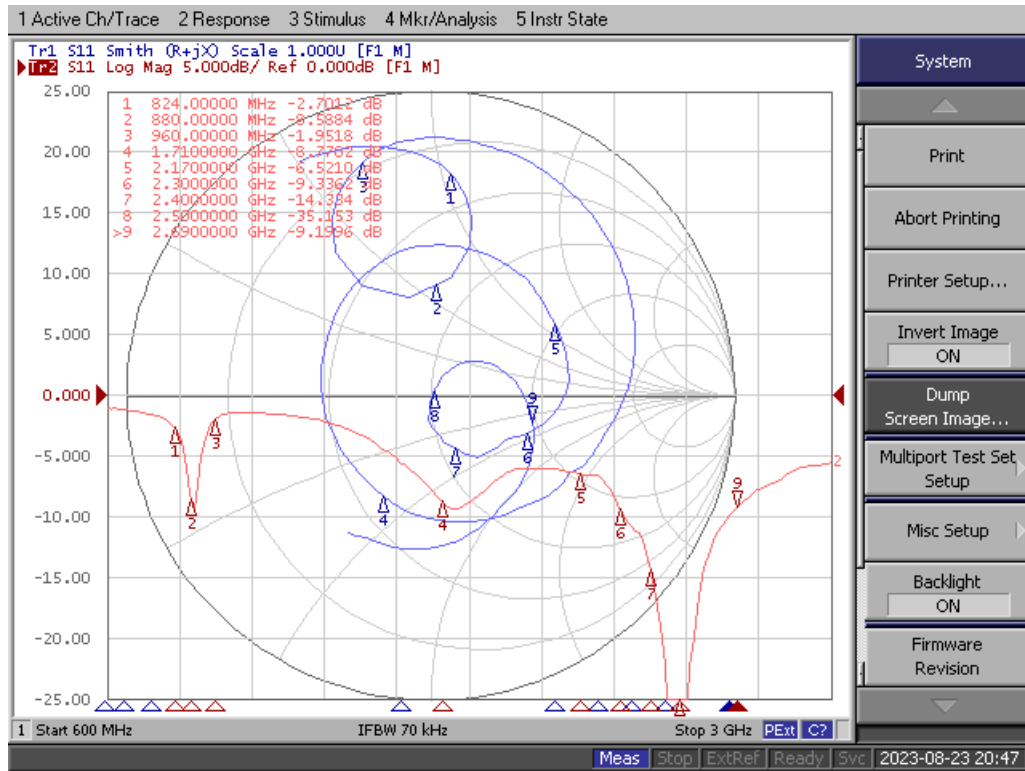


WIFI (2.4G)

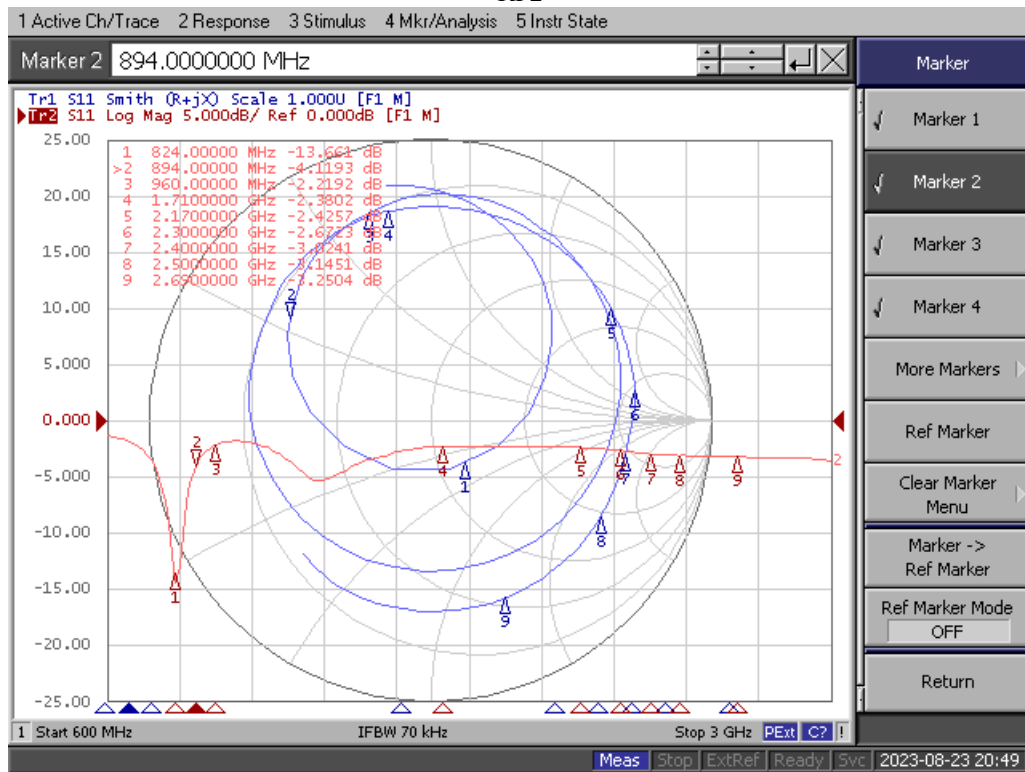


※S11:

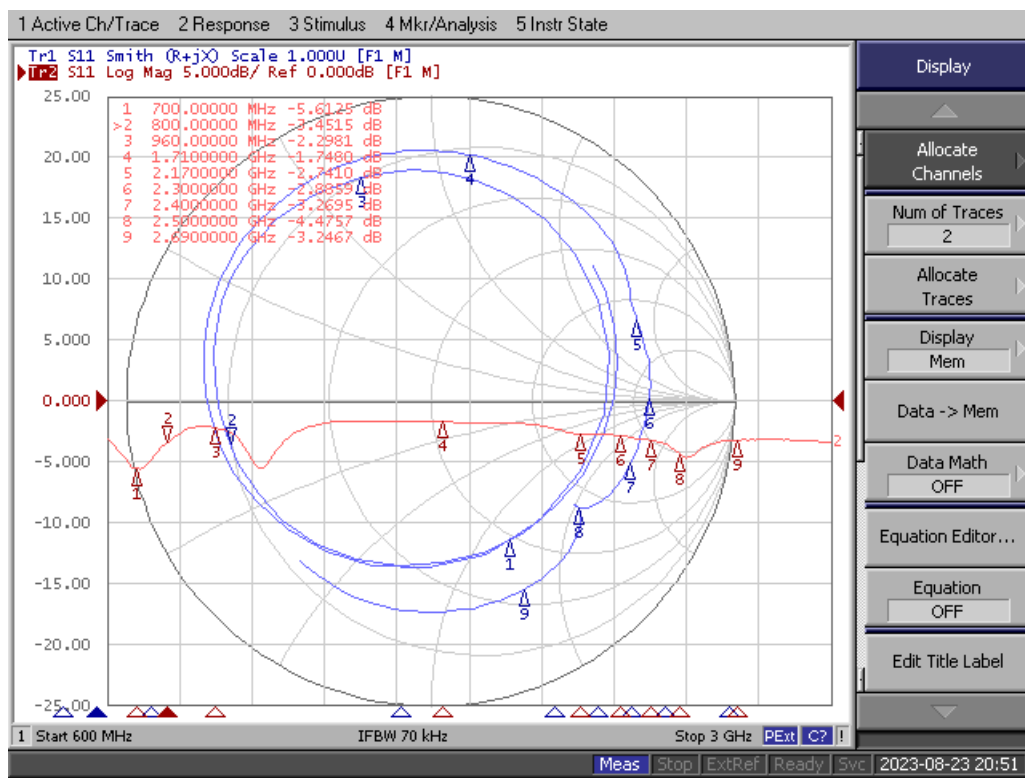
Main Antenna RF1



RF2



RF3



Three-in-one antenna

