

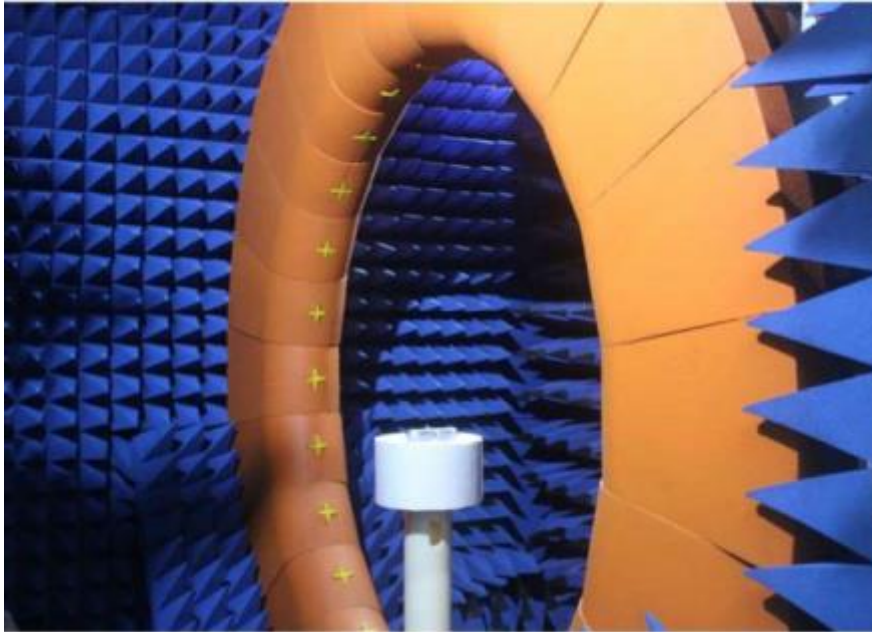
Antenna test report

Project model: T4

Antenna model: CSX-2.4G



Test equipment



Anechoic chamber

The main test indicators:

Gain

Efficiency

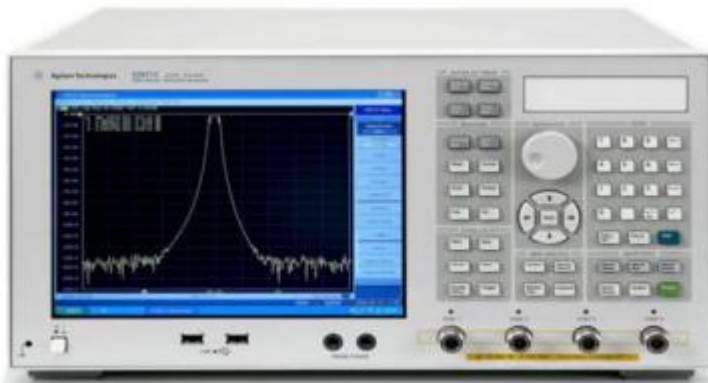
Antenna Radiation Pattern

Total Radiated Power

Total receiving sensitivity

Frequency: 0.4GHz~6GHz

Test equipment



Vector Network Analyzer Agilent E5071C

Frequency: 300 kHz~8.5GHz



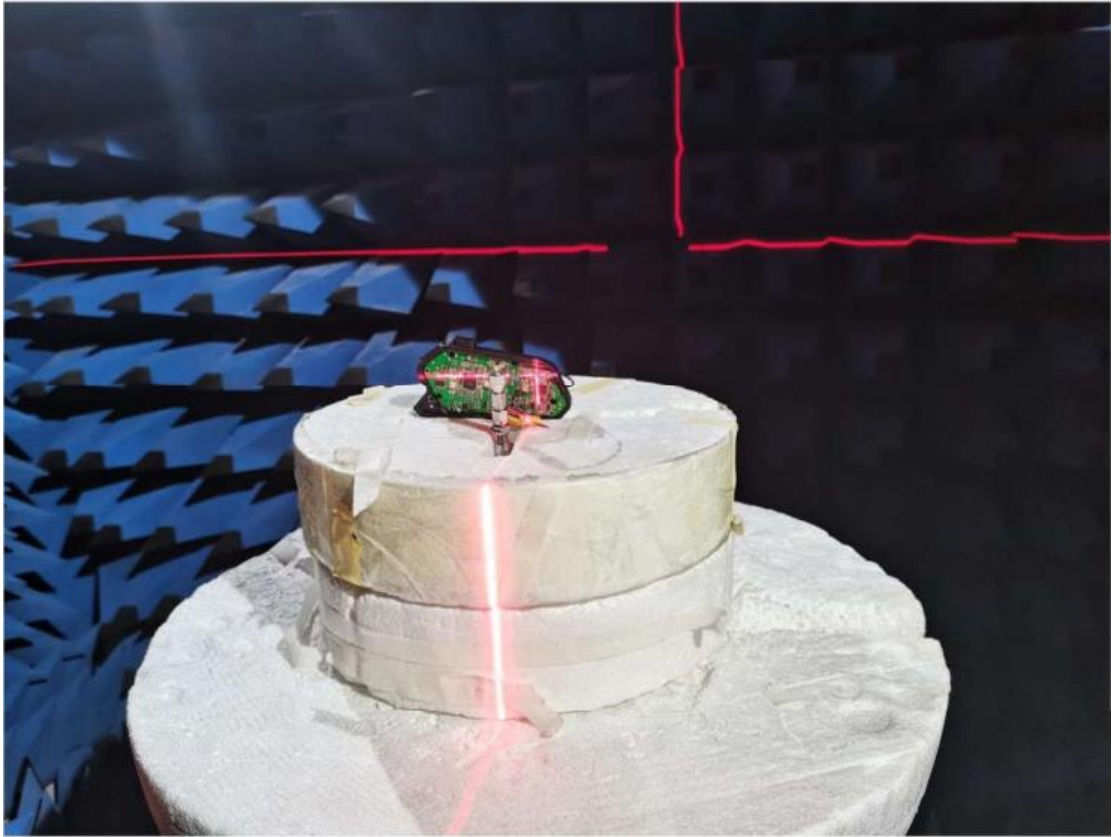
Wideband Wireless Communication Tester R&S CMW500

GSM/3G/4G

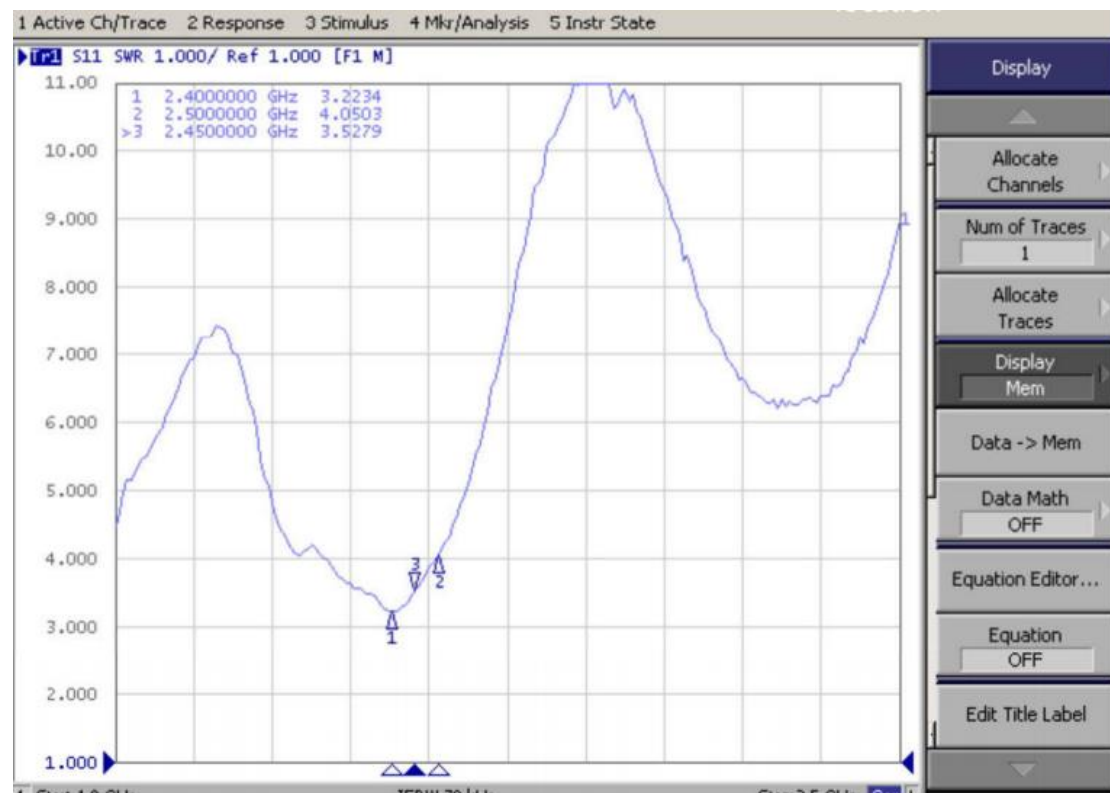
WIFI/ Bluetooth

NB-IoT

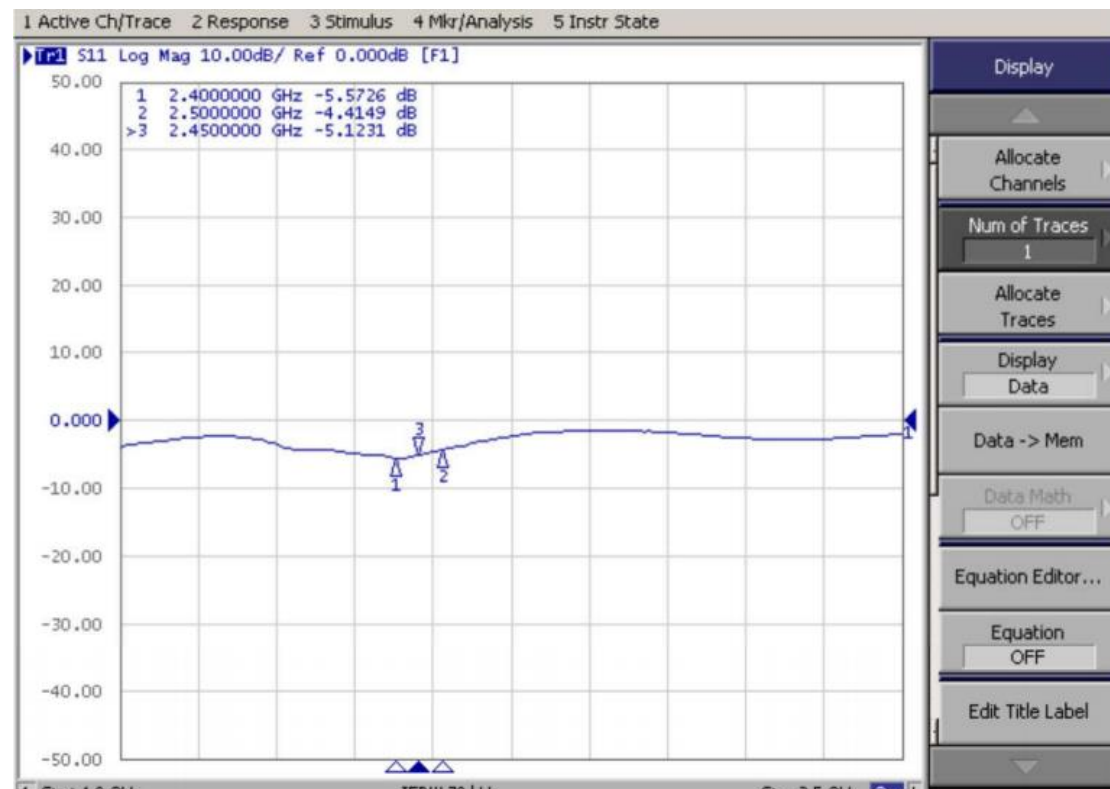
Test photos



Antenna SWR



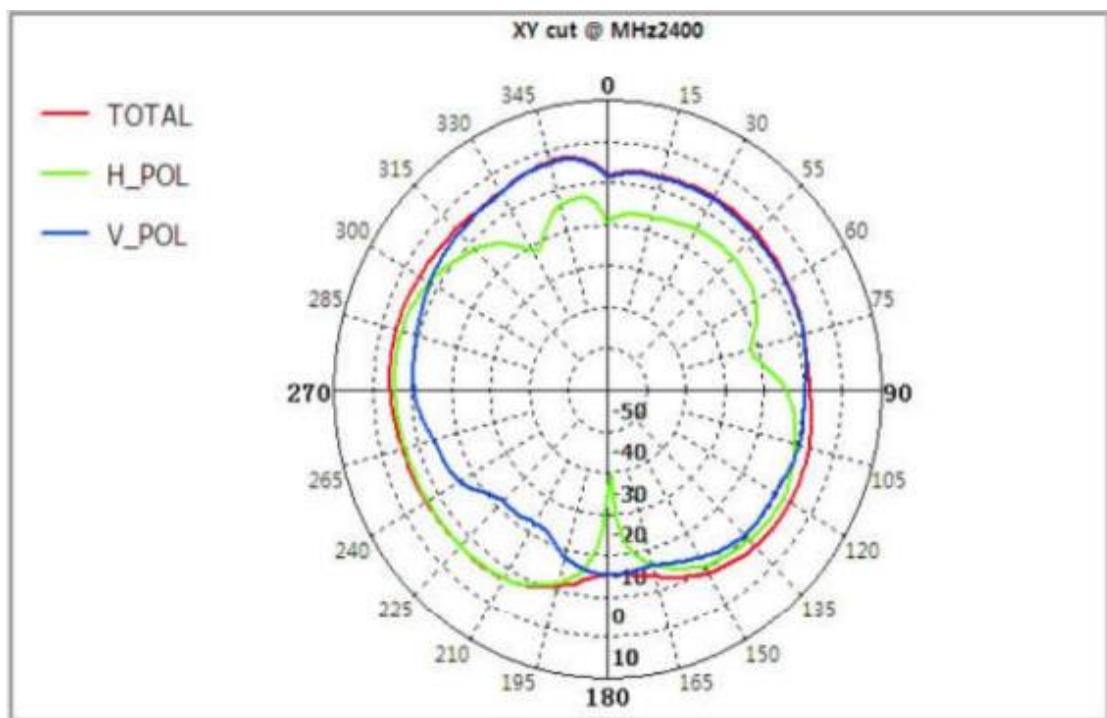
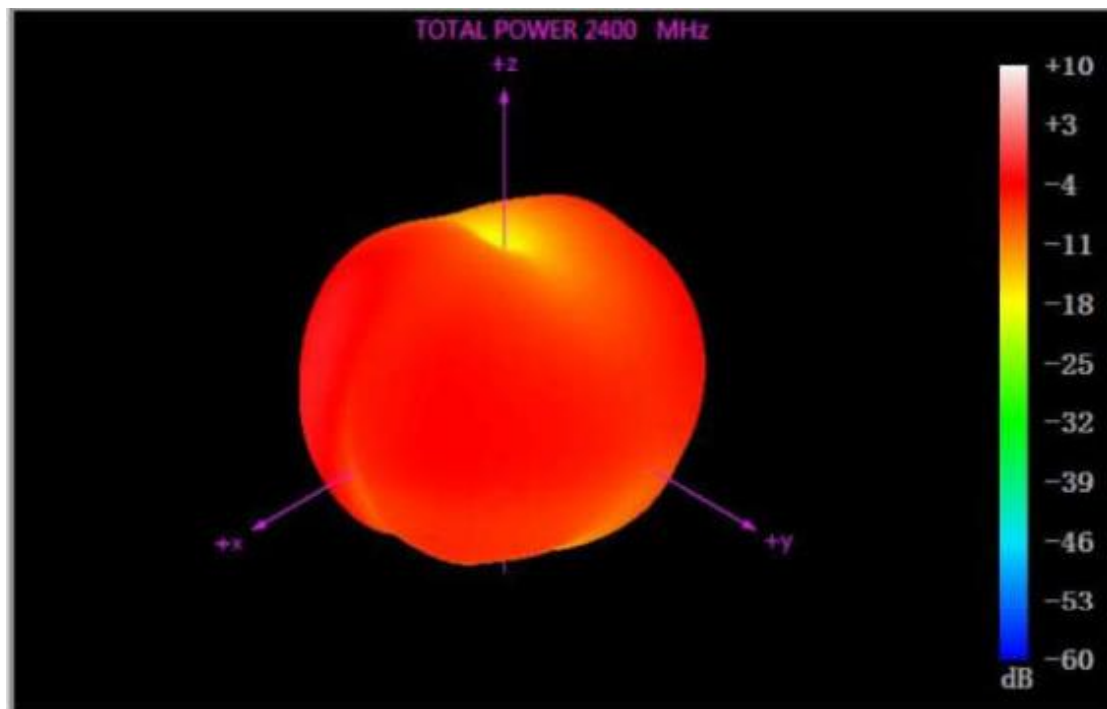
Antenna Return loss

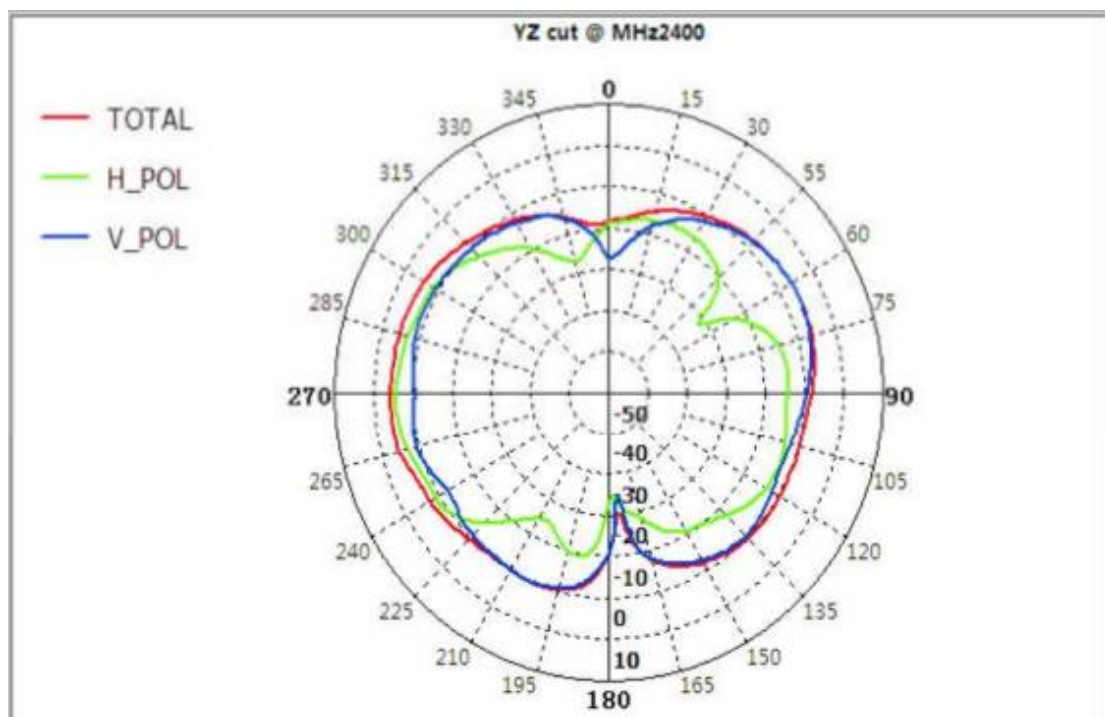
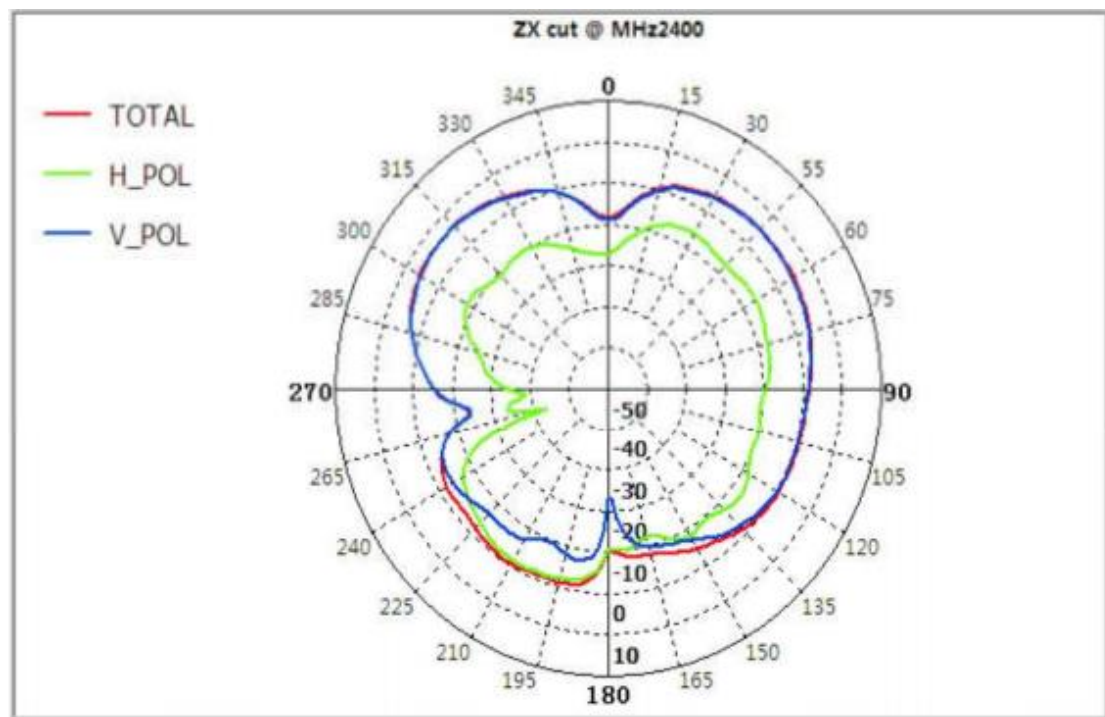


Antenna gain and efficiency

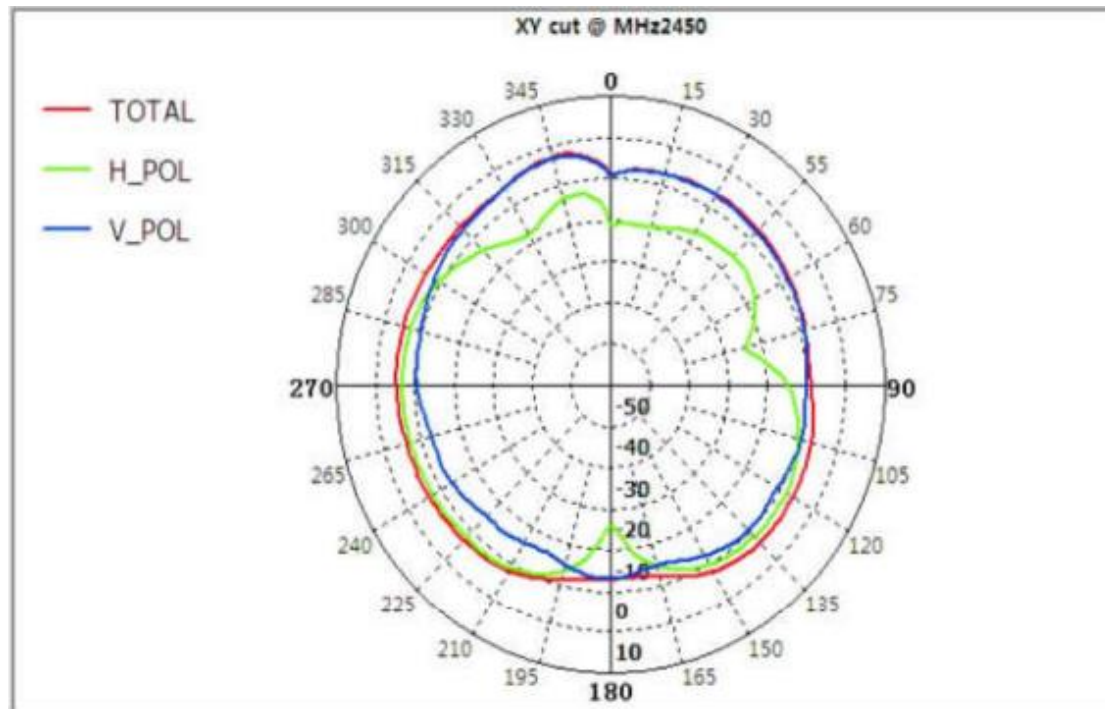
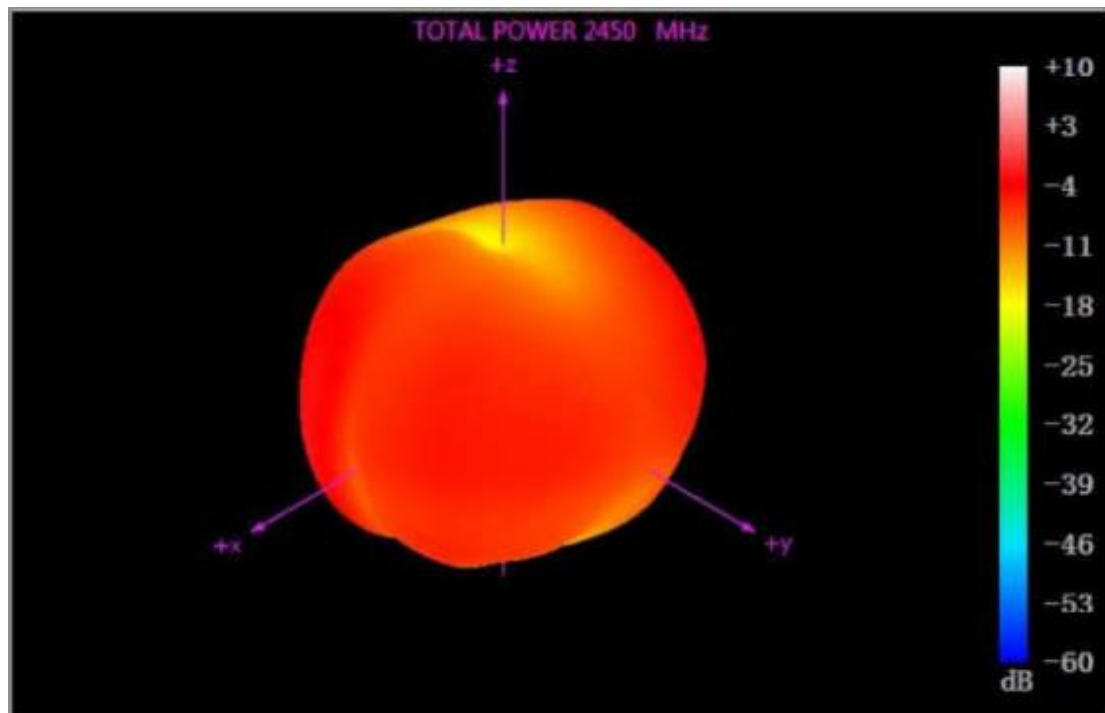
antenna		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	25.23	-2.23
2410	24.15	-2.48
2420	23.67	-2.66
2430	23.33	-2.77
2440	22.84	-2.88
2450	23.05	-2.84
2460	23.9	-2.79
2470	23.83	-2.69
2480	23.8	-2.66
2490	22.86	-2.79
2500	21.68	-3.08

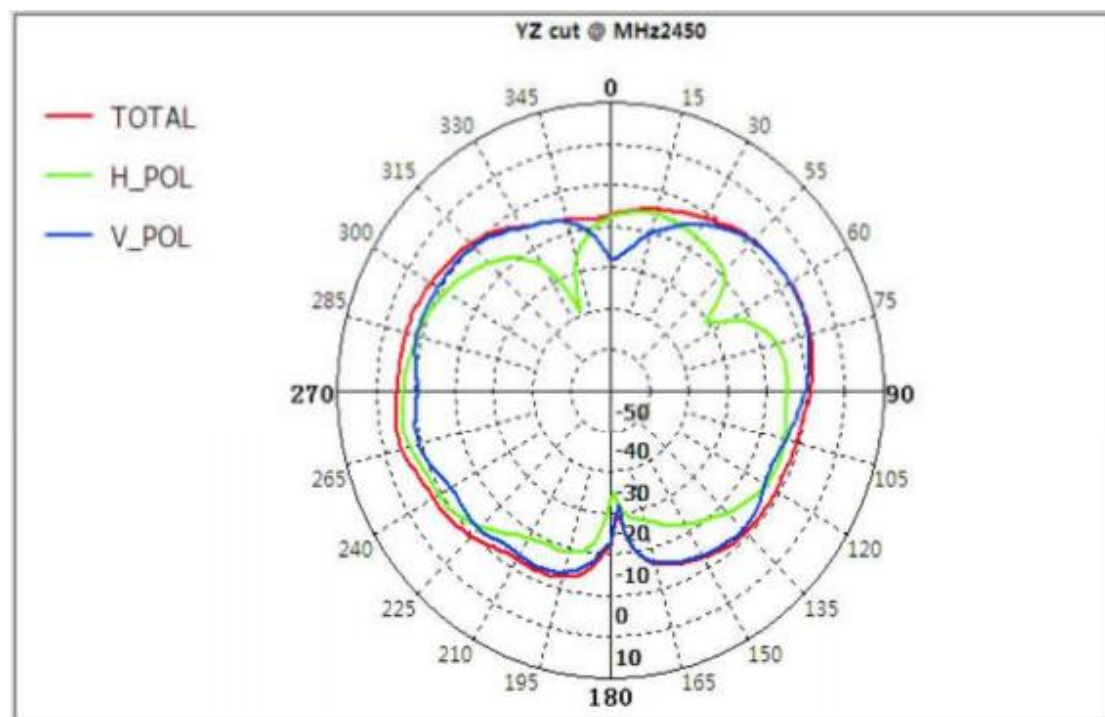
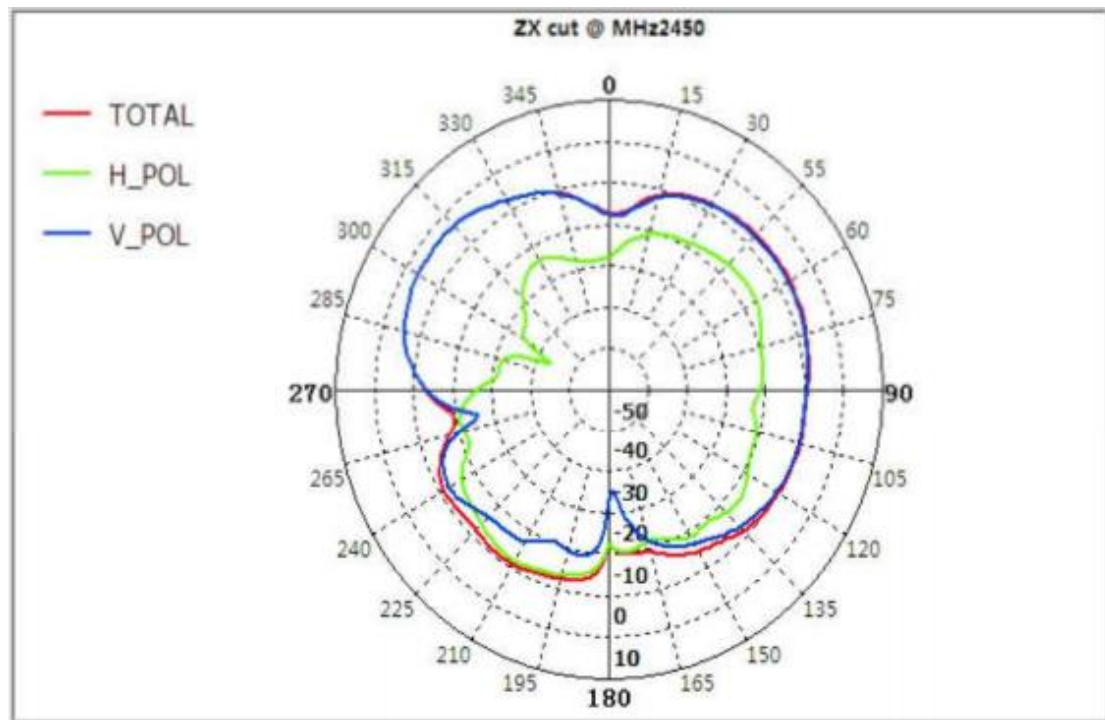
Antenna Radiation Pattern





Antenna Radiation Pattern





Antenna Radiation Pattern

