

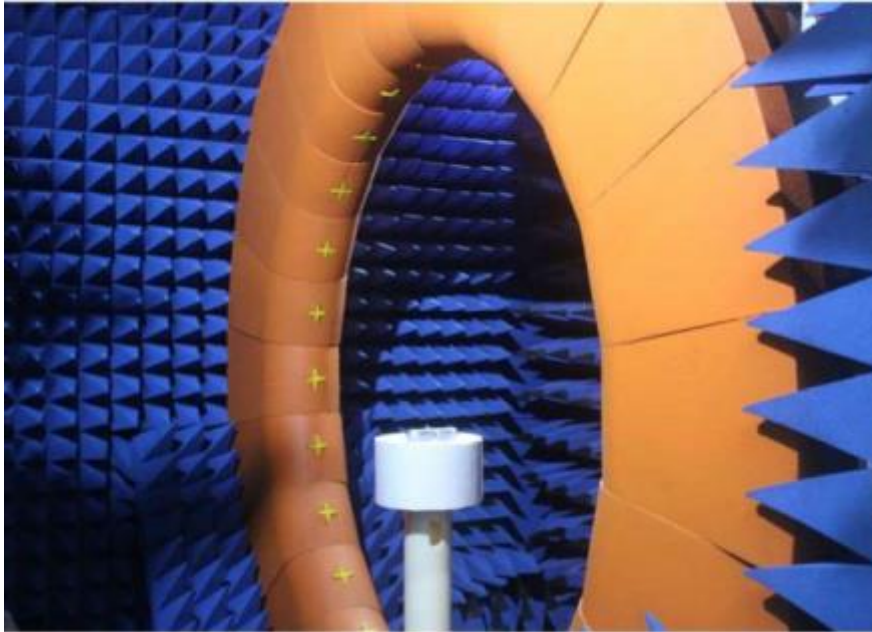
Antenna test report

Project model: T4

Antenna model: CSX-2.4G



Test equipment



Anechoic chamber

The main test indicators:

Gain

Efficiency

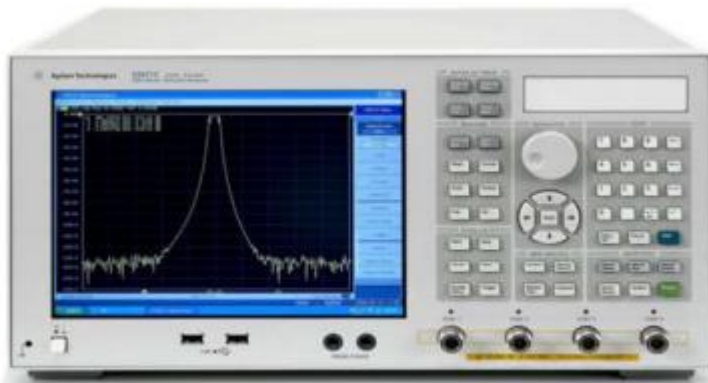
Antenna Radiation Pattern

Total Radiated Power

Total receiving sensitivity

Frequency: 0.4GHz~6GHz

Test equipment



Vector Network Analyzer Agilent E5071C

Frequency: 300 kHz~8.5GHz



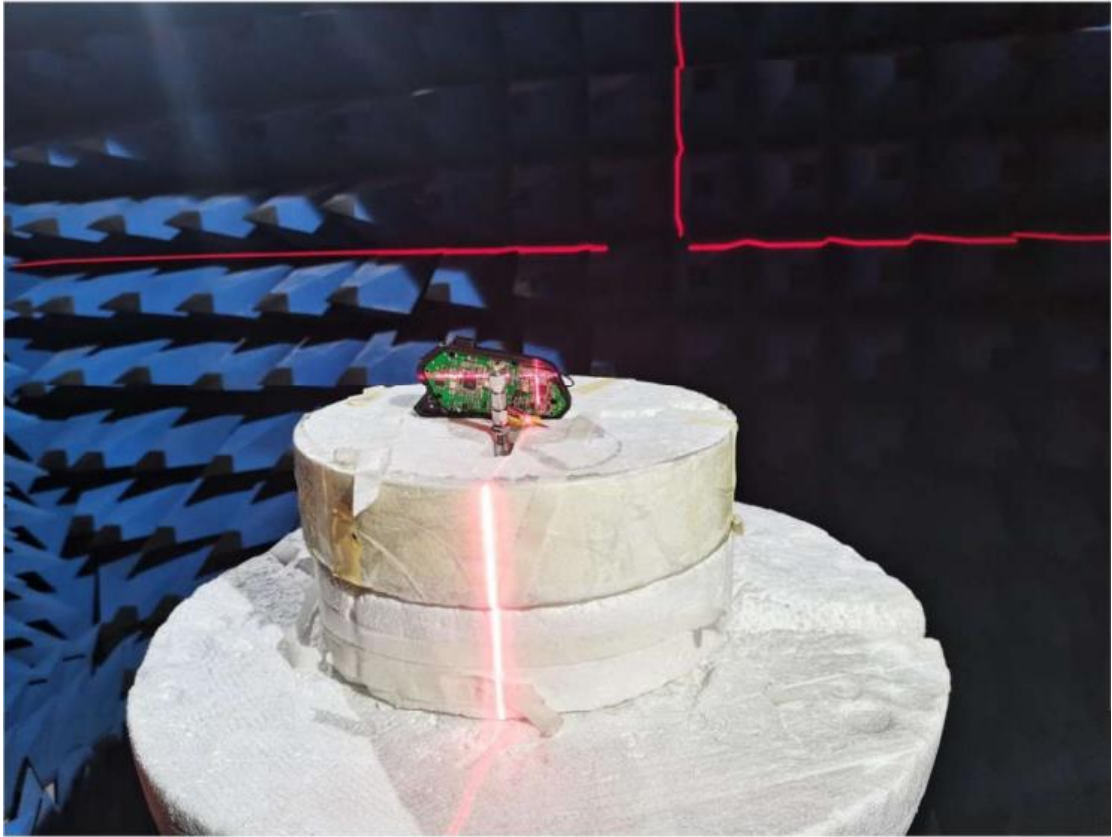
Wideband Wireless Communication Tester R&S CMW500

GSM/3G/4G

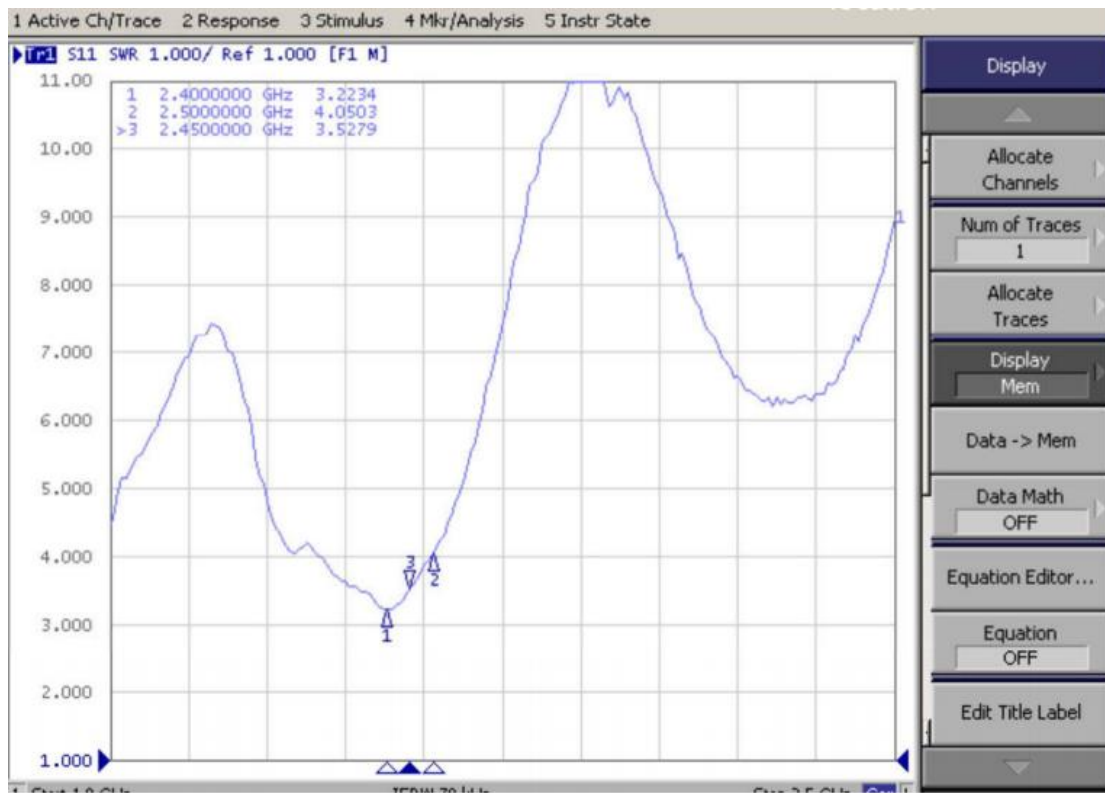
WIFI/ Bluetooth

NB-IoT

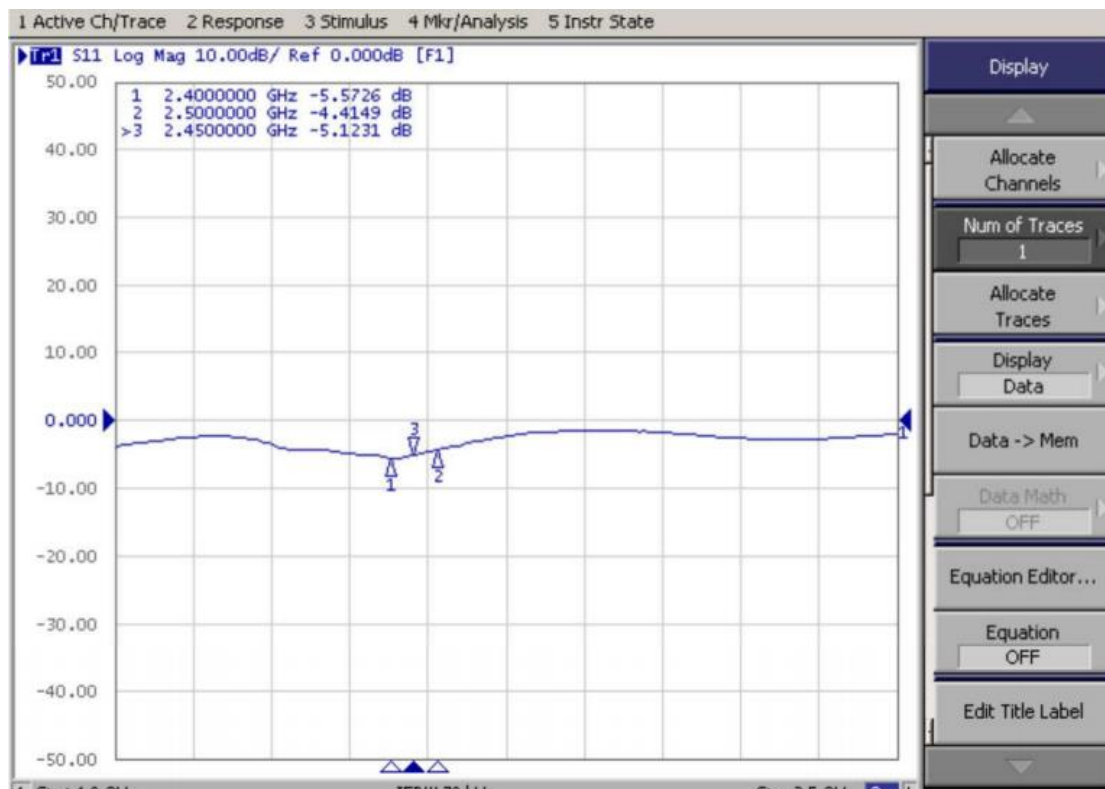
Test photos



Antenna SWR



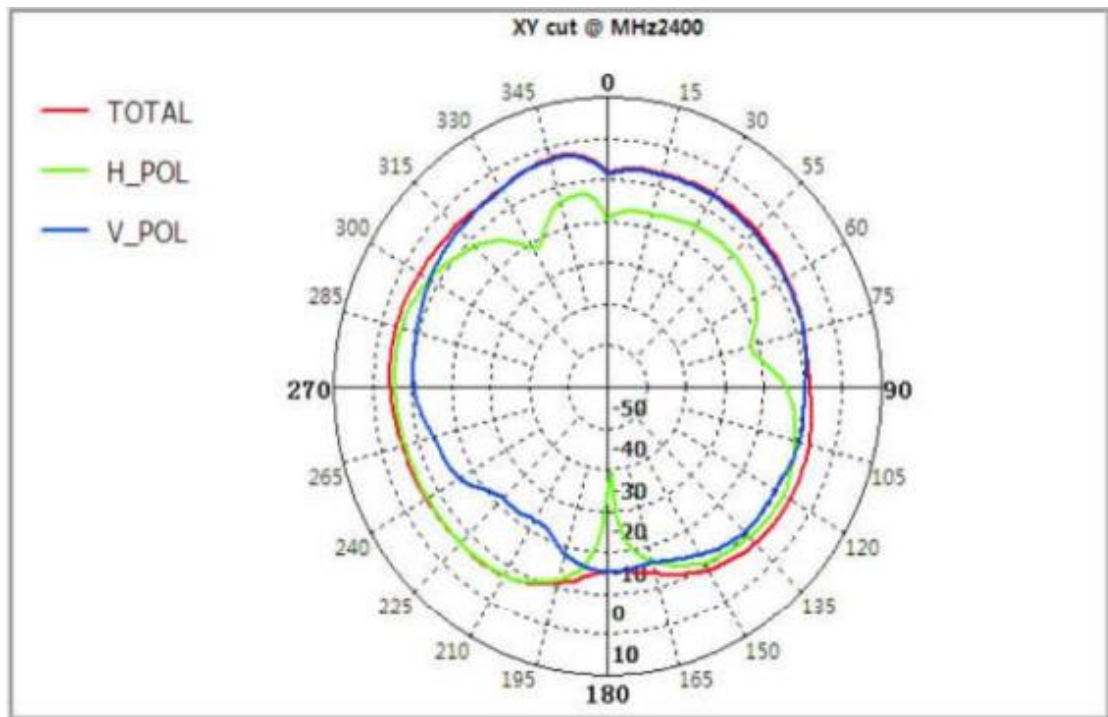
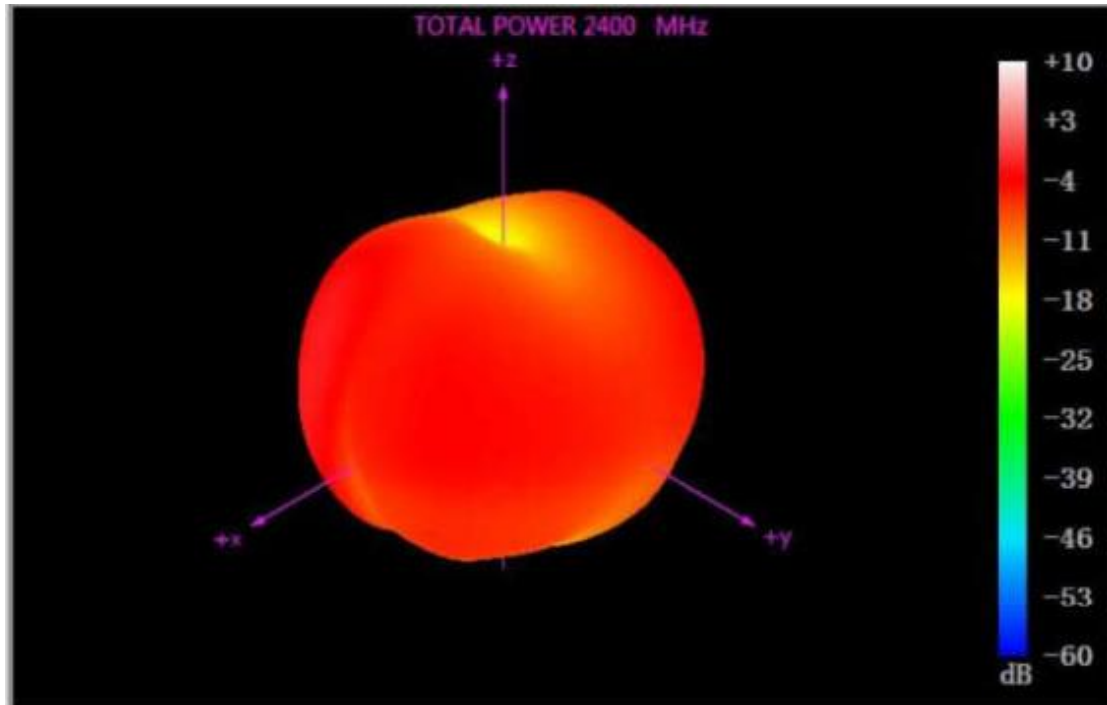
Antenna Return loss

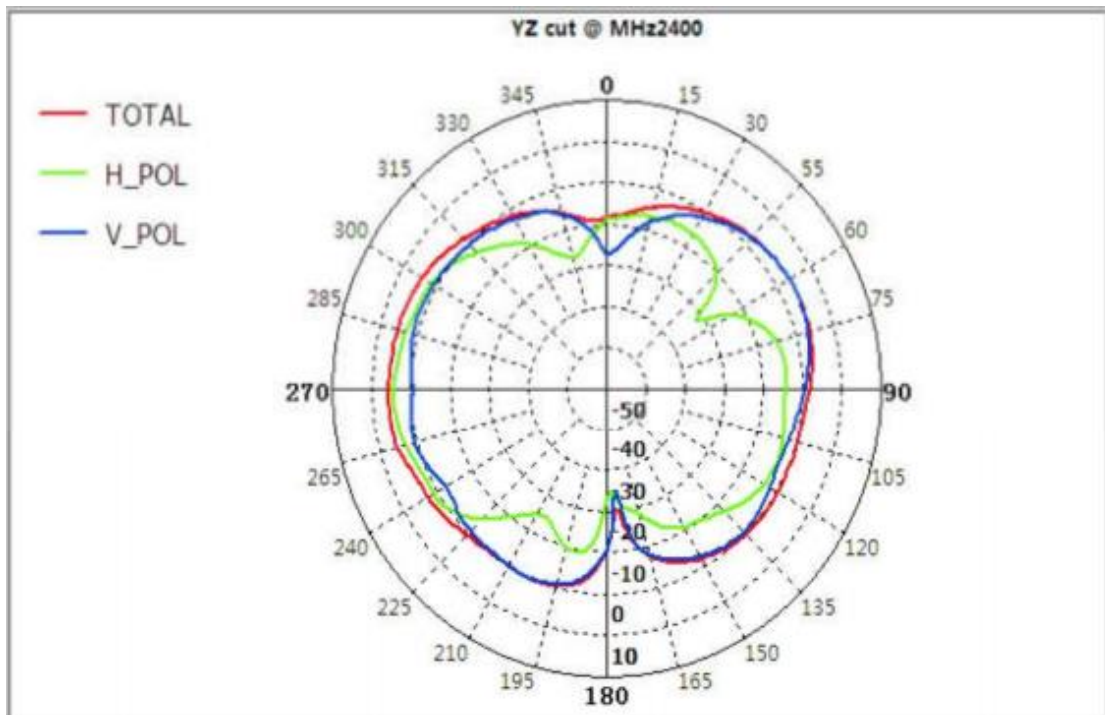
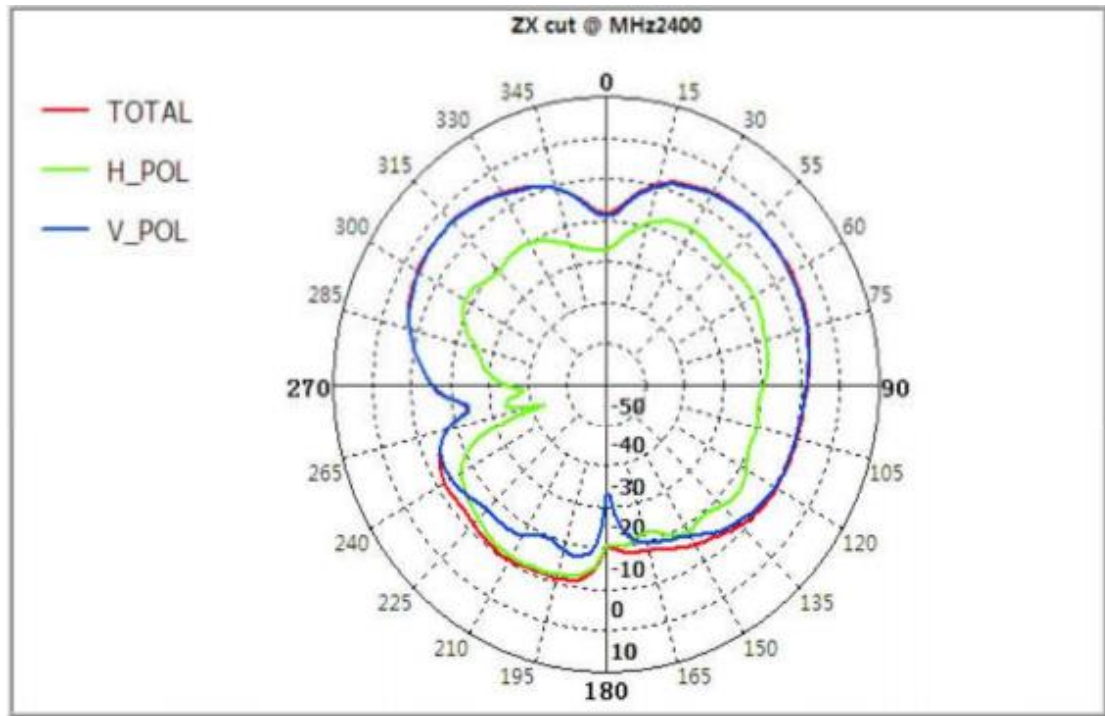


Antenna gain and efficiency

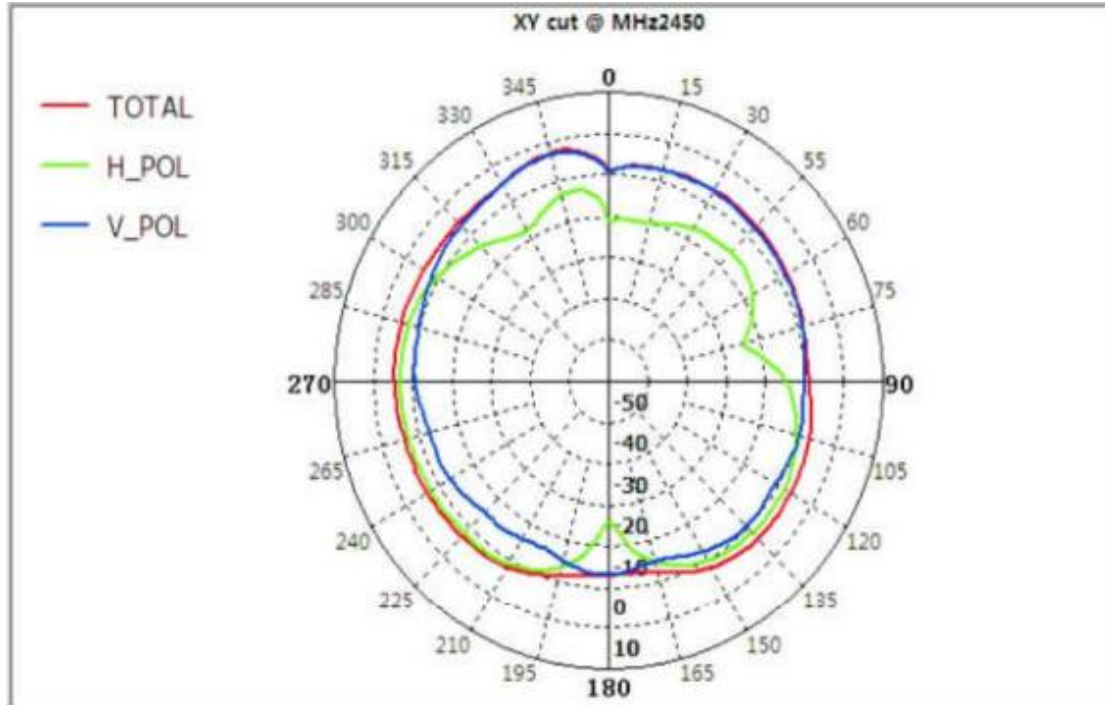
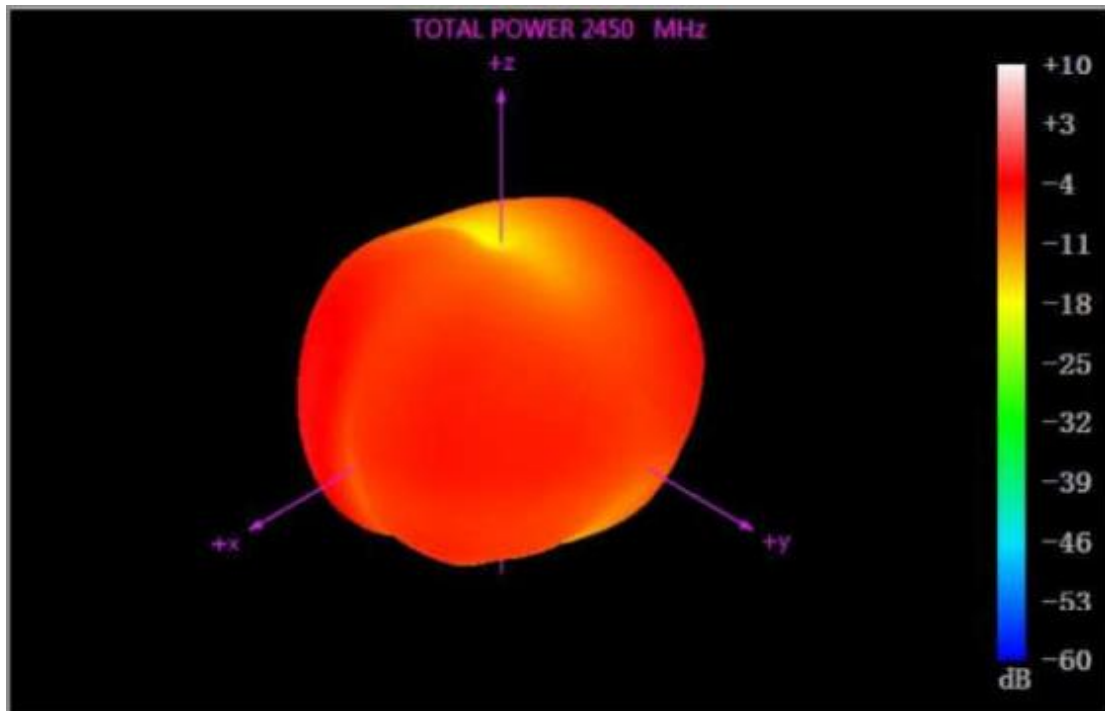
| antenna | | |
|----------------|----------------|-----------|
| Freq(MHz) | Efficiency (%) | Gian(dBi) |
| 2400 | 25.23 | -2.23 |
| 2410 | 24.15 | -2.48 |
| 2420 | 23.67 | -2.66 |
| 2430 | 23.33 | -2.77 |
| 2440 | 22.84 | -2.88 |
| 2450 | 23.05 | -2.84 |
| 2460 | 23.9 | -2.79 |
| 2470 | 23.83 | -2.69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

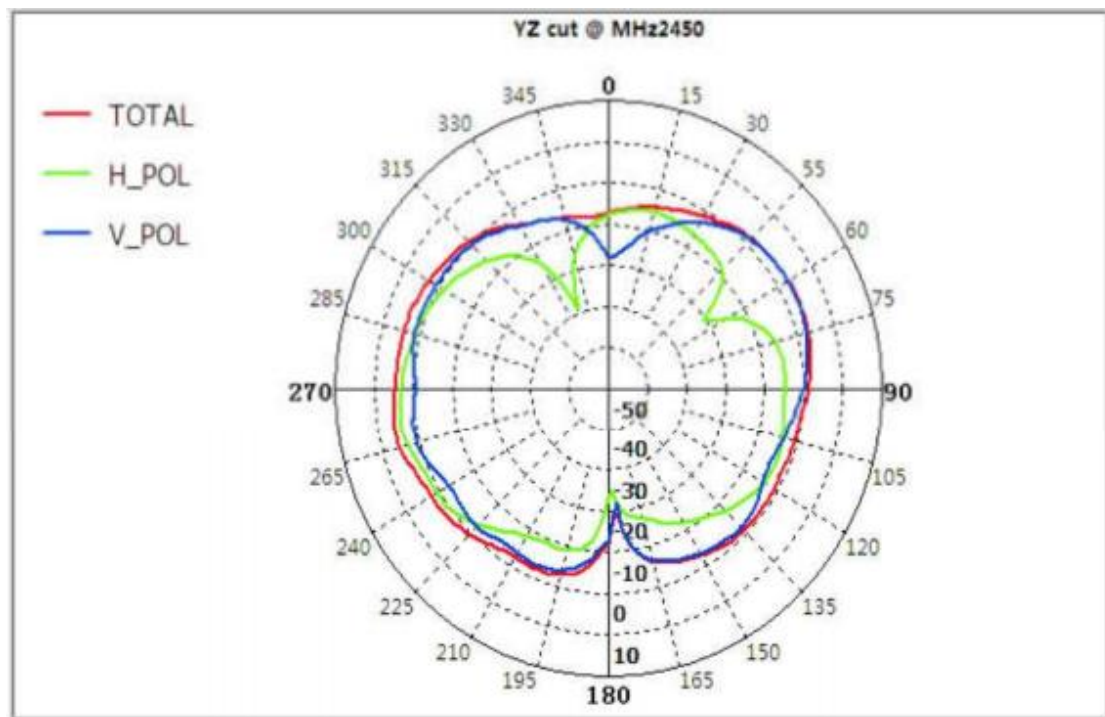
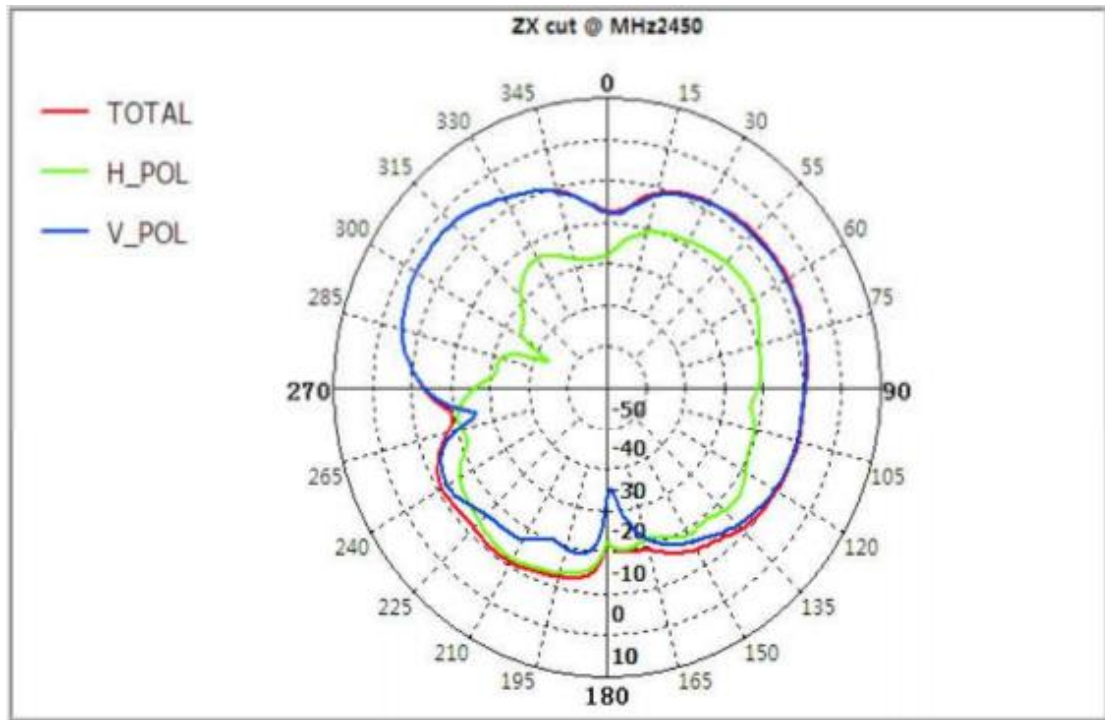
Antenna Radiation Pattern





Antenna Radiation Pattern





Antenna Radiation Pattern

