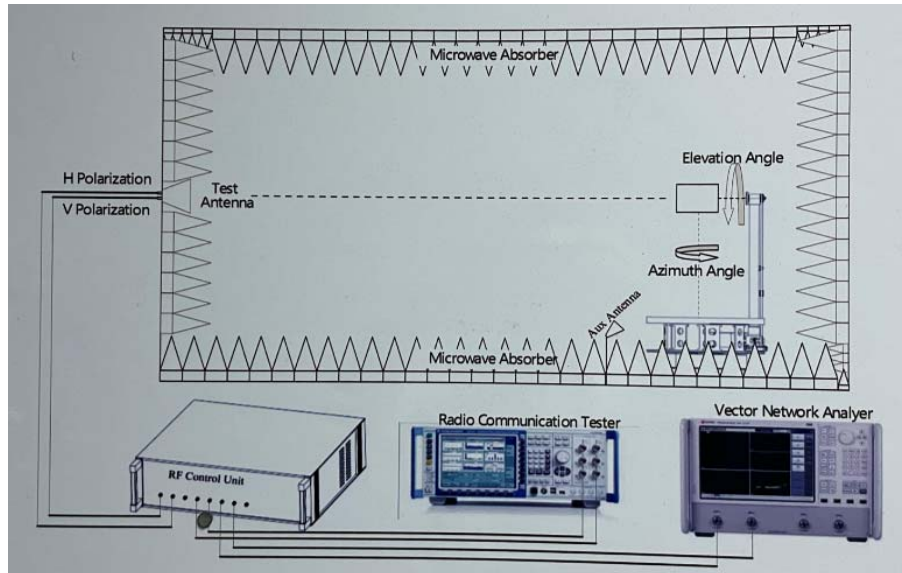


45H-Bar Antenna report

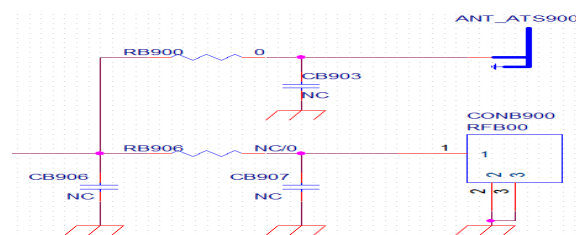
1. Test configuration diagram



Test step flow:

- 1) Maintain the test ambient temperature of 23 ± 2 C, the instrument is powered on and preheated for more than 30 minutes;
- 2) Turn on the darkroom power supply, connect the test cable, and set up the sample according to the standard;
- 3) Outline sets the test content objectives and conducts calibration tests;
- 4) Run the software, when the test is completed, export the corresponding test diagram and test data, and save to the corresponding directory.

2. Antenna Matching circuit

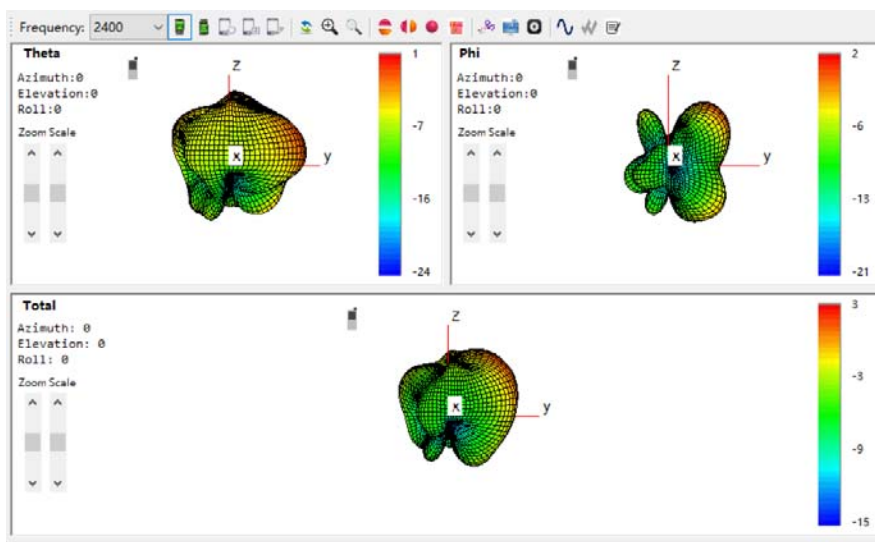


3. Antenna gain

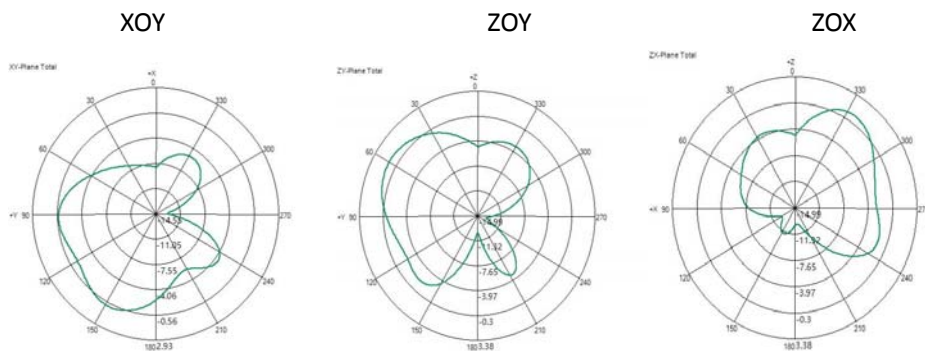
Freq(MHz)	Efficiency(dB)	Efficiency(%)	Gain(dB)
2400	-3.2	47.81	2.91
2410	-3.61	43.6	2.34
2420	-3.67	42.96	2.4
2430	-3.76	42.08	2.13
2440	-4.05	39.32	1.91
2450	-4.4	36.28	1.7
2460	-4.59	34.75	1.4
2470	-4.81	33.04	1.23
2480	-5.16	30.49	0.92

4. Antenna test data

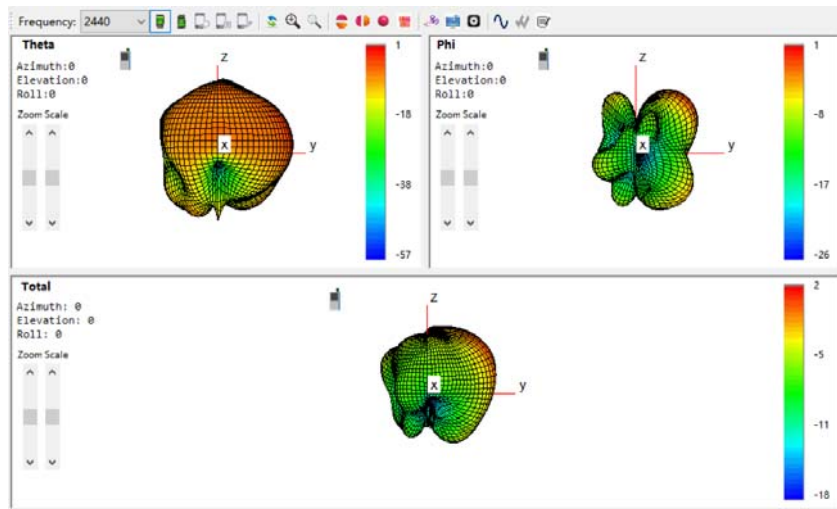
2400MHz



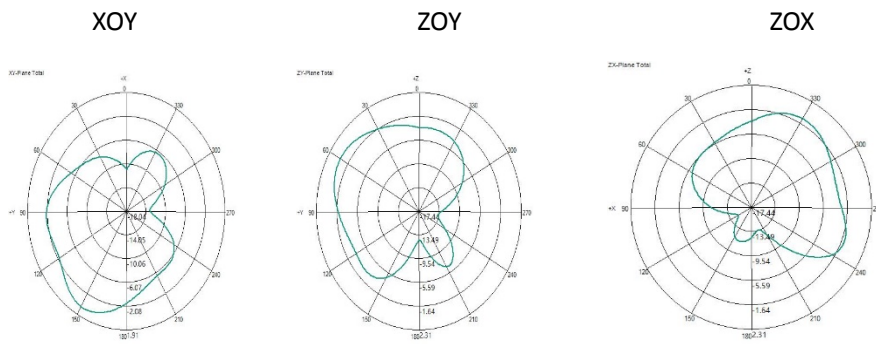
2400MHz



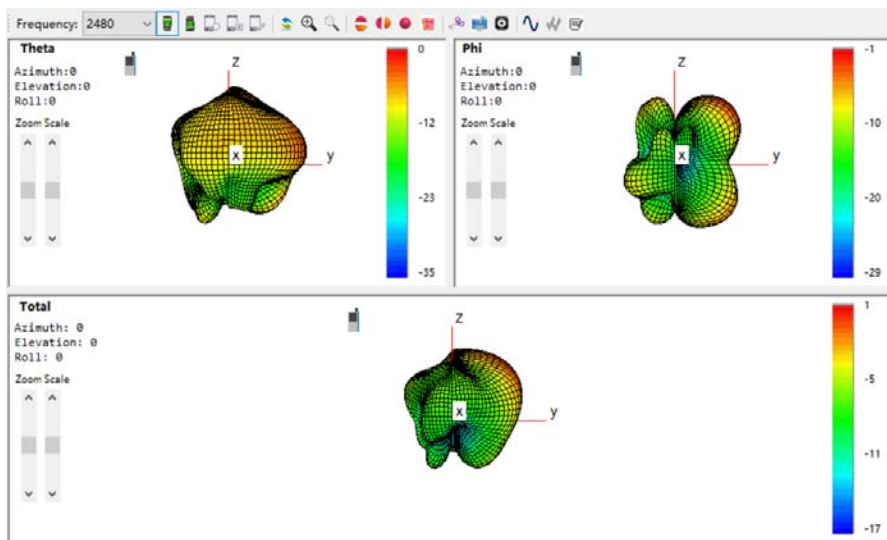
2440MHz



2440MHz

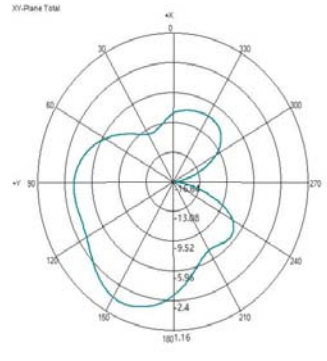


2480MHz

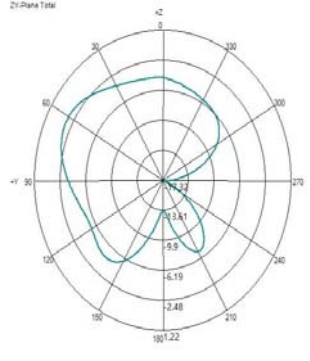


2480MHz

XOY



ZOY



ZOX

