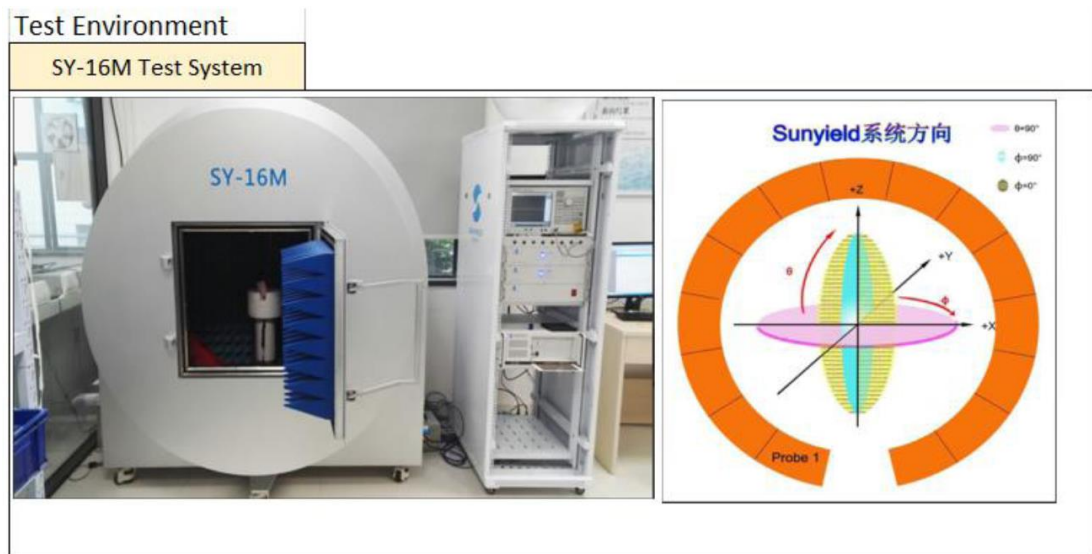
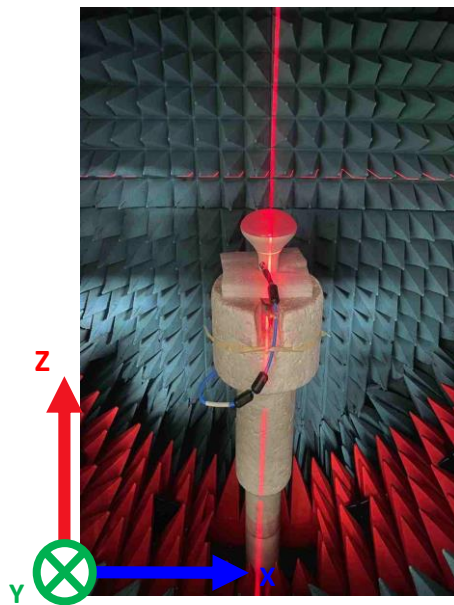


1 Test Environment



2 Test Sample



3 Antenna Spec

Parameter	Value
Frequency Range	2.4-2.5GHz
Antenna Gain	-0.02dBi
Antenna Type	PCB Antenna
Model Name	XJ-D
Manufacture	LEEDARSON LIGHTING CO., LTD.
Address	Xingda Road, Xingtai Industrial Zone, Changtai County, Zhangzhou, Fujian, China

4 Test Result

4.1 Efficiency and Gain

Table 1 Antenna Efficiency and Gain

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-1.24	-6.37	23.07
2410	-0.88	-6.03	24.96
2420	-0.42	-5.49	28.25
2430	-0.63	-5.57	27.74
2440	-0.71	-5.46	28.47
2450	-0.40	-5.16	30.51
2460	-0.17	-4.87	32.57
2470	-0.30	-4.87	32.57
2480	-0.46	-5.01	31.58
2490	-0.33	-4.87	32.55
2500	-0.02	-4.62	34.55
Min. Value	-1.24	-6.37	23.07
Max. Value	-0.02	-4.62	34.55
Avg. Value	-0.49	-5.27	39.71

4.2 Radiation Pattern

Table1 3D Radiation Pattern

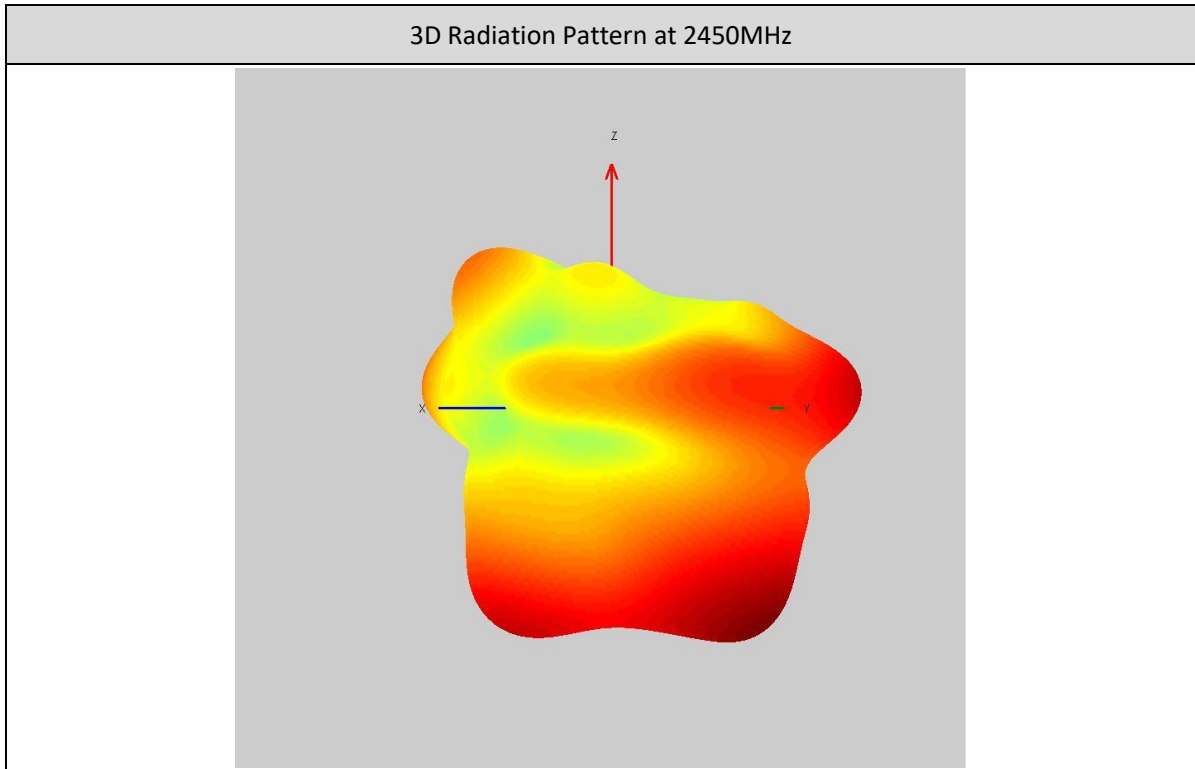


Table 2 Radiation Pattern in XY Plane

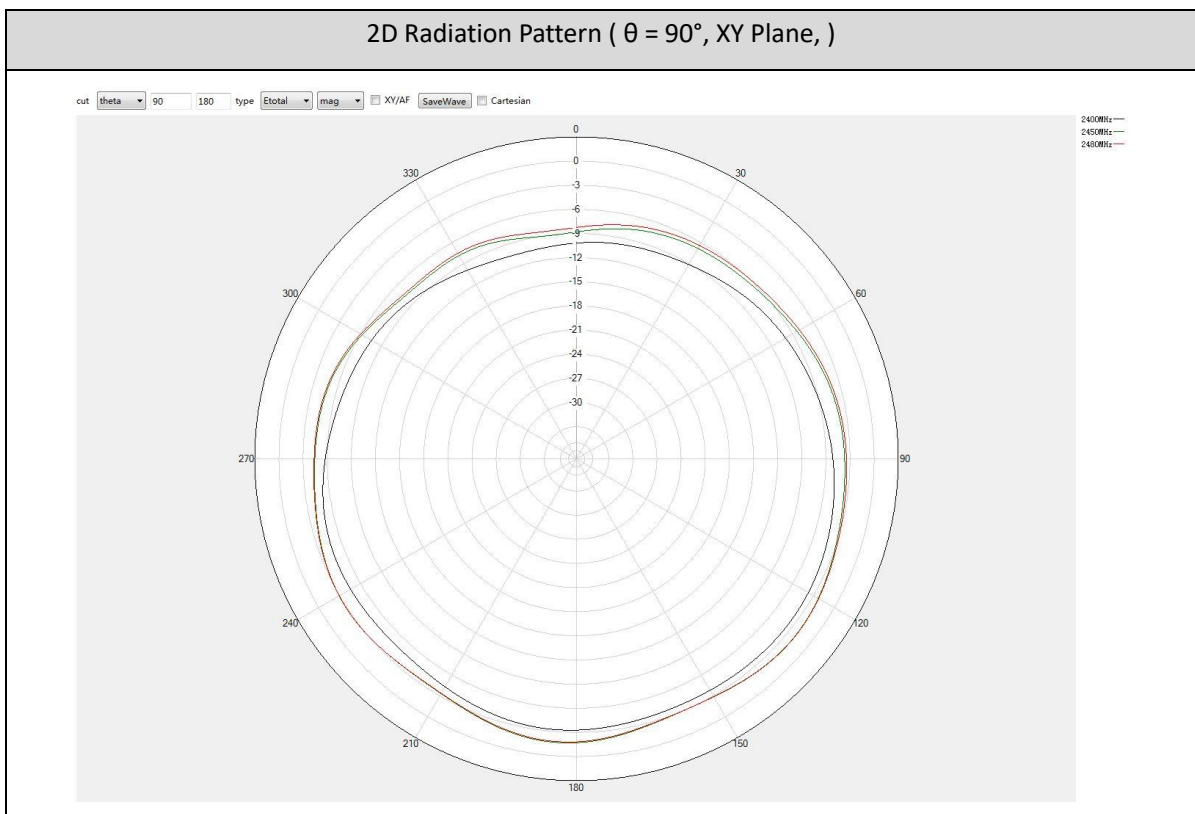


Table 3 Radiation Pattern in XZ Plane

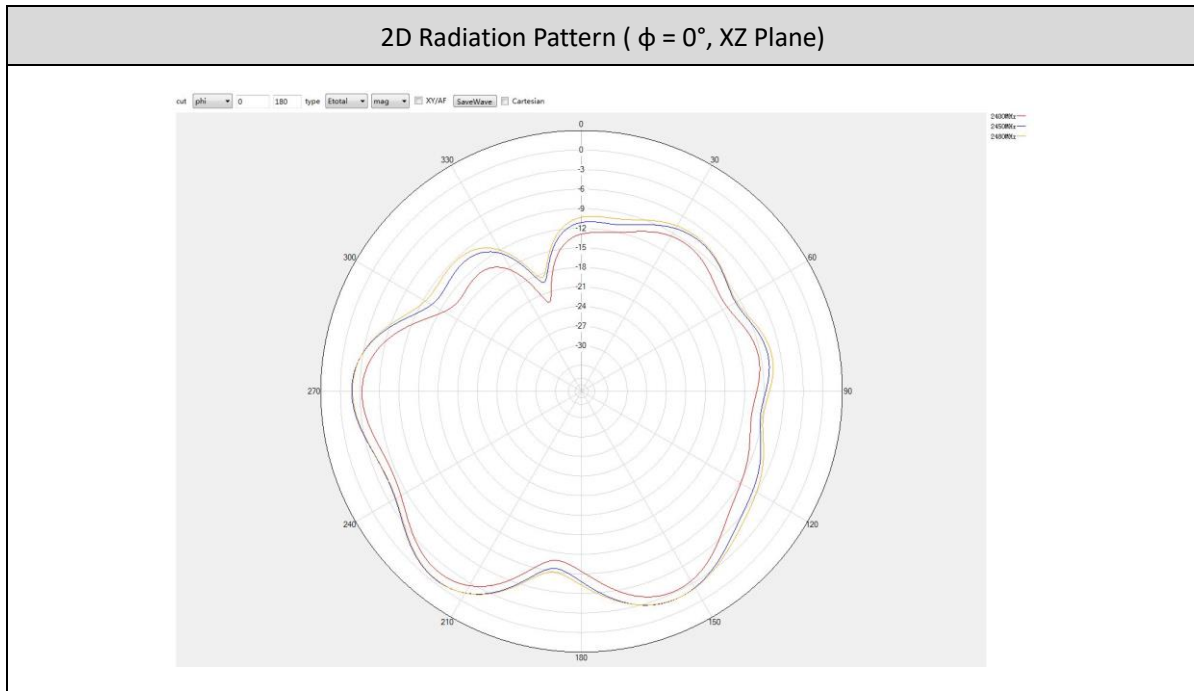
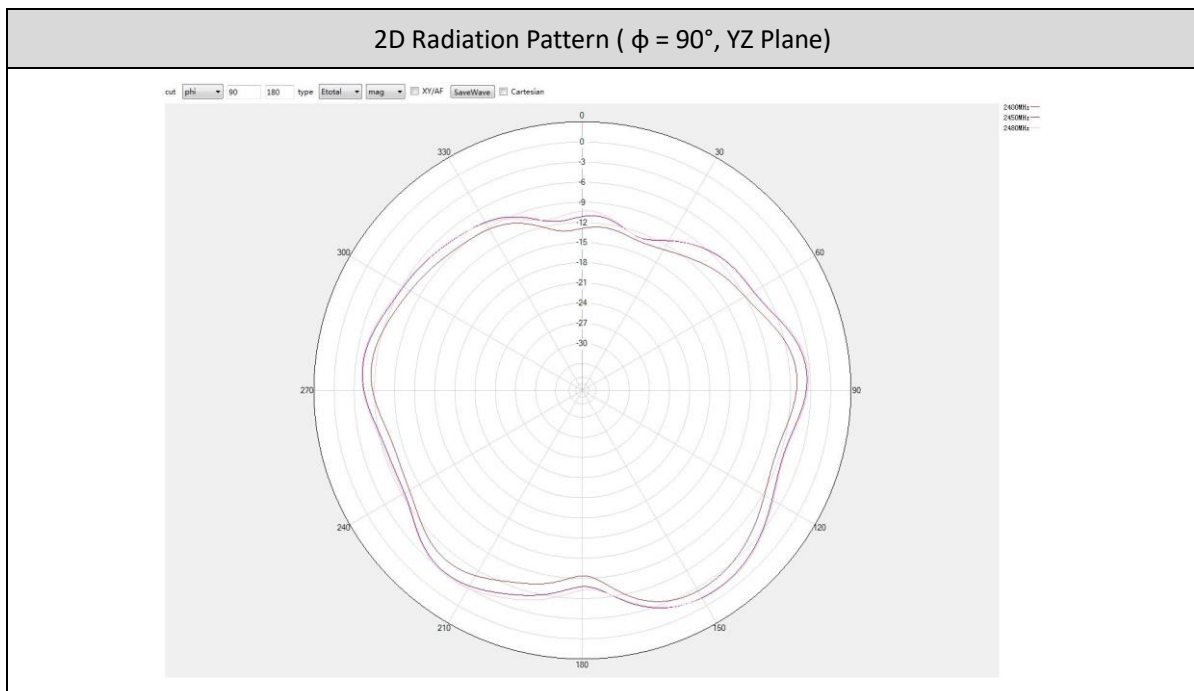


Table 4 Radiation Pattern in YZ Plane



Antenna Photo

