



Antenna Test Report



Equipment: open close sensor

Model Name:

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1、Antenna Spec

1.1 Antenna

Parameter	Value
Frequency Range	2.4 ~ 2.5 GHz
Antenna Peak Gain	4.12 dBi
Antenna Type	PCB IFA Antenna

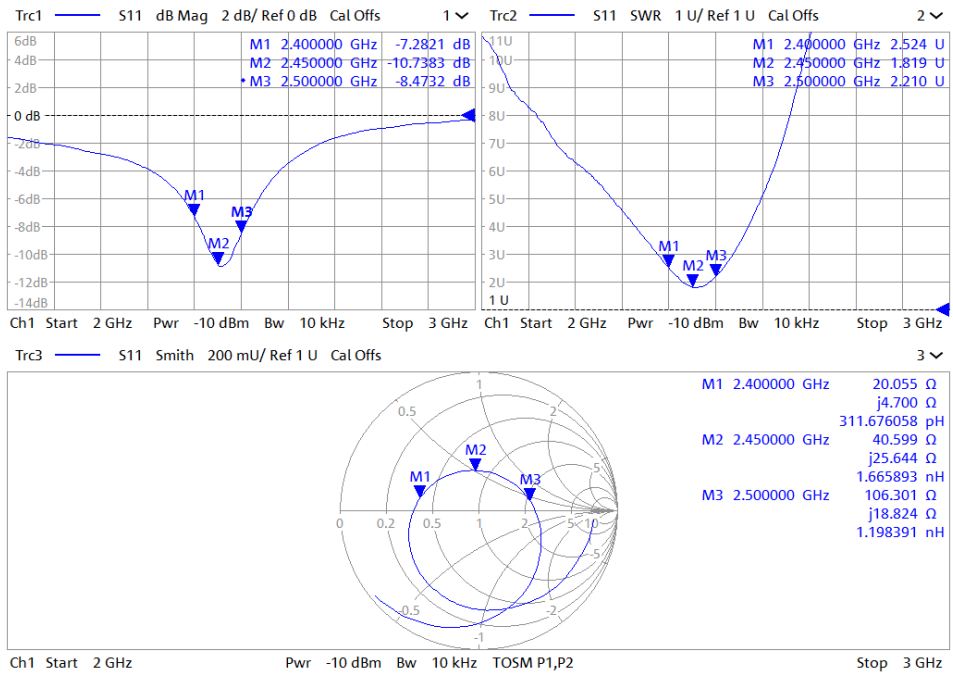
2、Test Result

2.1 Antenna Passive Test

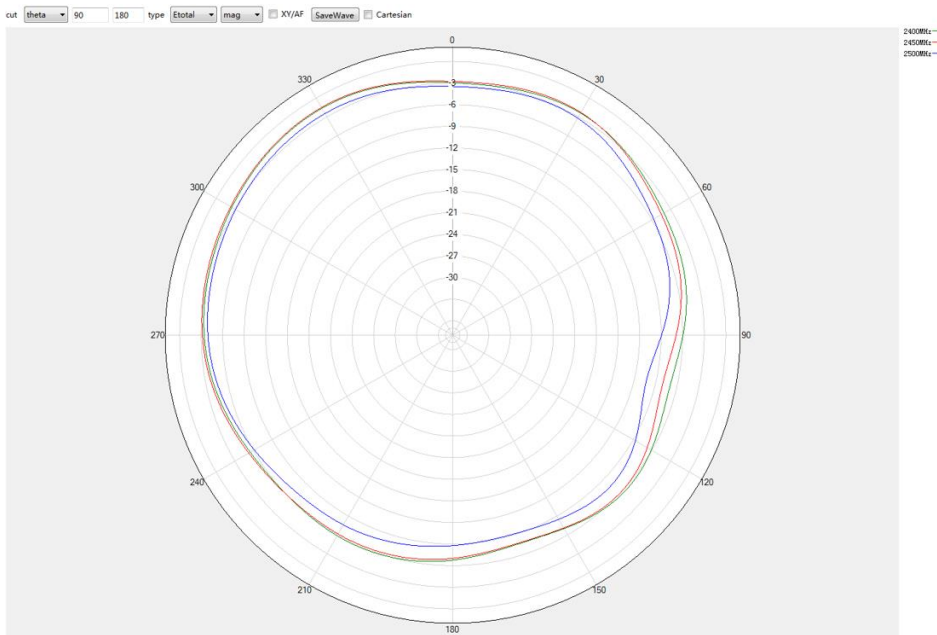
2.1.1 Gain

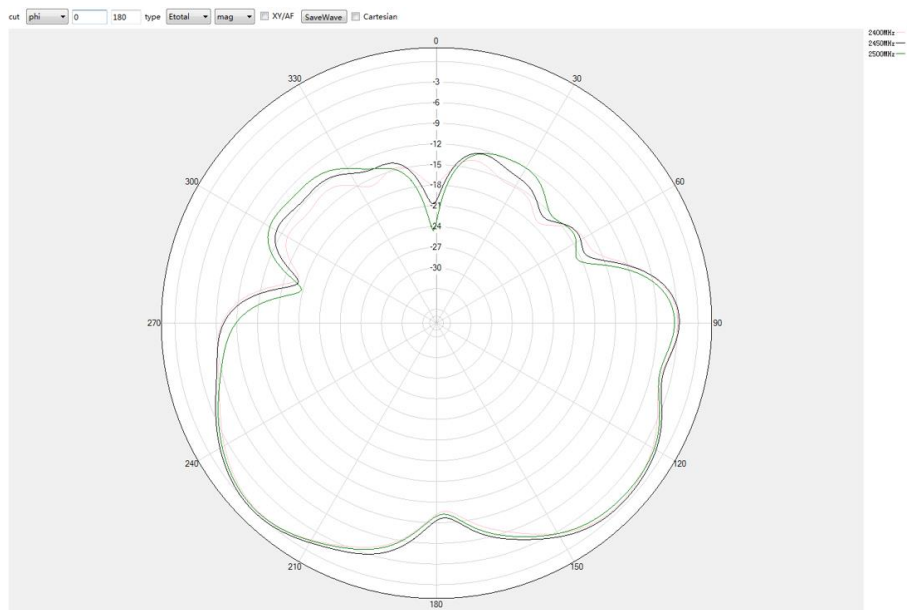
Frequency (MHz)	Gain (dBi)	Efficiency (dB)
2400	2.01	-5.74
2410	2.97	-4.90
2420	3.32	-4.49
2430	2.97	-4.74
2440	3.38	-4.22
2450	4.03	-3.77
2460	3.78	-4.07
2470	3.53	-4.26
2480	4.04	-3.87
2490	4.12	-3.86
2500	4.01	-4.06
MIN	2.01	-5.74
MAX	4.12	-3.77
AVG	3.47	-4.36

2.1.2 Smith Chart/S11/VSWR

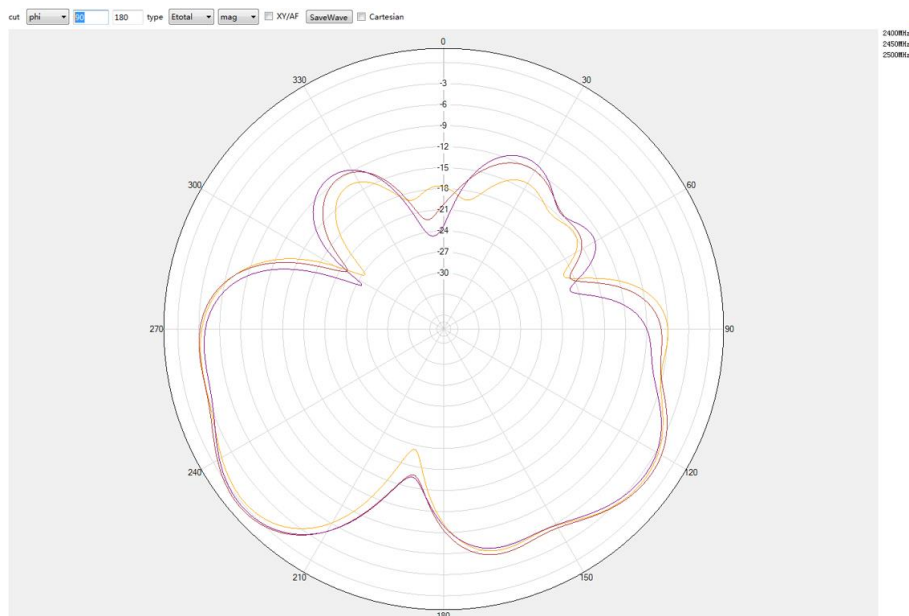


2.1.3 2D Radiation Pattern





$\phi = 0^\circ$



$\phi = 90^\circ$

2.1.4 3D Radiation Pattern

