

Noctera Test Report

Manufacturer: Bona Optics (Dongguan) Co., Ltd.

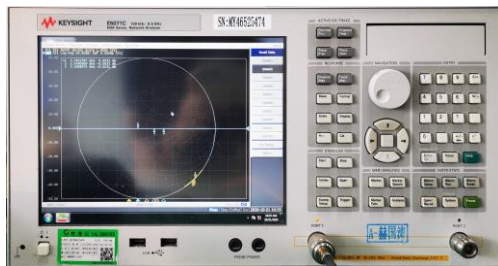
Manufacturer Address: Room 301, No. 118 Chang'anwei Lane,
Changlong Village, Huangjiang Town, Dongguan City, Guangdong
Province, China.

Report catalog

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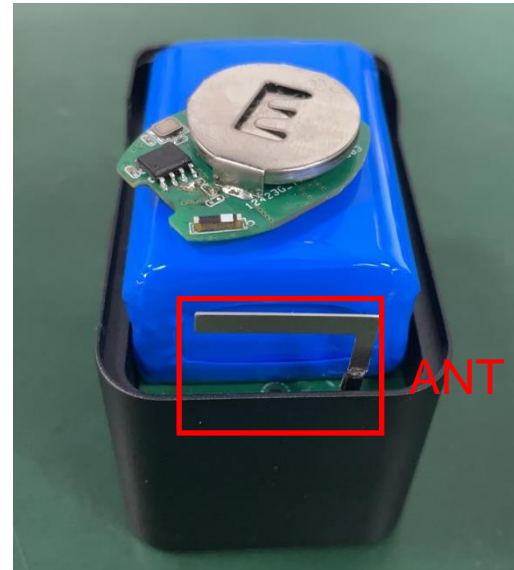
Test condition

测试项目	测试仪器	厂商
S参数	E5062A	Agilent
无源效率	E5071C/RayZone 1800	Keysight/GTS

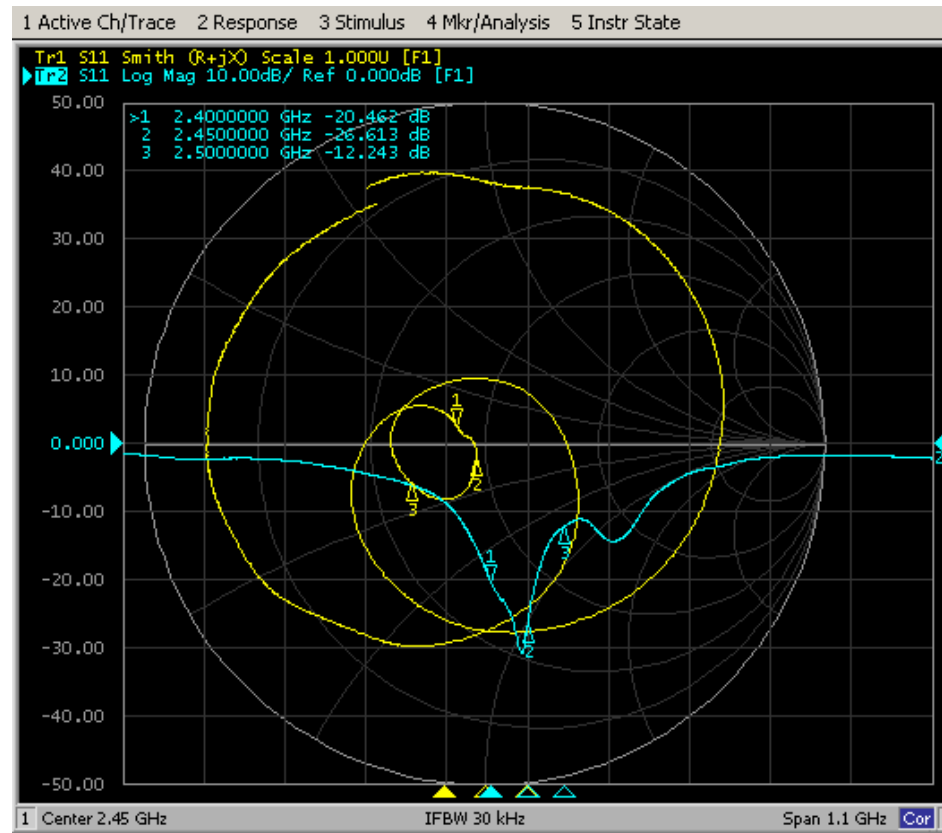


Prototype appearance

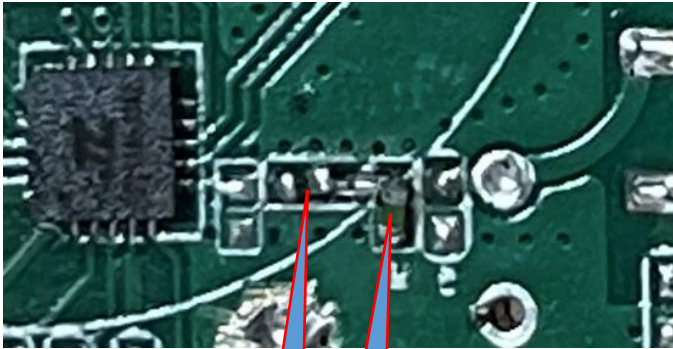
1. Prototype appearance diagram
2. Antenna position



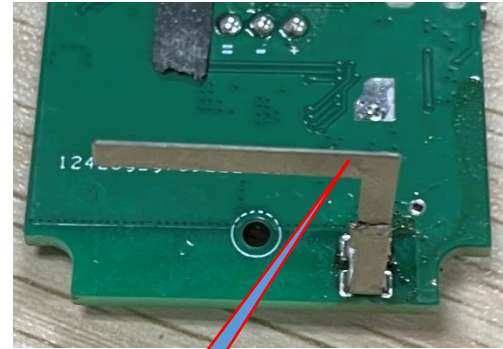
Antenna S parameter



Matching parameter



3 2



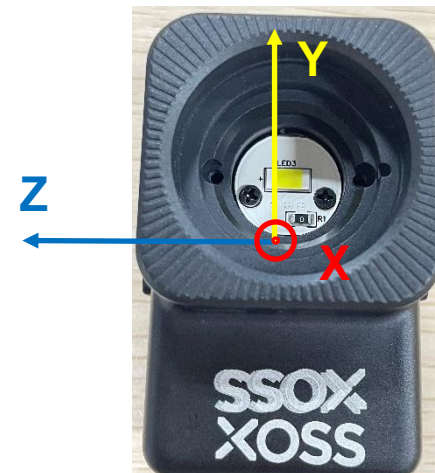
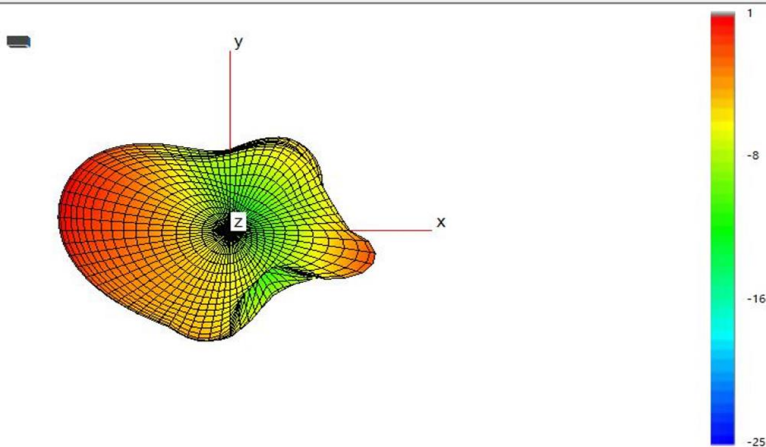
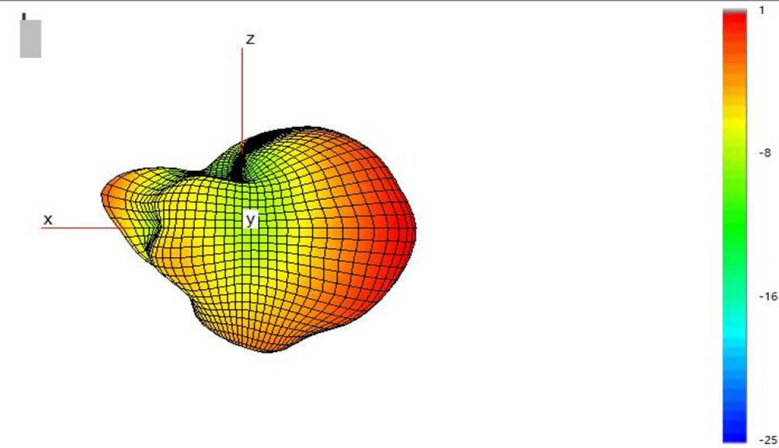
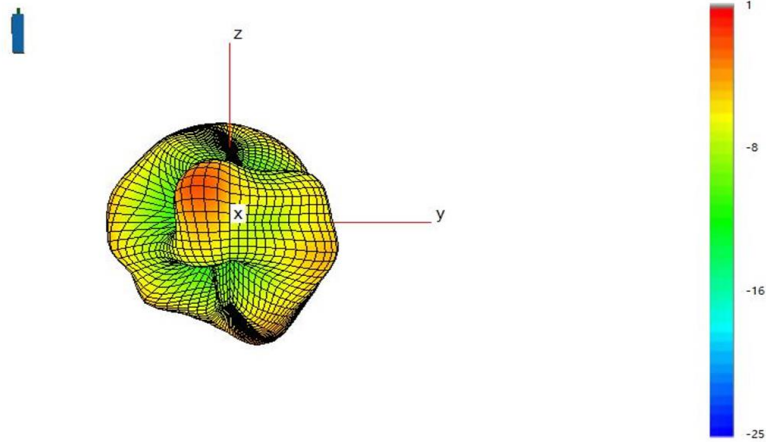
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编号	规格	厂商	公差	备注
1	天线主体	詠业		
2	L=8.2nH/0402	村田	±5%	
3	L=2.7nH/0402	村田	±0.1nH	

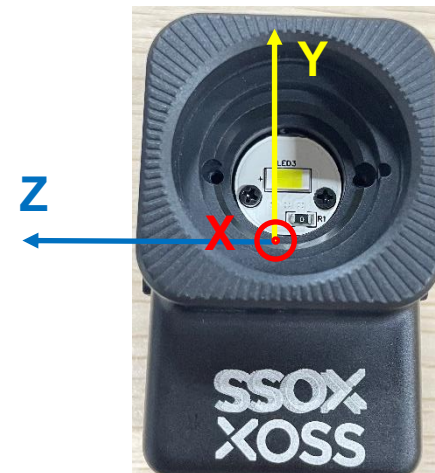
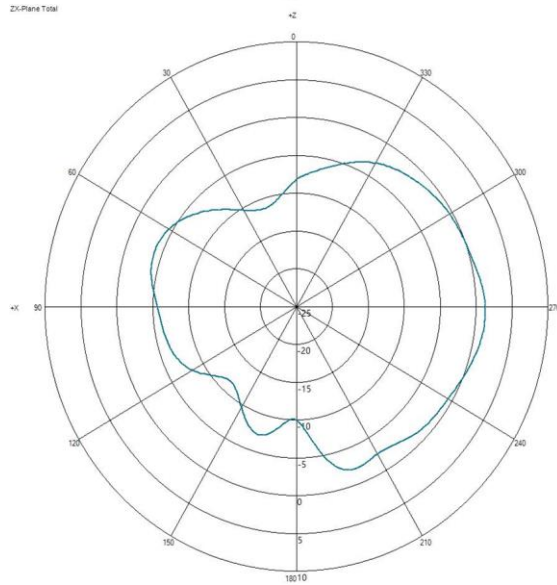
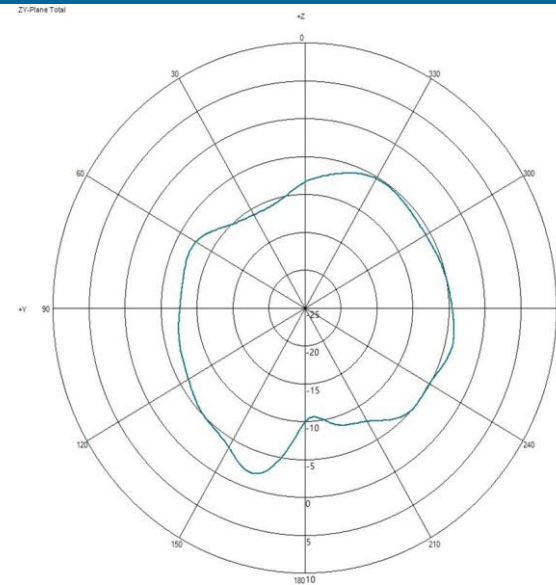
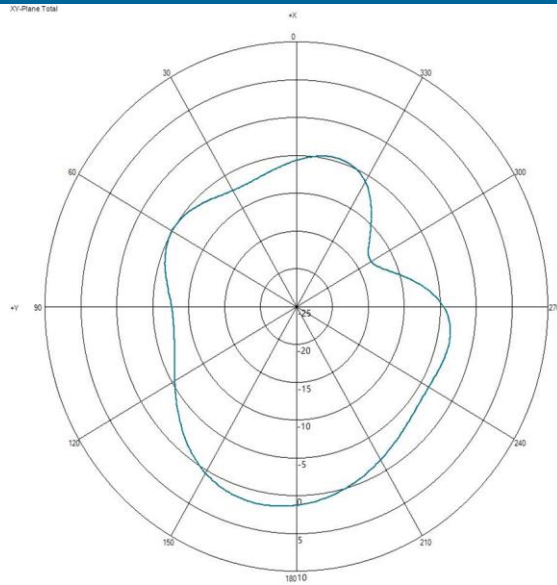
Antenna passive efficiency

Freq(MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	2.11	-3.51	44.61
2410	2.03	-3.66	43.05
2420	1.89	-3.86	41.12
2430	1.75	-4.02	39.66
2440	1.56	-4.15	38.48
2450	1.29	-4.29	37.24
2460	0.97	-4.41	36.23
2470	0.59	-4.52	35.32
2480	0.17	-4.58	34.81
2490	-0.14	-4.65	34.30
2500	-0.26	-4.65	34.29

3D radiation field pattern



2D radiation field type



Thanks for Your Attention