

SPECIFICATION

Shenzhen Strongpower Communication Co., Ltd

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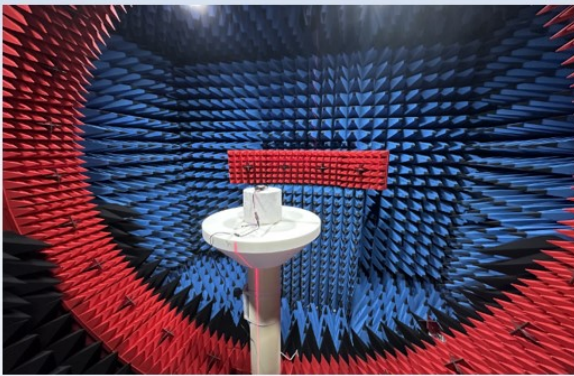
Customer	Solex	Frequency Band	2400MHz-2500MHz
Model	B39040		
RF designer	Zheng Zhou	Structural engineer	Peng Yaohui
Technical director	Fu Yicheng	Date	2026/4/29
Antenna Type	Steel plate antenna		
Company Address	Shenzhen Ruiqiang Communication Co., Ltd. Address: Room 502, W2-A, High-Tech Industrial Village, South High-Tech 4th Road, Nanshan District, Shenzhen		
Manufacturer Address	Shenzhen Zhongxinda Hardware Spring Products Co., Ltd. Address: Room 101, Building 1, Area B, Zhuyin Lake Industrial Park, No.1 Huangshan Road, Qingxi Town, Dongguan City		

Confirm by customer:

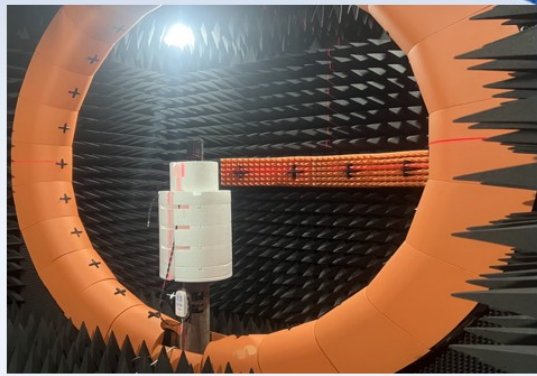
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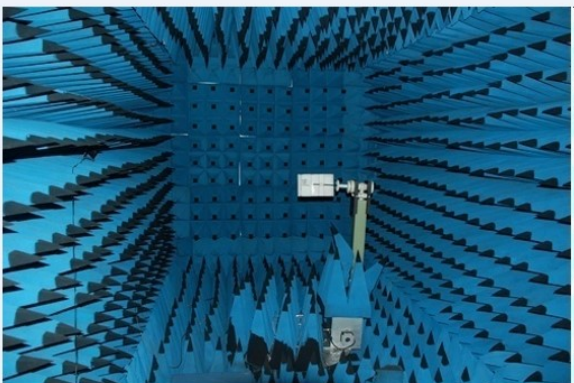
1. The Equipment of Active&Passive Test



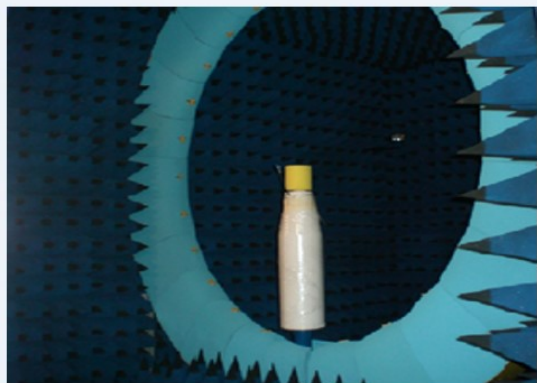
SUNYIELD测试系统



ATS-300L测试系统



广屏测试系统



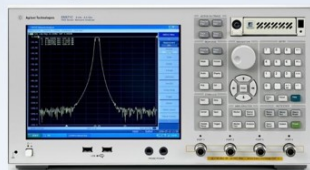
Satimo测试系统

仪器设备

R&S CMW500



Agilent E5071C



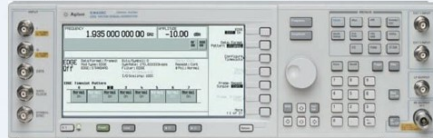
Anritsu MT8820C



Agilent N4010A



Agilent E4438C Signal Generator

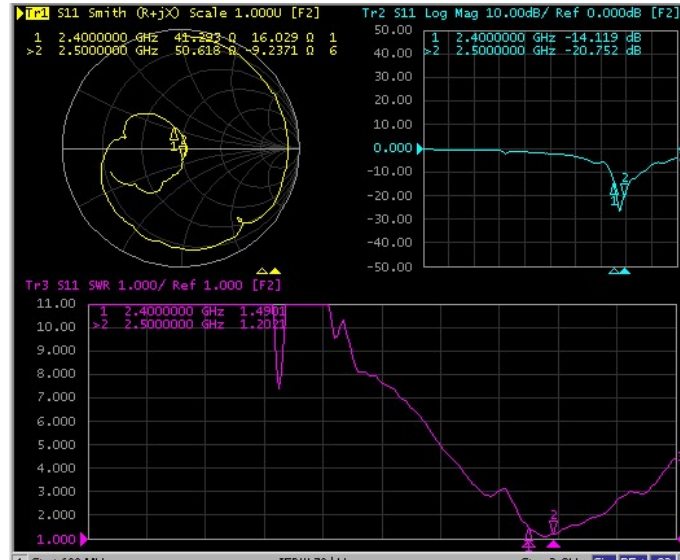


Anritsu MT8000A



2.Passive Test Data

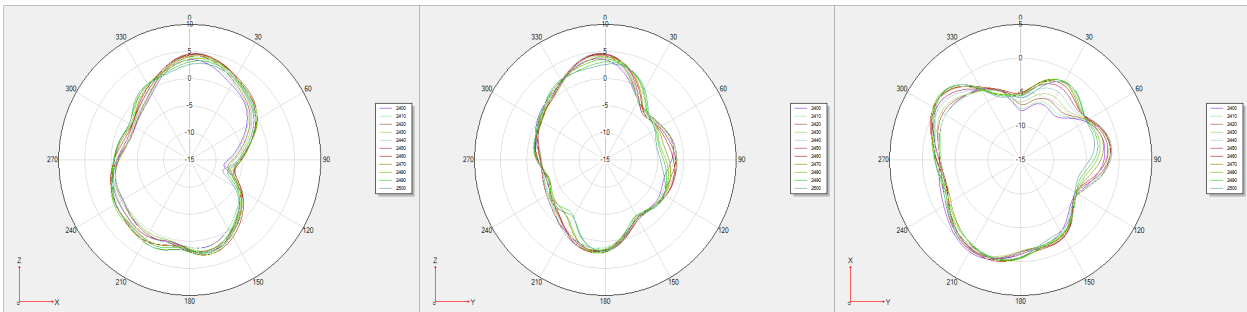
2.1 S-Parameters (Free Space)



2.2 Efficiency and Gain (Free Space)

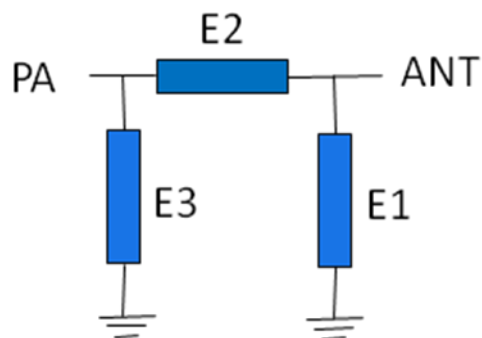
Frequency/Mhz	Efficiency/%	Efficiency/dB	MaxGain/dBi
2400	66.99	-1.74	3.75
2410	65.77	-1.82	4.18
2420	68.87	-1.62	4.44
2430	67.76	-1.69	4.63
2440	70.47	-1.52	4.75
2450	71.12	-1.48	4.72
2460	73.28	-1.35	4.59
2470	71.61	-1.45	4.28
2480	72.95	-1.37	3.93
2490	72.28	-1.41	3.5
2500	72.95	-1.37	3.12
AVG	70.37	-1.53	4.17

2.3 Passive Radiation Pattern (Free Space)



3. Matching Circuit

Matching	E1	E2	E3
Value	NC	1NH	1.2PF



4. Engineering drawing (see next page)

