



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

Antenna Study

- **Client Name: Taizhou Jiaojiang Yingxing Electronic Co., Ltd**
- **Project Name: Light Controller**
- **Model: YX-LS9-0.6A**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.04.16**

地址：东莞市塘厦镇林村社区新太阳工业城79栋 （东莞公司） 电话：0769-81777126

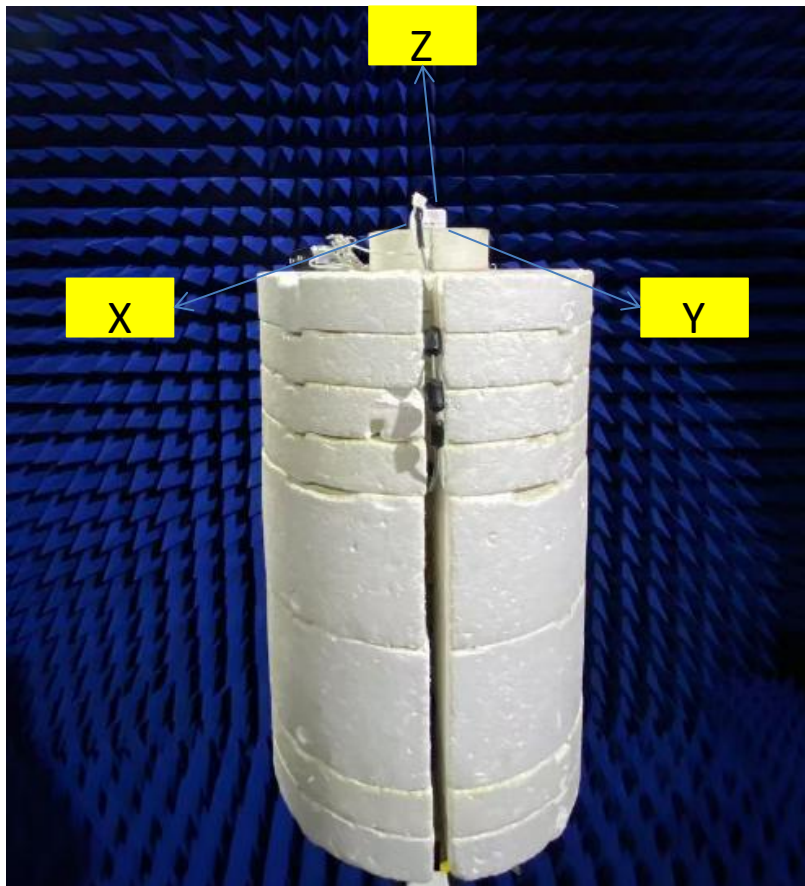
Address: Building 79, New Sun Industrial City, Lincun Community, Tangxia Town, Dongguan City (Dongguan Company) Tel: 0769-81777126

杭州市滨江区秋溢路500号乐通科技园3栋106室 （杭州分公司） 传真：0769-81777125

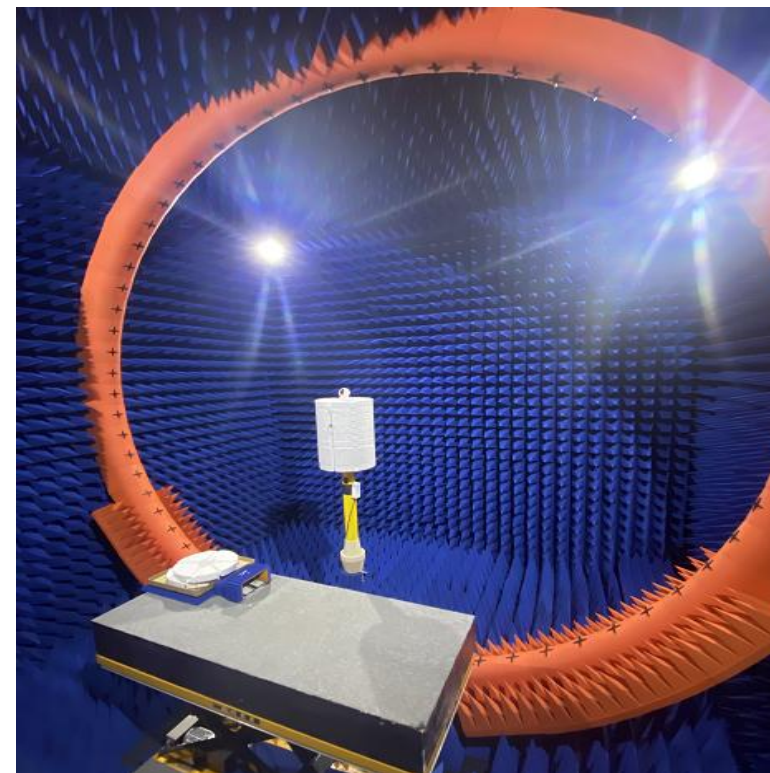
Room 106, Building 3, Letong Technology Park, No. 500, Qiuyi Road, Binjiang District, Hangzhou (Hangzhou Branch) Fax: 0769-81777125

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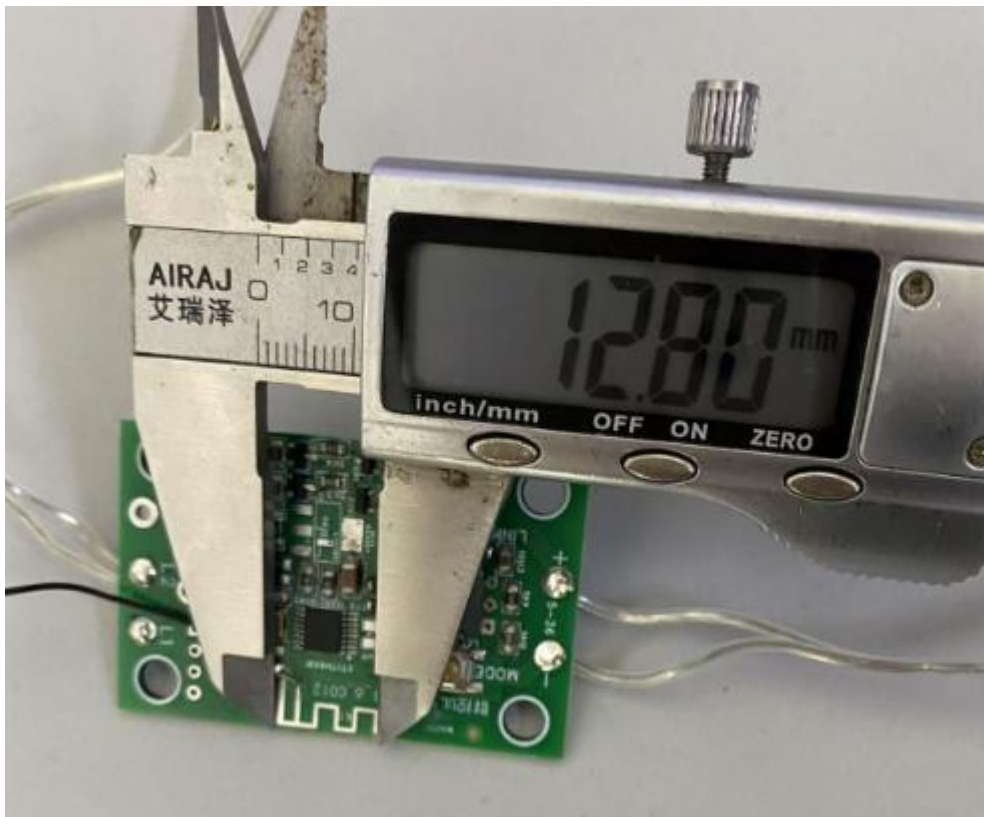
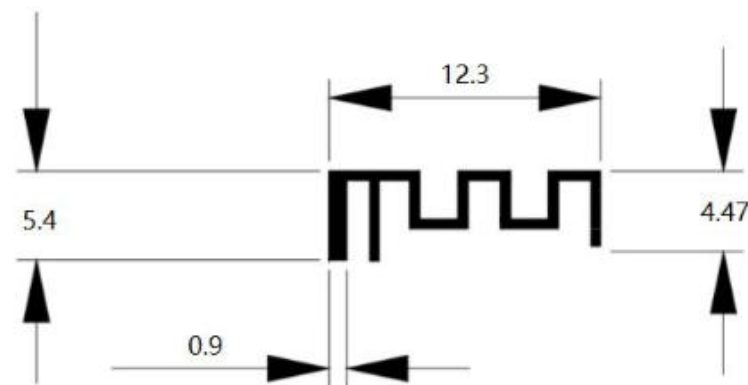
Testing environment



Testing 3D microwave darkroom(6m*6m*6m)

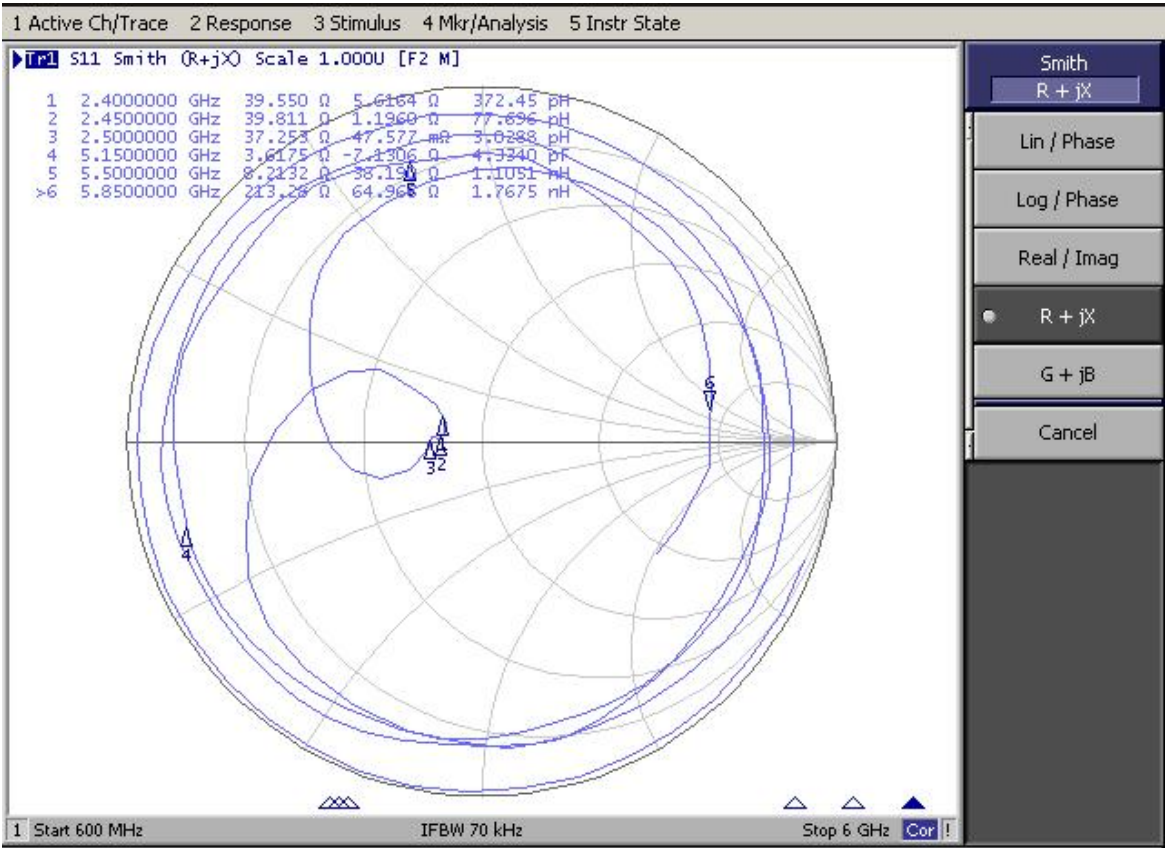
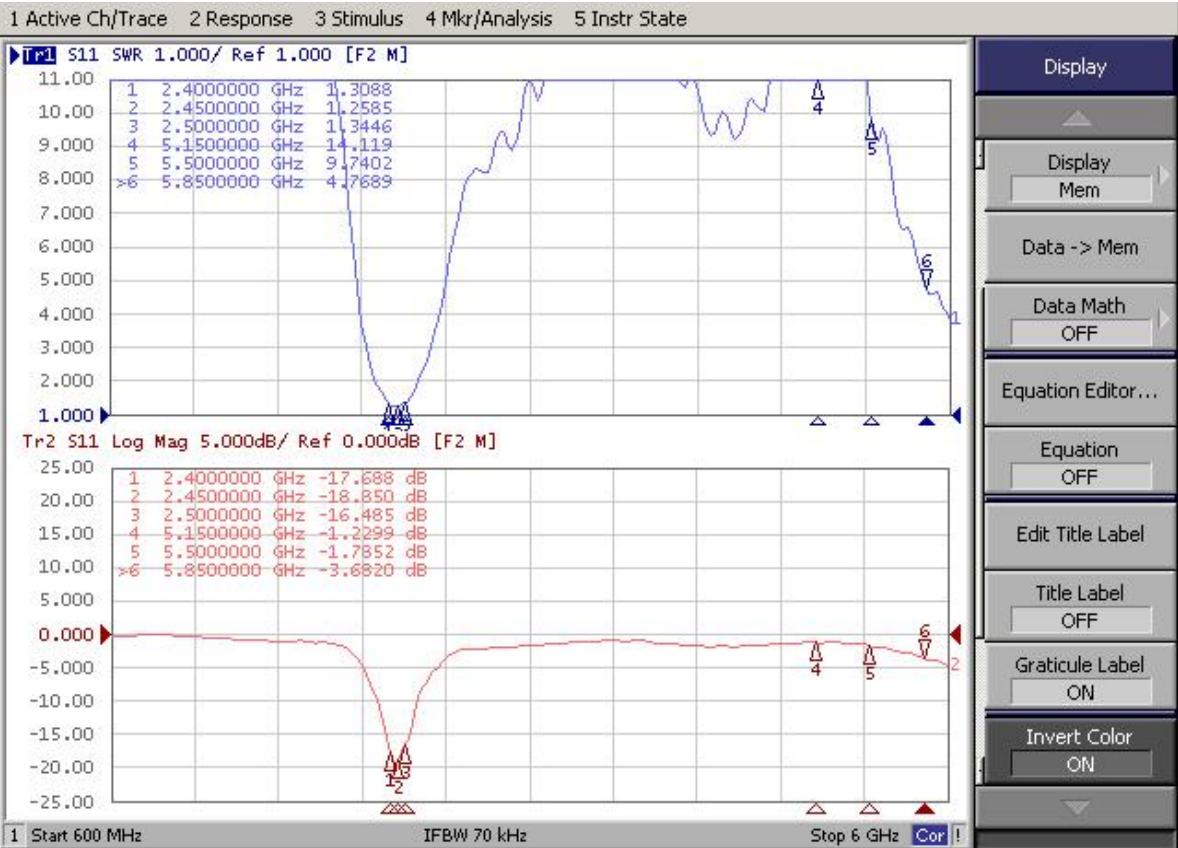
- Antenna name: 2.4G
- Covers : 2400/2500MHz

1.尺寸图/ Size :



Antenna

S Parameter_Return Loss&VSWR-Smith



Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	1.95	1.74	1.47	2.17	2.42	2.19	1.93	1.39	0.99	1.19	1.46
Efficiency (%)	50.72	50.65	49.89	50.85	50.71	49.55	49.92	49.23	47.30	46.48	47.32

