



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

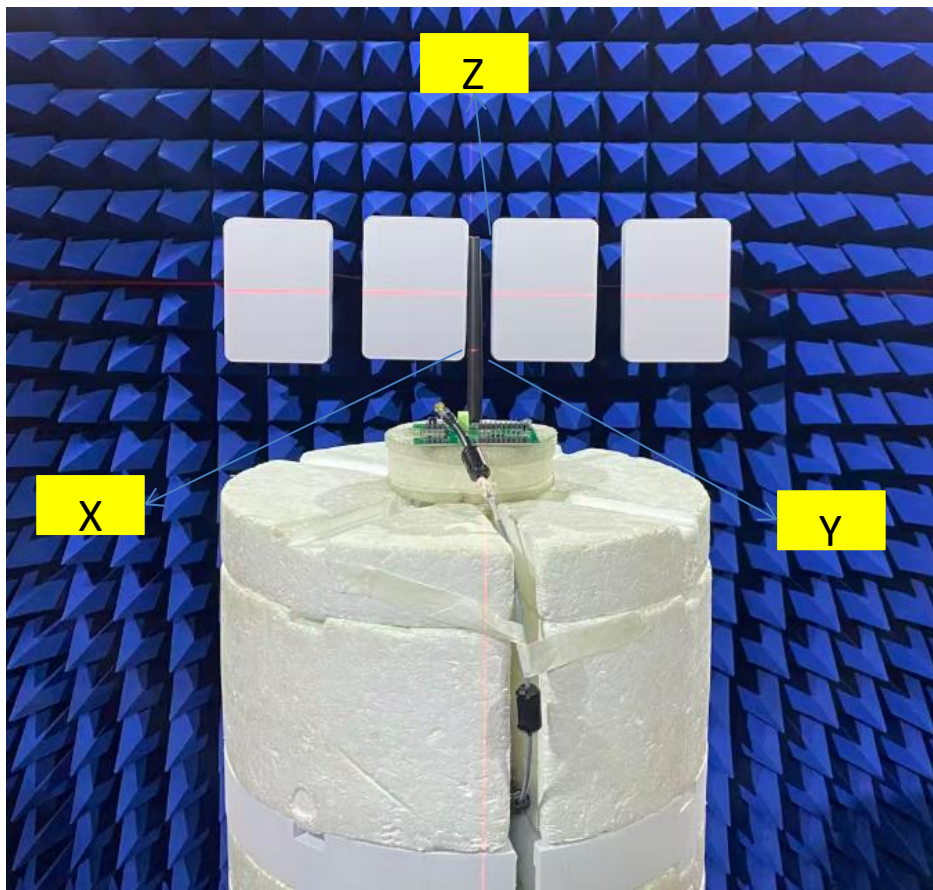
Antenna Study

- **Client Name: JMZenggeCo.,Ltd**
- **Project Name: WIFI 全局灯8口控制器CS款声控版(29S版)(5V)**
- **Model: ZJ-WCCSS-2-OSL8-S**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.08.16**

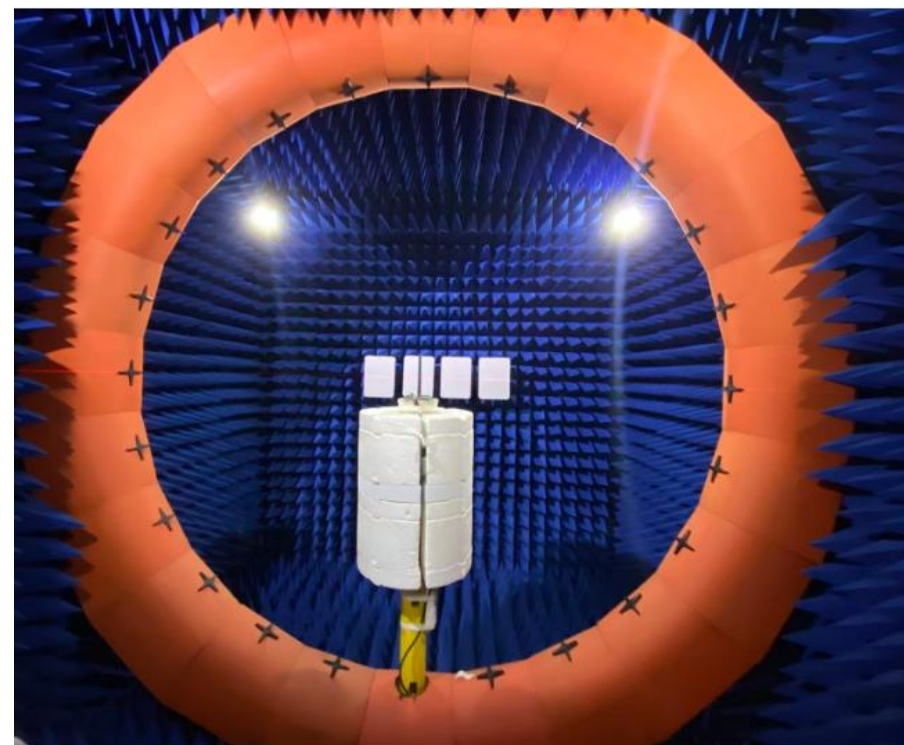
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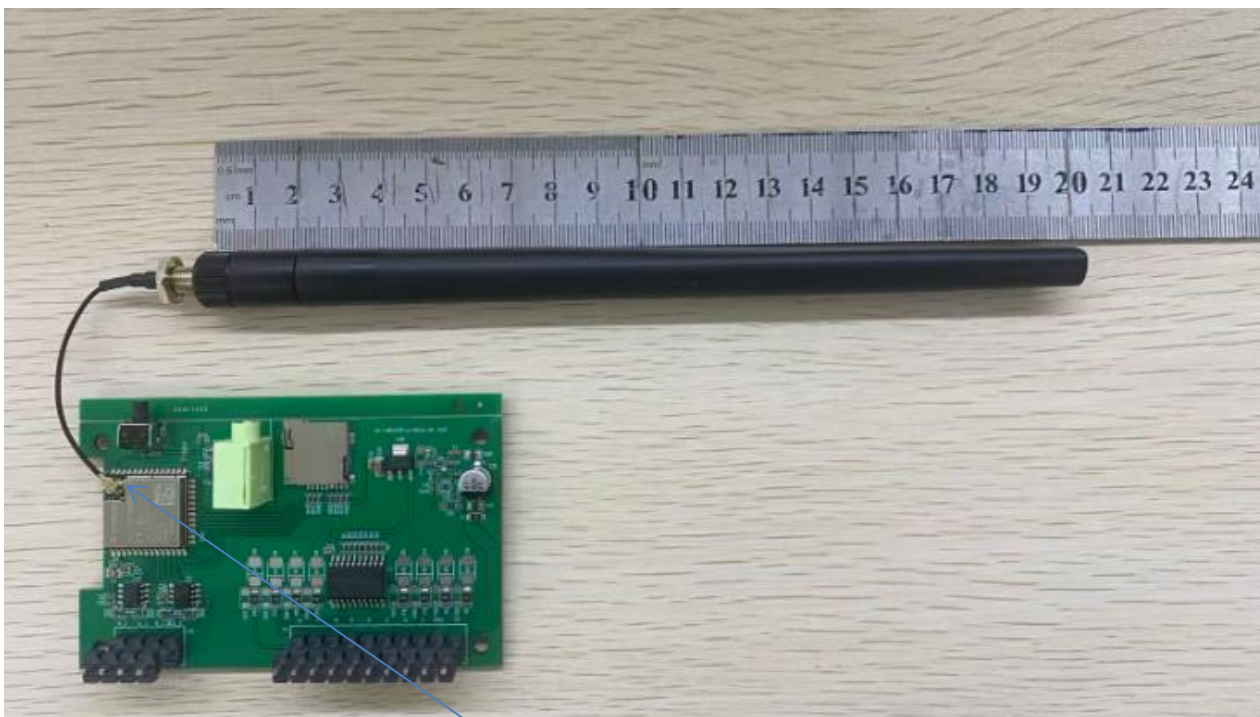


Testing environment



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

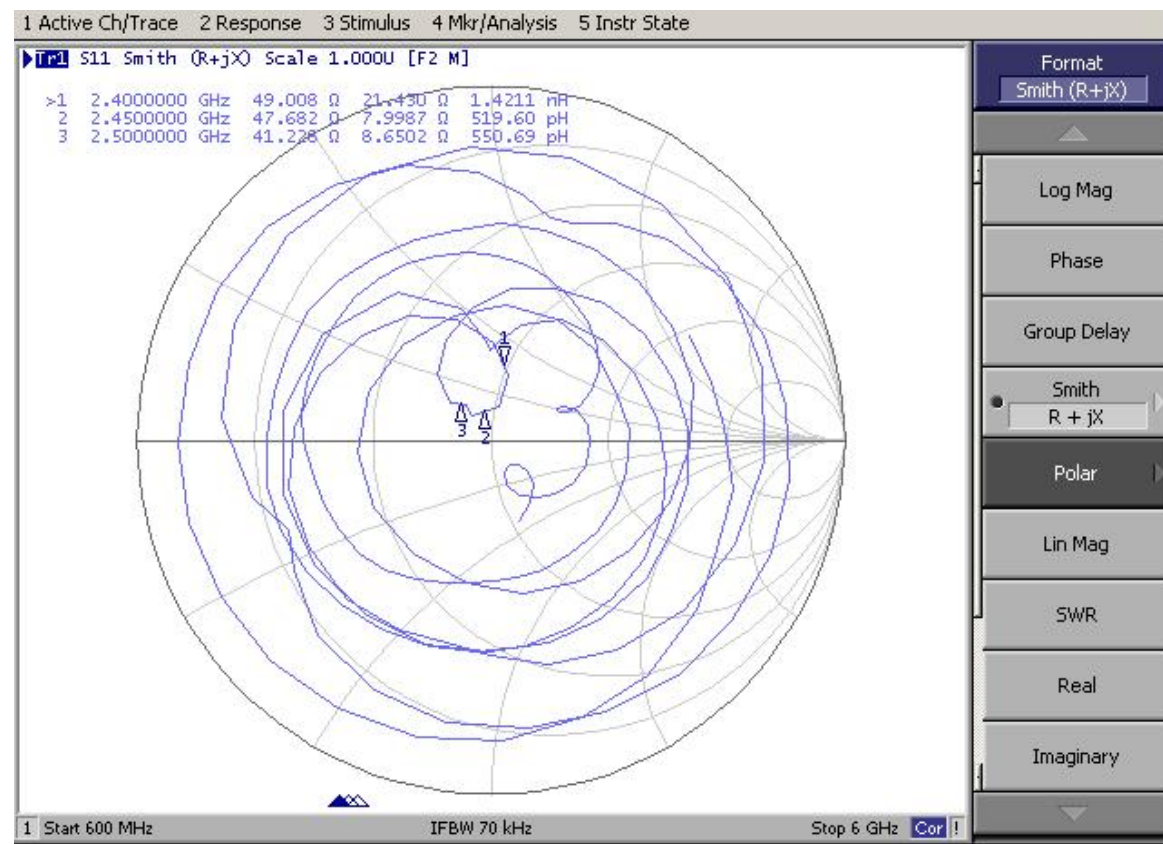
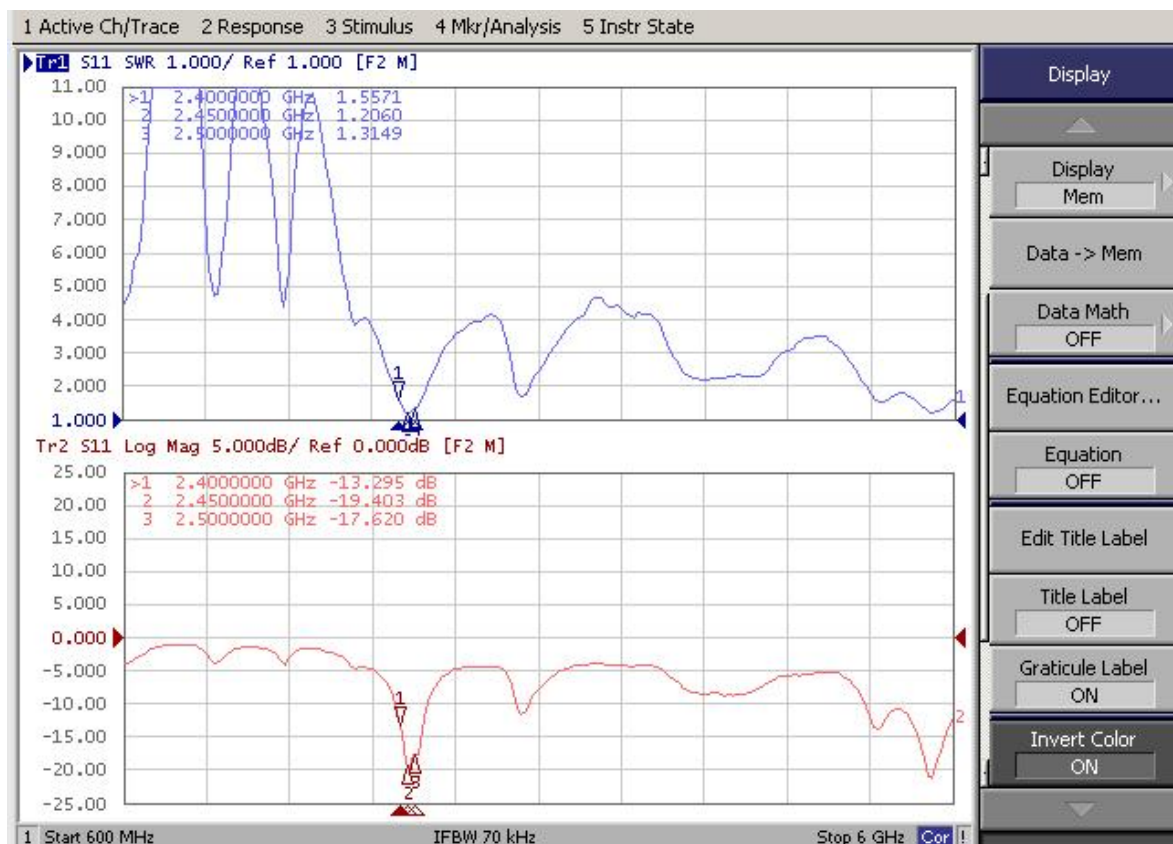
- Antenna name: 2.4G
-
- Covers : 2400/2500MHz



Antenna

S Parameter_Return Loss&VSWR-Smith

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Efficiency and Gain

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)	3.50	3.78	3.70	3.62	3.34	3.21	3.21	3.26	3.30	3.44	3.55
Efficiency (%)	62.17	64.39	64.61	66.91	68.67	72.12	75.22	75.07	75.32	77.66	79.02

