



好天线 · 优比造

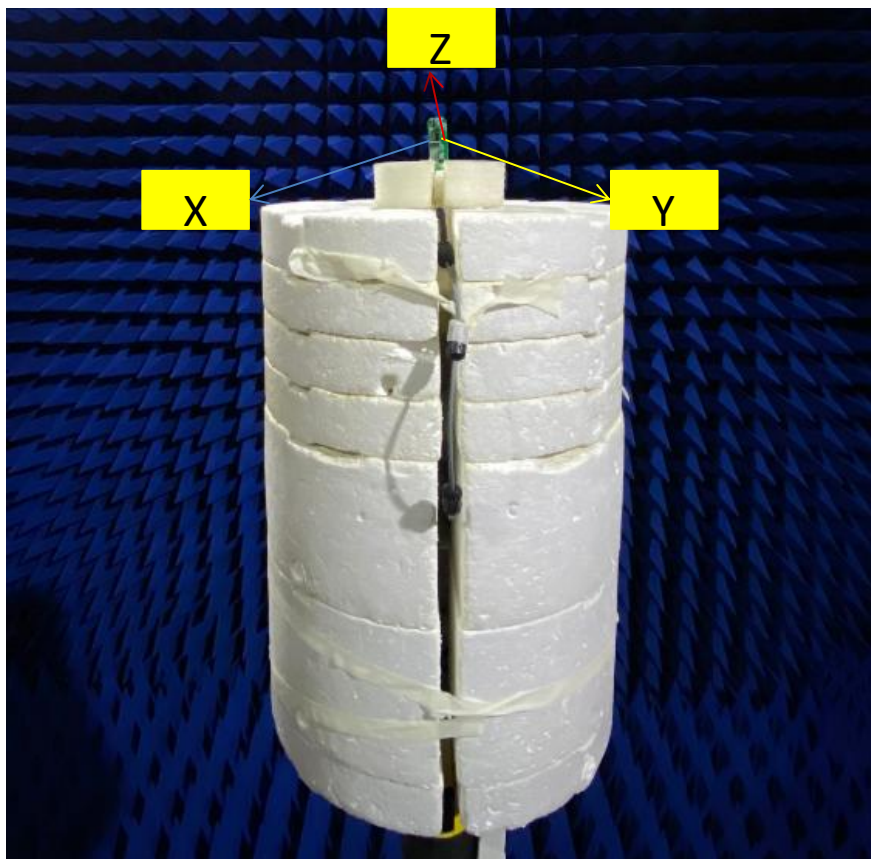
东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

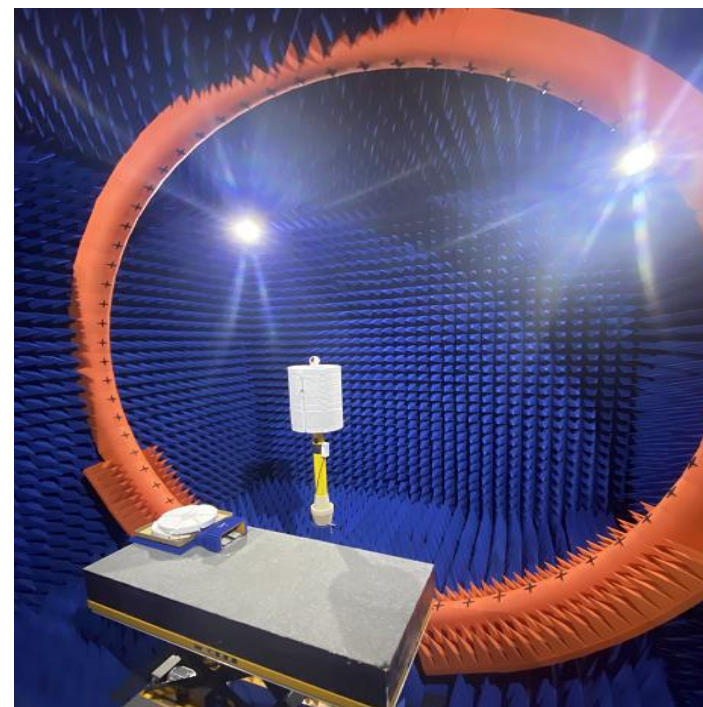
Add: Room 101, Building 2, No. 9 Xinfu Road, Lin Village, Tangxia Town, Dongguan City, Guangdong Province

Antenna Study

- **Client Name: JM Zengge Co.,Ltd**
- **Project Name: 1314 RGBIRGBW Online Switch Type Controller**
- **Model: ZJ-BCUAS-HCQ2-1K-S**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2024.11.19**



Testing environment



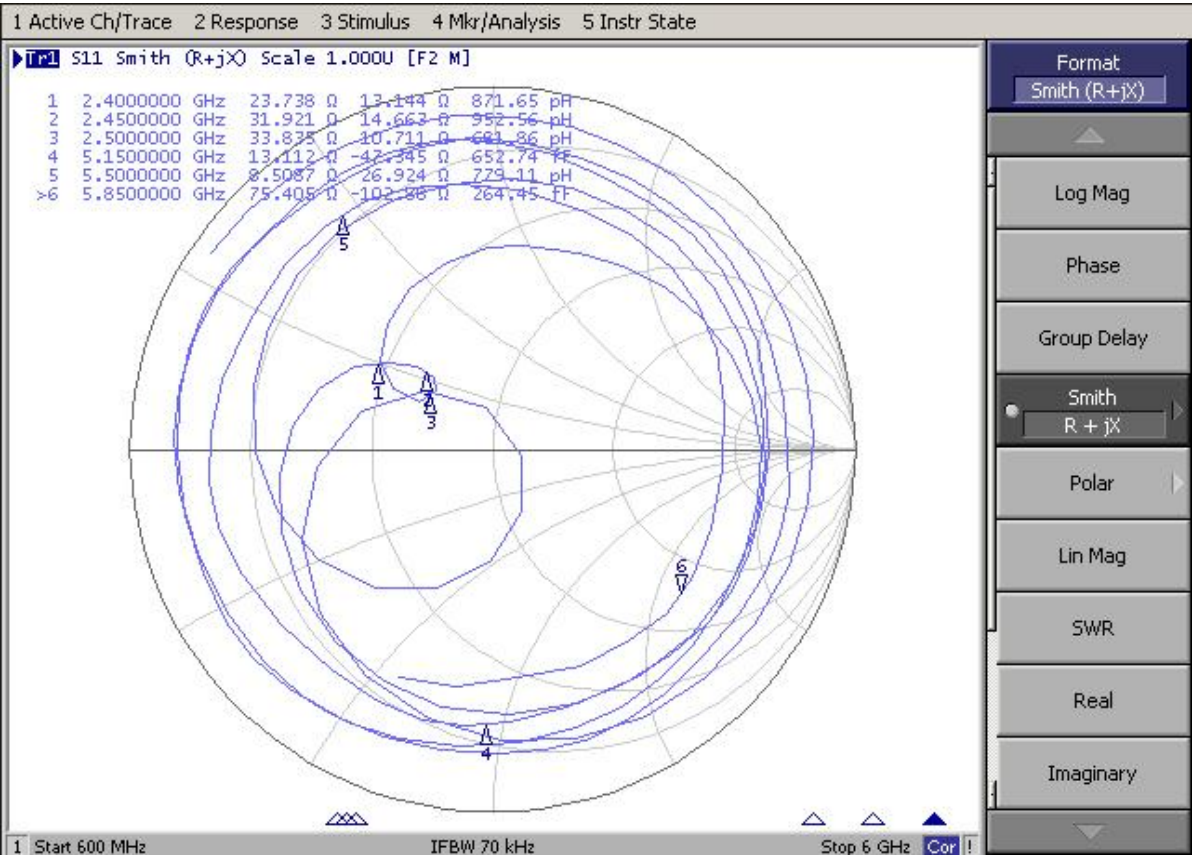
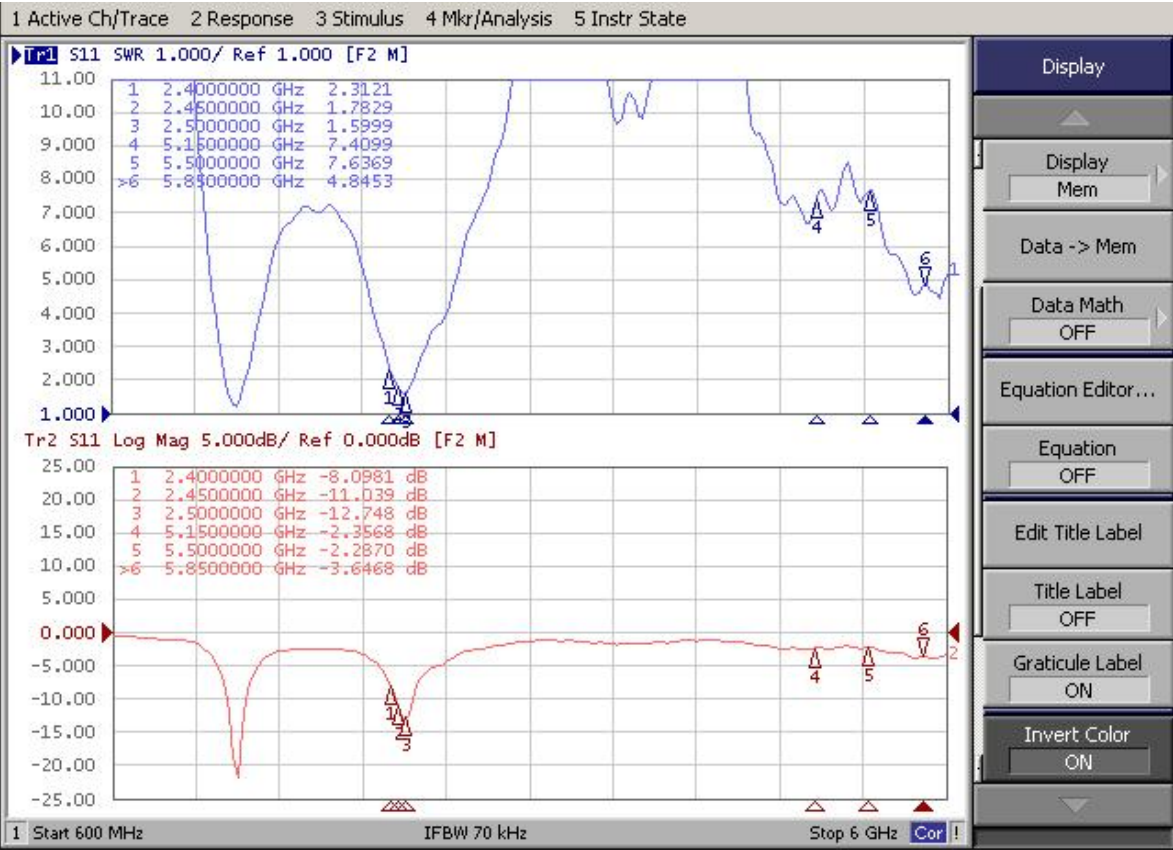
Testing 3D microwave darkroom(6m*6m*6m)

- Antenna name: Bluetooth
- Covers : 2400/2500MHz



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)	-4.86	-4.56	-4.34	-4.02	-3.51	-3.10	-2.93	-2.56	-2.22	-1.83	-1.18
Efficiency (%)	12.59	13.78	15.49	16.82	18.86	20.33	21.61	23.78	26.74	28.26	32.15

