



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

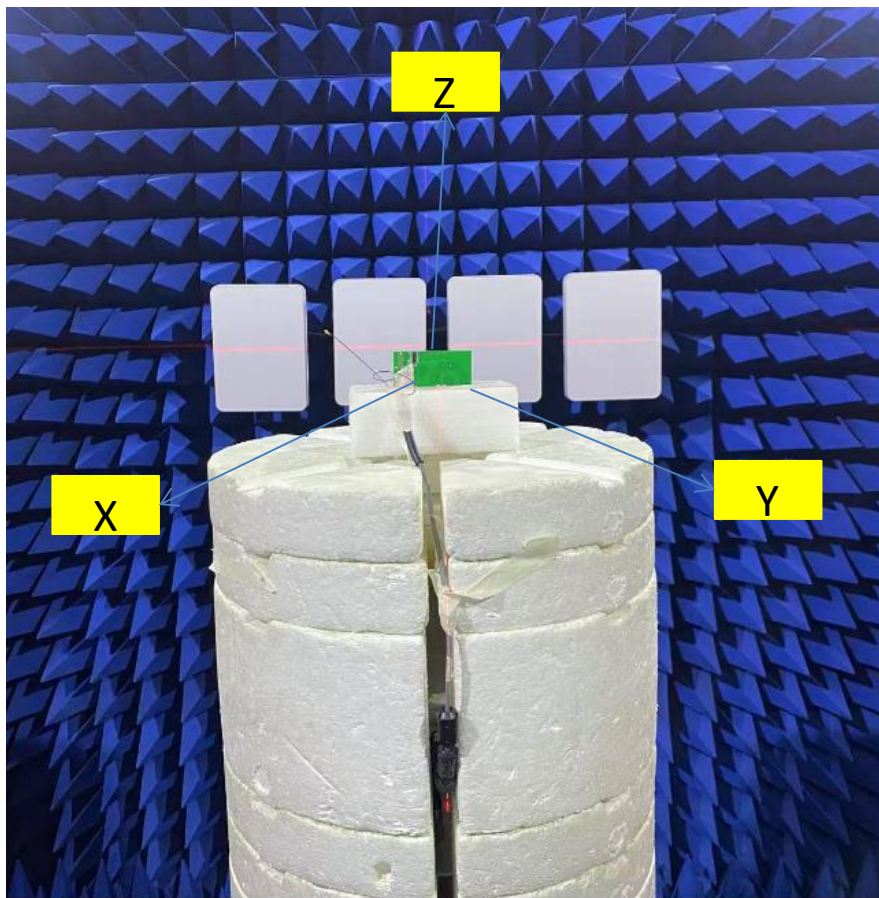
Antenna Study

- **Client Name: Dongguan Yihong Hardware Electronics Co., Ltd**
- **Project Name: Rader LED controller**
- **Model: YH-1067KOGXX-发射**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.06.18**

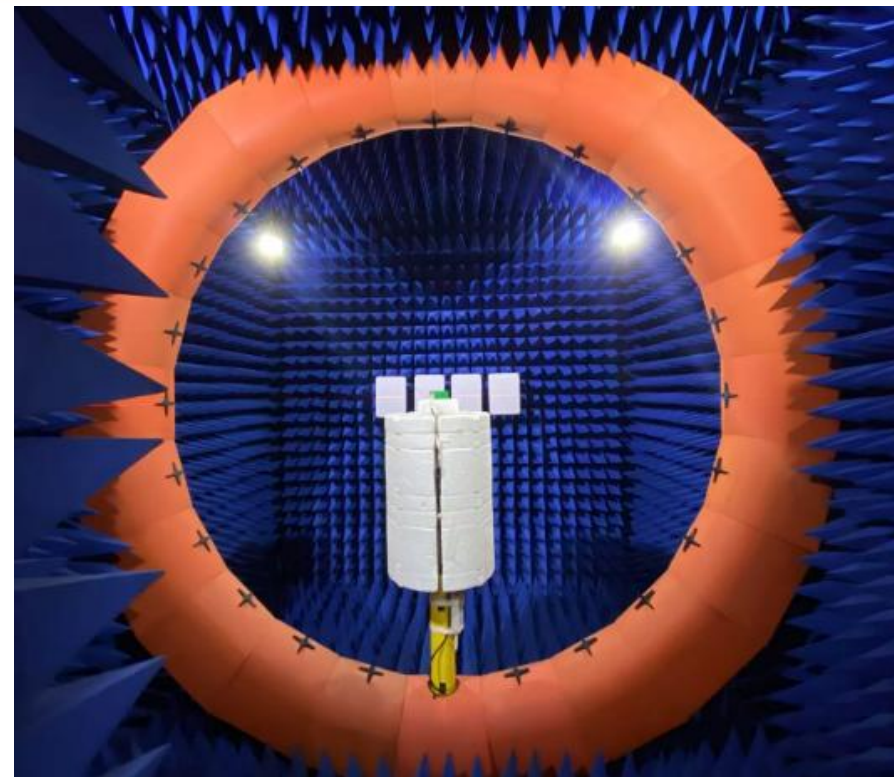
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Testing environment



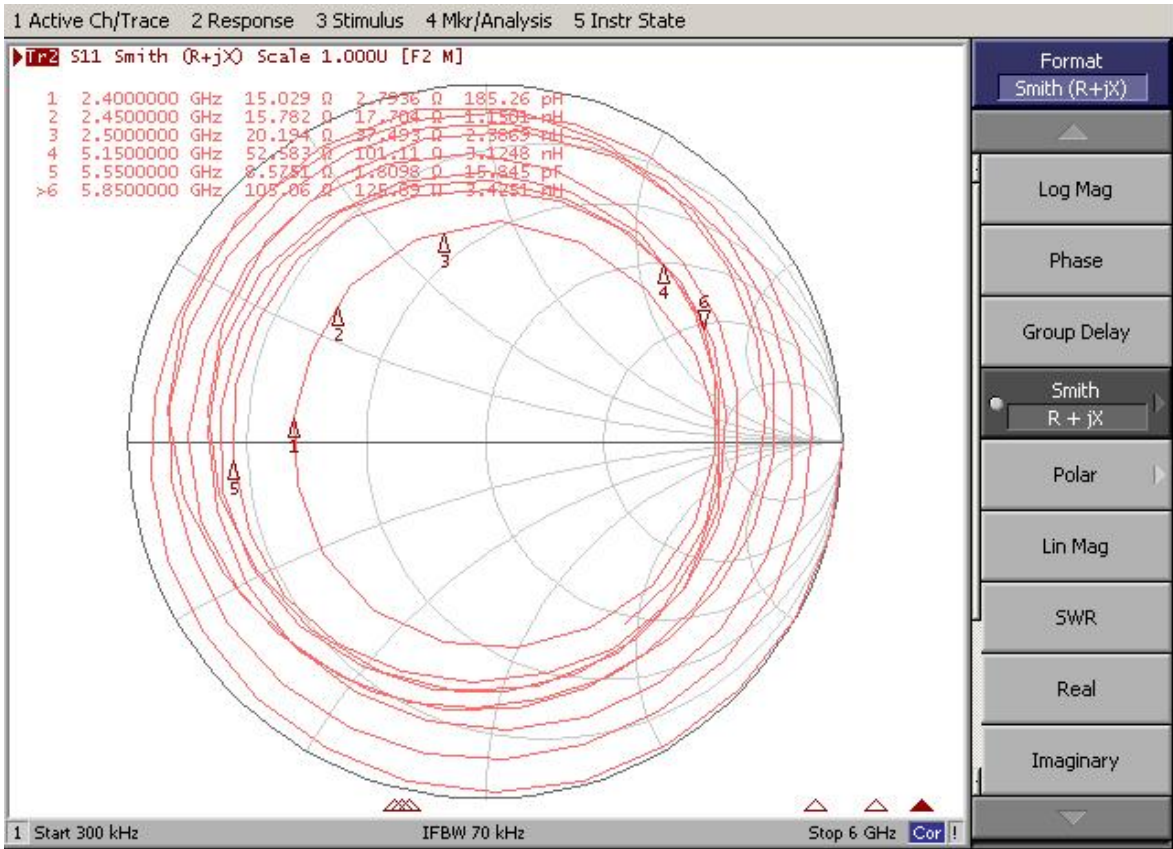
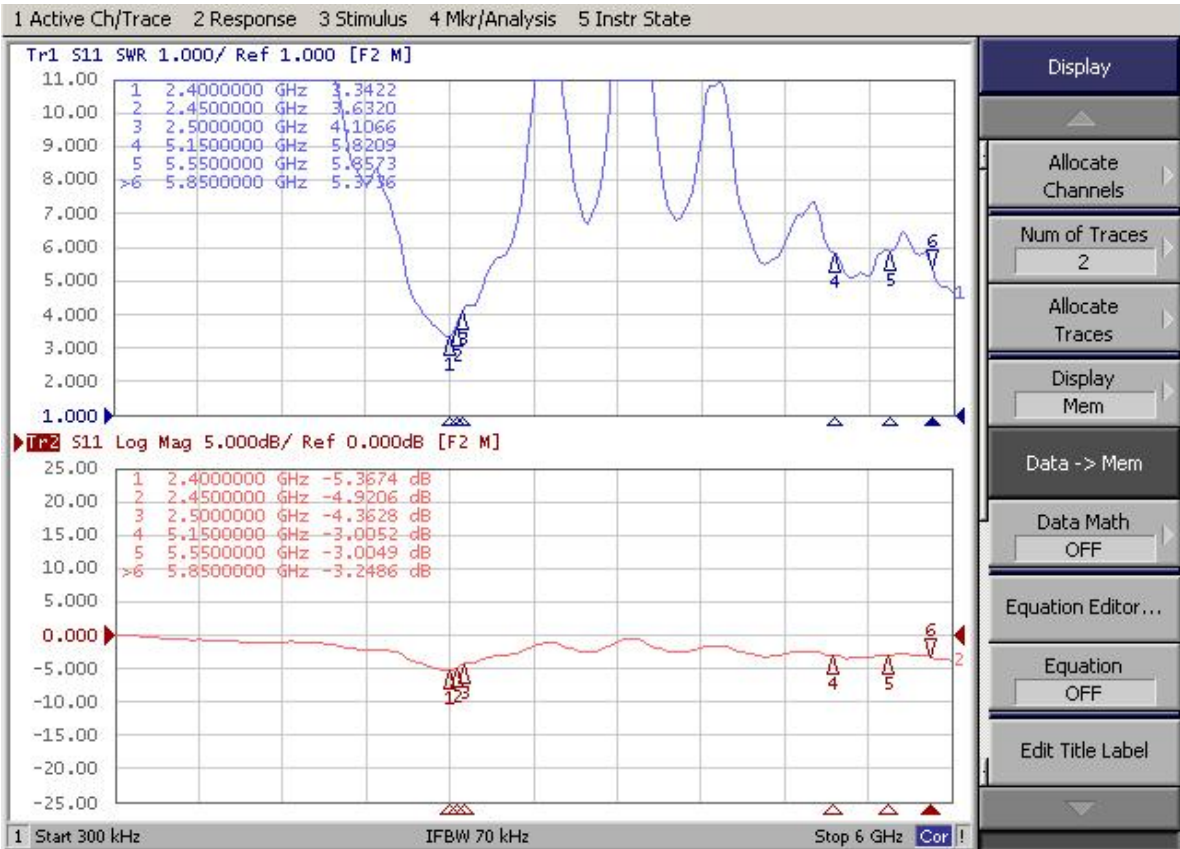
Testing 3D microwave darkroom(3m*3m*3m)



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

Antenna

S Parameter_Return Loss&VSWR-Smith



Efficiency and Gain

Dongguan UB Electronics Co., Ltd

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)	1.27	1.35	1.33	1.36	1.02	1.04	0.90	1.00	0.90	1.14	0.98
Efficiency (%)	32.15	32.45	32.34	33.62	31.47	31.39	29.98	29.91	28.83	29.65	29.09

