



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

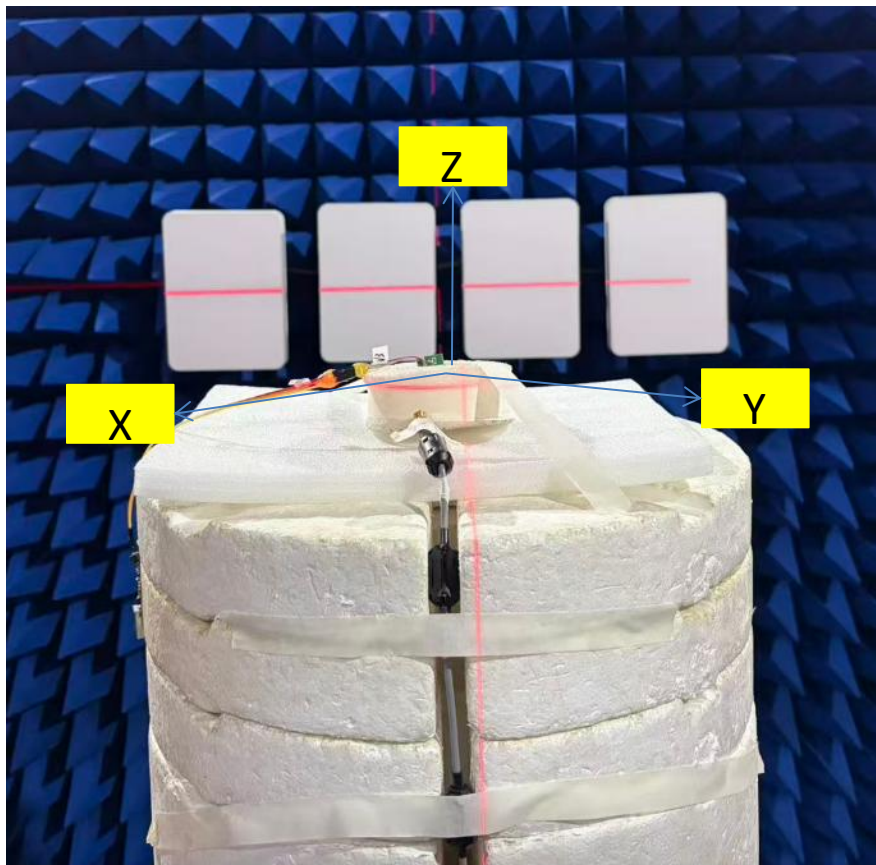
Antenna Study

- **Client Name: LZHOME INC**
- **Project Name: LED Garage Light**
- **Model: LM-W-5H-CKD**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2026.09.21**

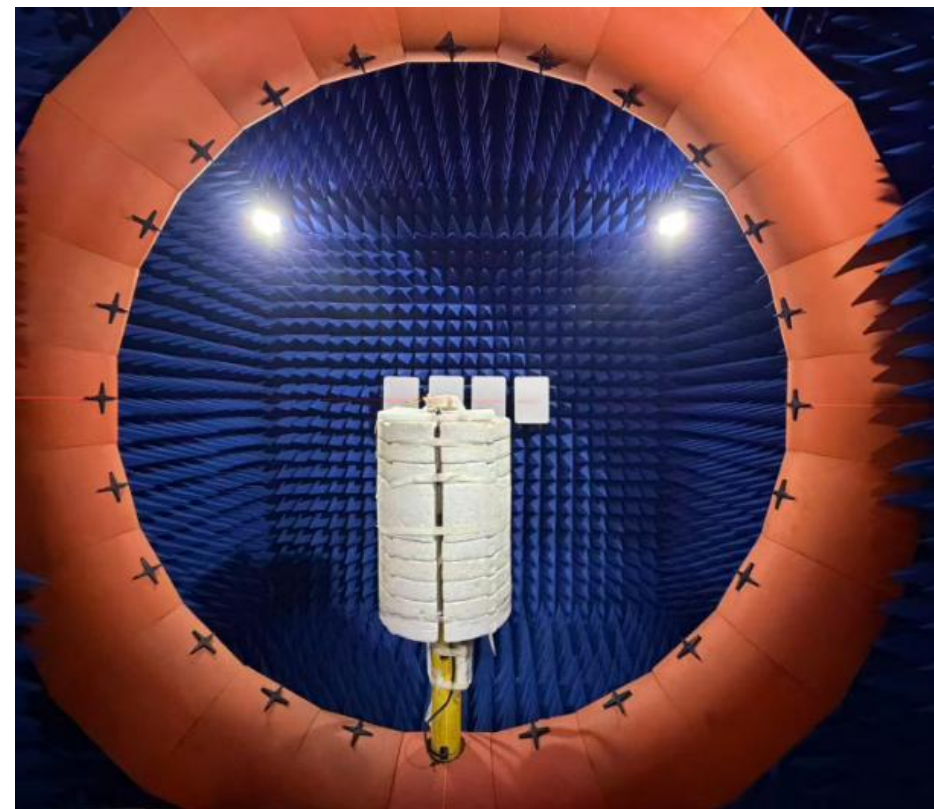
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Testing environment

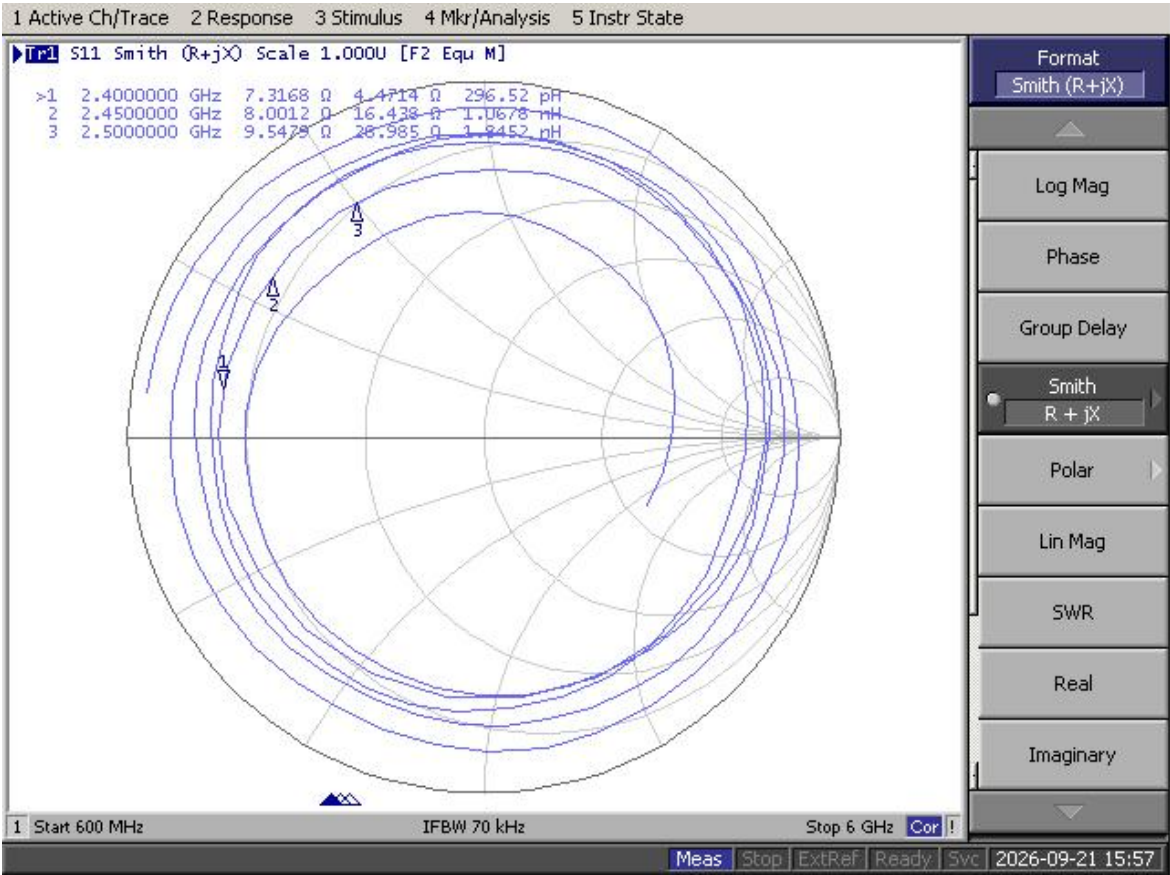


Testing 3D microwave darkroom(3m*3m*3m)



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

S Parameter_Return Loss&VSWR-Smith



Efficiency and Gain

序号	1	2	3	4	5	6	7	8	9	10	11
频率(MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
增益 (dBi)	-2.32	-3.30	-2.05	-3.42	-2.72	-3.47	-3.45	-3.26	-3.33	-2.29	-3.78
效率 (%)	18.37	15.55	21.77	15.83	19.21	16.57	16.64	17.03	16.92	22.99	16.47

