



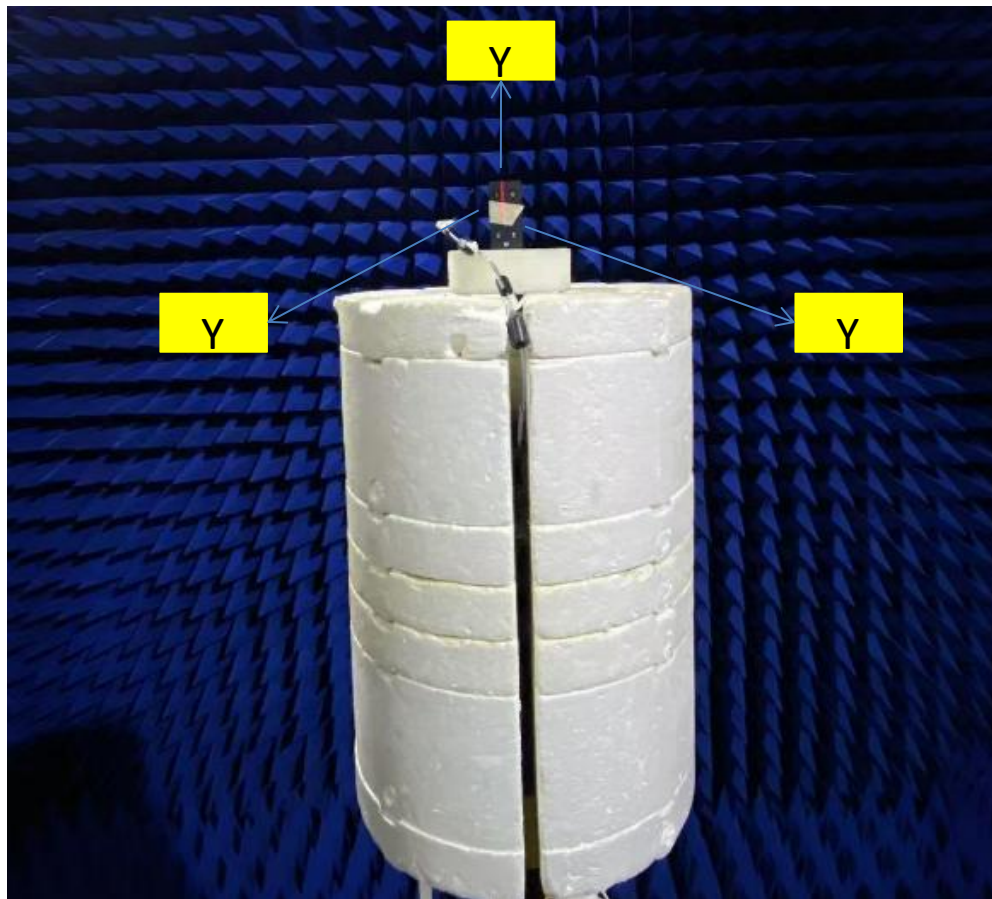
好天线 · 优比造

东莞市优比电子有限公司

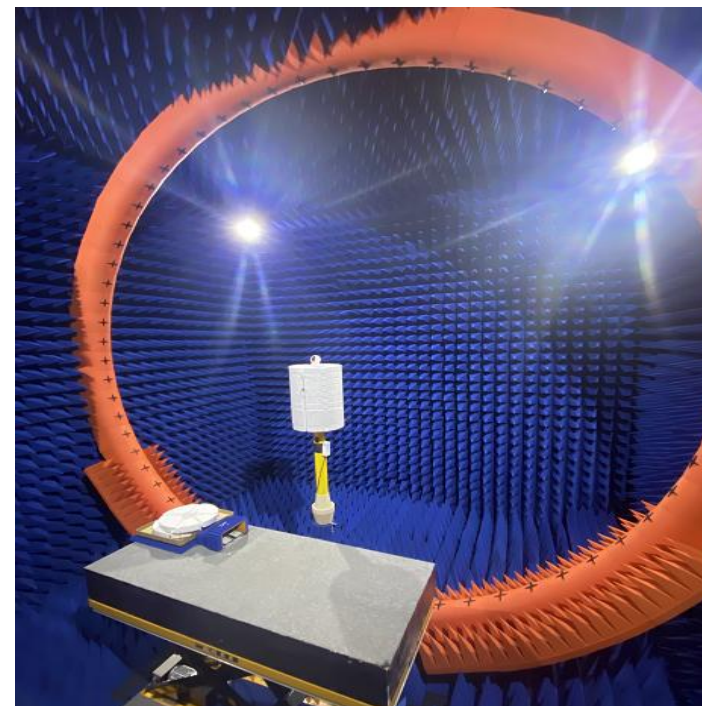
Dongguan UB Electronics Co., Ltd

Antenna Study

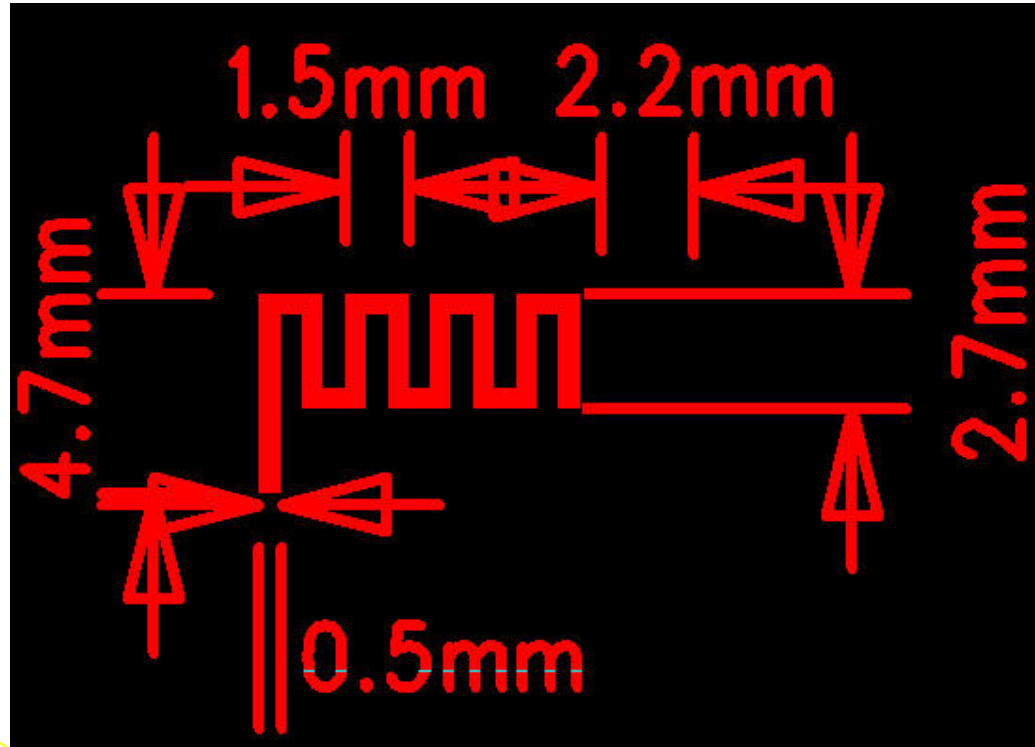
- **Client Name:** Shenzhenqichenlightingco.,LTD
- **Project Name:** 摇控器
- **Model:** he hai ping 13686295193
- **Debugging frequency band:** 2400-2500HMz
- **Valuation date:** 2025.01.15



Testing environment



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

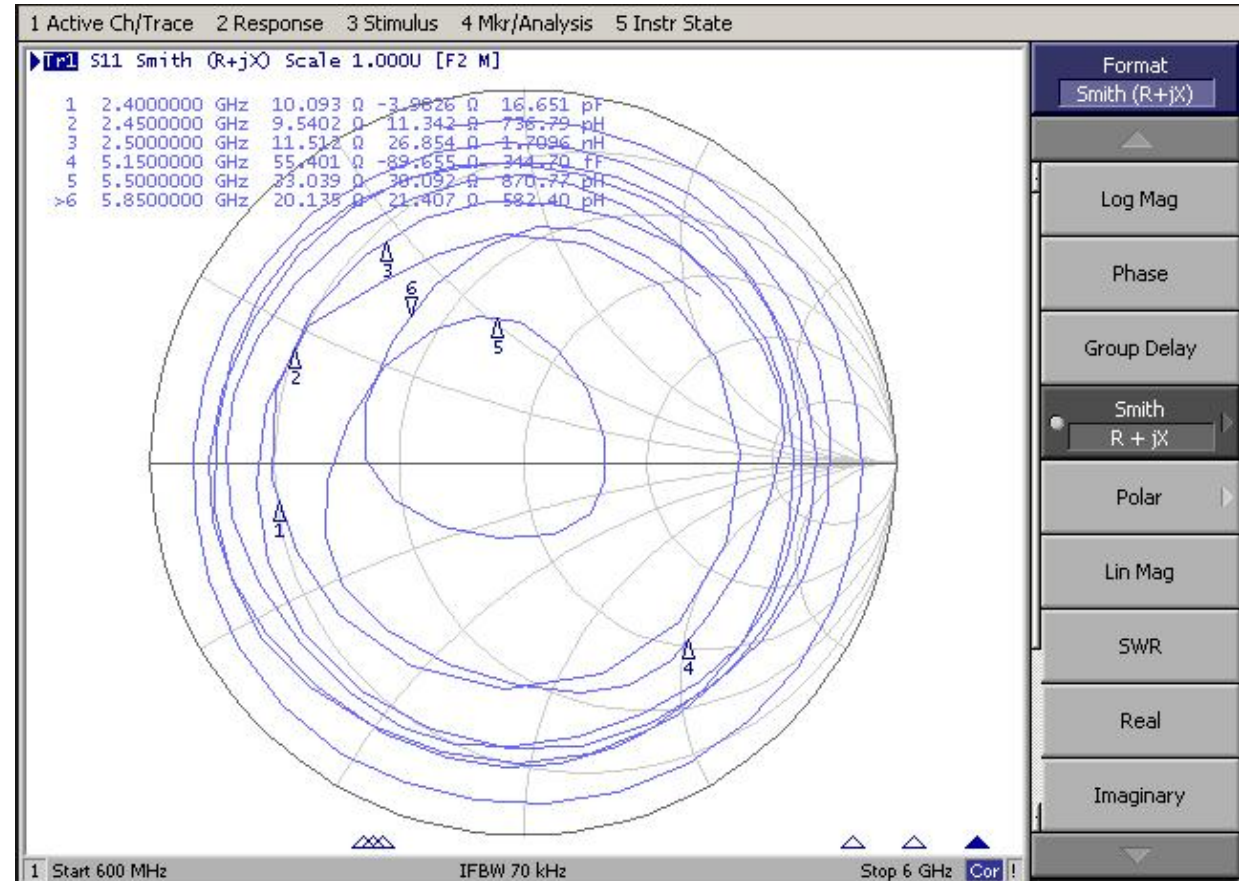


Antenna

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

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)	0.14	-0.54	-1.04	-0.80	-1.01	-1.54	-1.70	-1.79	-2.50	-2.35	-2.26
Efficiency (%)	22.08	21.42	21.04	20.81	19.75	18.34	18.33	18.18	17.57	18.41	17.78

