



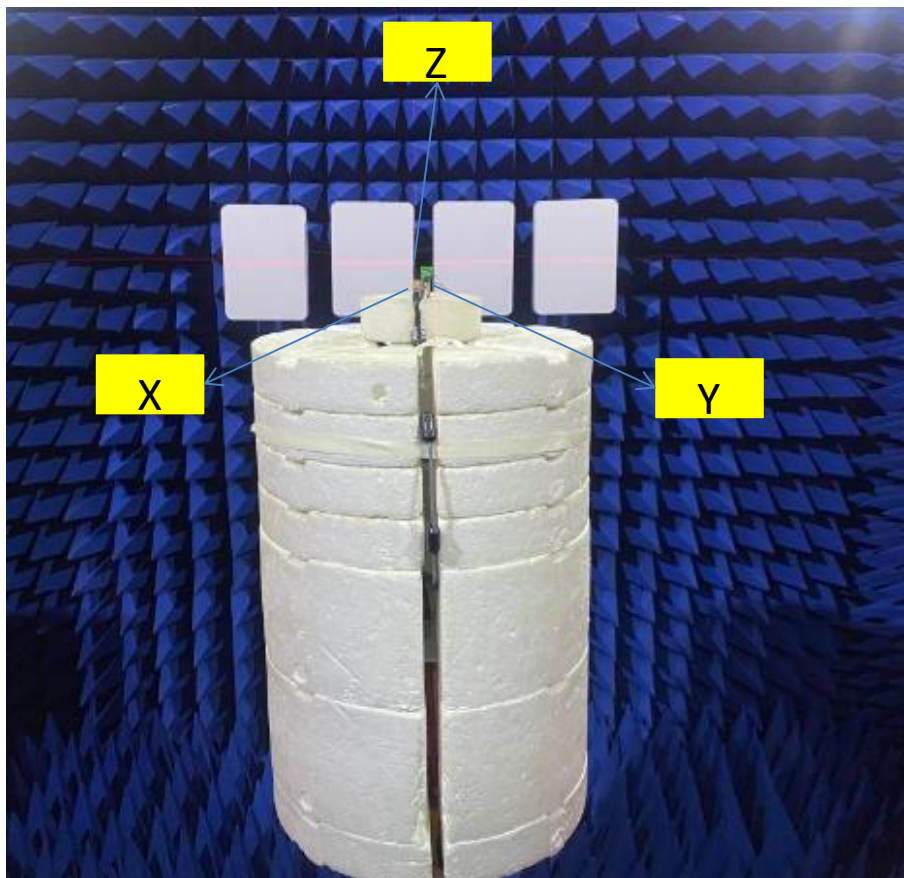
好天线 · 优比造

东莞市优比电子有限公司

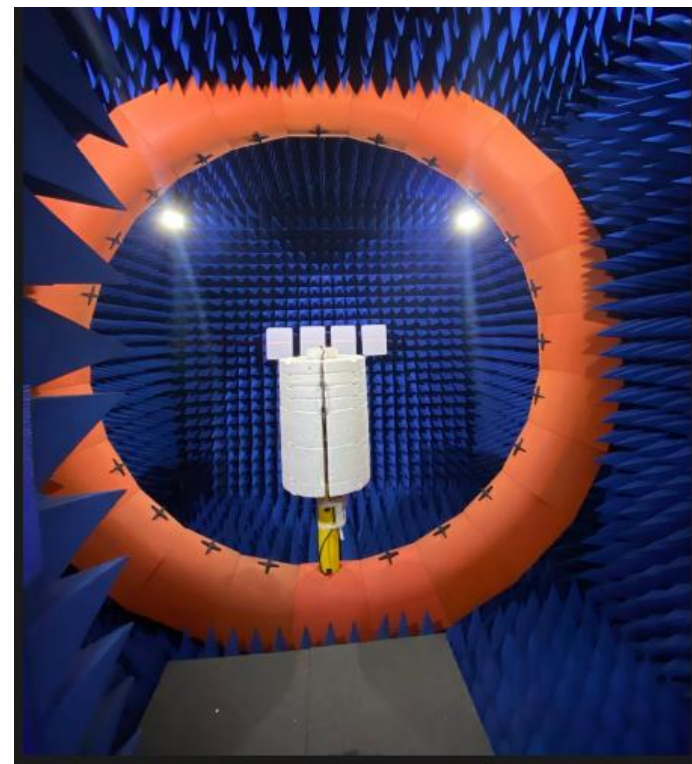
Dongguan UB Electronics Co., Ltd

Antenna Study

- **Client Name: AUTHOR-ALARM d.o.o**
- **Project Name: Anti-theft device**
- **Model: IGLA**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2024.12.20**
- **Linkman contacts: he hai ping 13686295193**



Testing environment



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

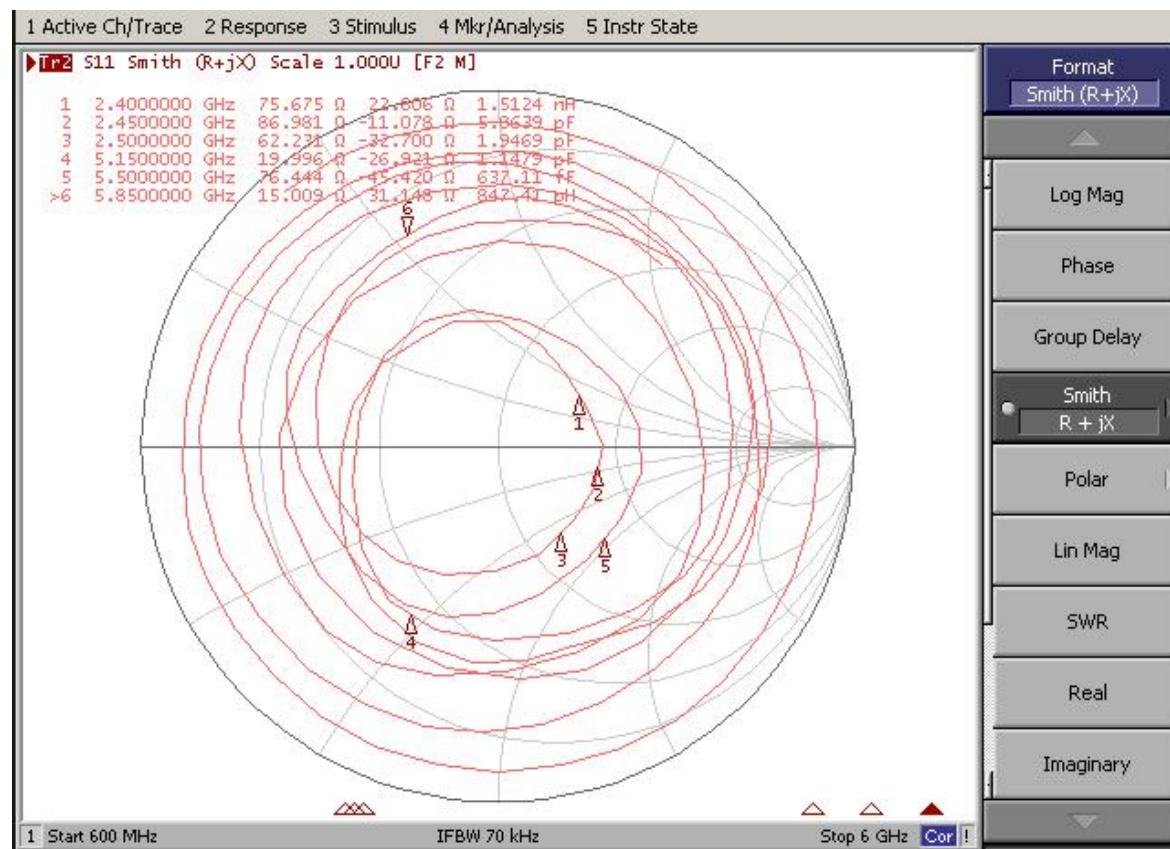
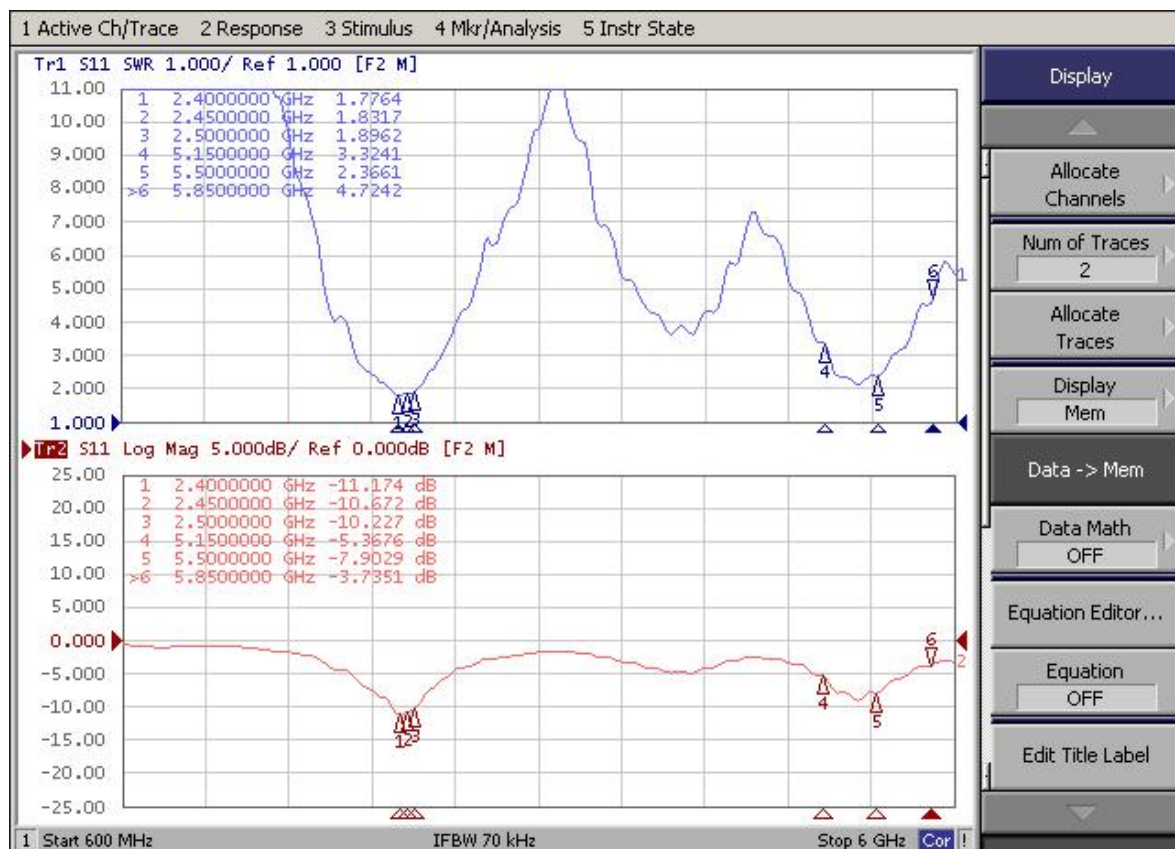
- Antenna name: 2.4G
- Covers : 2400/2500MHz



Antenna

S Parameter_Return Loss&VSWR-Smith

Dongguan UB Electronics Co., Ltd



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)	5.02	4.96	5.20	4.84	5.49	5.16	5.19	5.43	5.54	5.59	5.67
Efficiency (%)	55.18	52.73	54.72	49.93	52.96	49.81	48.19	47.33	48.95	47.45	47.81

