



好天线 · 优比造

东莞市优比电子有限公司

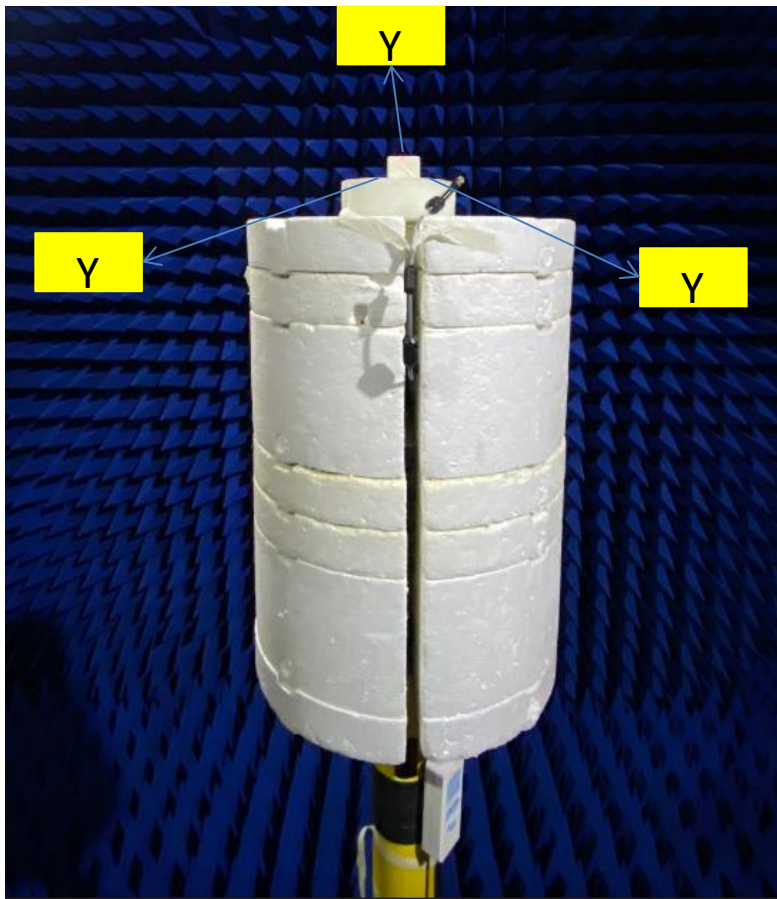
Manufacturer:

Dongguan UB Electronics Co., Ltd

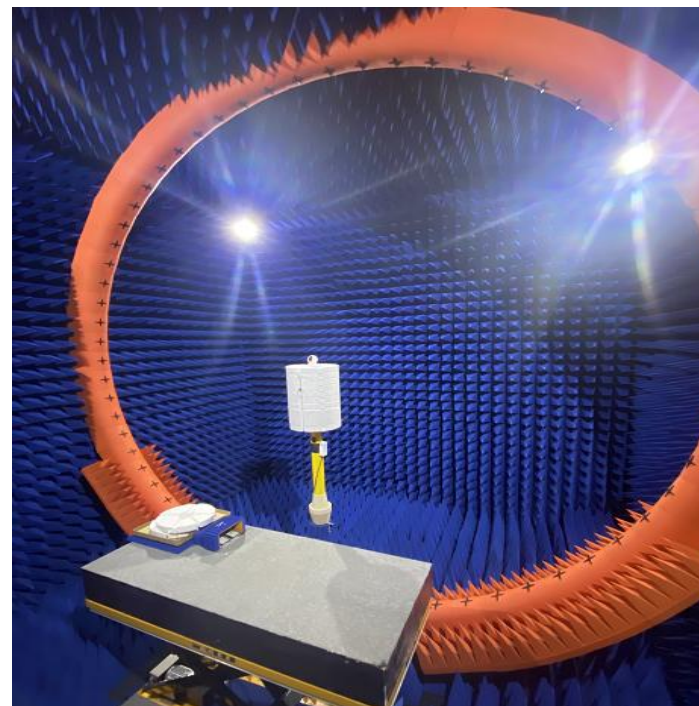
Address: Room 101, Building 2, No. 9 Xinfu Road, Lincun, Tangxia Town,
Dongguan City, Guangdong Province

Antenna Study

- **Client Name: Thesis Ltd.**
- **Project Name: 电子设备**
- **Model: GW_1.1.3**
- **Debugging frequency band: 2400-2500MHz**
- **Valuation date: 2025.02.14**



Testing environment



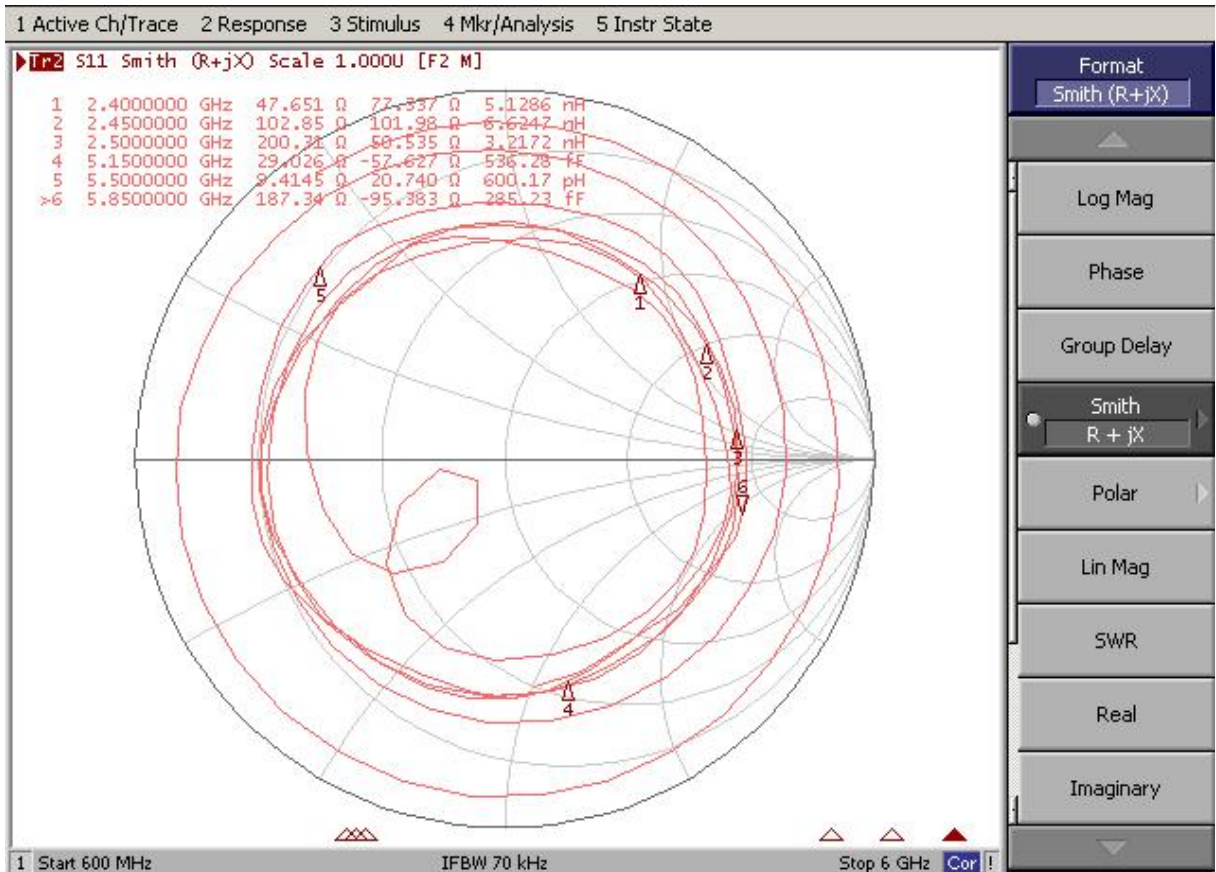
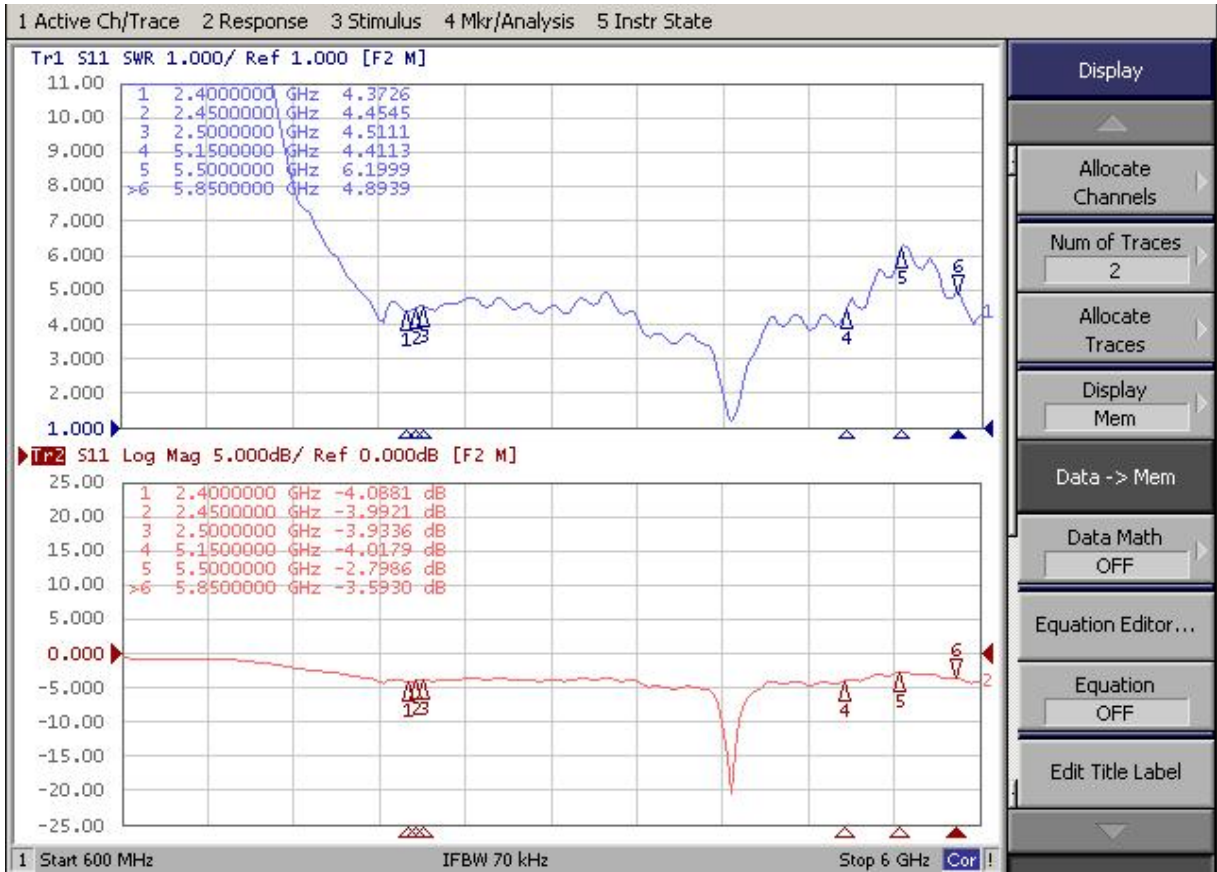
Testing 3D microwave darkroom(6m*6m*6m)

- Antenna name: 2.4G
- 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)	-1.95	-2.01	-2.41	-2.34	-2.28	-1.74	-1.55	-1.27	-1.14	-1.52	-1.51
Efficiency (%)	28.14	27.28	24.88	23.71	24.42	26.85	28.20	29.61	30.17	28.42	29.83

