



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: 泉州市君为汽车用品有限公司**
- **Project Name: 天线**
- **Model: X**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.04.11**

地址: 东莞市塘厦镇林村社区新太阳工业城79栋 (东莞公司) 电话: 0769-81777126

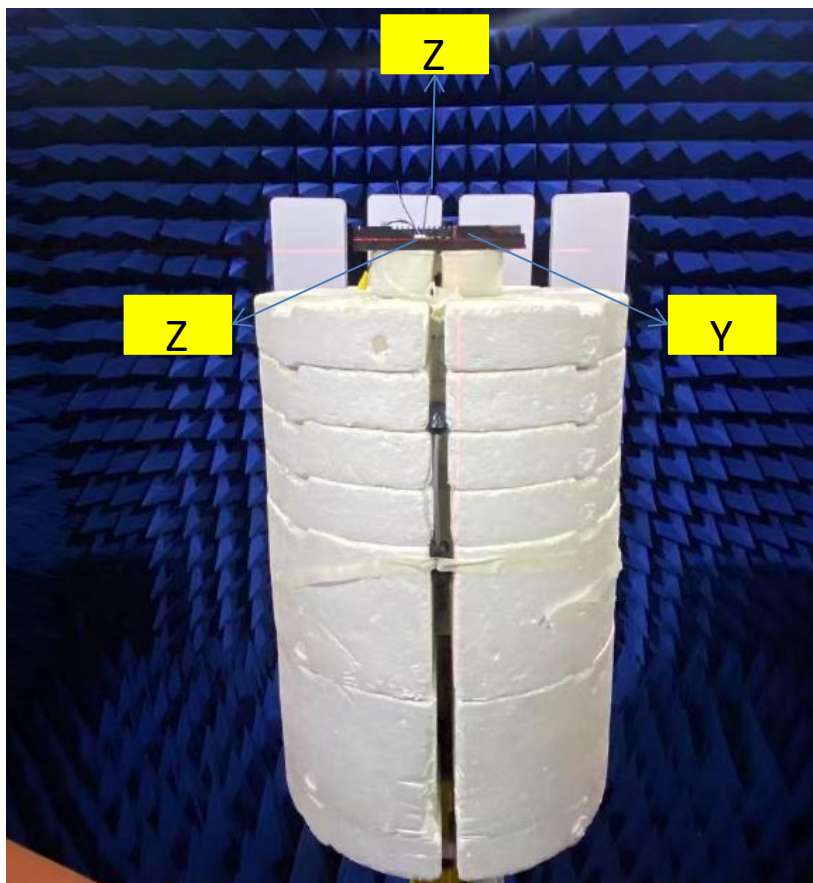
Address: Building 79, New Sun Industrial City, Lincun Community, Tangxia Town, Dongguan City (Dongguan Company)

杭州市滨江区秋溢路500号乐通科技园3栋106室 (杭州分公司) 传真: 0769-81777125

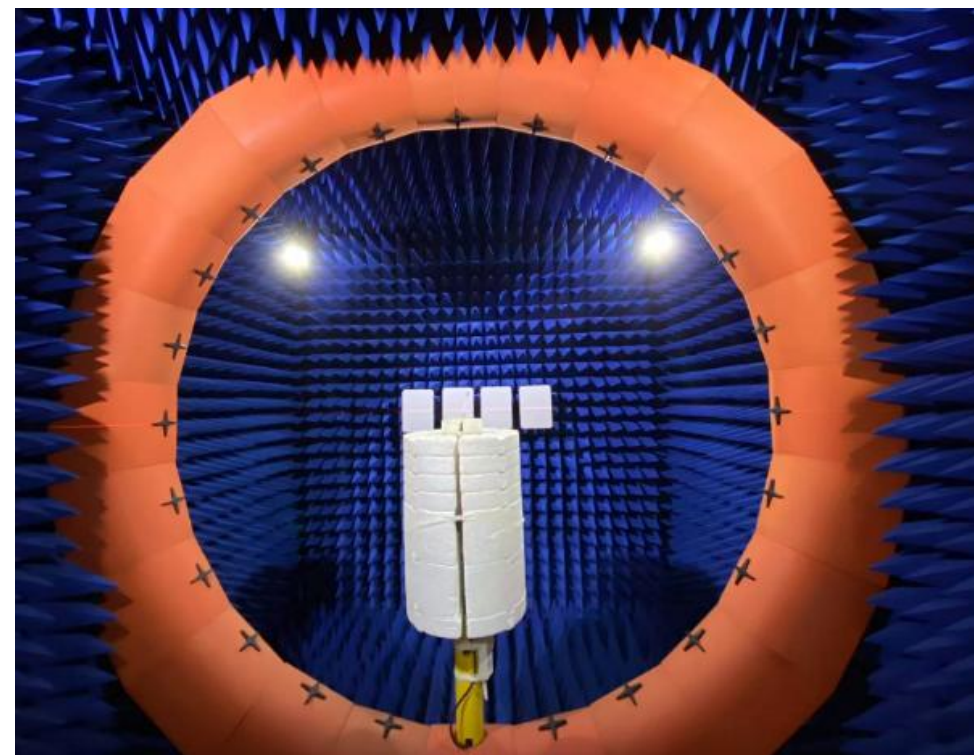
Room 106, Building 3, Letong Technology Park, No. 500, Qiuyi Road, Binjiang District, Hangzhou (Hangzhou Branch)

深圳市宝安区留仙二路47号新政工业园106室 (深圳公司) 网址: www.ubuant.com

Room 106, Xinzheng Industrial Park, No. 47, Liuxian 2nd Road, Bao'an District, Shenzhen (Shenzhen Company) Website: www.ubuant.com



Testing environment



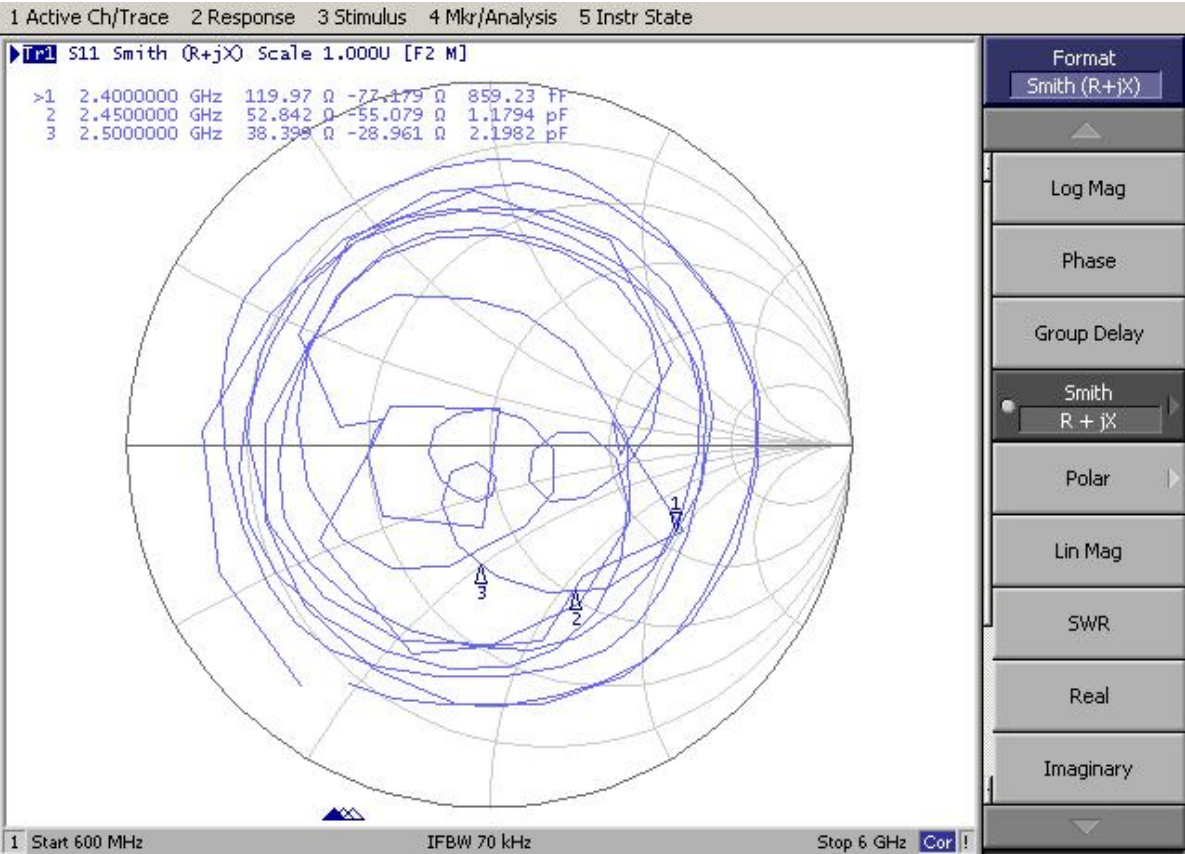
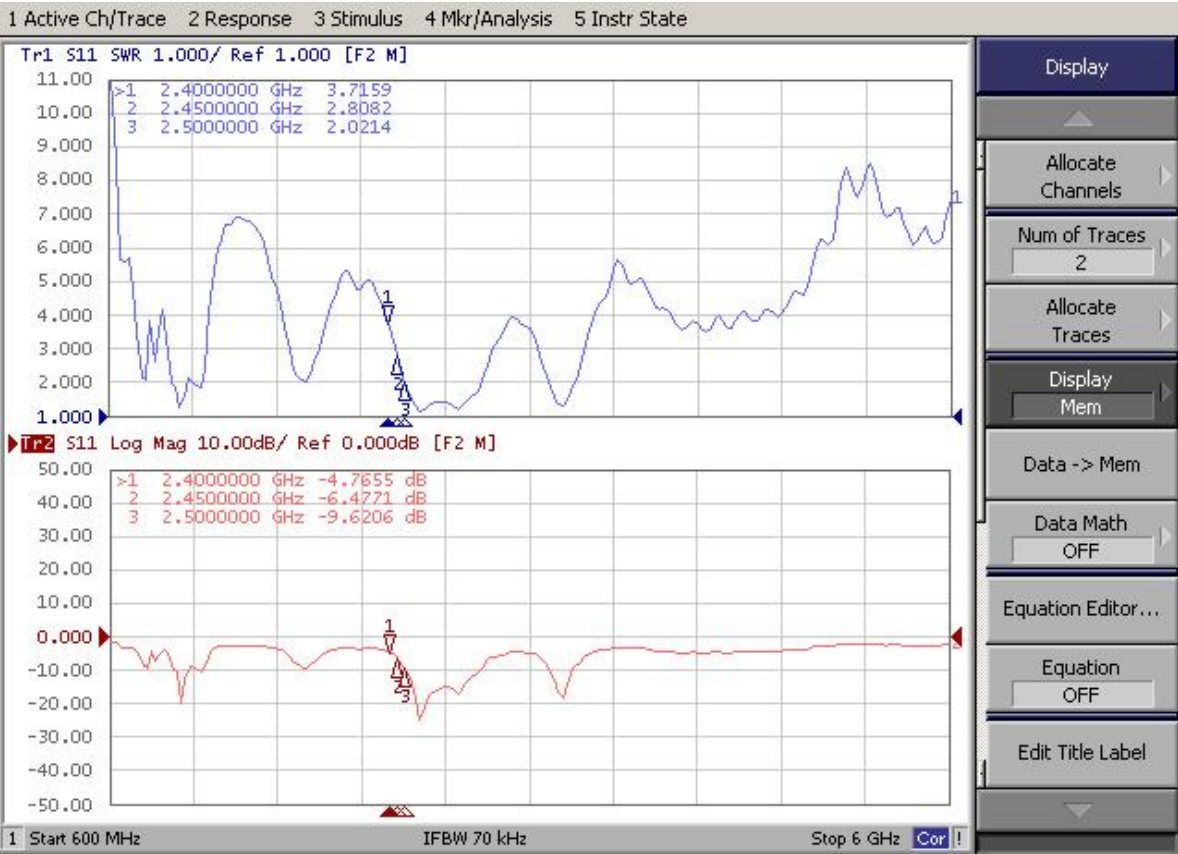
Testing 3D microwave darkroom(6m*6m*6m)



- 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)	-4.50	-4.47	-4.49	-4.65	-4.46	-3.93	-3.86	-3.68	-3.83	-4.07	-3.72
Efficiency (%)	12.05	11.70	11.39	11.42	12.45	14.11	14.53	14.81	14.69	13.63	13.86

