



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

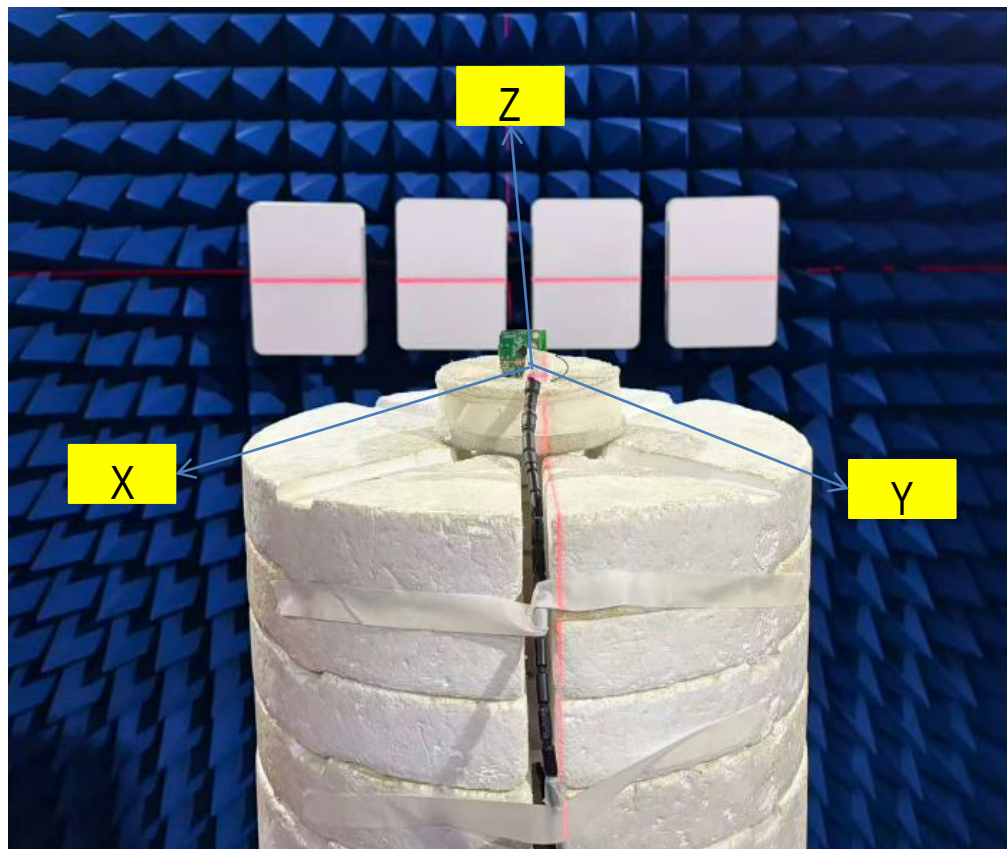
Antenna Study

- **Client Name: Zhongshan Polono Electronic Technology Co., Ltd.**
- **Project Name : Passive antenna**
- **Model : /**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2026.04.07**

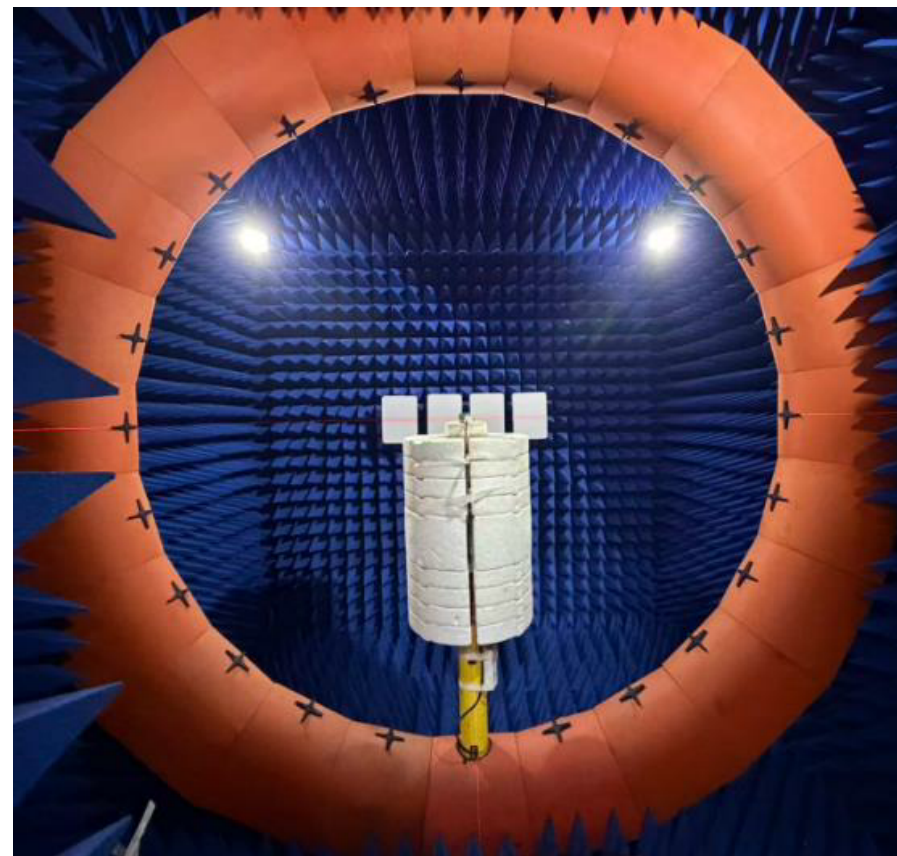
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Testing environment



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

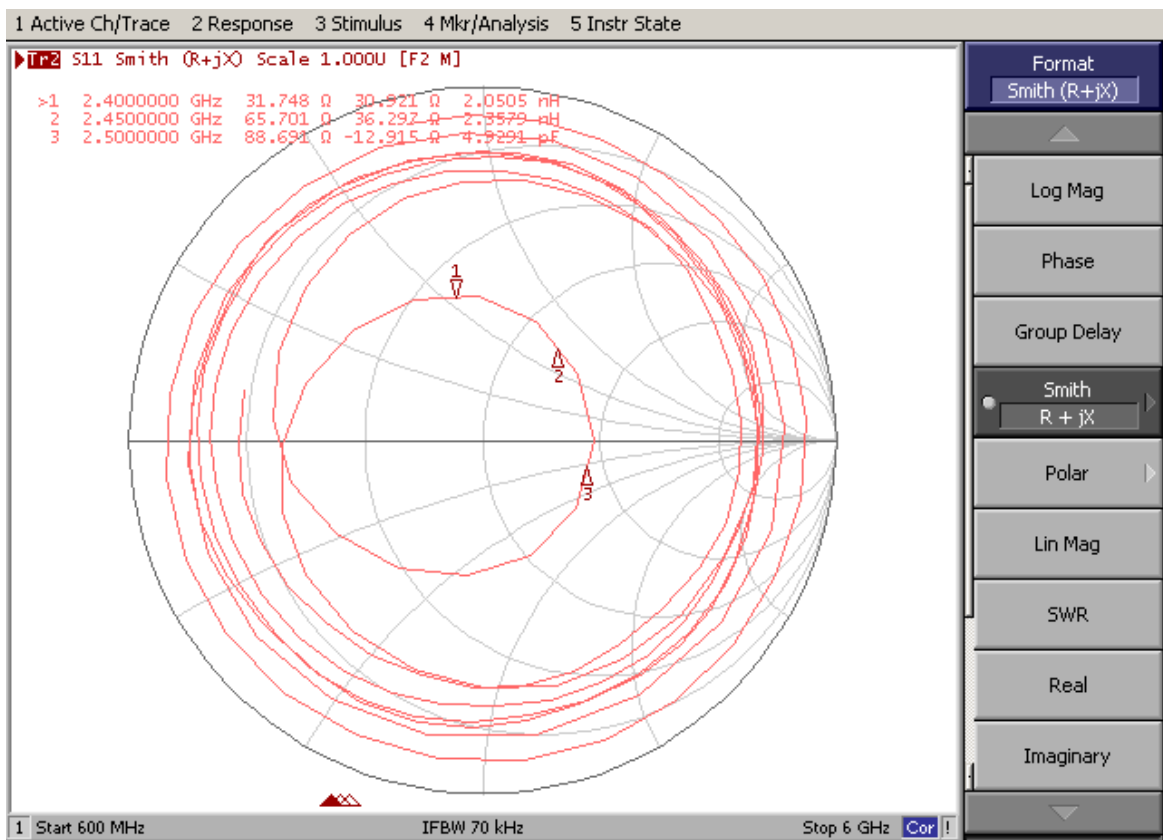
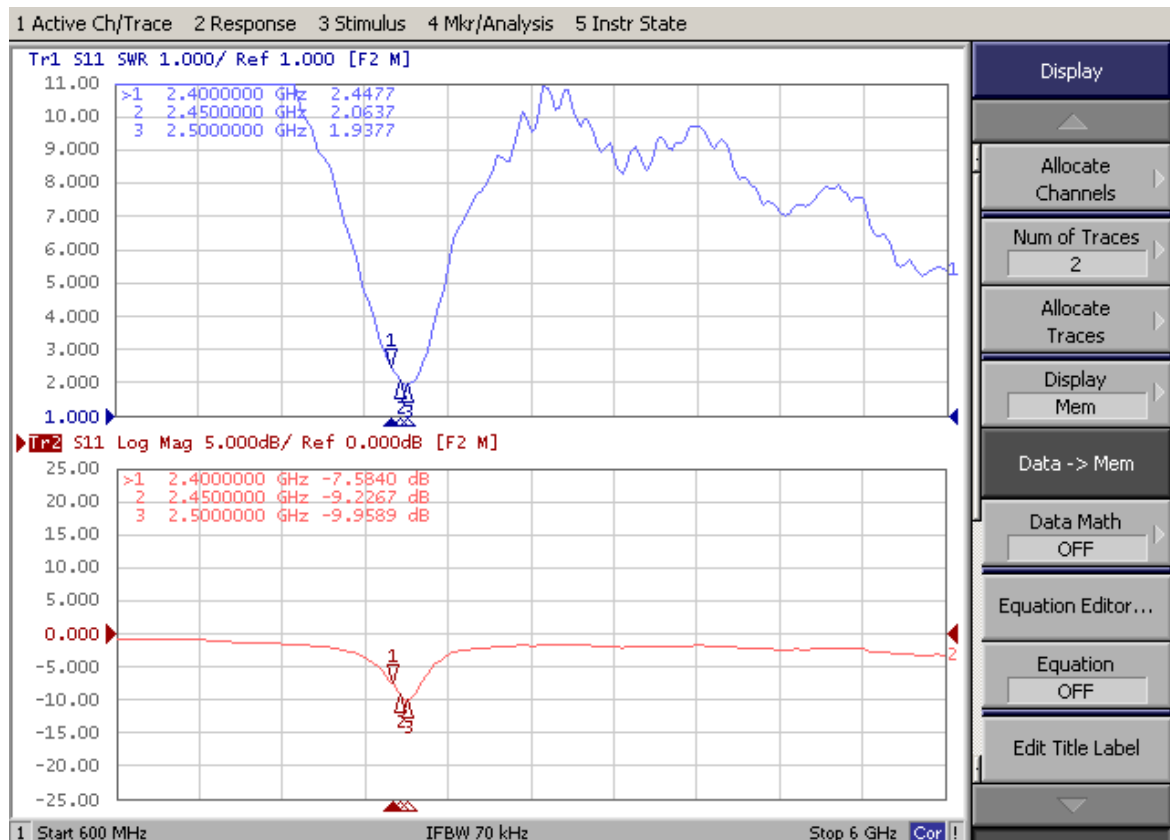


Antenna

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

S Parameter_Return Loss&VSWR-Smith

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Efficiency and Gain

Serial number	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)	-0.96	-0.93	-1.39	-0.66	-1.73	-0.95	-1.72	-1.15	-1.86	-0.54	-0.73
Efficiency (%)	37.43	36.86	33.88	41.95	33.17	39.60	32.09	35.90	30.27	40.00	38.17

