



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

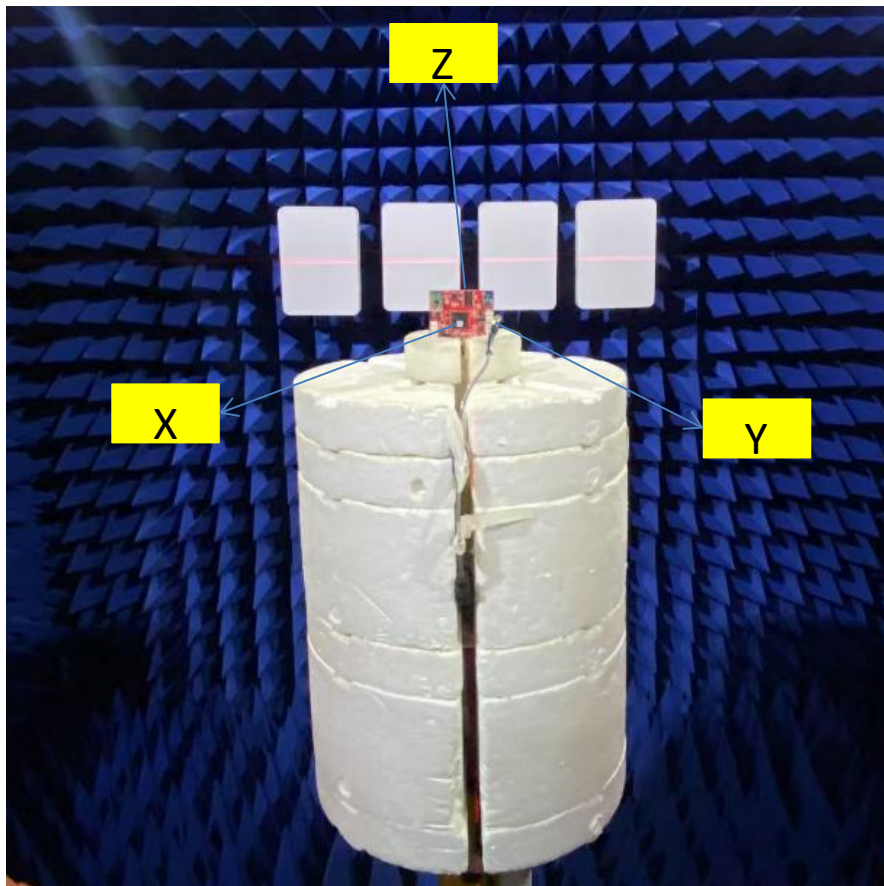
Antenna Study

- **Client Name: Leju(Shenzhen)Robotics Co,Ltd.**
- **Project Name: AELOS LITE**
- **Project Name: ALS-EL-C1.C**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.05.16**

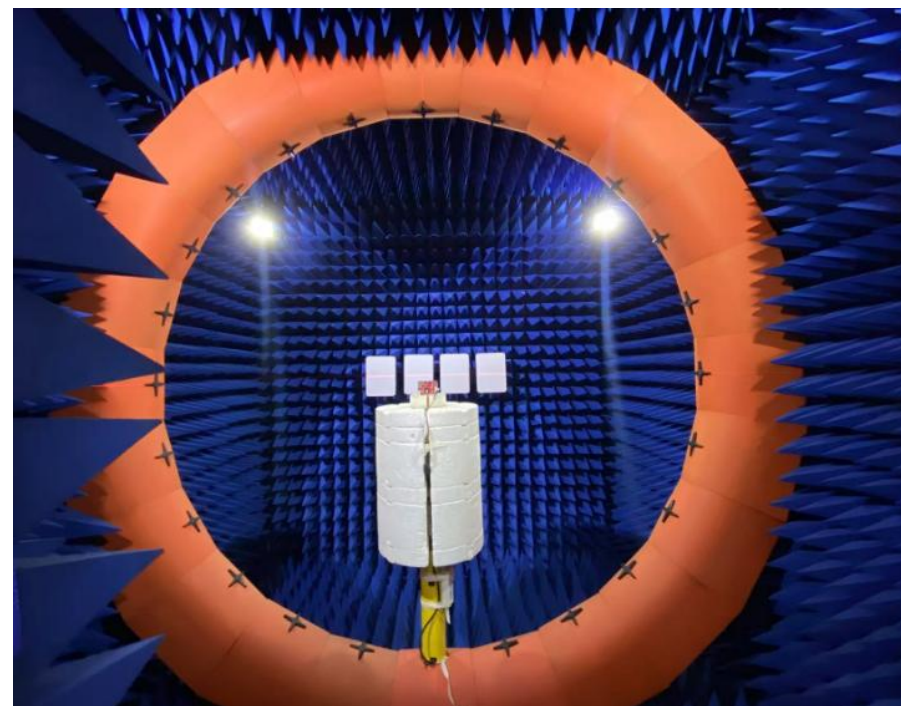
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Room 106, Building 3, Lenton Technology Park, No. 500 Qiuyi Road, Binjiang District, Hangzhou (Hangzhou Branch) Fax: 0769-81777125

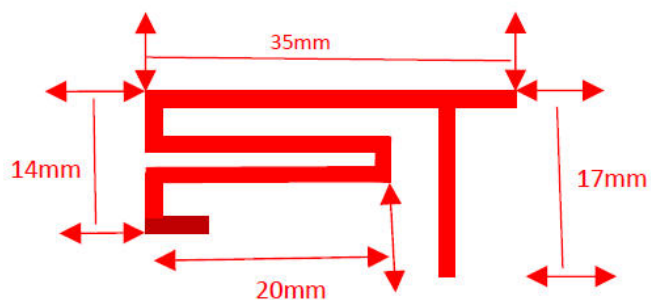
Room 106, Liuxian Second Road No. 47, LiuXian New Industrial Park, Bao'an District, Shenzhen (Shenzhen Company) Website: www.ubuant.com



Testing environment



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

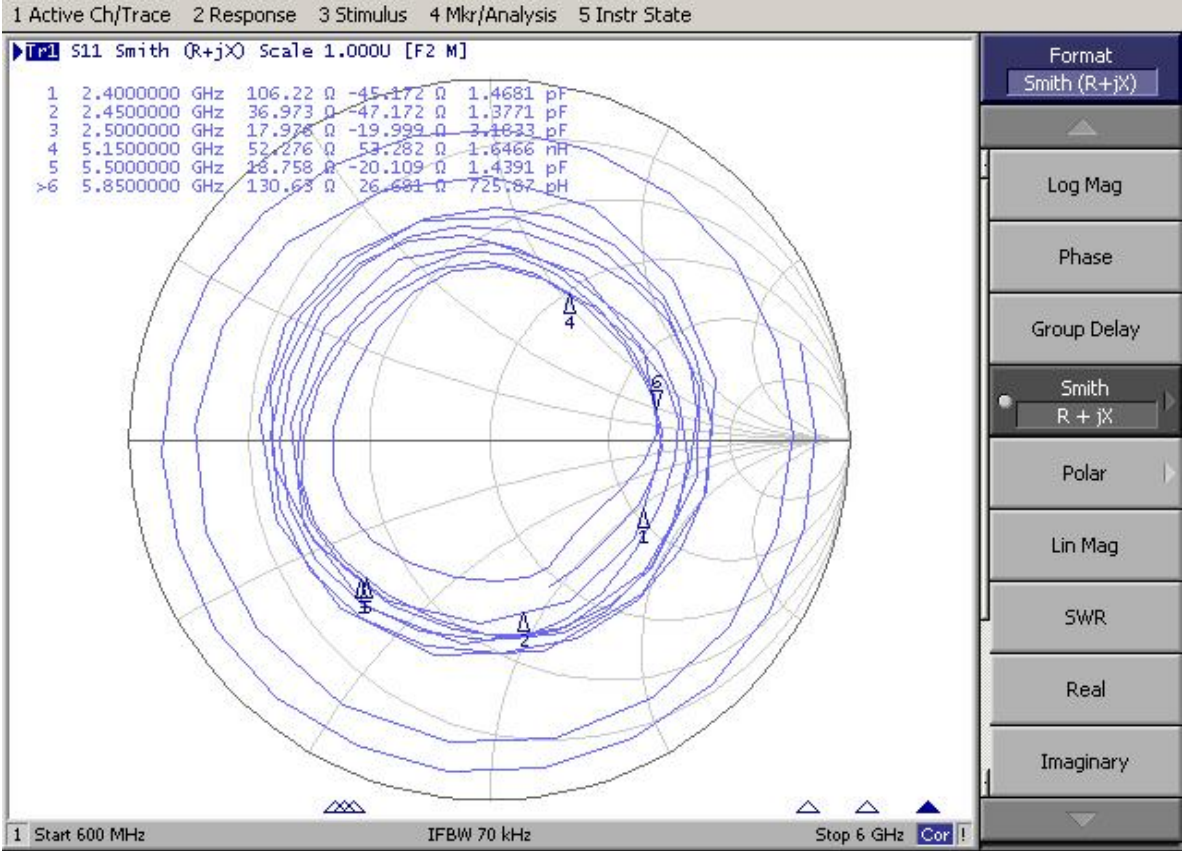
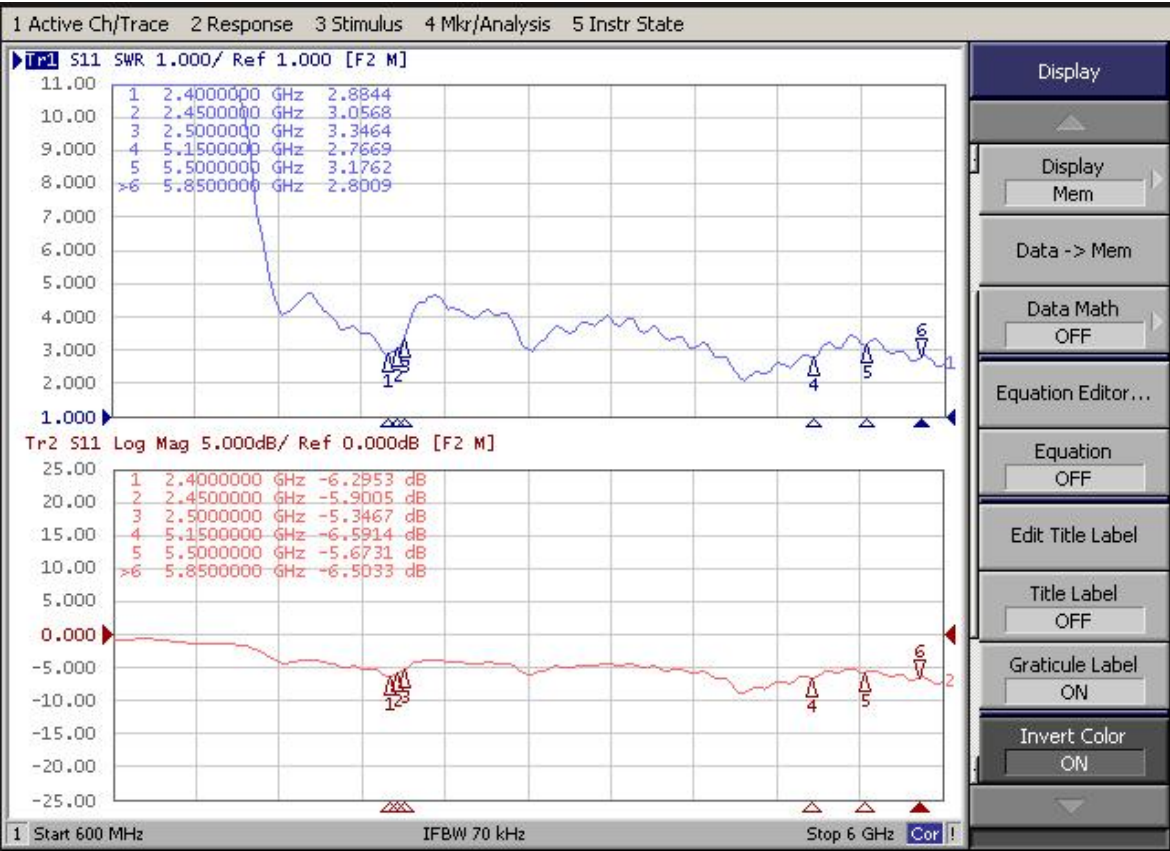


- Antenna name: 2.4G
- Covers : 2400/2500MHz

Antenna

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)	-5.64	-6.04	-5.93	-6.28	-6.10	-6.60	-6.67	-7.23	-7.23	-7.67	-8.03
Efficiency (%)	8.50	7.98	8.22	7.23	7.30	6.37	6.17	5.43	5.25	4.75	4.32

