



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

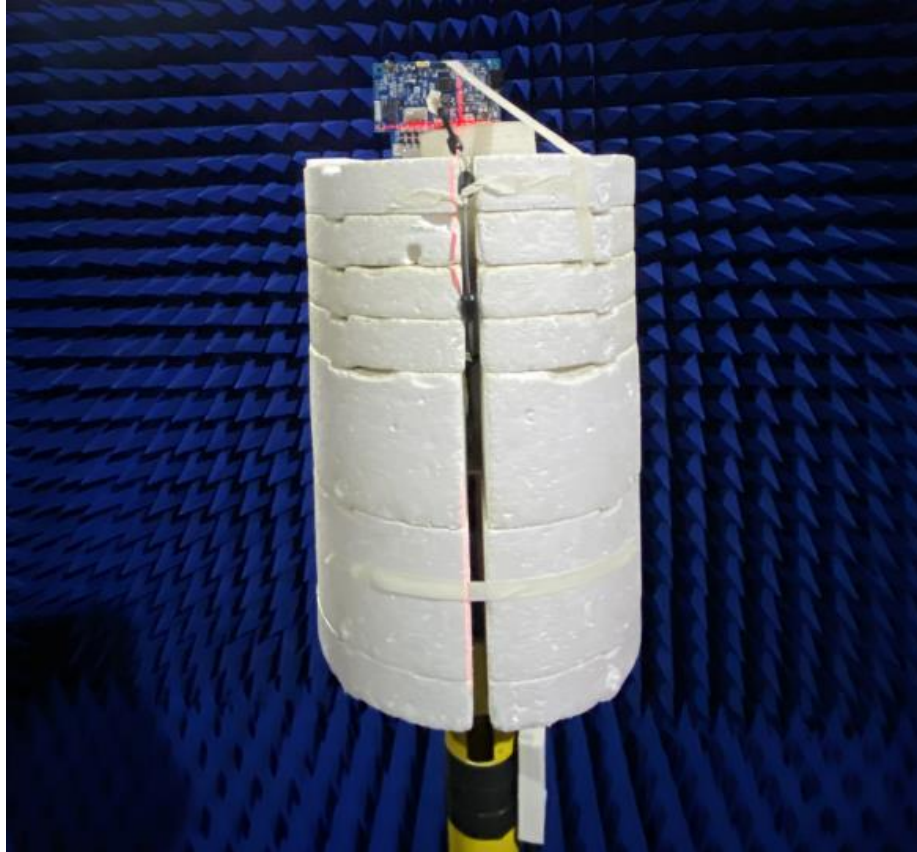
Room 101, Building 2, No. 9 Xinfu Road, Lincun, Tangxia Town, Dongguan, Guangdong, China

Antenna Study

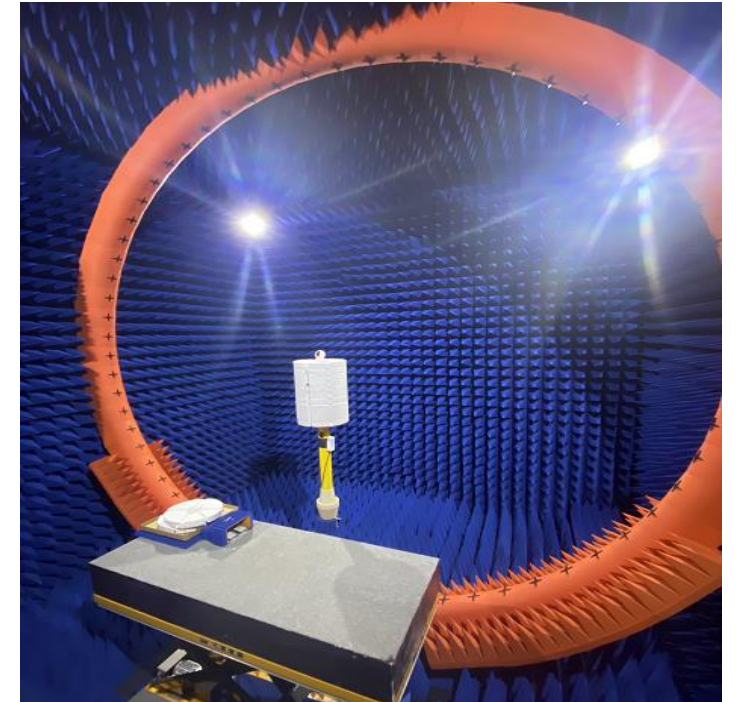
- Client Name: 立讯检测
- Project Name: EUREKA
- Debugging frequency band: 2400-2500MHz
- Valuation date: 2024.10.22
- Linkman contacts: he hai ping 13686295193

Internal Antenna

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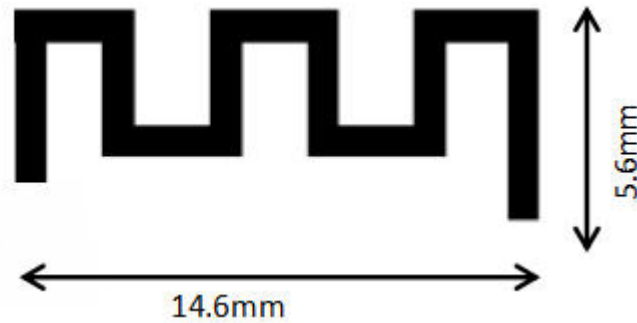
Testing environment



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

Antenna Picture and Antenna Dimensions

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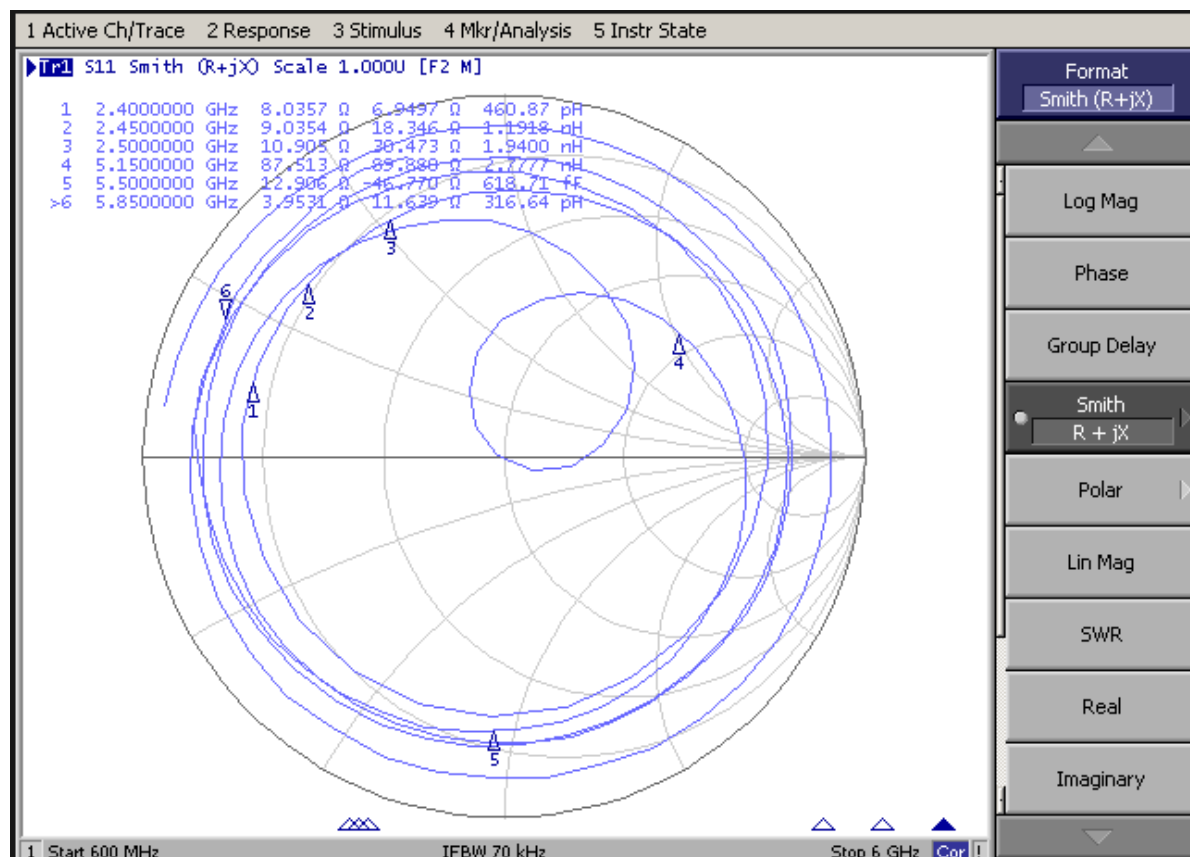
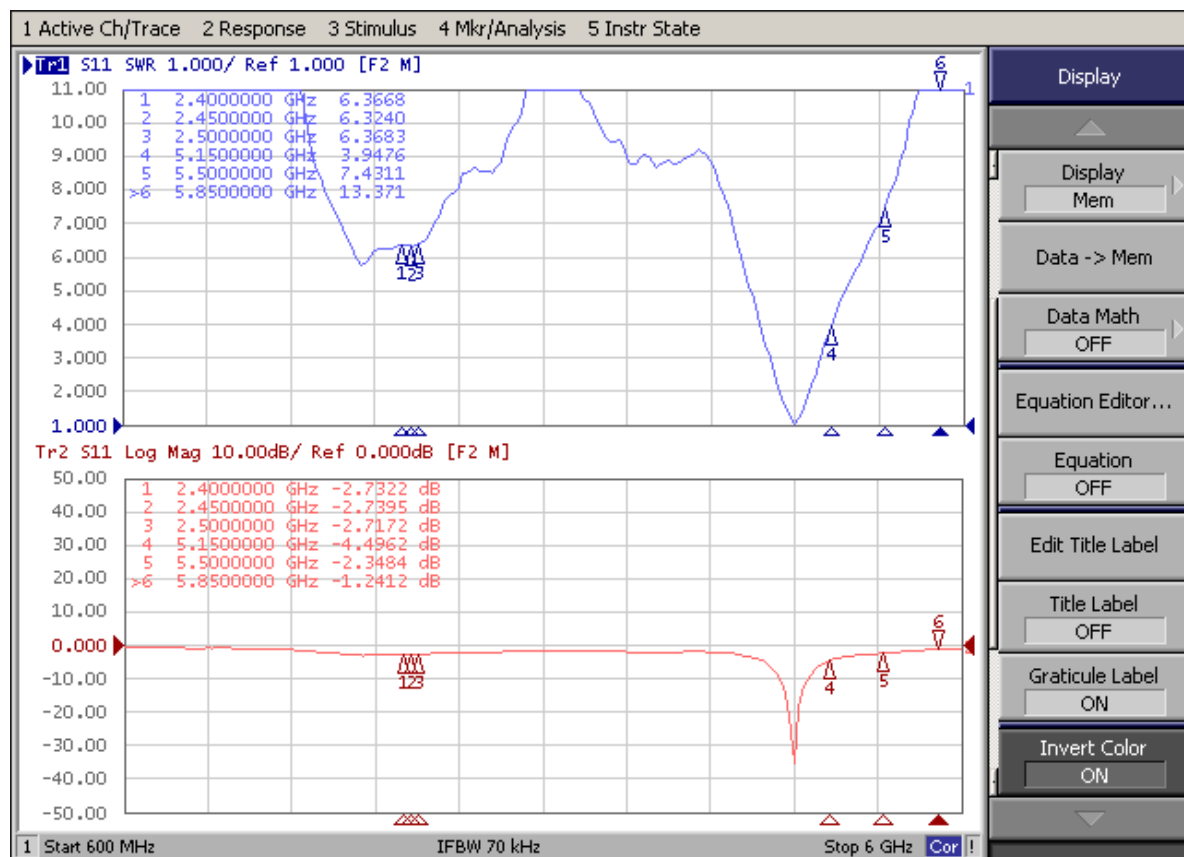


Antenna

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

S Parameter_Return Loss&VSWR-Smith

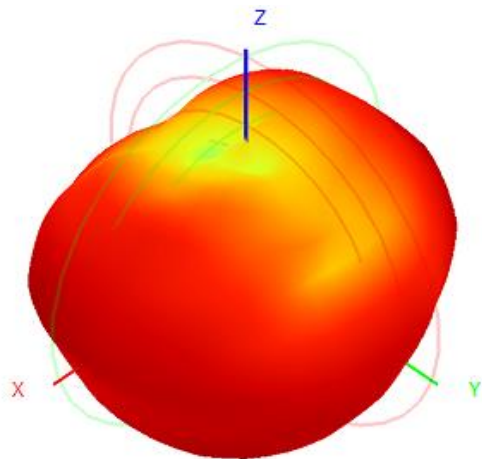
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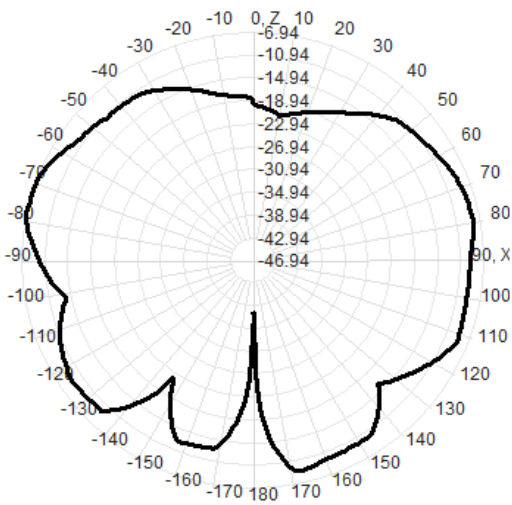
Efficiency and Gain

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)	-6.73	-7.03	-6.86	-6.99	-6.89	-6.70	-6.68	-6.49	-6.72	-6.42	-6.43
Efficiency (%)	8.71	8.61	8.62	8.39	8.43	8.58	8.78	8.82	8.64	8.93	8.97

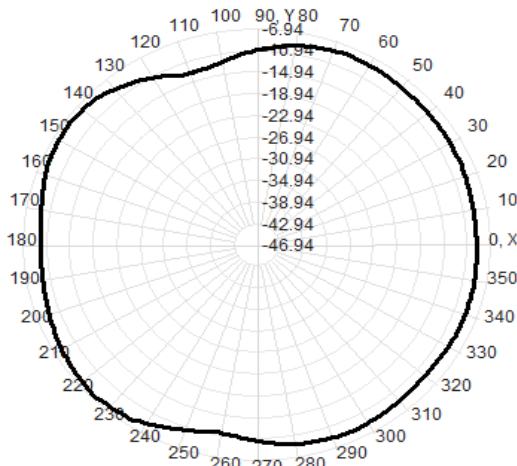
2D/3D方向图



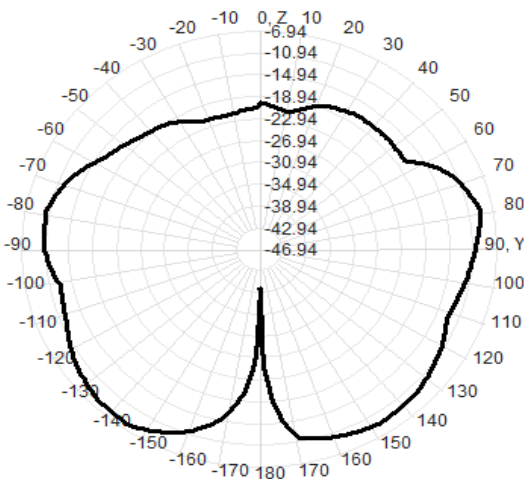
远场方向图



E1-XZ



H-XY



E2-YZ