



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

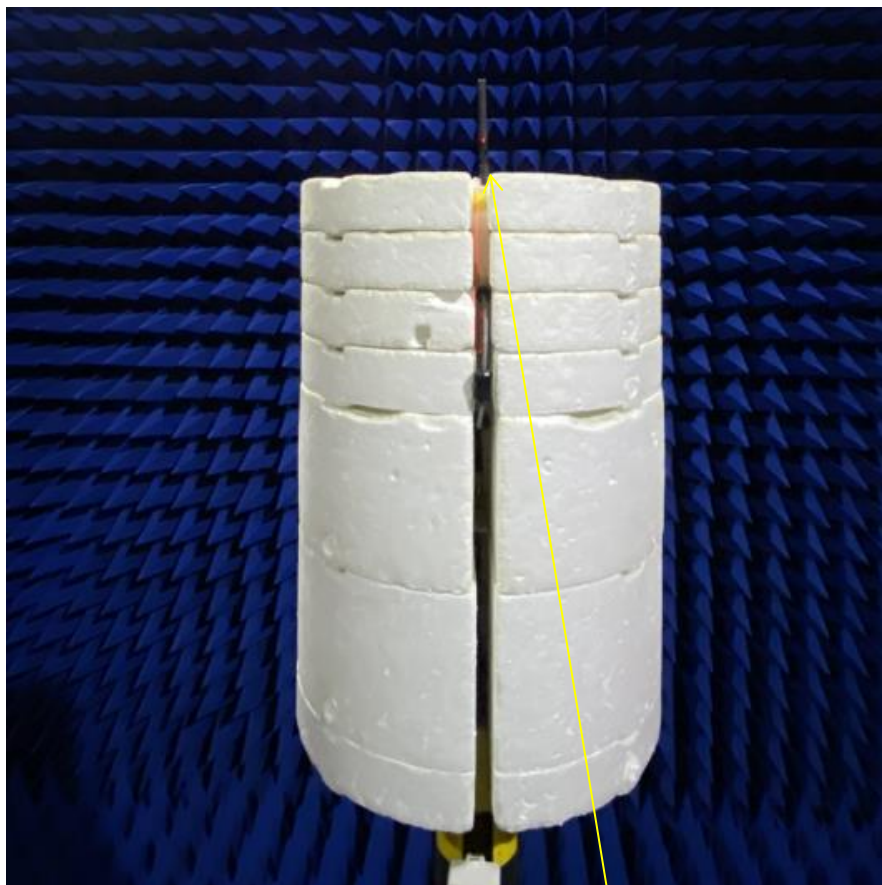
Room 101, Building 2, No. 9 Xinfu Road, Lincun, Tangxia Town, Dongguan City, Guangdong, China

Antenna Study

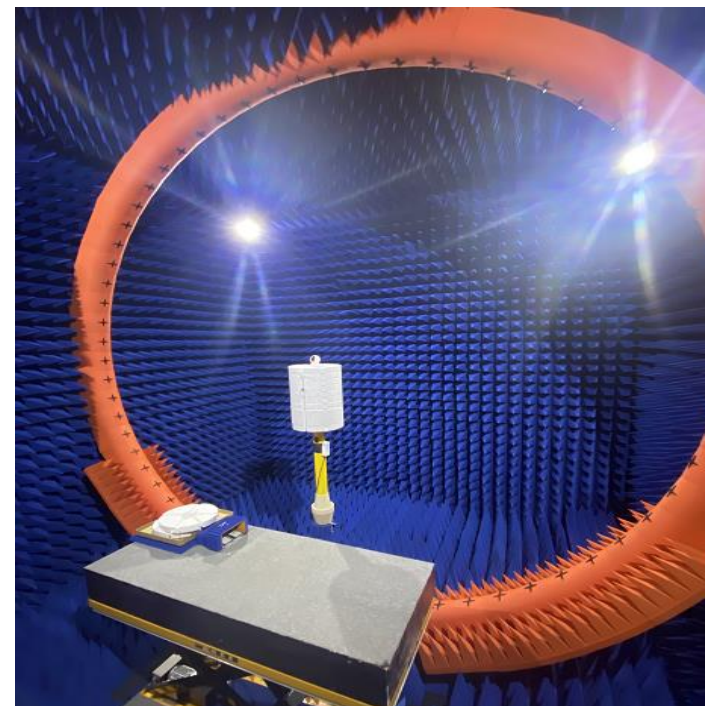
- Client Name:立讯检测
- Project Name: 1-#-A240729122-2.4G
- Debugging frequency band: 2400-2500HMz
- Valuation date: 2024.08.08
- Linkman contacts: he hai ping 13686295193

Internal Antenna

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Testing environment

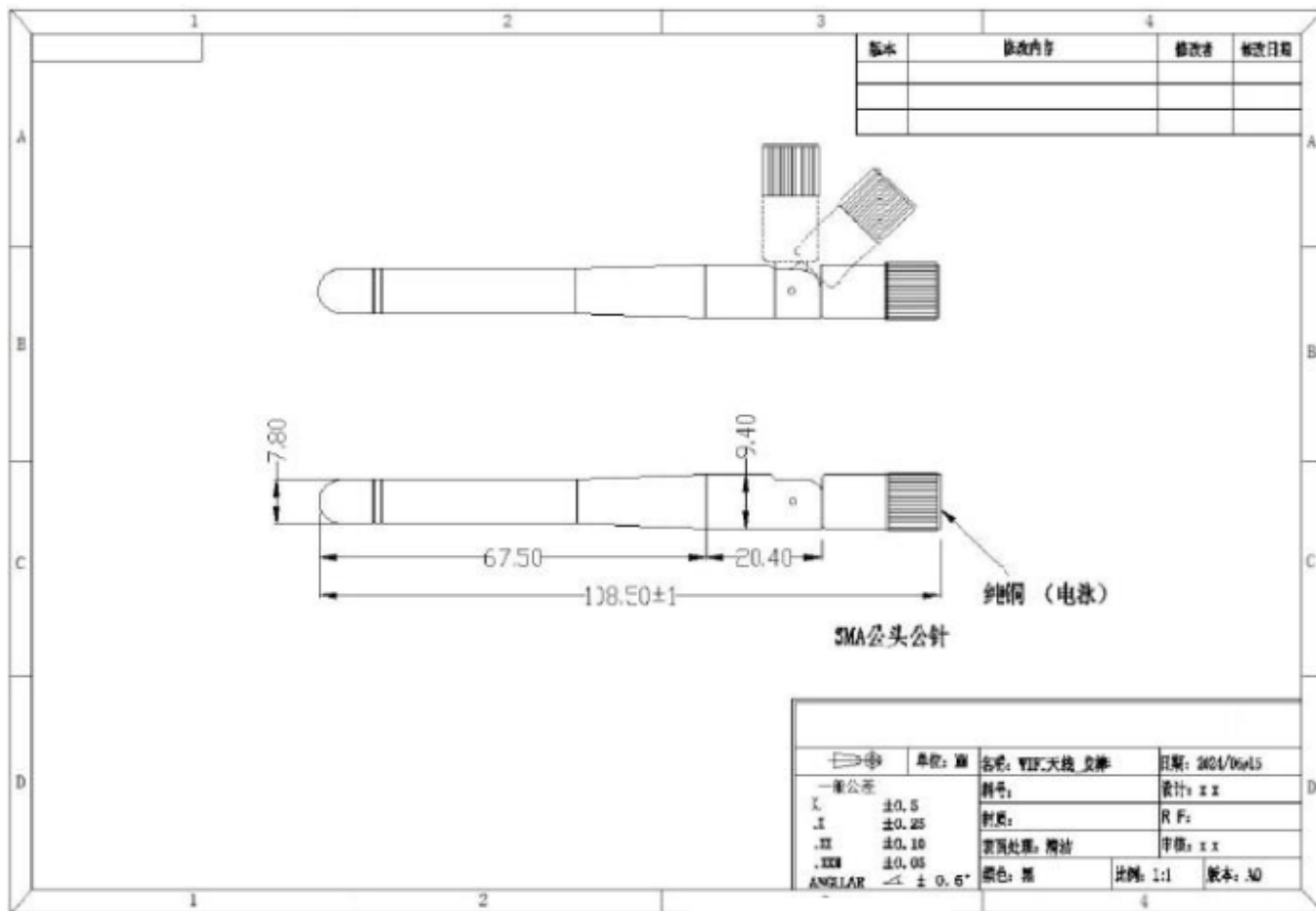


Testing 3D microwave darkroom(6m*6m*6m)

External Antenna

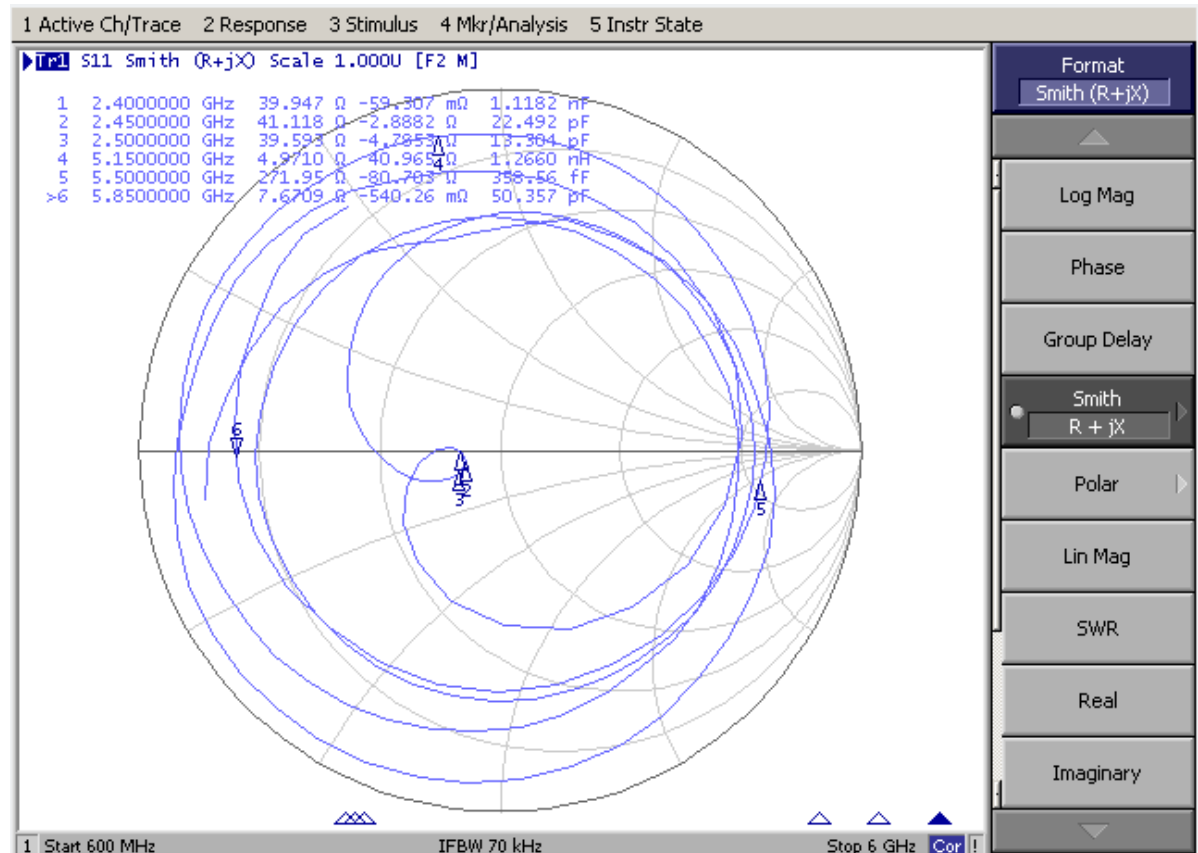
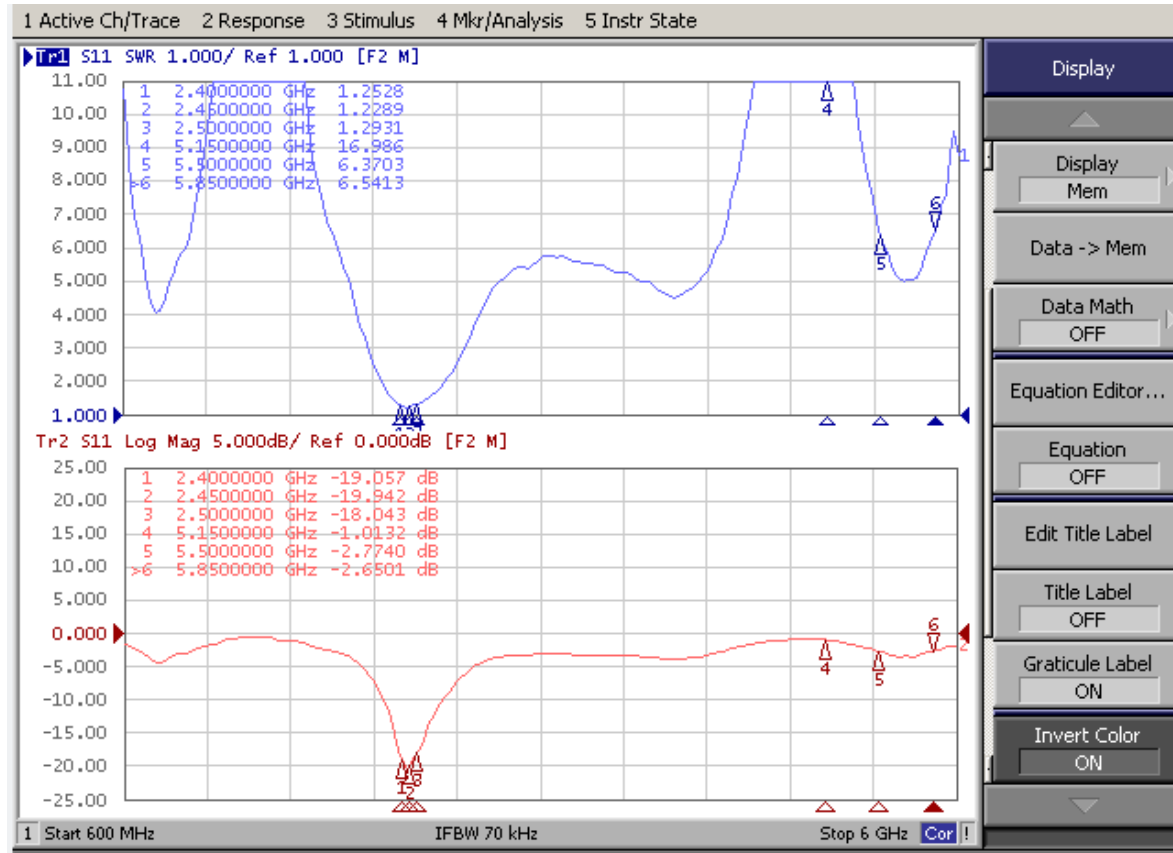
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- Antenna name: 2.4G
- Antenna Type: PCB External
- Covers: 2400/2500MHz



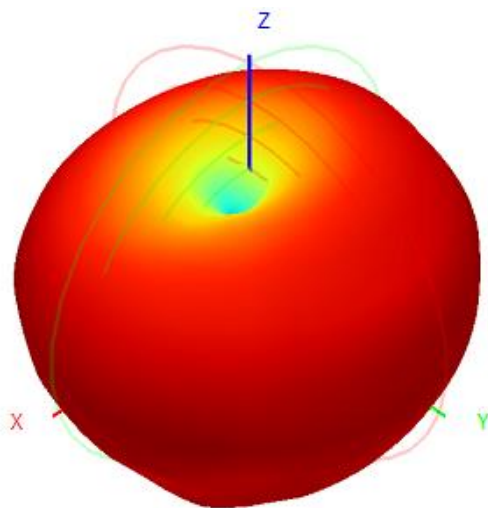
S Parameter_Return Loss&VSWR-Smith

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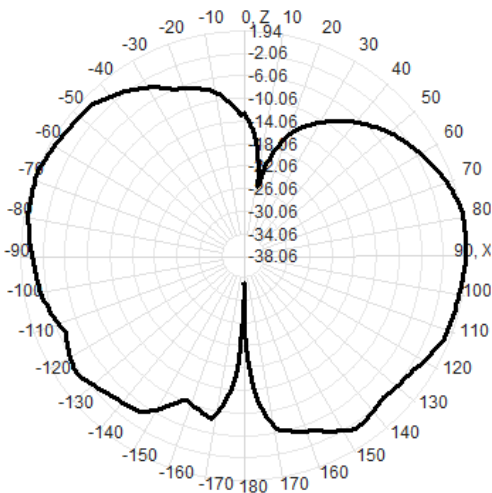


Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	2.10	2.37	2.41	2.32	2.44	2.32	2.21	2.01	2.05	2.09	1.96
Efficiency (%)	78.71	79.64	78.17	76.89	79.30	81.47	83.80	83.07	79.38	76.35	74.69

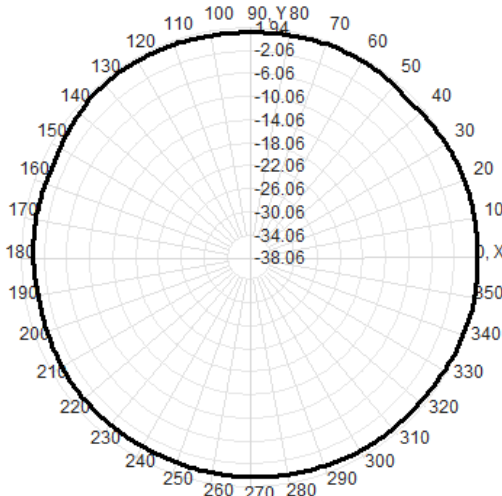
2D/3D方向图



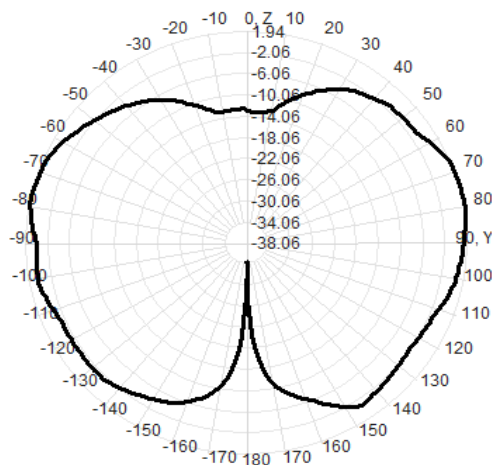
远场方向图



E1-XZ



H-XY



E2-YZ