



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

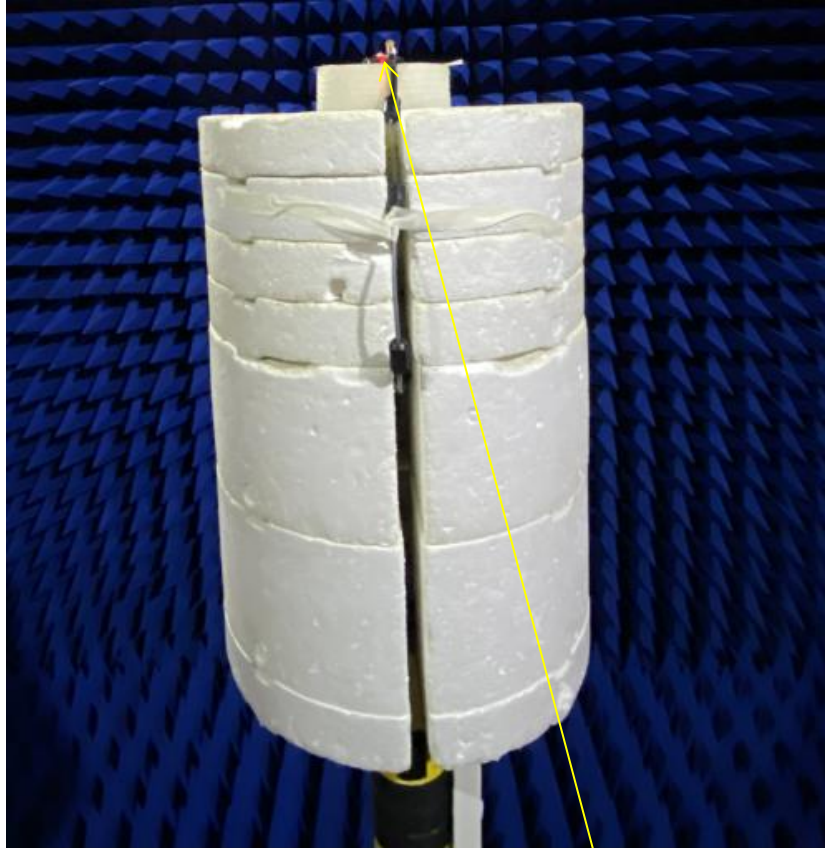
Room 101, Building 2, No. 9 Xinfu Road, Lincun, Tangxia Town, Dongguan, Guangdong, China

Antenna Study

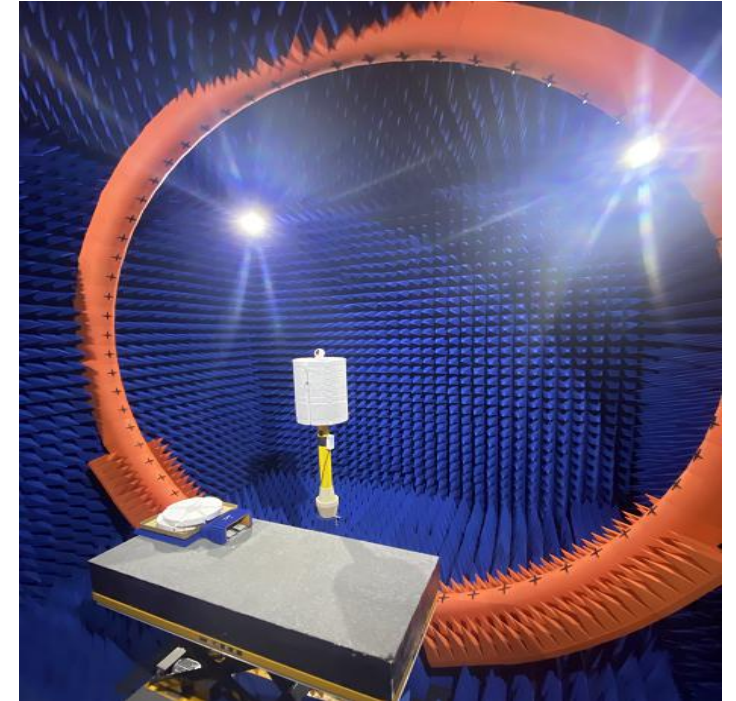
- **Client Name:LCS**
- **Project Name: clamp meter**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2024.10.11**
- **Linkman contacts: he hai ping 13686295193**

PCB Antenna

Dongguan UB Electronics Co., Ltd



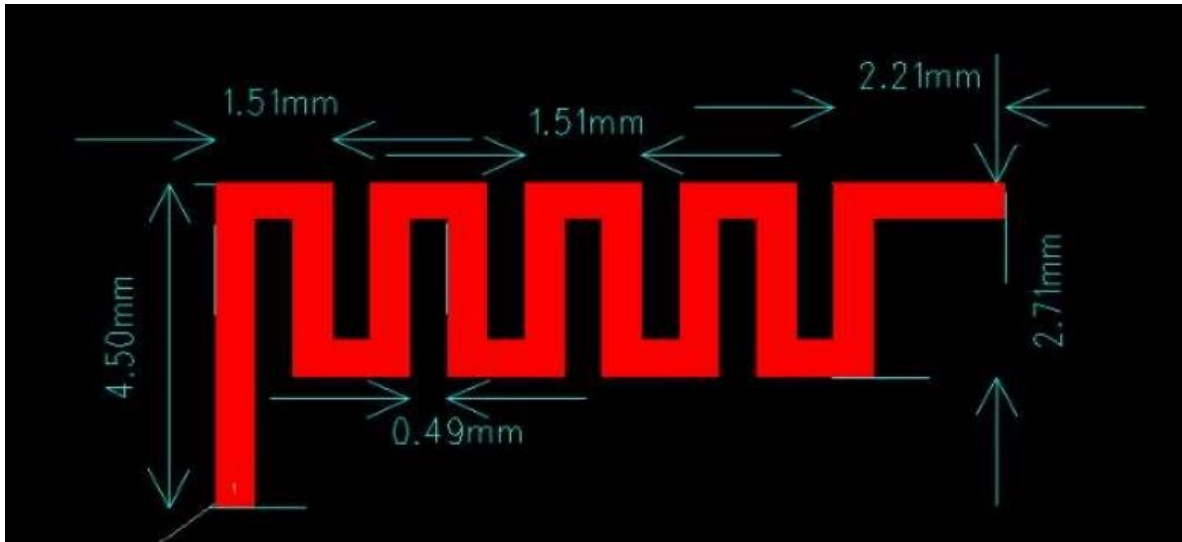
Testing environment



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

PCB Antenna

Dongguan UB Electronics Co., Ltd

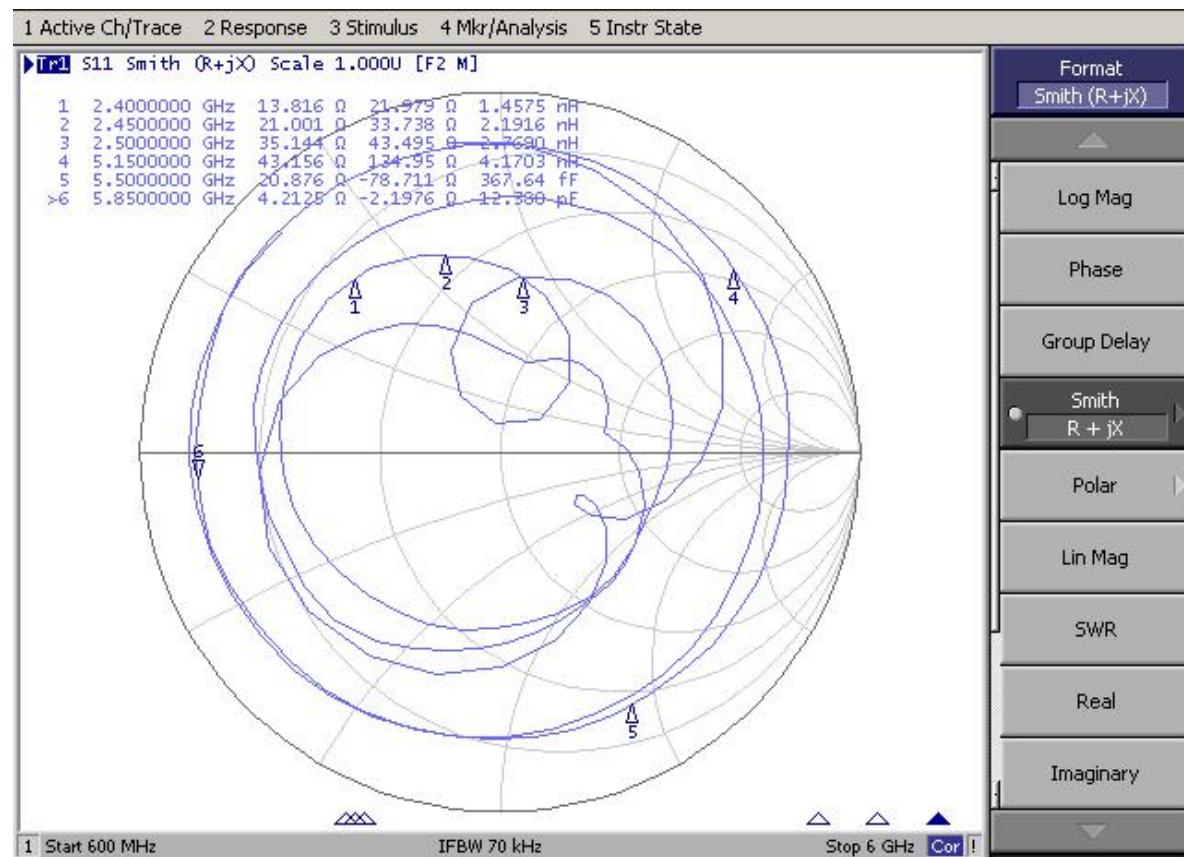


- Antenna name: 2.4G
- Antenna Type: PCB
- Covers : 2400/2500MHz

Antenna

S Parameter_Return Loss&VSWR-Smith

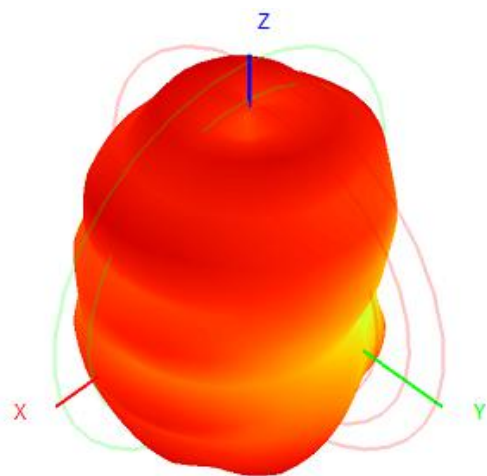
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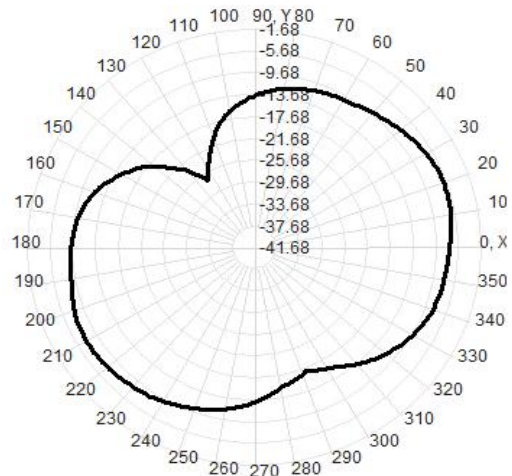
Efficiency and Gain

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)	-2.87	-2.92	-2.81	-2.44	-2.13	-1.68	-1.63	-1.85	-1.79	-1.72	-1.86
Efficiency (%)	16.21	17.01	16.80	16.40	16.72	17.45	17.61	17.64	16.99	16.44	16.17

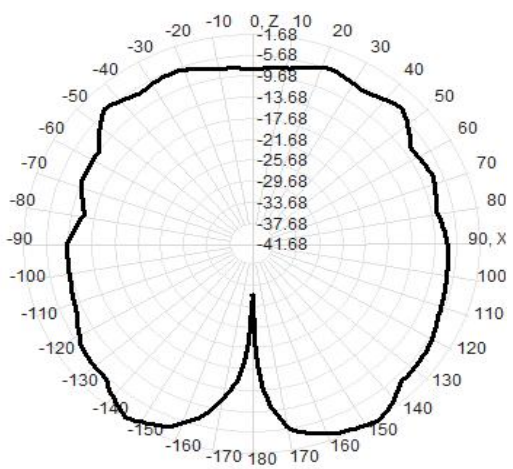
2D/3D方向图



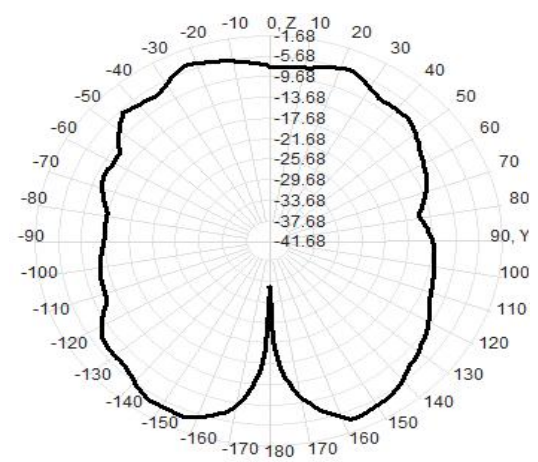
远场方向图



H-XY



E1-XZ



E2-YZ