



好天线 · 优比造

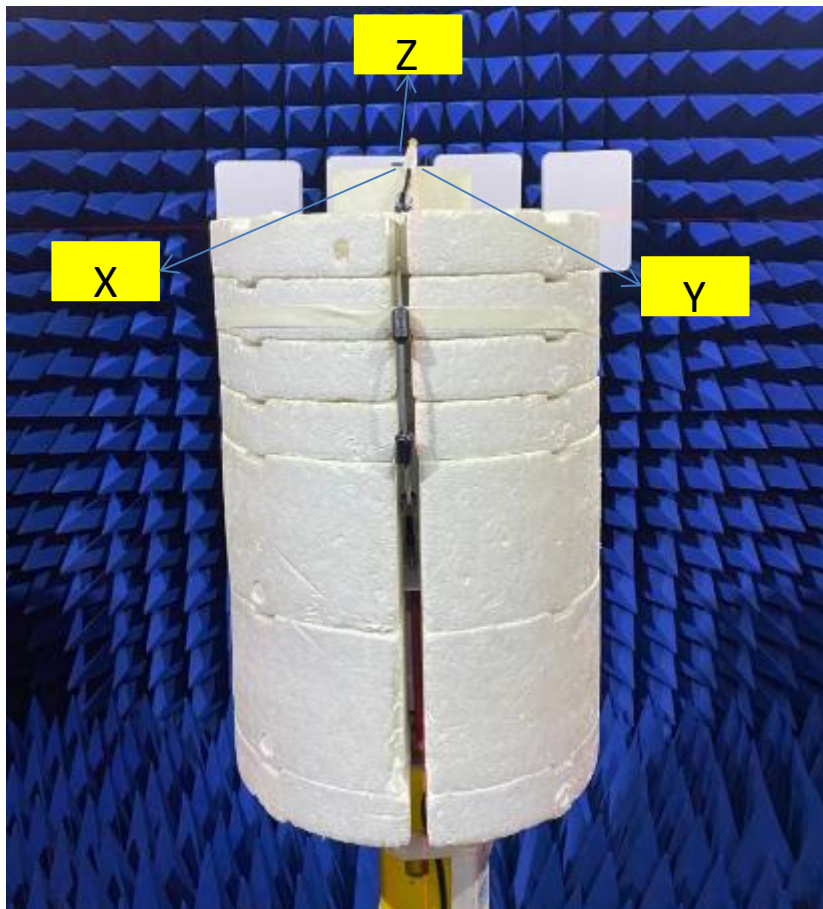
东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

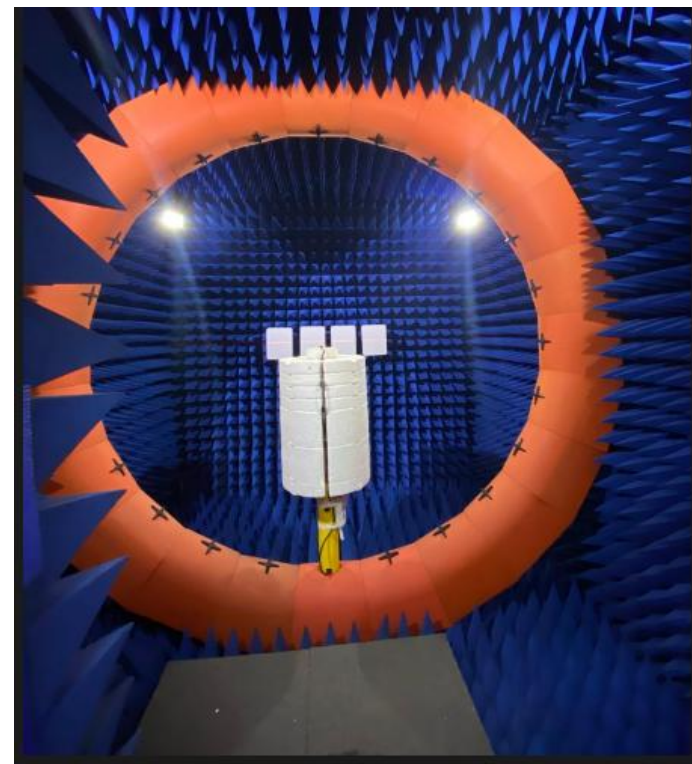
Room 101, 2nd Building, No. 9, Xinfalun Road, Lincun, Tangxia Town, Dongguan, Guangdong, China

Antenna Study

- **Client Name:** Chengdu Cryo-Push Medical Technology Co., Ltd
- **Project Name:** 天线
- **Project Name:** KRP-E104-BT53C3
- **Debugging frequency band:** 2400-2500HMz
- **Valuation date:** 2024.12.20
- **Linkman contacts:** he hai ping 13686295193

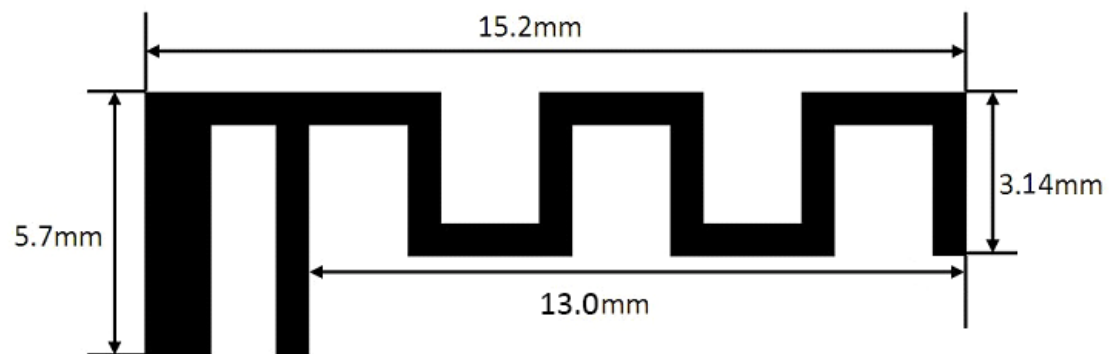


Testing environment



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

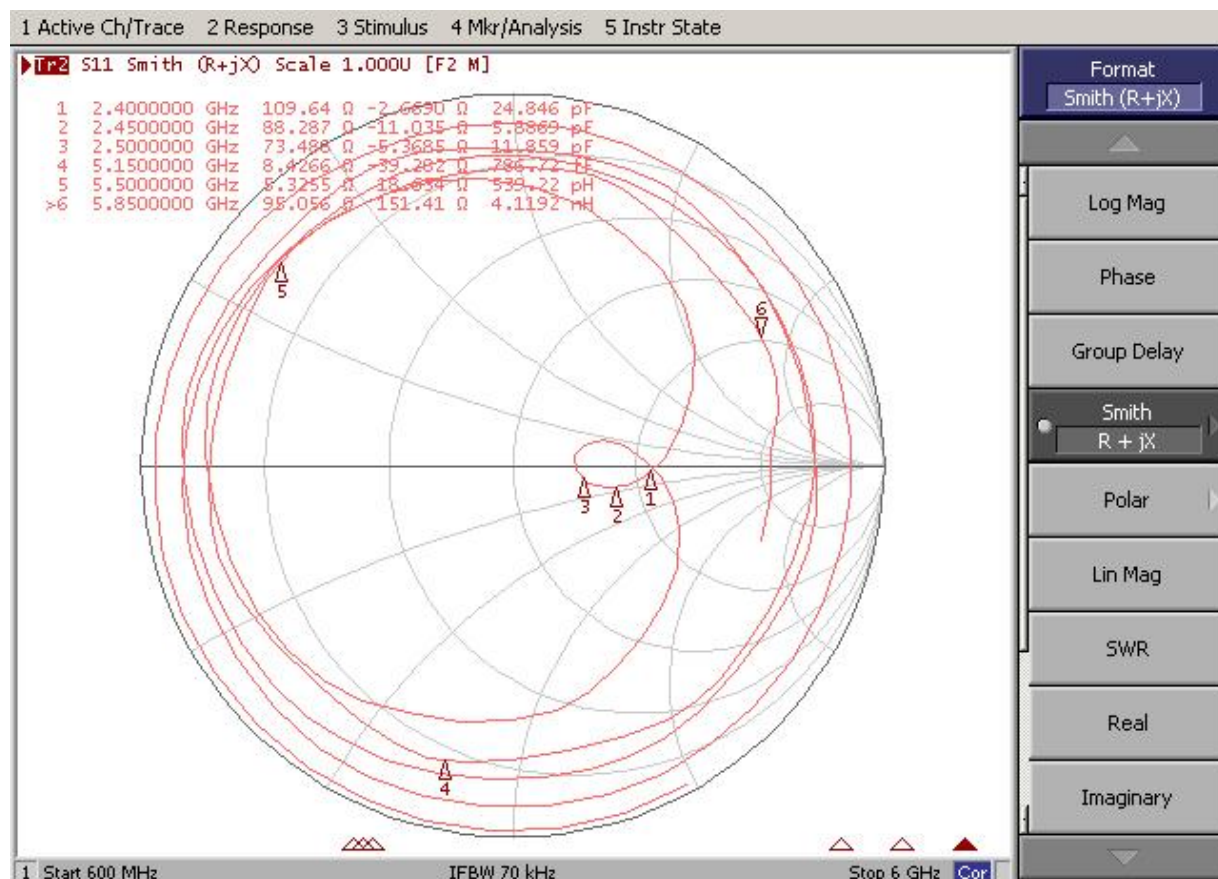
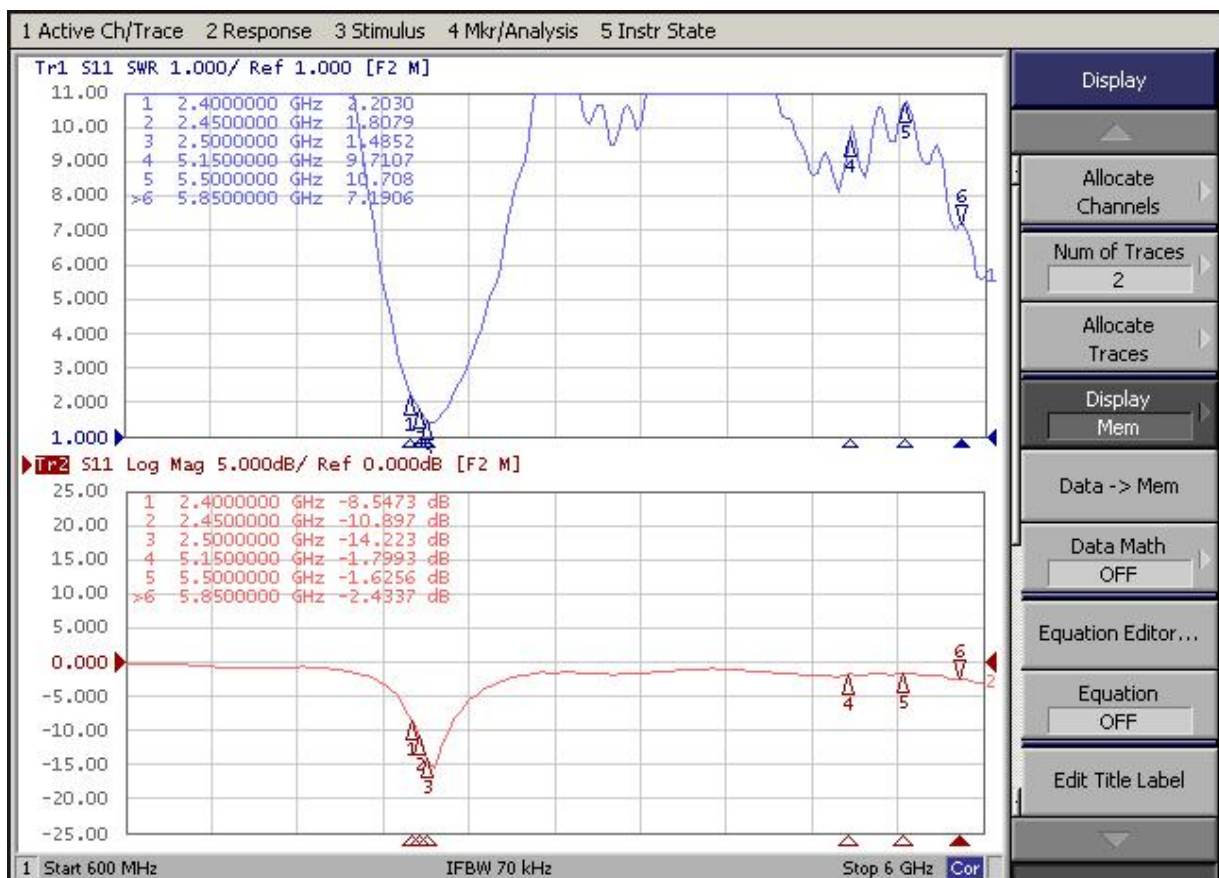
- Antenna name: PCB Antenna
- Covers : 2400/2500MHz



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)	-0.78	-0.98	-0.13	-0.22	0.42	0.47	0.76	0.79	1.21	1.10	1.13
Efficiency (%)	23.02	22.89	26.56	25.34	30.22	31.94	35.91	38.59	43.35	44.72	44.60

2D/3D Radiation Pattern

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