



好天线 · 优比造

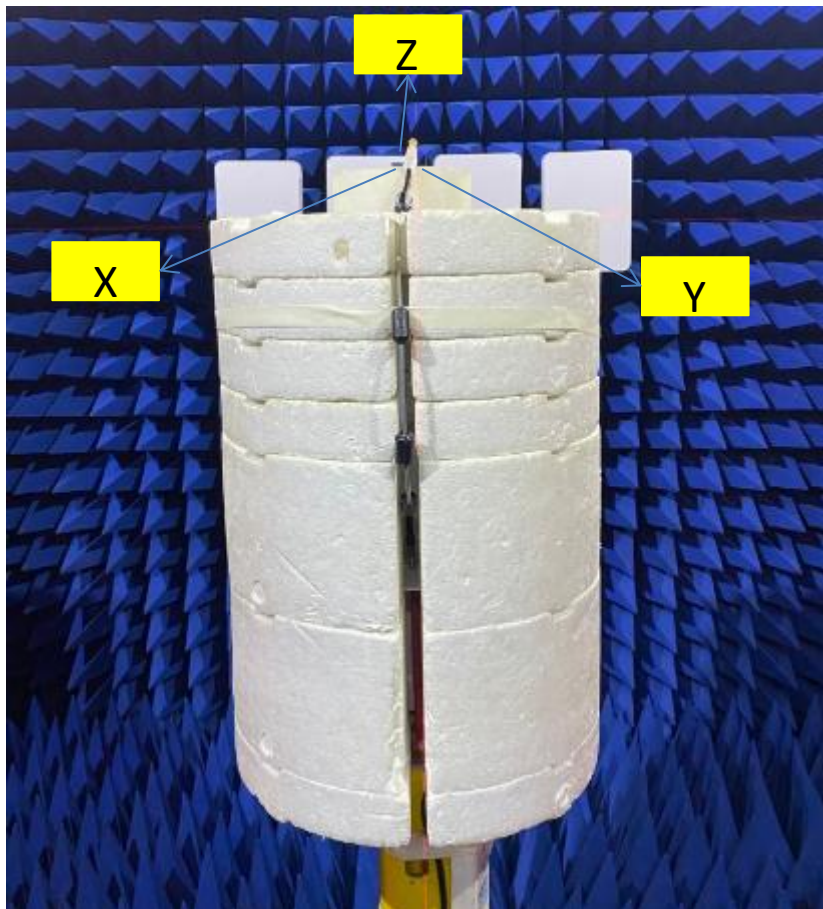
东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

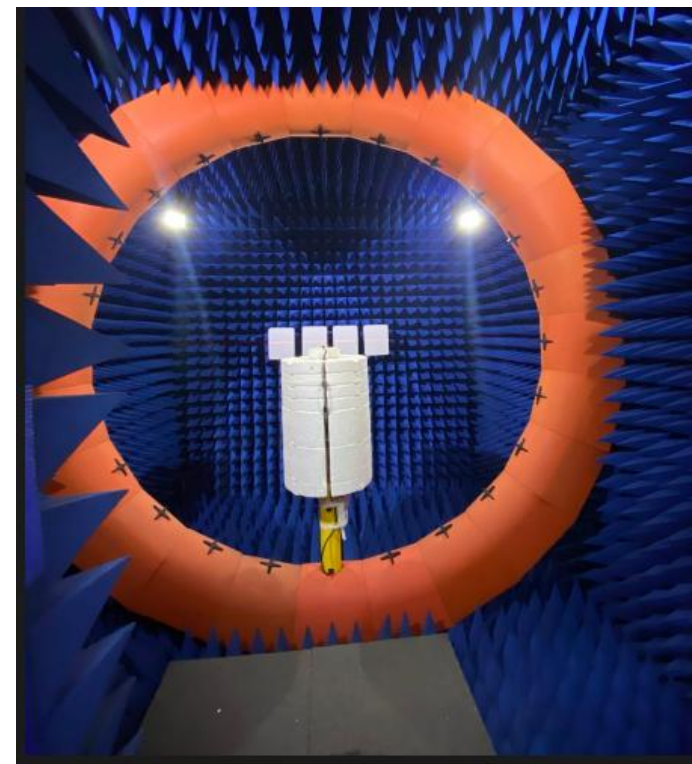
Room 101, 2nd Building, No. 9, Xinfalun Road, Lincun, Tangxia Town, Dongguan, Guangdong, China

## 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

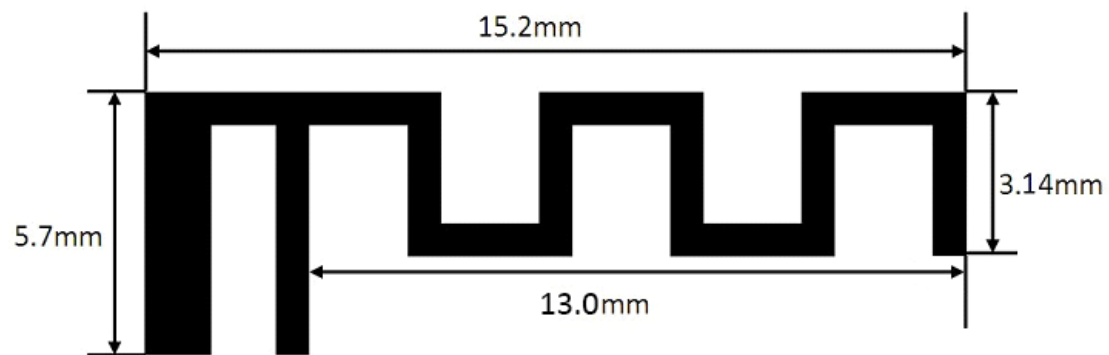


Testing environment



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

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

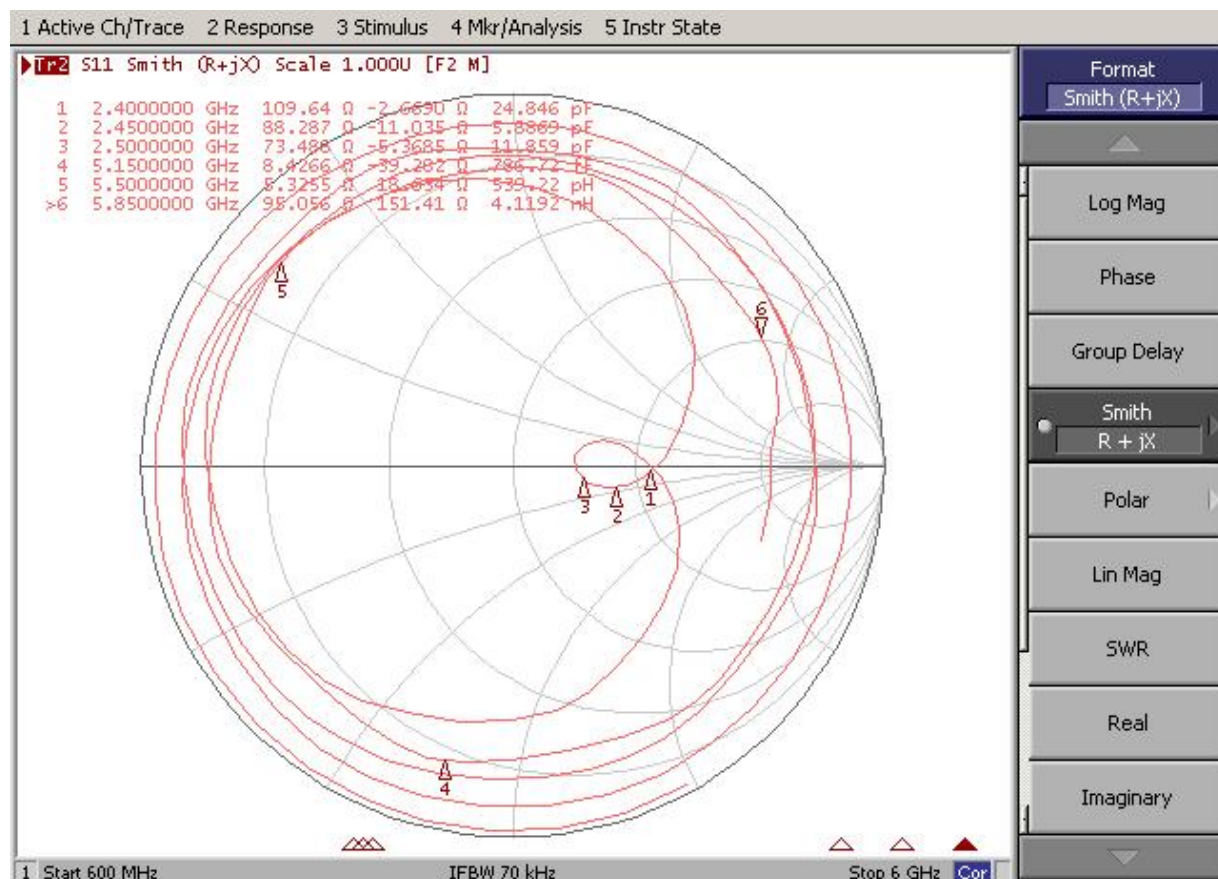
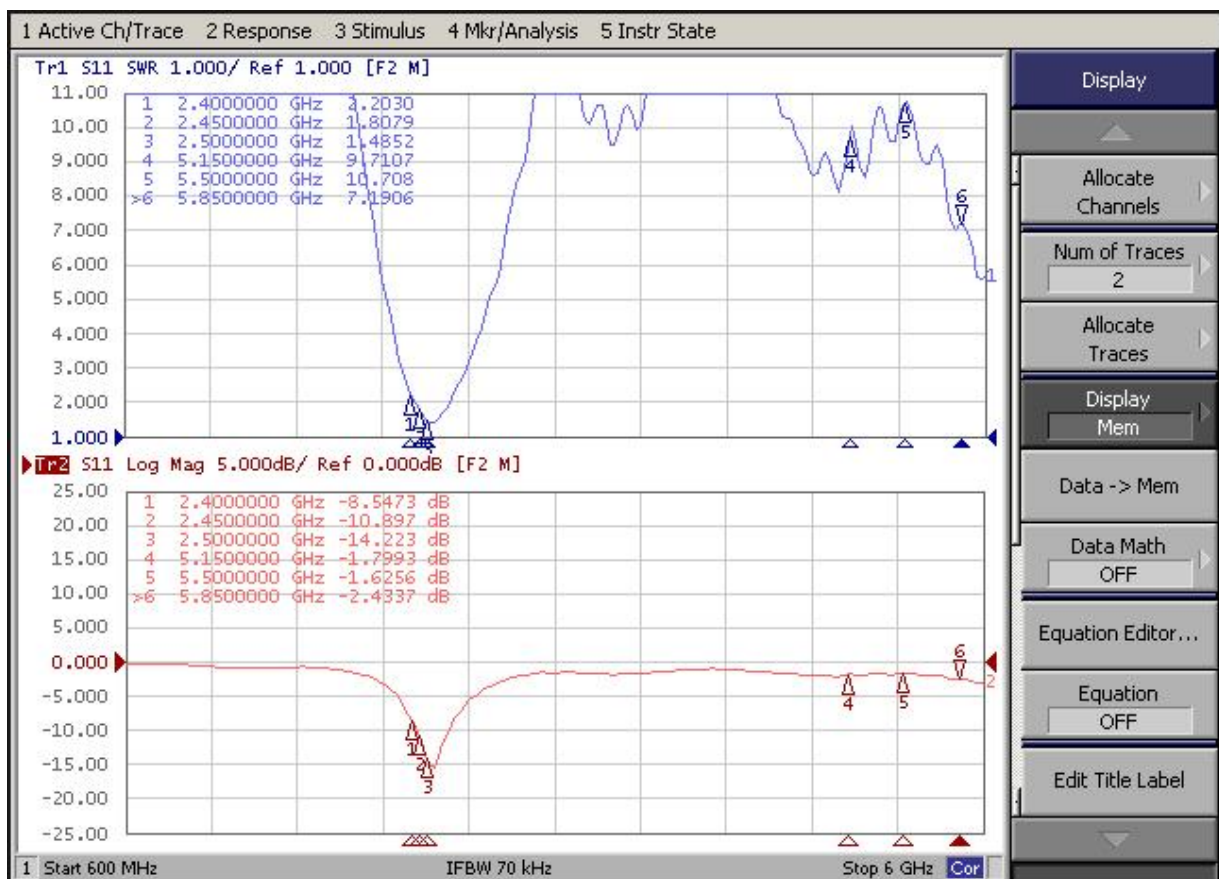


Antenna



# S Parameter\_Return Loss&VSWR-Smith

Dongguan UB Electronics Co., Ltd



# 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

