



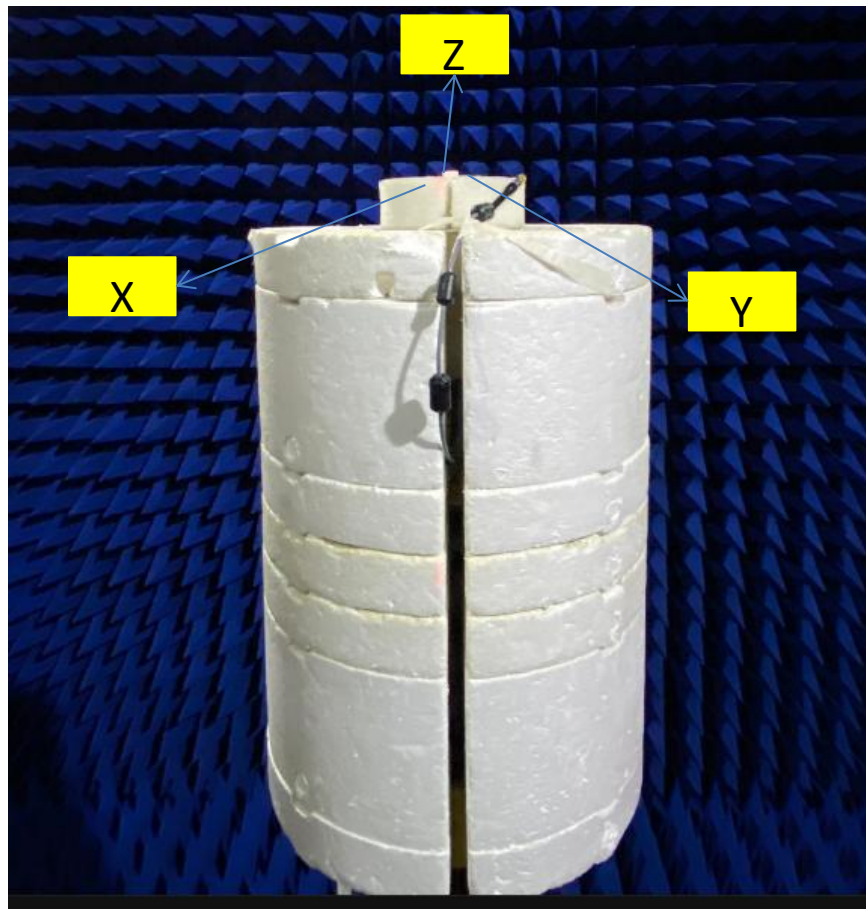
好天线 · 优比造

东莞市优比电子有限公司

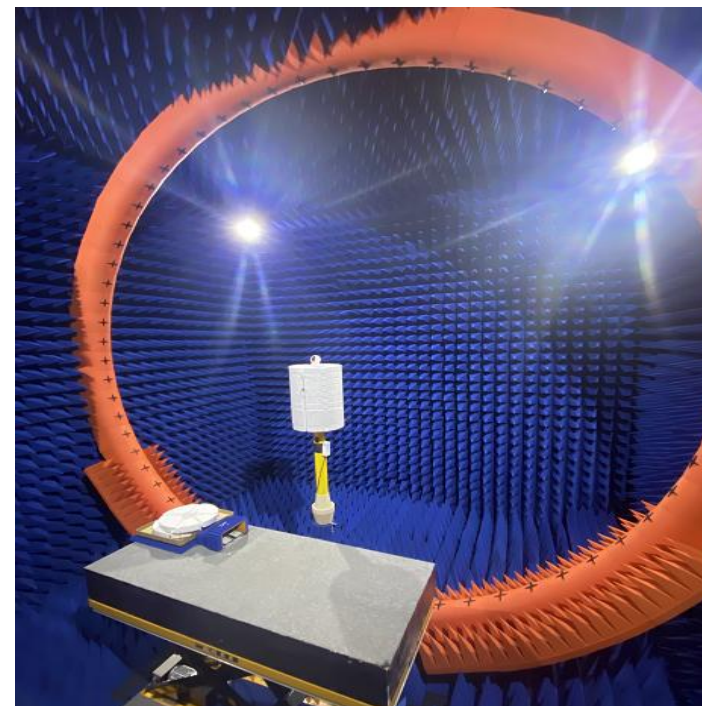
Dongguan UB Electronics Co., Ltd

Antenna Study

- **Client Name: Zaidtek Electronic Technology (Xiamen) Co., Ltd.**
- **Manufacturer Name: Zaidtek Electronic Technology (Xiamen) Co., Ltd.**
- **Address: No. 29-2 XinLe Road, Haicang District, Xiamen, China**
- **Project Name: Bluetooth Network Adapters**
- **Model: HBT541**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.01.10**



Testing environment



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

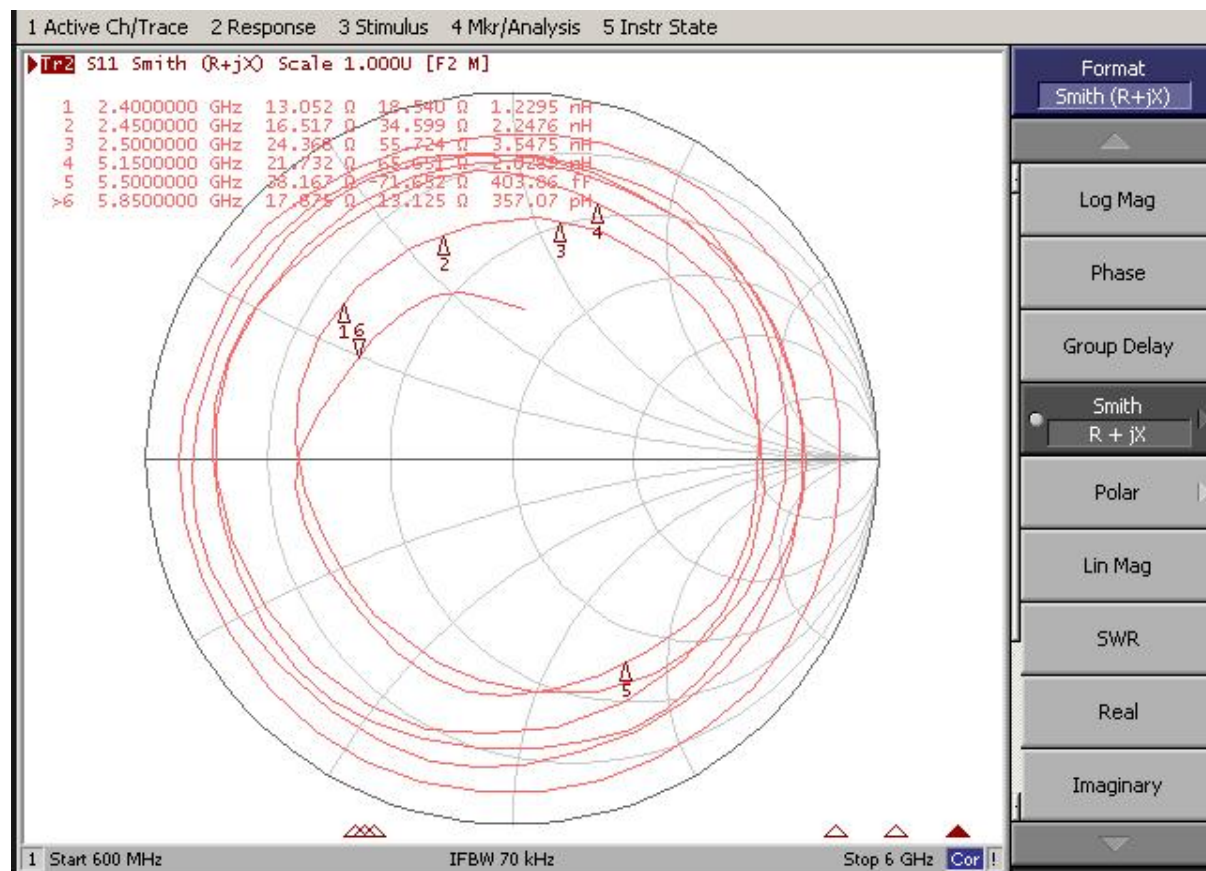


- Antenna name: 2.4G
- Covers : 2400/2500MHz

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)	0.96	0.75	0.68	0.73	0.36	-0.02	-0.14	-0.26	-0.40	-0.43	-0.52
Efficiency (%)	32.54	31.58	31.59	30.50	28.04	26.47	25.74	25.31	24.61	24.37	23.56

