



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

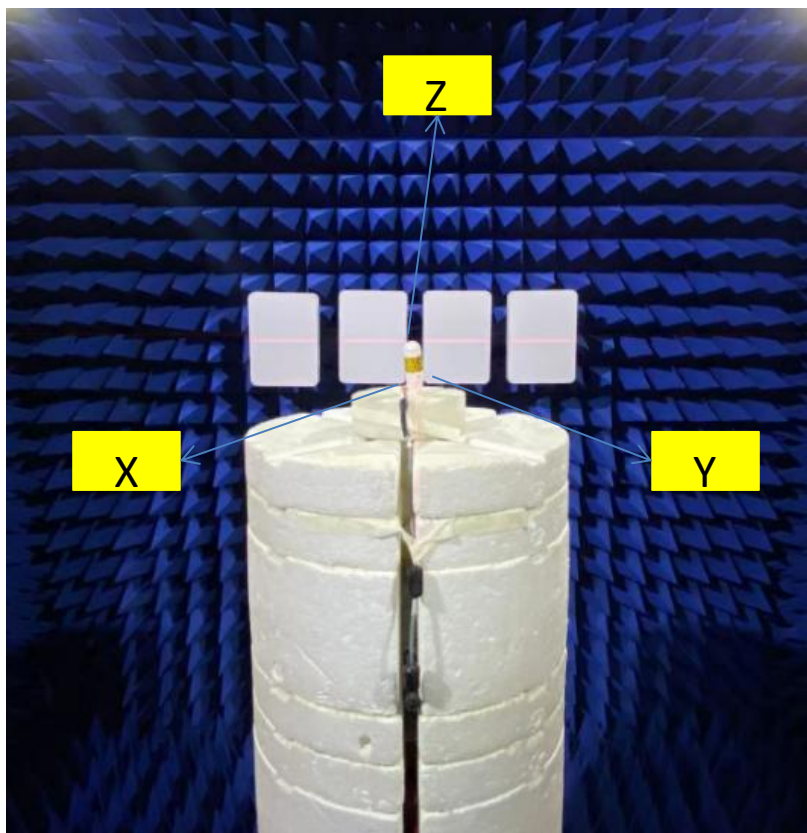
Antenna Study

- **Client Name: Wuxi Yi Peng Trading Co., Ltd**
- **Project Name: Squirrel PRO Smart Health Massager**
- **Model: SV02**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.06.04**

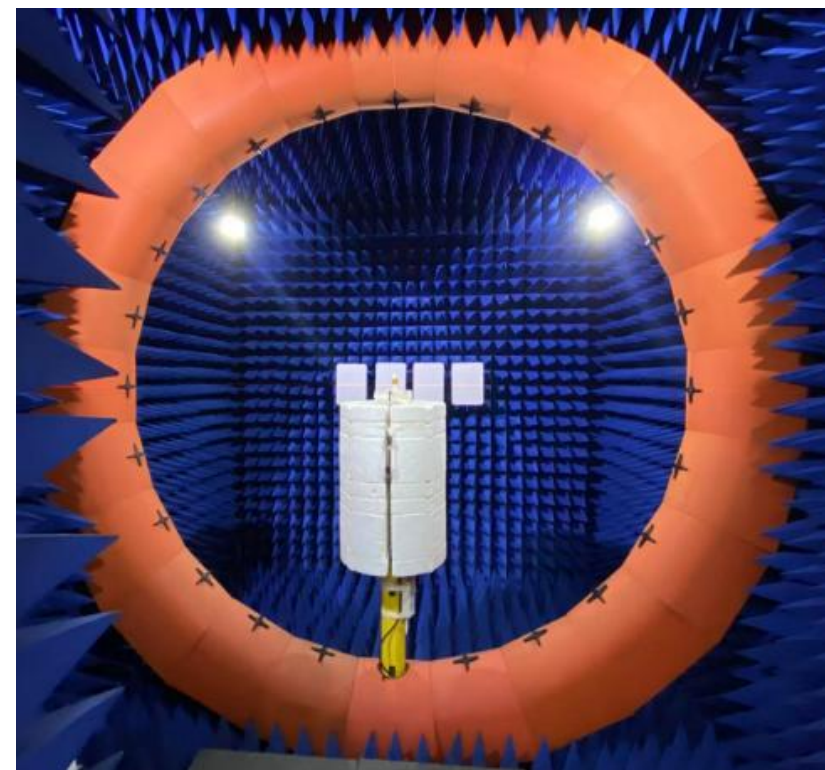
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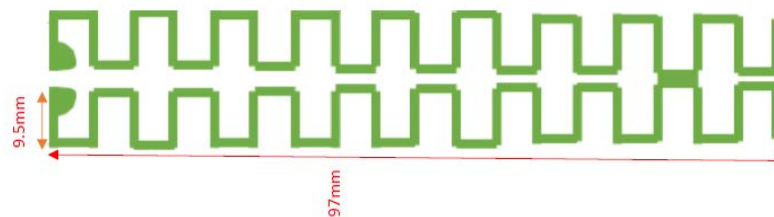


Testing environment



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

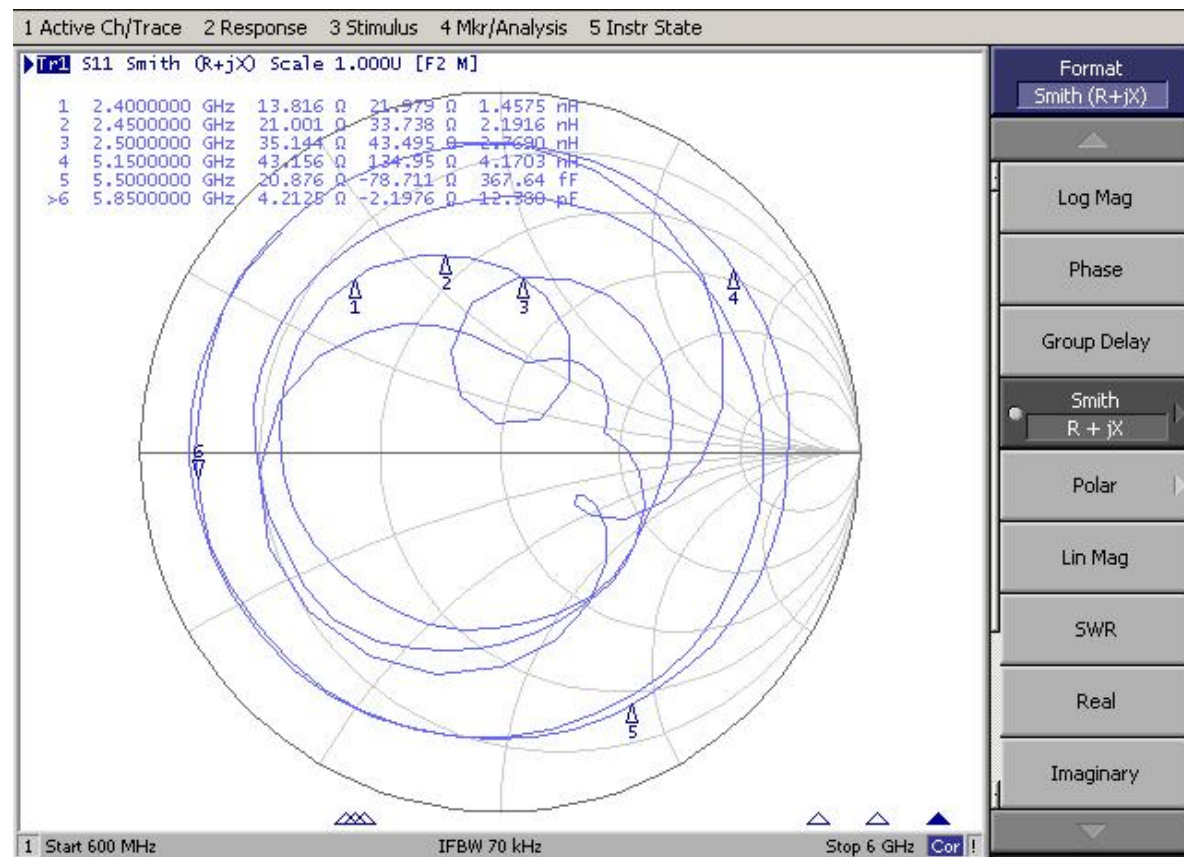
- Antenna name: 2.4G
- Covers : 2400/2500MHz



Antenna

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)	-2.87	-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

