



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

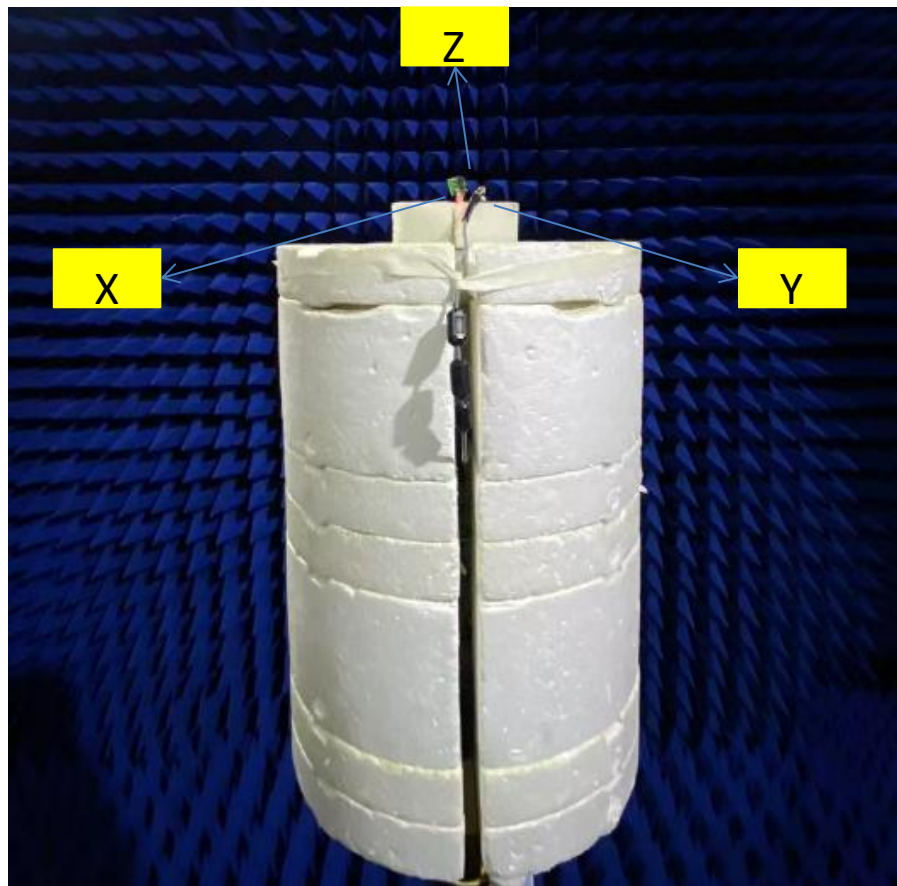
Antenna Study

- **Client Name:AUTHOR-ALARM d.o.o**
- **Project Name: Wireless tag**
- **Model: Author Keyfob**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2025.04.25**

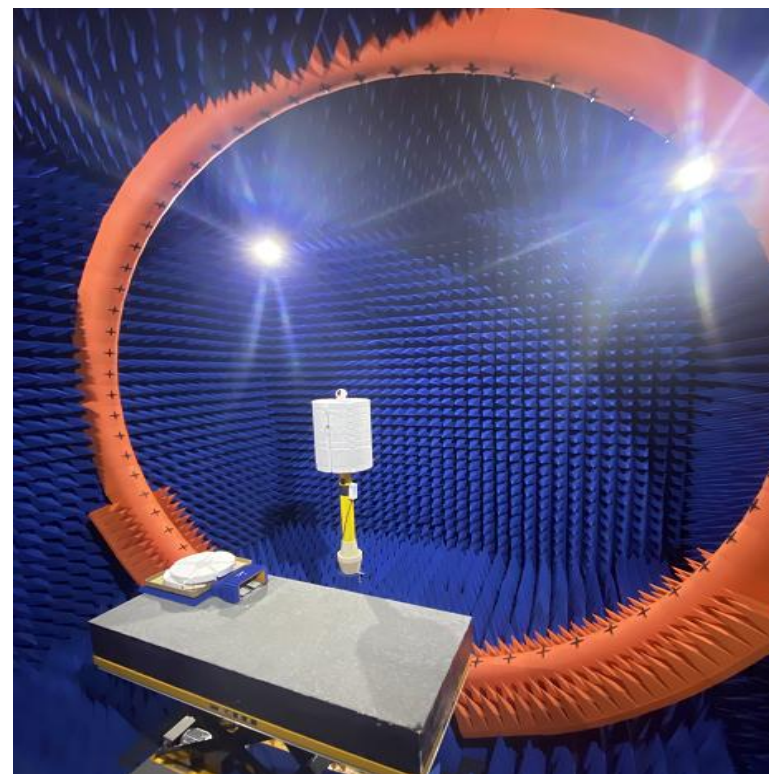
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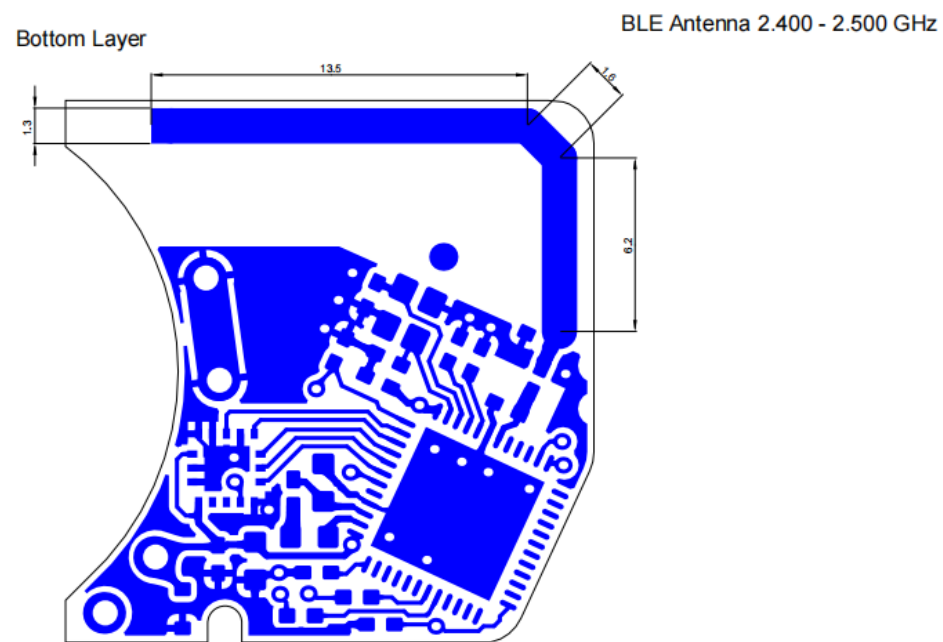


Testing environment

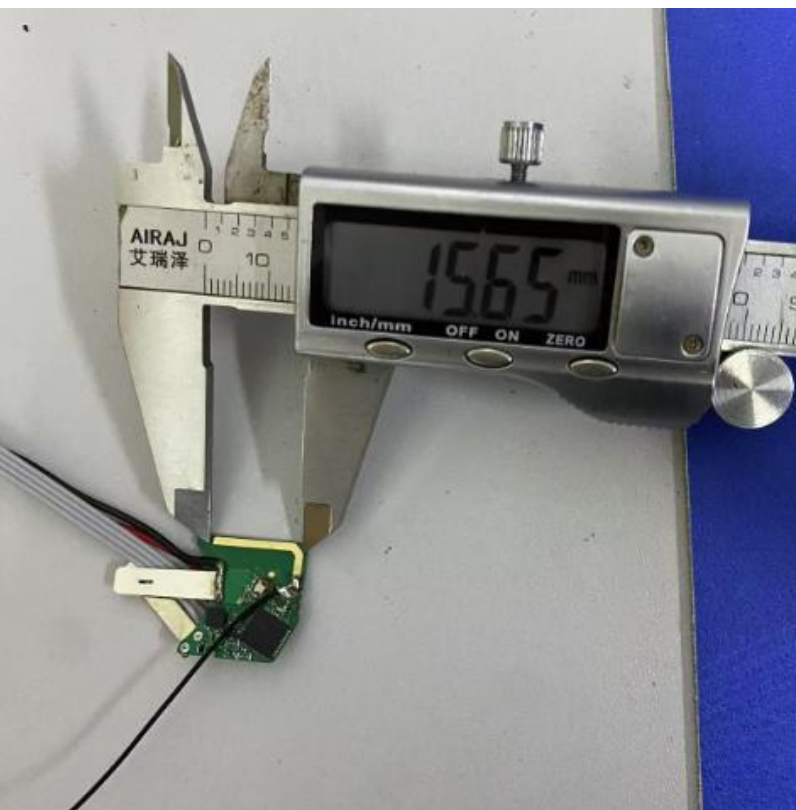


Testing 3D microwave darkroom(6m*6m*6m)

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

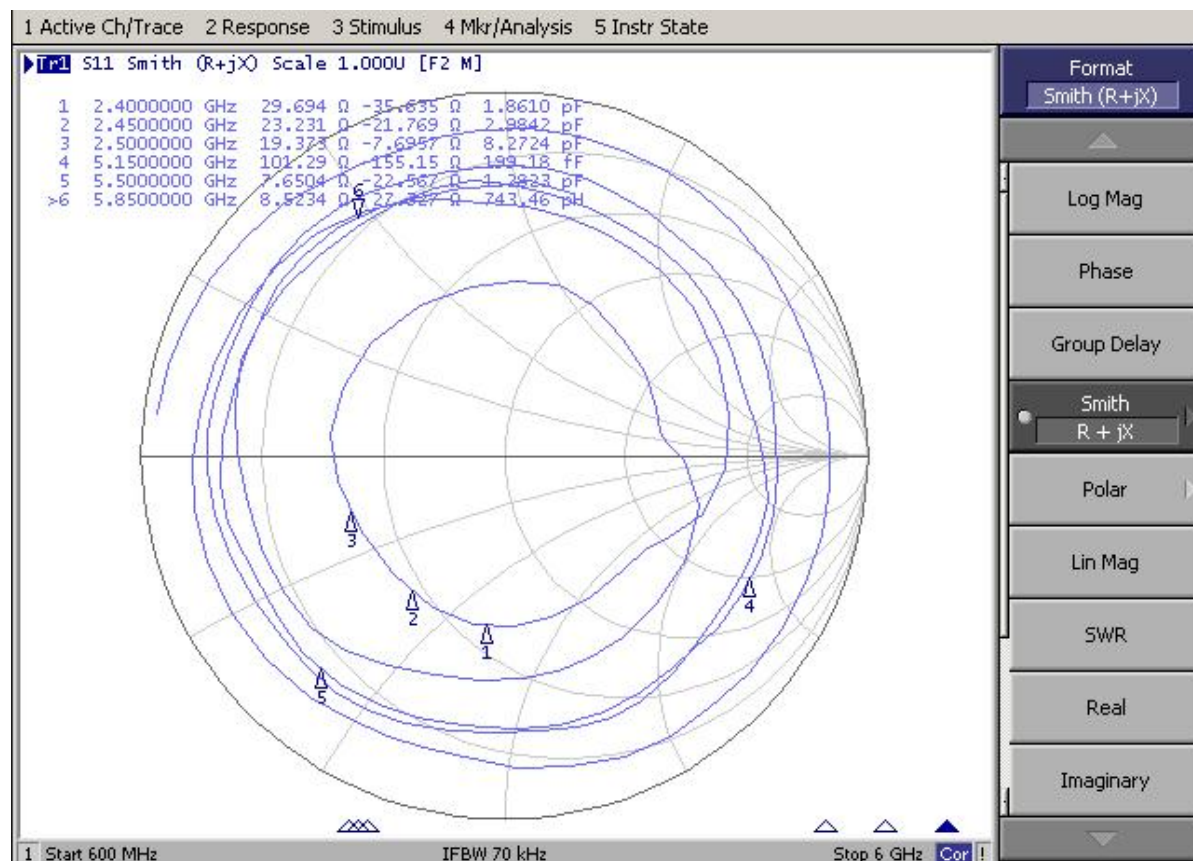


Antenna



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)	0.67	1.03	0.92	0.89	1.26	1.75	2.26	2.15	2.07	2.24	2.05
Efficiency (%)	42.91	43.77	42.54	43.11	44.09	44.14	46.66	46.72	43.82	42.85	41.22

