



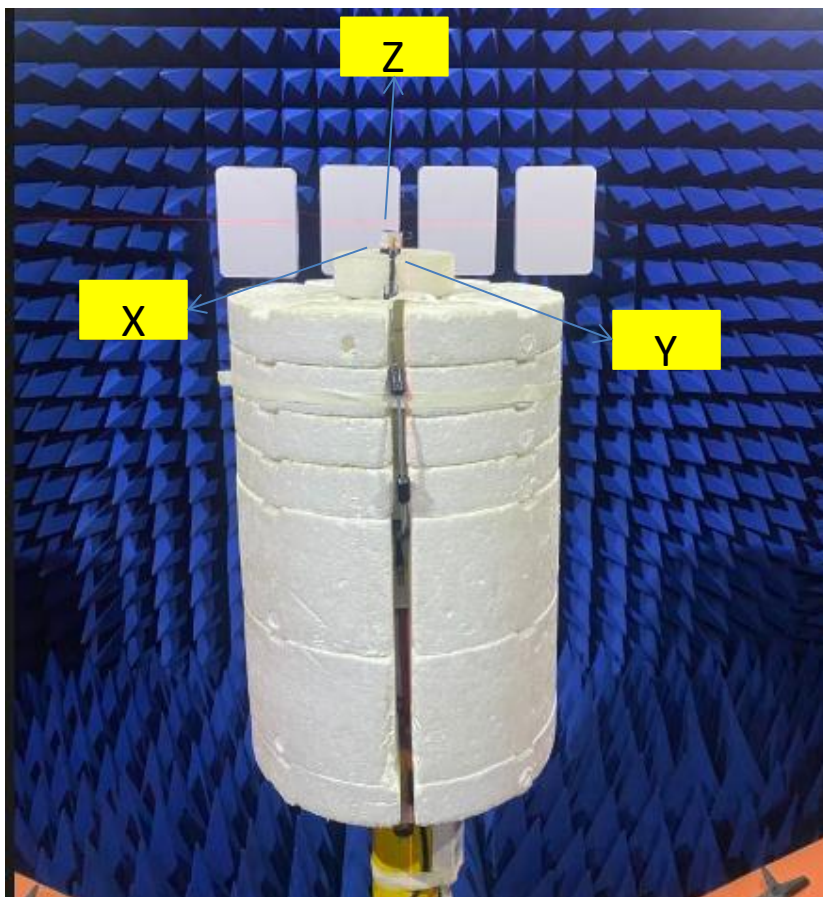
好天线 · 优比造

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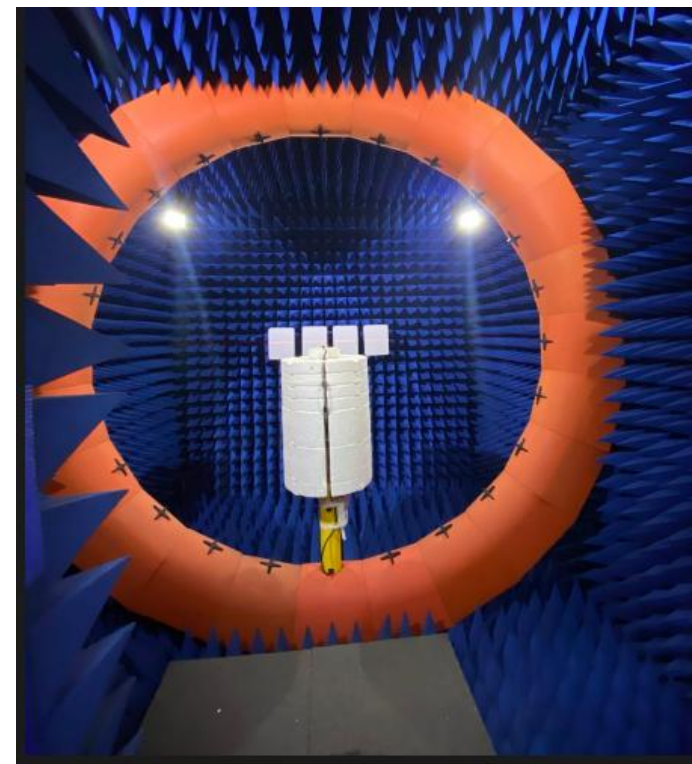
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Antenna Study

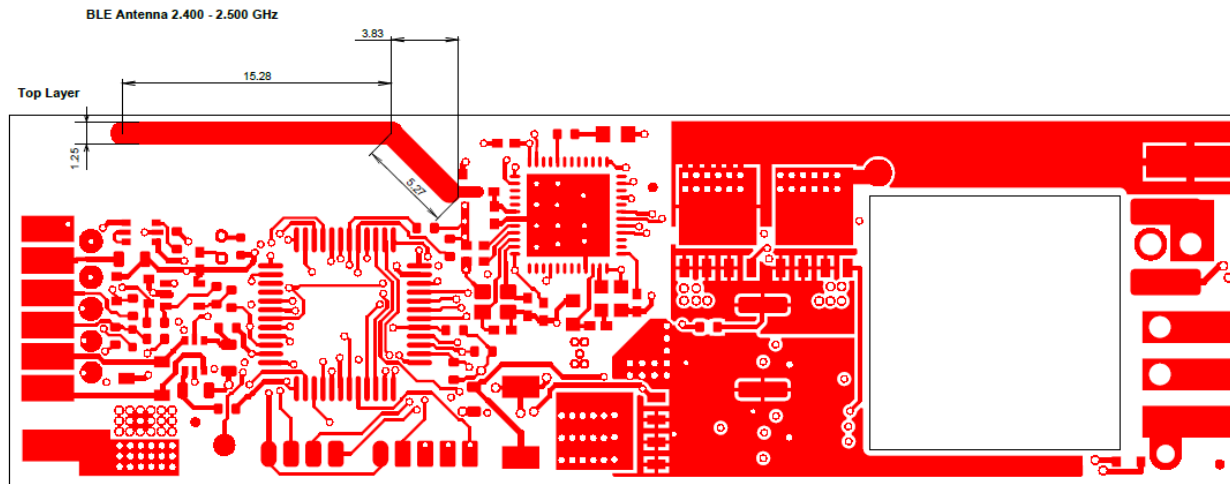
- **Client Name: AUTHOR-ALARM d.o.o**
- **Address: Koroška ulica 26, 1000 Ljubljana, Slovenija**
- **Project Name: Anti-theft device**
- **Model: KVANT 2**
- **Debugging frequency band: 2400-2500HMz**
- **Valuation date: 2024.12.20**



Testing environment



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

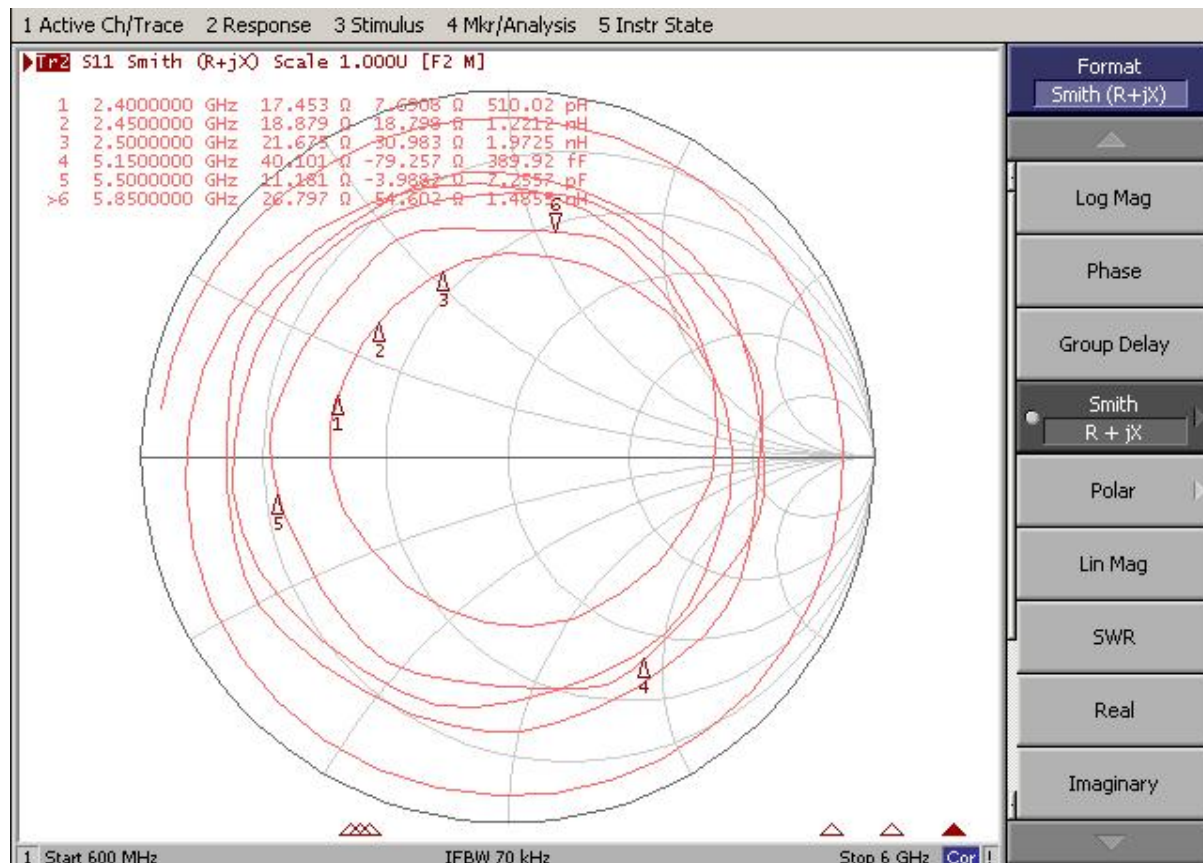
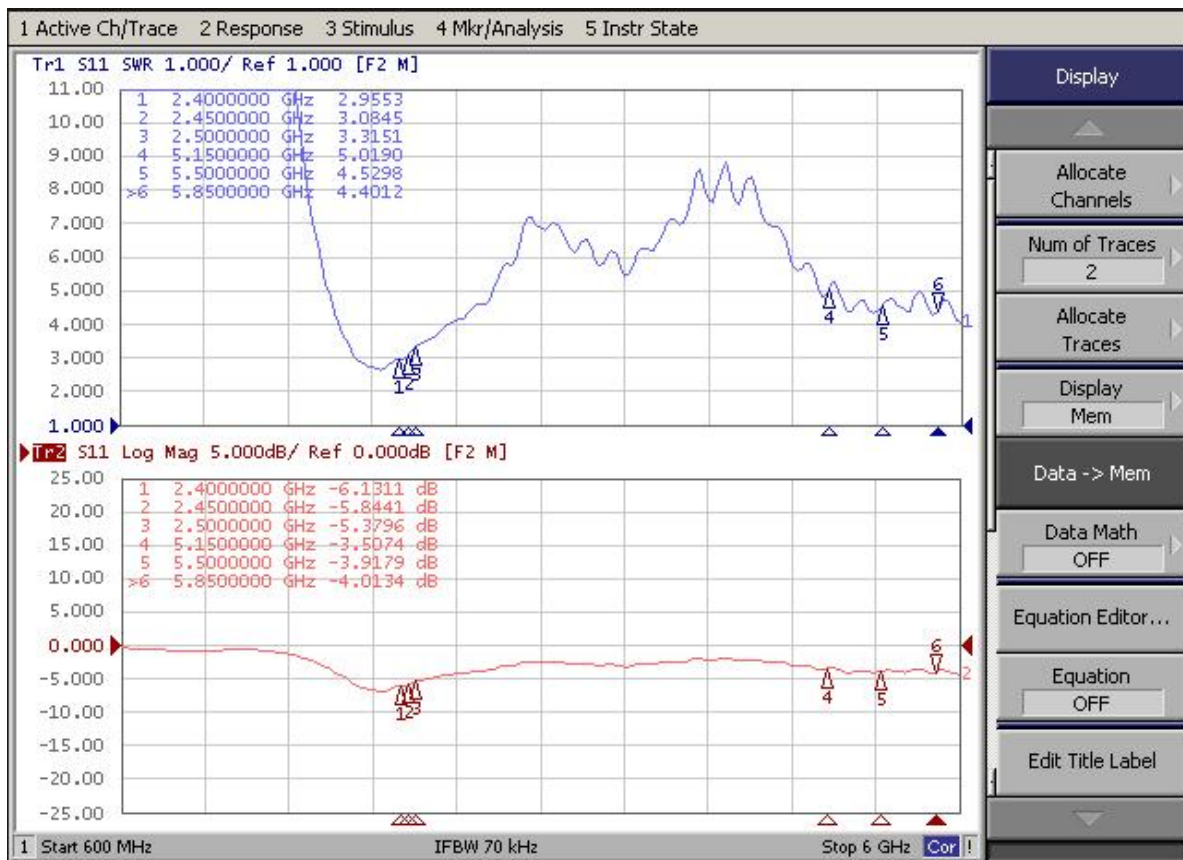


- Antenna name: 2.4G
- Covers : 2400/2500MHz

Antenna

S Parameter_Return Loss&VSWR-Smith

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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)	1.69	1.63	0.83	0.26	0.11	-0.43	-0.45	-0.14	0.00	-0.14	0.12
Efficiency (%)	45.60	44.35	41.37	40.12	39.25	39.23	38.68	40.04	41.88	40.23	42.52

