



好天线 · 优比造

东莞市优比电子有限公司

Dongguan UB Electronics Co., Ltd

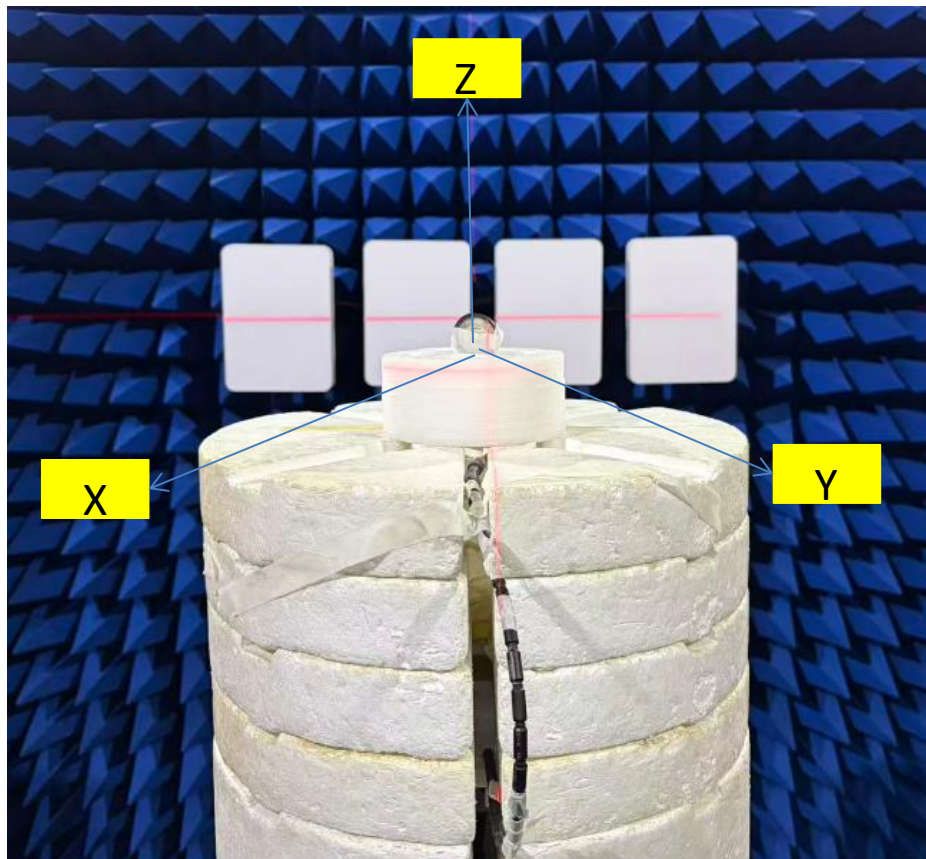
Antenna Study

- **Client Name: CP & EB IT**
- **Project Name: AAWireless 3**
- **Model: AAWireless 3**
- **Debugging frequency band: 2.4G+5.8G**
- **Valuation date: 2026.03.12**

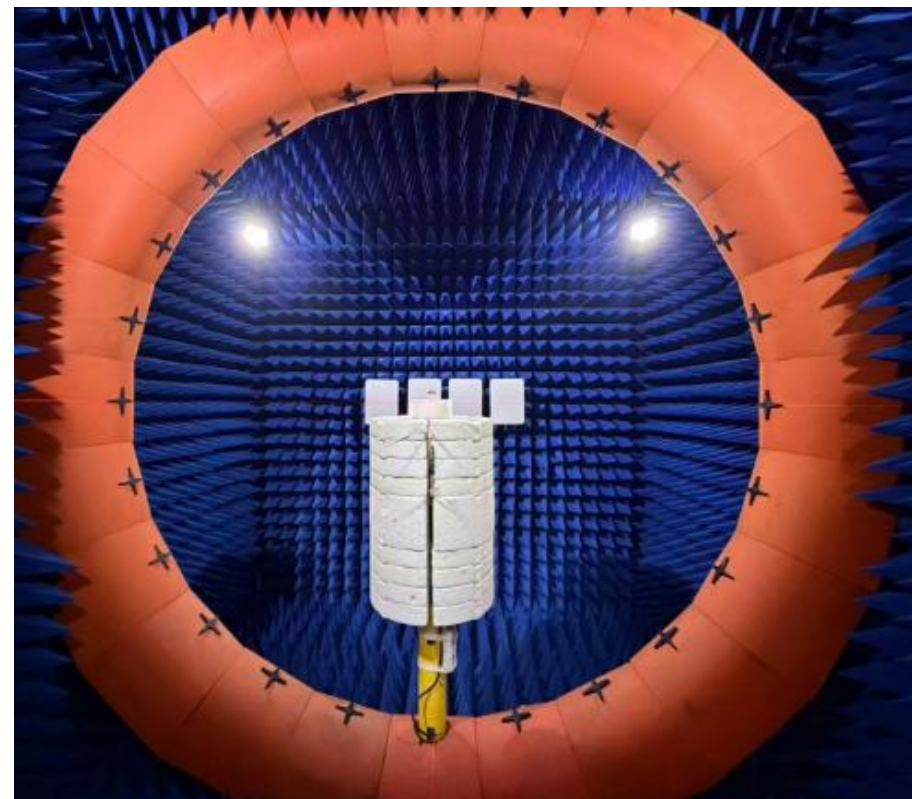
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Testing environment



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

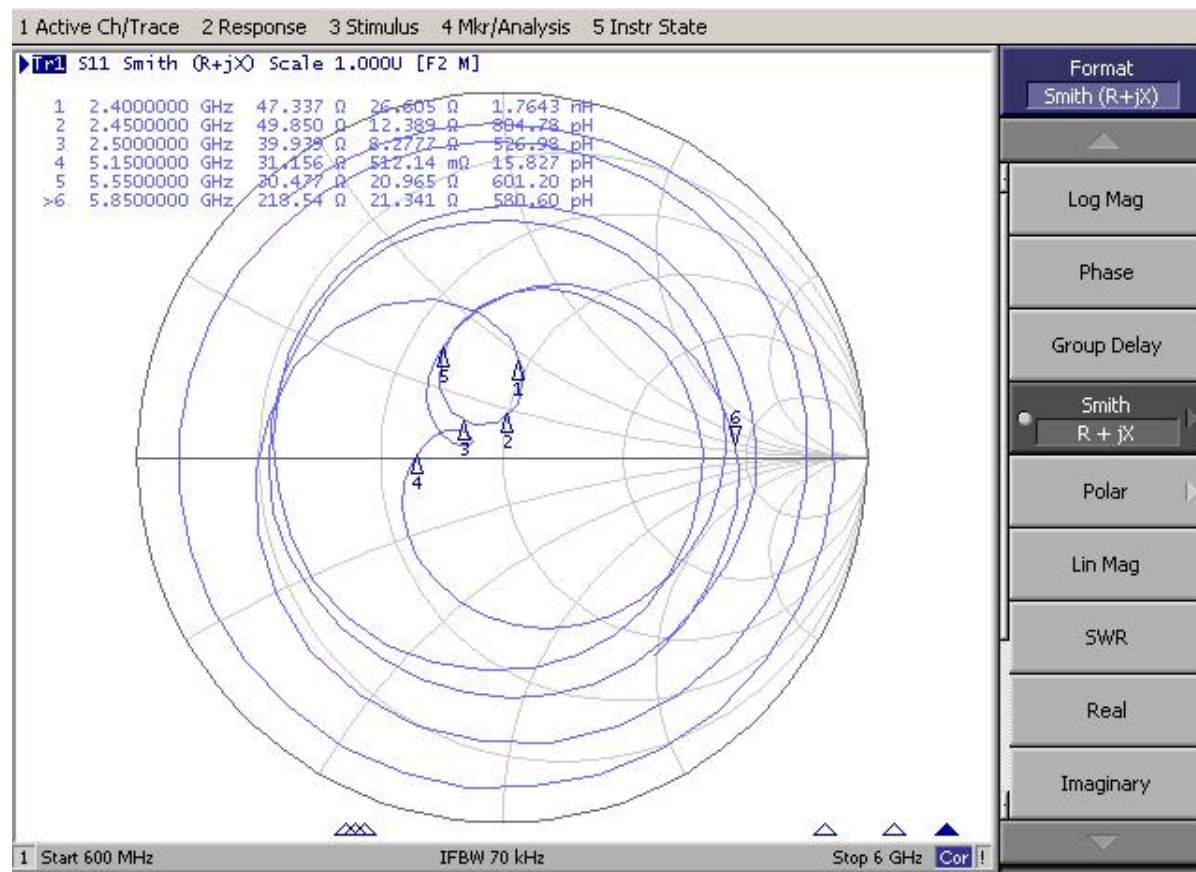
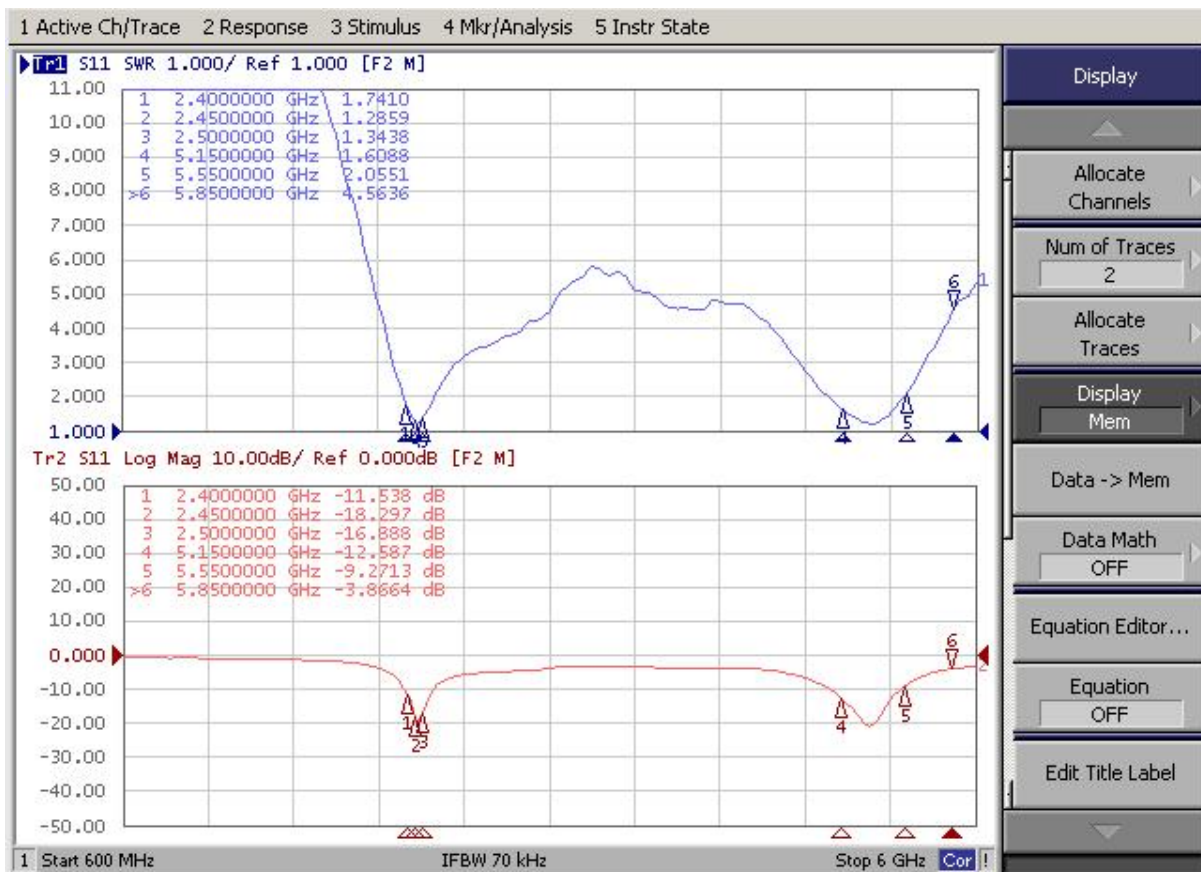


Antenna

- Antenna name: 2.4G+5.8G
- Covers : 2400/5850MHz

S Parameter_Return Loss&VSWR-Smith

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Efficiency and Gain

序号	1	2	3	4	5	6	7	8	9	10	11
频率(MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
增益 (dBi)	-0.35	-0.74	-0.57	-0.09	-0.46	0.10	-0.54	-0.70	-1.11	-0.60	-0.53
效率 (%)	32.18	30.18	32.39	35.61	32.13	36.40	33.20	35.47	33.23	36.69	36.22

序号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
频率(MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
增益 (dBi)	1.80	2.06	2.19	1.44	1.61	1.15	-0.46	-0.83	-1.04	-1.17	-1.65	-0.88	-1.28	-2.71	-1.32
效率 (%)	46.89	52.20	49.94	44.42	49.80	44.00	35.97	29.26	30.44	29.60	22.78	26.64	22.19	17.45	22.53

