

V3 Antenna Report

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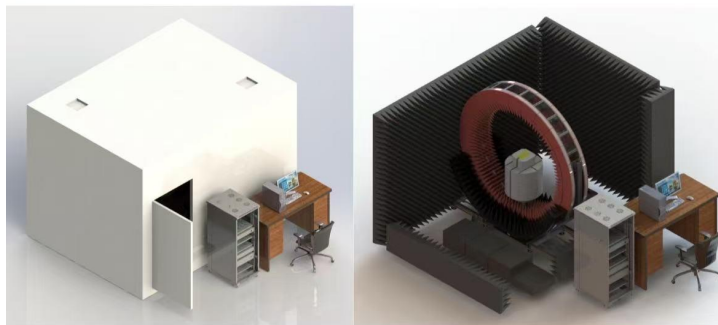
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Date: 2026.02.04

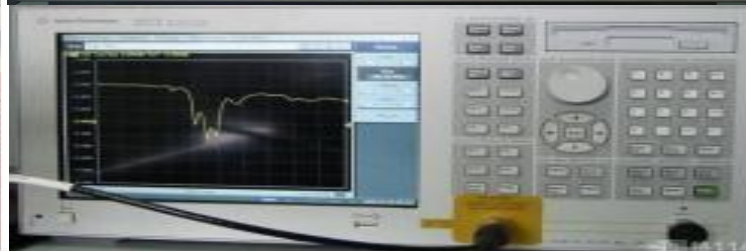
>>> Test Equipment

◆ Test System	◆ Test Environment	◆ Active Test	◆ Passive Test
Wan Wei 1800	22°C±3°C 50%±15% RH	Support 5G/4G/3G/2G Support BT/WIFI/GPS	600MHZ——6G

Onewave Test
OWT-1800 设计图

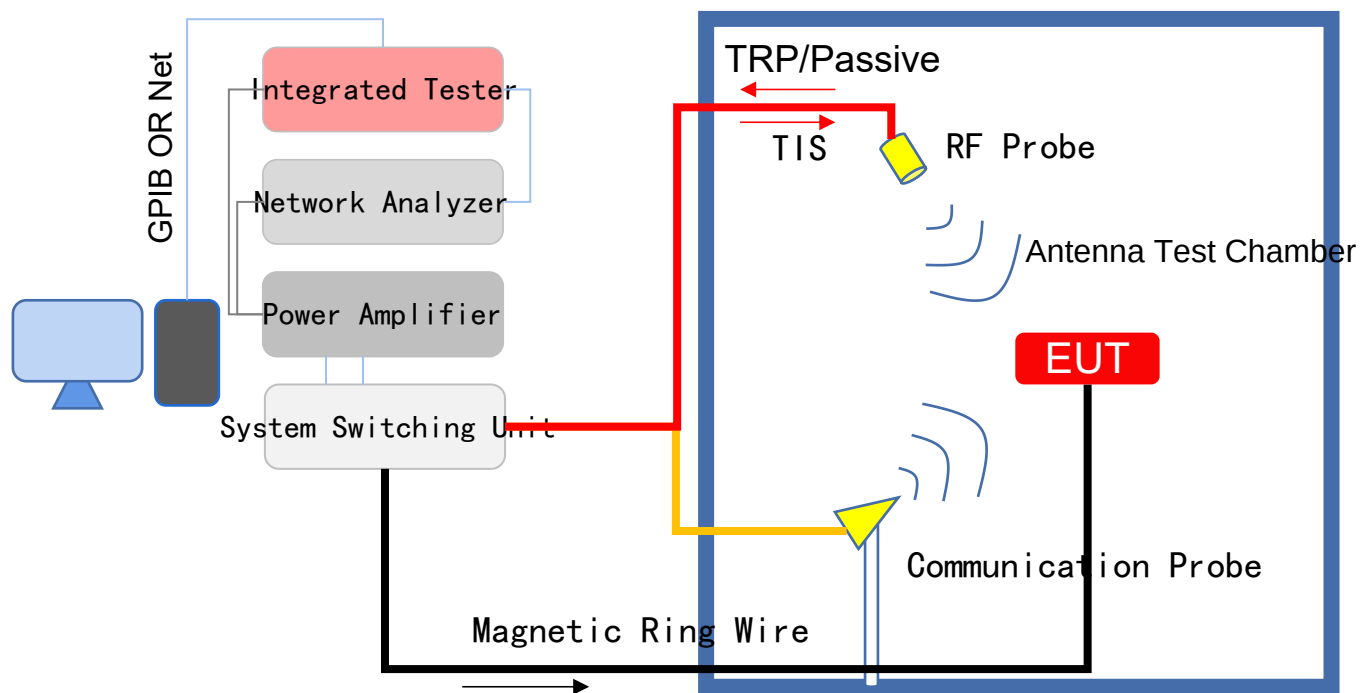


Onewave Test
OWT-1800 现场照片

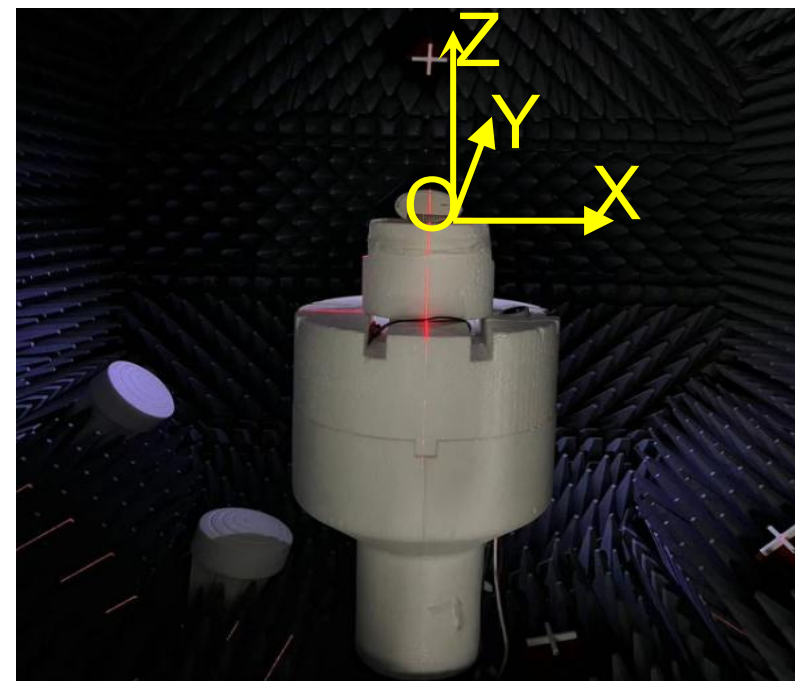


>>> Antenna Test Chamber

- Spherical Coordinate System GL-G-1



H Plane : XY
E1 Plane : XZ
E2 Plane : YZ



Project Overview



- Antennas: 1
- Type: On-board
- Network & Bands:
BT : 2400-2483MHz

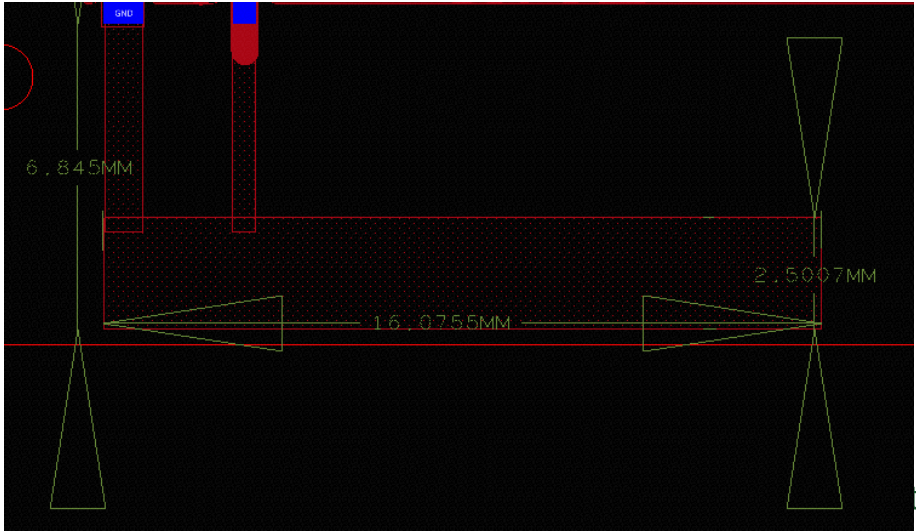
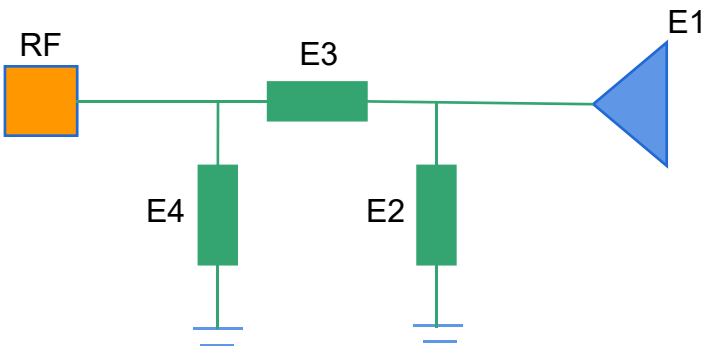


Prototype Image

>>> 天线匹配

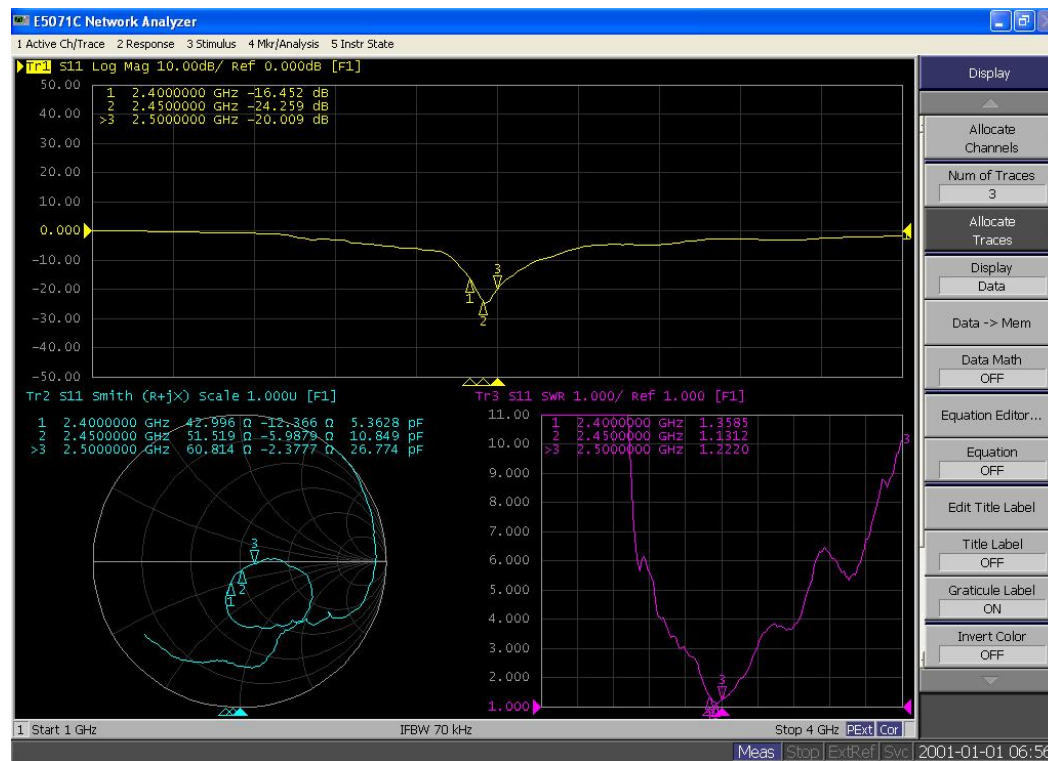
No.	R/L/C
E1	Antenna
E2	NC
E3	0R
E4	NC

Antenna dimensions L*W: 16.0755 mm * 6.845 mm





Passive Testing (S11/Smith/SWR)

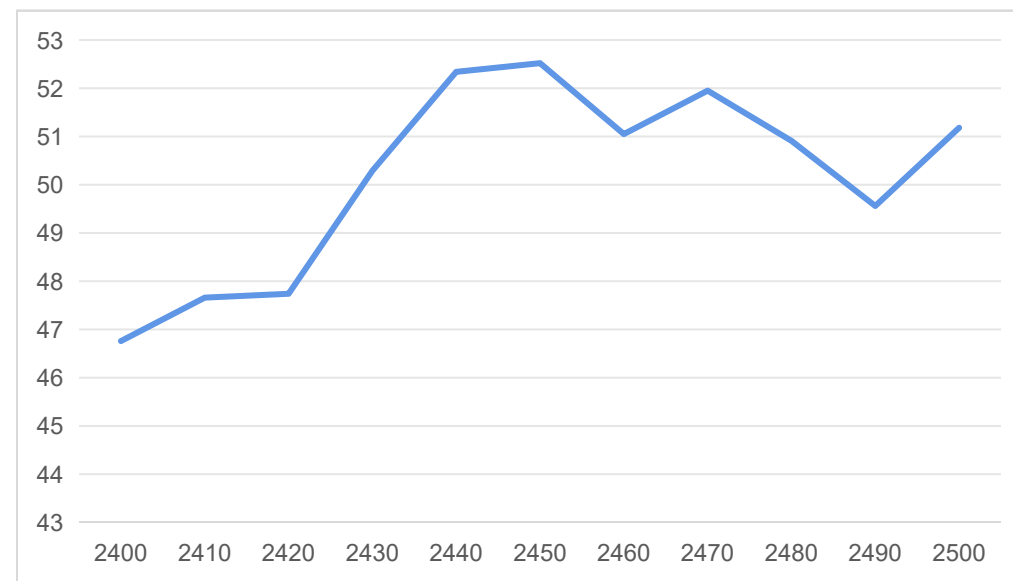




Passive Performance Test (Passive Efficiency / Gain)



Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	2.83	-3.3	46.76
2410	2.83	-3.22	47.66
2420	2.74	-3.21	47.74
2430	2.78	-2.99	50.29
2440	2.77	-2.81	52.34
2450	2.97	-2.8	52.52
2460	3.2	-2.92	51.05
2470	3.51	-2.84	51.95
2480	3.83	-2.93	50.91
2490	4.1	-3.05	49.56
2500	4.17	-2.91	51.18





Thank you

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