

专业的**RF**研发机构



深圳市德威玛通讯设备有限公司

天线测试报告

1

2

item:CF615

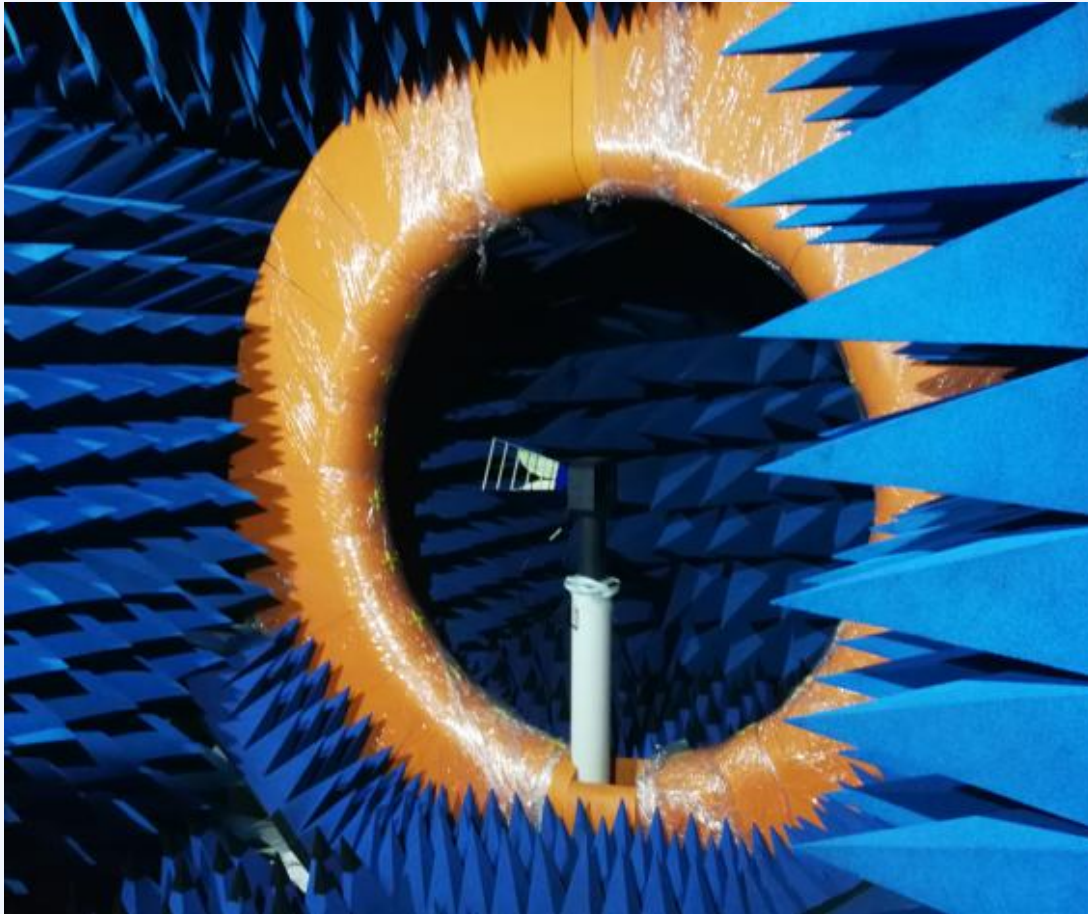
3

Band: BT

4

Note:

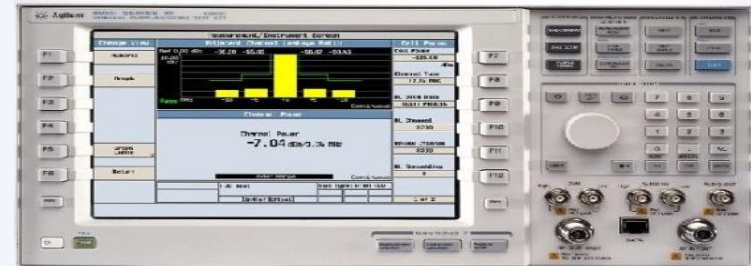
Testing equipment



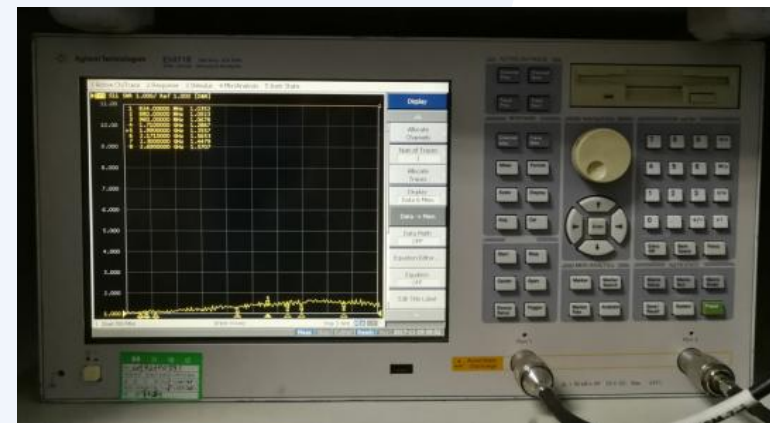
A 24-probe microwave chamber



R&S CMW500



Agilent E5515C



Agilent Technologies E5071B

Band

BT:2400~2500MHz

test
Engineer

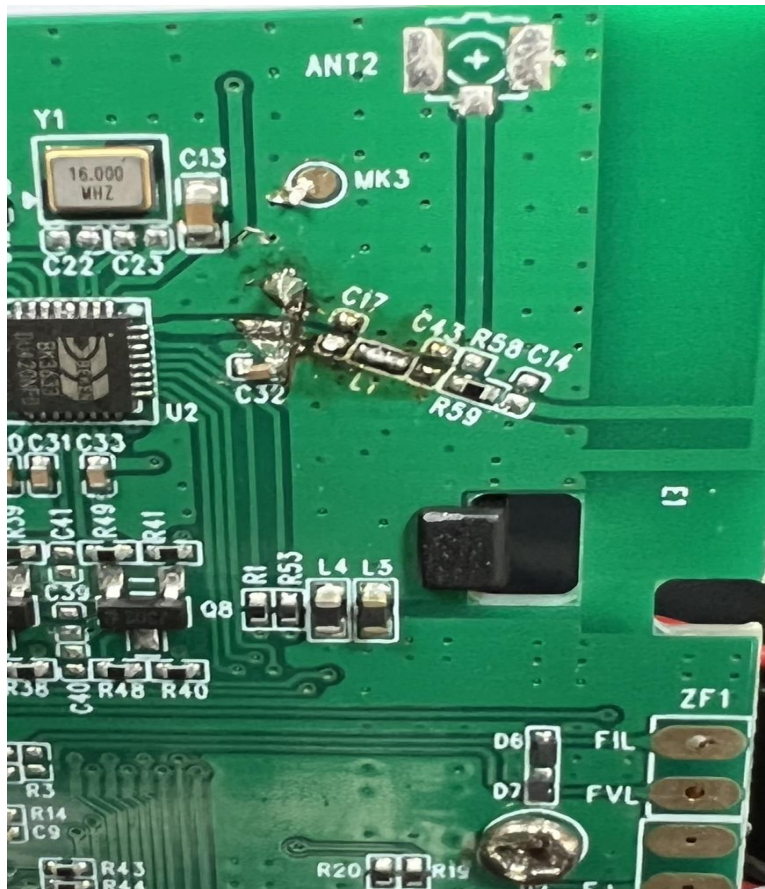
覃球铭

Ver.

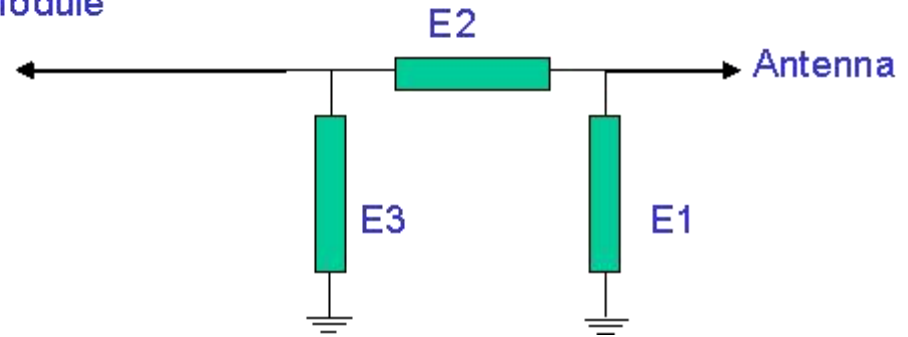
DWM-
V2.0



BT Antenna matching circuit

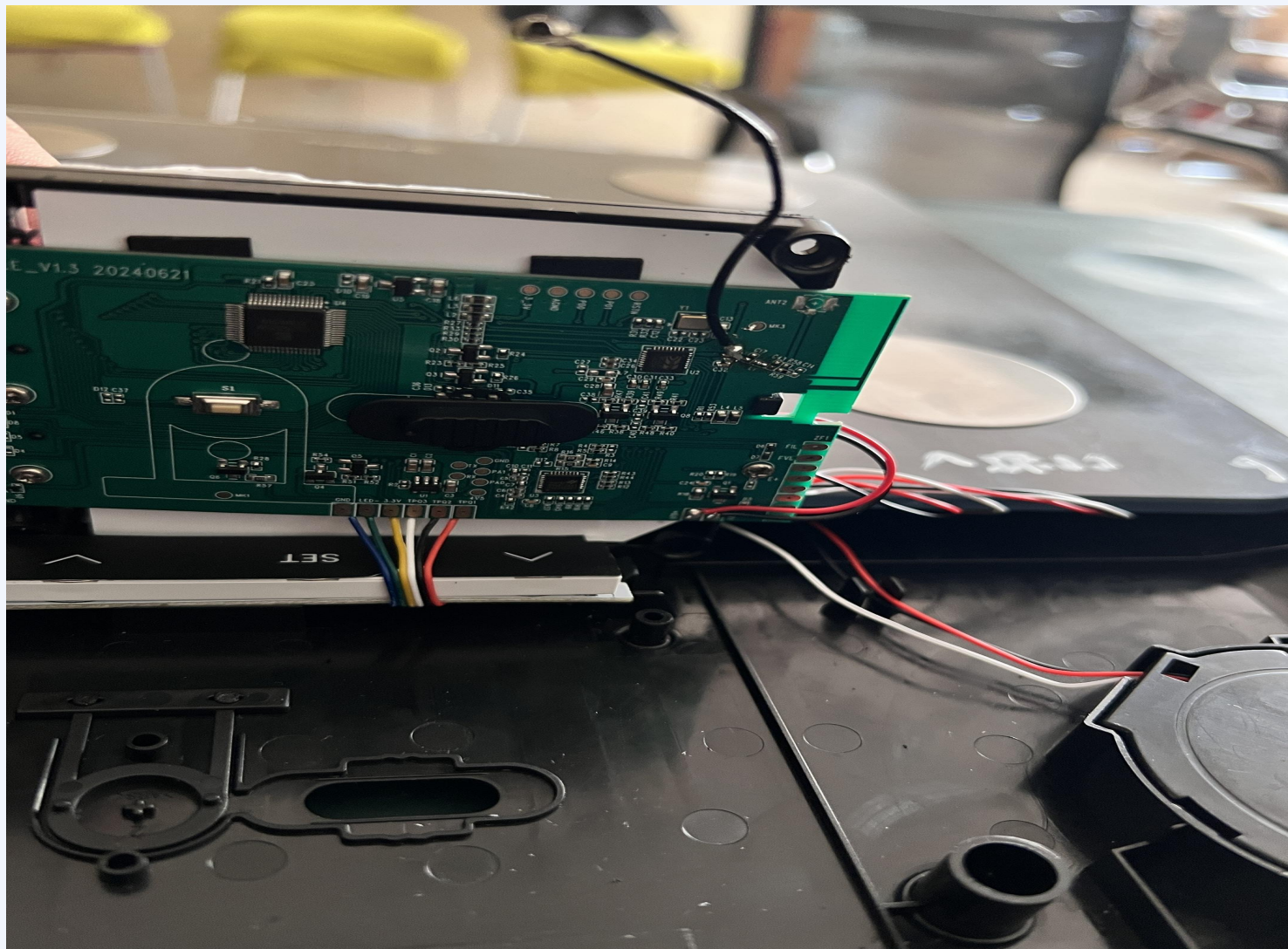


RF Module

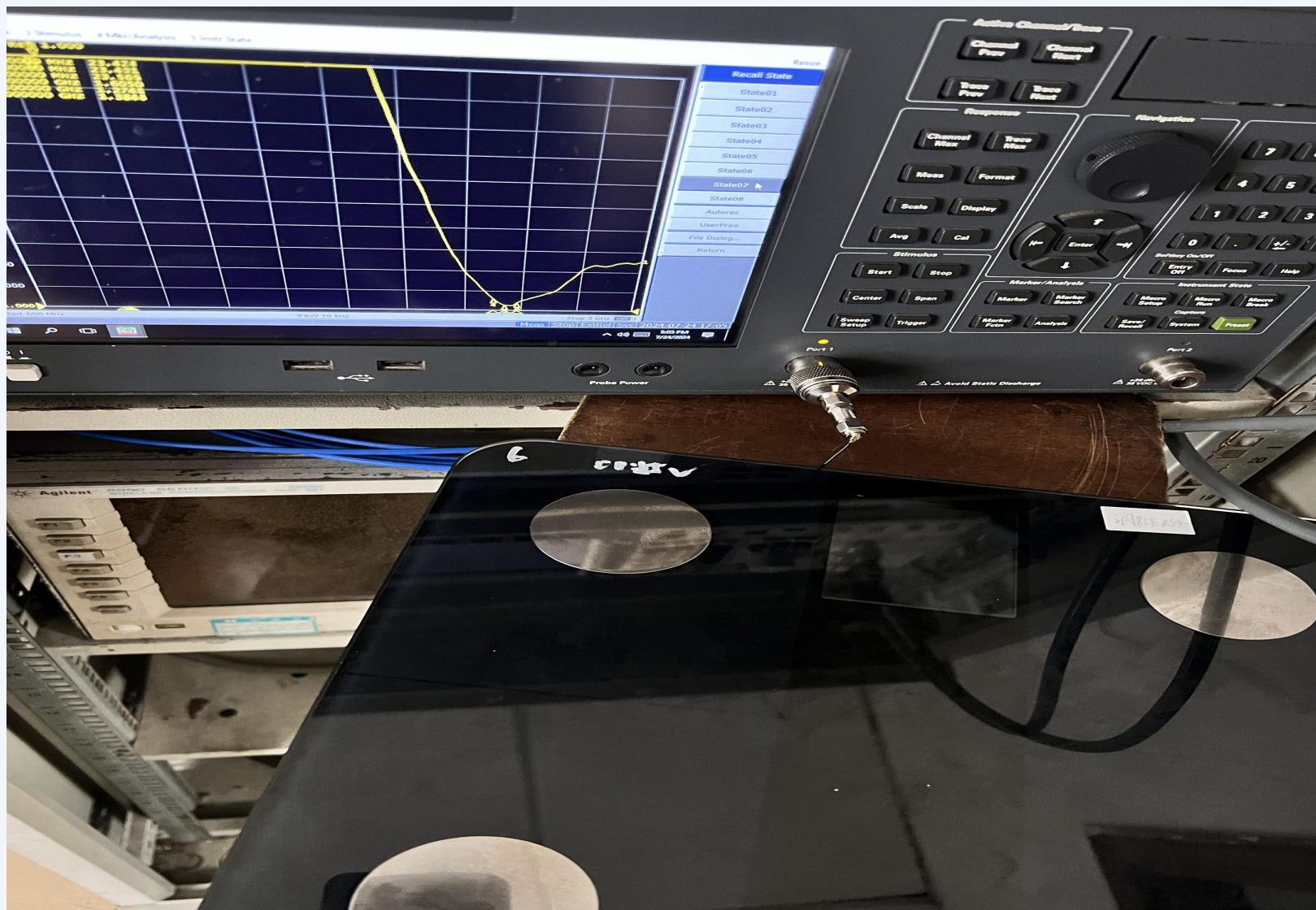


Element	Value	Vender
E1(0402)	NC	
E2(0402)	0Ω	
E3(0402)	NC	

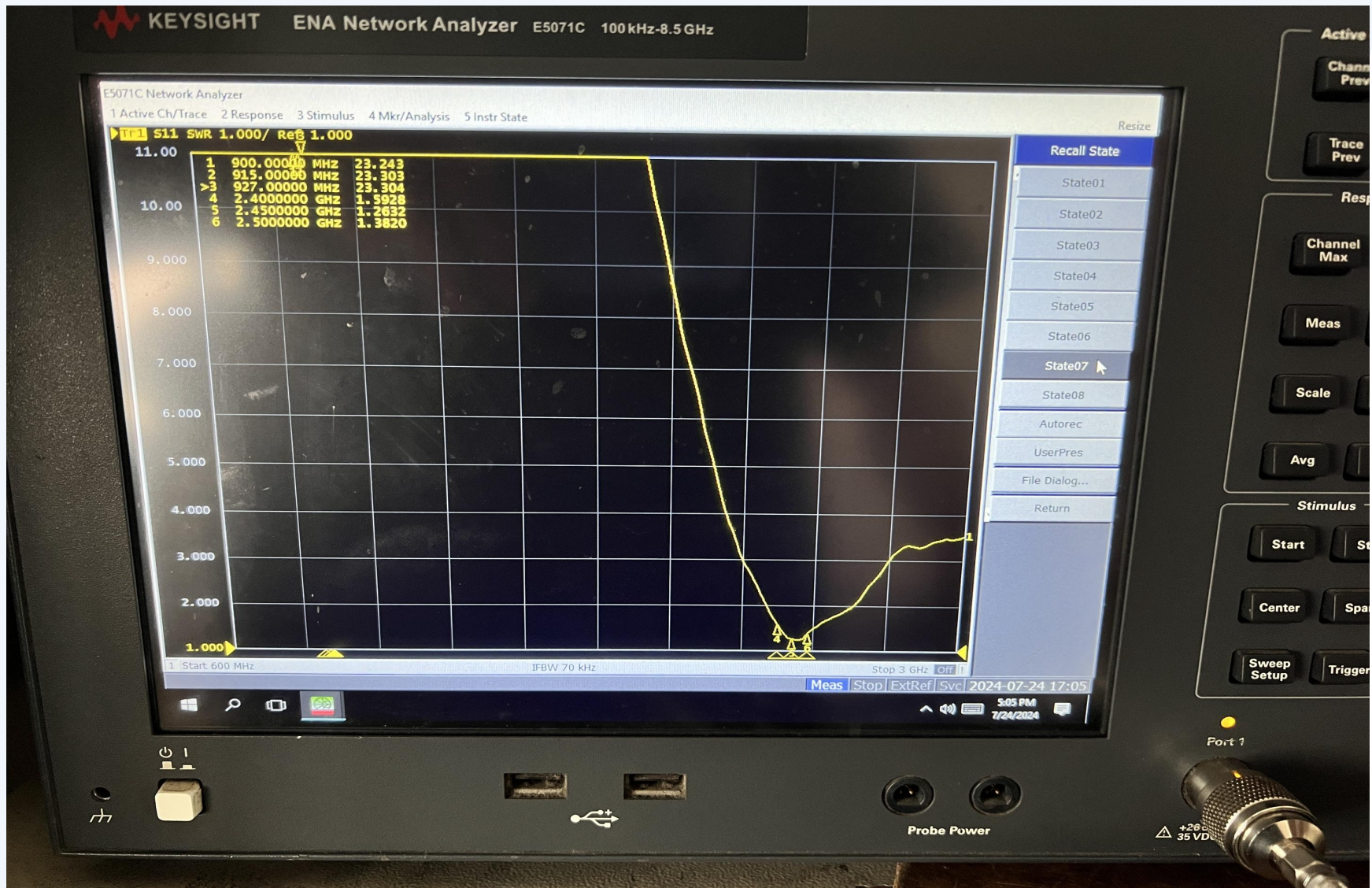
BT Antenna position



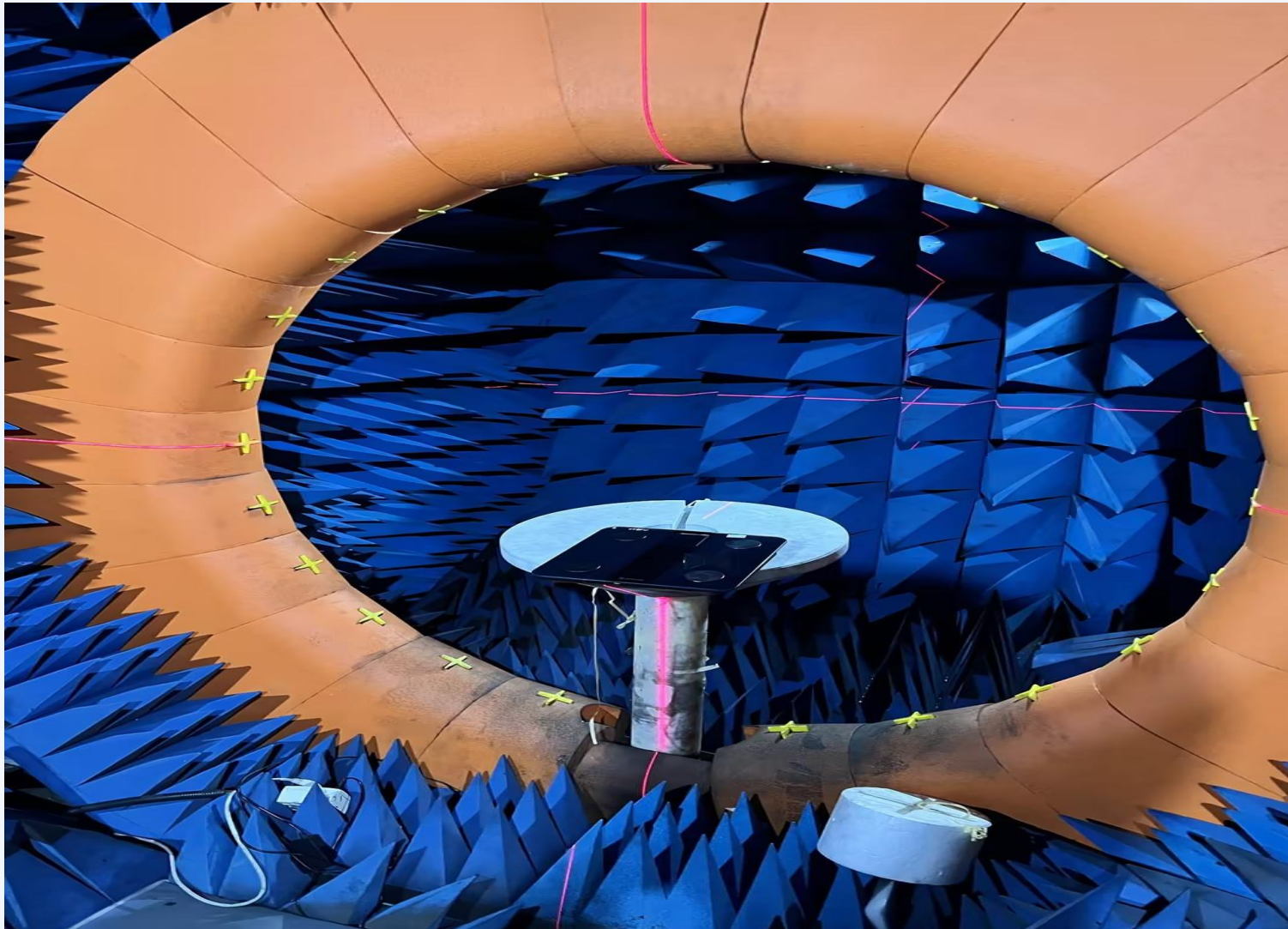
BT Antenna passive test



BT Antenna passive test



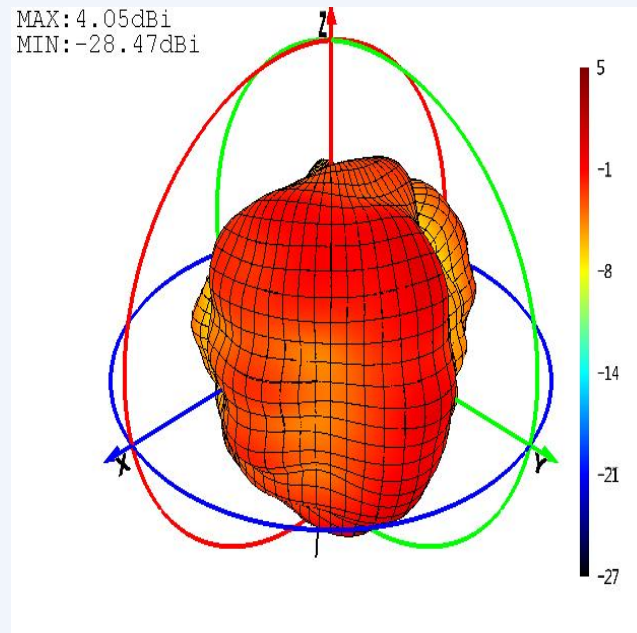
BT Antenna OTA



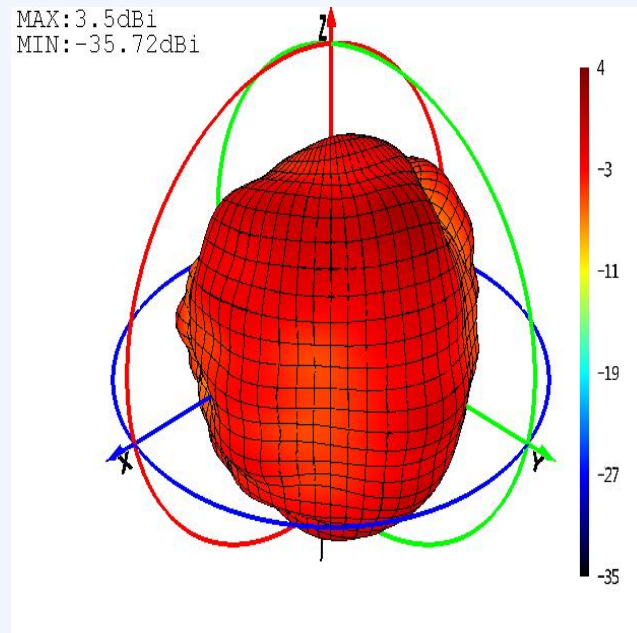
BT Antenna Gain and Efficiency

Frequency 频率(MHz)	Gain 增益(dBi)	MinGain 最小增益(dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	4.05	-28.47	-3.58	43.83
2410.00	4.21	-28.21	-3.25	47.36
2420.00	4.01	-31.51	-3.17	48.24
2430.00	3.83	-28.36	-3.03	49.77
2440.00	3.83	-30.48	-2.94	50.82
2450.00	3.50	-35.72	-2.95	50.75
2460.00	2.98	-36.12	-3.16	48.25
2470.00	2.75	-34.09	-3.07	49.32
2480.00	1.94	-28.42	-3.31	46.63
2490.00	1.71	-24.88	-3.49	44.82
2500.00	1.29	-23.93	-3.69	42.72

BT Antenna pattern (2400MHz)

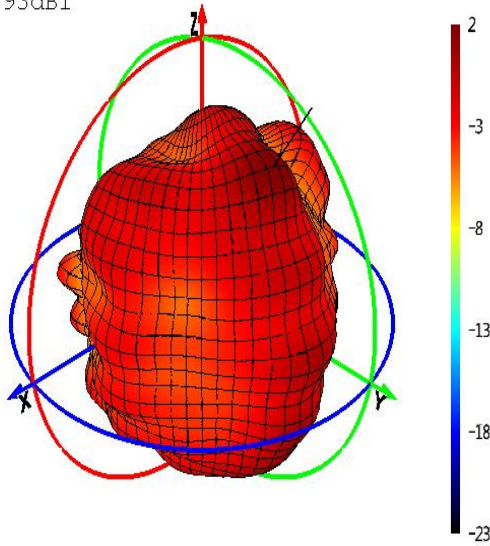


BT Antenna pattern (2450MHz)



BT Antenna pattern (2500MHz)

MAX:1.29dBi
MIN:-23.93dBi



專業的**RF**研發機構



Thank You !

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