

A N T T E S T R E P O R T

1

Customer Name: Shenzhen Radiomaster Co., Ltd

2

project item: 2.4G passive testing

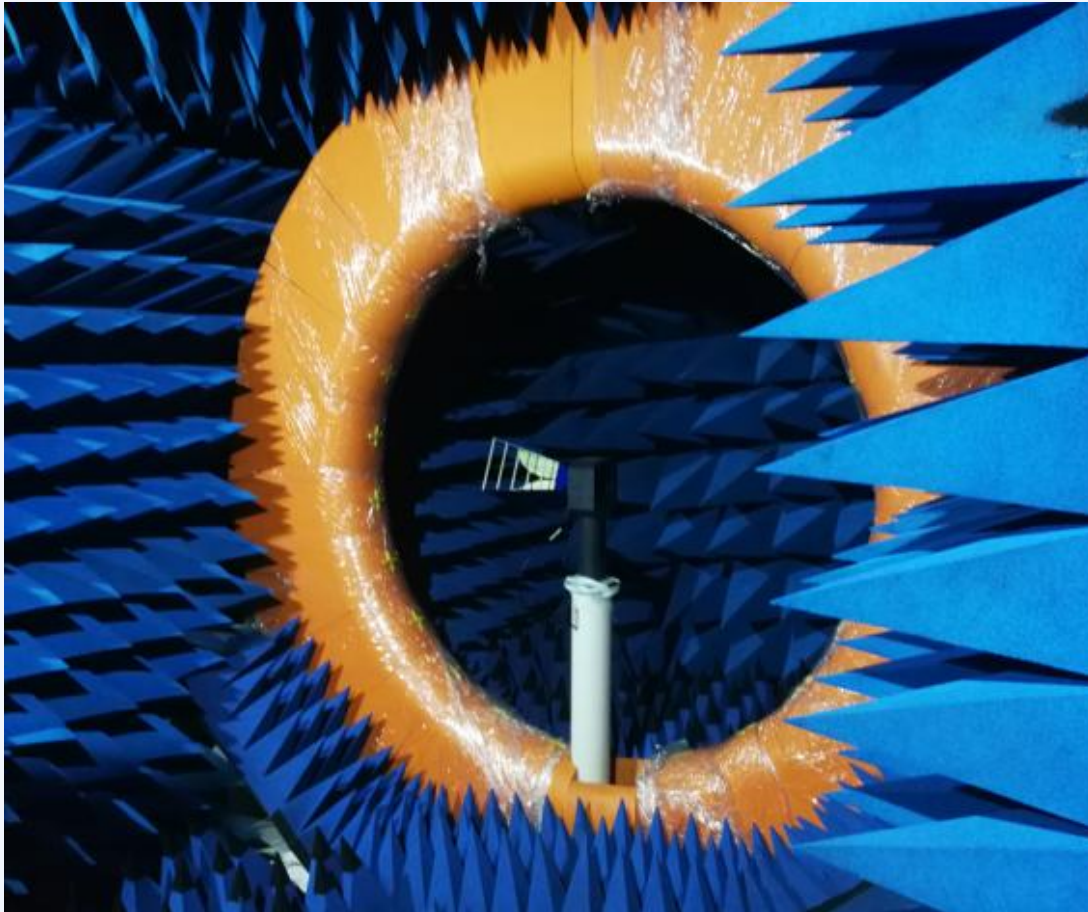
3

frequency: 2400MHz~2500MHz

ANT PHOTO:



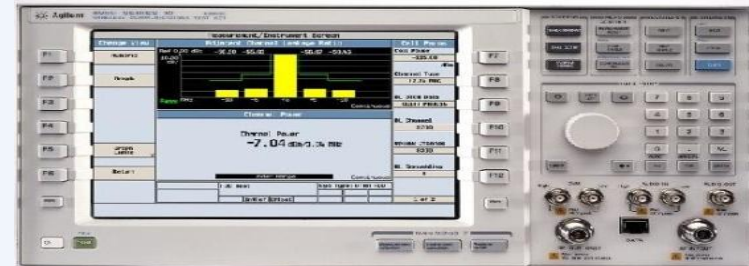
Testing instruments and equipment



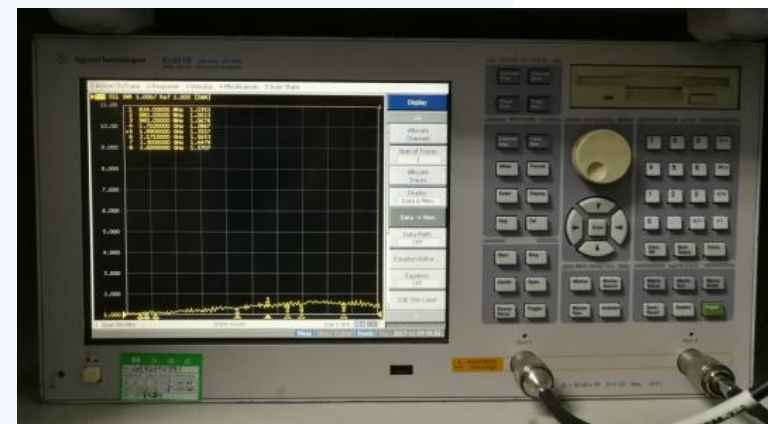
A 24-probe microwave chamber



R&S CMW500

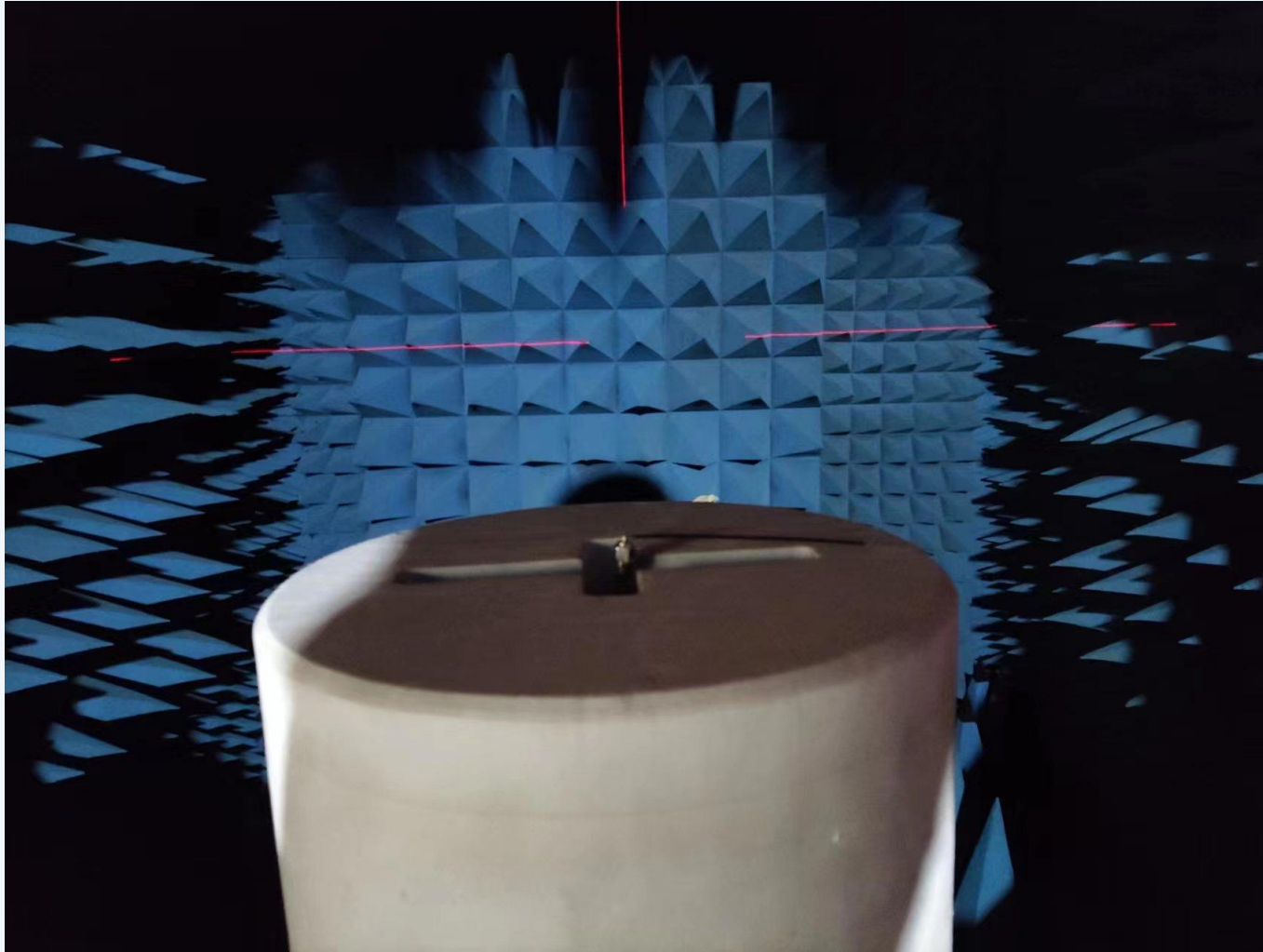


Agilent E5515C

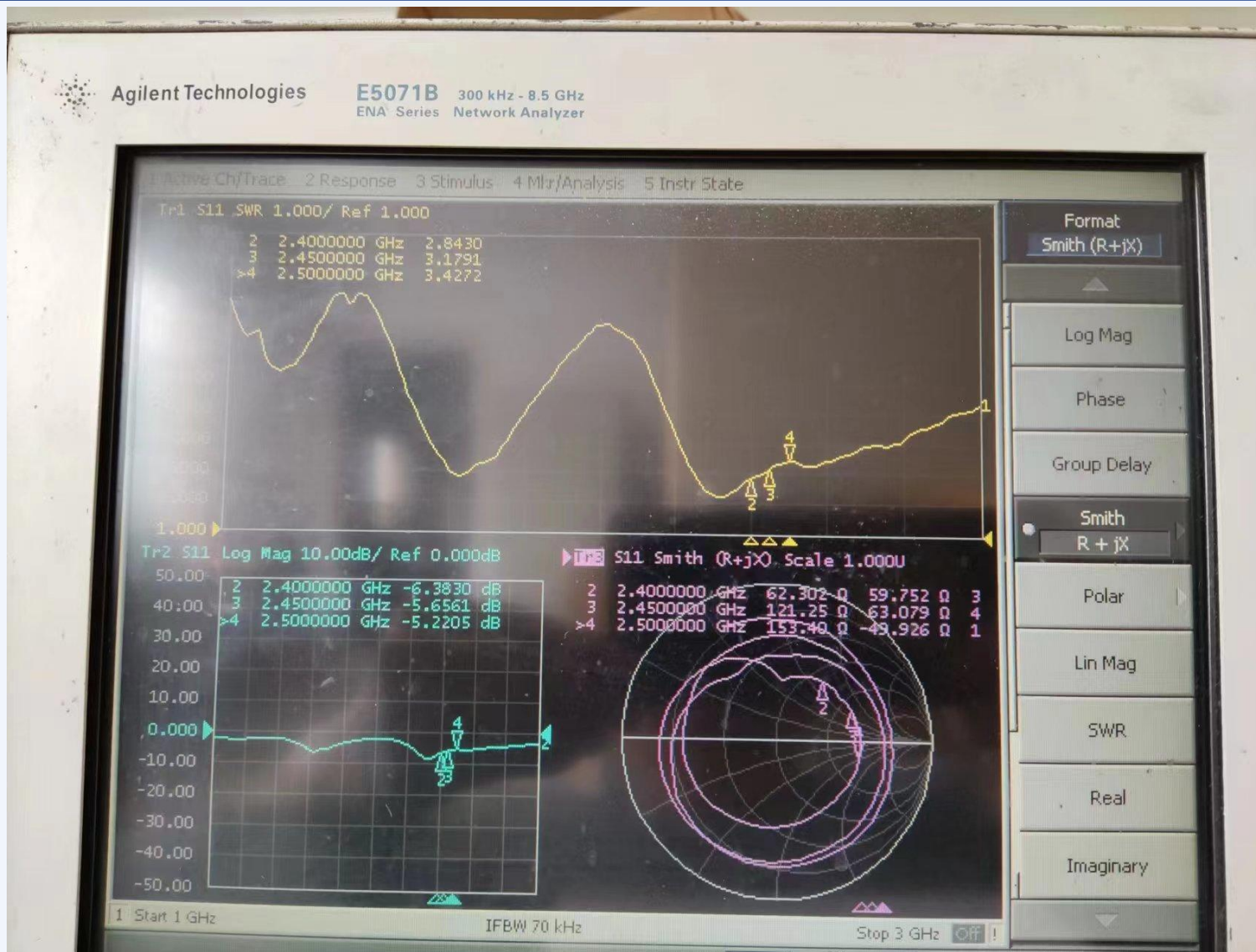


Agilent Technologies E5071B

Placement position of the object to be tested



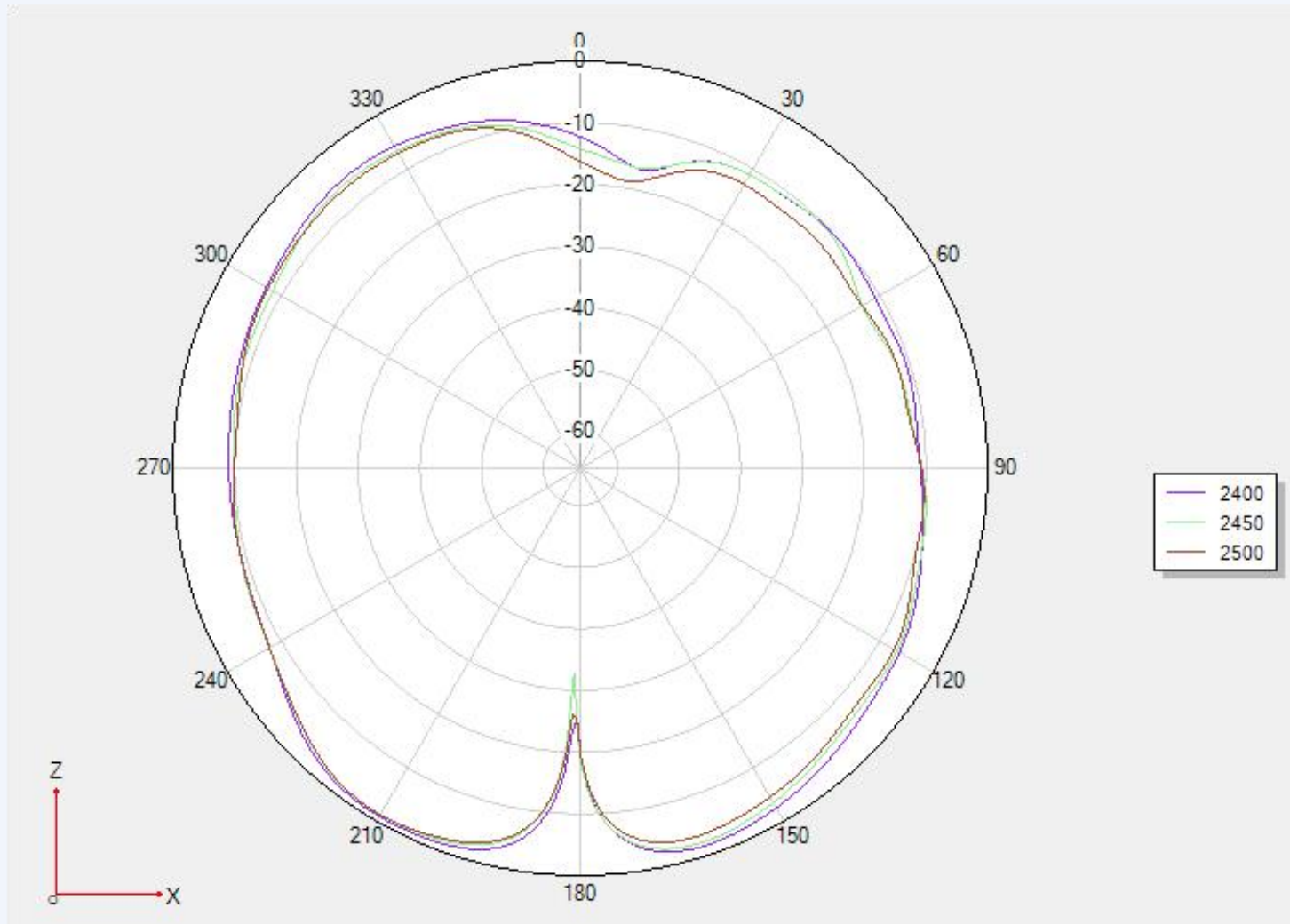
Standing Wave/Return Loss/Smith



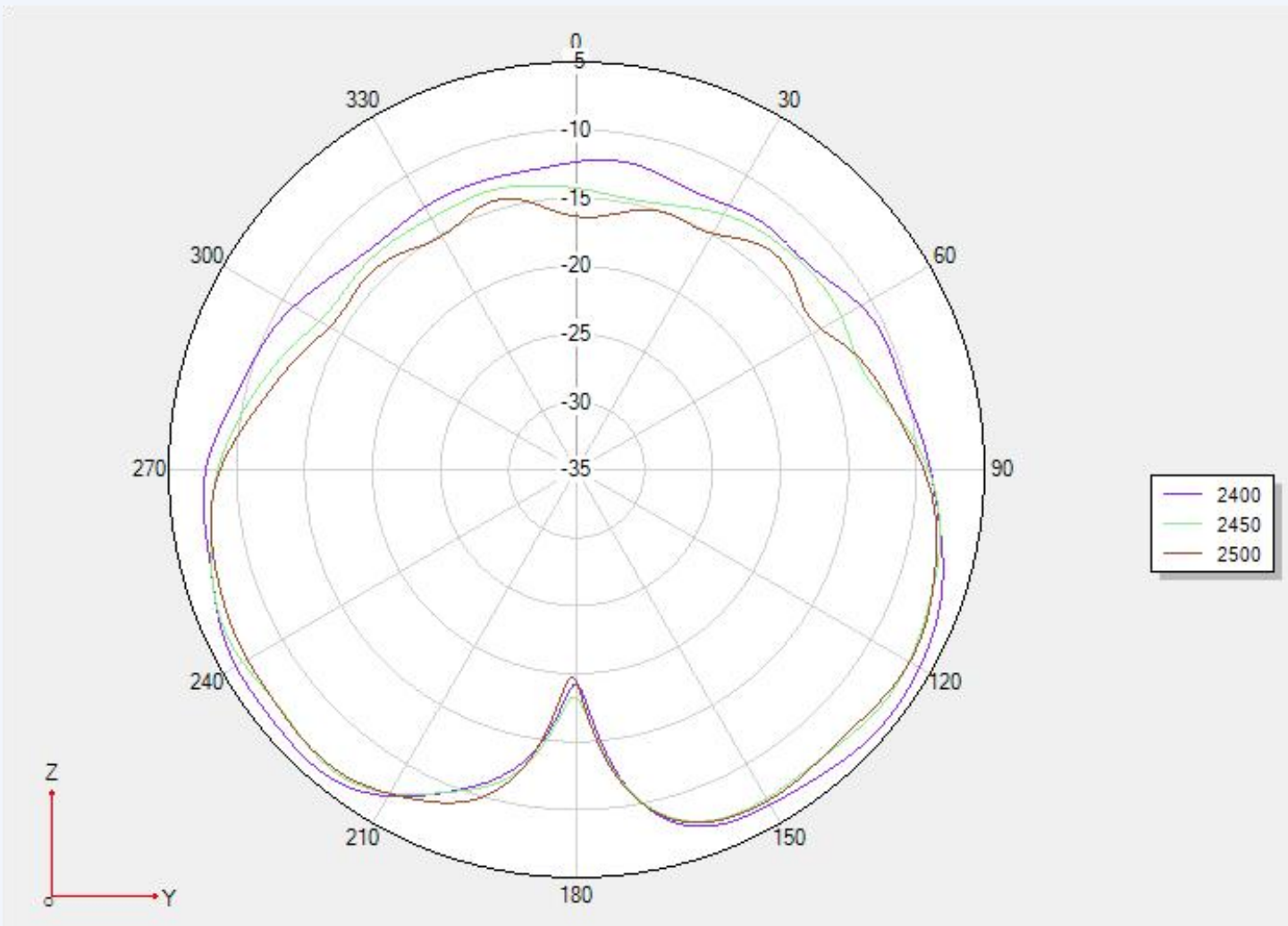
Efficiency/Gain

Frequency/MHz	Efficiency / dB	Efficiency / %	MaxGain/dBi
2400	-5.47	28.38	-0.5
2410	-5.64	27.29	-0.98
2420	-5.6	27.54	-0.7
2430	-5.51	28.12	-0.27
2440	-5.74	26.67	-0.75
2450	-5.75	26.61	-0.89
2460	-5.76	26.55	-0.78
2470	-5.94	25.47	-1.06
2480	-6.05	24.83	-1.23
2490	-6.05	24.83	-0.69
2500	-6.24	23.77	-0.88

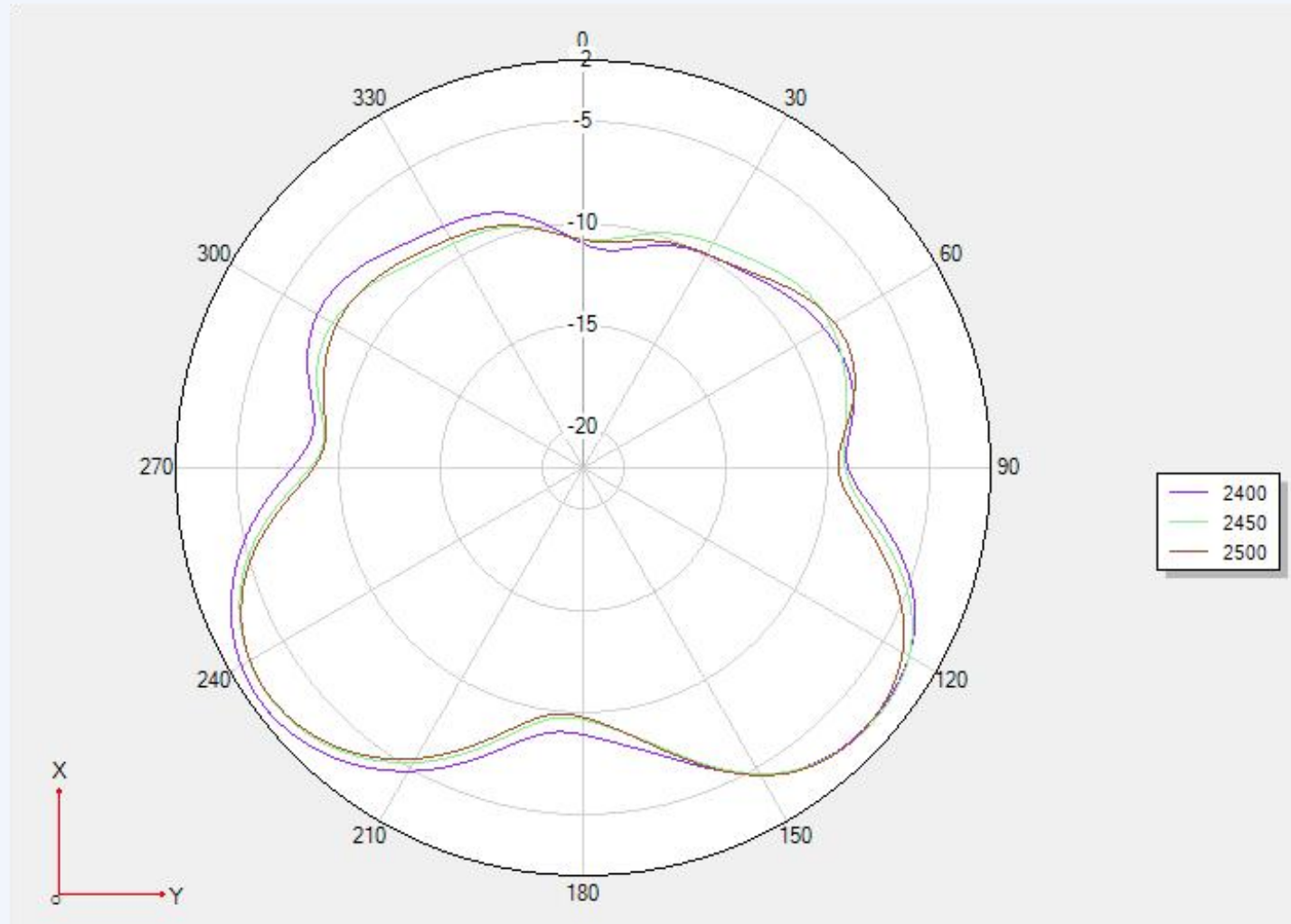
Phi 0° Directional pattern



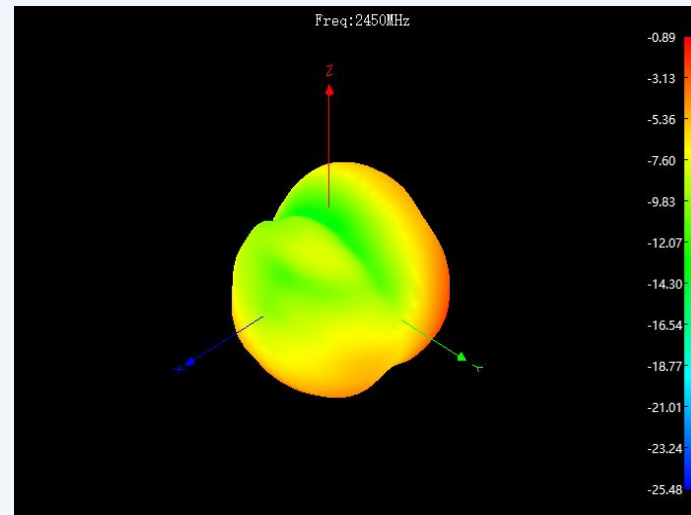
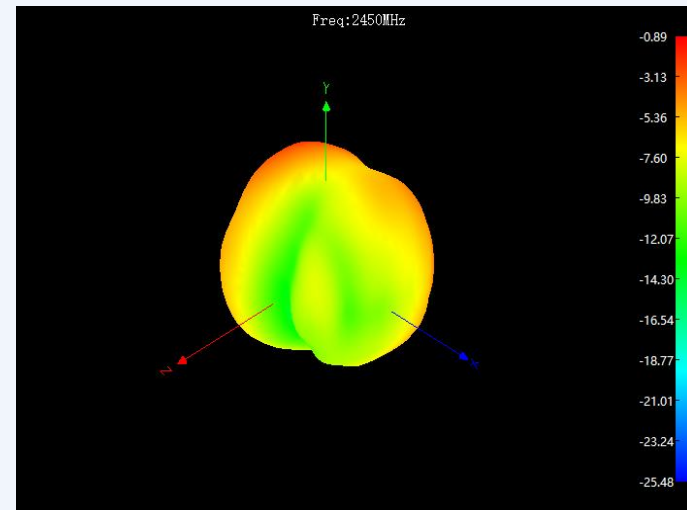
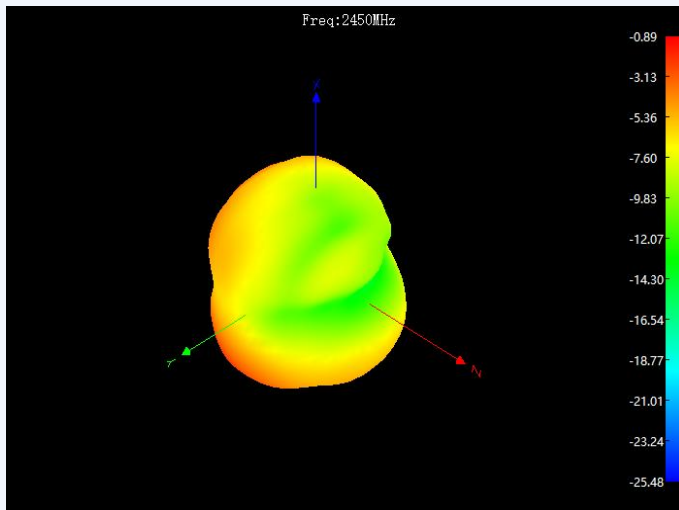
Phi 90° Directional pattern



Theta 90° Directional pattern



3D directional map



Professional RF research and development institutions



Thank You !

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