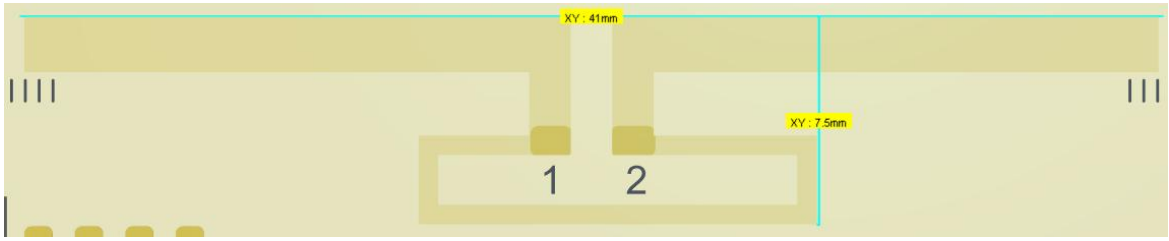
Antenna Coding：ANT-BBNCNC24018
Antenna Type：PCB onboard Antenna
Model of the DUT：SE-1160R
Antenna Manufacturer：Shenzhen Minew Technologies Co., Ltd.

1、Technical Specification

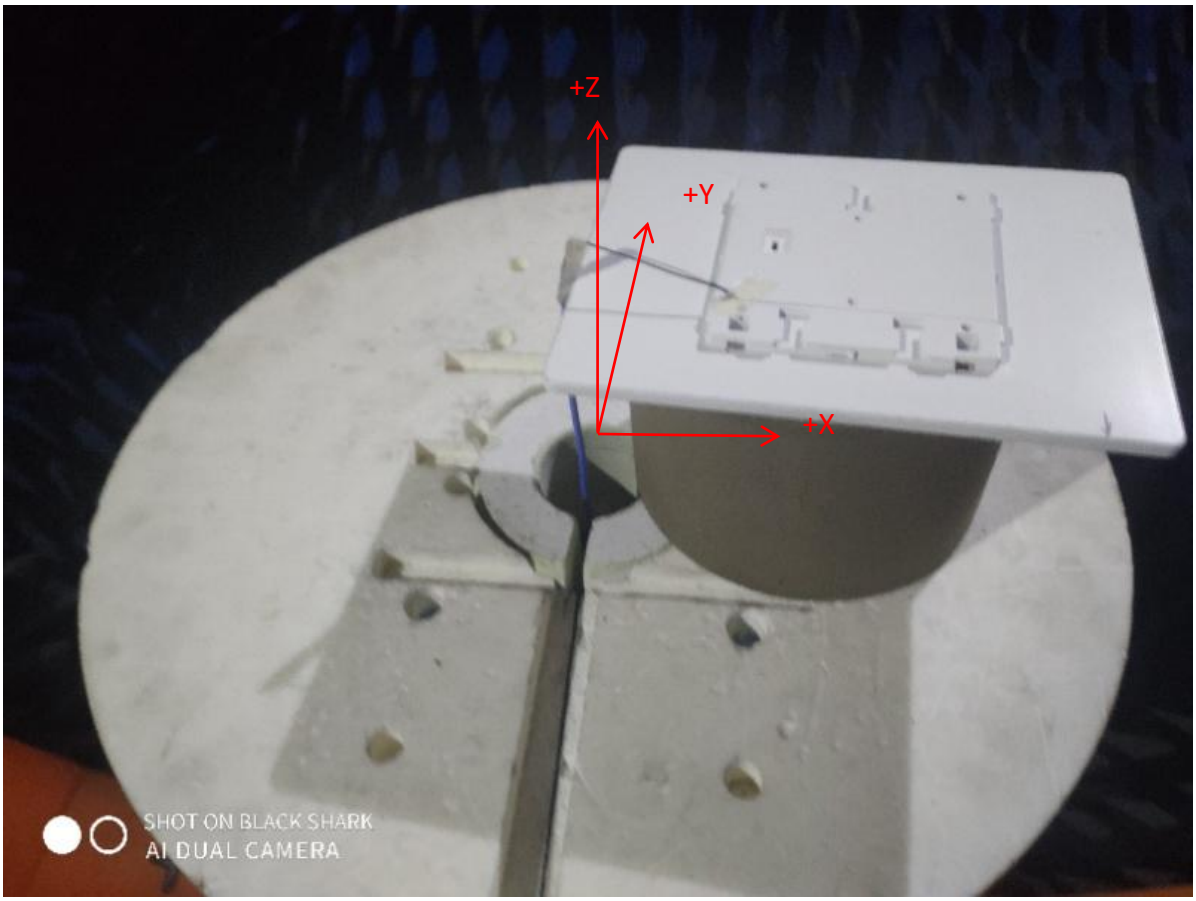
Electrical Specifications	
Frequency Range （MHz）	2400-2480
Input Impedance （Ω）	50
Return Loss（dB）	＜-10
VSWR	＜2
Peak Gain （dBi）	6.74
Polarization Type	Linear polarization
Mechanical Specifications	
Antenna Size (mm)	41*7.5mm
Radiator	Cuprum

2、The shape and size of the antenna



3、 The result of the test

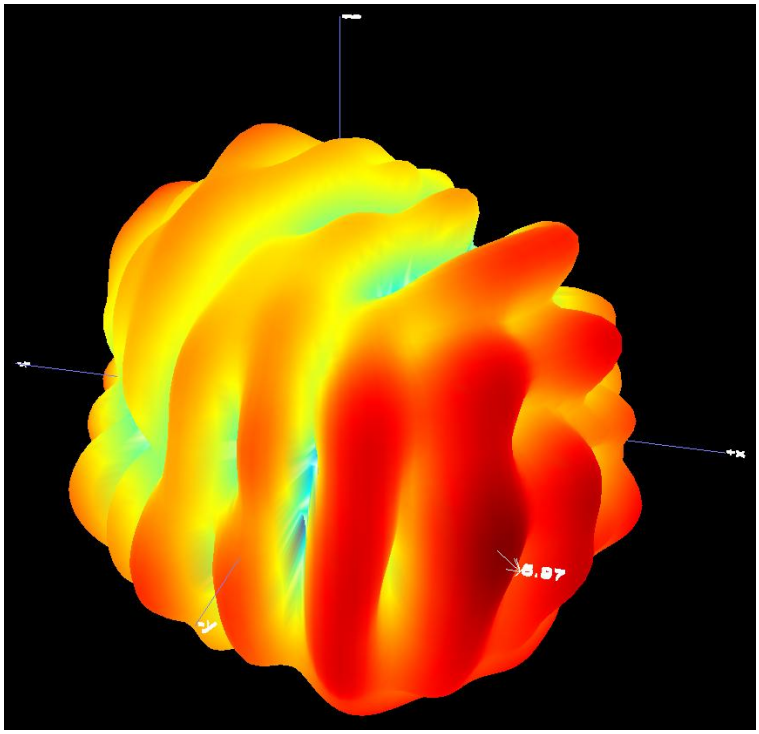
3.1 Test Environment



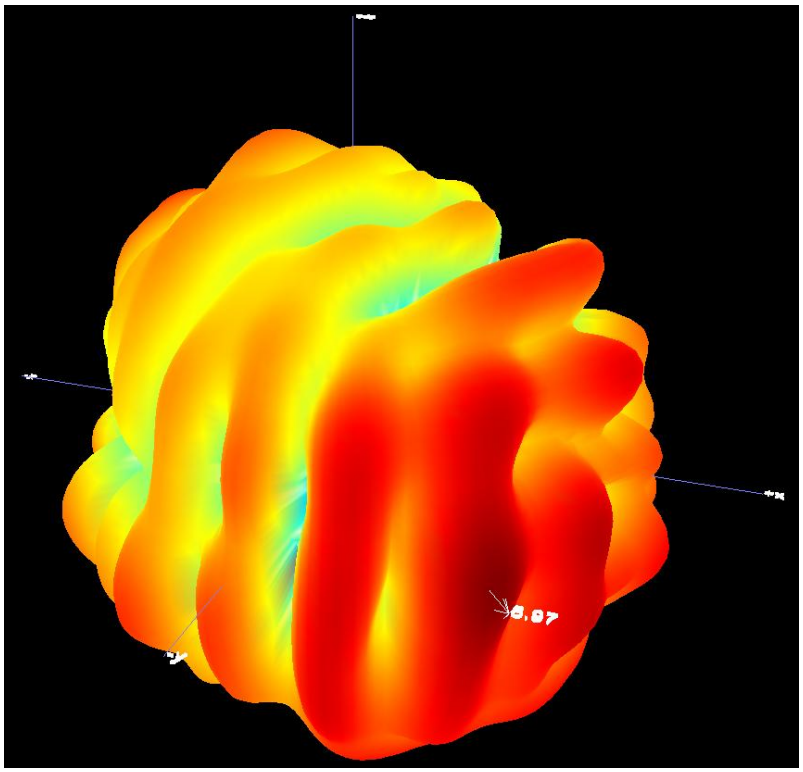
3.2 Gain and Efficiency

Frequency	Efficiency(%)	Efficiency (dB)	Gain(dBi)
2400	43.95%	-3.57	5.56
2402	43.71%	-3.59	5.60
2404	43.49%	-3.62	5.46
2406	43.20%	-3.65	5.30
2408	43.09%	-3.66	5.39
2410	43.39%	-3.63	5.61
2412	43.91%	-3.57	5.70
2414	44.20%	-3.55	5.60
2416	44.04%	-3.56	5.51
2418	43.72%	-3.59	5.60
2420	43.48%	-3.62	5.71
2422	43.66%	-3.60	5.73
2424	43.78%	-3.59	5.63
2426	43.81%	-3.58	5.65
2428	44.23%	-3.54	5.88
2430	45.14%	-3.45	6.14
2432	45.66%	-3.40	6.14
2434	45.80%	-3.39	6.04
2436	45.43%	-3.43	6.04
2438	45.08%	-3.46	6.16
2440	44.97%	-3.47	6.20
2442	44.89%	-3.48	6.07
2444	44.54%	-3.51	5.93
2446	44.17%	-3.55	5.97
2448	44.26%	-3.54	6.15
2450	44.74%	-3.49	6.22
2452	45.41%	-3.43	6.20
2454	45.57%	-3.41	6.19
2456	45.50%	-3.42	6.30
2458	45.59%	-3.41	6.45
2460	45.84%	-3.39	6.47
2462	45.99%	-3.37	6.41
2464	45.84%	-3.39	6.43
2466	45.72%	-3.40	6.57
2468	45.95%	-3.38	6.71
2470	46.42%	-3.33	6.74
2472	46.20%	-3.35	6.62
2474	45.61%	-3.41	6.57
2476	45.19%	-3.45	6.65
2478	45.13%	-3.46	6.70
2480	45.27%	-3.44	6.64

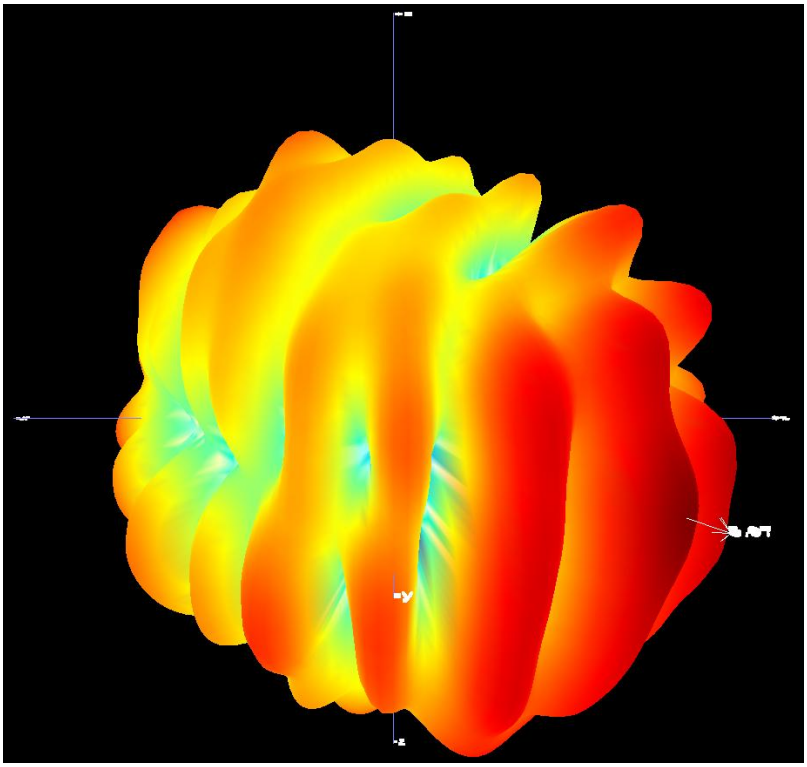
3.3 3D Polar Plot



2402MHz



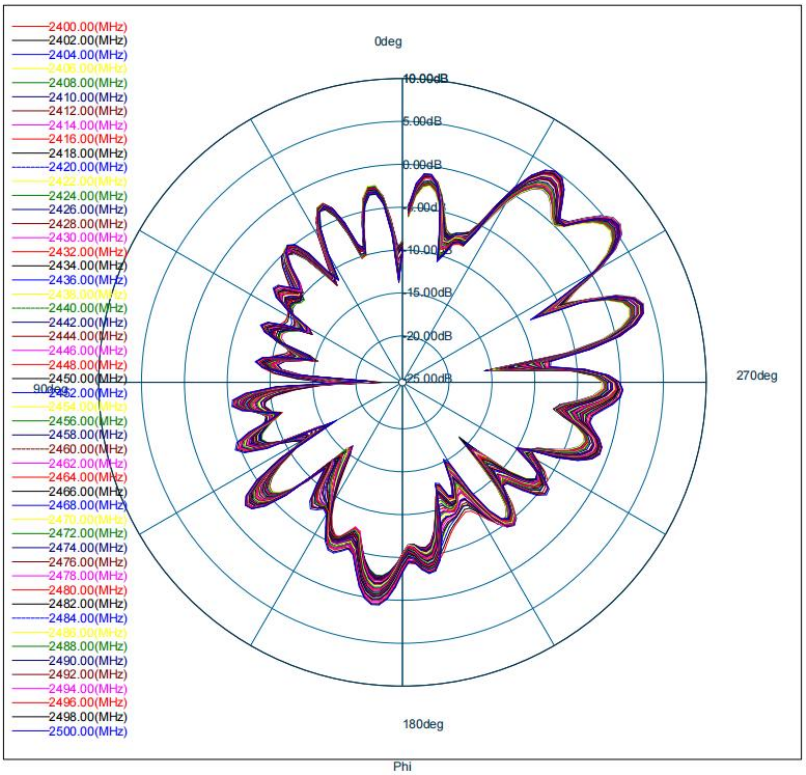
2440MHz



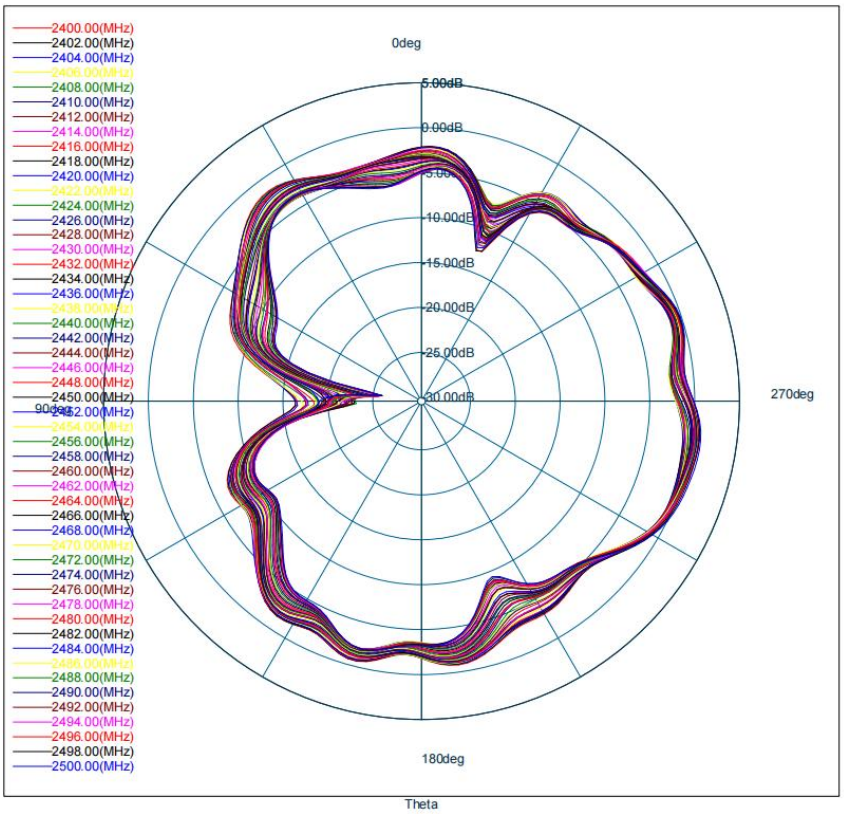
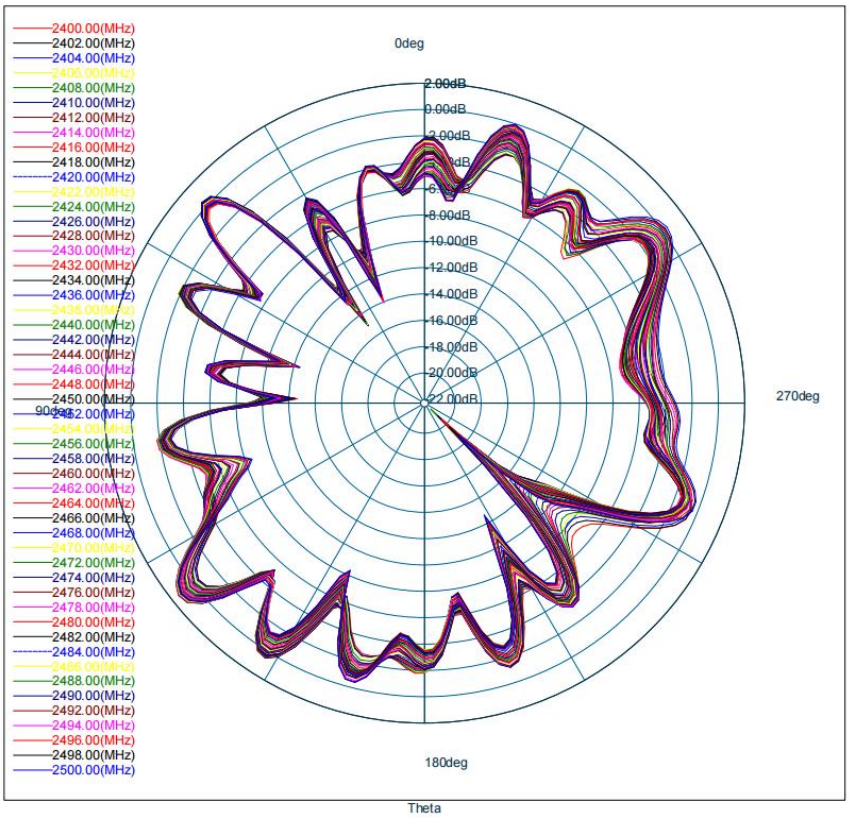
2480MHz

3.4 2D Radiation Pattern

（1）E1，XZ Plane，phi=0



（2）E2，YZ Plane，phi=90°



（3）H，XY plane，theta=90°