

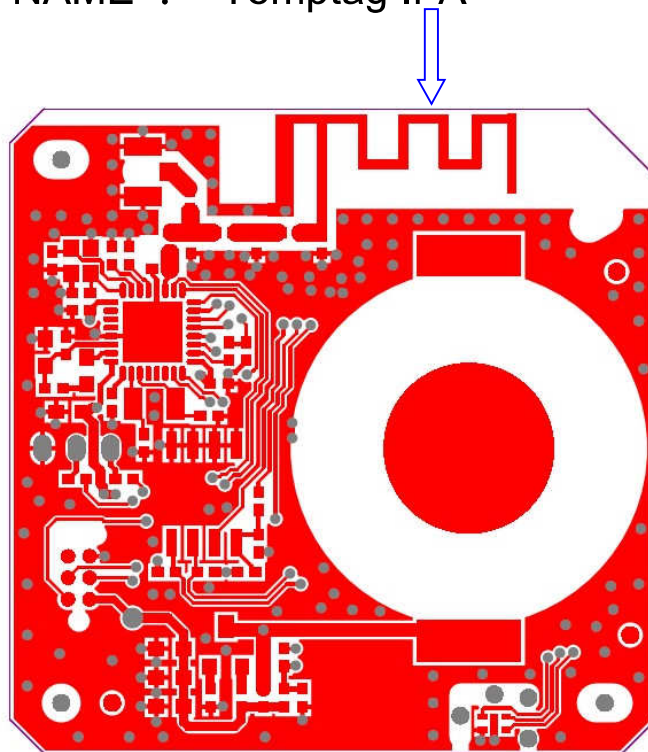
PCB Antenna of Temp tag Specification

CUSTOMER/PROJECT : Ember

CUSTOMER P.N./ : TTG2-IFA

ANTENNA TYPE: IFA Antenna on PCB

MODEL NAME : Temptag IFA



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PCB Antenna of Temp tag

Specification

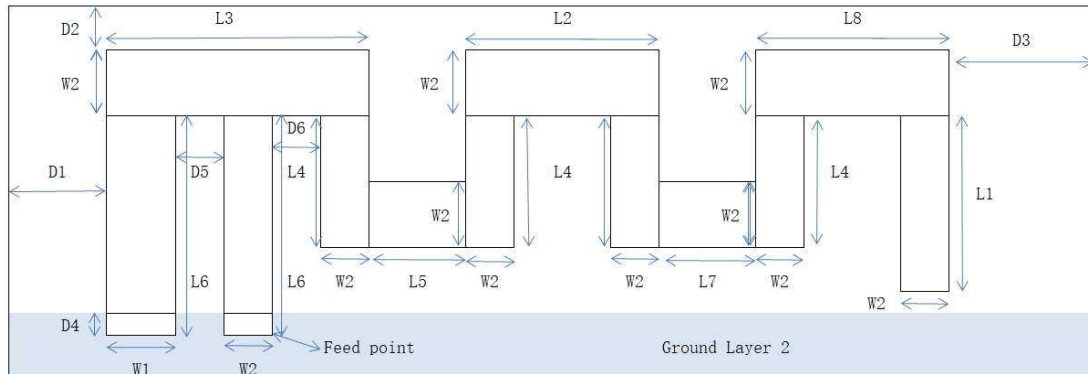


Figure :Antenna Dimensions

L1	4.15mm
L2	2.90mm
L3	5.29mm
L4	2.69mm
L5	1.91mm
L6	4.84mm
L7	1.43mm
L8	2.57mm
W1	1.00mm
W2	0.50mm
D1	3.37mm
D2	0.34mm
D3	4.00mm
D4	0.70mm
D5	1.40mm
D6	1.88mm



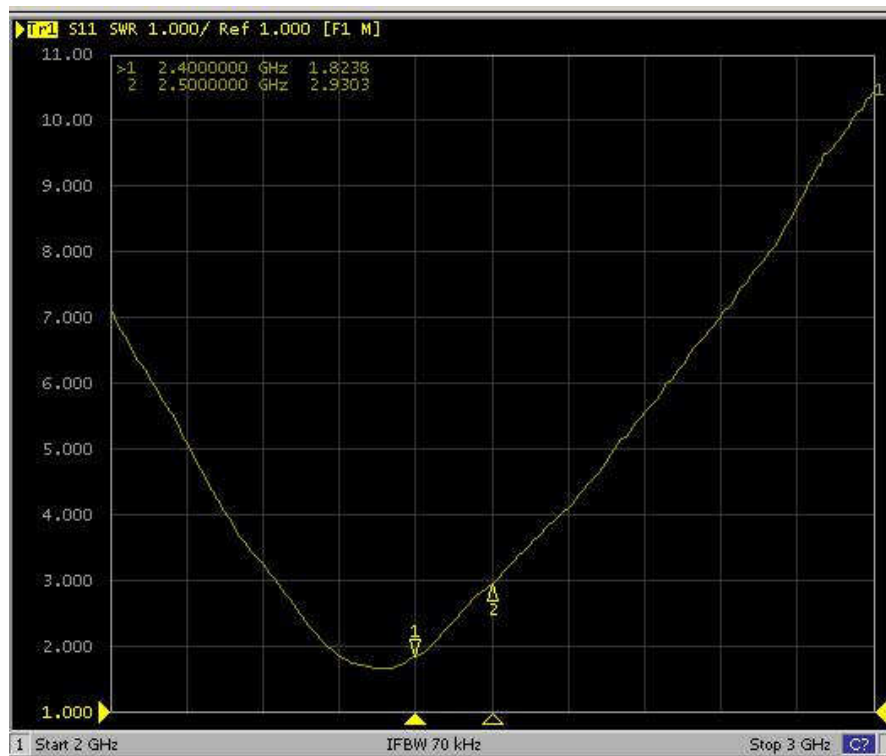
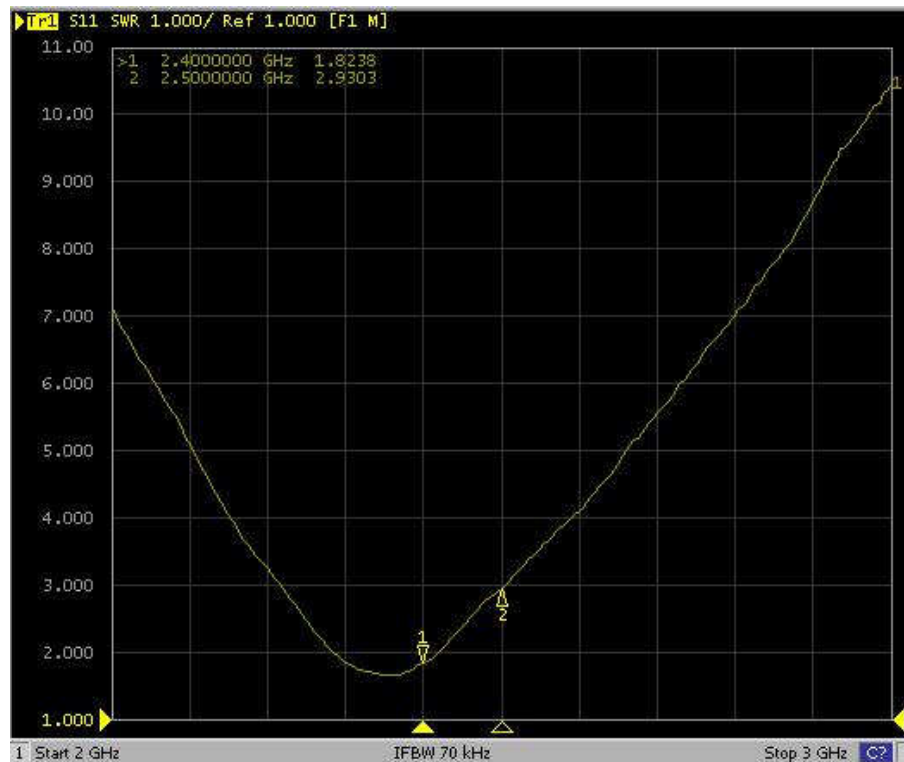
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Test Data and Report (from ShangHai Jesoncom)

Test Report

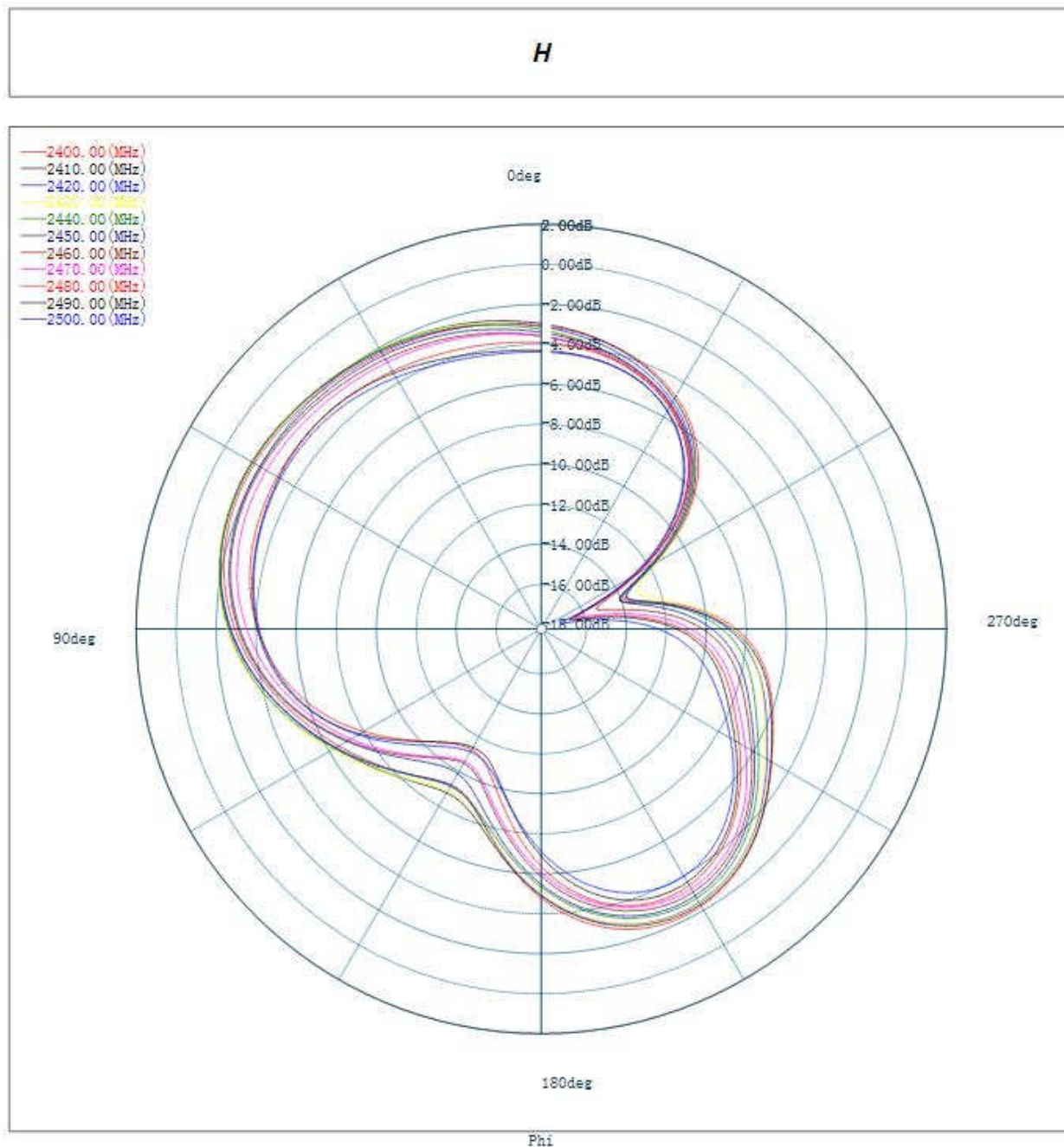
Customer name	
Several tests	
Test frequency band	2.4G
Test category:	Free space coupling test
tester	DX
testTime	2025.7.25
testing environment	SATIMA SG64 darkroom
Report version	T: A

1、S11

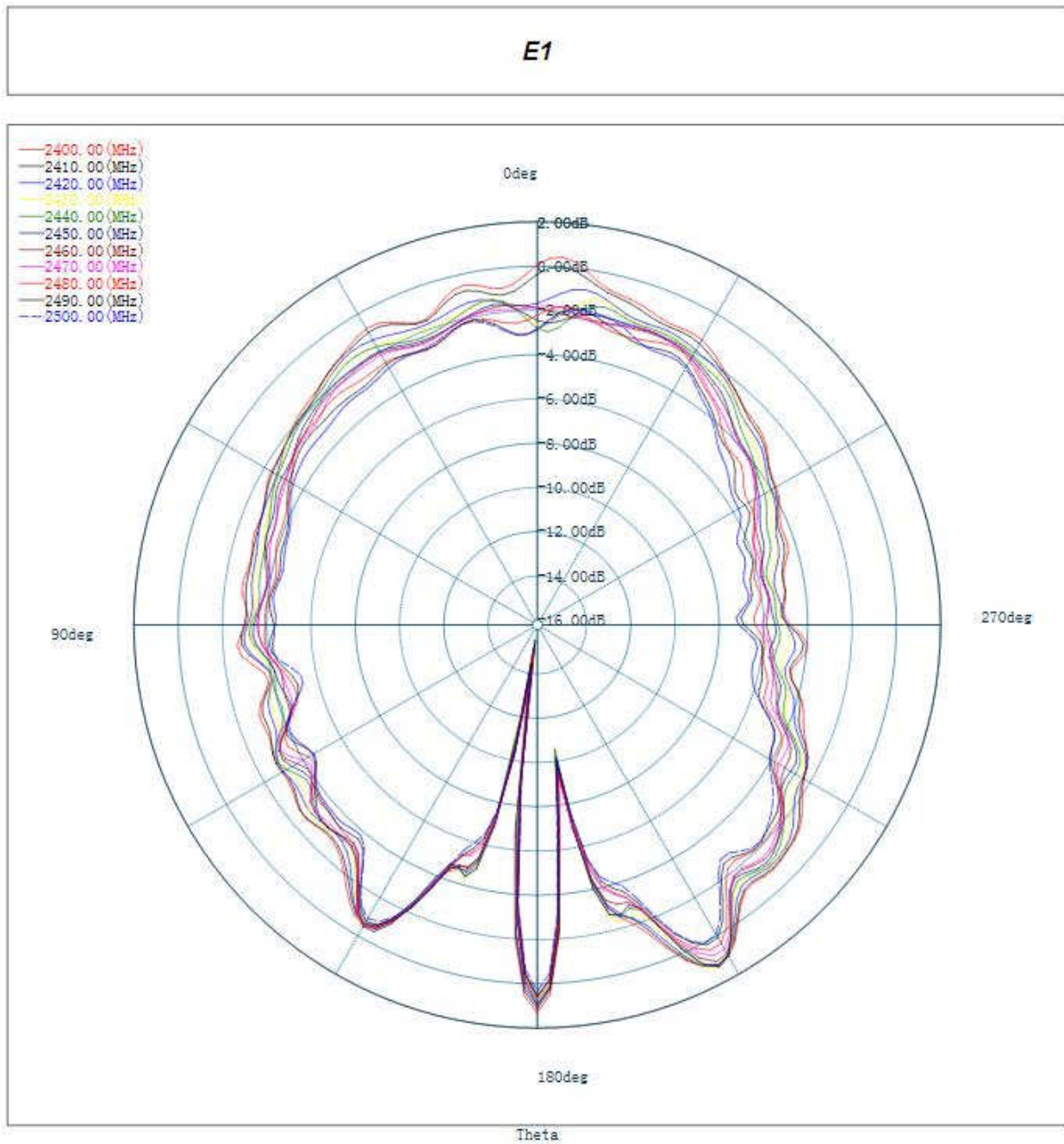


2、Radiation pattern (2D)

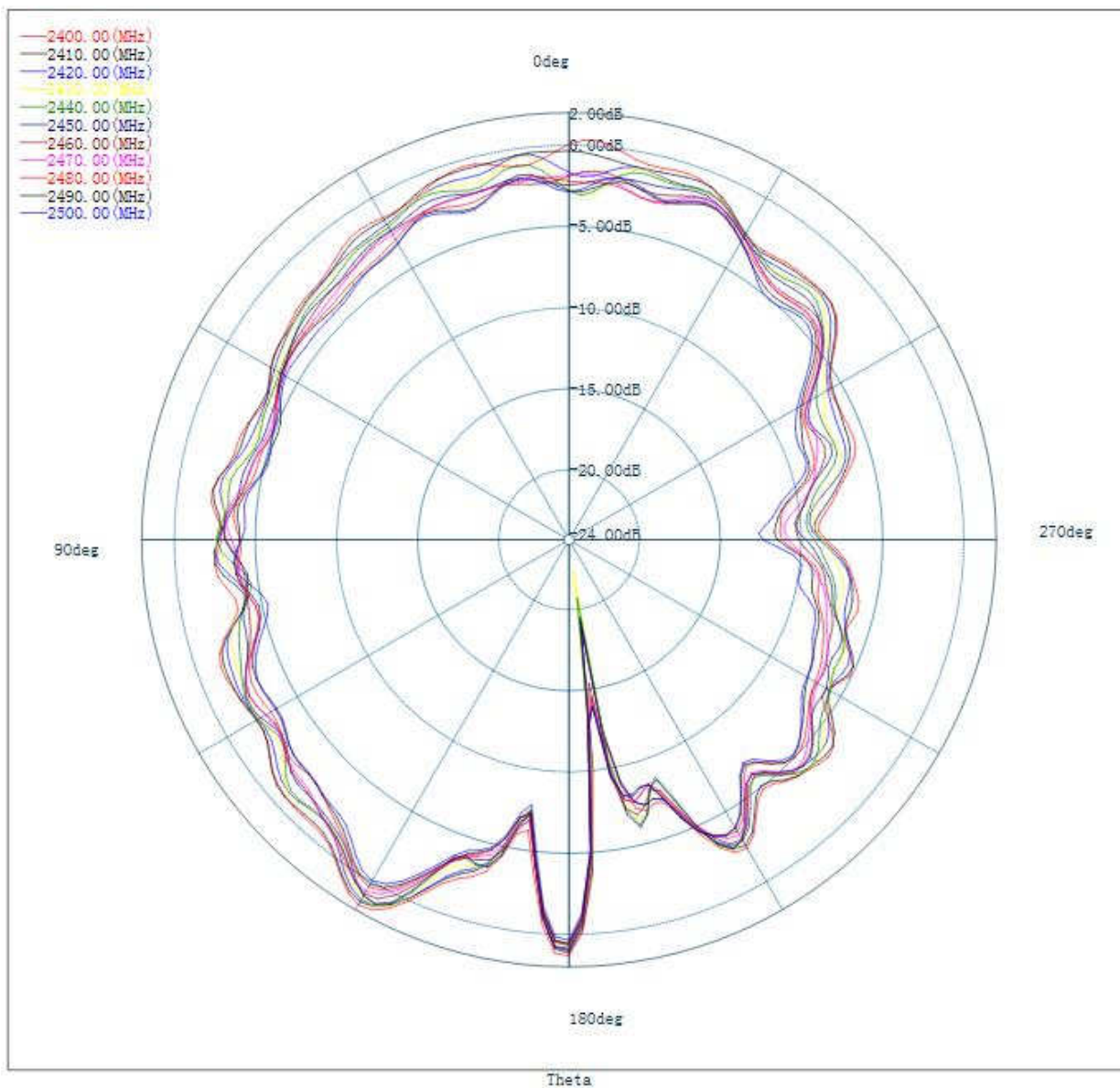
H-plane



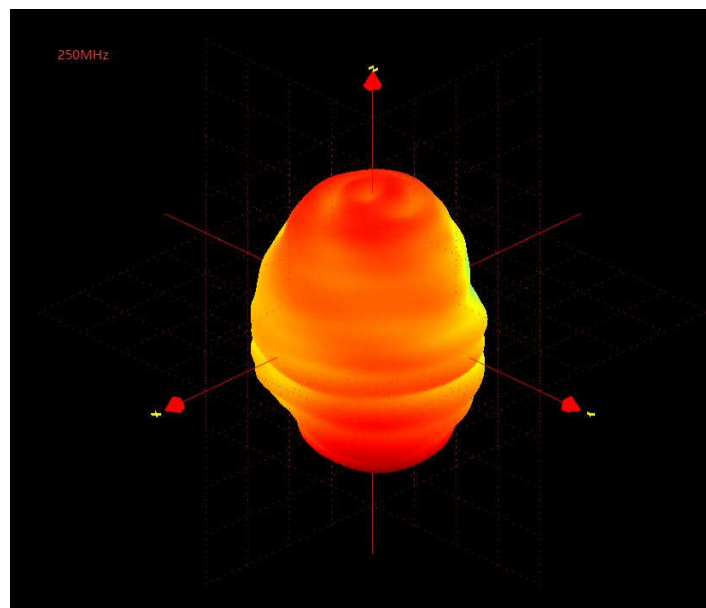
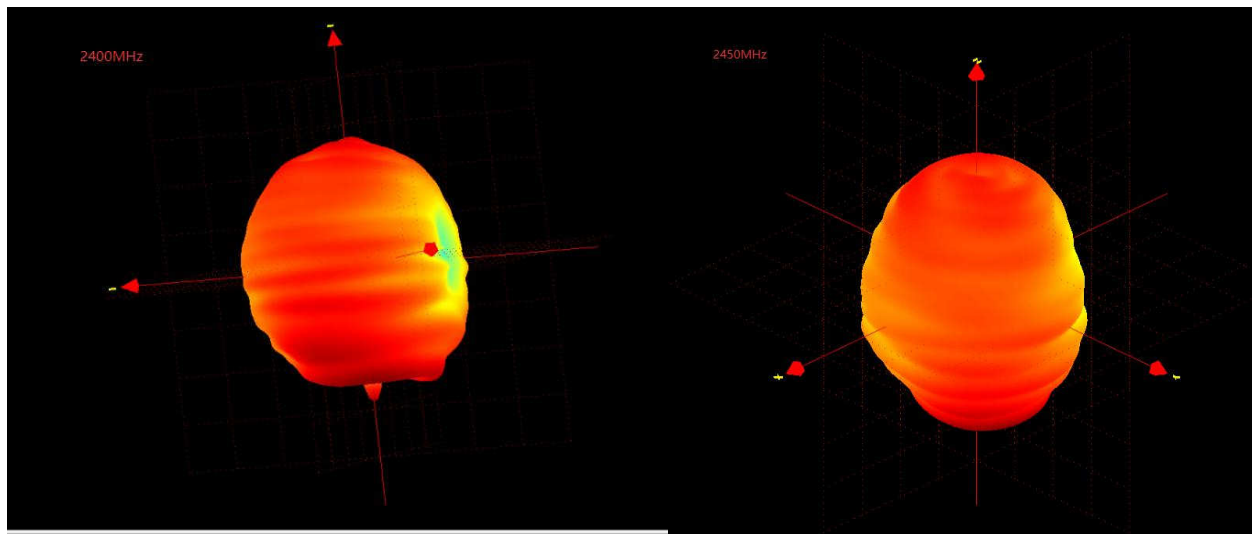
E-plane



E2



3D



3、Gain & Efficiency

MHZ	EFF(%)	GAIN
2400000000	54%	1.890239956
2410000000	53%	1.6957467
2420000000	50%	1.703631539
2430000000	49%	1.629483425
2440000000	47%	1.45694176
2450000000	45%	1.554787086
2460000000	44%	1.402265529
2470000000	43%	1.159075208
2480000000	41%	1.206606604
2490000000	39%	0.995360571
2500000000	38%	0.70749611