



Product Specification

P/N: 366W0819

REV.: X1

Data: 2025/06/12

Protocol: Tom

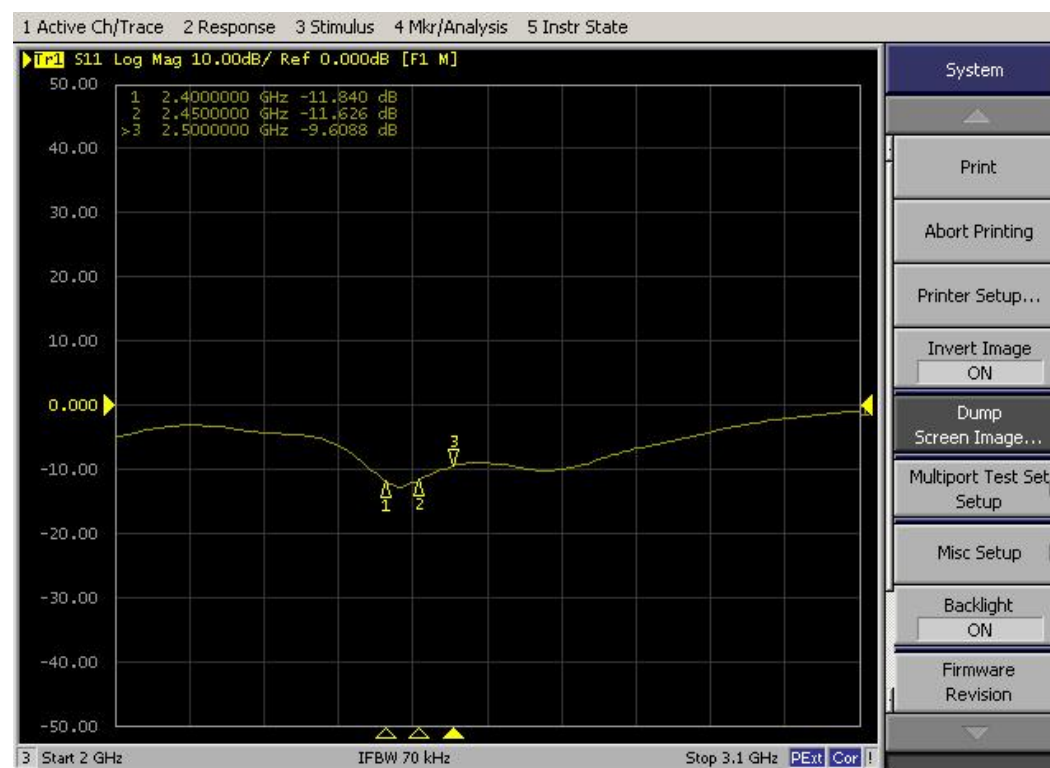
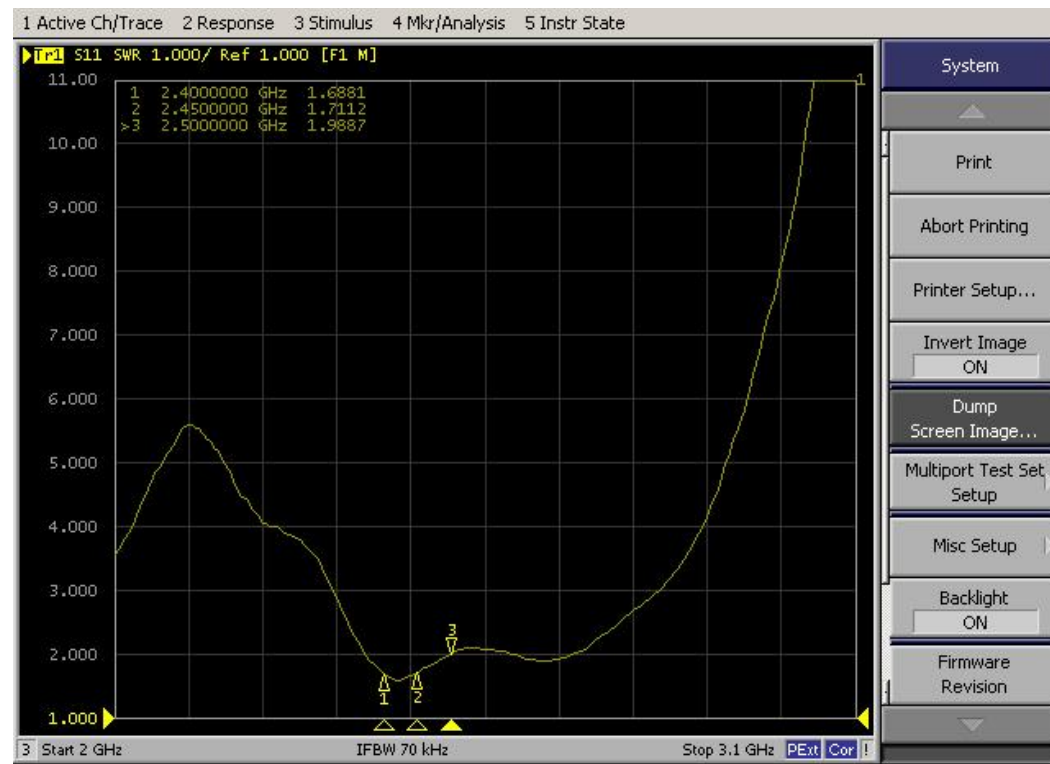
Antenna Specification



2.4G TO SMA-J OD12*103mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	Rob Antenna	
Peak Gain	1.37dBi	
VSWR	2400-2500MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	SMA-J	
RF Cable Type	N/A	
Dimension	OD12*103mm Black	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

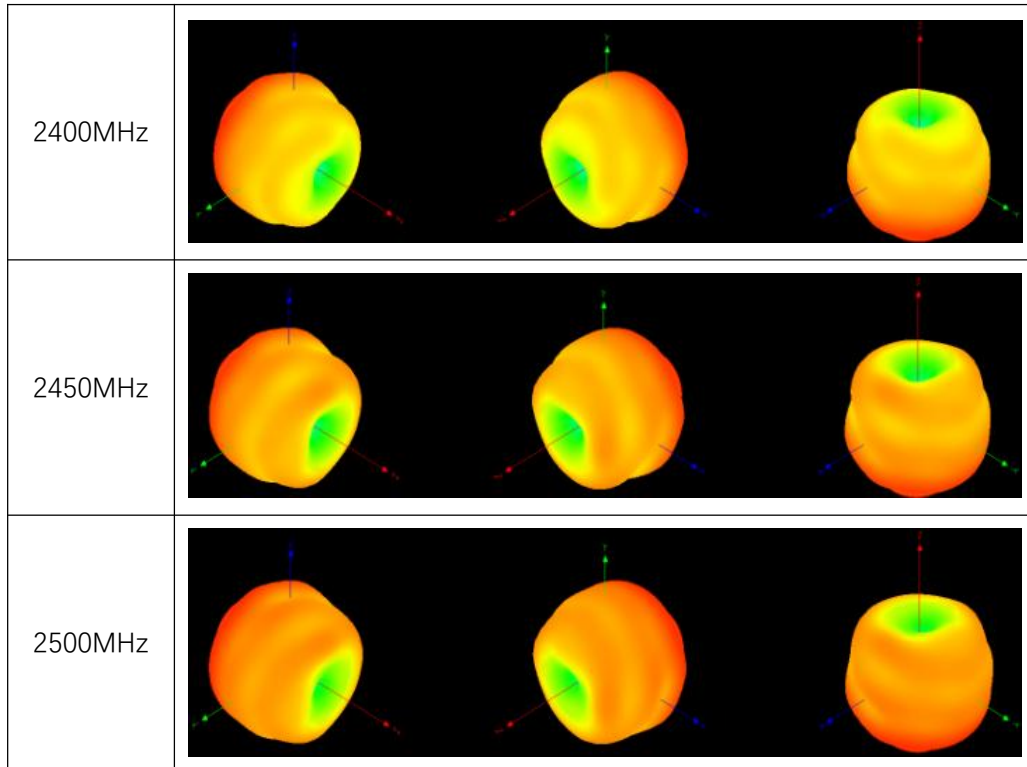
1.SWR/Log Mag 驻波图/回损图



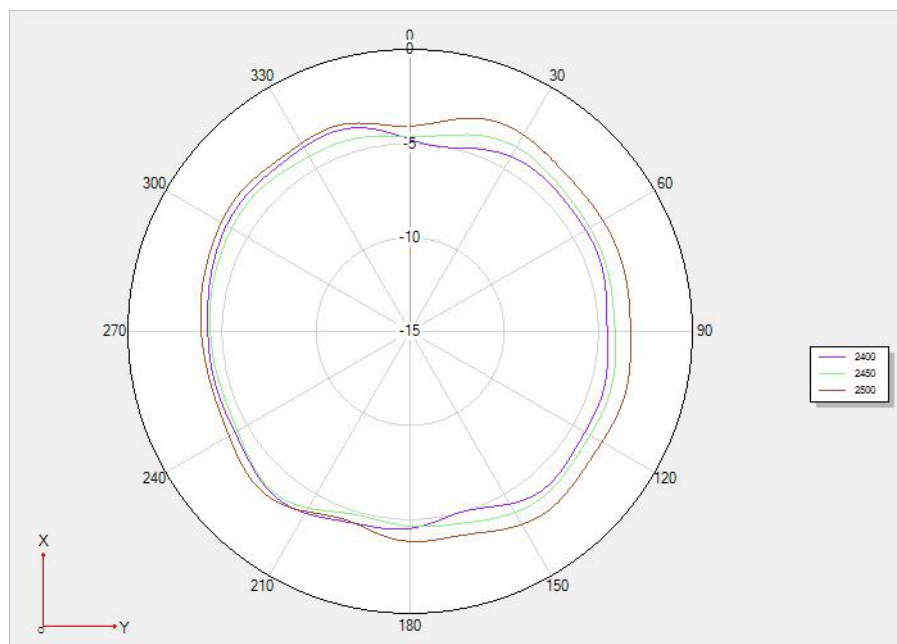
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
2400	47.42	1.32
2410	47.92	1.37
2420	48.42	1.30
2430	48.42	1.36
2440	48.75	1.11
2450	48.77	1.01
2460	48.98	1.12
2470	47.84	1.19
2480	47.83	1.22
2490	46.95	0.95
2500	46.08	1.32
AVG	50.13	1.71

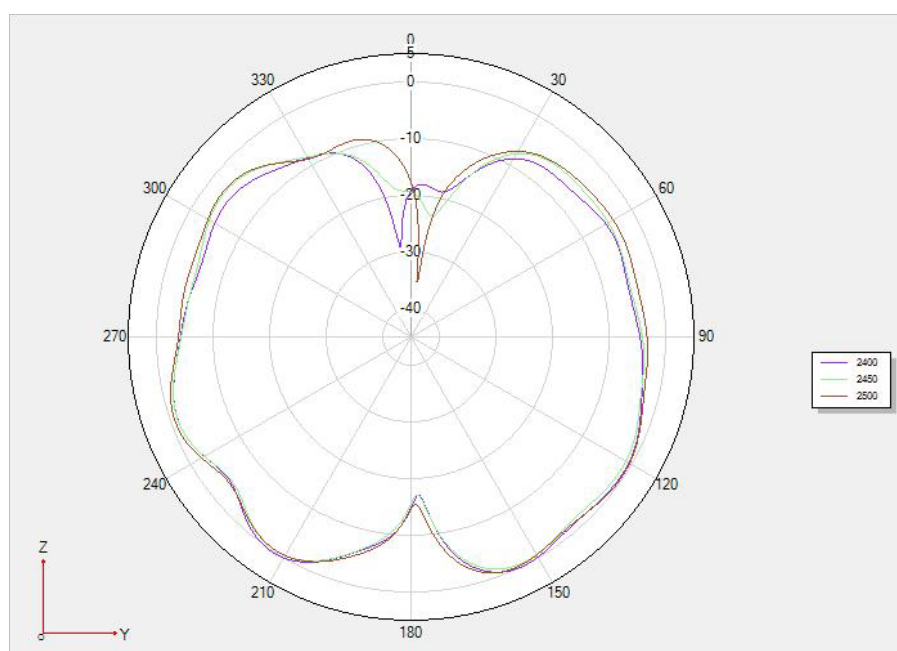
3.Radiation Pattern/辐射方向图



4.Radiation Pattern 2D/辐射方向图 2D

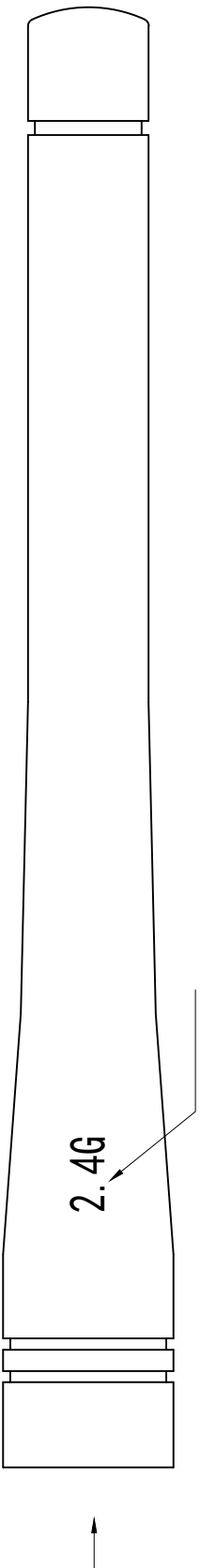
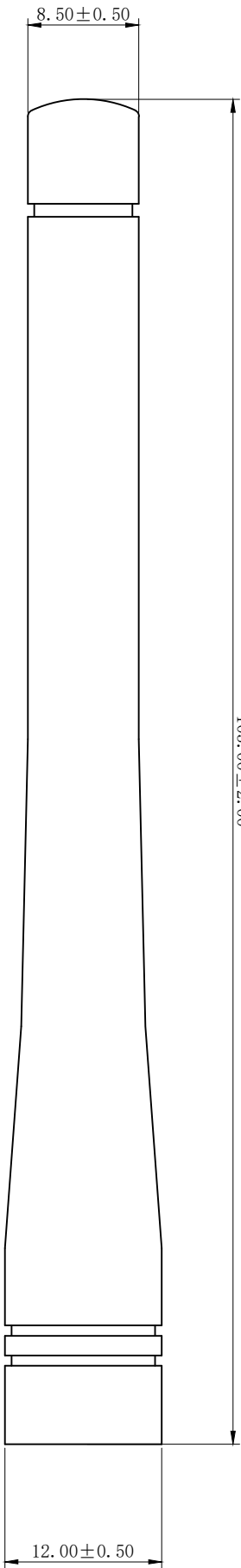


Theta90



Phi90

REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	04/30'25



- NOTES:
1. NO DIRTY, SCRATCHED, DEFORMED, DAMAGED
 2. 100% VSWR TEST
 3. FREQUENCY RANGE: 2.4G
 4. ▼ CRITICAL DIMENSION
 5. ALL MATERIALS ARE IN COMPLIANCE WITH ROHS COMPLIANT

GENERAL TOLERANCE .X ± 0.30 ± 1° .XX ± 0.15 .XXX ± 0.15		DRAWN:	TOM	DATE:	04/30'25
		CHECK:		DATE:	
		APPROVE:		DATE:	
		PROJECT NAME:		2.4G	
SCALE: 1:1		PART NO:		366W0819	
UNIT: mm		TITLE:		REV. A	
SIZE: A4		2.4G TO SMA-J OD12*103mm		SHEET: 1/1	