



Product Specification

P/N: 366N0565

REV.: X3

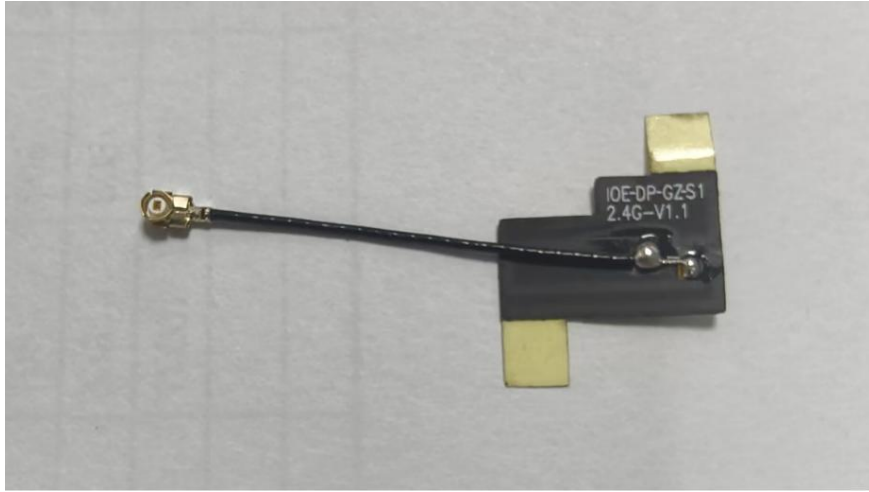
Date: 2025-06-24

Protocol: Liu

Tester: ShengXue Liu

Address: Building A201A, No. 3 industrial zone, Tianliao community, Yutang Street, Guangming District, Shenzhen City

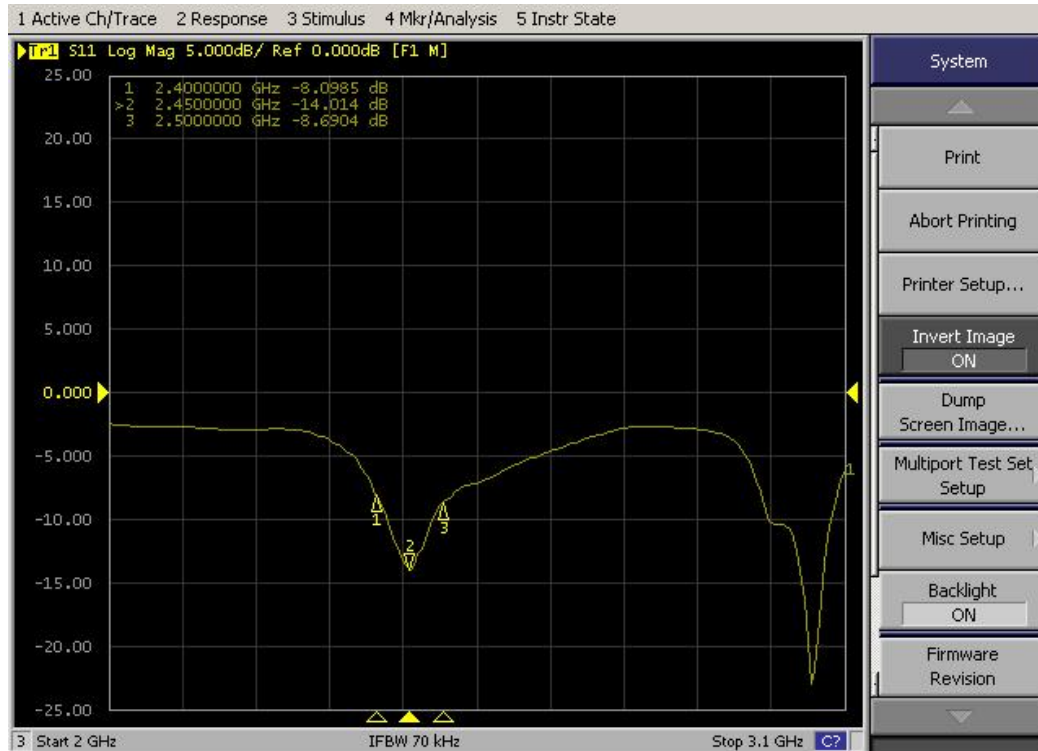
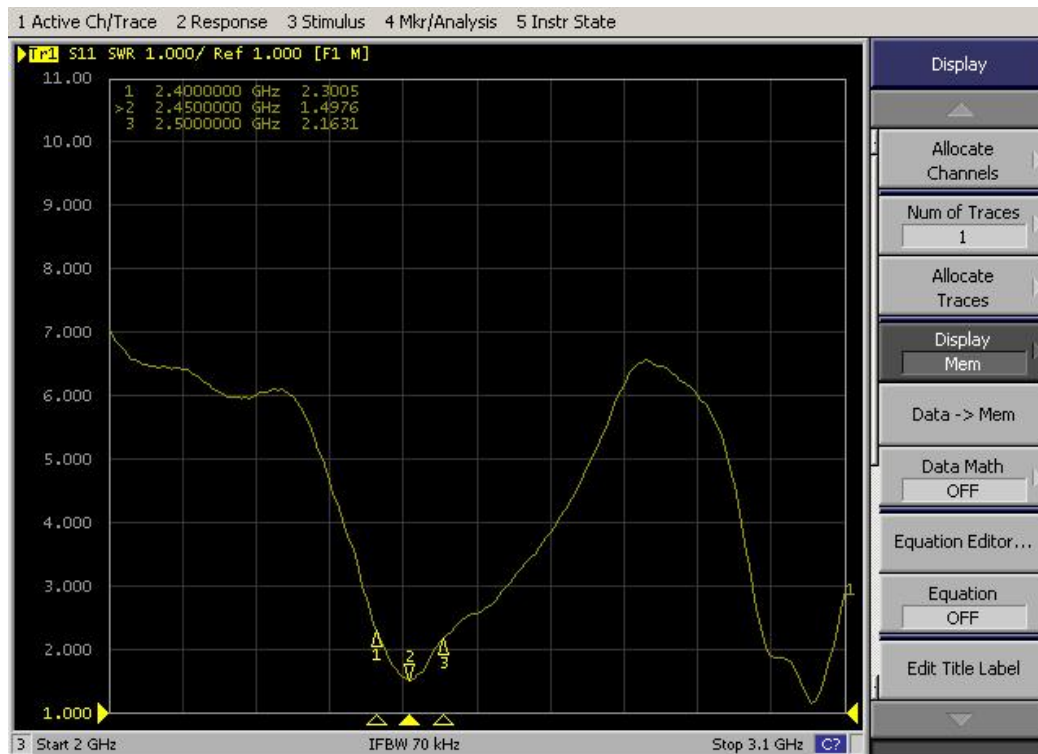
Antenna Specification



DP-GZ-S1-2.4G ANT

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	Antenna	
Peak Gain	1.23dBi	
VSWR	2400-2500MHz $\leq$ 2.5	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	IPEX II	
RF Cable Type	RF0.81 Black	
Dimension	L40mm	
Operating Temp	-30°C ~ +75°C	
Storage Temp	-30°C ~ +75°C	

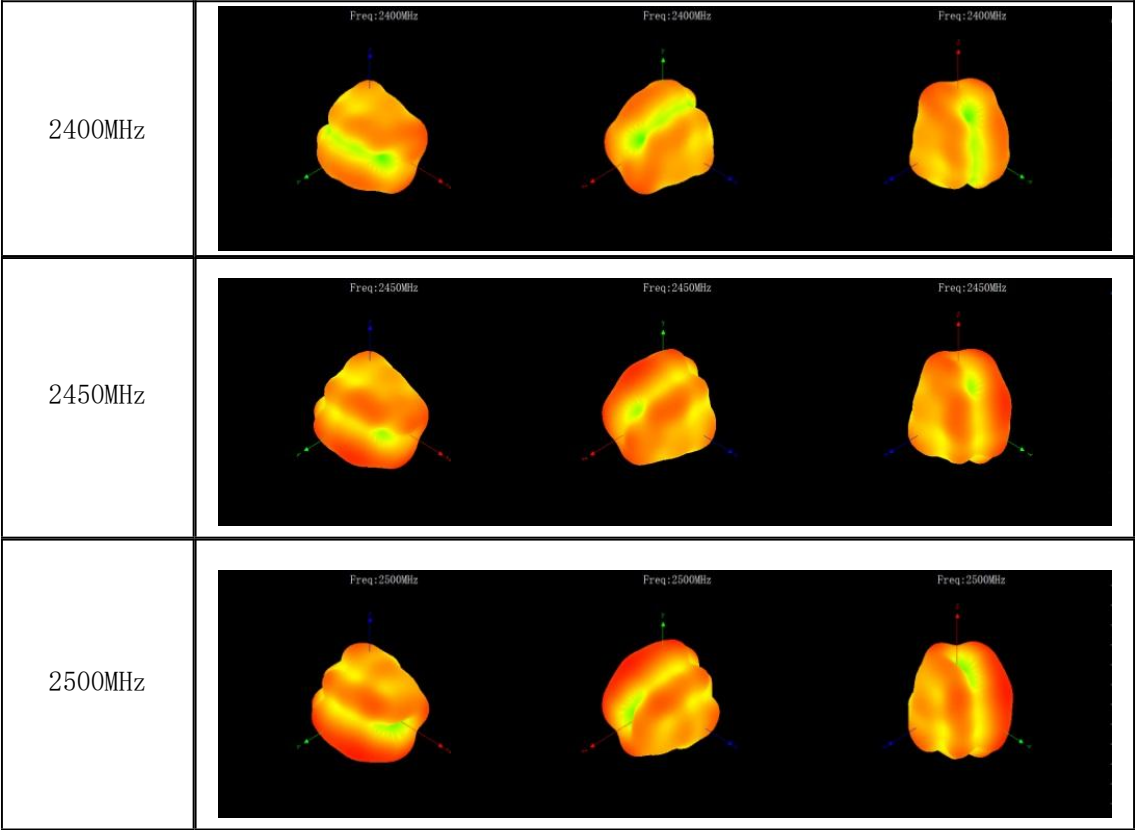
1.SWR



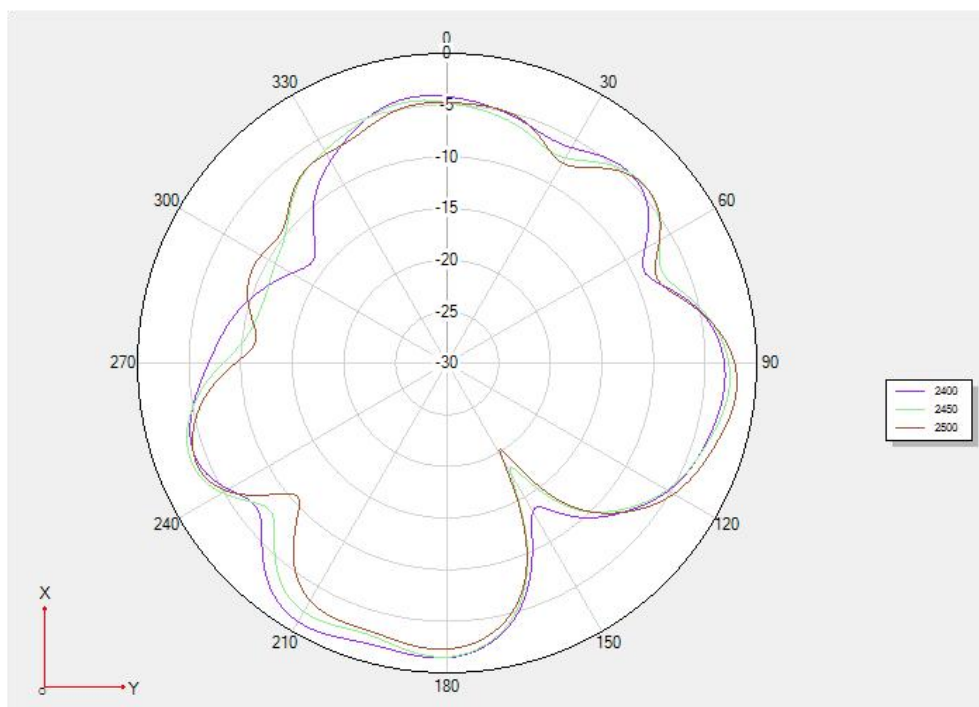
2. Efficiency/ Gain Test

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	32.83	1.17
2410	31.63	1.23
2420	33.3	1.15
2430	33.02	1.07
2440	33.11	0.79
2450	34.46	0.66
2460	31.17	0.53
2470	31.36	0.45
2480	29.93	0.61
2490	29.33	0.34
2500	30.11	0.24
AVG	31.84	0.73

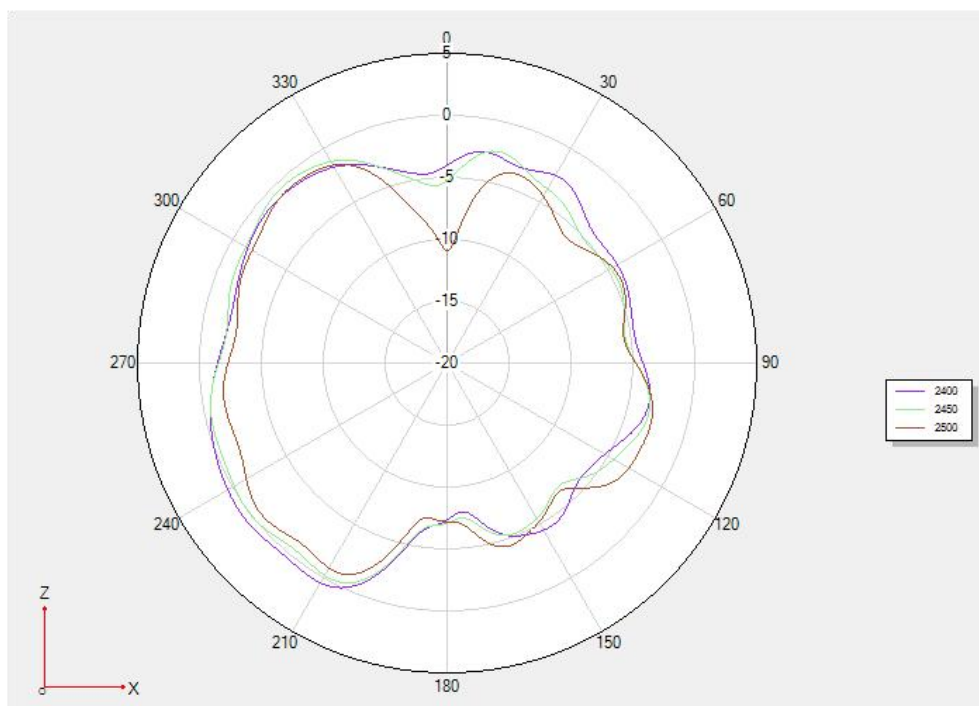
3.3D



4.2D

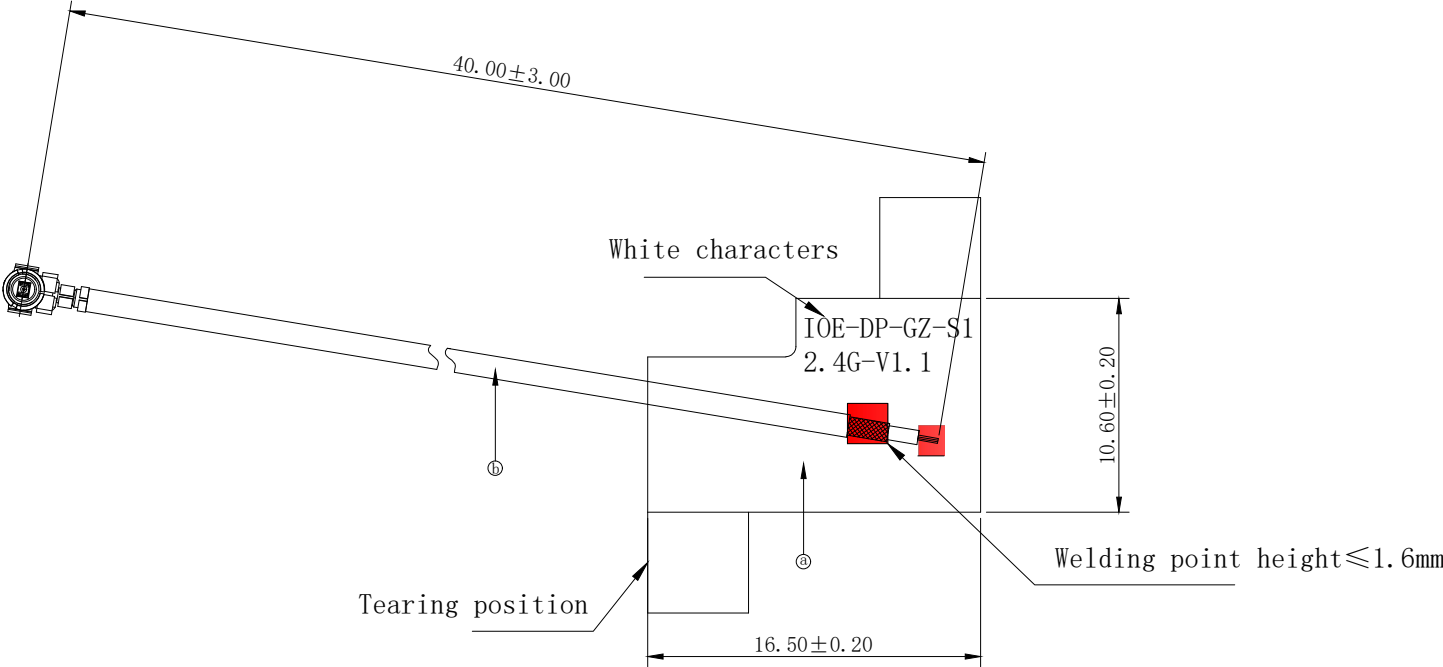


Theta 90



Phi0

REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	06/24' 25



- Technical requirements:
1. Welding can not be virtual welding, fake welding, shielding layer can not be scalded.
 2. Full VSWR test
 3. Marked with "▼" is the key detection size.
 4. Products must meet the company's ROHS and related reliability requirements.

b	CABLE	1		IPEX II CBALE ODO.81mm BLACK L40mm
a	FPC	1		3M9471 1/20Z BLACK L16.5*W10.6mm
ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH

	DRAWN: Tom		DATE: 06/24' 25	
	CHECK:		DATE:	
	APPROVE:		DATE:	
	PROJECT NAME:		DP-GZ-S1-2.4G ANT	
	PART NO:		366N0565	
GENERAL TOLERANCE · X± 0.30 ± 1° · XX± 0.15 · XXX± 0.15		TITLE:		REV. A
SCALE: 1:1		DP-GZ-S1-2.4G ANT FPC BLACK To IPEX II Cable OD0.81mm BLACK L40mm		SHEET: 1/1
UNIT: mm				
SIZE:	A4			