



Product Specification

P/N: 366W0448

REV.: X2

Date: 2024/06/04

Protocol: Xue

深圳物连通信技术有限公司

Shen Zhen IOE Communication Technology Co., Ltd.

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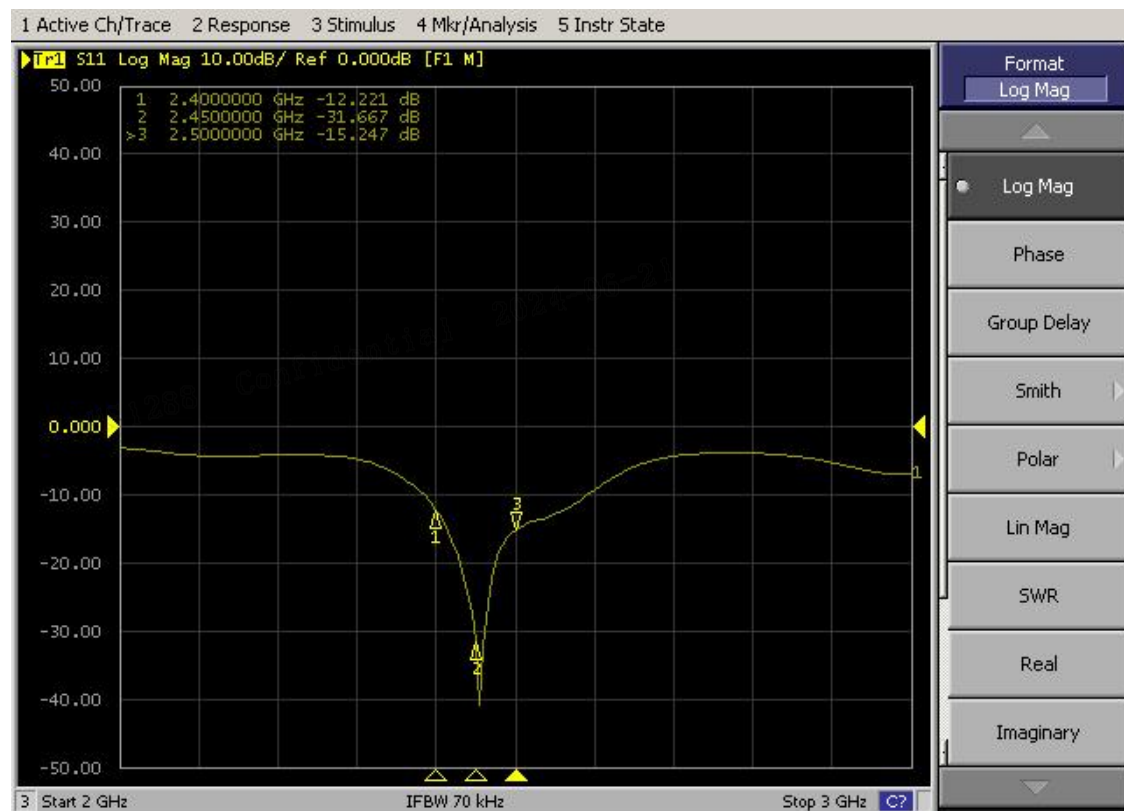
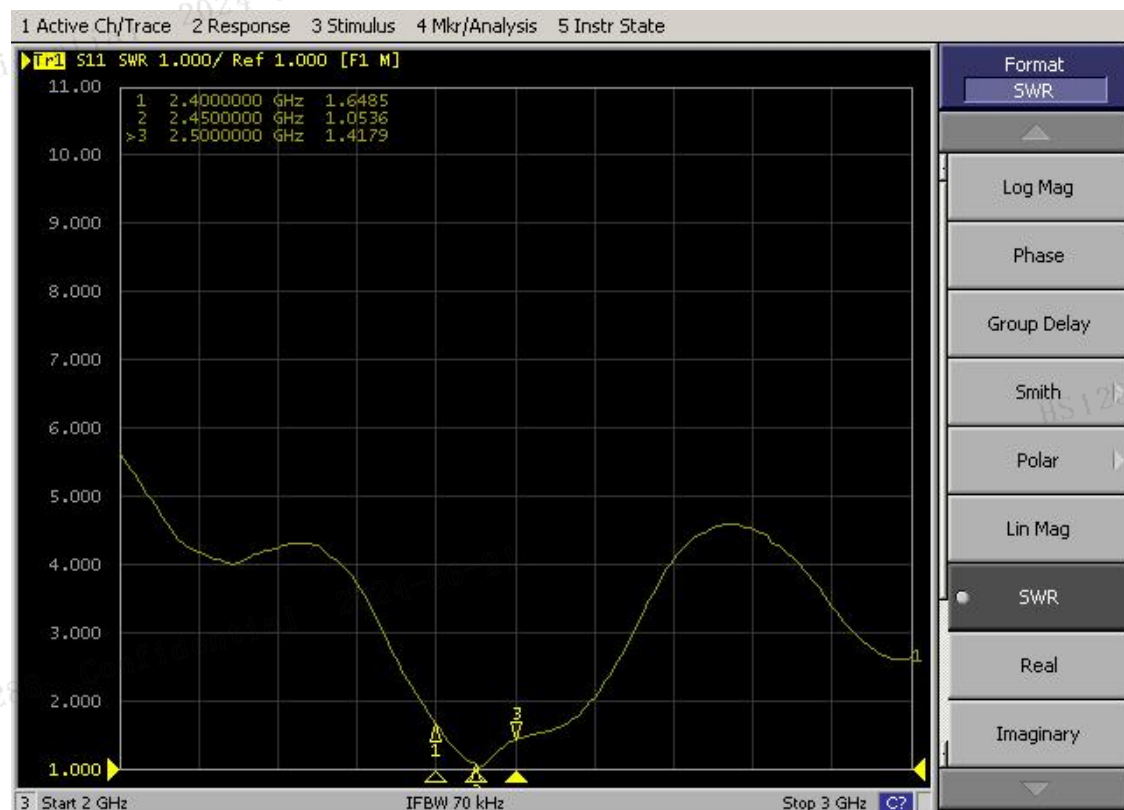
Antenna Specification



HS-13Max-2.4G Antenna FPC Black TO IPEX Gen 3 Cable OD0.81mm Black L260mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	2400-2500MHz	
Antenna Type	FPC	
Peak Gain	6.88dBi	
VSWR	2400-2500MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	Ipex 三代	
RF Cable Type	RF0.81	
Dimension	L260mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

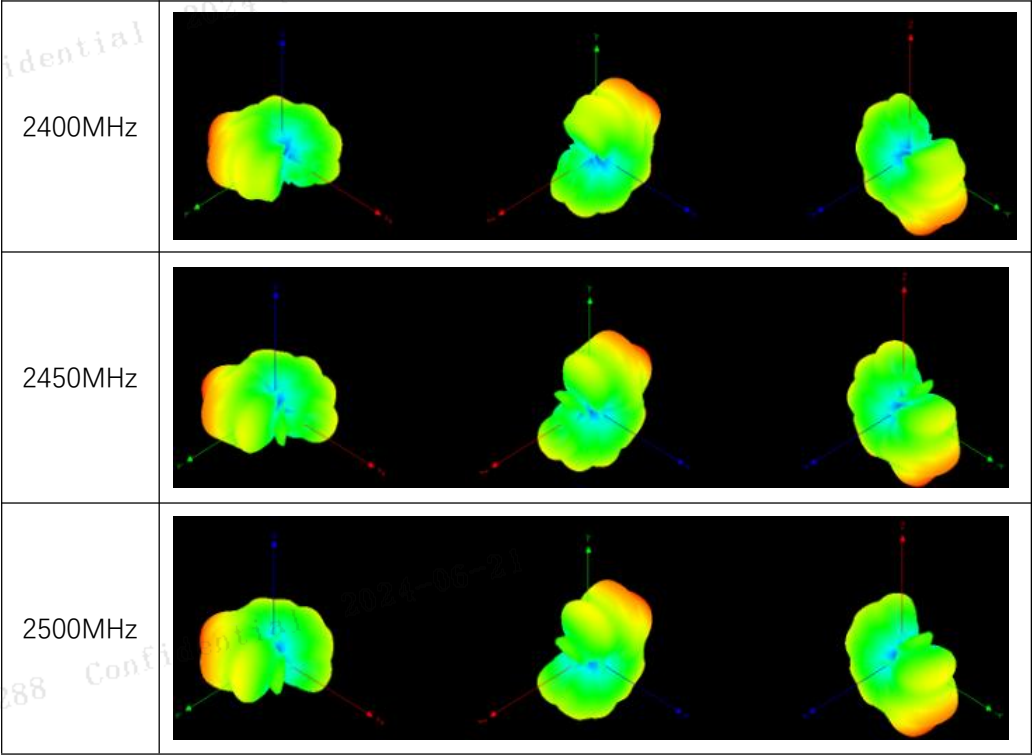
1.SWR/驻波图



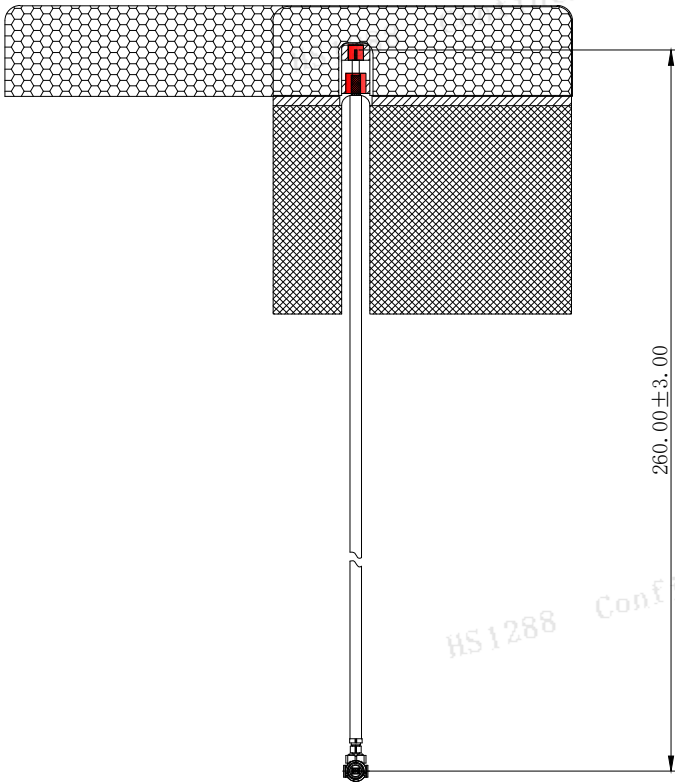
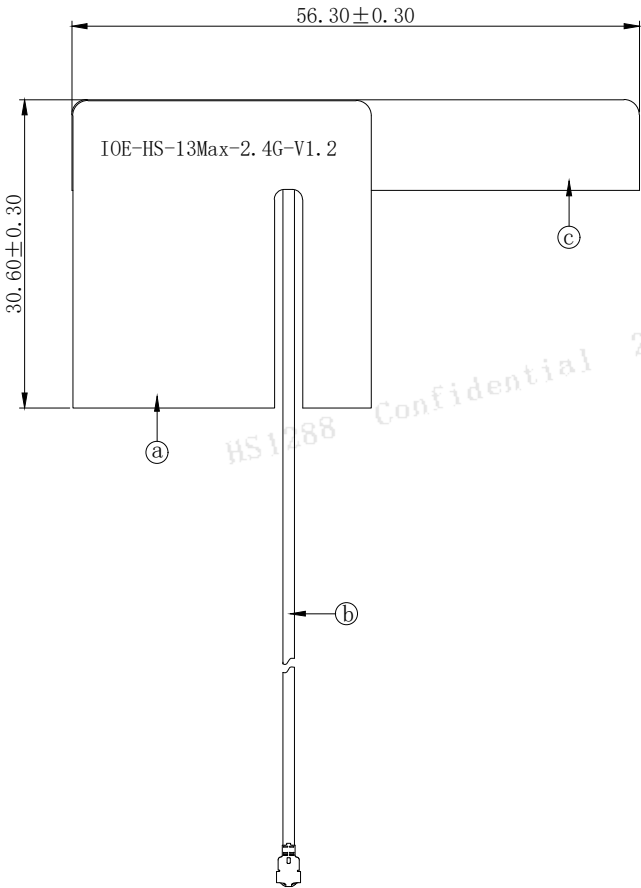
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
2400	39.20	6.68
2410	40.70	6.88
2420	39.77	6.74
2430	40.70	6.74
2440	37.86	6.58
2450	36.67	6.30
2460	35.50	5.87
2470	35.92	5.42
2480	36.13	5.67
2490	33.45	5.46
2500	33.95	5.85
AVG	37.26	6.20

3.3D Radiation Pattern/3D 辐射方向图



REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	06/01' 24



- 技术要求:
1. 焊接不能虚焊、假焊，屏蔽层不能有烫伤。
 2. 全检VSWR测试
 3. 标有“▼”为重点检测尺寸。
 4. 产品需符合本公司ROHS及相关可靠性等要求。

c	泡棉1	1		单面带胶泡棉1
b	CABLE	1		IPEX 三代单头剥线沾锡 OD0.81mm 黑色L260mm
a	FPC	1		3M9471 1/20Z 黑色 L29.6*W30.5mm
ITEM	PART NAME	Q' TY	PART #	MATERIAL / FINISH

IOE

GENERAL TOLERANCE
.X ± 0.30 ± 1°
.XX ± 0.15
.XXX ± 0.15

SCALE: 1:1

UNIT: mm

SIZE: A4

DRAWN: Tom	DATE: 06/01' 24
CHECK:	DATE:
APPROVE:	DATE:
PROJECT NAME: HS-13Max-2.4G天线	
PART NO: 366N0448	
TITLE: HS-13Max-2.4G天线 FPC 黑色TO IPEX 三代 Cable OD0.81mm 黑色 L260mm	REV. A
	SHEET: 1/1