



Product Specification

P/N: 366N0344

C P/N: 501006782

REV.: X1

Date: 2023/06/19

Protocol: Tom

深圳物连通信技术有限公司
Shen Zhen IOE Communication Technology Co., Ltd.

Building 3, the Fifth Industrial Zone, Tianliao Community, Yutang Street, Guangming District, Shenzhen, Guangdong

Antenna Specification



DT-Model H-JJ-R

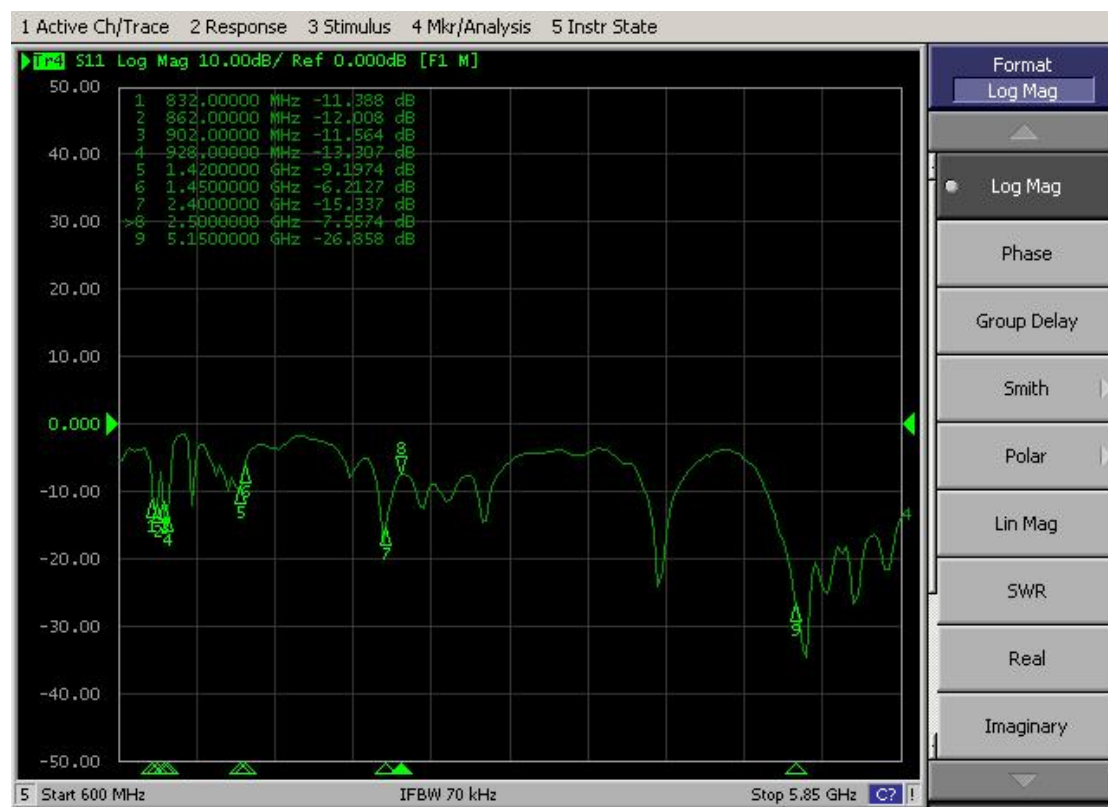
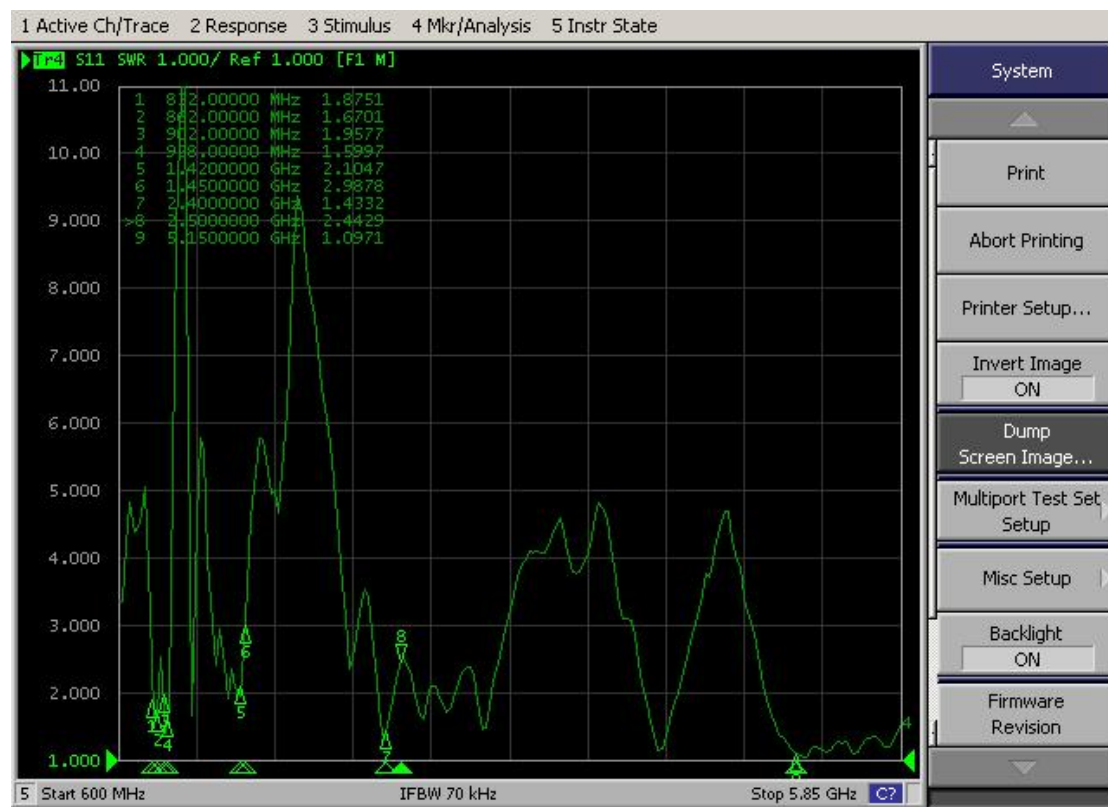
PCB

TO MMCX-JW WITH RF-1.8L

L490mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	902-928MHz/2400-2500MHz/5150-5850MHz	
Antenna Type	PCB	
Peak Gain	3.65dBi	
VSWR	902-928MHz≤2.0 2400-2500MHz≤2.5 5150-5850MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	MMCX-JW	
RF Cable Type	RF-1.8L	
Dimension	L490mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

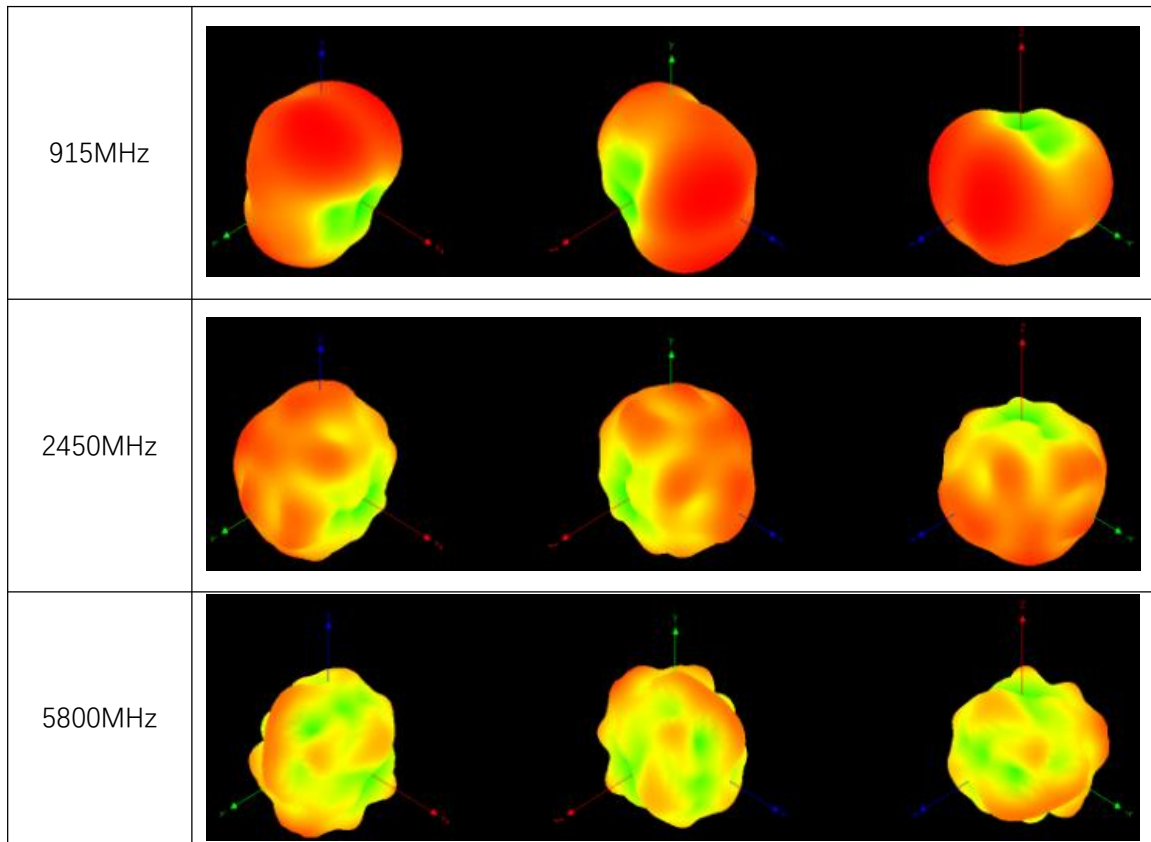
1.SWR/驻波图



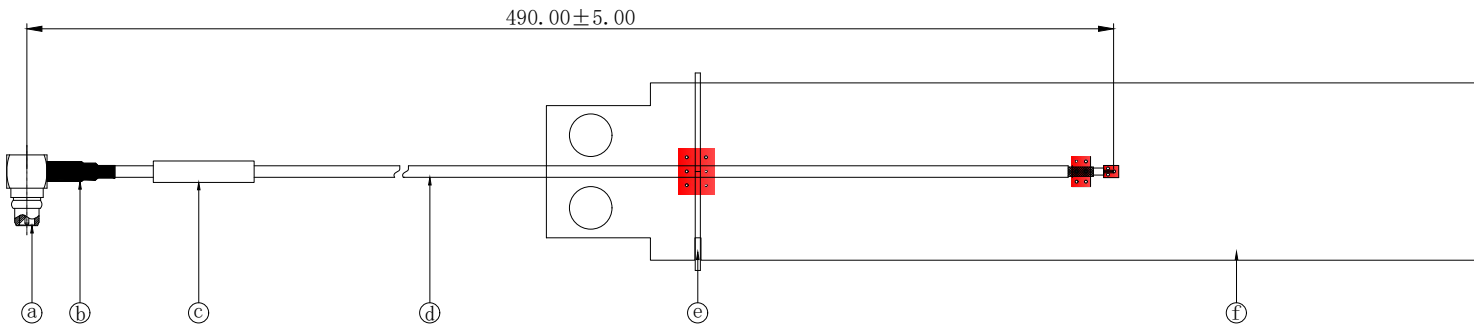
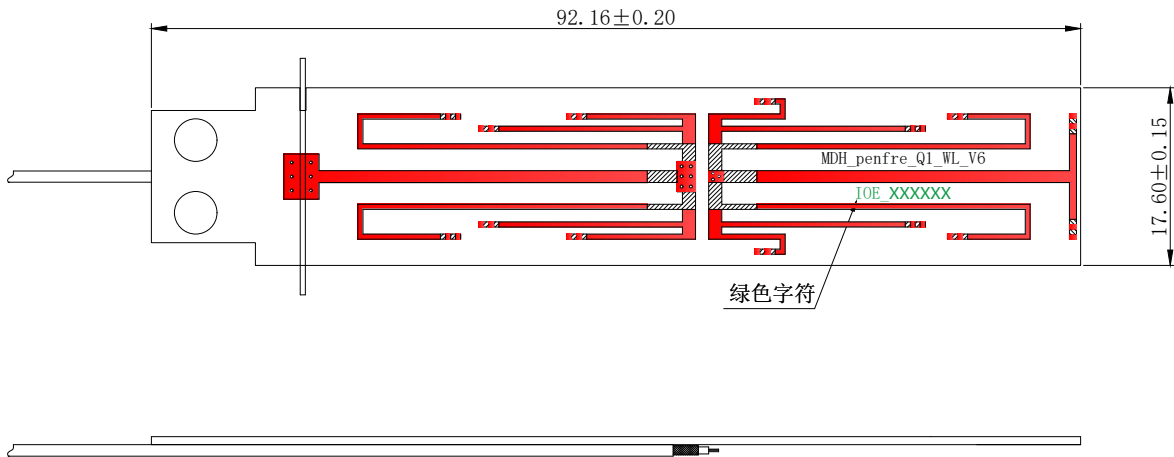
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
902	65.31	2.00
915	63.53	1.62
928	57.15	1.29
2400	58.34	2.71
2450	56.10	2.65
2500	52.97	3.65
5150	46.13	2.75
5500	48.08	1.89
5850	49.20	3.35

3.3D Radiation Pattern/3D 辐射方向图



REV.	ECN NUMBER	DESCRIPTION	DATE
A	ECN	FIRST RELEASE	06/18' 23



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。

f	PCB	1	WL-CT440 SDB 镀金 T0.8*L92.16*W17.6mm
e	五金件	1	$\phi 19.6 \times 0.5$ mm
d	CABLE	1	RF-1.8L/50黑色低损线
c	热缩管	1	白色热缩管（丝印字符：JJ-R）
b	热缩管	1	黑色热缩管
a	接头	1	MMCX-JW
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: 06/18' 23
CHECK:	DATE:
APPROVE:	DATE:
PROJECT NAME: DT-Model H-JJ-R天线	
PART NO: 366N0344	
TITLE: DT-Model H-JJ-R天线 PCB 白色T0 MMCX-JW WITH RF-1.8L 黑色 L490mm	REV. A
	SHEET: 1/1