



Product Specification

P/N: 366N0346

C P/N: 501006784

REV.: X1

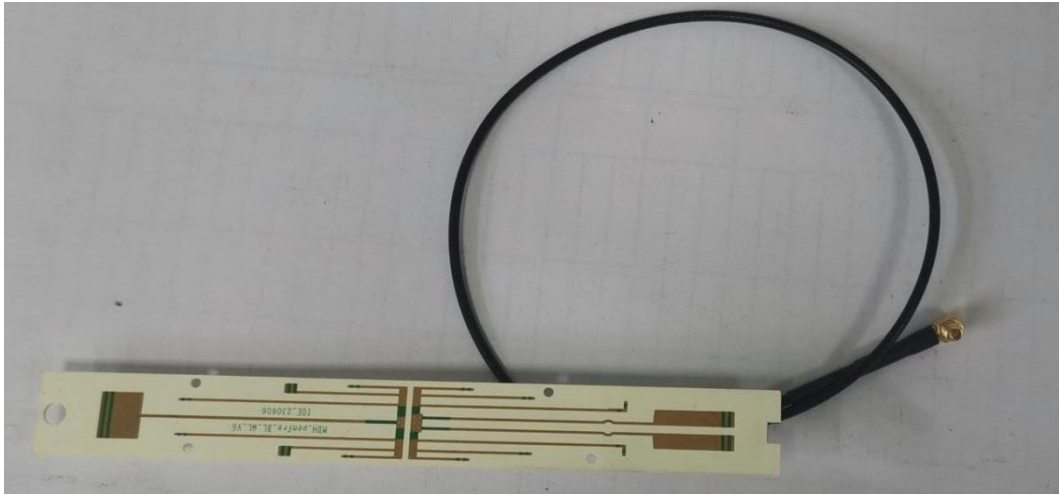
Date: 2023/06/19

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

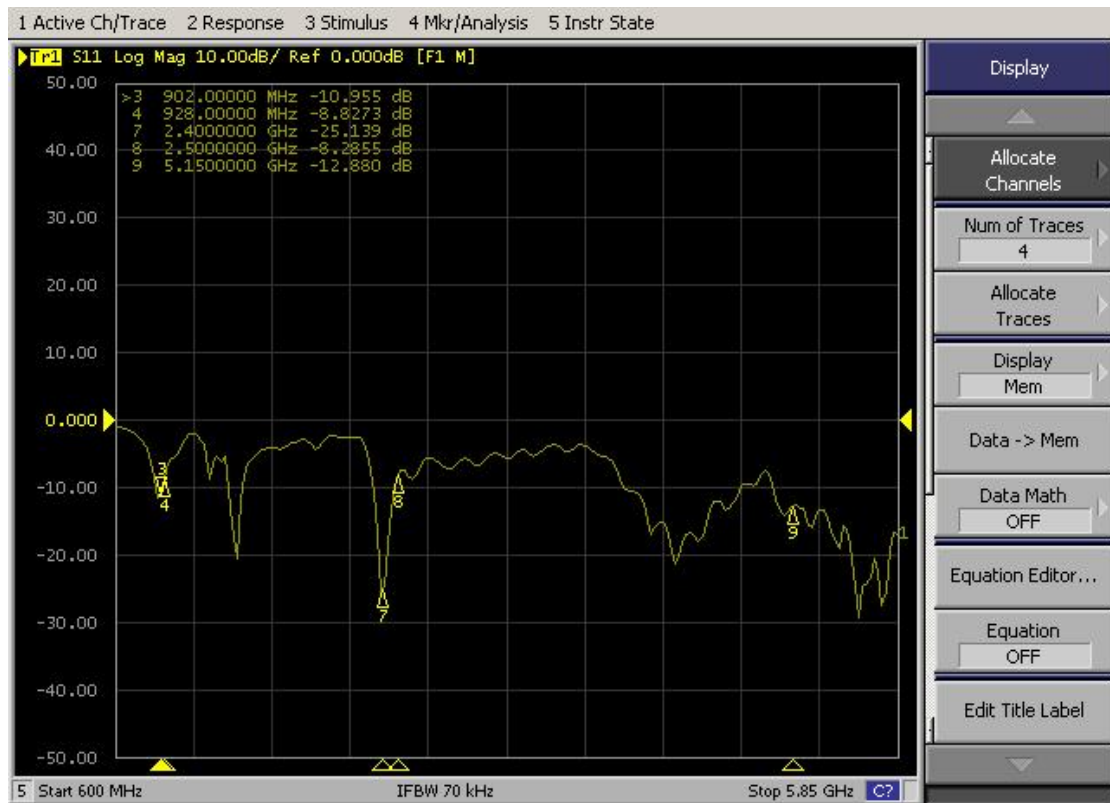
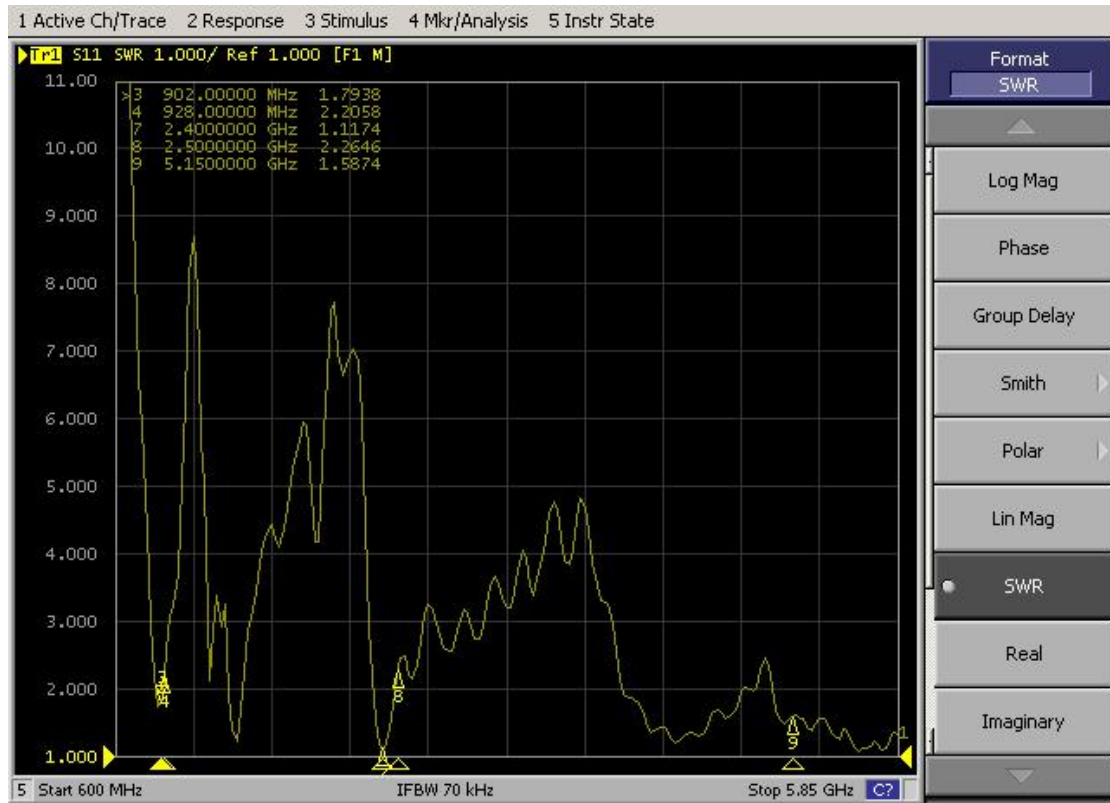
Antenna Specification



DT-Model H-JB-R PCB TO MMCX-JW WITH RF-1.8L L340mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	902-928MHz/2400-2500MHz/5150-5850MHz	
Antenna Type	PCB	
Peak Gain	3.67dBi	
VSWR	902-928MHz ≤ 2.5 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	L340mm	
Operating Temp	-30°C ~ +75°C	
Storage Temp	-30°C ~ +75°C	

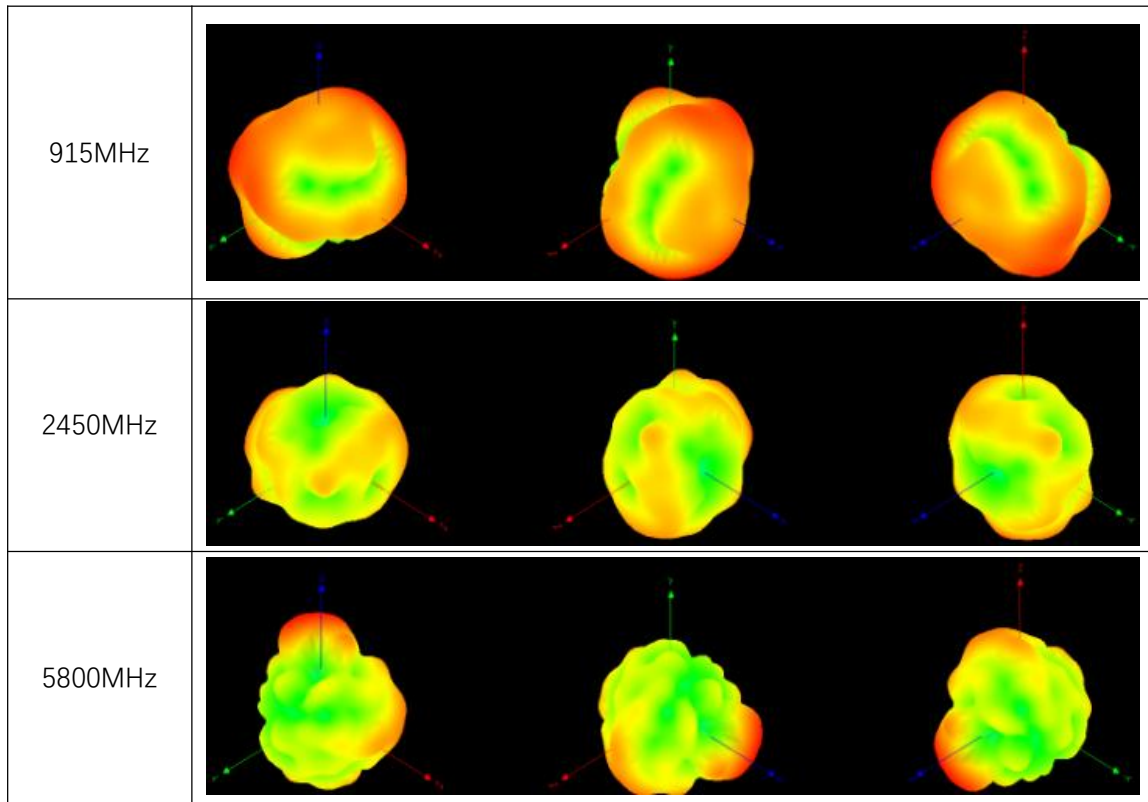
1.SWR/驻波图



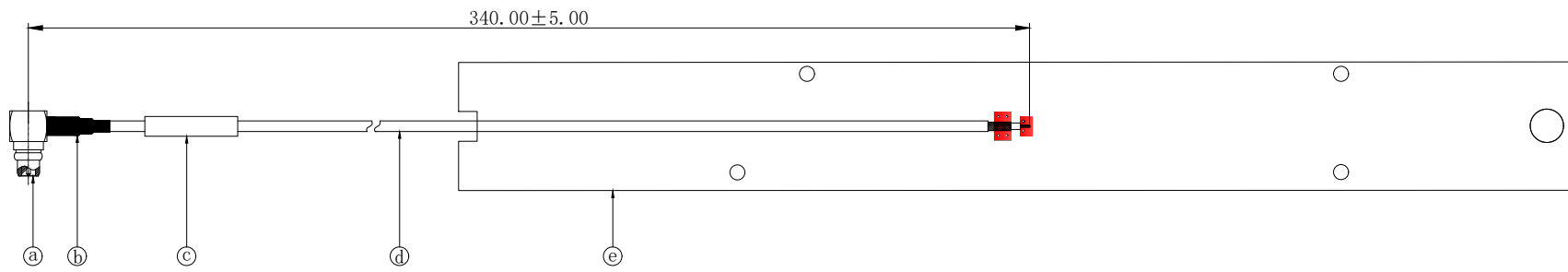
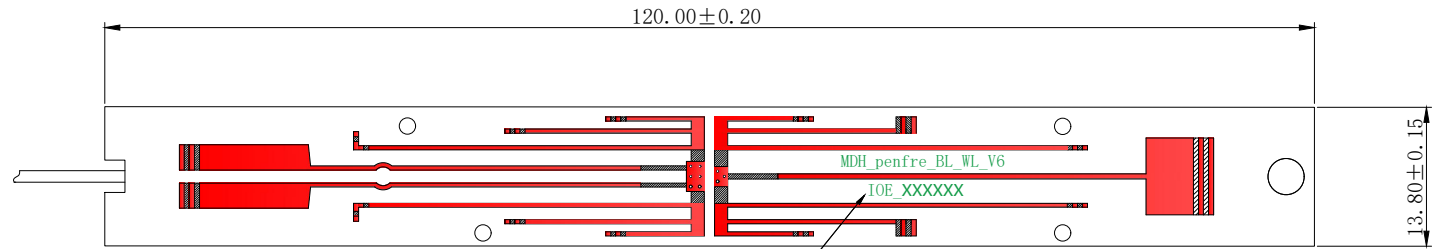
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
902	42.46	0.46
915	39.63	0.13
928	31.05	-1.08
2400	44.67	3.24
2450	50.23	3.61
2500	40.55	3.15
5150	54.33	3.67
5500	55.21	4.89
5850	58.75	3.42

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。

e	PCB	1	WL-CT440 SDB 镀金 T0.8*L120*W13.8mm	
d	CABLE	1	RF-1.8L/50黑色低损线	
c	热缩管	1	黑色热缩管 (丝印字符: JB-R)	
b	热缩管	1	黑色热缩管	
a	接头	1	MMCX-JW	
ITEM	PART NAME	QTY	PART #	MATERIAL / FINISH



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-JB-R天线	
PART NO:		366N0346	
TITLE:			REV.
DT-Model H-JB-R天线 PCB 白色T0			A
MMCX-JW WITH RF-1.8L 黑色 L340mm			SHEET:
			1/1