



Product Specification

P/N: 366N0345

C P/N: 501006783

REV.: X1

Date: 2023/06/19

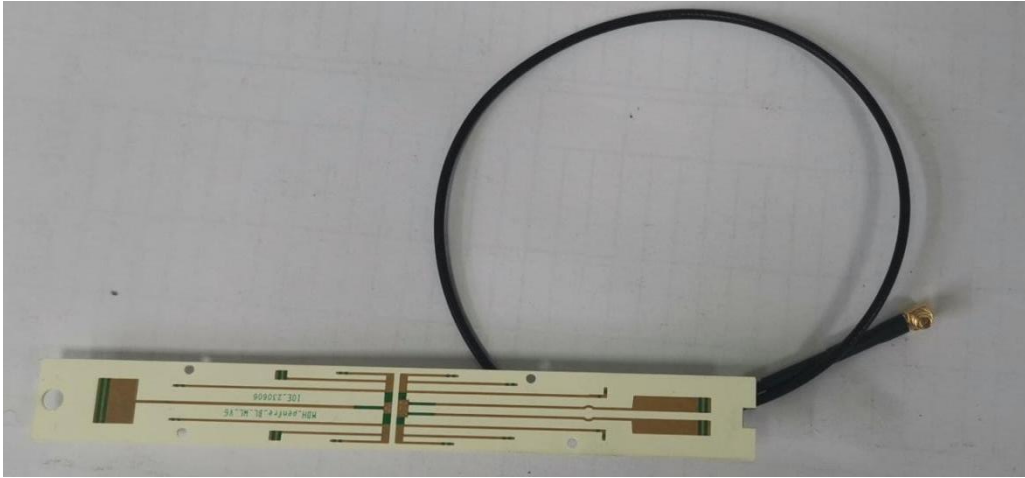
Protocol: Tom

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-L

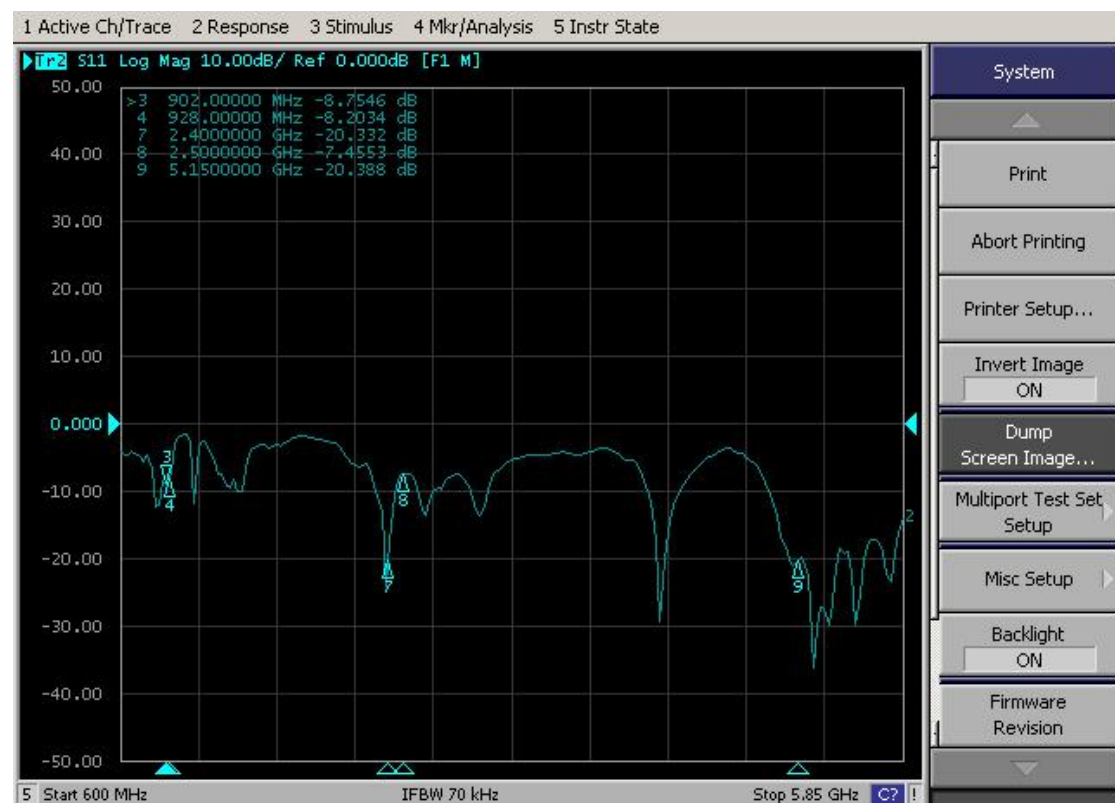
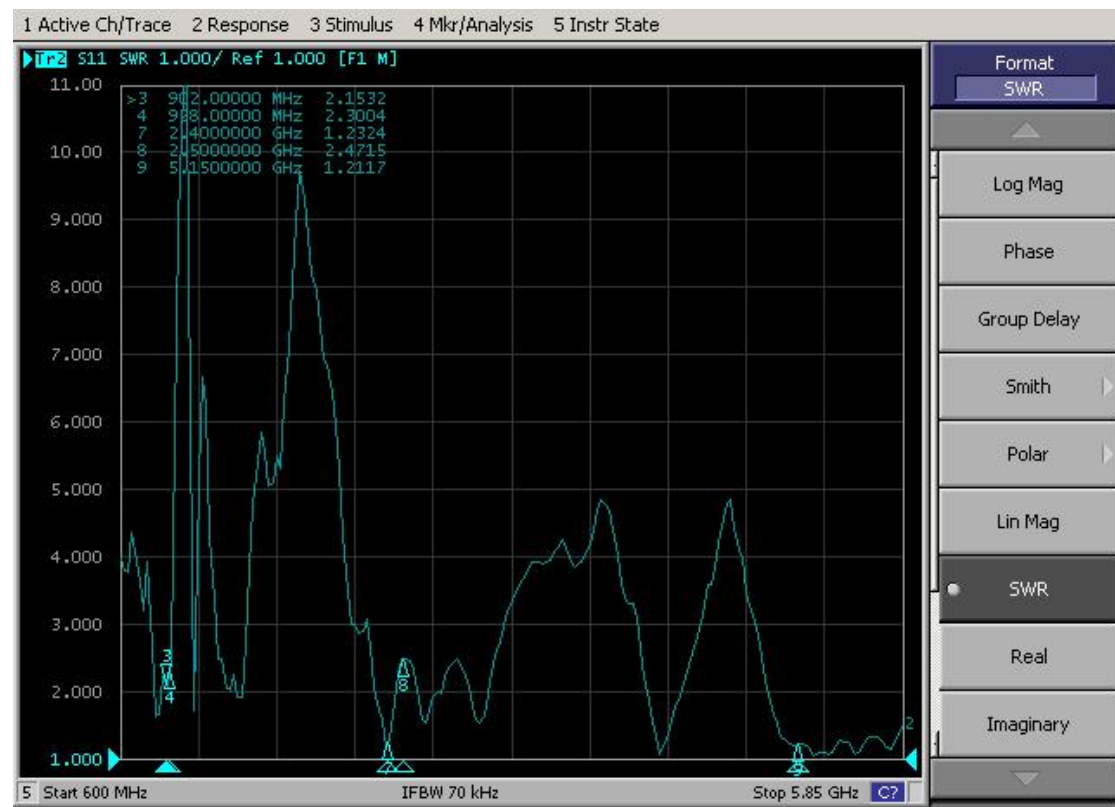
PCB

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	3.74dBi	
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℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

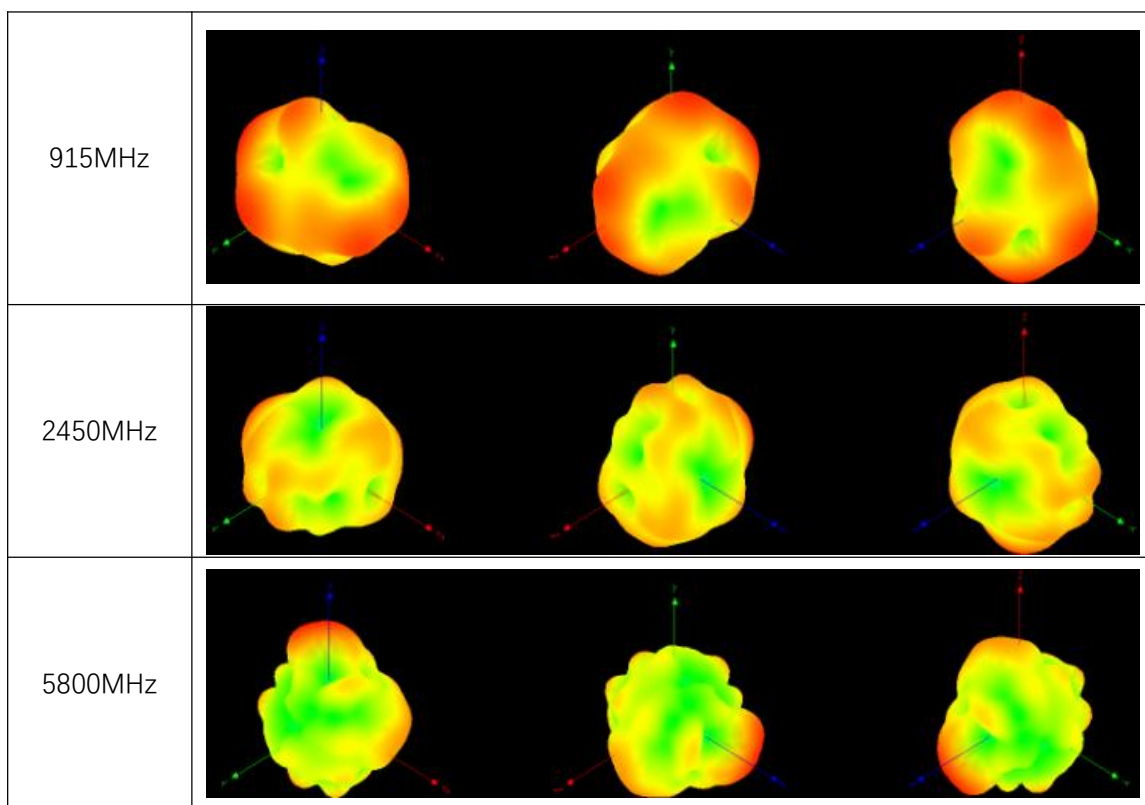
1.SWR/驻波图



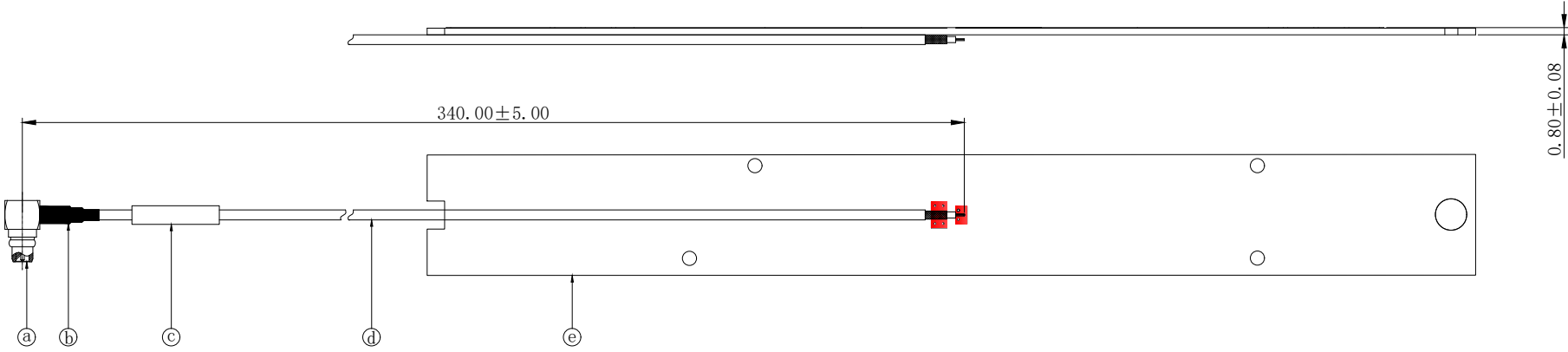
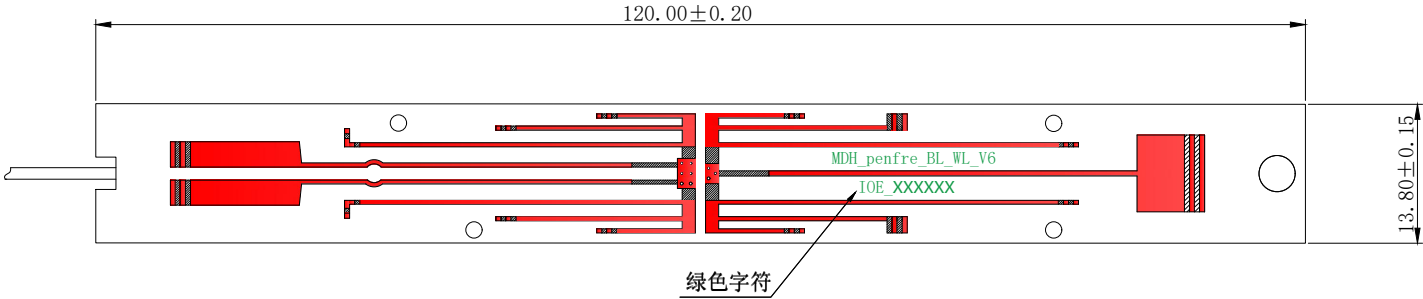
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
902	40.36	0.17
915	40.36	0.09
928	37.15	-0.56
2400	46.24	3.74
2450	50.58	3.34
2500	40.93	2.52
5150	52.12	3.52
5500	54.95	5.73
5850	57.41	3.10

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-L）
b	热缩管	1	黑色热缩管
a	接头	1	MMCX-JW
ITEM	PART NAME	Q' TY	PART #
MATERIAL / FINISH			

	DRAWN:	Tom	DATE:	06/18' 23
	CHECK:		DATE:	
	APPROVE:		DATE:	
GENERAL TOLERANCE .X ± 0.30 ± 1° .XX ± 0.15 .XXX ± 0.15	PROJECT NAME:		DT-Model H-JB-L天线	
	PART NO:		366N0345	
	TITLE:		DT-Model H-JB-L天线 PCB 白色T0 MMCX-JW WITH RF-1.8L 黑色 L340mm	
SCALE:		1:1		REV. A
UNIT:		mm		SHEET: 1/1
SIZE:		A4		