



Product Specification

P/N: 366N0350

C P/N: 501007453

REV.: X1

Date: 2023/06/18

Protocol: Tom

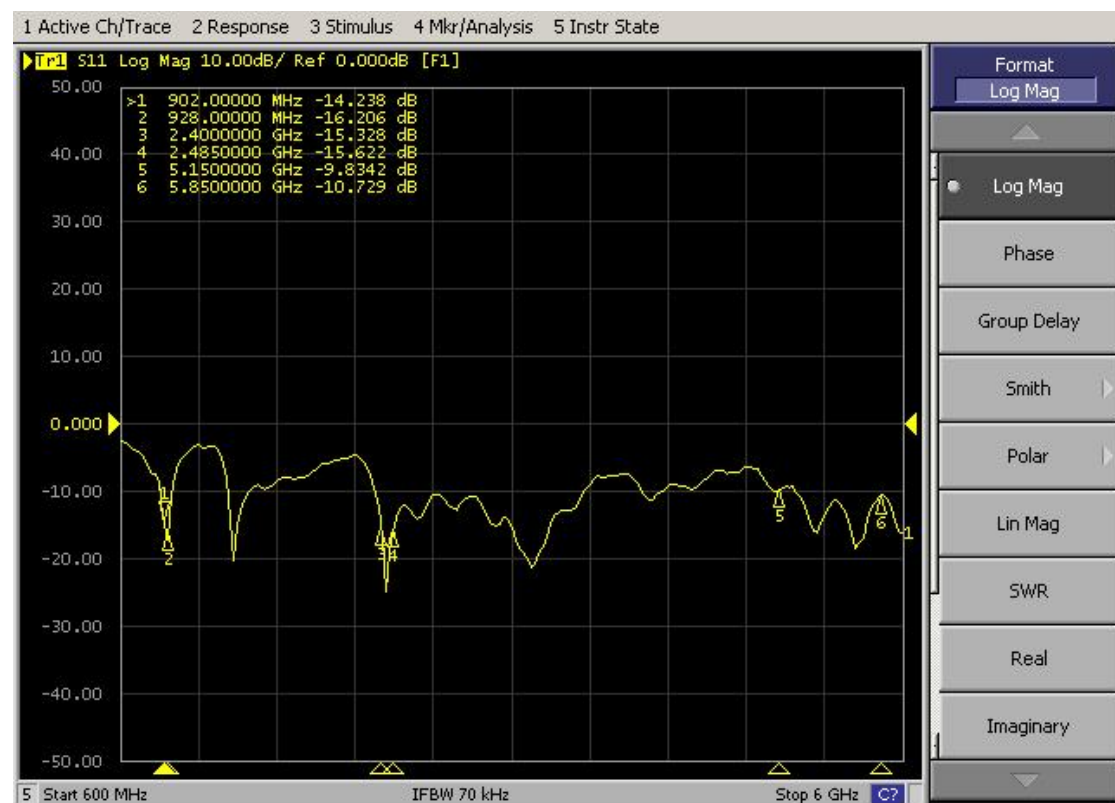
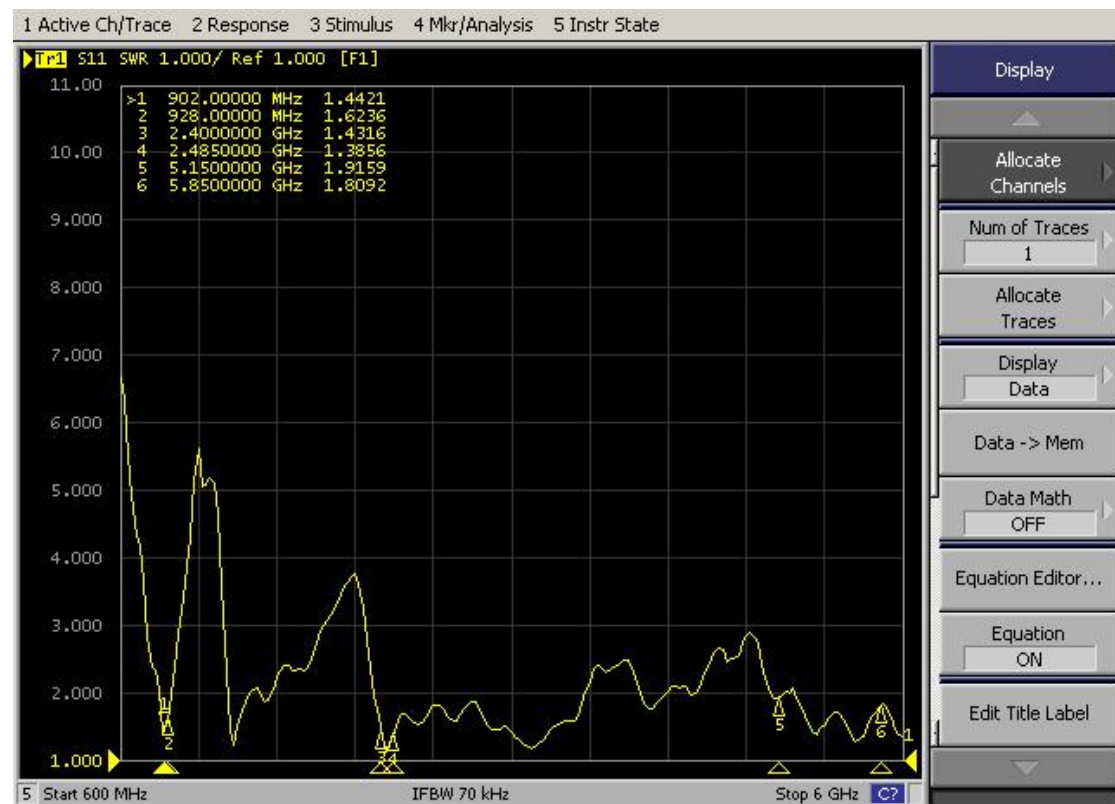
Antenna Specification



Model M 机尾天线 FPC 黑色 TO MMCX-JW WITH RF-1.8L 黑色 L800mm

Item	Specification	Comment
Impedance	50Ω	
Test Condition	Passive test	
Freq. Range	902-928MHz/2400-2500MHz /5150-5850MHz	
Antenna Type	FPC	
Peak Gain	2.21dBi	
VSWR	902-928MHz≤2.0 2400-2500MHz≤2.0 5150-5850MHz≤2.0	
Polarization Type	Vertical	
Radiation Type	Omnidirectional	
Connector Type	MMCX-JW	
RF Cable Type	RF-1.8L	
Dimension	L800mm	
Operating Temp	-30℃ ~ +75℃	
Storage Temp	-30℃ ~ +75℃	

1.SWR/驻波图



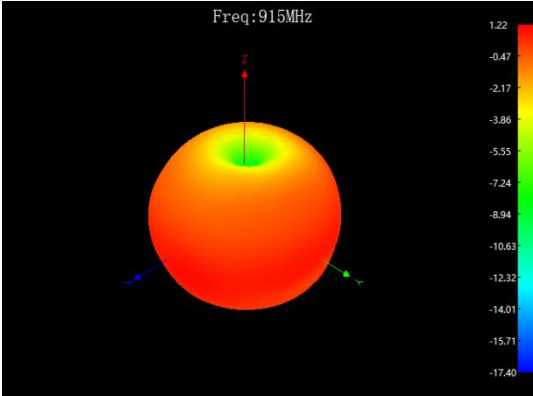
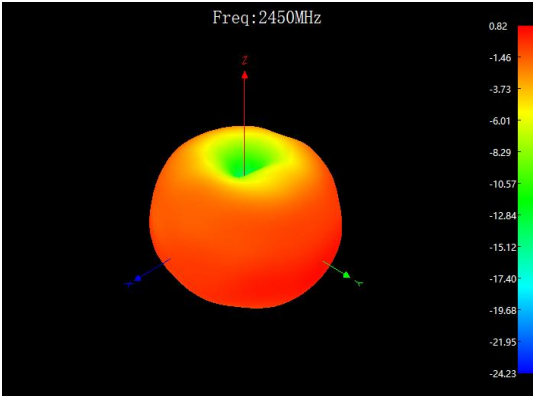
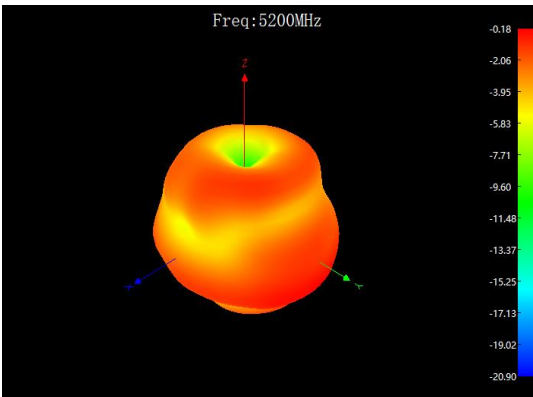
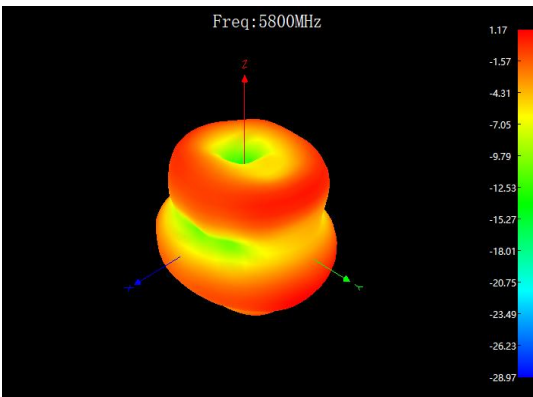
2. Efficiency/ Gain Test 效率测试

Freq (MHz)	Effi (%)	Gain (dBi)
902	68.39	0.93
903	68.87	1.00
904	68.87	1.06
905	69.02	1.13
906	68.39	1.10
907	68.08	1.04
908	67.76	0.96
909	67.45	0.84
910	66.83	0.81
911	67.76	0.96
912	68.08	1.07
913	68.08	1.16
914	68.23	1.20
915	68.71	1.22
916	66.99	1.05
917	66.22	0.91
918	66.07	0.81
919	66.68	0.77
920	67.30	0.73
921	68.08	0.87
922	68.23	0.97
923	67.61	1.04
924	66.22	1.09
925	64.42	1.09
926	63.39	0.94
927	62.81	0.76
928	62.52	0.58
AVG	67.08	0.97

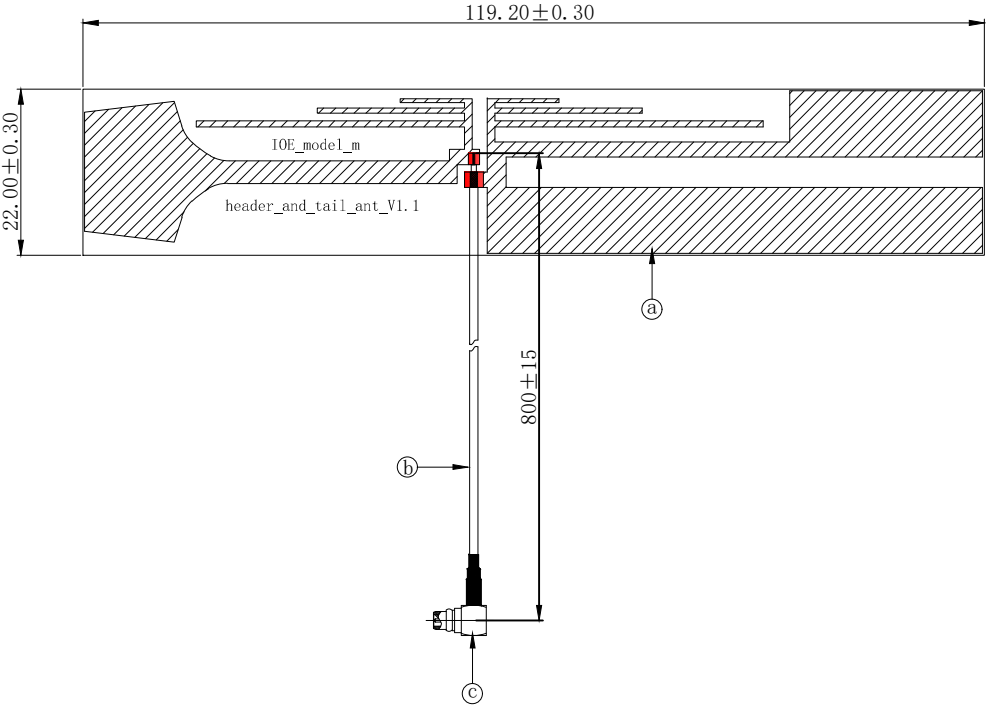
Freq (MHz)	Effi (%)	Gain (dBi)
2400	43.15	-0.10
2410	46.45	0.06
2420	47.86	0.11
2430	51.29	0.42
2440	52.36	0.58
2450	54.70	0.82
2460	57.41	1.26
2470	58.88	1.47
2480	60.95	1.95
2490	59.02	1.88
2500	61.09	2.13
AVG	53.92	0.96

Freq (MHz)	Effi (%)	Gain (dBi)
5150	46.34	0.14
5200	43.85	-0.18
5250	47.97	0.32
5300	54.08	0.91
5350	52.48	1.15
5400	52.36	1.38
5450	58.08	1.62
5500	59.98	2.21
5550	56.89	1.84
5600	54.20	1.76
5650	54.95	1.41
5700	59.70	1.71
5750	63.53	1.90
5800	54.83	1.17
5850	54.83	1.17
AVG	54.27	1.23

3.3D Radiation Pattern/3D 辐射方向图

915MHz	
2450MHz	
5200MHz	
5800MHz	

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。

c	接头	1		MMCX-JW
b	CABLE	1		RF-1.8L/50黑色低损线, L800mm
a	FPC	1		3M9471 1/20Z 黑色 L119.2*W22mm 无卤
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: Model M 机尾天线		REV. A
	PART NO: 366N0350		
TITLE: Model M 机尾天线 FPC 黑色TO MMCX-JW WITH RF-1.8L 黑色 L800mm		SHEET: 1/1	