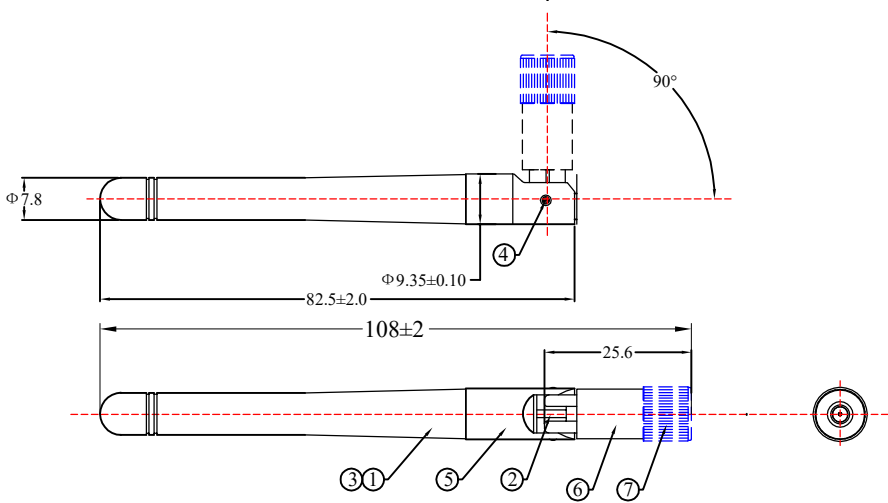




- NOTES:
- 1. ALL MATERIALS MUST MEET RoHS.
 - 2. ELECTRICAL CHARACTERISTICS:
 - 2.1 FREQUENCY RANGE:2.4GHz-2.5GHz/4.9-5.8GHz
 - 2.2 VSWR:≤2.0
 - 2.3 NORMINAL IMPEDANCE:50 OHM
 - 2.4 POLARIZATION:VERTICAL
 - 2.5 GAIN: 2 dBi
 - 3.ENVIRONMENT:
 - 3.1 OPERATION TEMPERATURE:-30°C TO +70°C

7							CONNECTOR	SMA REVERSE STRAIGHT PLUG FOR RG-178 CABLE,BLACK.	1PC	THIRD ANGLE PROJECTION TOLERANCES UNLESS OTHERWISE SPECIFIED <table><tr><td>ONE PLACE DECIMAL</td><td>.X</td><td>N/A</td></tr><tr><td>TWO PLACE DECIMAL</td><td>.XX</td><td>N/A</td></tr><tr><td>THREE PLACE DECIMAL</td><td>.XXX</td><td>N/A</td></tr><tr><td>HOLE DIA. VARIATION</td><td>.XX</td><td>N/A</td></tr><tr><td>ANGULAR DIMENSION (ENG)</td><td></td><td>N/A</td></tr></table>	ONE PLACE DECIMAL	.X	N/A	TWO PLACE DECIMAL	.XX	N/A	THREE PLACE DECIMAL	.XXX	N/A	HOLE DIA. VARIATION	.XX	N/A	ANGULAR DIMENSION (ENG)		N/A	DRAWING APPROVAL			LIJIE CUS: PART No. A25458101 ITEM: 2.4GHz/5.8GHz ANTENNA SHEET: 1 OF 1 CUS REV: N/A EXC REV: 01		
ONE PLACE DECIMAL	.X	N/A																													
TWO PLACE DECIMAL	.XX	N/A																													
THREE PLACE DECIMAL	.XXX	N/A																													
HOLE DIA. VARIATION	.XX	N/A																													
ANGULAR DIMENSION (ENG)		N/A																													
6							ANTENNA BASE	PA+30%GF,COLOR:BLACK	1PC	DWN:																					
5							ANTENNA BASE	PC,COLOR:BLACK	1PC	CHK:																					
4							RIVET	BRASS,BLACK NICKEL PLATED	2PC	APPD:																					
3							GROUND TUSE	Ø5.2x23.0mm COPPER PIPE,MATERIAL:BRASS,INCKEL PLATED.	1PC	SIZE: A4 UNIT: mm																					
2							CABLE	RG-178/U RF COAXIAL CABLE,FEP JACKET, TRANSPARENT BROWN,L=83mm	1PC																						
1							COVER	TPE,COLOR:BLACK	1PC																						
No	ITEM	DESCRIPTION							QTY																						
BILL OF MATERIAL																															
A		B		C		D		E		F																					

LIJIE

CUS: PART No. A25458101

ITEM: 2.4GHz/5.8GHz ANTENNA

SHEET: 1 OF 1 CUS REV: N/A EXC REV: 01

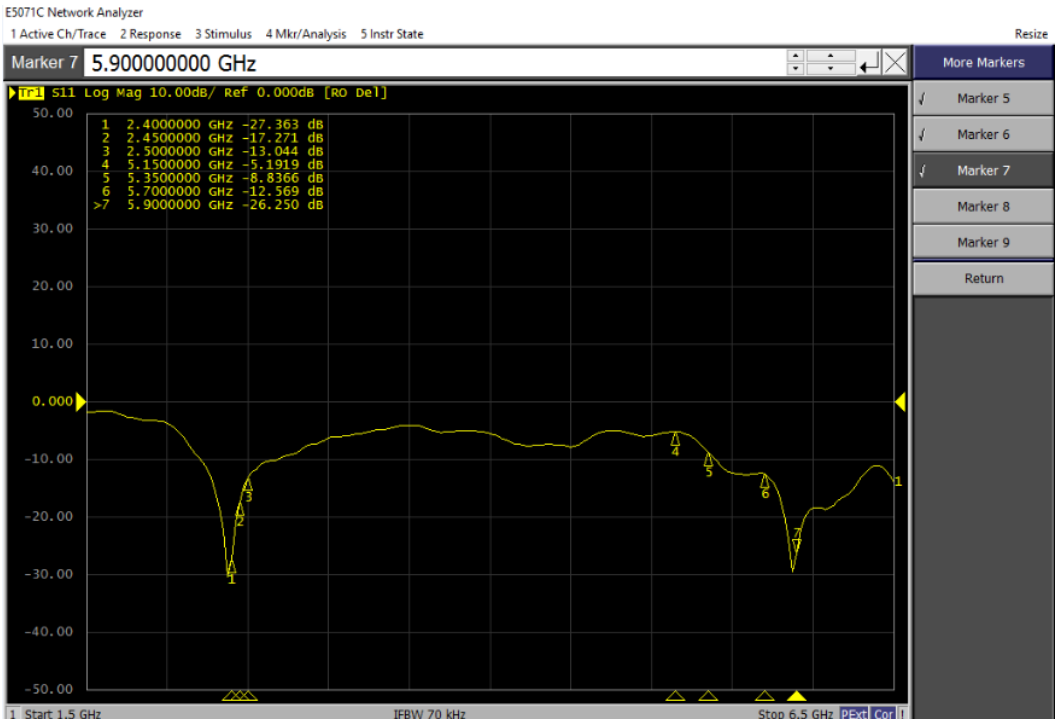
双频胶棒天线测试报告

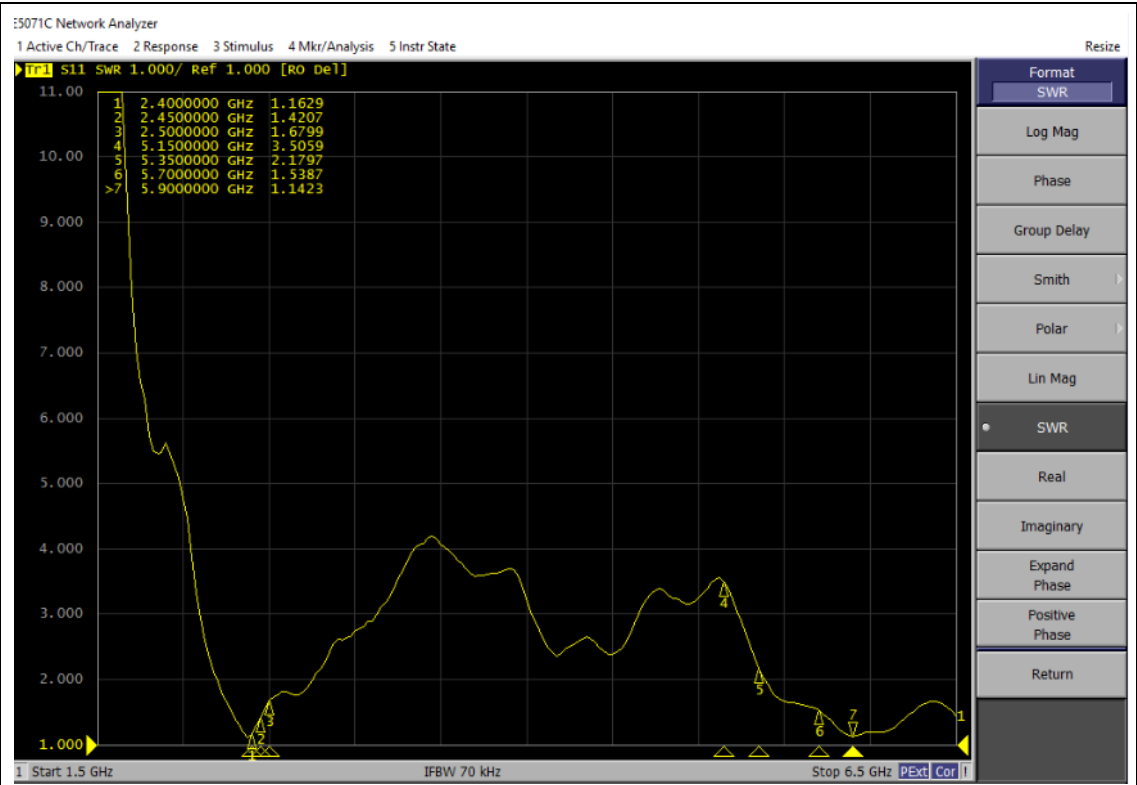
胶棒天线图片：



小胶棒天线 S11 数据：

频率 (MHz)	2400	2450	2500	5150	5350	5700	5900
ReturnLoss	-27.36	-17.27	-13.04	-5.19	-8.83	-12.56	-26.25
VSWR	1.16	1.42	1.68	3.50	2.17	1.53	1.14

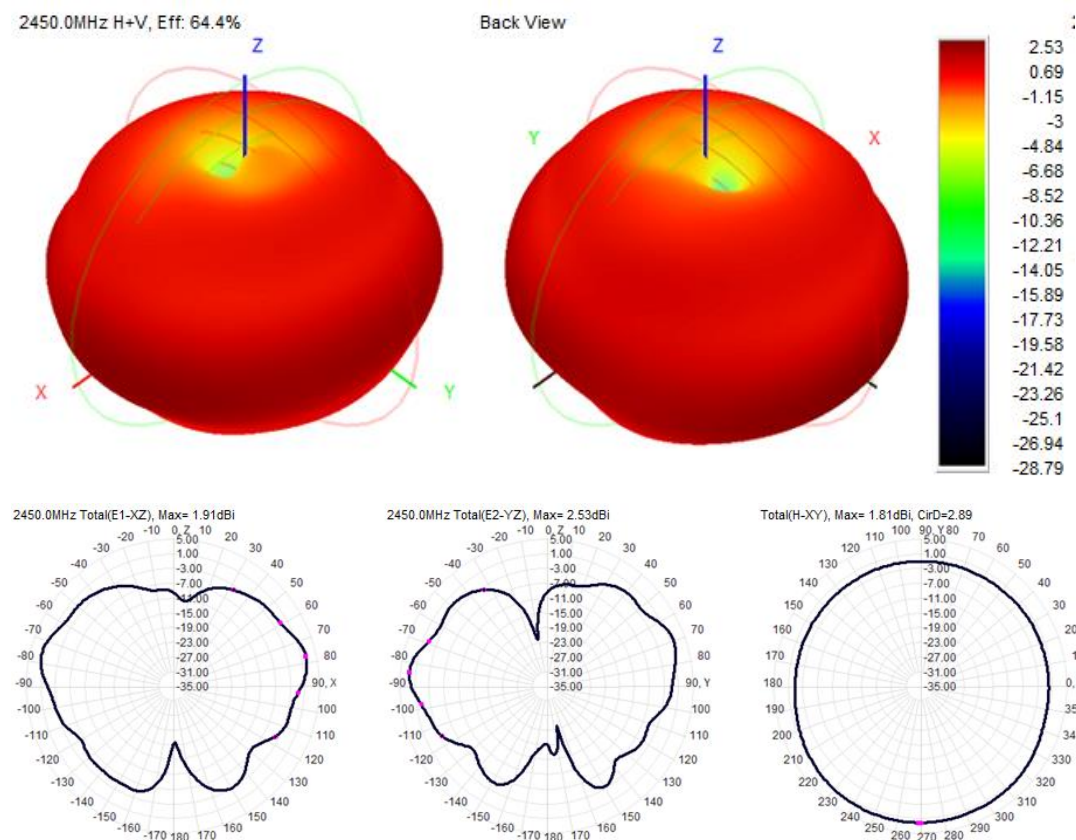




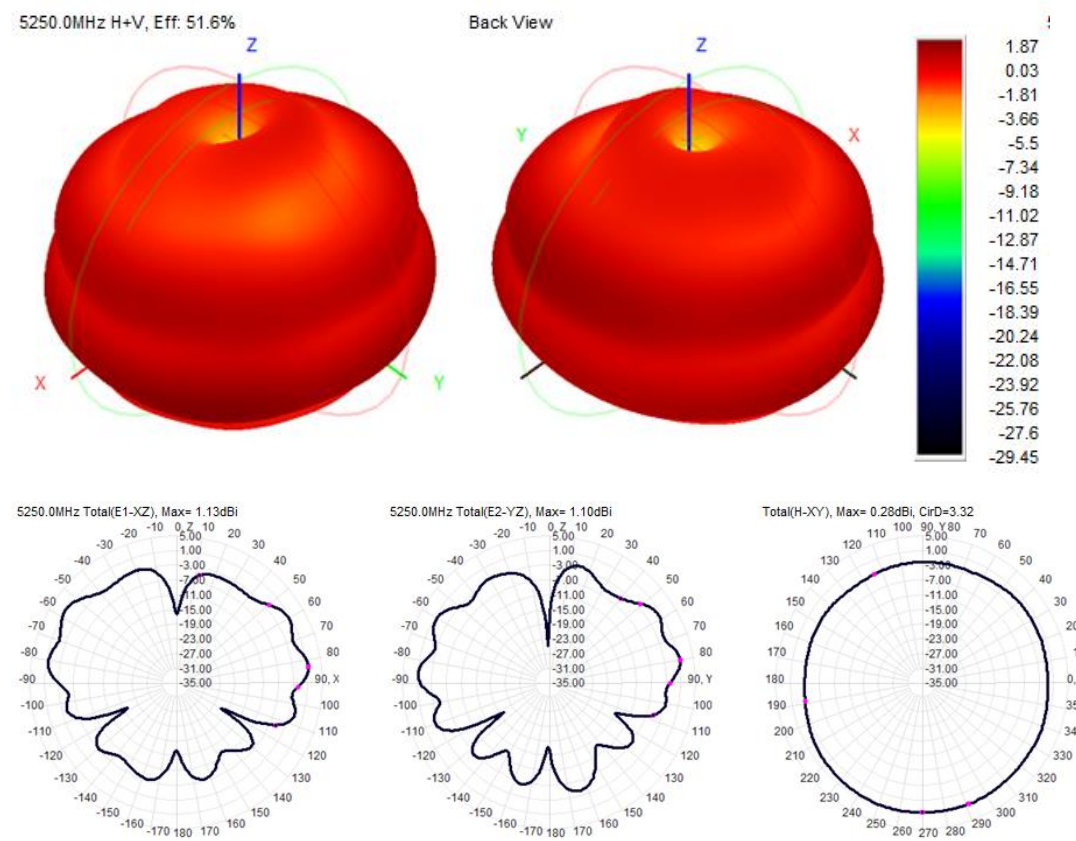
小胶棒天线增益效率和方向图：

Fq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.40	1.78	2.02	2.15	2.40	2.50	2.48	2.29	1.95	1.72	1.75
Efficie (%)	57.2	59.1	59.7	60.6	62.1	64.4	66.2	67.1	65.6	64.2	63.2
Fq (MHz)	5150	5200	5250	5300	5350		5700	5750	5800	5850	
Gain (dBi)	1.07	1.83	1.87	1.28	2.11		2.93	3.16	2.67	2.27	
Efficie (%)	50.2	50.6	51.5	50.8	51.4		57.3	58.2	54.1	52.7	

2450MHz 方向图:



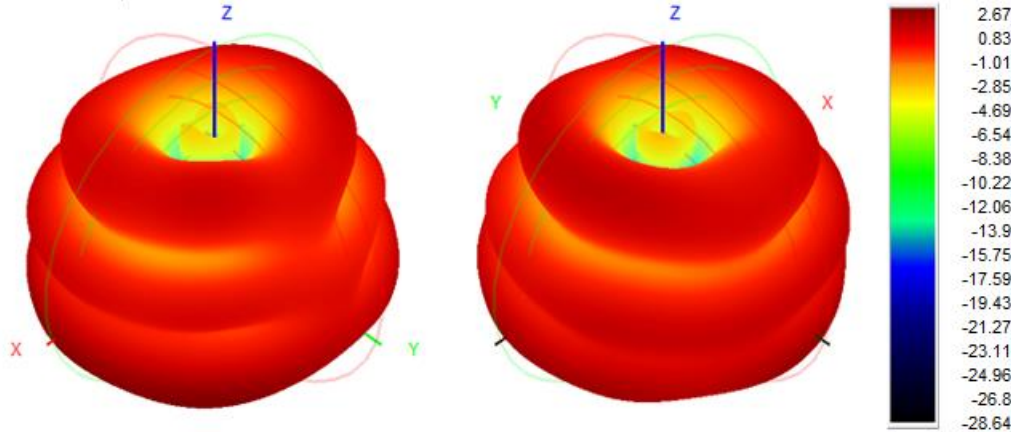
5250MHz 方向图:



5800MHz 方向图:

5800.0MHz H+V, Eff: 54.1%

Back View



5800.0MHz Total(E1-XZ), Max= 2.36dBi

5800.0MHz Total(E2-YZ), Max= 1.76dBi

Total(H-XY), Max= 2.66dBi, CirD=2.28

