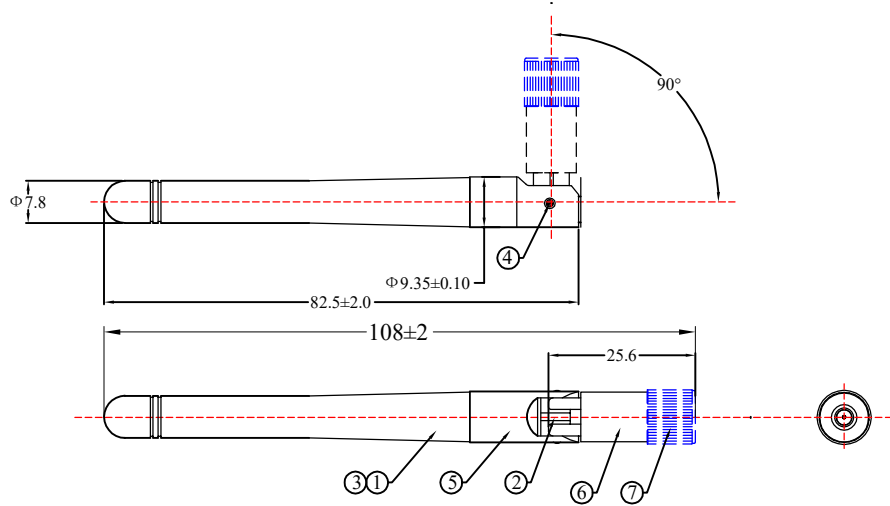




- NOTES:
1. ALL MATERIALS MUST MEET RoHS.
 2. ELECTRICAL CHARACTERISTICS:
 - 2.1 FREQUENCY RANGE:2.4GHz-2.5GHz/4.9-5.8GHz
 - 2.2 VSWR:≤2.0
 - 2.3 NORMINAL IMPEDANCE:50 OHM
 - 2.4 POLARIZATION:VERTICAL
 - 2.5 GAIN: 2 dBi
 - 3.ENVIRONMENT:
 - 3.1 OPERATION TEMPERATURE:-30°C TO +70°C

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>N/A</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	N/A	DRAWING APPROVAL		LIJIE		
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	N/A																																	
6							ANTENNA BASE		PA+30%GF,COLOR:BLACK			1PC		DWN:																					
5							ANTENNA BASE		PC,COLOR:BLACK			1PC		CHK:		CUS:		PART No.																	
4							RIVET		BRASS,BLACK NICKEL PLATED			2PC		APPD:		A25458102		ITEM:																	
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		2.4GHz/5.8GHz ANTENNA		SHEET: 1 OF 1		CUS REV: N/A		EXC REV: 01															
1							COVER		TPE,COLOR:BLACK			1PC																							
No		ITEM		DESCRIPTION							QTY																								
BILL OF MATERIAL																																			

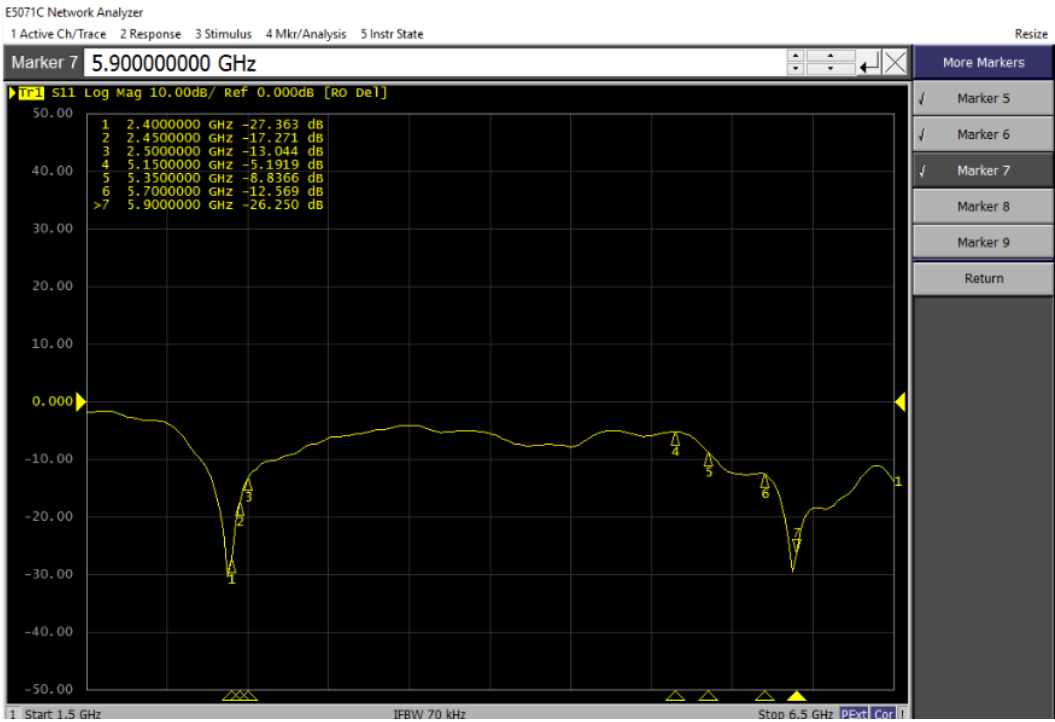
双频胶棒天线测试报告

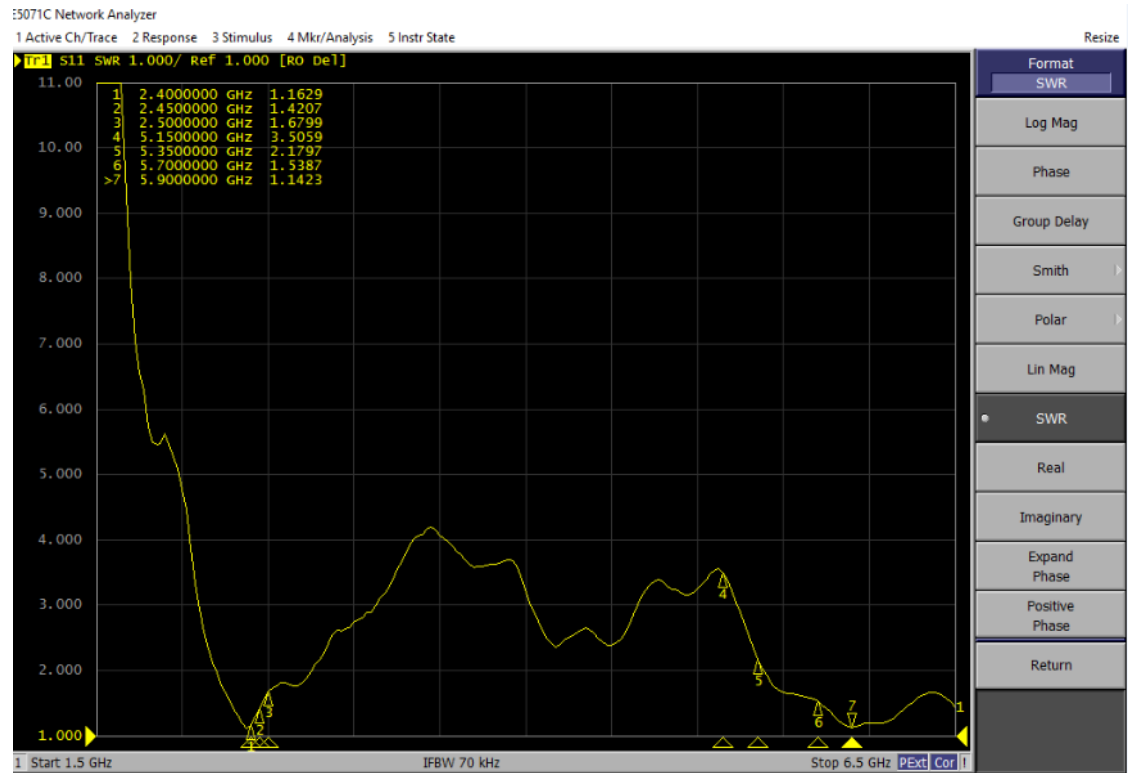
胶棒天线图片：



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





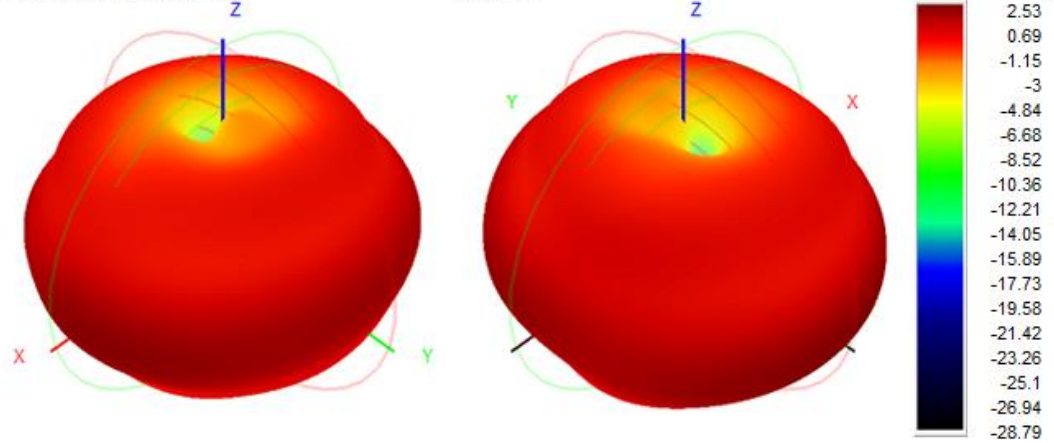
Fq (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.40	1.78	2.02	2.15	2.40	2.50	2.48	2.29	1.95	1.72	1.75
Efficie (%)	57.2	59.1	59.7	60.6	62.1	64.4	66.2	67.1	65.6	64.2	63.2

Fq (MHz)	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650
Gain (dBi)	2.11	1.36	2.51	2.36	3.50	3.10	2.35	1.93	2.24	1.36	1.58
Efficie(%)	53.60	56.30	54.20	56.30	42.30	56.13	48.15	51.02	43.22	51.26	46.10
Fq (MHz)	5150	5200	5250	5300							
Gain (dBi)	2.61	2.36	1.95	1.68							
Efficie(%)	51.36	51.36	54.10	52.33							

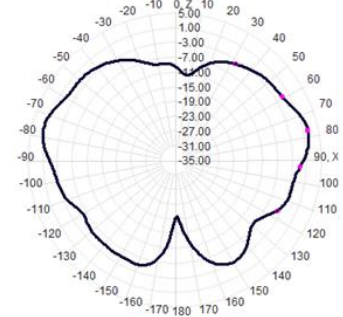
2450MHz

2450.0MHz H+V, Eff: 64.4%

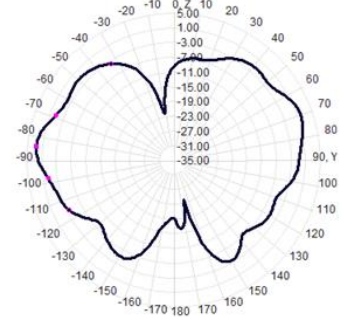
Back View



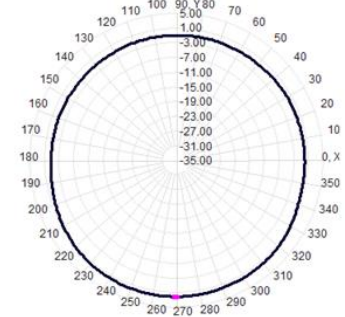
2450.0MHz Total(E1-XZ), Max= 1.91dBi



2450.0MHz Total(E2-YZ), Max= 2.53dBi



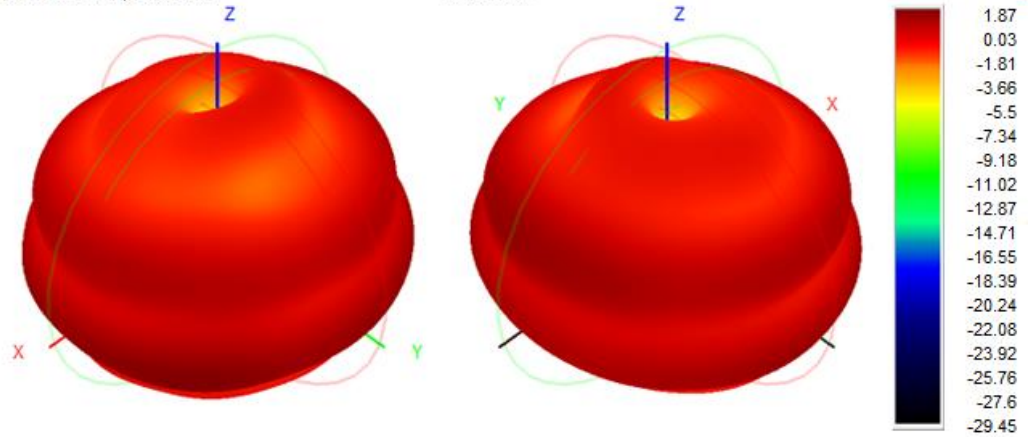
Total(H-XY), Max= 1.81dBi, CirD=2.89



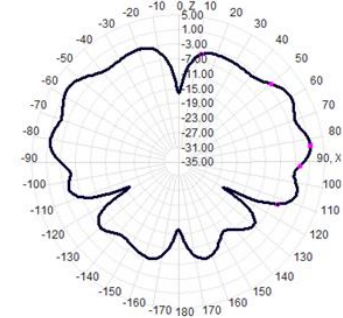
5250MHz

5250.0MHz H+V, Eff: 51.6%

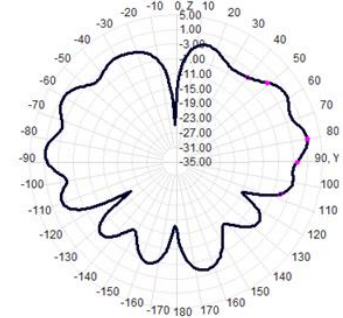
Back View



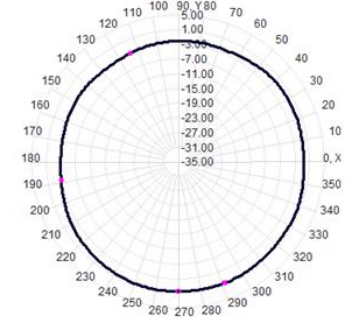
5250.0MHz Total(E1-XZ), Max= 1.13dBi



5250.0MHz Total(E2-YZ), Max= 1.10dBi



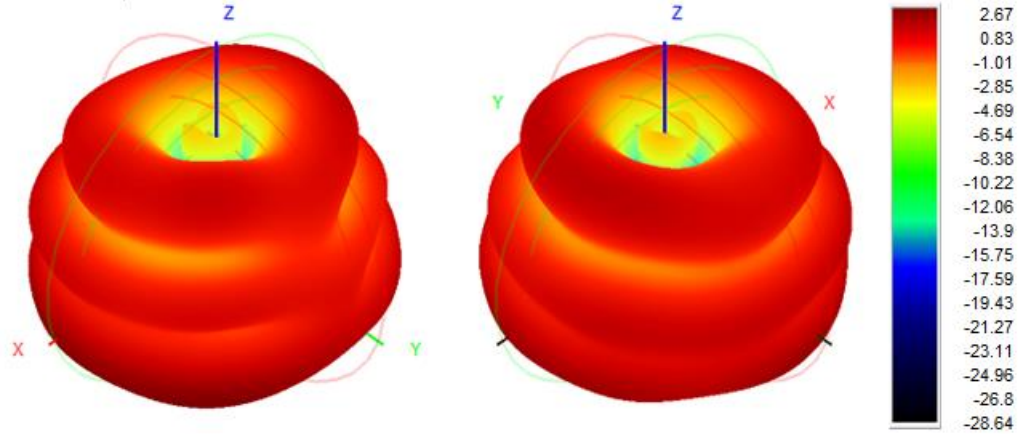
Total(H-XY), Max= 0.28dBi, CirD=3.32



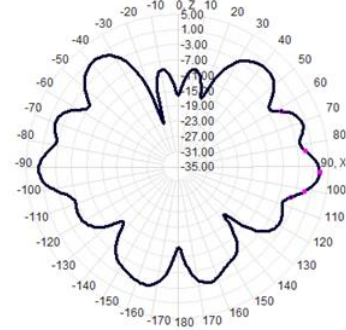
5800MHz

5800.0MHz H+V, Eff: 54.1%

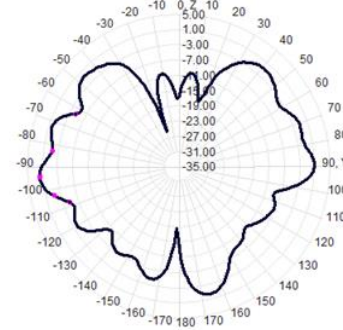
Back View



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

