

PFP25-RF_WIFI_B 天线

产品规格书

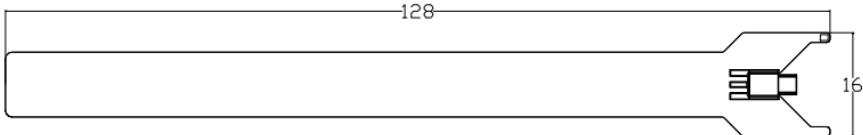


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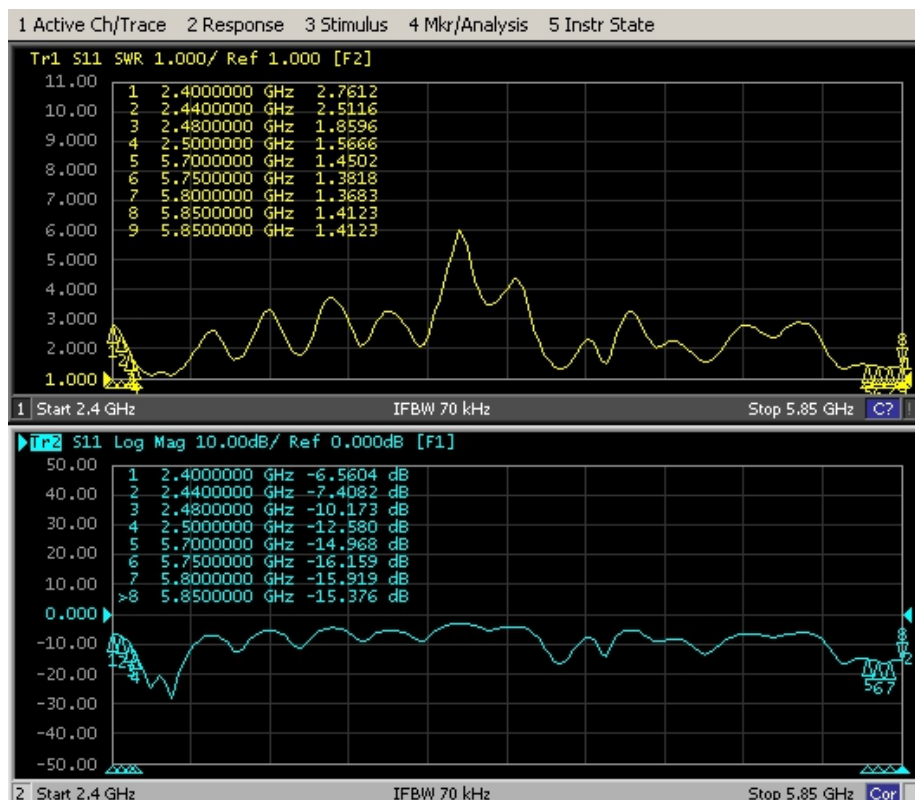
2025/5/7

Drawner	Checker	Approver
Yao Xiangxi	Wang Keqiao	Deng Haibo

1. Specifications

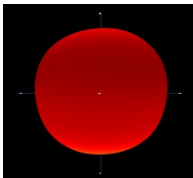
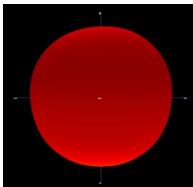
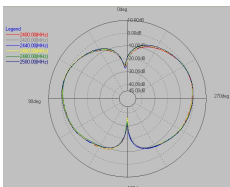
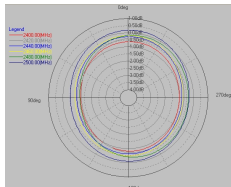
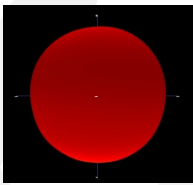
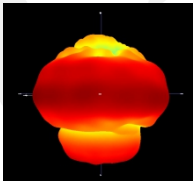
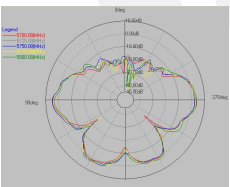
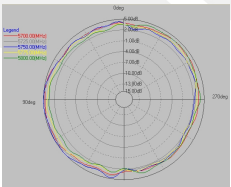
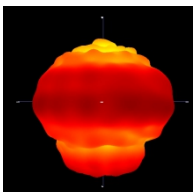
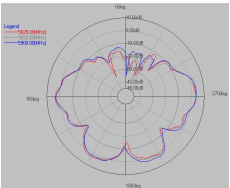
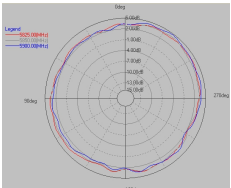
Product name:	Antenna	
Product number:	PFP25-RF_WIFI_B	
1.Electrical Specifications		
Frequency(MHz)	2400-2500	5700-5850
S.W.R.	≤3	≤2
Gain(dBi)	0.8	5.19
Efficiency	50%	60%
Polarization	Verical	
Impedance(Ohm)	50	
2.Mechanical Specifications		
Connector Type	MMCX(Male)	
Antenna Dimension(mm×mm)	128×16	
3.Environmental Specifications		
Storage Temperature	- 40℃ ~ +80 ℃	
Operation Temperature	- 40℃ ~ +80 ℃	
4.Test Condition and Procedure		
V.S.W.R	Set DUT on Network Analyzer,make individual calibration to test	
Gain	Set DUT on Chamber,make individual calibration to test	
5.Antenna Dimensions Diagram		
		

2. Antenna S Parameter Test Data



3. Antenna Radiation Parameter Test Data

Frequency ID	1	2	3	4	5	6	7	8
Frequency(MHz)	2400	2440	2480	2500	5700	5750	5800	5850
Gain(dBi)	0.55	0.71	0.69	0.8	5.06	5.19	4.69	4.29
Efficiency(%)	55.19	58.27	57.52	60.26	62.78	66.46	62.85	62.91

Frequency(MHz)	3D Pattern	Vertical Pattern	Horizontal Pattern
2400			
2440			
2500			
5700			
5800			
5850	