



1. Electrical Performance

A.Electrical Characteristics	
S.W.R	$\leq 2.0@2400-2500\text{MHz}$
Frequency Range(MHz)	2400-2500MHz
Impedance	50 Ohm
Gain	MAX: 3.79dBi@2400-2500MHz
B.Material	
Connector	IPEX
Cable Length	80MM
Cable	1.13
C.Environmental	
Operation Temperature	-20℃~65℃
Storage Temperature	

2. Measurement Setup

(1) Reflection coefficient Measurement:

(a) **Instrument:** Network Analyzer

(b) Setup:

(I) Calibrate the Network Analyzer by one port calibration using Agilent calibration kits.

(II) Connect the antenna under test to the Network Analyzer

(III) Measure the S11 (reflection coefficient) shown in Fig.1

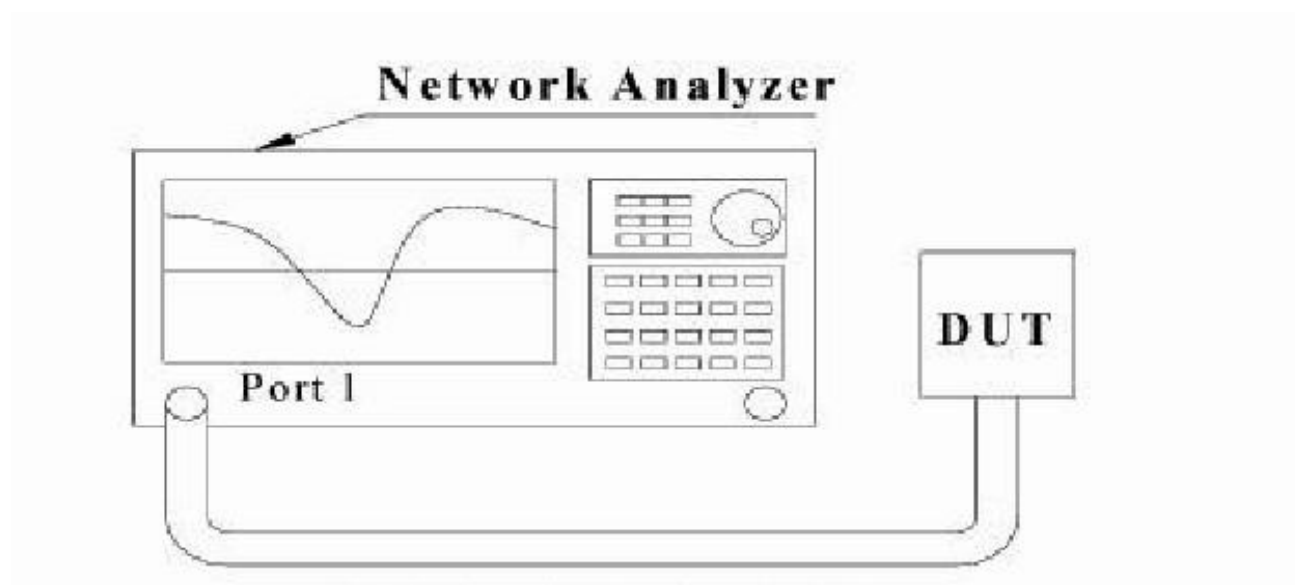


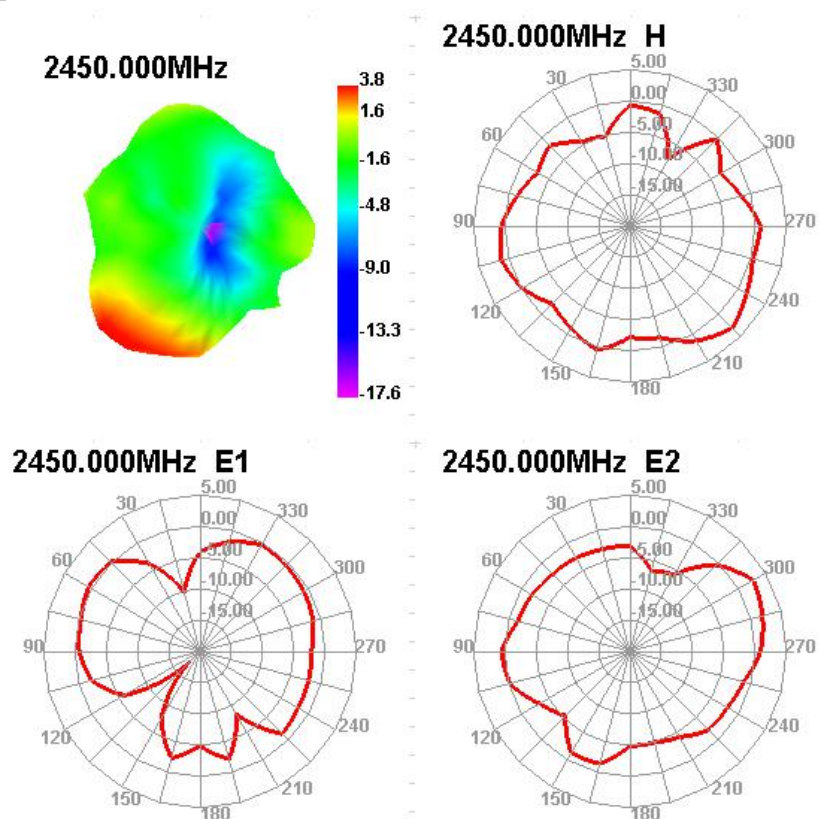
Fig. 1 Measure S11 on Network Analyze



福州捷雷电子科技有限公司
Fuzhou JieLei Electronic Technology Co.,Ltd.

文档编码: FRKF-0007 版本: 1.1

Freq (MHz)	Effi (%%)	Max (dB)
2400	65.66	3.76
2410	65.73	3.78
2420	65.88	3.79
2430	64.67	3.61
2440	66.19	3.65
2450	67.69	3.77
2460	66.6	3.67
2470	67.73	3.78
2480	67.29	3.75
2490	69.08	3.79
2500	68.46	3.68





3. Mechanical Dimension Drawing

