

Antenna test report

天线测试报告

-RF sister

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聚焦 · 开放 · 分享

1. Antenna size

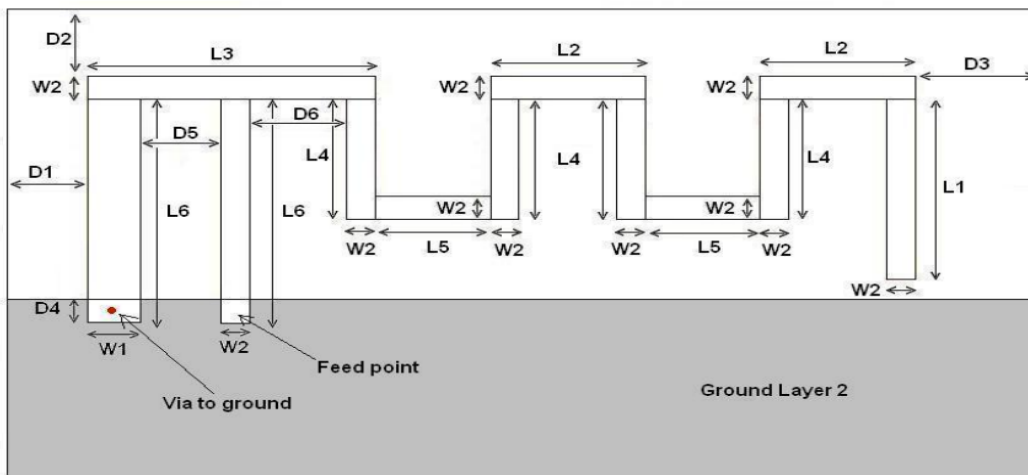


Figure 3: Antenna Dimensions

L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

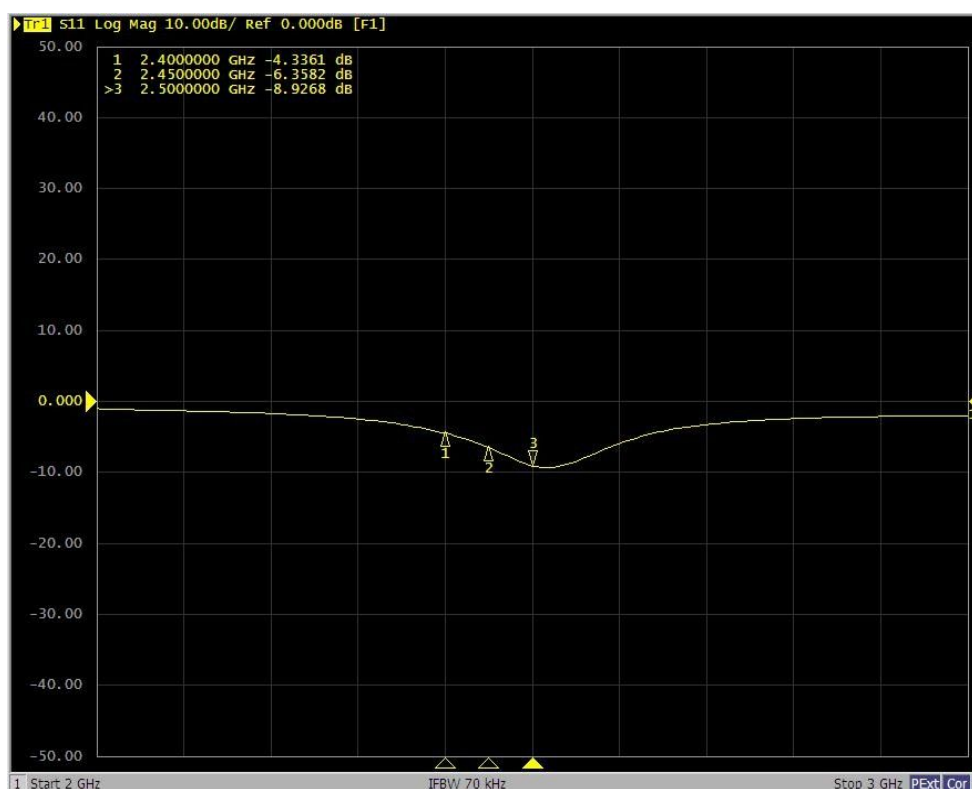
Table 1: Antenna Dimensions

2.Electrical Characteristics

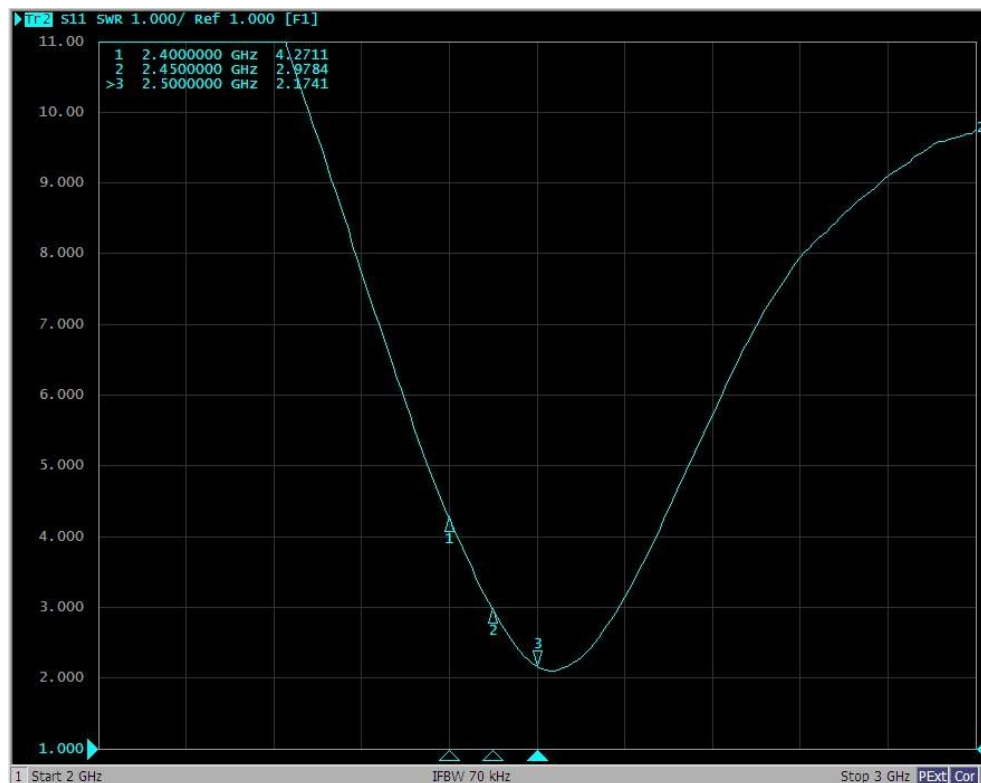
No.	Item	Specifications
1	Frequency	2400-2500 MHz
2	Band Width	1 M
3	Max Gain	-3dbi
4	V.S.W.R (in BW)	≤4. 3
5	Polarization	Linear
6	Azimuth Beam width	Omni-directional
7	Impedance 阻抗	50

3.Return Loss and Smith Chat

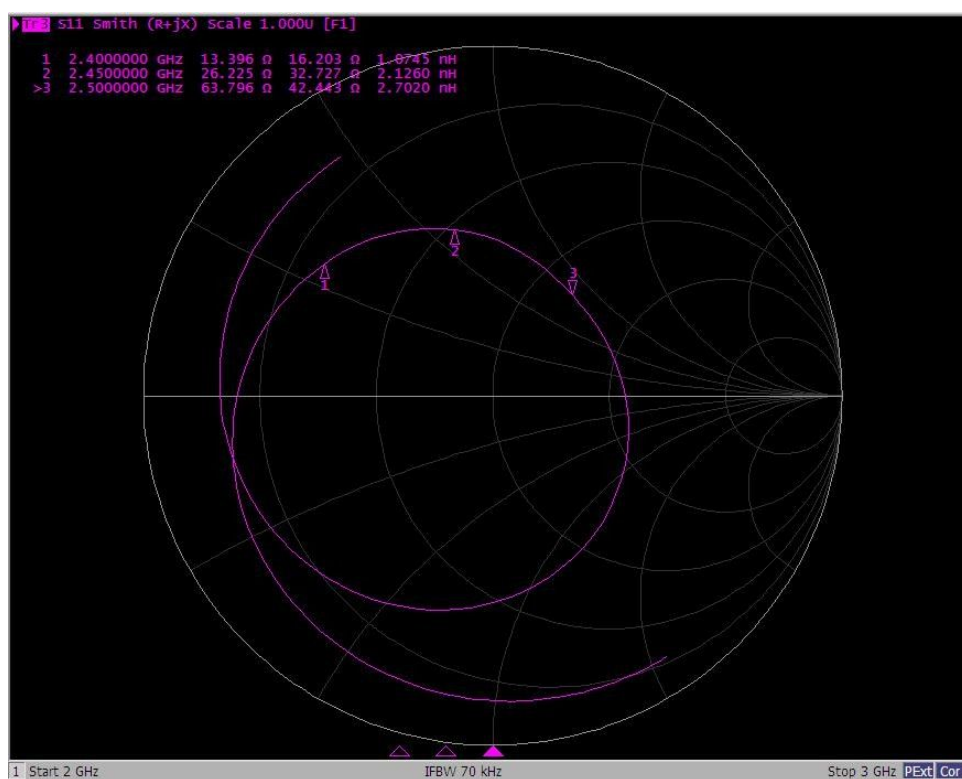
Return Loss



V.S.W.R



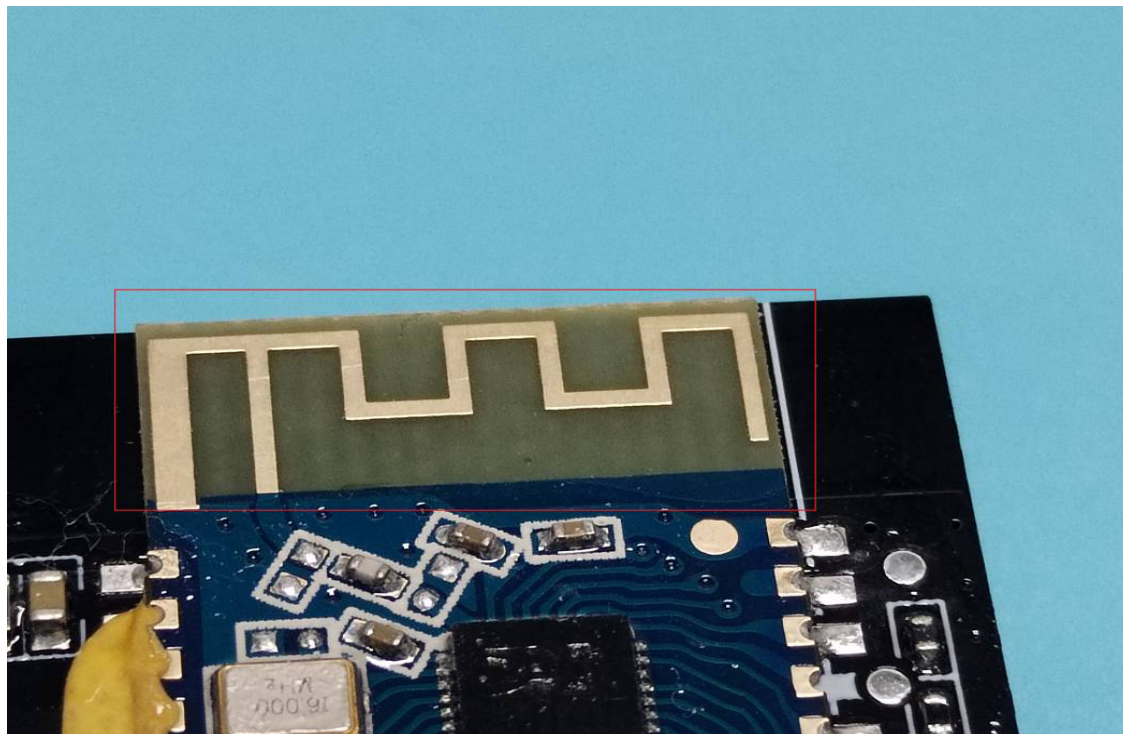
Smith Chat



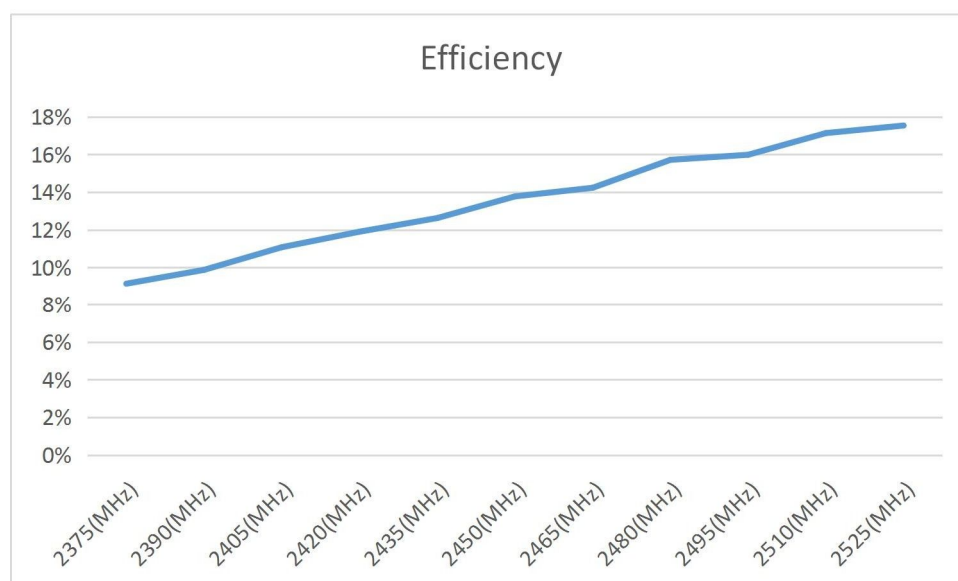
4. Physical Test Environment

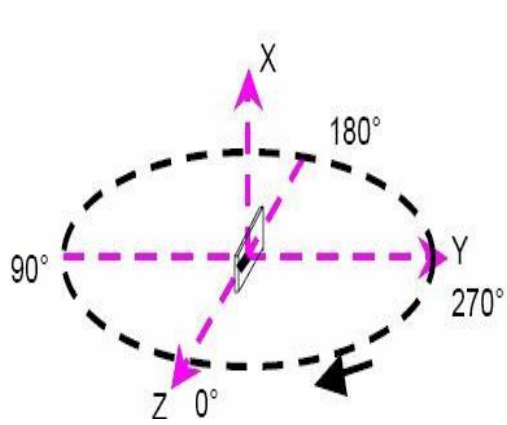
E5071C 网络分析仪

5. Shape of the antenna

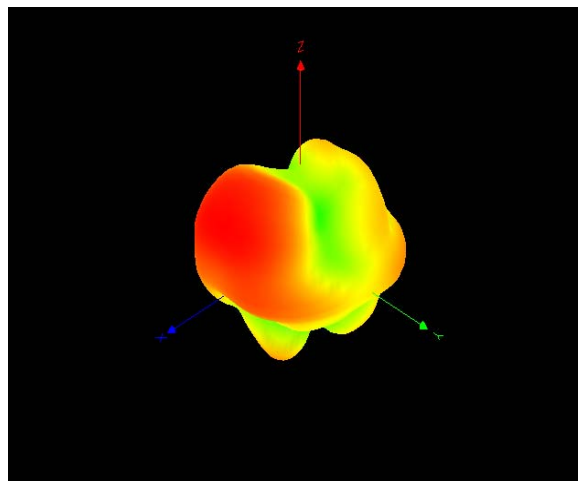


Efficiency:

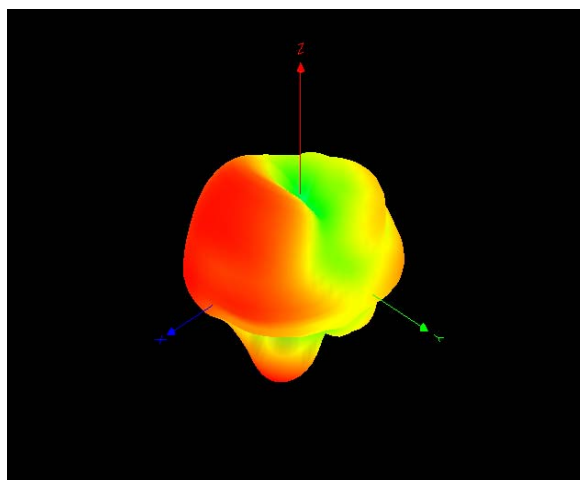




2400MHz



2450MHz



2500MHz

