

ANTENNA SPECIFICATION

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1. 项目信息 Project Information

1.1.外观尺寸 Appearance and Dimensions



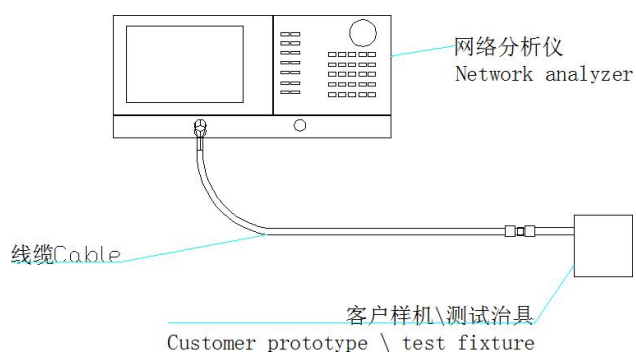
Code	Size (mm)	Error	Shield wire color	Terminal model
A	230	± 2	black	First generation terminals
B	3	± 0.3		
C	26	± 1		
D	1.13	± 0.1		

2. 电气性能 Electrical Characteristics

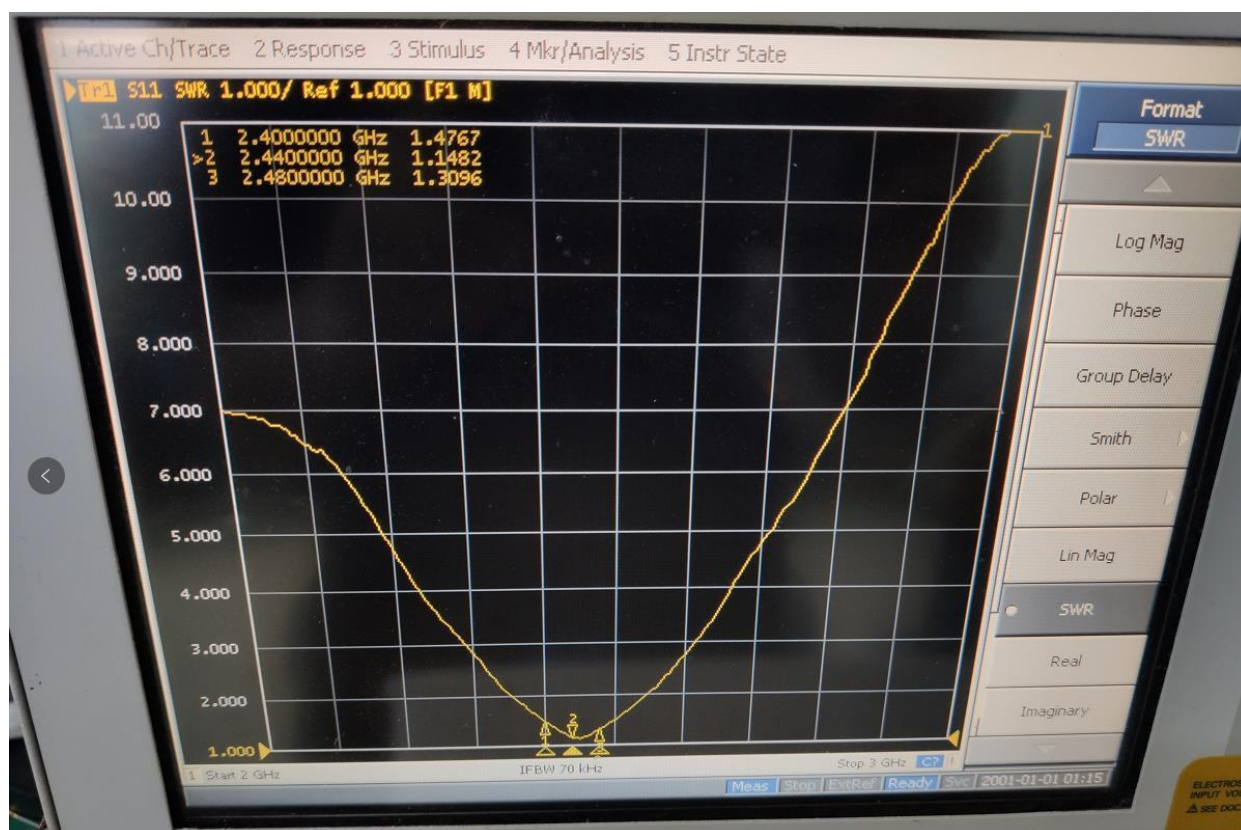
2.1.测试环境条件 Test Environment Conditions

温度 Temperature	Ordinary Temperature (5 to 35℃)
湿度 Humidity	Ordinary Humidity (25 to 85% RH)

2.2.测试方法 Measurement method

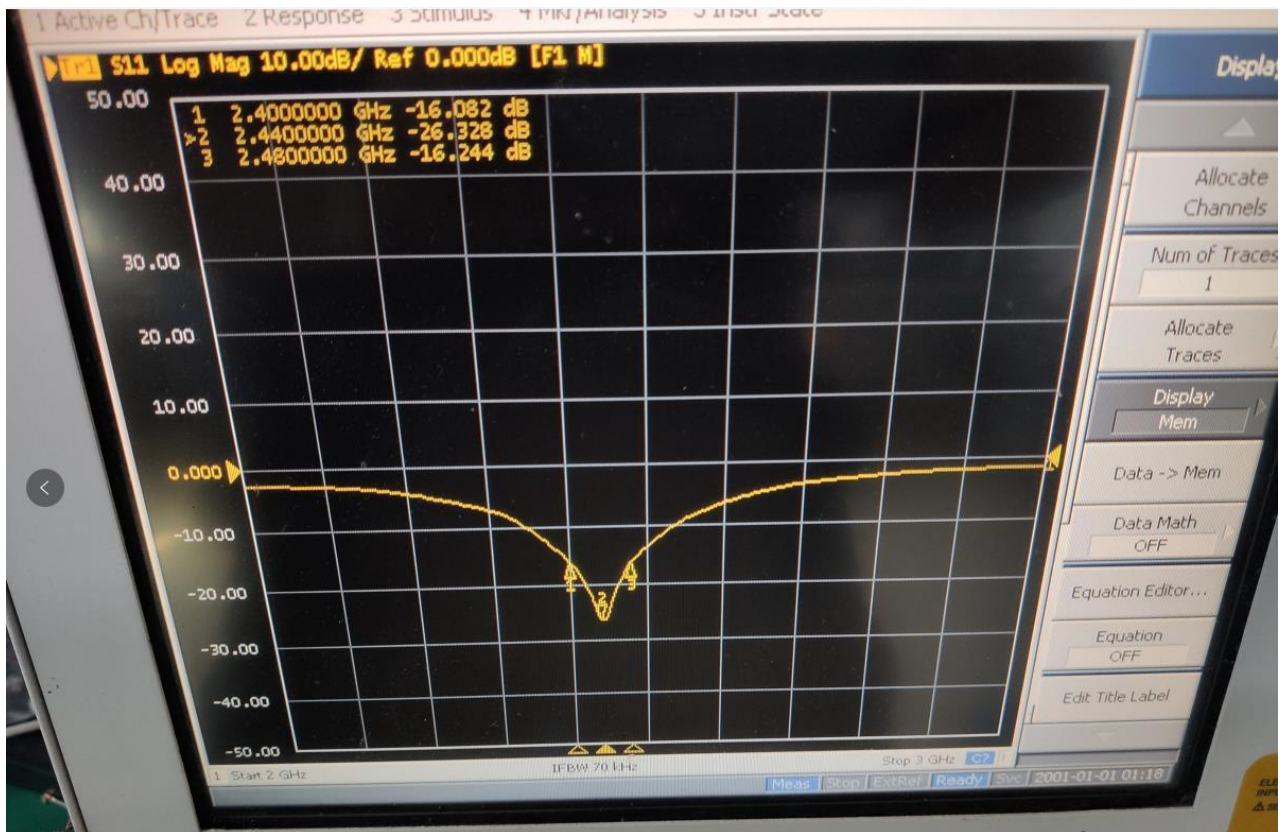


2.2.1. 天线电压驻波比 Antenna VSWR



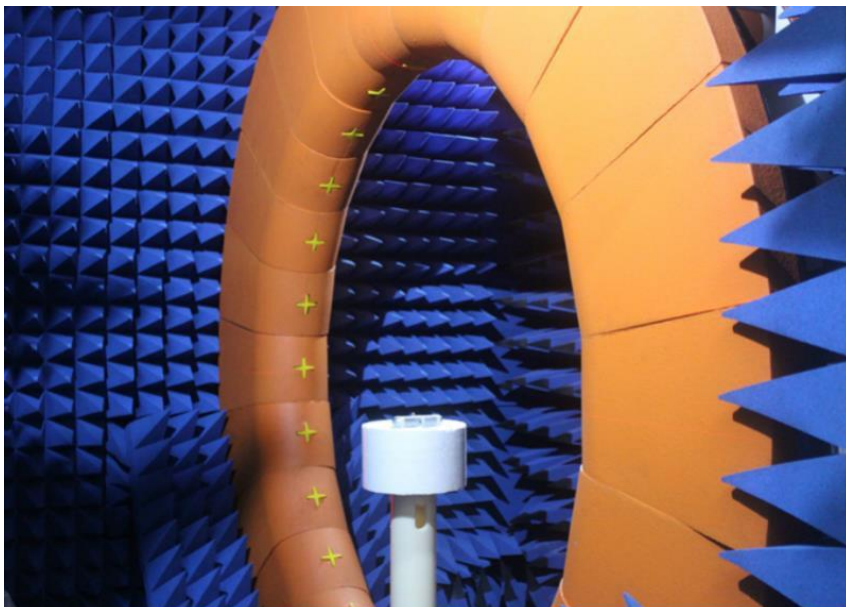
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2.2.2. 天线回波损耗 Antenna Return loss



2.3. 天线无源测试数据 Antenna passive test data

2.3.1. 测试系统 Test system

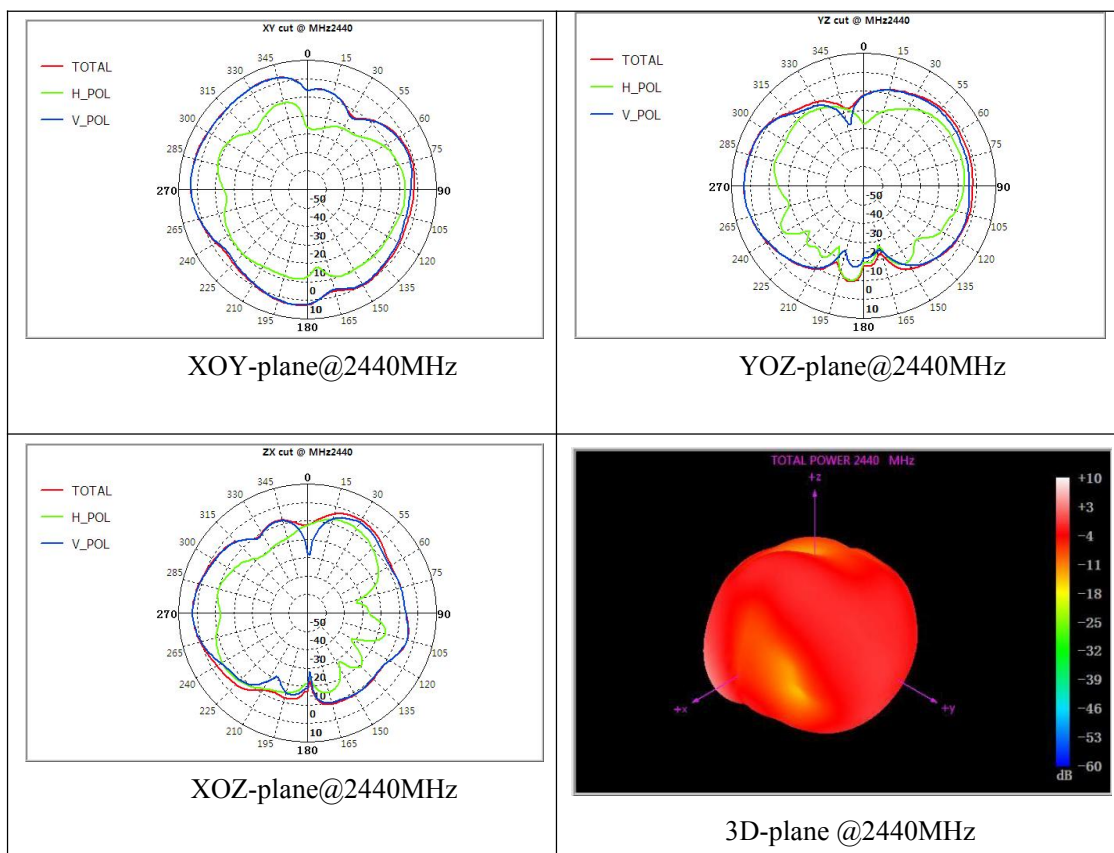


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2.3.2 天线效率及增益 Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	2.35	52.63
2410 MHz	2.57	55.15
2420 MHz	2.91	56.34
2430 MHz	3.05	58.5
2440 MHz	3.08	60.37
2450 MHz	3.25	62.67
2460 MHz	3.02	61.52
2470 MHz	2.96	59.23
2480 MHz	2.85	57.55
2490 MHz	2.73	56.29
2500 MHz	2.68	55.09

2.3.2. 天线辐射方向图 Antenna Radiation Pattern



3.备注 Notes

1. Be careful not to be too close to the metal part during installation to avoid affecting antenna performance.
2. This antenna is only suitable for this model, and the position of the antenna cannot be changed arbitrarily. If it is used on other machines and results in poor performance, it is not related to our company.
3. The data used in this acknowledgment letter (such as antenna efficiency, gain, etc.) are all data obtained from the laboratory testing of this acknowledgment project/antenna at Shenzhen Feimin Technology Co., Ltd