

ANTENNA SPECIFICATION

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Revision history

Version	date	comment
A1	2024-1-2	Version 1.0

Manufacturer and Factory Information

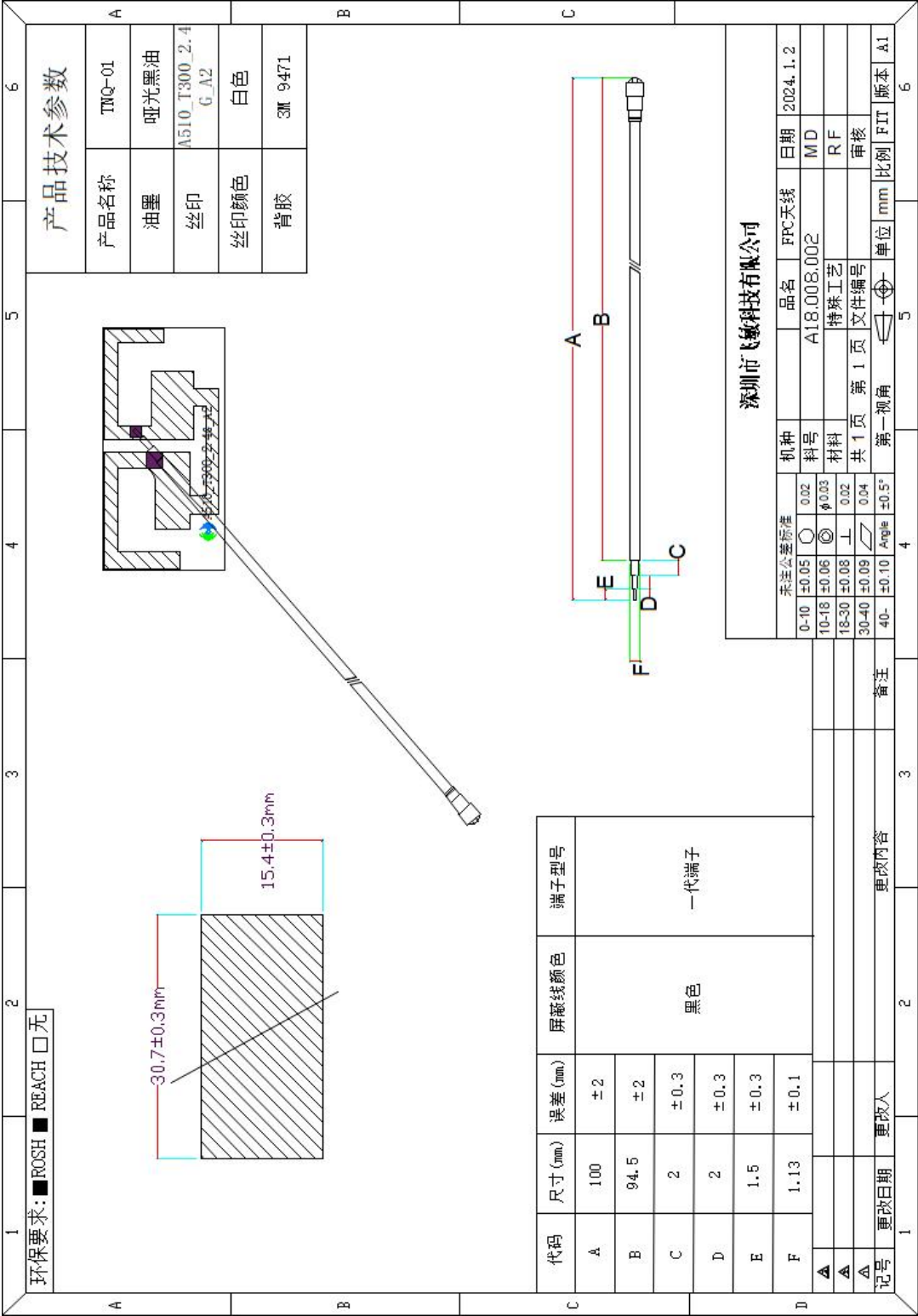
Applicant:	Shenzhen Feimin Technology Co.,Ltd
Applicant Address:	Room 801, Keyunda e-commerce base, no. 4 shenghui road, Guxing community, xixiang subdistrict, bao 'an district, shenzhen city .
Manufacturer:	Shenzhen Feimin Technology Co.,Ltd
Manufacturer Address:	Room 801, Keyunda e-commerce base, no. 4 shenghui road, Guxing community, xixiang subdistrict, bao 'an district, shenzhen city .
Product Name:	TNQ-01-2.4G-A2



Signature_____

1. Project Information

1.1. Appearance and Dimensions

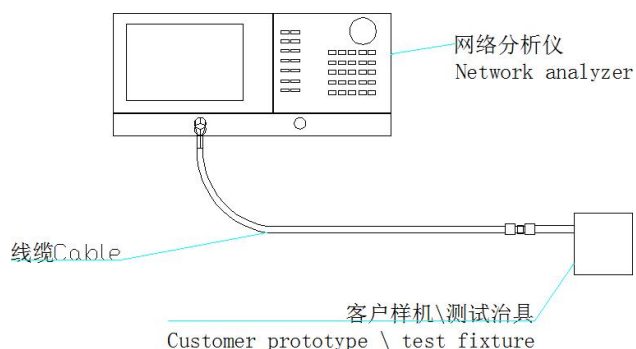


2. Electrical Characteristics

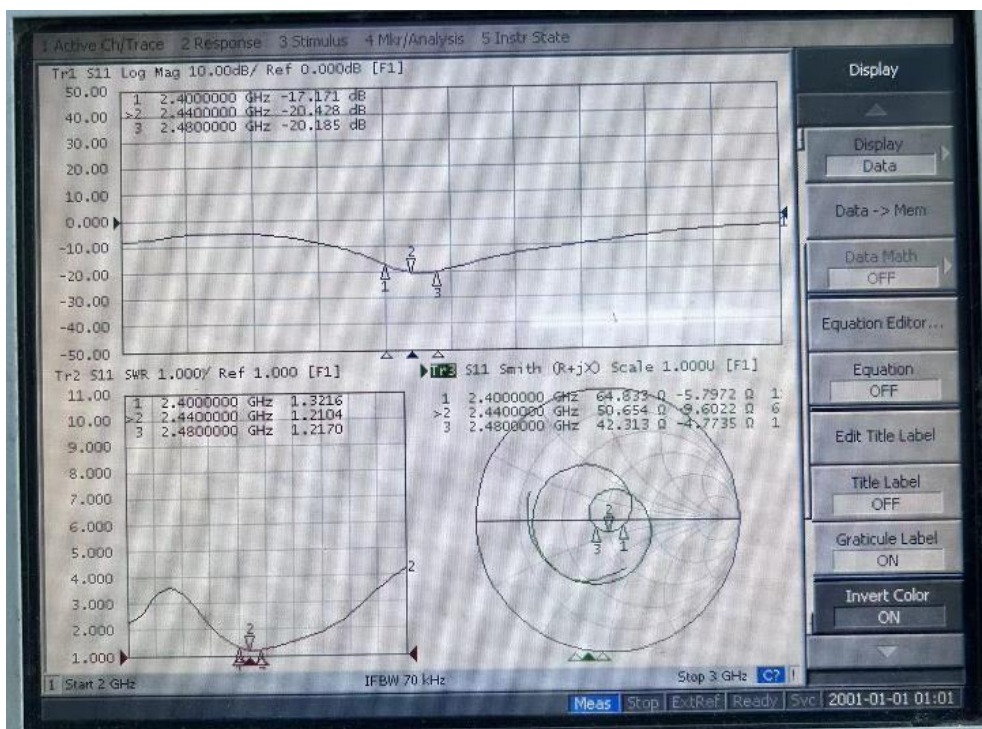
2.1. Test Environment Conditions

physical features	
Temperature	Ordinary Temperature (5 to 35℃)
Humidity	Ordinary Humidity (25 to 85% RH)

2.2. Measurement method



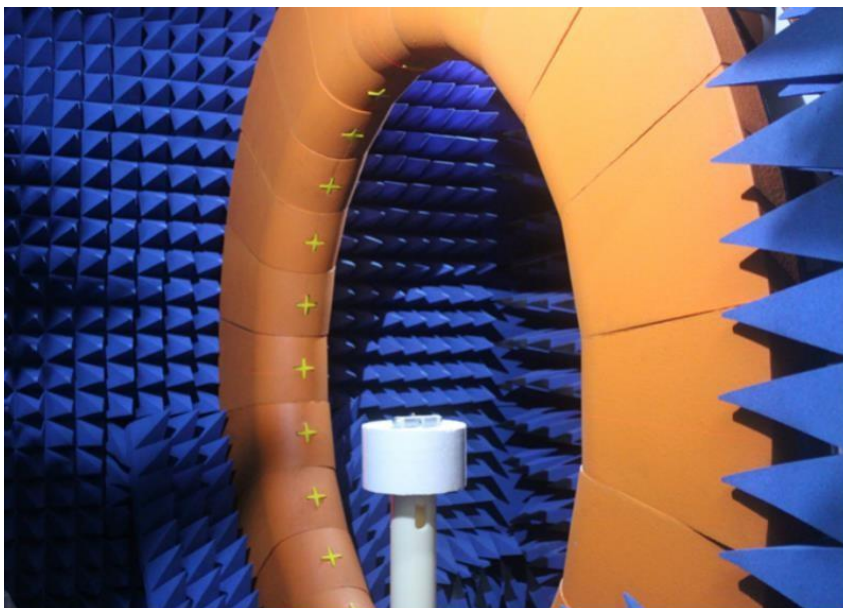
2.2.1. Antenna VSWR Antenna Return loss smith chart



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2.3. Antenna passive test data

2.3.1. Test system



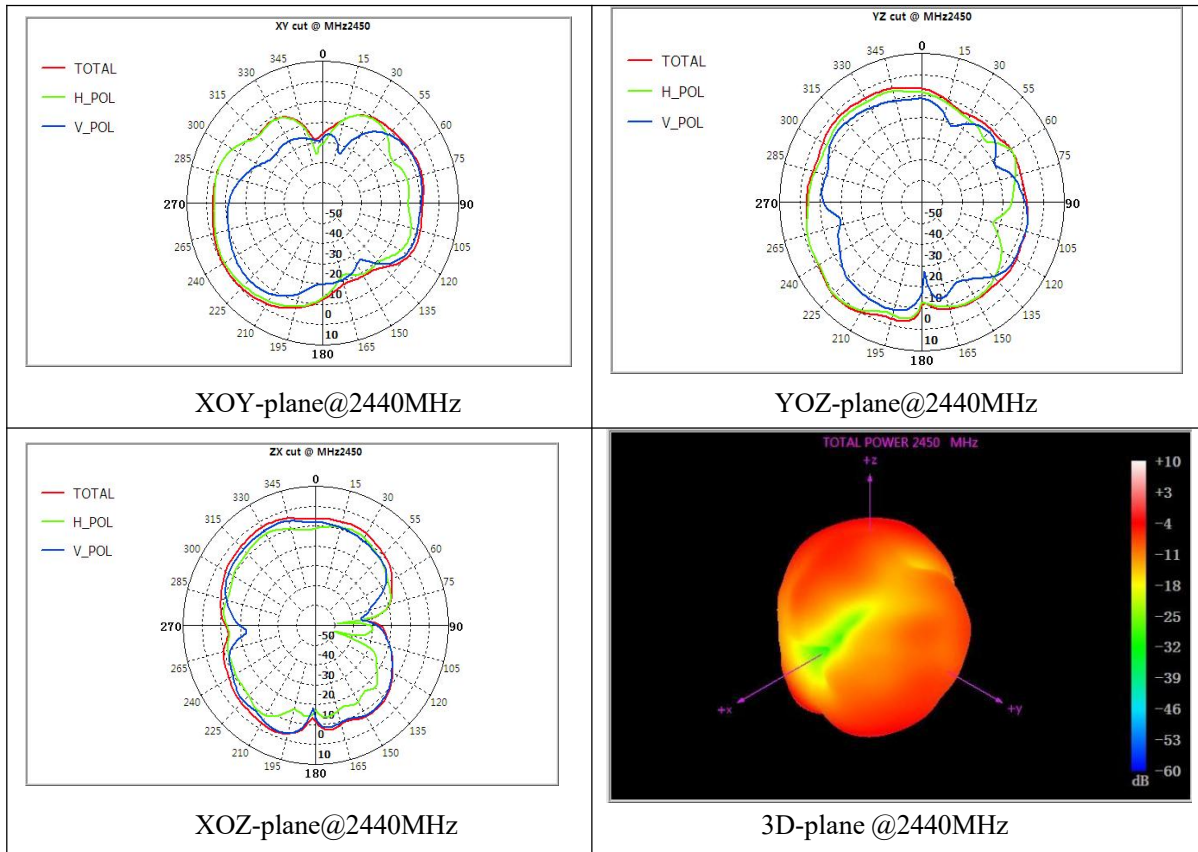
深圳市飞敏科技有限公司（24 探头 OTA 微波暗室）

2.3.2 Antenna efficiency and gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400 MHz	42.04	1.85
2410 MHz	41.19	1.93
2420 MHz	40.93	2.28
2430 MHz	42.88	2.37
2440 MHz	43.53	2.51
2450 MHz	43.11	2.3
2460 MHz	40.84	2.15
2470 MHz	40.47	2.15
2480 MHz	43.02	2.19
2490 MHz	40.42	2.48
2500 MHz	42.87	2.77

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2.3.2. Antenna Radiation Pattern



3. Notes

1、When installing, be careful not to place it too close to the metal parts to avoid affecting the antenna performance.

2、This antenna is only applicable to this model. The position of the antenna cannot be changed at will. If it is used on other machines and the effect deteriorates, our company will not be held responsible.

The data used in this recognition (such as antenna efficiency, gain, etc.) are all obtained from the laboratory tests of this recognition project/antenna at Shenzhen Feimin Technology Co., LTD