



ShenZhen City FeiMin Technology CO., LTD.

Product Recognition Letter

SPECIFICATION FOR APPROVED

CUSTOMER: Shenzhen ESean Chuang Zhan Electronics Co., Ltd.

PRODUCTS: FPC Antenna

PART NO:

Spec. : FM-S1448-T6JLR

Date: 2023. 12. 27

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY
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REMARK: Please send us one (or copy) of this approval with stamp after accepting, other copies filed by the customer.

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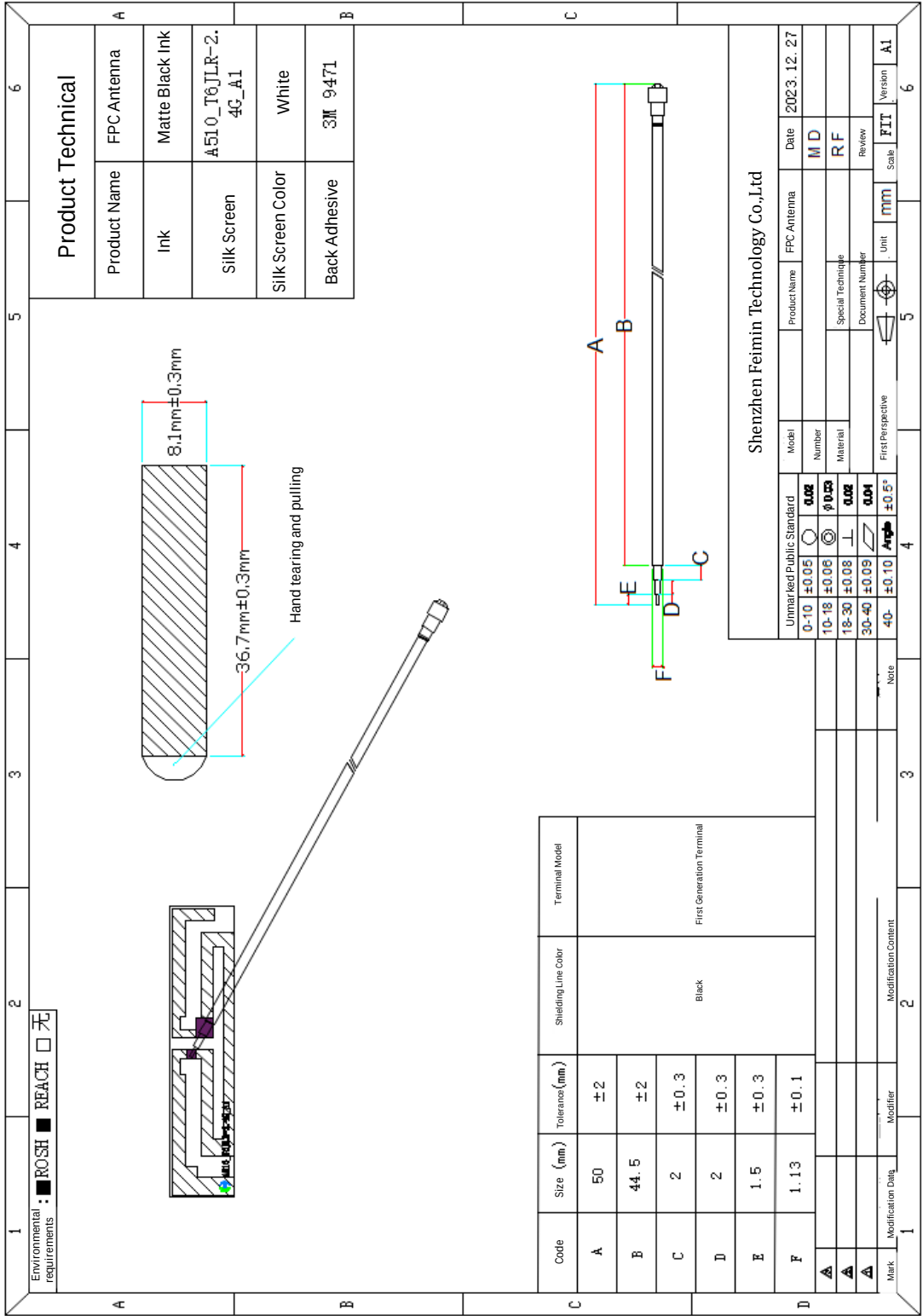
ANTENNA SPECIFICATION

Revision history

Version	Date	Status
A1	2023-12-27	First edition

1. Project Information

1.1.Appearance and Dimensions

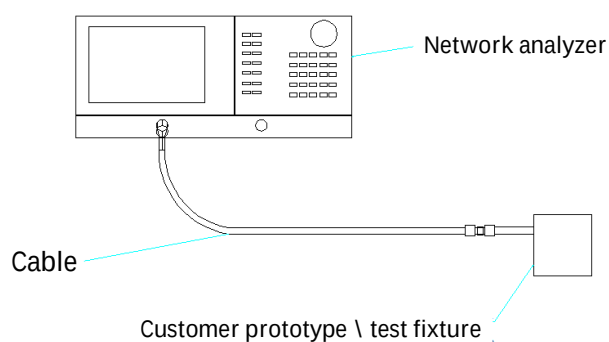


2. Electrical Characteristics

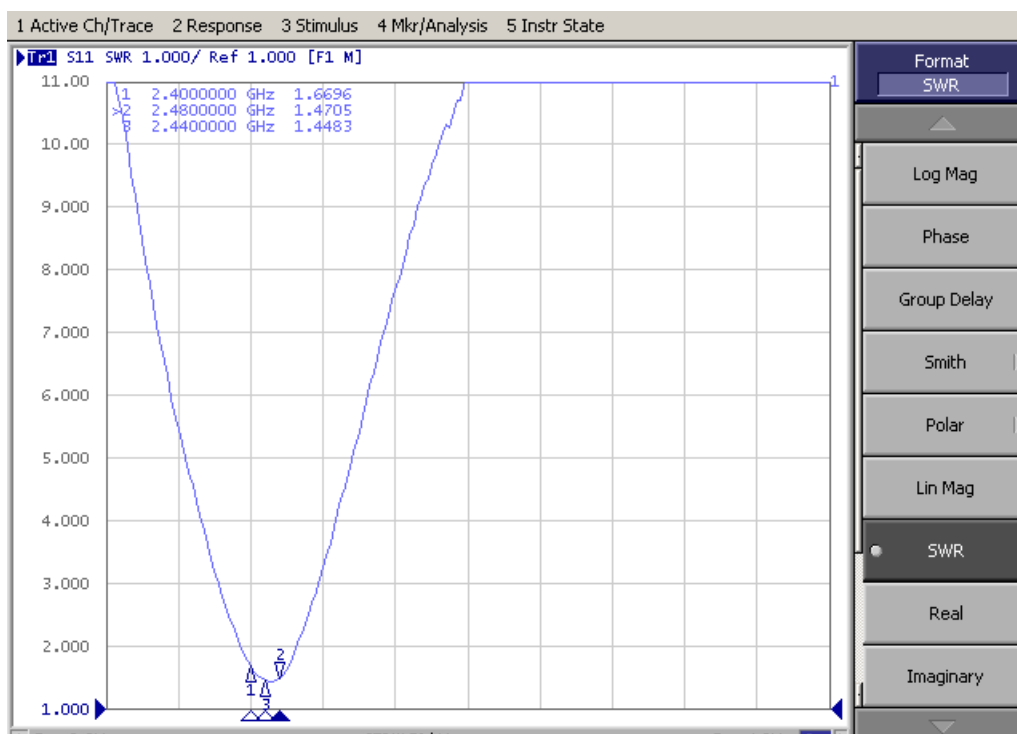
2.1. Test Environment Conditions

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

2.2.Measurement method

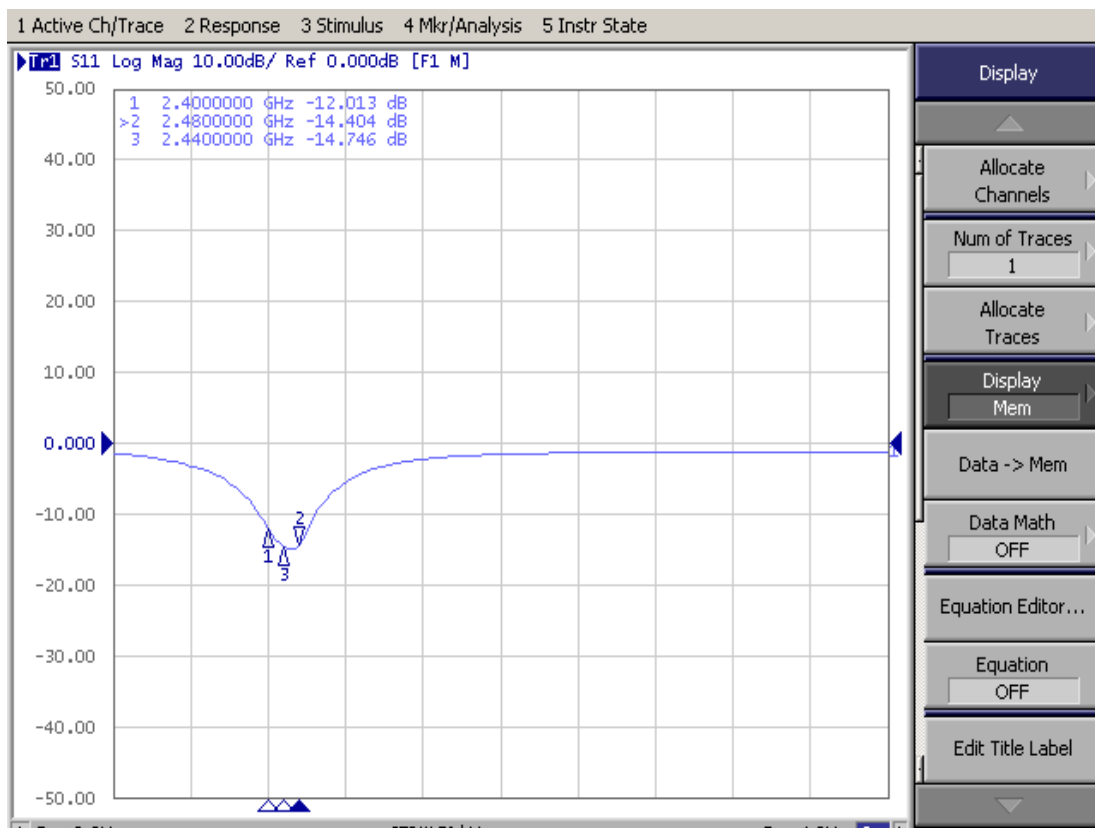


2.2.1. Antenna VSWR



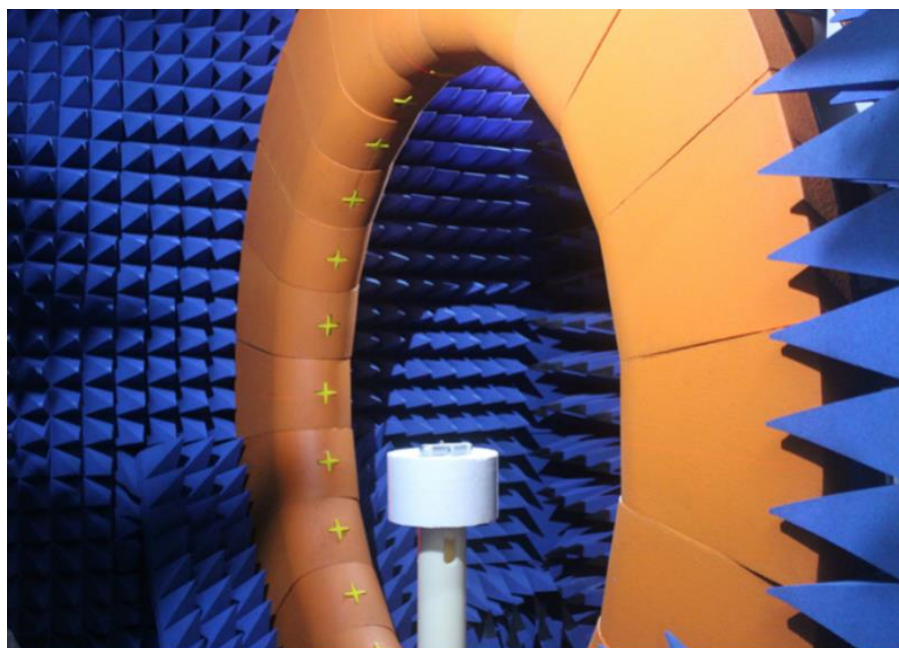
ANTENNA SPECIFICATION

2.2.2. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



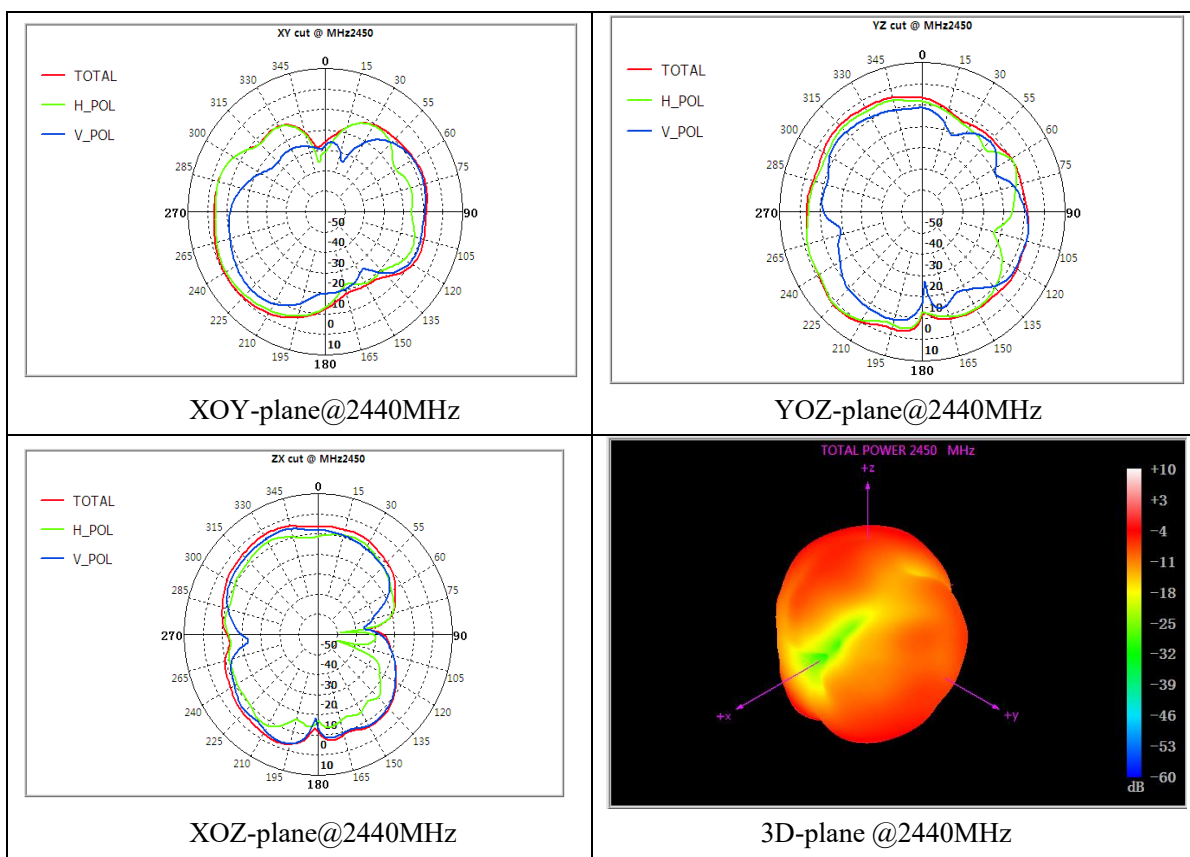
shenzhen Feimin Technology Co.,Ltd (24 probe OTA microwave anechoic chamber)

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2.3.2 Antenn efficiency and gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400 MHz	42.04	1.85
2410 MHz	40.19	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	39.02	2.19
2490 MHz	40.42	2.48
2500 MHz	42.87	2.57

2.3.3. Antenna Radiation Pattern



3.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(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.

