

ShenZhen City FeiMin Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: Guangzhou Action Technology Co., Ltd.

PRODUCTS: FPC antenna

PART NO:

Spec. : FM-S2194-M21

Data: 2024. 7. 17

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY
FanMa	XingxiXia	DongdongMa

CUSTOMER		
ACCEPTED BY	CHECKED BY	APPROVED BY

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

ADD:Room 303,Building C,Hengnan one Road,Gushu community,Xixiang Street,Bao’ an District,Shenzhen City

Tel: 0755-23035723

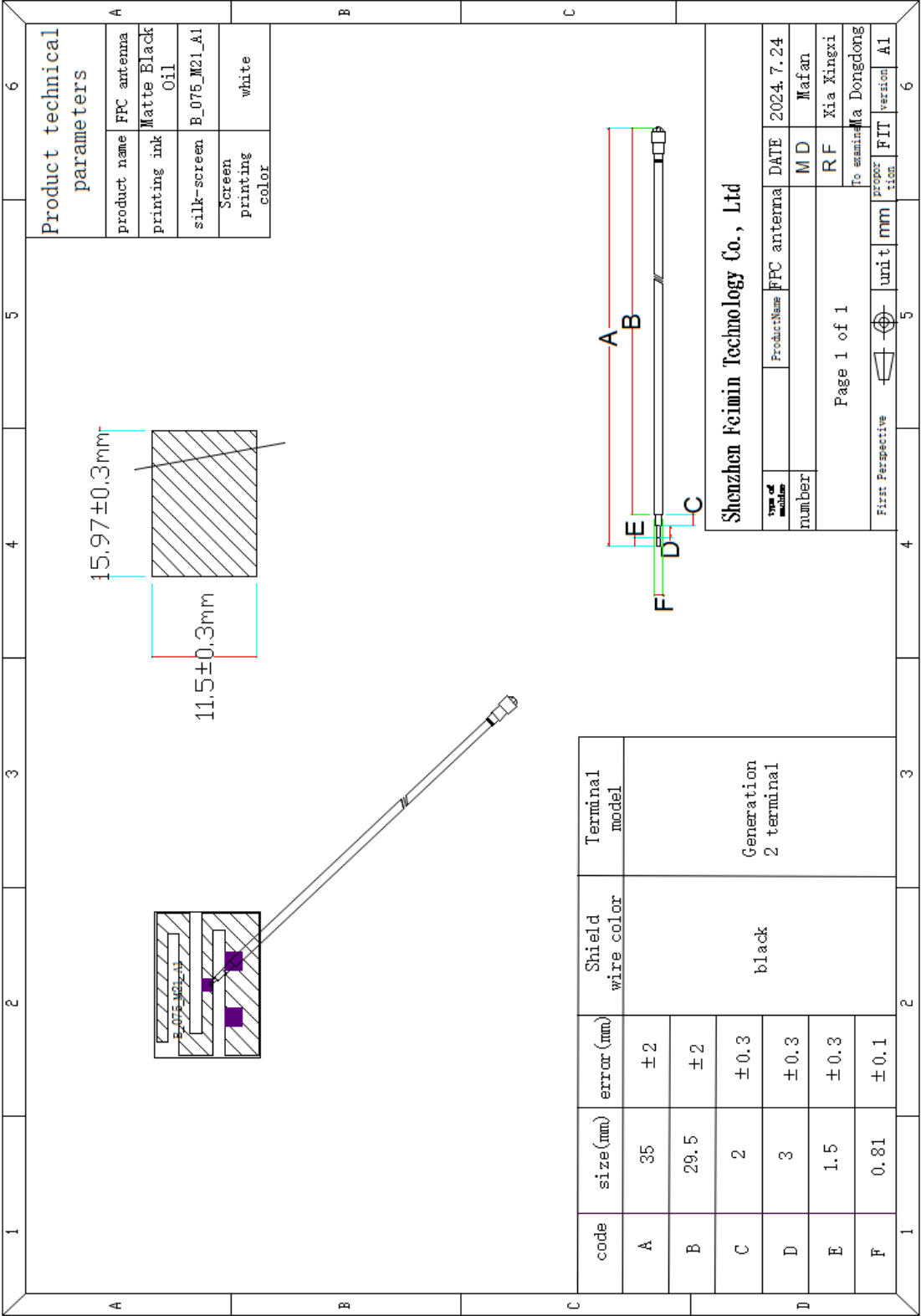
Fax: 0755-23036702

E-mail: ant001@fmant.cn

HTTP:[www. fmant. cn](http://www.fmant.cn)

1. Project Information

1.1.Appearance and Dimensions

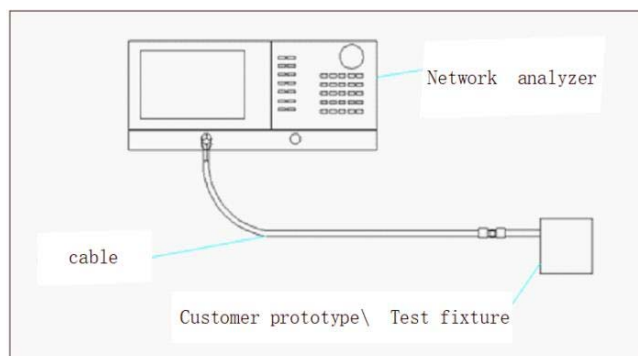


2. Electrical Characteristics

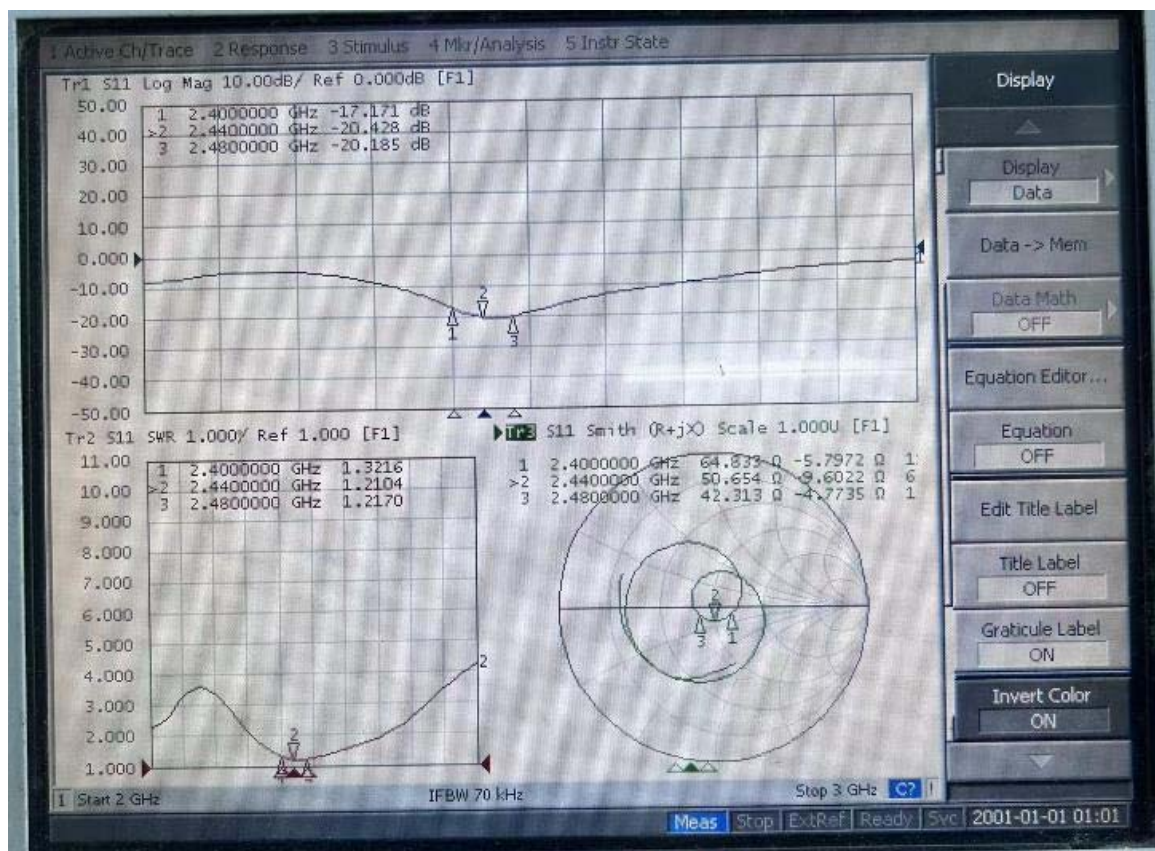
2.1. Test Environment Conditions

Temperature	Ordinary Temperature (5 to 35°C)
Humidity	Ordinary Humidity (25 to 85% RH)

2.2. Measurement method



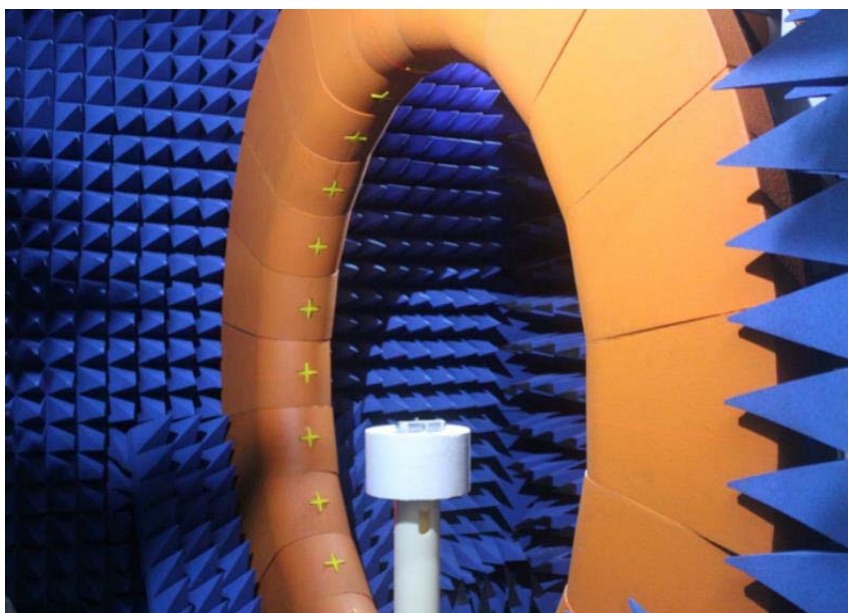
2.2.1. Antenna VSWR. Antenna Return loss. smith chart



ANTENNA SPECIFICATION

2.3. Antenna passive test data

2.3.1. Test system

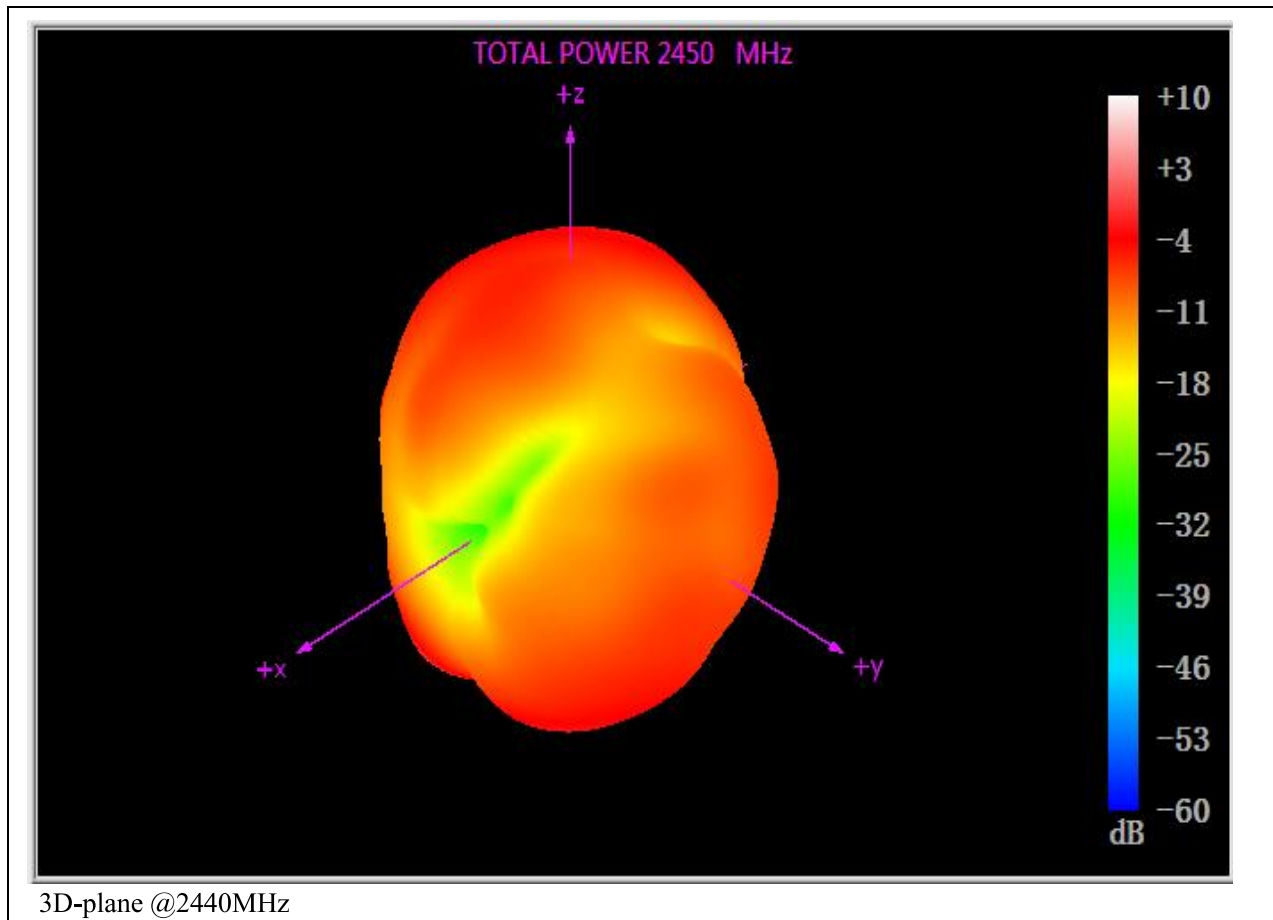


Shenzhen Fimin Science and Technology Limited Company (24 probe ATA Chamber)

2.3.2. Antenna efficiency and gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400 MHz	27.27	1.81
2410 MHz	26.14	1.94
2420 MHz	25.97	2.27
2430 MHz	27.65	2.37
2440 MHz	27.54	2.53
2450 MHz	28.42	2.35
2460 MHz	24.76	2.14
2470 MHz	25.53	2.17
2480 MHz	28.11	2.19
2490 MHz	25.51	2.56
2500 MHz	27.75	2.81

2.3.3. Antenna Radiation Pattern



3. Notes

1, the installation should not be too close to the metal part to avoid affecting the antenna performance.

2, this antenna is only applicable to this model, the position of the antenna can not be changed at will, if used on other machines to cause the effect to deteriorate, has nothing to do with our company.

3, The data used in this acknowledgment (such as antenna efficiency, gain, etc.) are obtained from the test of this acknowledgment item / antenna in the laboratory of Shenzhen Feimin Technology Co., Ltd.