

ANTENNA SPECIFICATION



ShenZhen City FeiMin Technology CO., LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: FUZHOU KINGWAY INFORMATION TECHNOLOGY CO., LTD

PRODUCTS: 2.4G Antenna

PARTNO:

Spec.: FM-S2276-BKB-L10

Data: 2022. 10. 14

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY
杨轩	夏兴喜	马冬冬

CUSTOMER		
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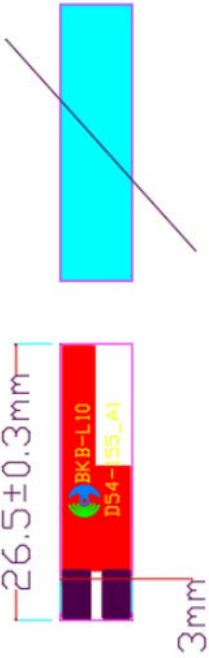
Fax: 0755-23036702

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1. Project Information

1.1. Appearance and Dimensions

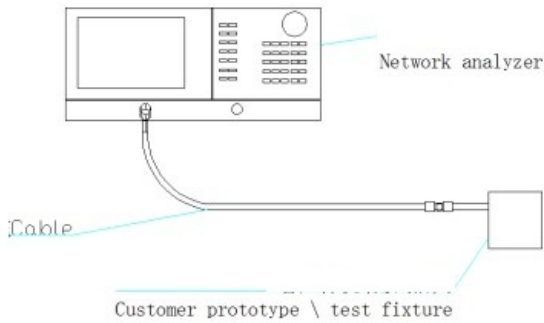


2. Electrical Characteristics

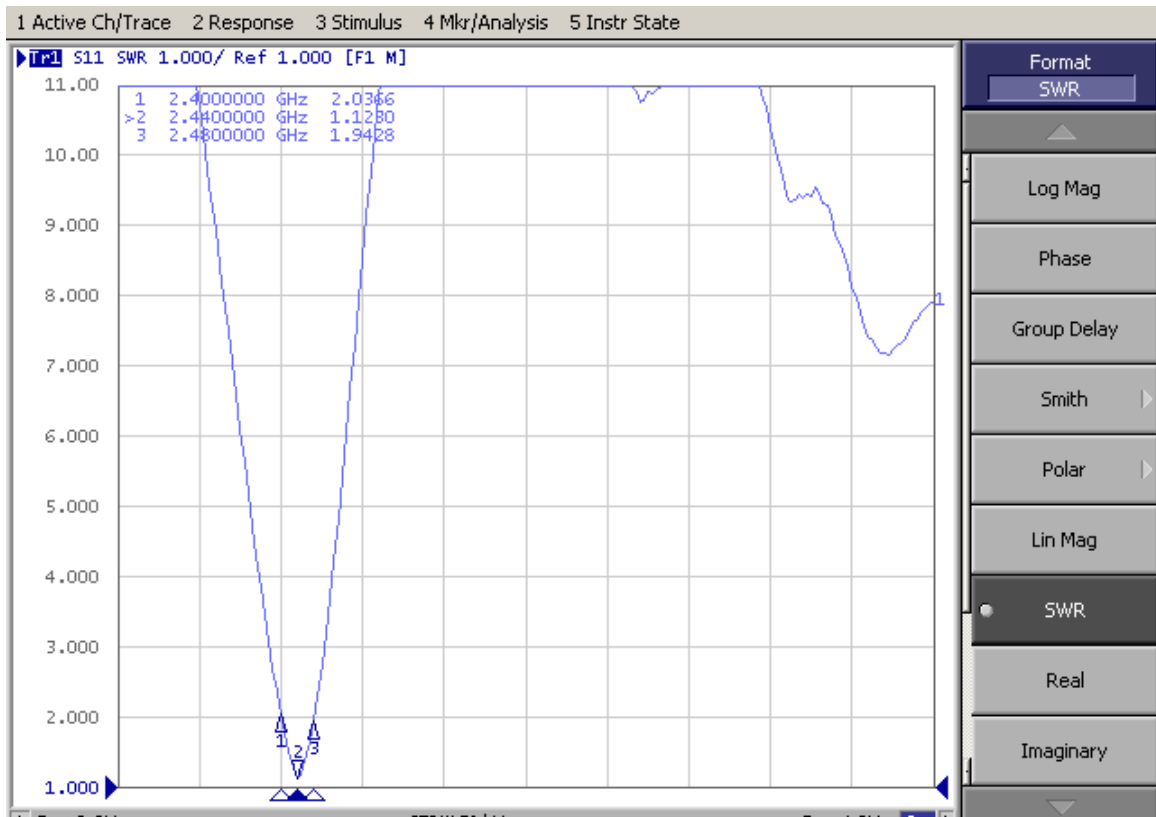
2.1. Test Environment Conditions

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

2.2. Measurement method

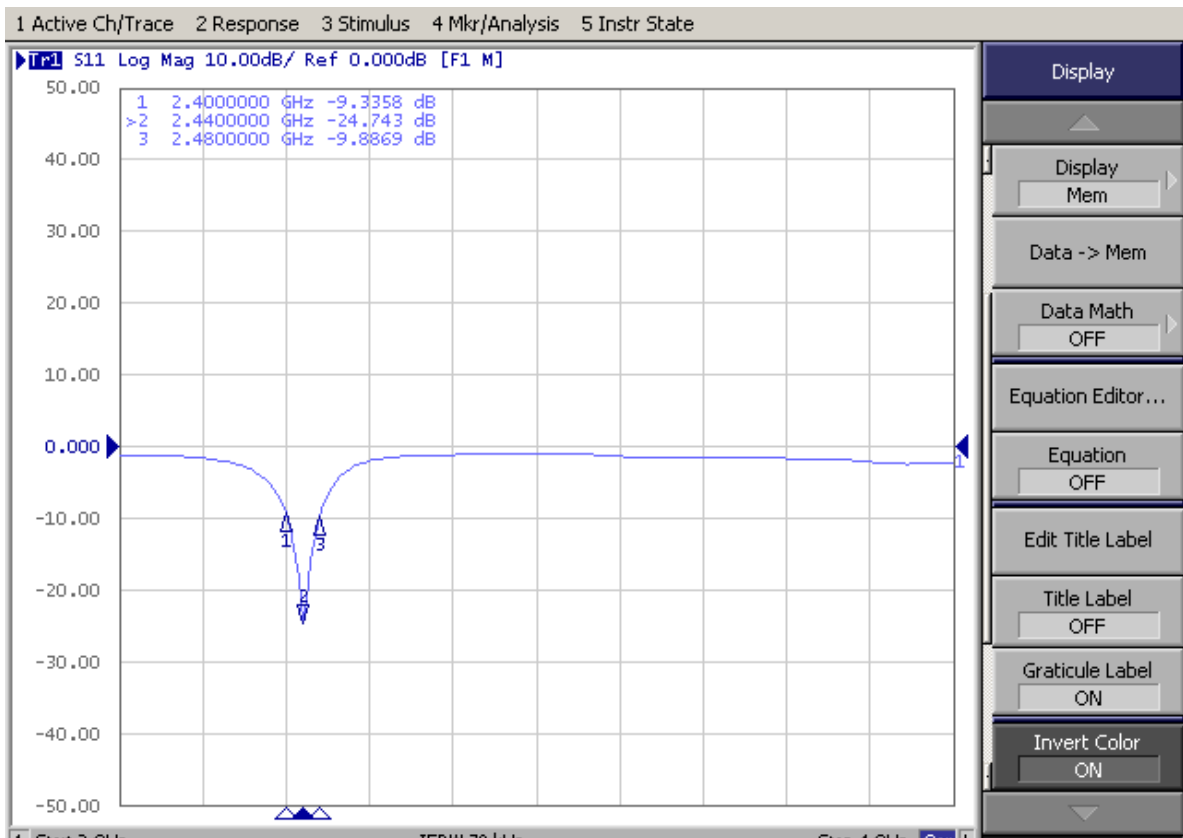


2.2.1. Antenna VSWR



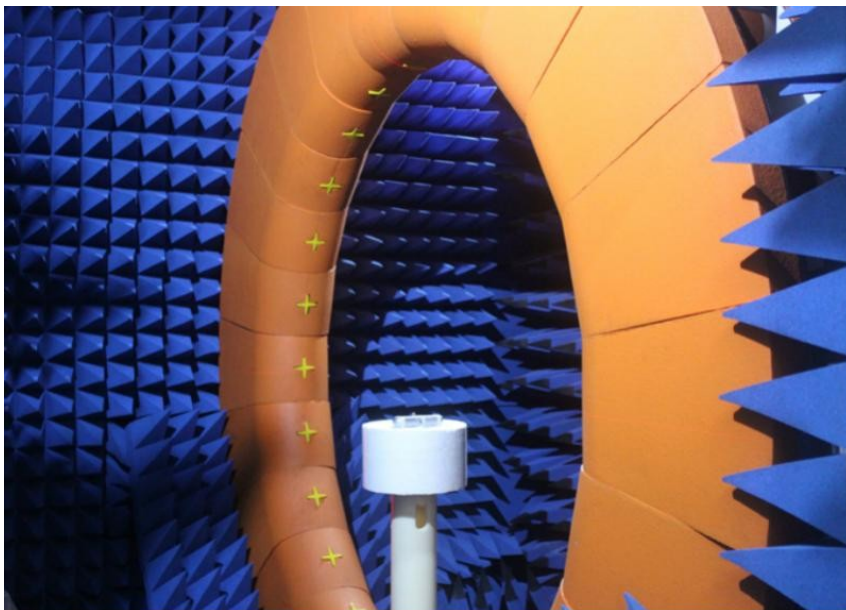
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2.2.2. AntennaReturnloss



2.3. Antennapassivetestdata

2.3.1. Testsystem



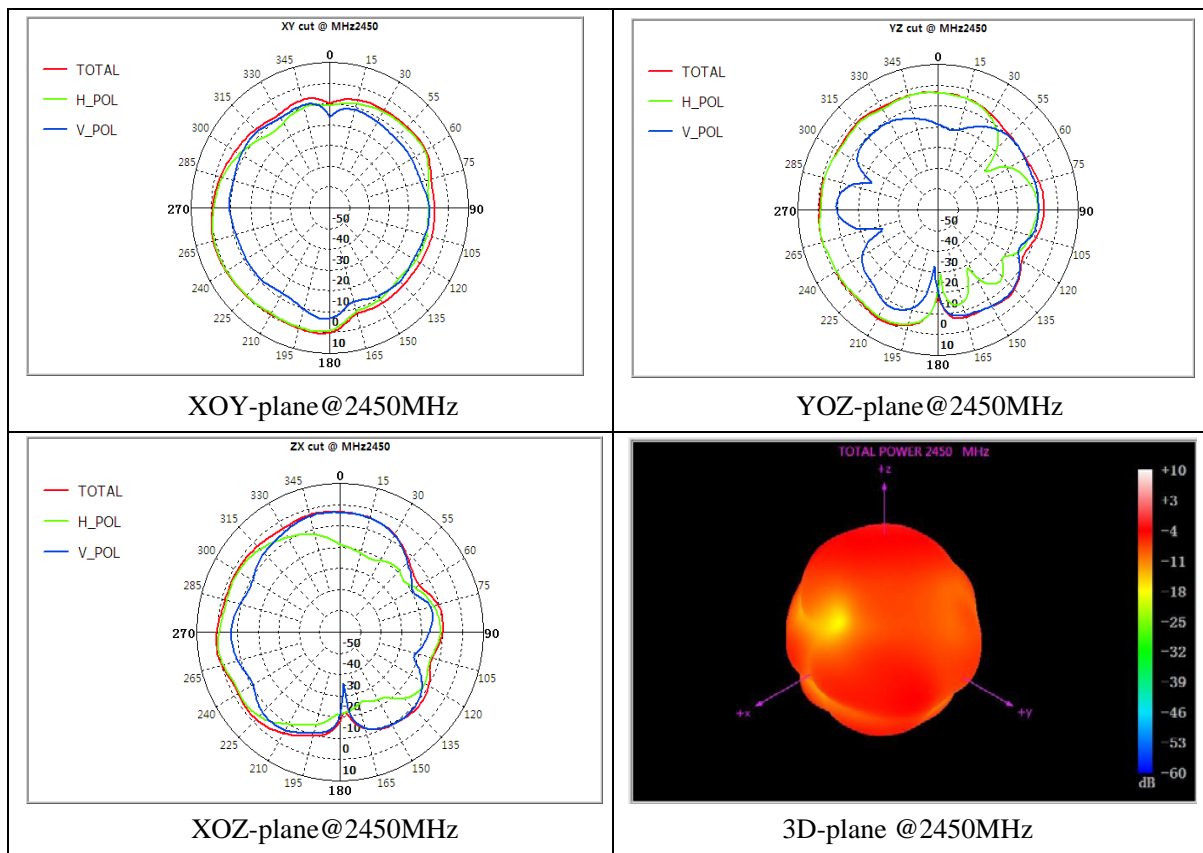
Shenzhen Feimin Technology Co.,Ltd (24 probe OTA microwave anechoic chamber)

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2.3.2 Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	1.27	35.24
2410 MHz	1.32	35.88
2420 MHz	1.41	36.84
2430 MHz	1.51	37.1
2440 MHz	1.64	37.53
2450 MHz	1.63	37.71
2460 MHz	1.72	40.98
2470 MHz	1.84	37.07
2480 MHz	1.86	35.01
2490 MHz	1.78	36.23
2500 MHz	1.59	37.68

2.3.2. Antenna Radiation Pattern



3. Notes

1. Pay attention not to be too close to the metal part during installation to avoid affecting the performance of the antenna.
- 2, this type of antenna is only applicable to this type, the position of the antenna can not be changed at will
3. The data used in this Spec. is measured in the lab of Shenzhen Feimin Technology Co., LTD