



深圳市飞敏科技有限公司

ShenZhen City FeiMin Technology CO.,LTD.

产品承认书

SPECIFICATION FOR APPROVED

客户

CUSTOMER:

Dongguan Jin wen hua digital technology Co.,LTD

产品名称

PRODUCTS:

FPC ANTENNA

客户料号

PART NO:

300-040204

产品型号

Spec.:

FM-S788-S311

日期

Data:

2024.7.6

供应商

SUPPLIER

拟制

PREPARED BY

审核

CHECKED BY

批准

APPROVED BY

马凡

夏兴喜

马冬冬

客户

CUSTOMER

承认

ACCEPTED BY

审核

CHECKED BY

批准

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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1. 项目信息 Project Information	4
1.1. 外观尺寸 Appearance and Dimensions	4
2. 电气性能 Electrical Characteristics.....	5
2.1. 测试环境条件 Test Environment Conditions.....	5
2.2. 测试方法 Measurement method.....	5
2.2.1. 天线电压驻波比 Antenna VSWR.....	5
2.2.2. 天线回波损耗 Antenna Return loss.....	6
2.3 天线无源测试数据 Antenna passive test data	6
2.3.1 天线效率及增益 Antenna efficiency and gain	6
2.3.2. 天线辐射方向图 Antenna Radiation Pattern	7
3. 备注 Notes.....	7

ANTENNA SPECIFICATION

Revision history

A1	2023-08-14	
A2	2024-7-6	

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

Diagram illustrating the test setup:

- Network analyzer** (Network analyzer)
- Cable** (Cable)
- Customer prototype / test fixture** (Customer prototype \ test fixture)

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mag/Analysis 5 Instr State

► F1 S11 SWR 1.000 / Ref 1.000 [F1 M]

1	2.400000 GHz	1.4216
2	2.450000 GHz	1.2917
3	2.500000 GHz	1.3698

11.00

10.00

9.000

8.000

7.000

6.000

5.000

4.000

3.000

2.000

1.000

1.2 1.4 1.6 1.8

1 Start 1.2 GHz IFRW 70 kHz Stop 1.8 GHz Cor

Format

SWR

Log Mag

Phase

Group Delay

Smith

Polar

Lin Mag

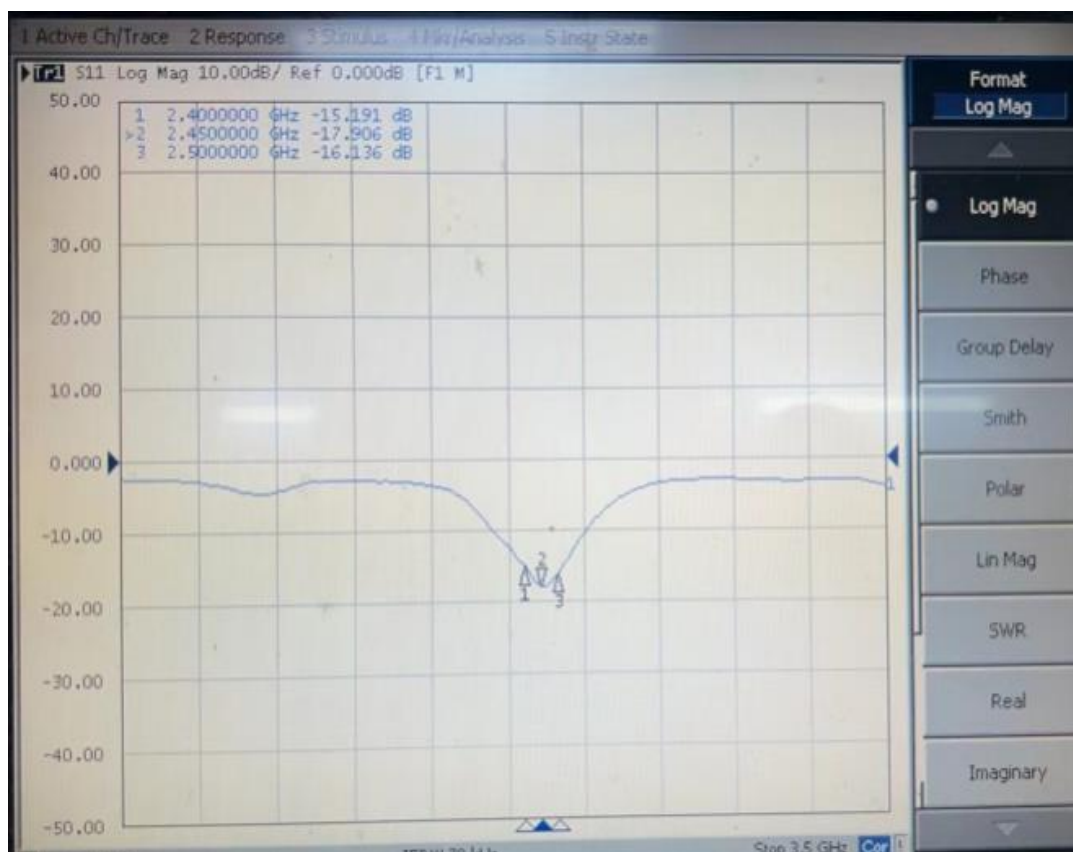
SWR

Real

Imaginary

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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 天线效率及增益 Antenna efficiency and gain

Frequency (MHz)	Directivity(dB)	Gain(dB)
2400	42.76	2.35
2410	45.81	2.82
2420	46.17	2.04
2430	48.99	2.52
2440	49.71	3.09
2450	50.38	3.03
2460	49.38	2.92
2470	45.99	2.90
2480	43.55	2.90
2490	44.40	3.12
2500	41.97	3.26

ANTENNA SPECIFICATION

2.3.2. 天线辐射方向图 Antenna Radiation Pattern

