



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: _____

产品名称

PRODUCTS: _____

客户料号

PART NO: FPC Antenna

产品型号

Spec.: FM-S1362-Q29

日期

Data: 2025. 6. 13

备注：承认盖章后请回复一份承认书（或复印件）给我司，其余由贵公司存档

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

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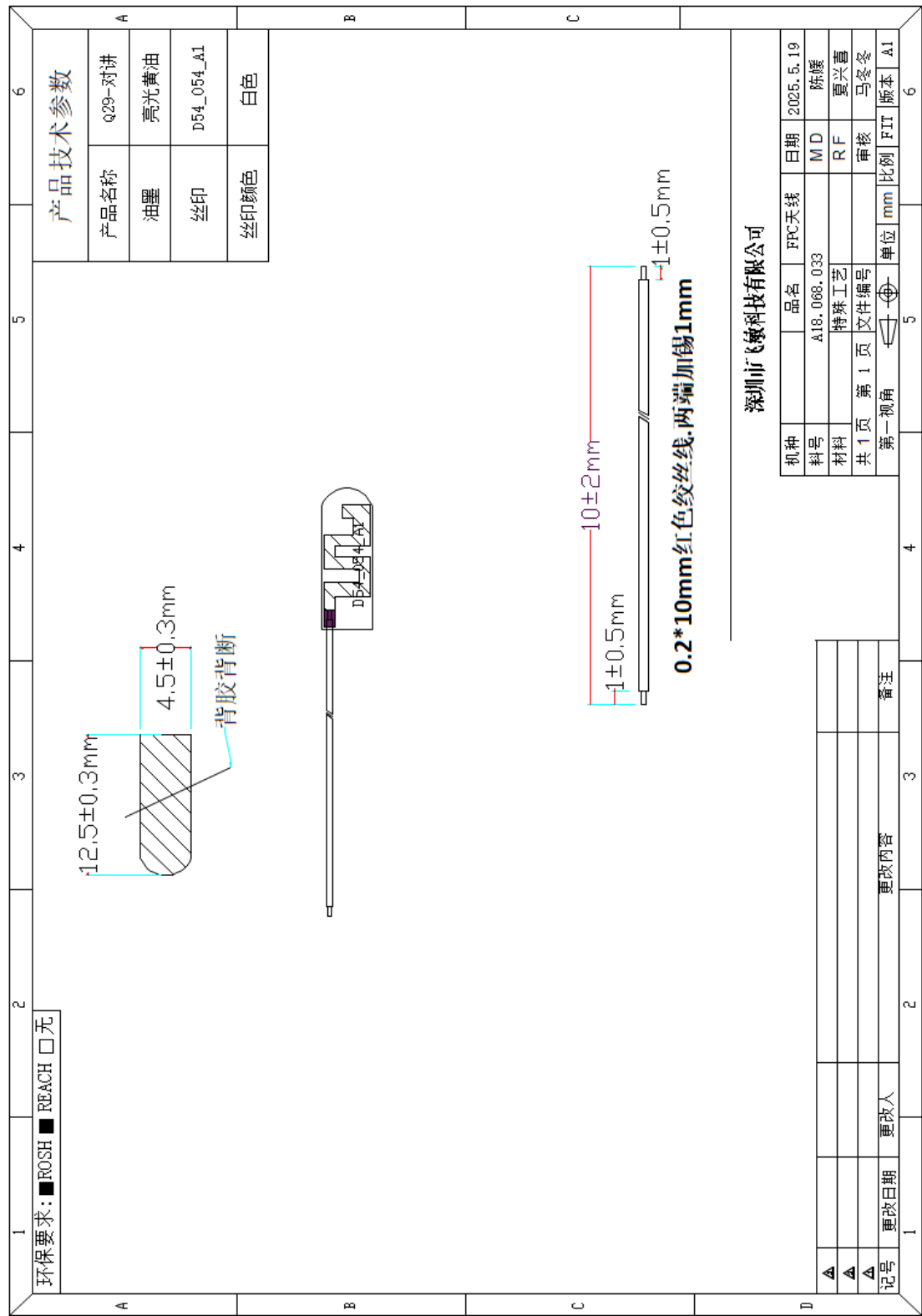
ANTENNA SPECIFICATION

Revision history

版本	日期	状态
A1	2025-5-19	首版
A2	2025-6-13	增加测试数据

1. 项目信息 Project Information

1.1. 外观尺寸 Appearance and Dimensions



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

网络分析仪
Network analyzer

线缆Cable

客户样机\测试夹具
Customer prototype \ test fixture

E5071C Network Analyzer

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

Format
SWR

Log Mag

Phase

Group Delay

Smith

Polar

Lin Mag

• SWR

Real

Imaginary

Expand Phase

Positive Phase

Return

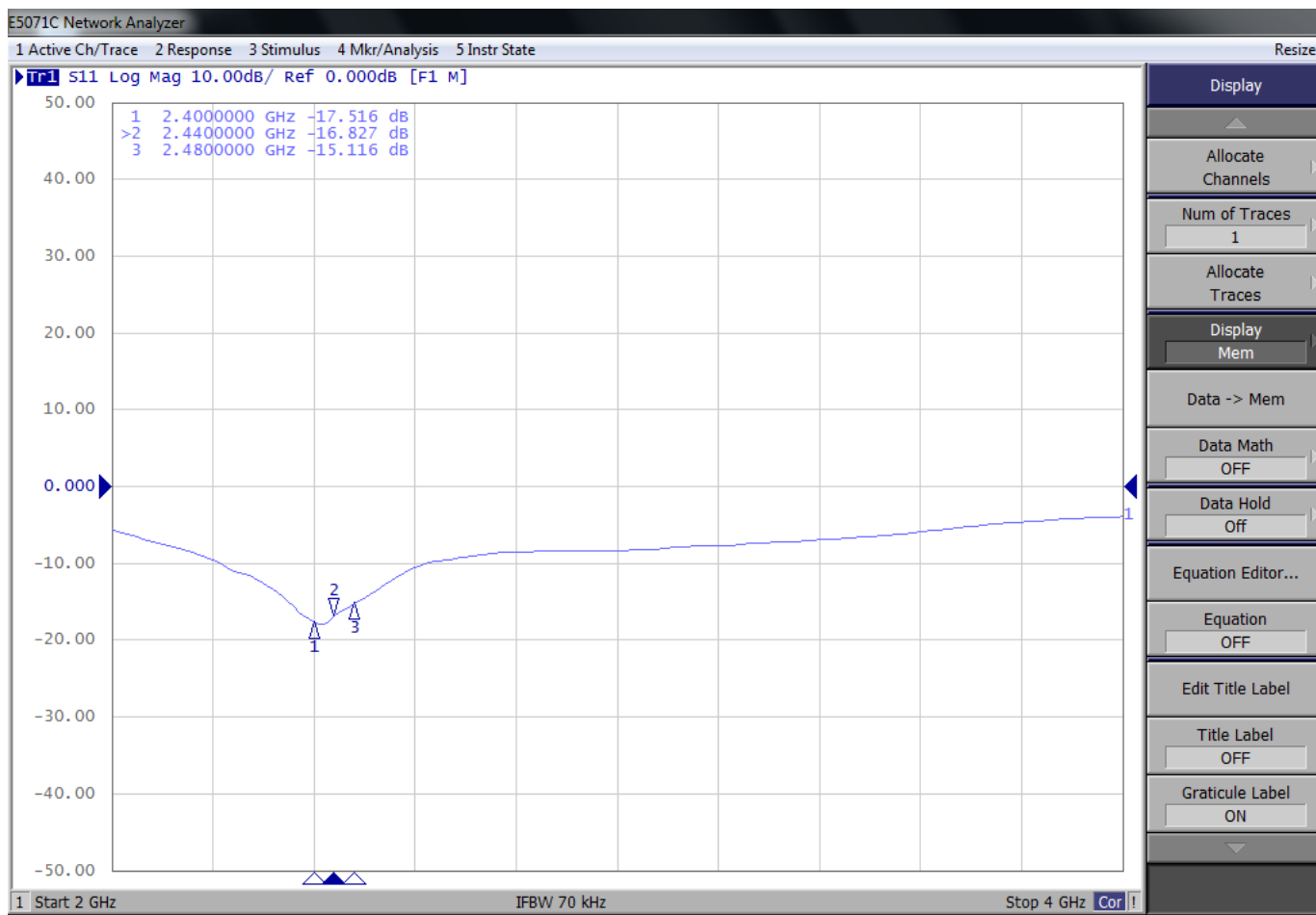
1 2.400000 GHZ 1.3831
>2 2.440000 GHZ 1.4394
3 2.480000 GHZ 1.6367

11.00
10.00
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1 Start 2 GHz IFBW 70 kHz Stop 4 GHz Cor

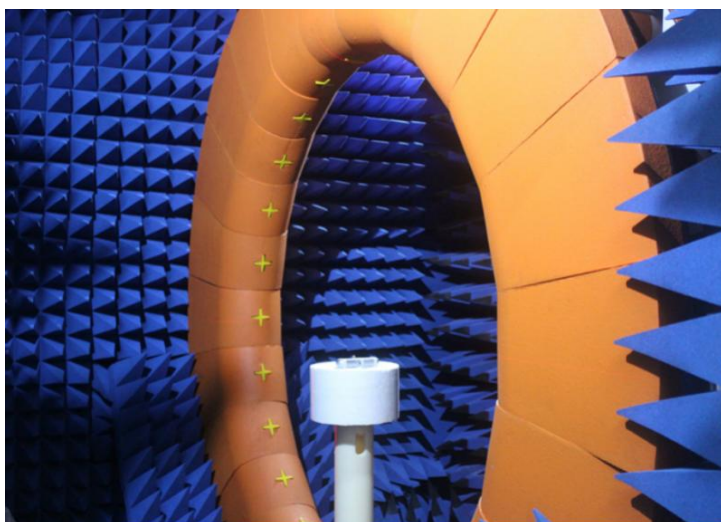
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2.2.2. 天线回波损耗 Antenna Return loss



2.3. 天线无源测试数据 Antenna passive test data

2.3.1. 测试系统 Test system



深圳市飞敏科技有限公司（24 探头 OTA 微波暗室）

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2.3.2 天线效率及增益 Antenna efficiency and gain

Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	38.64	2.38
2410	39.29	2.46
2420	39.80	2.53
2430	41.14	2.69
2440	41.85	2.75
2450	42.44	2.85
2460	41.86	2.61
2470	41.39	2.57
2480	40.98	2.50
2490	39.63	2.48
2500	39.73	2.42

2.3.3. 天线辐射方向图 Antenna Radiation Pattern

