



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: _____

FPC Antenna

客户料号

PART NO: _____

产品型号

Spec. : _____

FM-S1362-Q29-WIFI

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.

地址：深圳市宝安区西乡街道固戍社区恒南一路 C 栋厂房 303 室

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

电话 Tel: 0755-23035723

传真 Fax: 0755-23036702

邮箱 E-mail: ant001@fmant.cn

网址 HTTP: www.fmant.cn

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ANTENNA SPECIFICATION

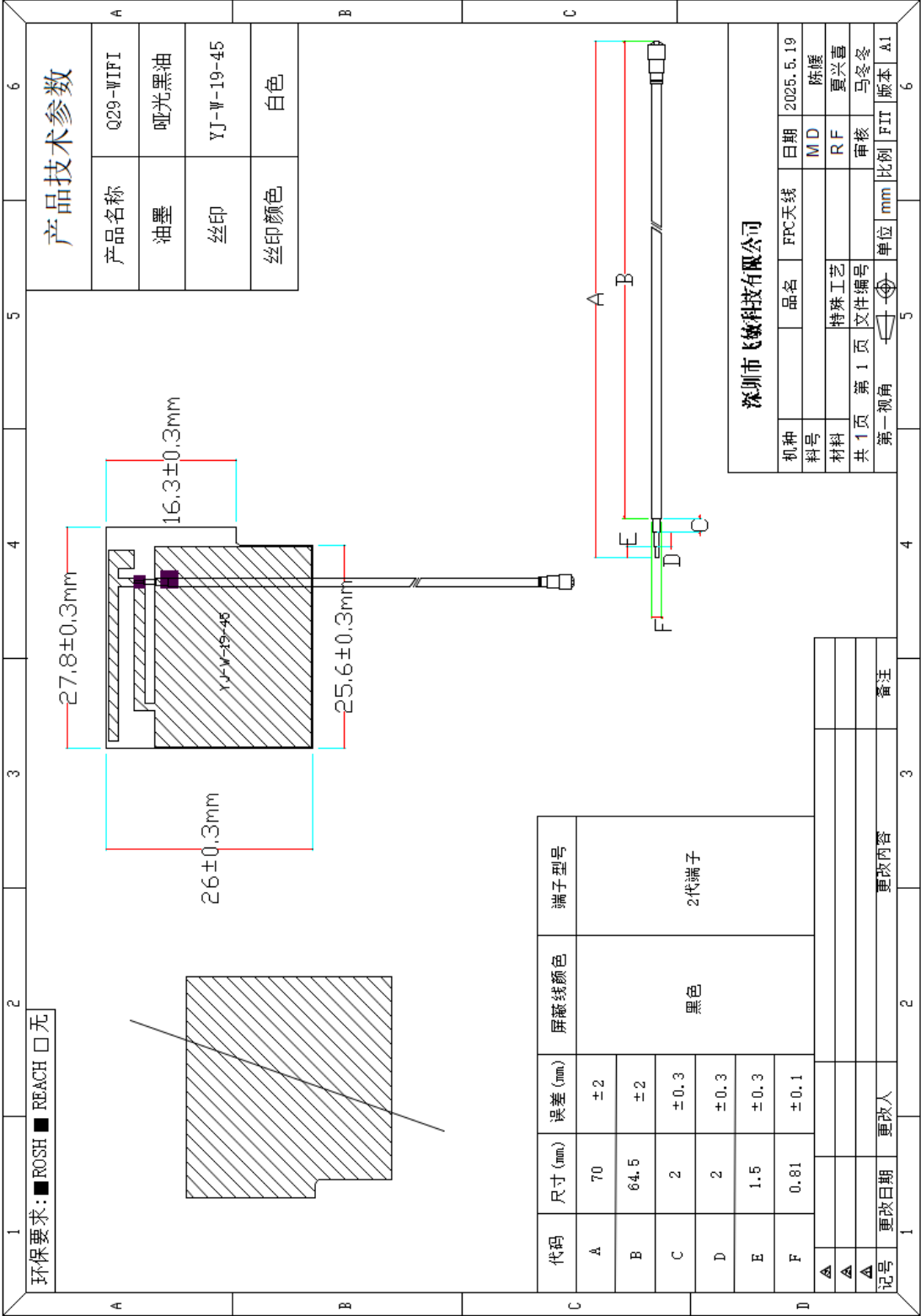
Revision history

版本	日期	状态
A1	2025-5-19	首版
A2	2025-6-13	增加测试数据
A3	2025-7-3	更新测试数据



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\测试治具
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 Start 2 GHz IFBW 70 kHz Stop 4 GHz

11.00

10.00

9.000

8.000

7.000

6.000

5.000

4.000

3.000

2.000

1.000

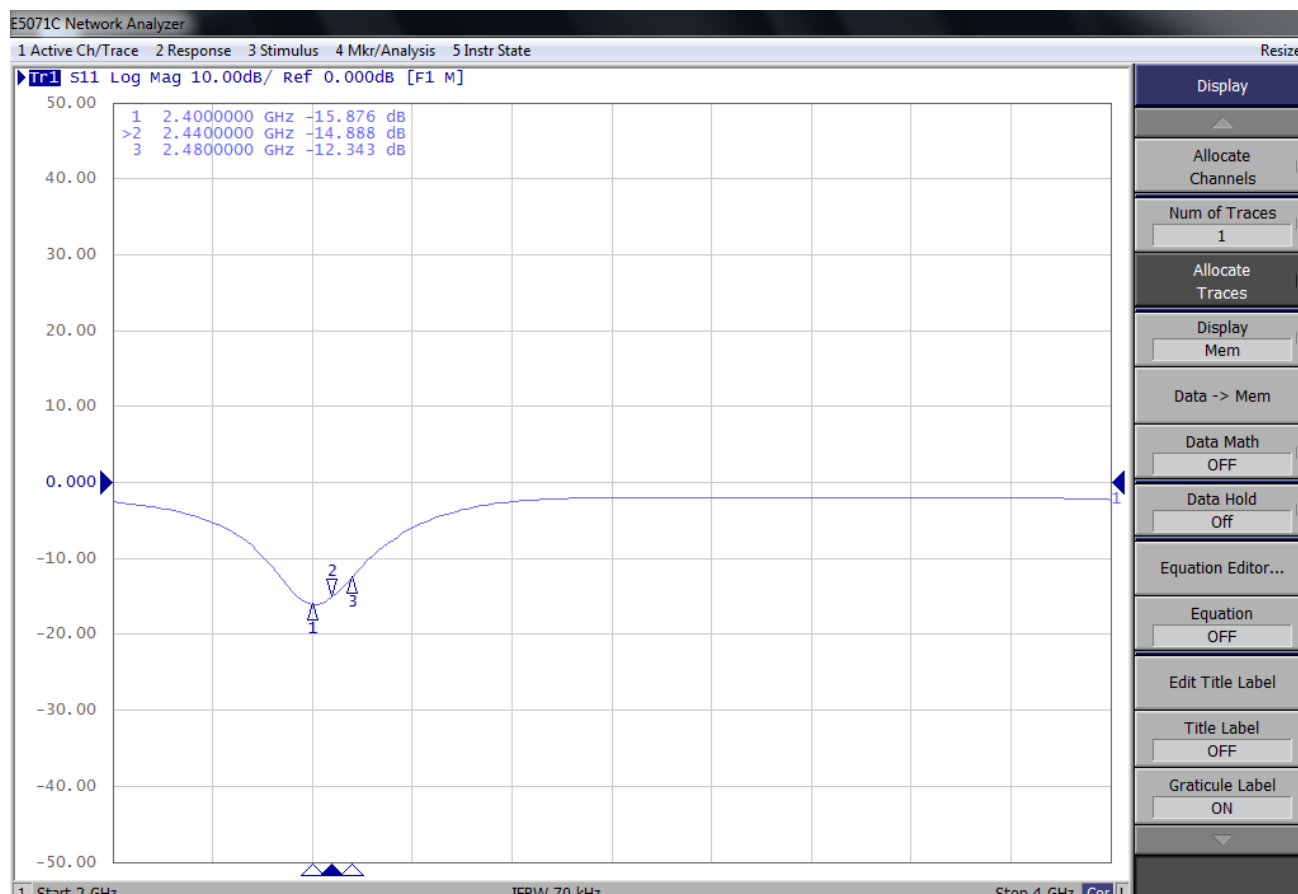
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>2 2.440000 GHZ 1.3367

3 2.480000 GHZ 1.4256

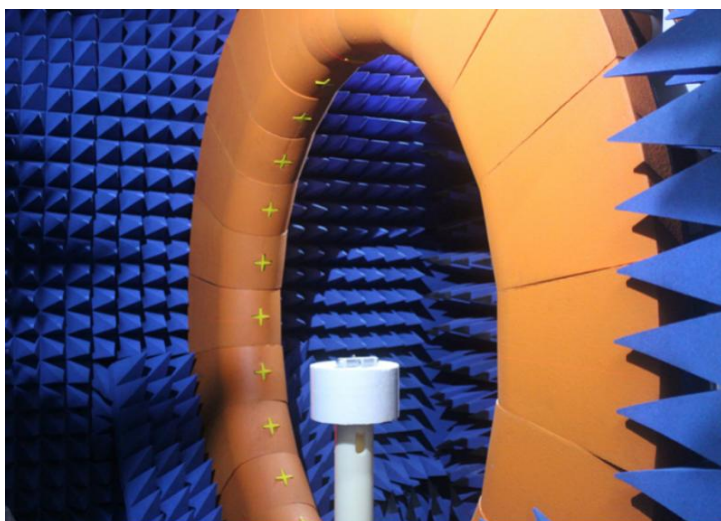
ANTENNA SPECIFICATION

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

