

ANTENNA SPECIFICATION

ShenZhen City FeiMin Technology CO.,LTD.

SPECIFICATION FOR APPROVED

CUSTOMER: Harman Professional, Inc.

PRODUCTS: FPC ANTENNA

PART NO: 260200000013

Spec.: FM-S1802-OKLY-2.4G Antenna QJ-F06

Data: 2023. 12. 12

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY

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.

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Revision history

Revision No.	Date	Status
A1	2023-12-12	Initial Release
A2	2026-4-24	Test data added

Revision Content:

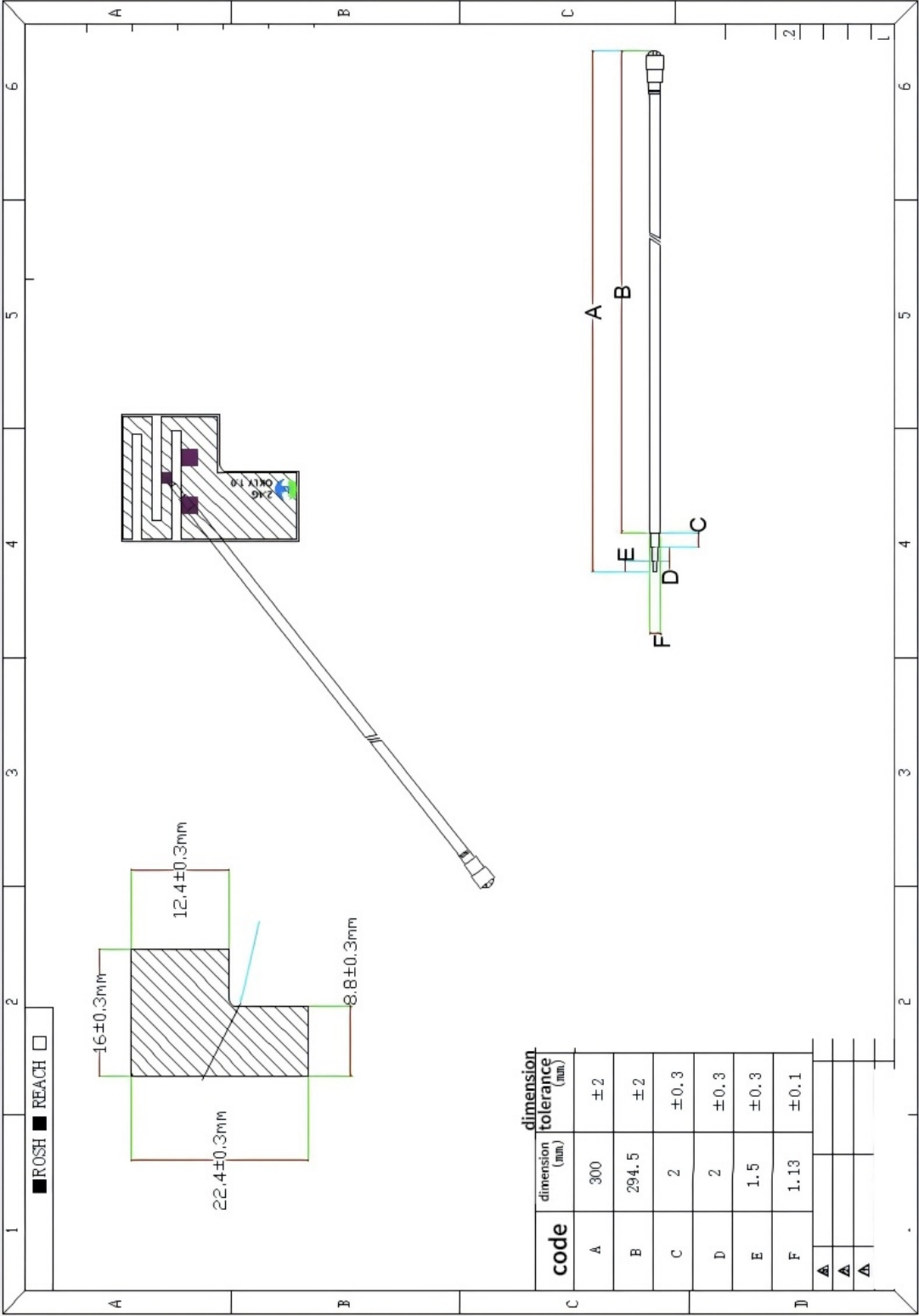
1st Revision

Before Revision: (Attach relevant pictures if necessary; describe revision details clearly here)

After Revision: (Attach relevant pictures if necessary; describe revision details clearly here)

1. Project Information

1.1. Appearance and Dimensions

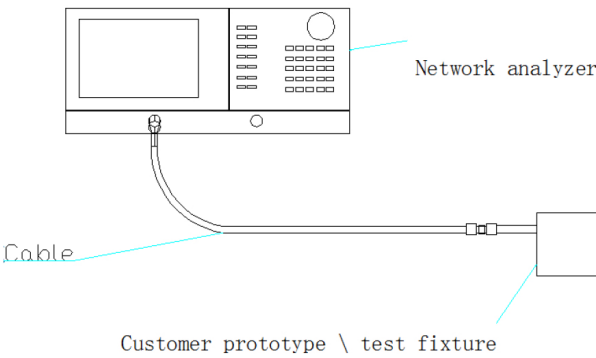


2. Electrical Characteristics

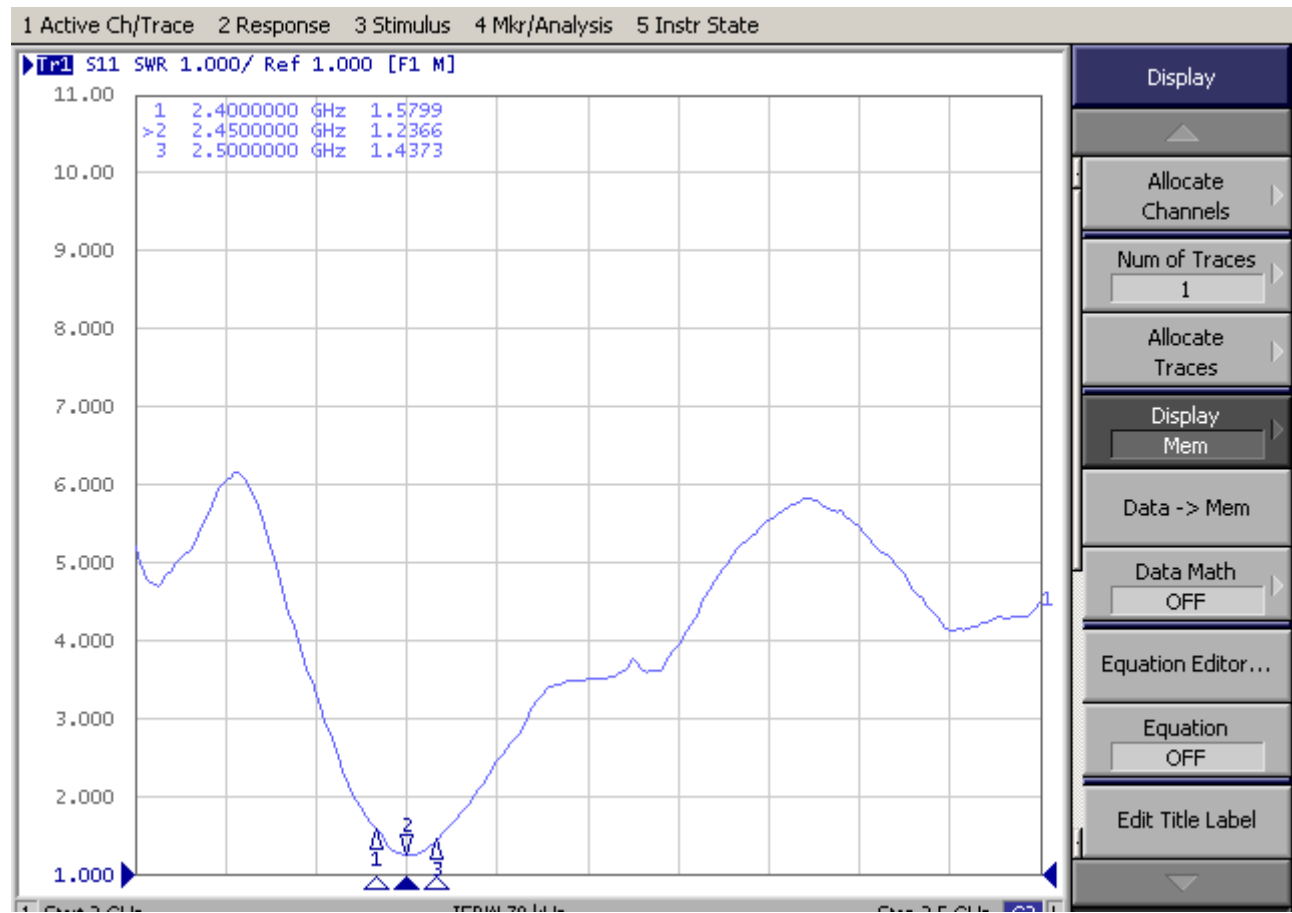
2.1. Test Environment Conditions

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

2.2.Measurement method

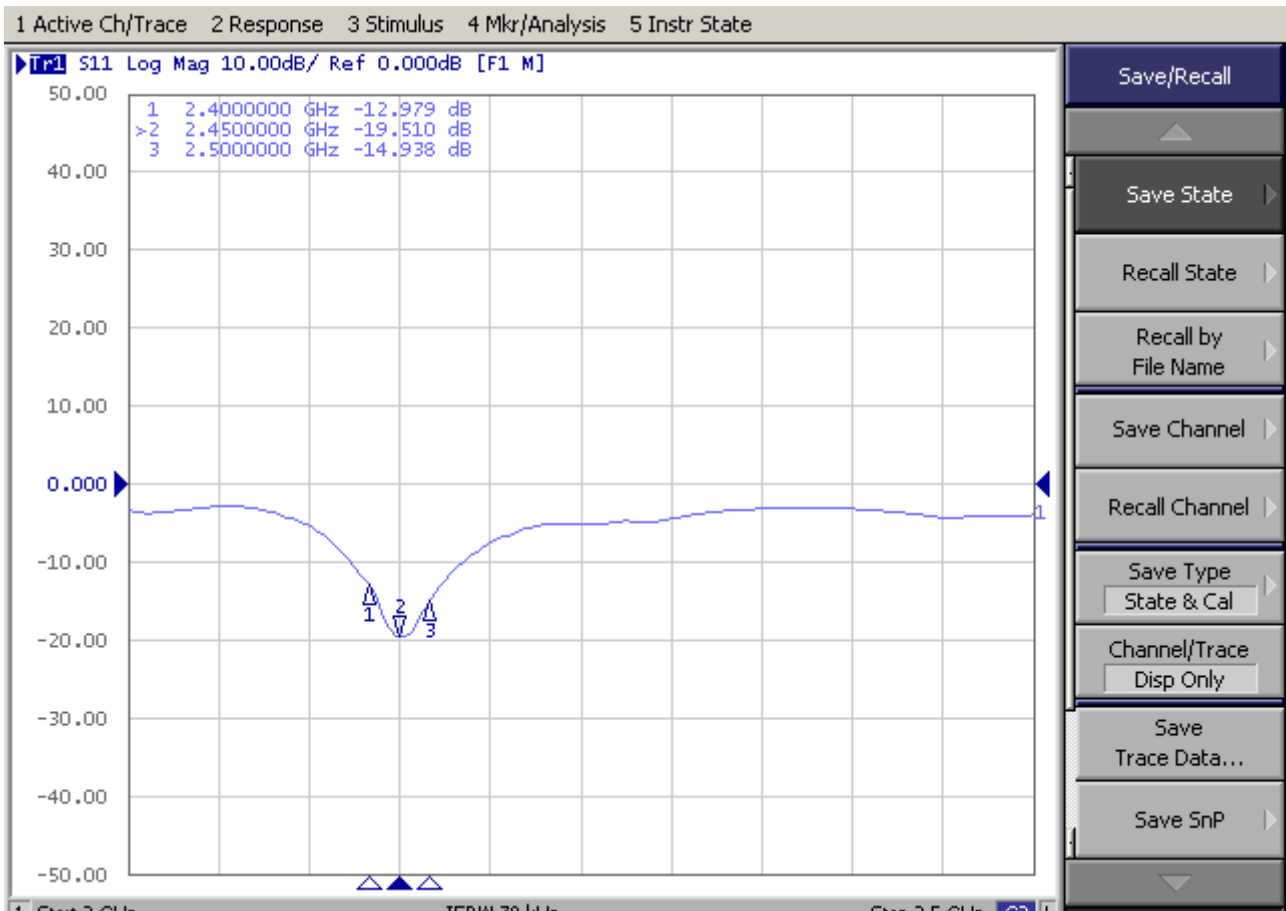


2. 2. 1. Antenna VSWR



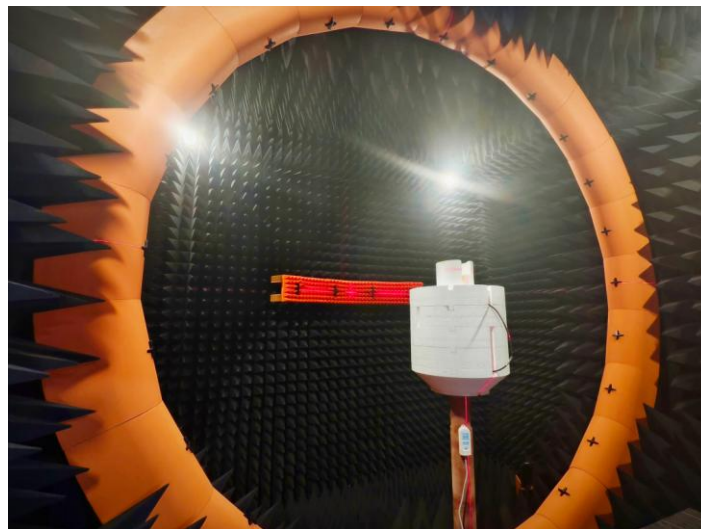
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2.2.2. Antenna Return loss



2.3. Antenna passive test data

2.3.1. Test system



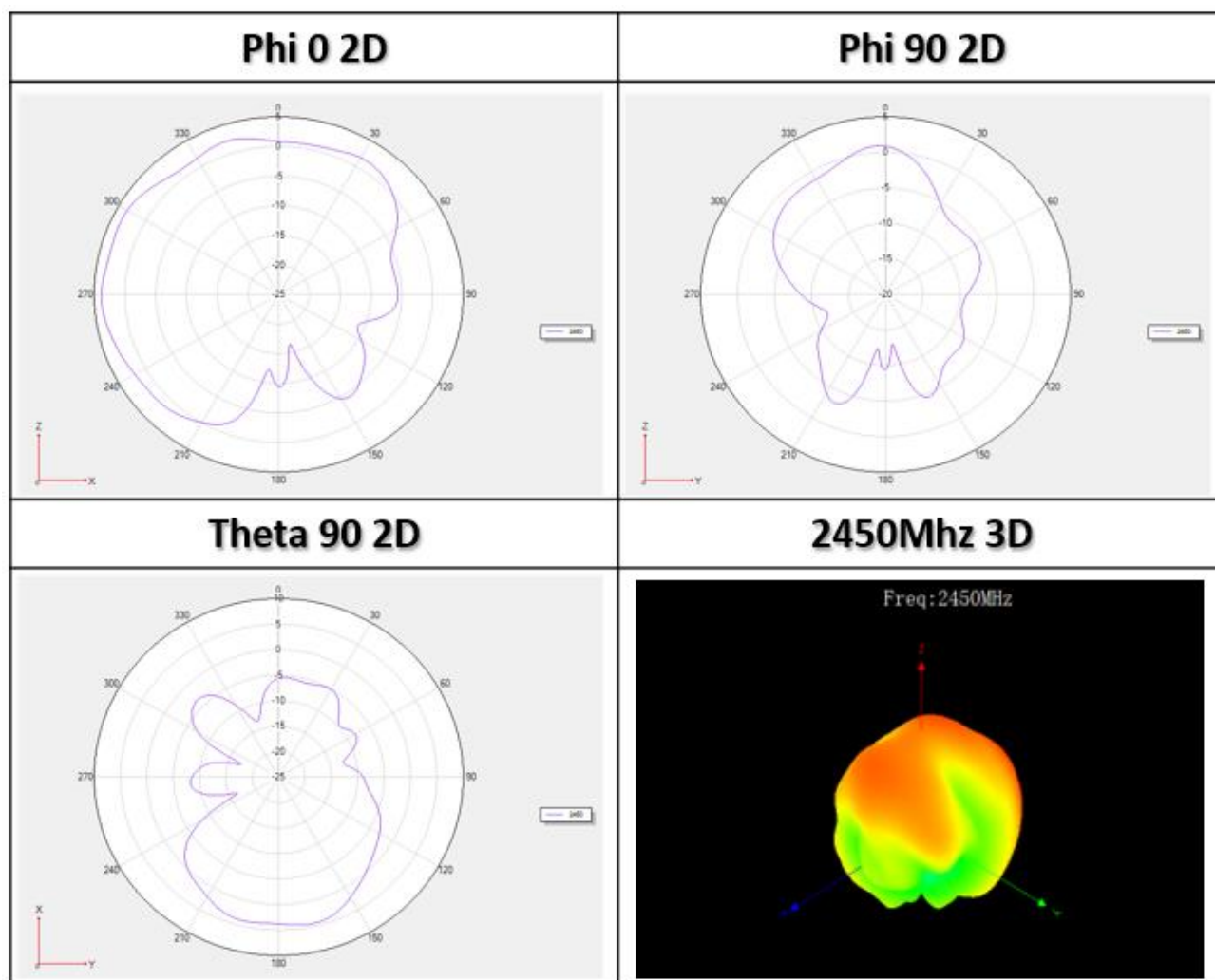
Shenzhen Feimin Technology Co.,Ltd (24-probe OTA anechoic chamber)

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2.3.2 Antenna efficiency and gain

Frequency (MHz)	Efficiency(%)	Gain(dBi)
2400	42.21	1.87
2410	44.47	1.97
2420	44.40	2.05
2430	44.98	2.02
2440	46.15	2.05
2450	45.04	2.04
2460	43.78	2.01
2470	43.98	1.95
2480	42.63	1.85
2490	41.93	1.71
2500	41.70	1.68

2.3.3. Antenna Radiation Pattern



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3. Notes

- 1、During installation, keep a safe distance from metal components to prevent degradation of antenna performance.
- 2、This antenna is exclusively compatible with this model. Do not alter the antenna mounting position arbitrarily. We shall not be liable for poor signal performance if this antenna is installed on other devices.

4. Product packaging specification

Product Name: FPC Antenna

Antenna Type: Shielded Cable + FPC

一、Label Specifications

Inner Label: Approx. 7cm in length, 4cm in width Outer Label: Approx. 7cm in length, 5cm in width

Supplier	Shenzhen Feimin Technology Co., Ltd
Product Name	*****
Part No.	*****
Model Spec	*****
Qty	***PCS

Customer Name			
Supplier	Shenzhen Feimin Technology Co., Ltd		
Order No.	*****		
Part No.	*****		
Model Spec	*****	Product Name	*****
Qty	*****PCS	Inspection	
Spare Parts	***PCS	Remarks	

II、Carton Packing Procedure

Operation Instructions:

1. Pack ____ PCS of products into open-top PE bags, and attach an inner label to each small bag.
Put ____ small bags into large sealed PE tape bags, excluding leftover quantities and spare parts.
2. Fill each carton with ____ large bags of products, then seal the carton with adhesive tape in an I-shape pattern.

3. Attach the outer label to the top-right corner of the carton; no blank or incorrect filling is allowed.

III. Precautions

When packing, lay the antennas flat neatly. After sealing, the products must not shake violently inside the carton.

If the carton is not fully filled, fill the empty space with foam cotton to prevent product damage during transportation.

