

APPROVAL SHEET

Customer	Dongguan Anhong Electronics Co., Ltd
Customer Model	ABM400-TX-WIFI antenna
Product Specifications:	1st generation IPEX /FPC-36.81*13.05 with 1.13 coaxial wire/L=60mm/black/ Silk screen : SX-720S-WIFI V1.0
Customer Part Number	RF-ABM400-02
SX Part Number	NF-700-2.4G
Issued Date	2025-08-25

CUSTOMER

QUALITY DEPT	ENGINEER R&D DEPT	APPROVED

SUNHOW

WRITTEN BY	ENGINEER R&D DEPT	APPROVED

※Admitted that book in triplicate, please signed by your company.

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RF Cable Assembly Specification

Main technical specification	
Frequency Range (MHz)	2400
Impedance	8.01
Efficiency	35.93%
Gain	-0.874%
Physical Properties	
Cable Type	Φ1.13/black
Connector	IPEX 1
Storage Temp	-20°C~+70°C
Operating Temp	-20°C~+60°C

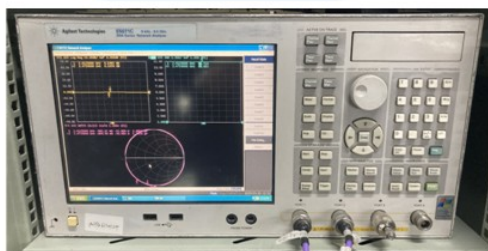
4. Test items and test equipment

Test items	Test equipment
1. S11 Test parameters 1 (Return Loss) 2. (VSWR)	Vector network analyzer : Agilent E5071C
2. Passive test data 1 Antenna gain 2 Antenna Efficiency)	1. OTA Microwave anechoic room: ETS 5x3x3 m (3D) Chamber 2. Wireless broadband signal tester : Rohde & Schwarz CMW500

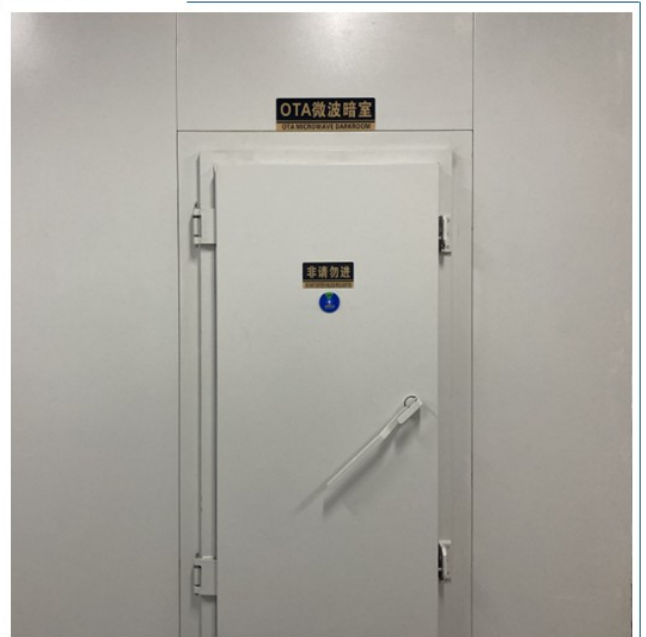
R&D equipment



CMW500

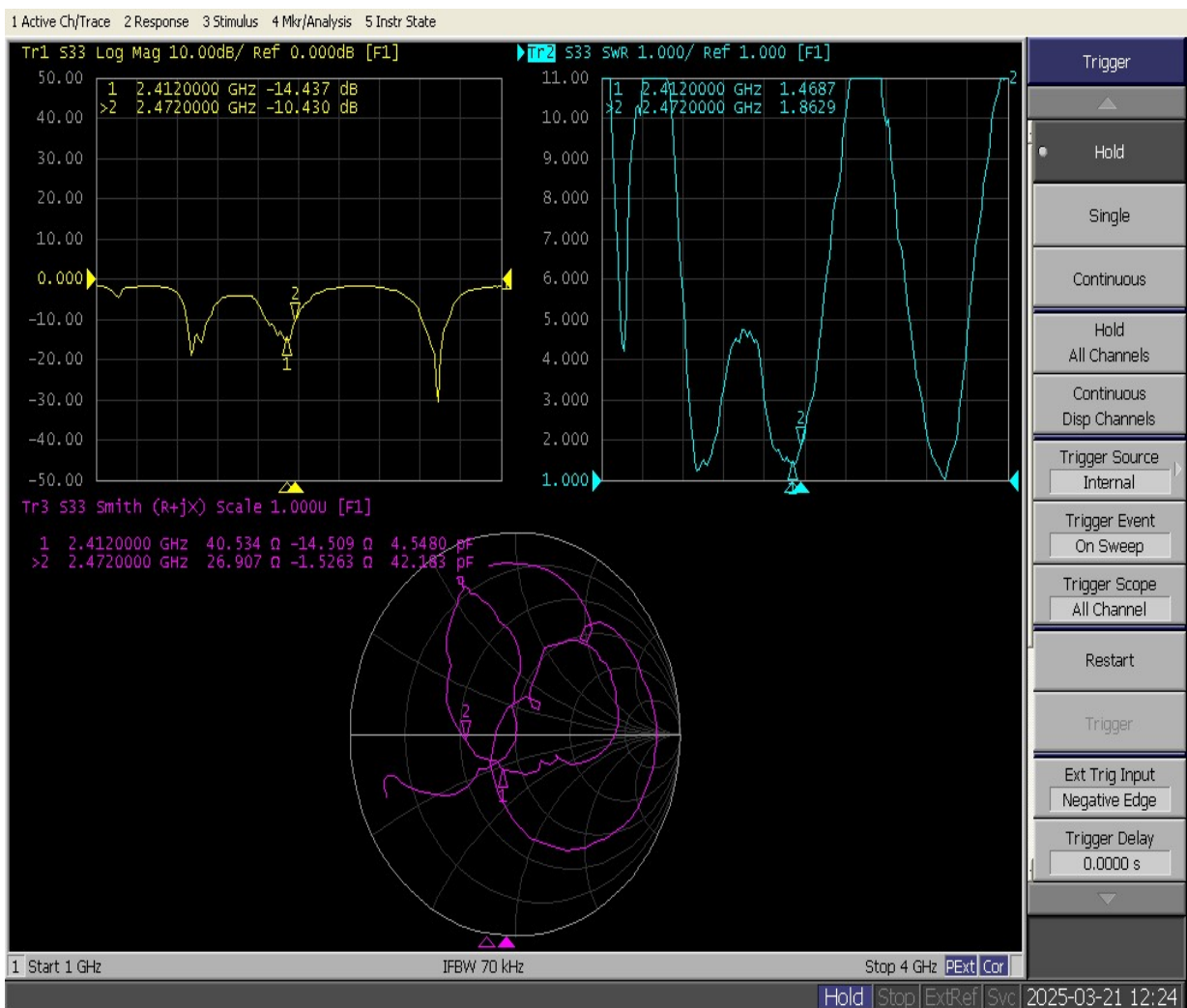


E5071C



5. Electrical performance test -S11

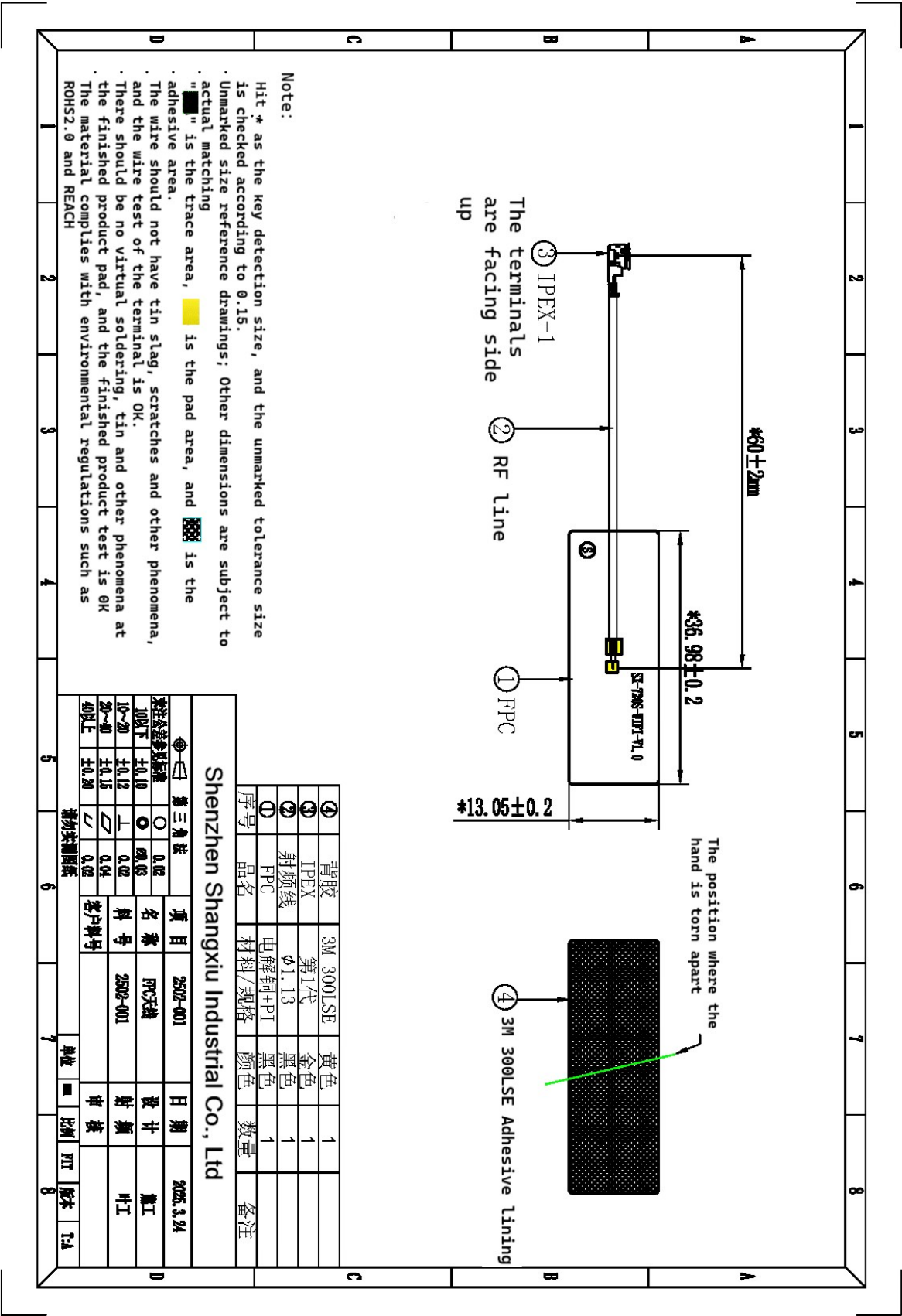
BAND	2400Mhz
1. (Return Loss)	12.43
2. (VSWR)	1.66



6. OTA Passive testing

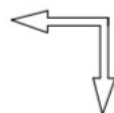
Efficiency & Gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	41.49	-0.18
2410	37.84	-0.52
2420	35.24	-0.84
2430	36.25	-0.74
2440	37.26	-0.64
2450	37.21	-0.74
2460	34.2	-1.26
2470	34.87	-1.08
2480	35.8	-0.95
2490	34.27	-1.13
2500	30.85	-1.54

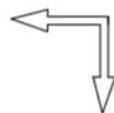


Product packaging

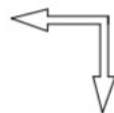
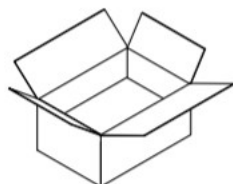
一: (Antenna products)



二: (Put them in PE bags, quantity is packed in (50 100pcs) ,
Subject to the actual situation



三: (Put the antenna in the carton)



四: (Seal the box and paste the production label and RoHS label on the outer box
(actual situation shall prevail)

