



规格承认书

SPECIFICATION FOR APPROVAL

日期
Date 2026/04/20

编号
File No 26042001

版本
Revision 1.0

客 户

CUSTOMER:

Autel Intelligent Technology Corp., Ltd.

Floor 2, Caihong Keji Building, 36 Hi-tech North Six Road, Songpingshan Community,
Xili Sub-district, Nanshan District, Shenzhen City, China

客户料号

CUSTOMER NO:

MA800

品 名

PART NAME:

BT Antenna

供方料号

SUPPLIER NO:

YJI01.005.127.301A

客户确认CUSTOMER APPROVED BY

APPROVAL

CHIEF

SUPERVISOR

供方确认 SUPPLIER SIGNATURE

APPROVAL

CHECK

DESIGN

ChenGuoqiang

ZhangLiqun

HuangTuyong

YJ-RD-F04-A





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13	-	-	-

RoHS

Compatible

CUSTOMER

PART NO

REV.

DESCRIPTION

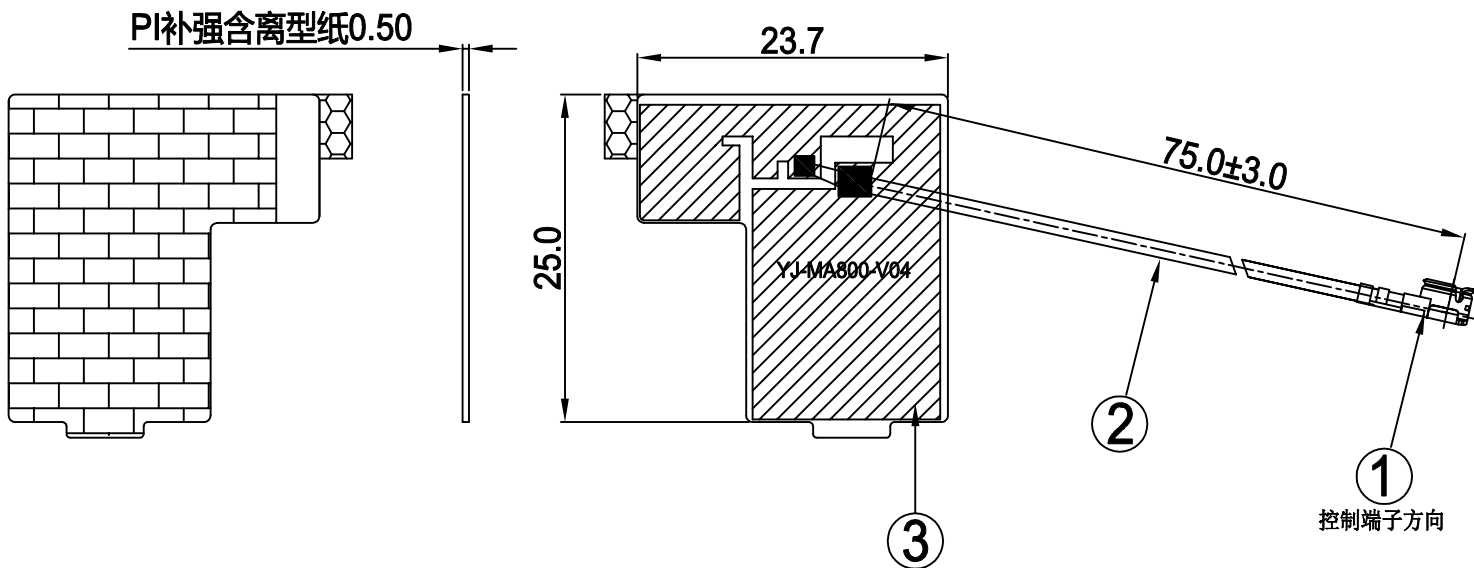
DATE

A

首次发行

2026-04-20

B



东莞市一佳电子通讯科技有限公司

DONGGUAN YIJIA ELECTRONICS COMMUNICATION TECHNOLOGY CO., LTD

PART NAME: BT Antenna

PART NO.: YJ101.005.127.301A

DATE: 2026-04-20

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance
X.X ±0.50
X.XX±0.15
X° ±3°

殷涛

魏道发

黄土勇

UNITS: mm

SCALE: 1/1

REVISION: A

3	FPCB	25.0*23.7MM	FPCB	I01.005.127.FPC0101T	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA10001A.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER10001A.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

1 2 3 4 5 6 7 8



天线规格 Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	3.4 dBi
Radiation	Omni-directional
Polarization	Linear
Antenna type:	FPC Antenna

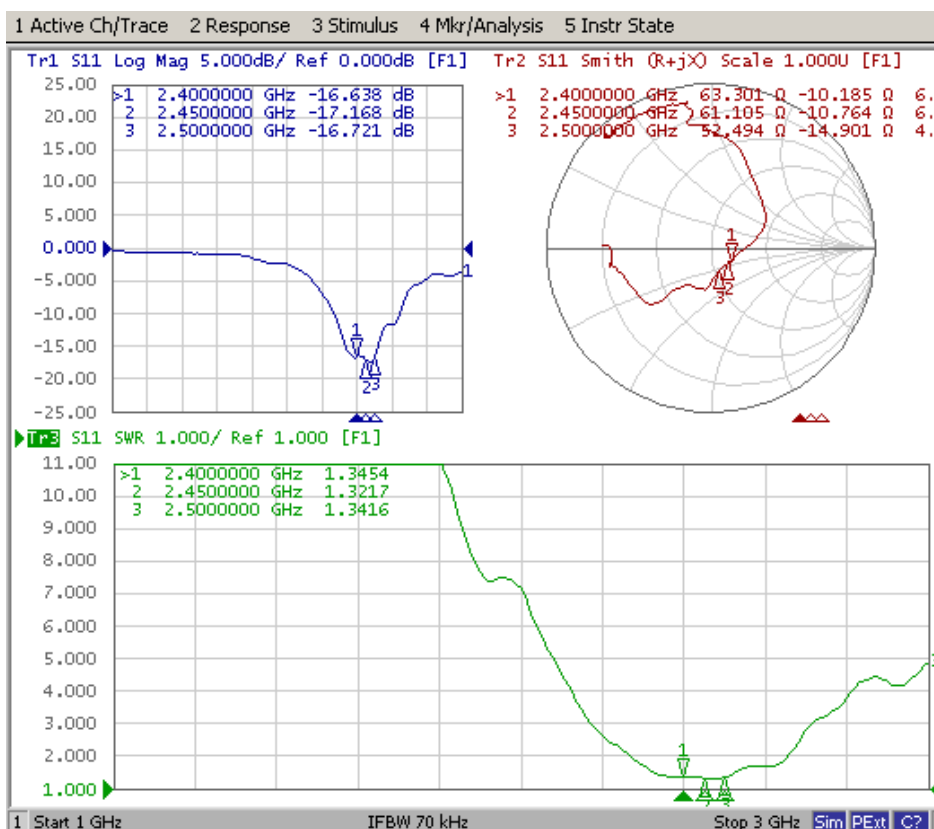
Physical Properties

Connector	IPEX-1
Cable Type	O.D.1.13mm
Cable Length	75mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



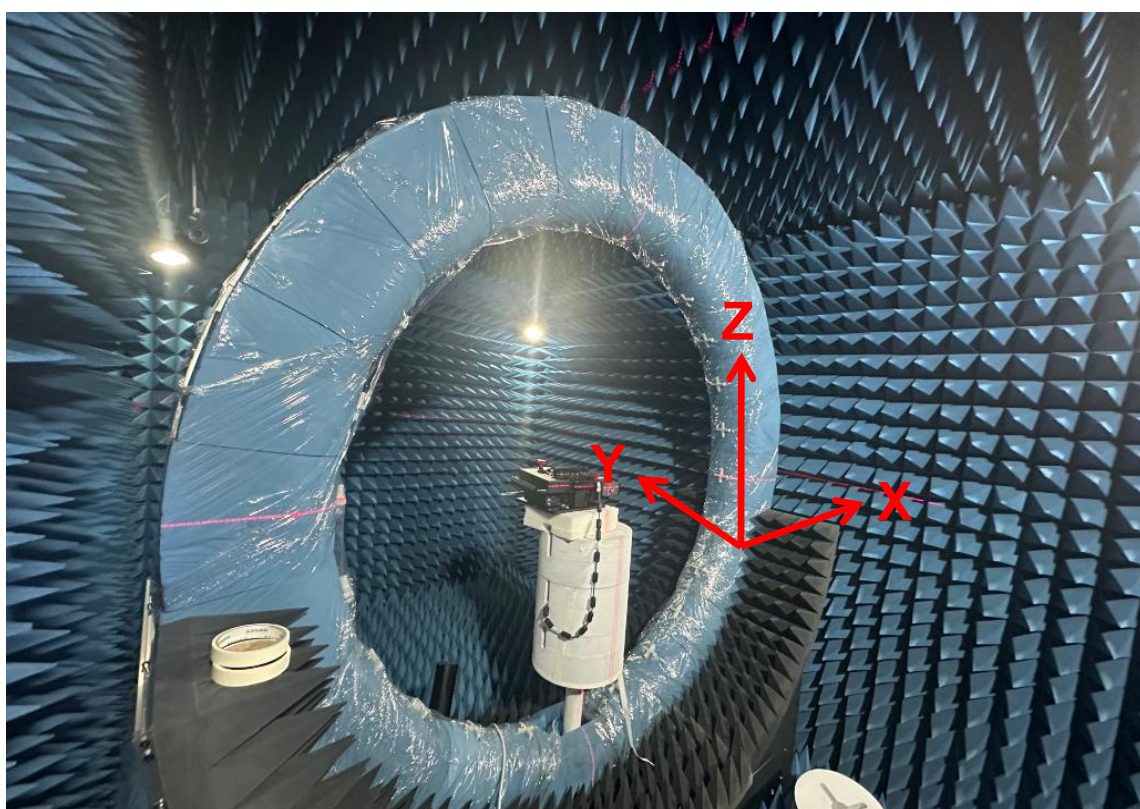
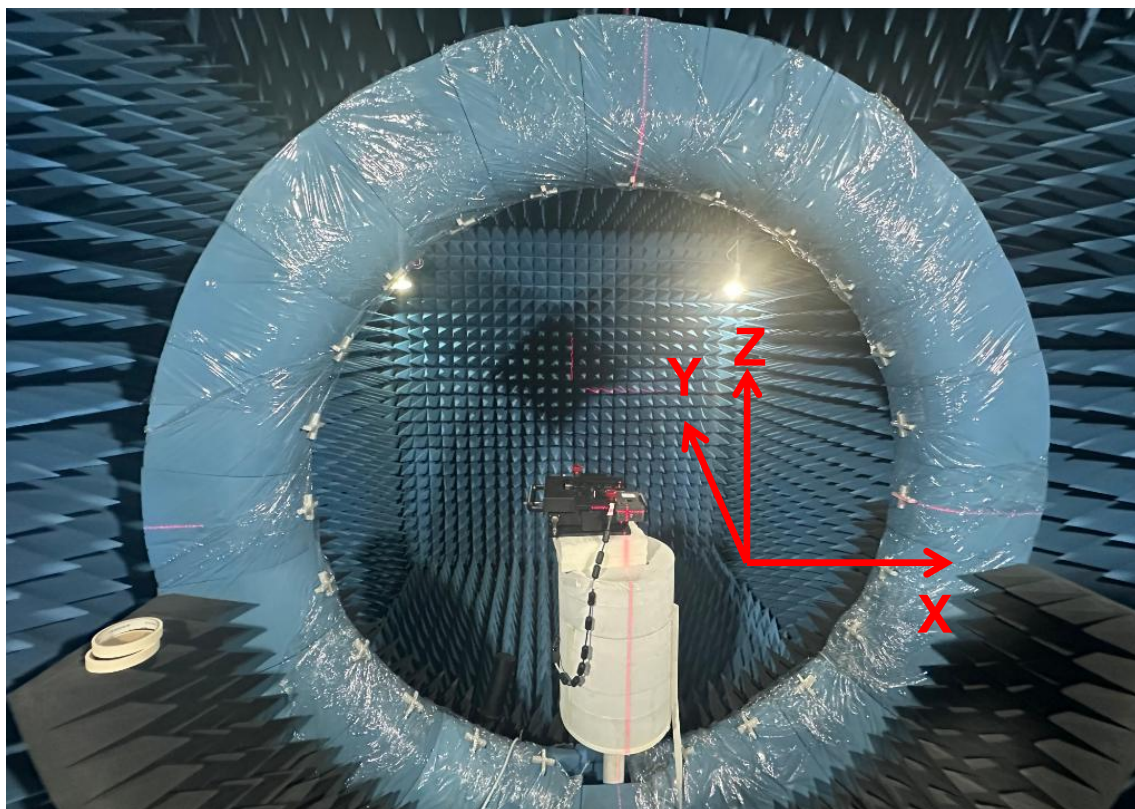
Antenna Performance Test

*Agilent
E5071C
S
Parameter
Test //
2.4G
Antenna*





Antenna Passive Test





Passive Test For 2.4G Antenna

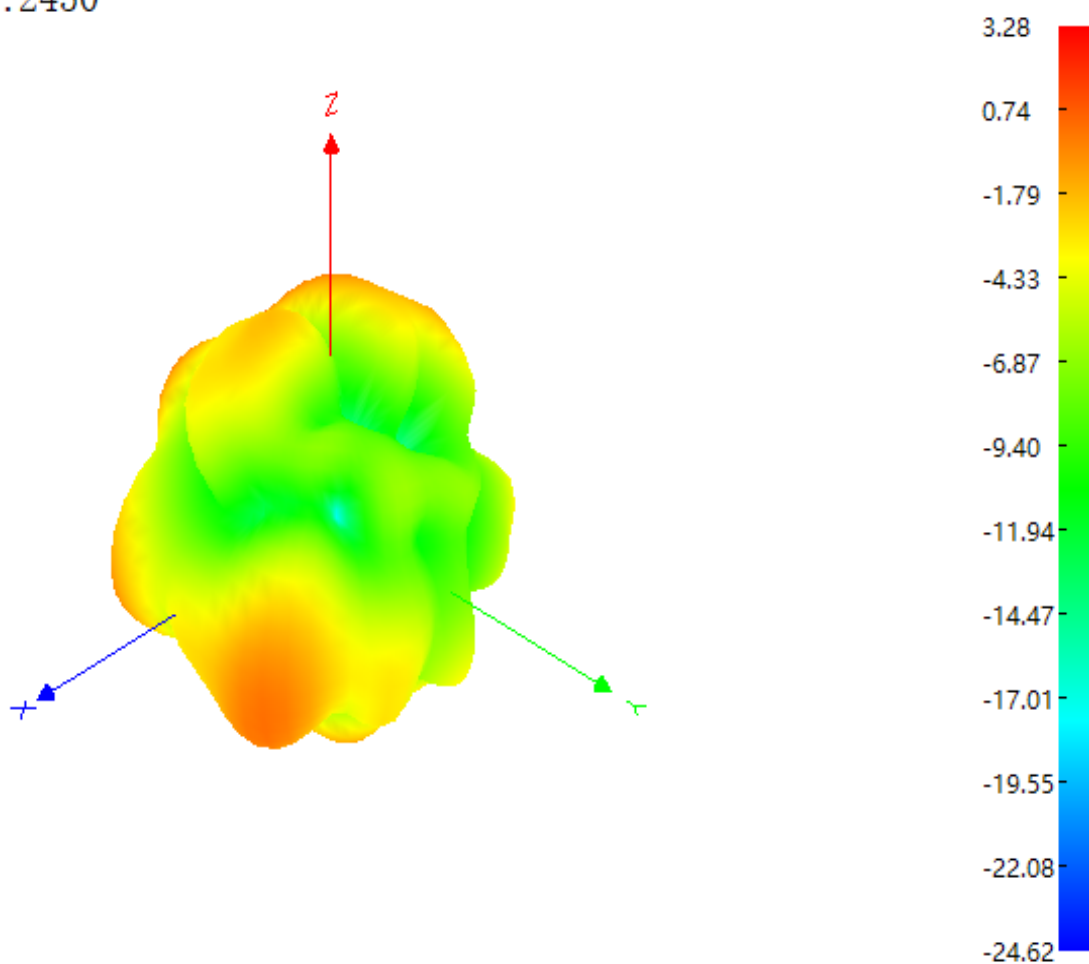
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	50.1	-3.0	3.0
2410	50.1	-3.0	3.2
2420	49.6	-3.1	3.2
2430	48.6	-3.1	3.2
2440	48.5	-3.1	3.2
2450	49.6	-3.1	3.3
2460	50.8	-2.9	3.4
2470	49.3	-3.1	3.2
2480	49.1	-3.1	3.3
2490	50.4	-3.0	3.3
2500	48.6	-3.1	3.3





Radiation Pattern For 2.4G Antenna (2450MHz)

Frequency (MHz) : 2450





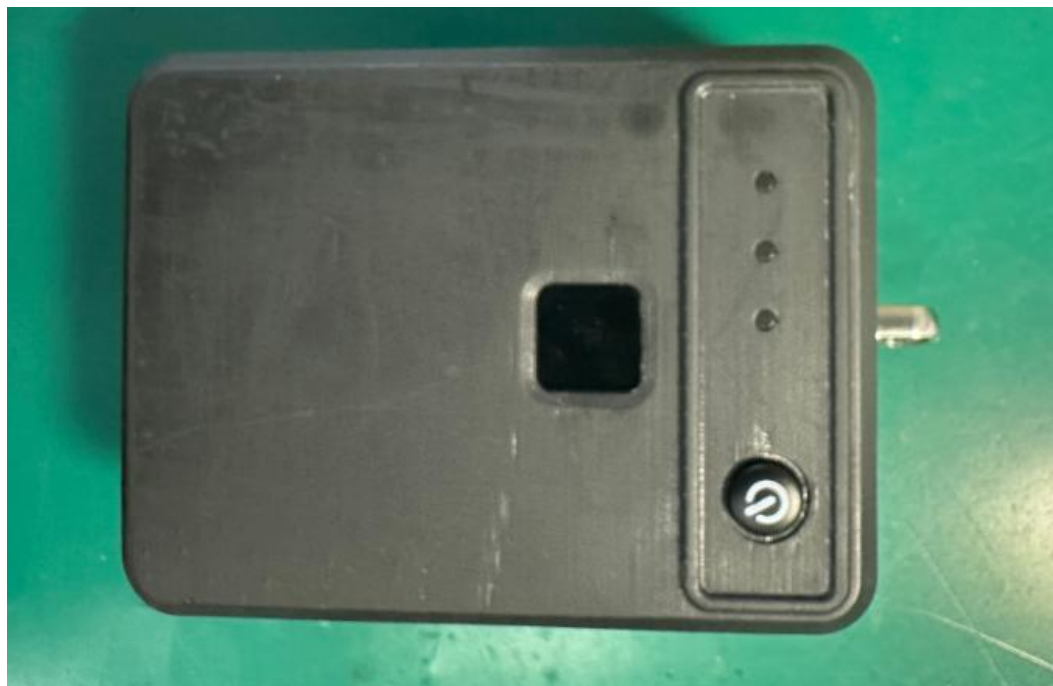
Antenna Active Test

Active Test For BT Antenna

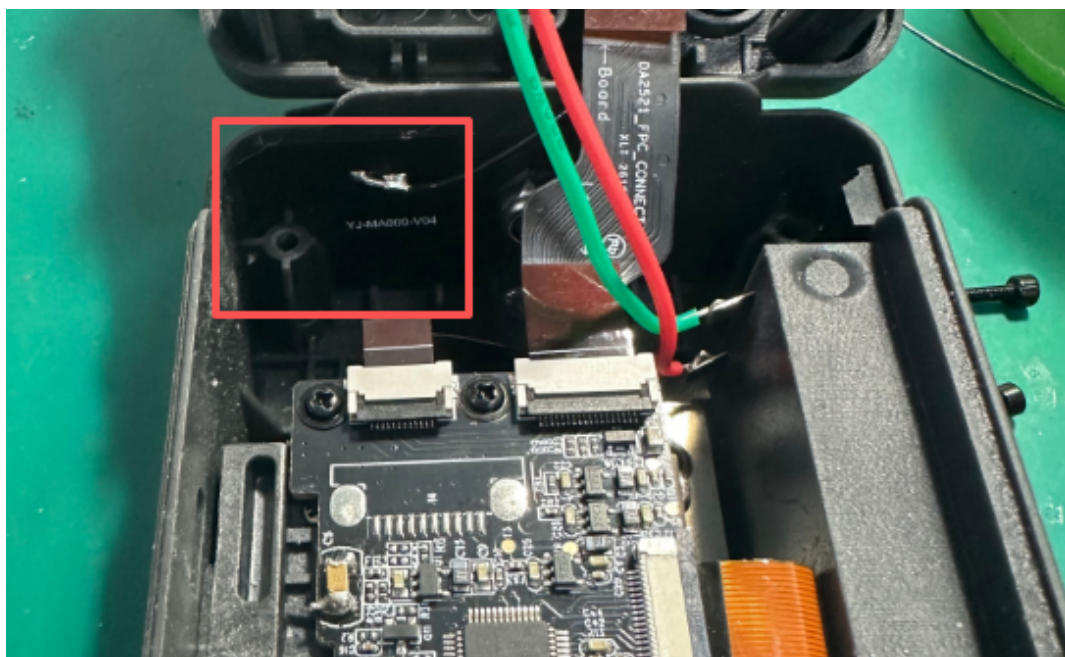
Band	Channel	TRP	TIS
Blue Tooth Band 0	0	3.4	-87.3
	39	3.2	-85.9
	78	3.3	-86.7



Device



*2.4G
Antenna*





2.4G Antenna

