



规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2024/09/20
编号 File No	24092001
版本 Revision	1.0

客户
CUSTOMER: 道通

客户料号
CUSTOMER NO: 501016135

品名
PART NAME: BT Antenna

供方料号
SUPPLIER NO: YJI01.005.107.301A

送样日期Date:

送样数量Q'TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	ChenXingyi

YJ-RD-F04-A

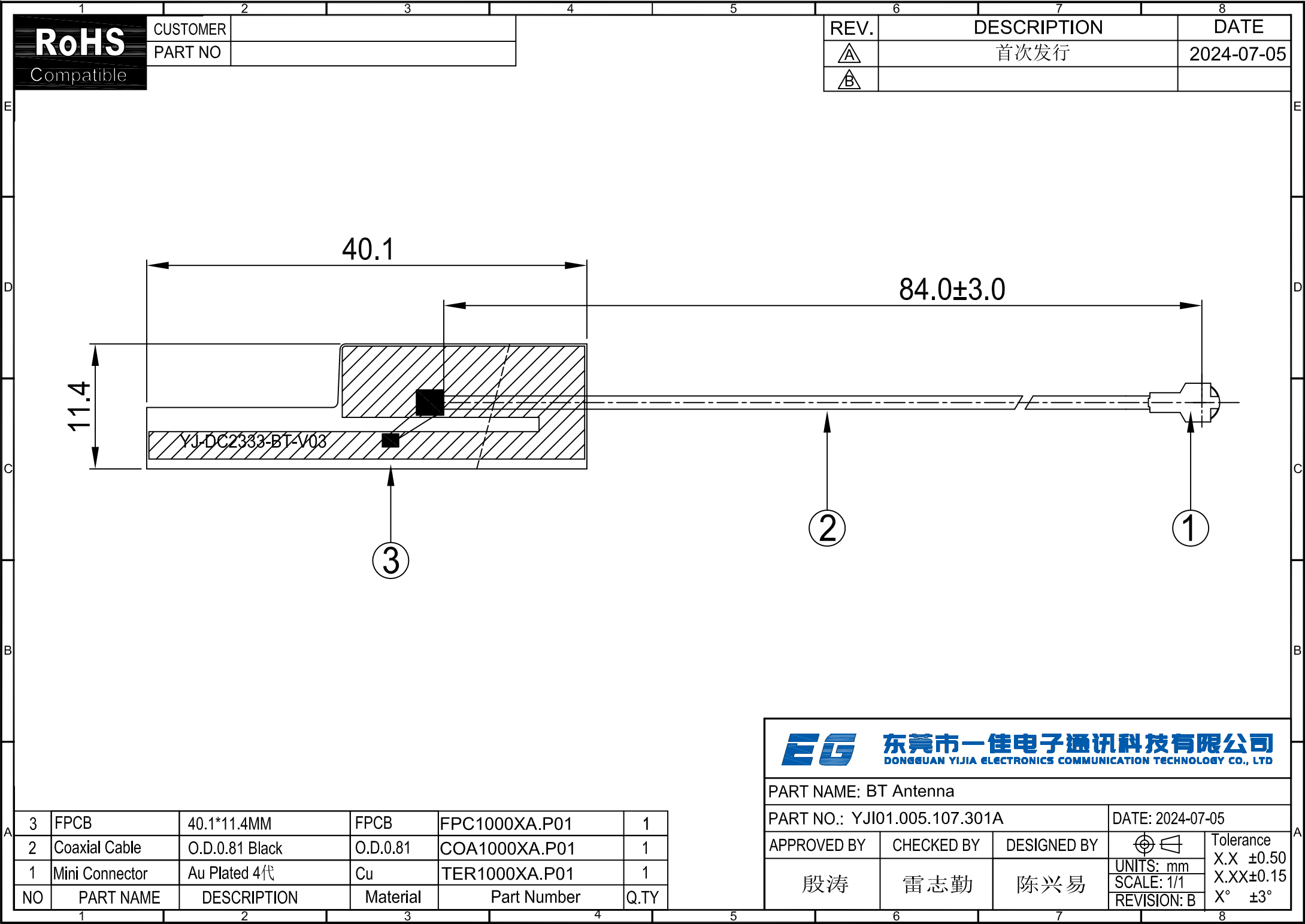




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13	-	-	-





RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
A	首次发行	2024-07-05
B		

3	FPCB	40.1*11.4MM	FPCB	FPC1000XA.P01	1
2	Coaxial Cable	O.D.0.81 Black	O.D.0.81	COA1000XA.P01	1
1	Mini Connector	Au Plated 4代	Cu	TER1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



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.: YJI01.005.107.301A			DATE: 2024-07-05	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
殷涛	雷志勤	陈兴易	UNITS: mm	X.X ±0.50
			SCALE: 1/1	X.XX±0.15
			REVISION: B	X° ±3°



天线规格 Antenna Specification

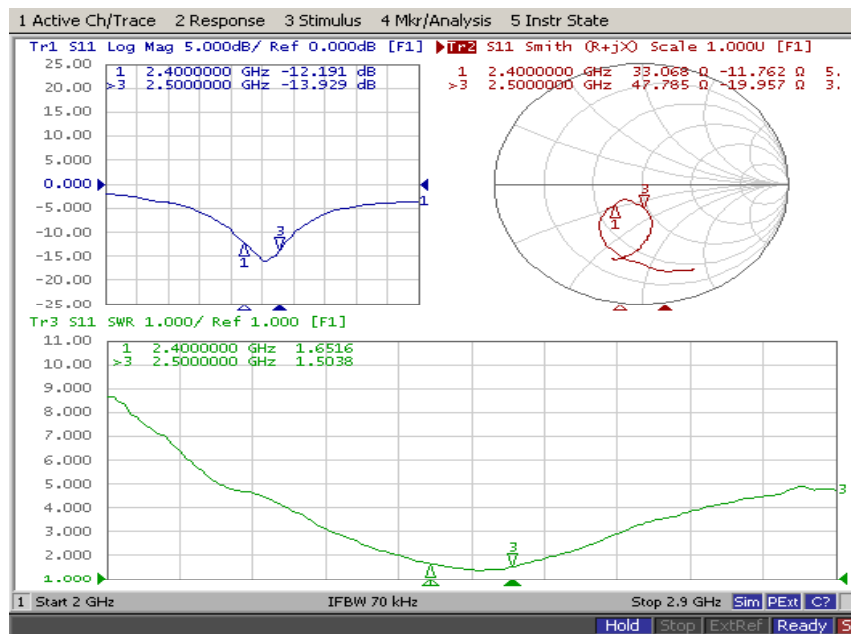
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	1.7 dBi
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	4代IPEX
Cable Type	O.D.0.81mm
Cable Length	84mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





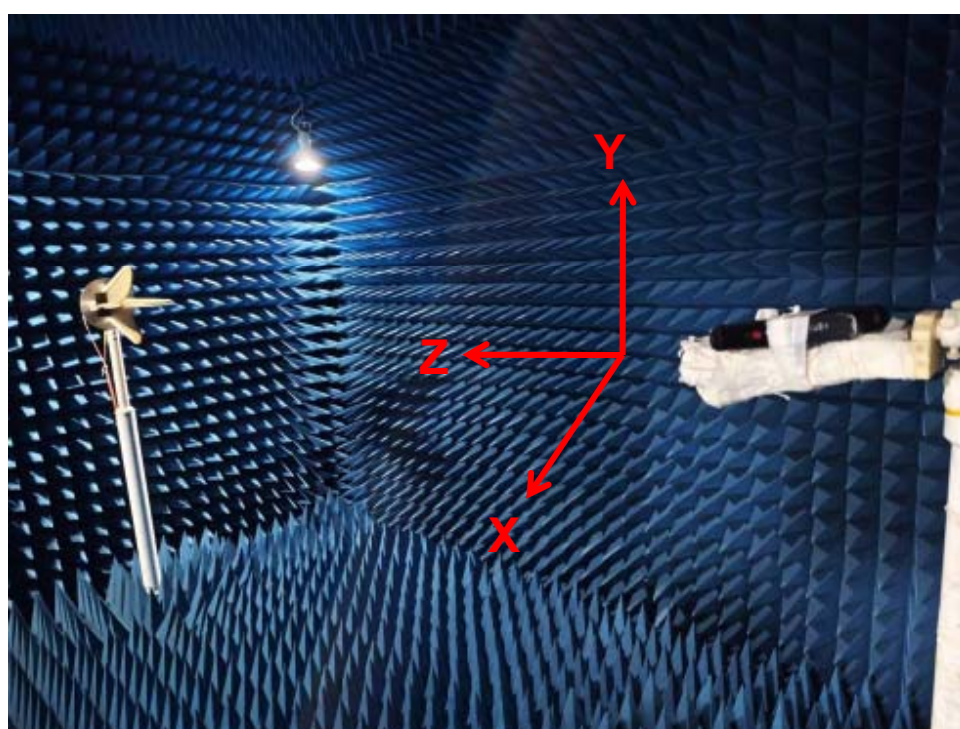
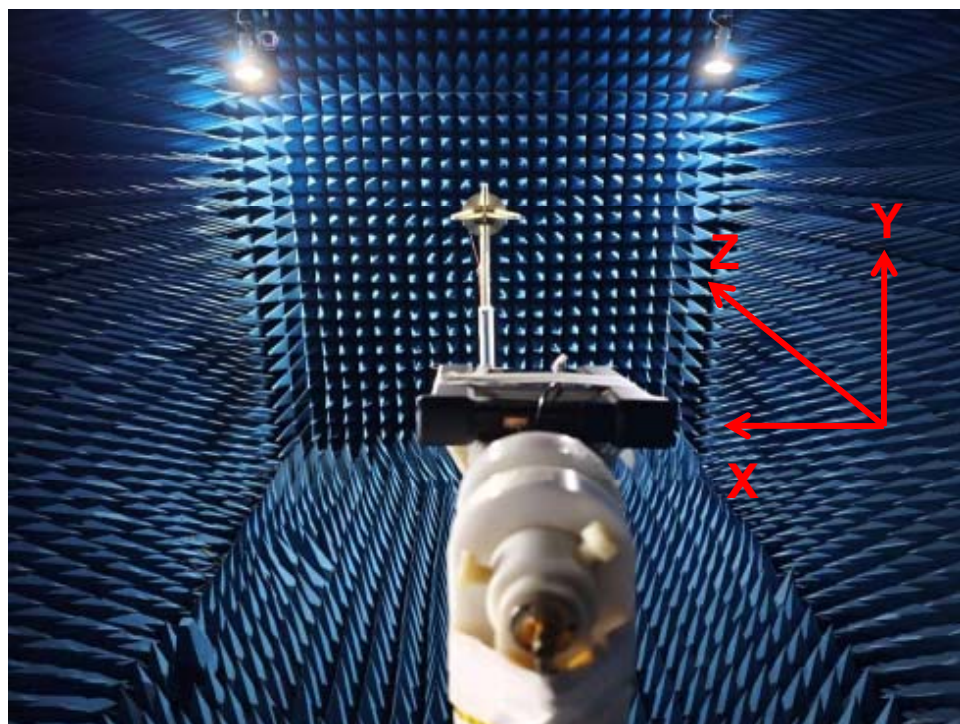
Antenna Performance Test

Agilent
E5071C
S
Parameter
Test //
BT
Antenna





Antenna Passive Test





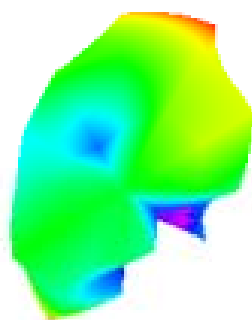
Passive Test For BT Antenna(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	43.8	-3.6	1.4
2410	44.2	-3.6	1.4
2420	43.4	-3.6	1.4
2430	43.8	-3.6	1.5
2440	43.5	-3.6	1.5
2450	45.3	-3.4	1.7
2460	44.1	-3.6	1.5
2470	44.7	-3.5	1.6
2480	44.1	-3.6	1.5
2490	43.0	-3.7	1.5
2500	41.4	-3.8	1.4



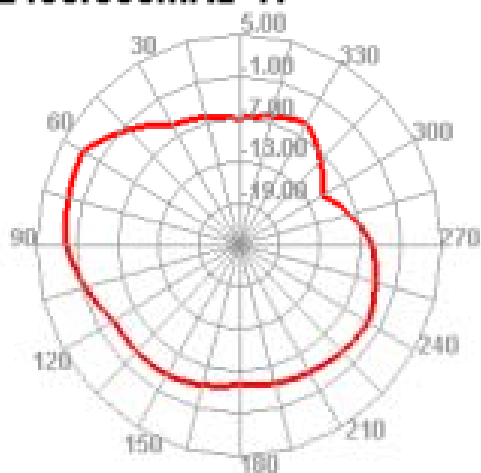


Radiation Pattern For BT Antenna (2450MHz)

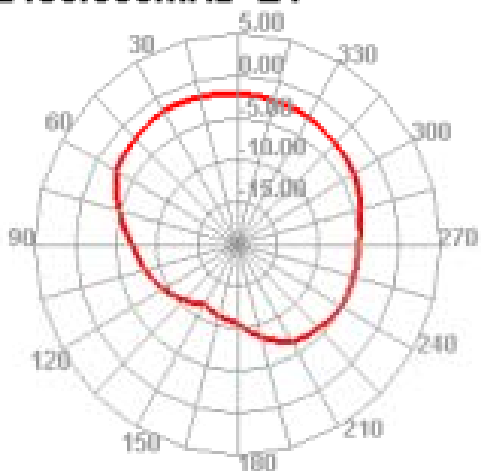
2450.000MHz



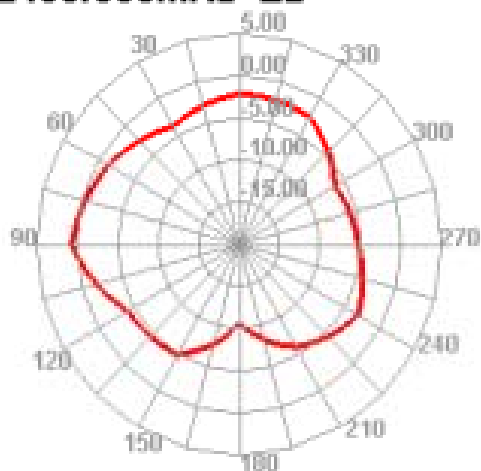
2450.000MHz H



2450.000MHz E1



2450.000MHz E2





Active Test For BT Antenna			
Band	Channel	TRP	TIS
Blue Tooth Band 0	0	2.0	-87.11
	39	2.6	-86.6
	78	3.3	-86.6





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Device

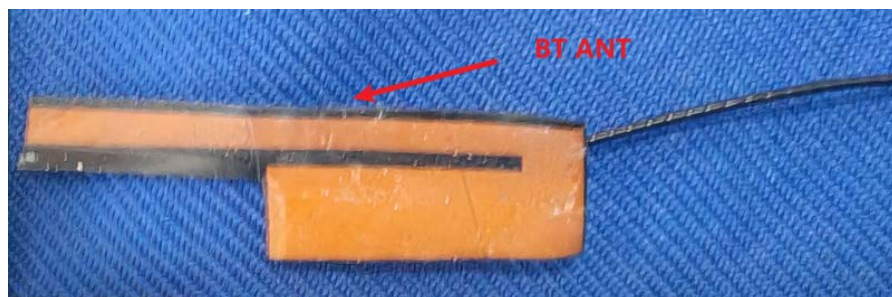


东莞市长安镇沙头社区木鱼路59号 Tel:0769-82586086 Fax:0769-82586086

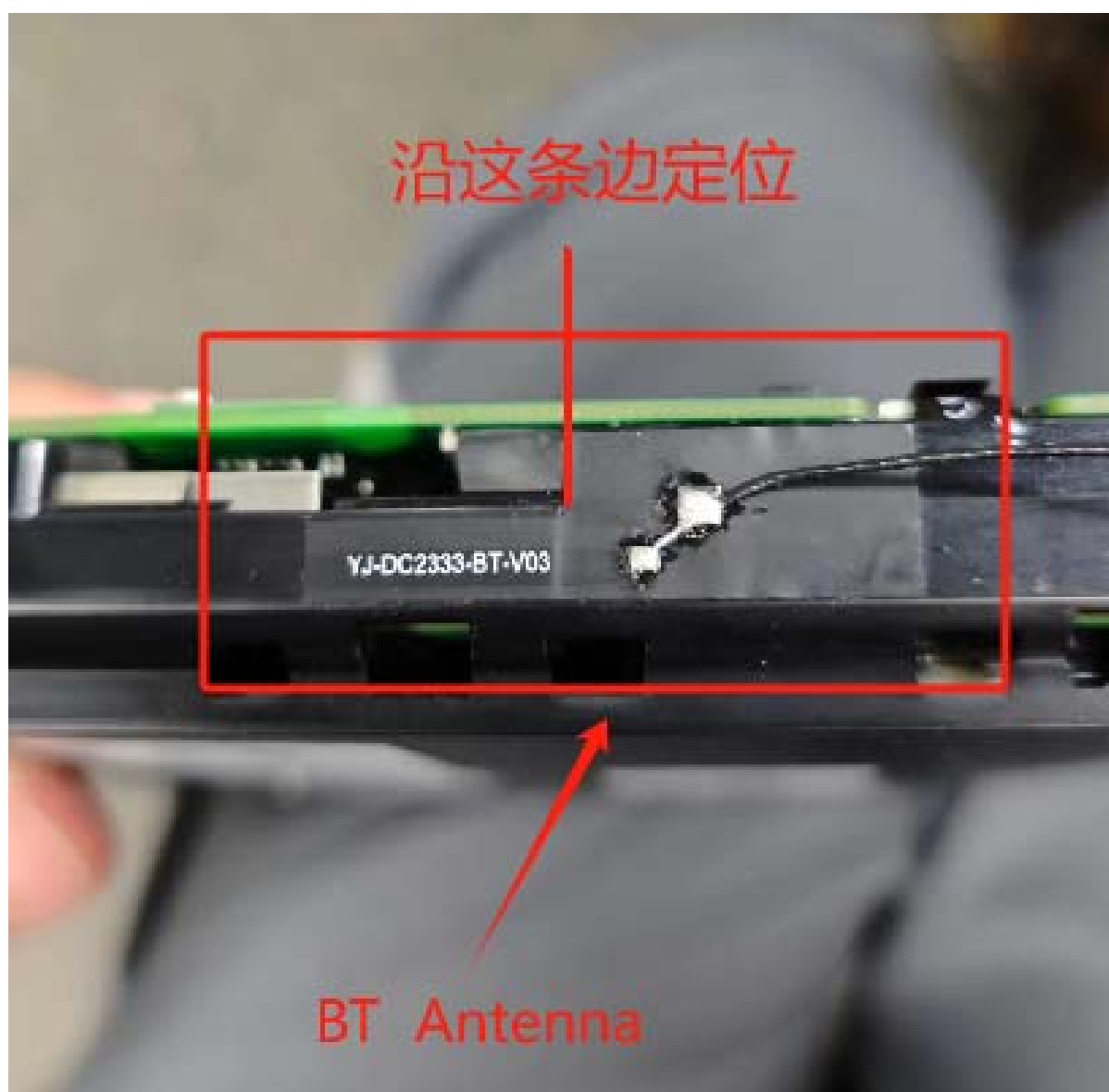


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BT Antenna



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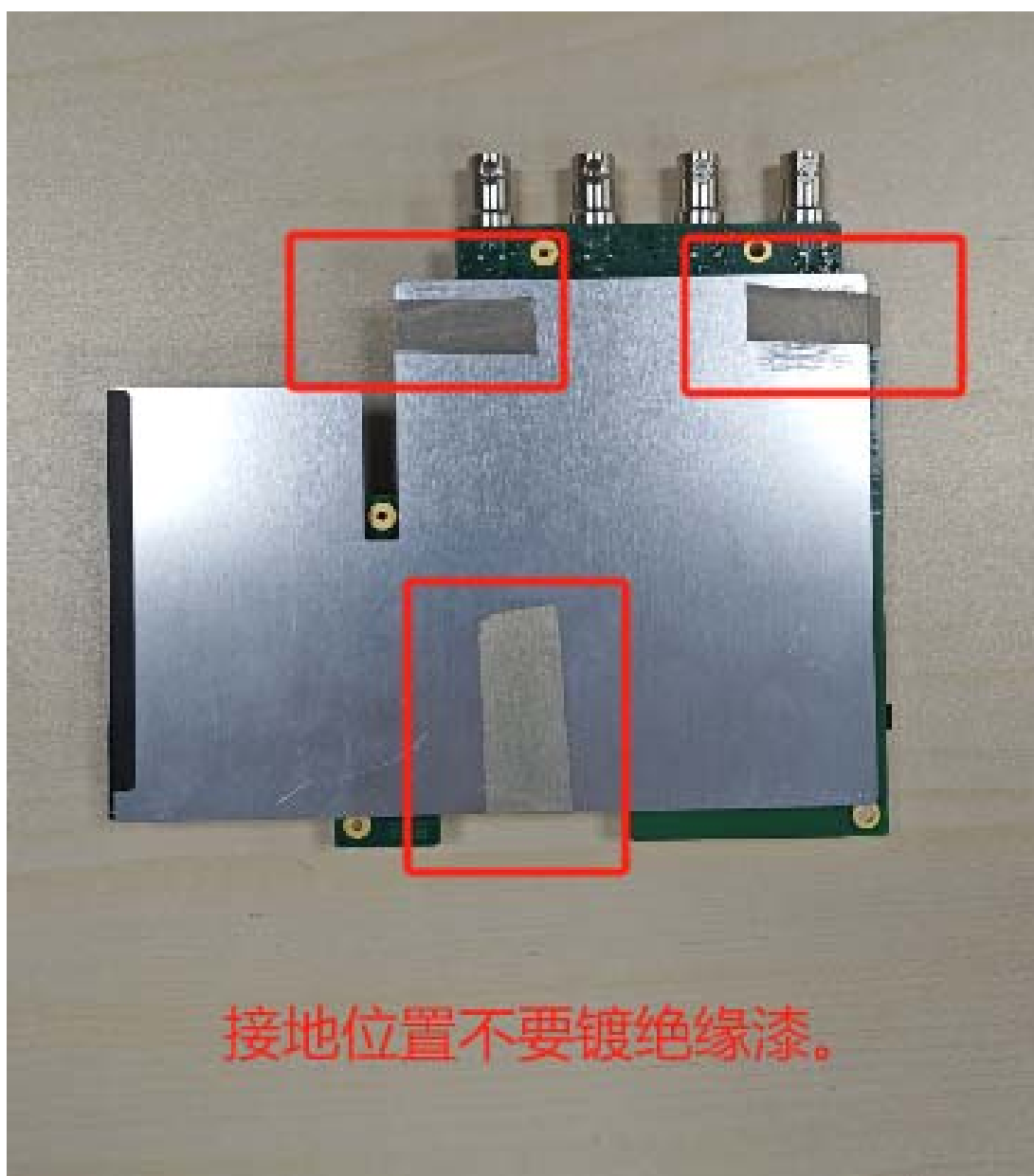








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