

SPECIFICATION FOR APPROVAL

DESCRIBE: Anker Innovations Co., LTD (T8404)

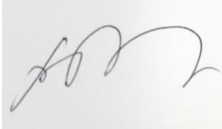
Customer NO: _____

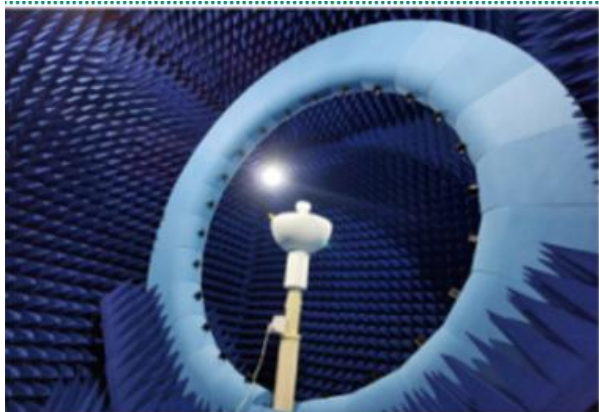
PART NO: ATC1577-AK025B70RA

Antenna type: 2.4G&5.8G Antenna (FPC+Cable)Black

DATE: 2026.10.10

PROVIDER: AT&C Technology (Shenzhen) Co.
 201, Building C, Chuangwei Innovation Valley, No.1 Tangtou
 Road, Shiyan Street, Bao'an District, Shenzhen, China

		ID Department	Test department	Structure section	Quality department
Customer Admit	confirm				
Supplier Admit	confirm	confirm	Proofreading	To examine	Approval
		ZiYeHui	Mo Zhen Wen	Xuliying	



We have RF equipments as below

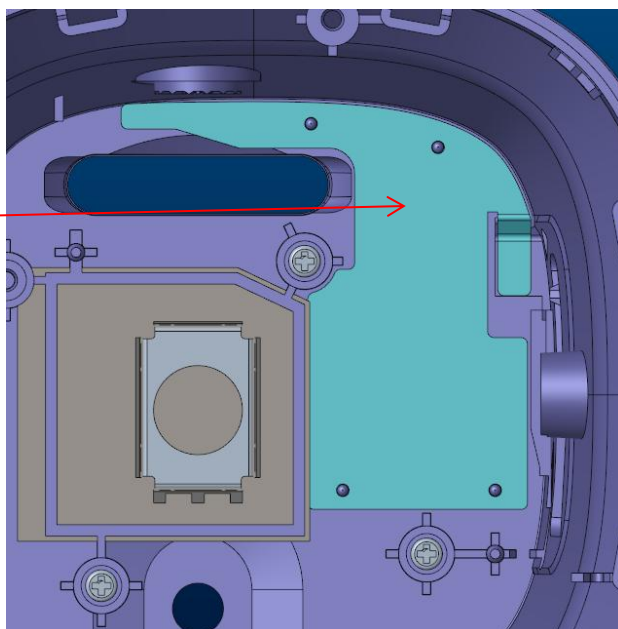
Anechoic Chambe

- Satimo 1ea
- SY24 1ea
- SAR 1ea
- KSS 2ea

Measurement

- 2G, 3G, 4G
- GPS
- Wifi
- Bluetooth(3.0) OTA
- NFC & WPC

2.4G ANT





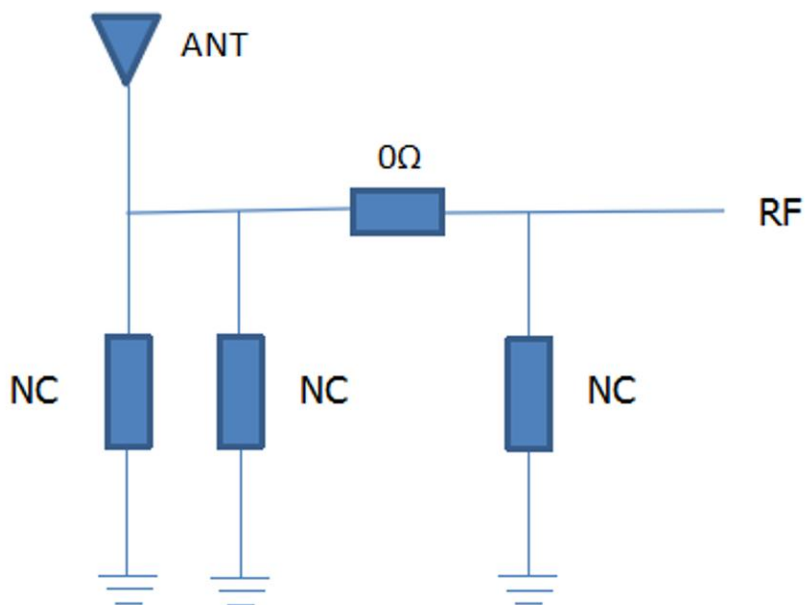
BOM

Customer	Anker	Written By	ZYH	Orig. Date	2026.10.10
Part Number	ATC1577-AK025B70RA	Revised By	SHIN	Revised Date	2026.10.10
Description	2.4G&5.8G ANT	Approved By	HJ	Approved Date	2026.10.10

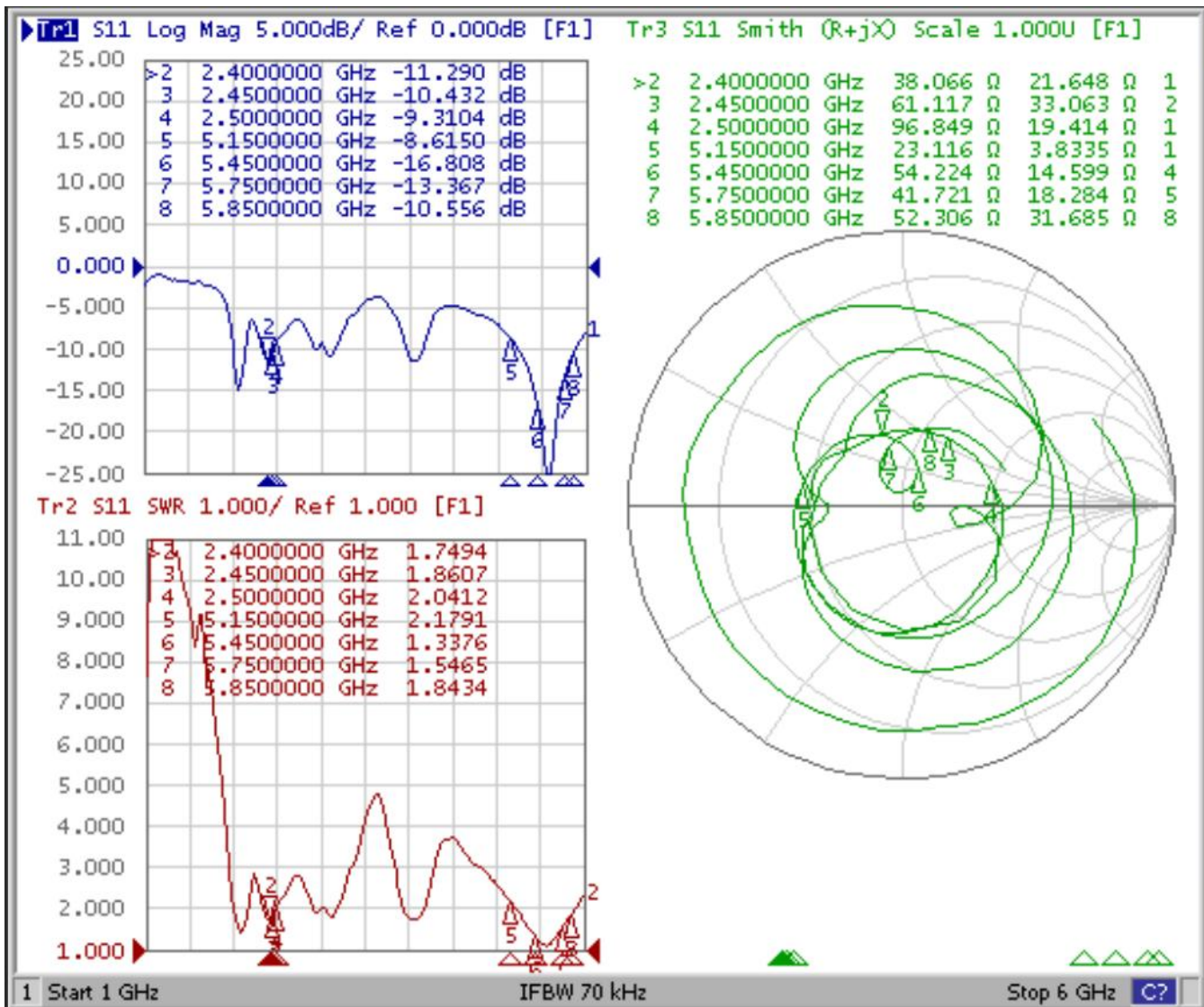
Part P/N	Part Name	Part description
ATC1577-AK025B70RA	2.4G/5.8G Ant	32.25*32.03*0.12, PI+CU, welded black coaxial cable, wire diameter 1.13, wire length 87mm, equipped with 1st generation terminal, solder joints with UV glue

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1. No changes made



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Antenna *Efficiency

Customer	Anker	Written By	ZYH	Orig. Date	2026.10.10
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(2.4G) Passive Test Results

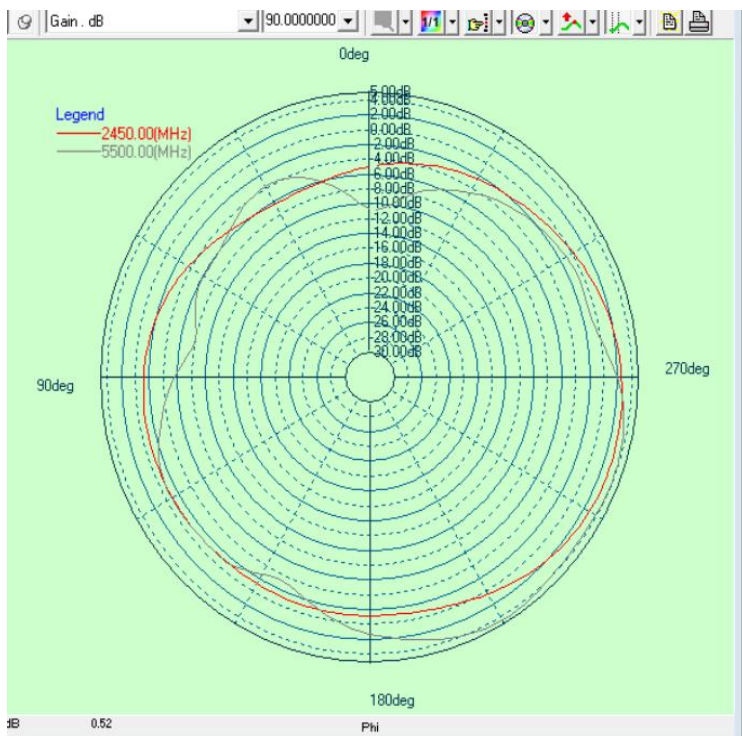
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Max Gain (dBi)
2400	61.90%	-2.08	3.07
2420	62.20%	-2.06	3.13
2440	59.22%	-2.28	3.17
2450	59.33%	-2.27	3.16
2460	59.74%	-2.24	3.19
2480	61.10%	-2.14	3.18
2500	62.61%	-2.03	3.26
AVG:	60.87%	-2.16	3.16

(5G) Passive Test Results

5150	54.62%	-2.63	3.23
5200	57.38%	-2.41	3.50
5250	59.09%	-2.28	3.50
5300	61.48%	-2.11	3.78
5350	61.69%	-2.10	3.91
5400	62.01%	-2.08	3.96
5450	61.48%	-2.11	3.92
5500	60.90%	-2.15	4.22
5550	60.95%	-2.15	4.01
5600	59.35%	-2.27	3.93
5650	60.38%	-2.19	3.62
5700	58.94%	-2.30	3.47
5750	56.93%	-2.45	3.47
5800	55.44%	-2.56	3.35
5850	53.58%	-2.71	3.24
AVG:	58.95%	-2.30	3.68

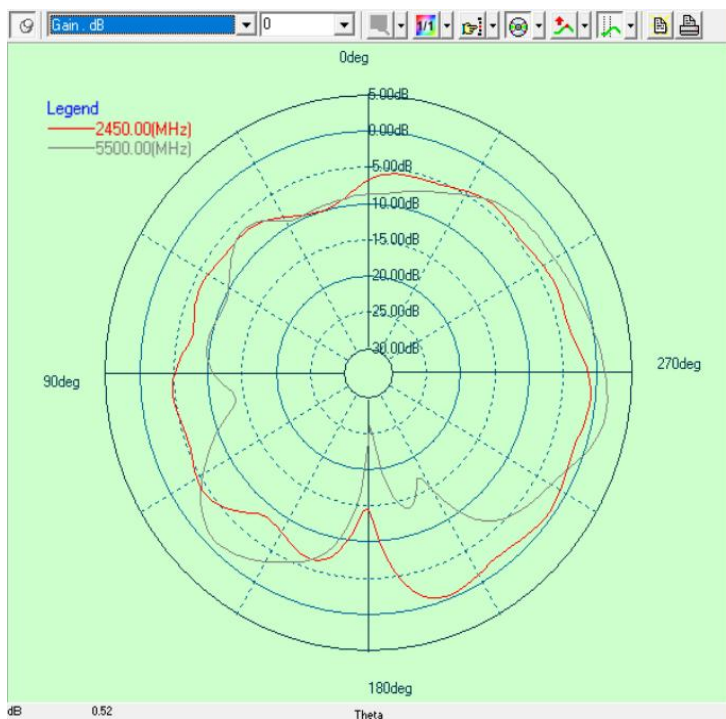
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H



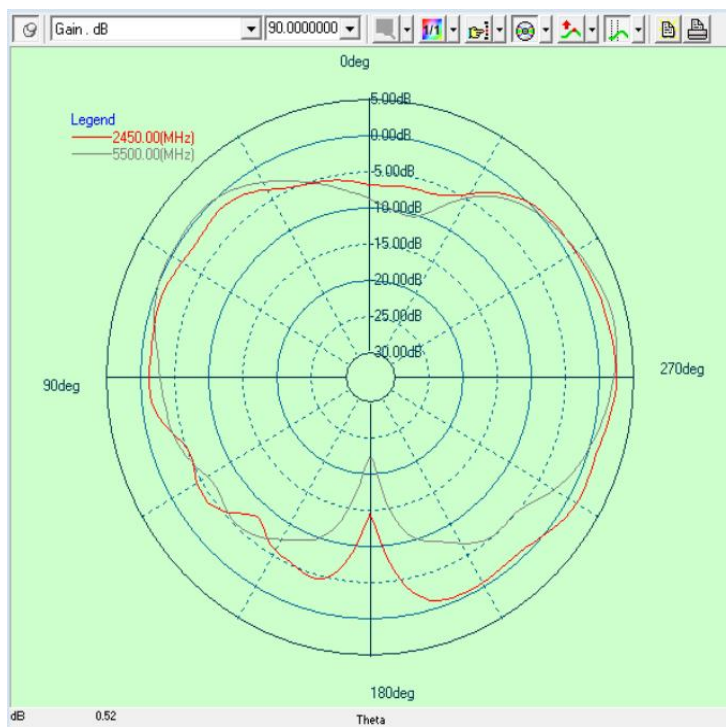
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E1



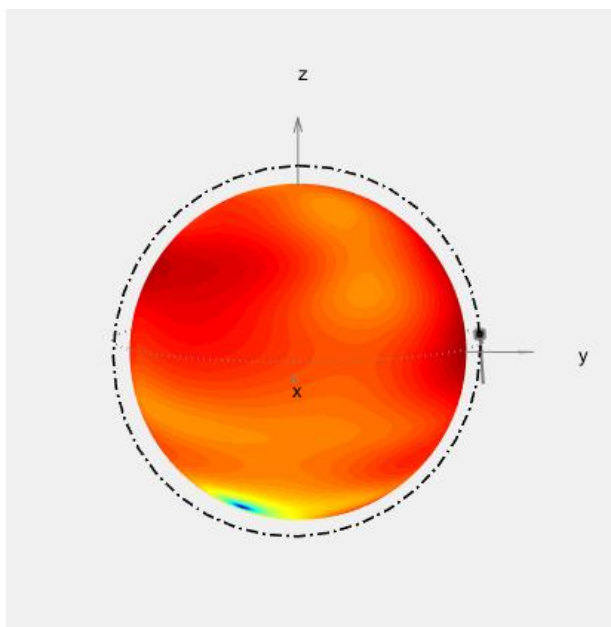
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E2

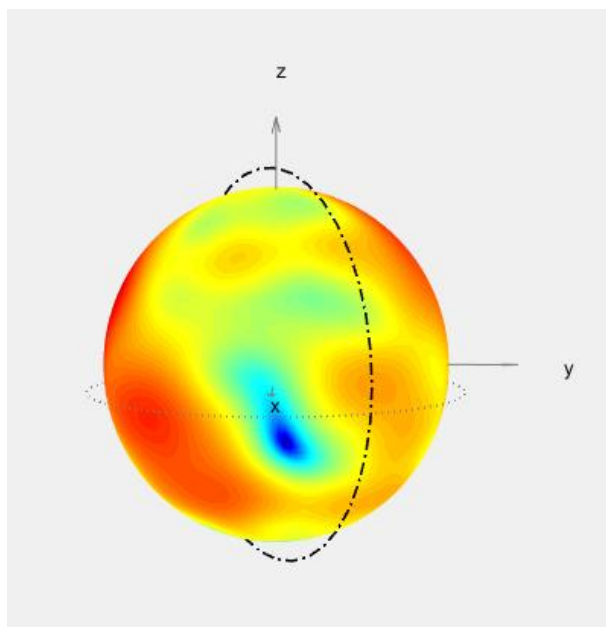


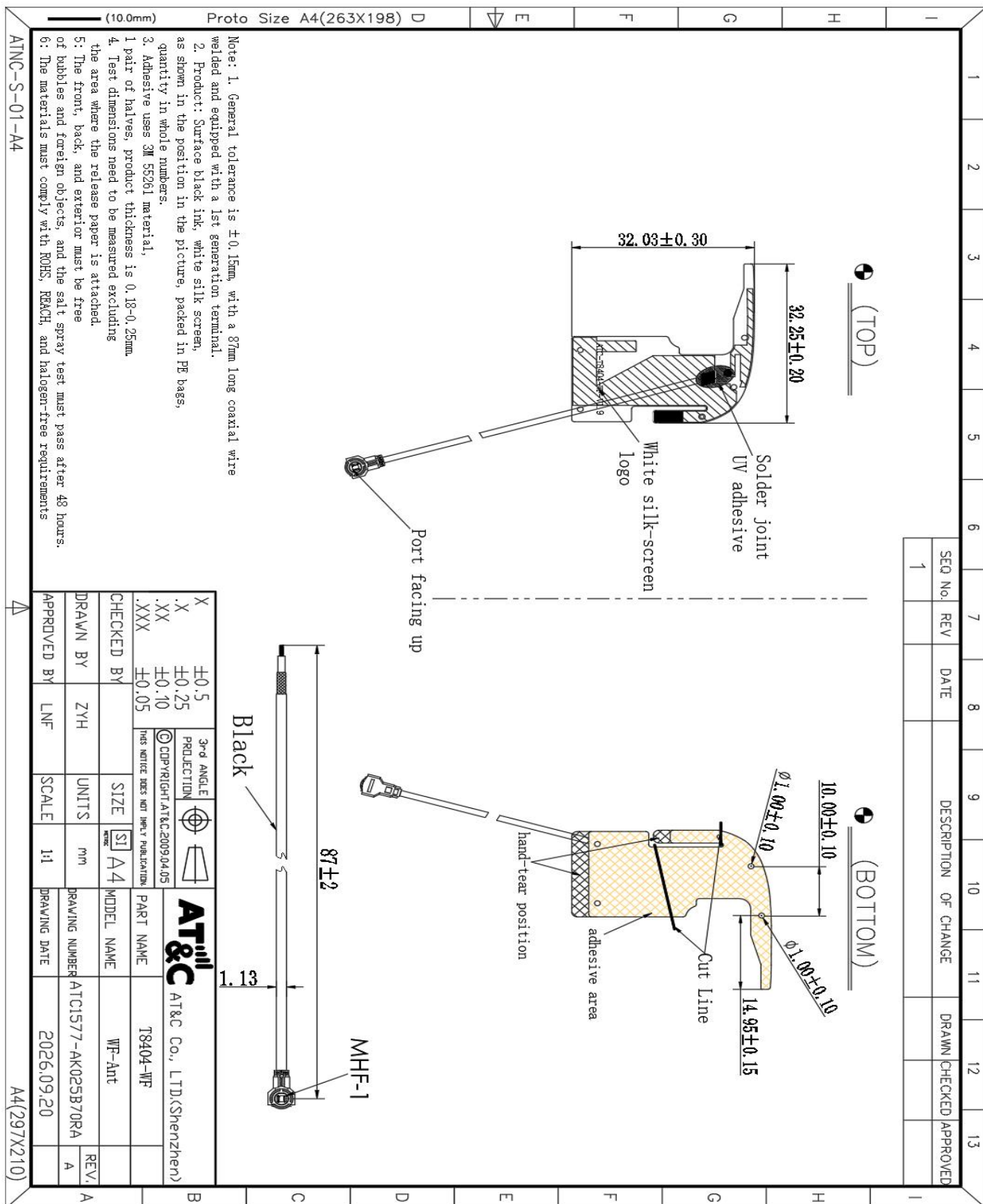
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2450MHZ



5500MHZ





Packaging method

PE bag packaging, product emission neat, uniform quantity



Picture: Outer box "I" seal, QC PASS seal on the left side of the outer box, sealed without exposure.



PART LIST

The packing drawing is schematic diagram, which does not mean that the picture is the actual product and the actual shipment is the standard.

NO	DESCRIPTION	Q'TY	MATERIAL	REMARKS	REV.
1	ANTENNA	1/1000		N/A	A
2	PAD OUT	1/4	SW A골 5T	N/A	A
4	CARTOON BOX	-	SW A골 5T	N/A	A
5	PACKING TAPE	-	PP	N/A	A