

SPECIFICATION FOR APPROVAL

DESCRIBE: Anker Innovations Co., LTD (AX170)

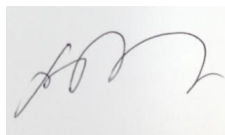
Customer NO:

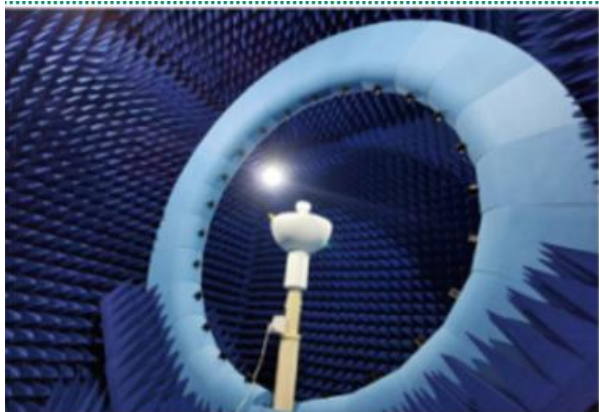
PART NO: ATC1514-AK011B70RA

Antenna type: WIFI-Ant plastic +Cable(Black)

DATE: 2025.08.13

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

Customer Admit	confirm	ID Department	Test department	Structure section	Quality department
Supplier Admit	confirm	confirm	Proofreading	To examine	Approval
		ZiYeHui	ZhouHao	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



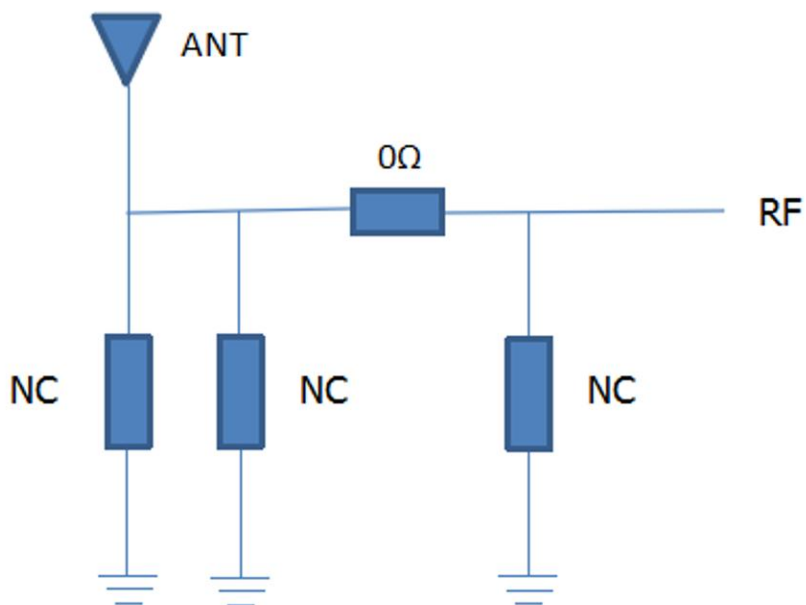
BOM

Customer	Anker	Written By	ZYH	Orig. Date	2025.08.13
Part Number	ATC1514-AK011B70RA	Revised By	SHIN	Revised Date	2025.08.13
Description	WIFI ANT	Approved By	HJ	Approved Date	2025.08.13

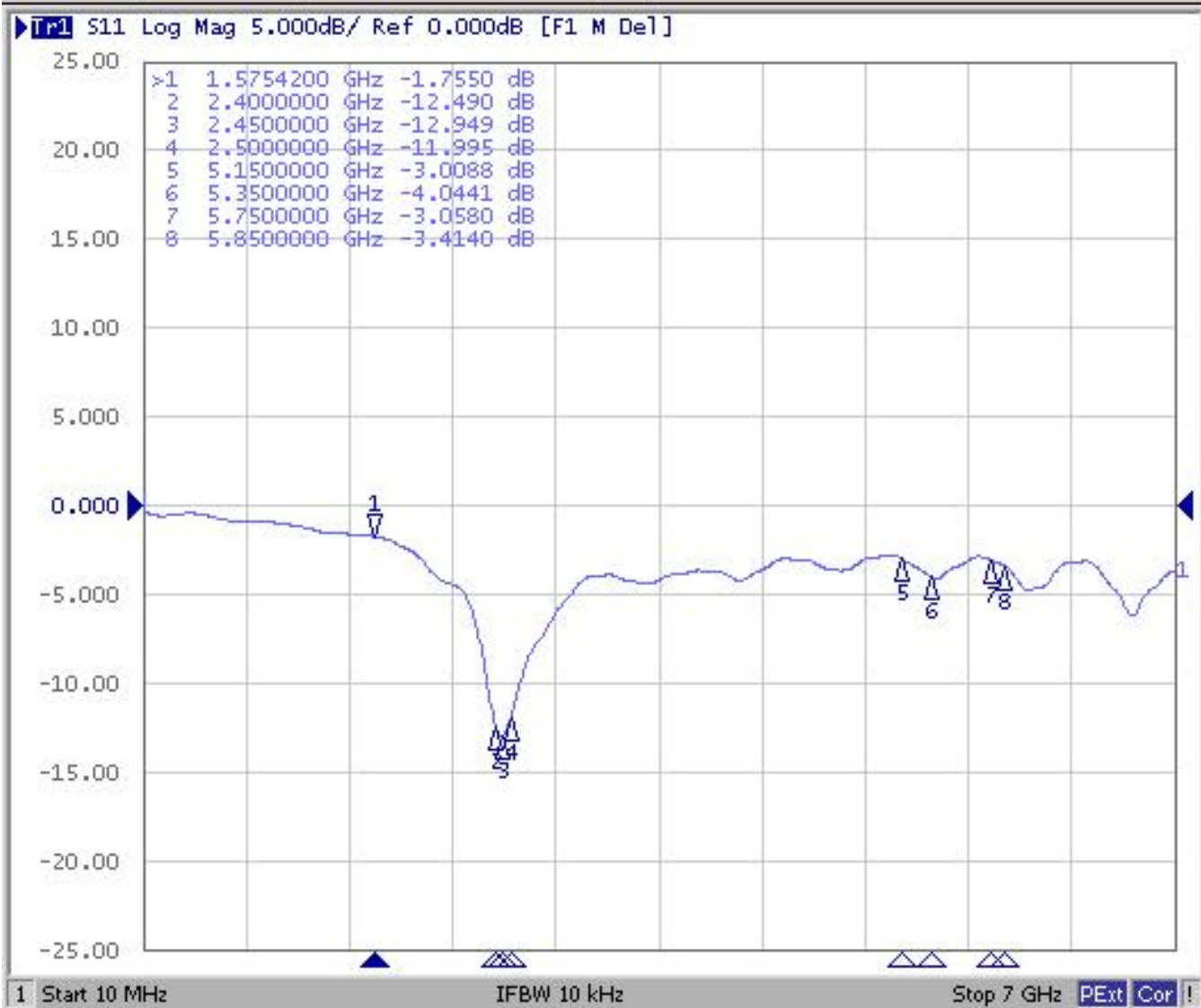
Customer number	ATC number	Part name
	ATC1514-AK011B70RA	Shell: made of SABIC PC-945U, black, dimensions 69.49*51.61*30.41mm; equipped with a black coaxial cable with a low-loss 1.37mm core, paired with first-generation terminals (wrapped with a glue-containing heat-shrinkable sleeve), with an exposed length of 120mm

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1. No changes made



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Antenna *Efficiency

Customer	Anker	Written By	ZYH	Orig. Date	2025.08.13
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(2.4G) Passive Test Results

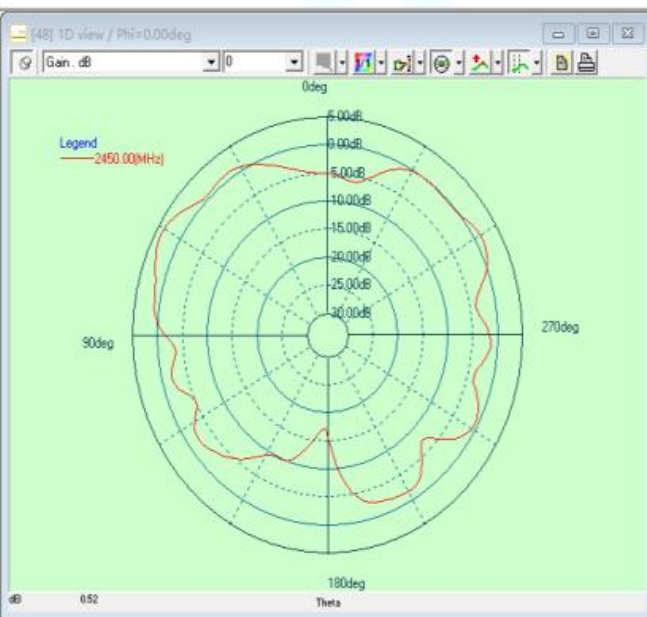
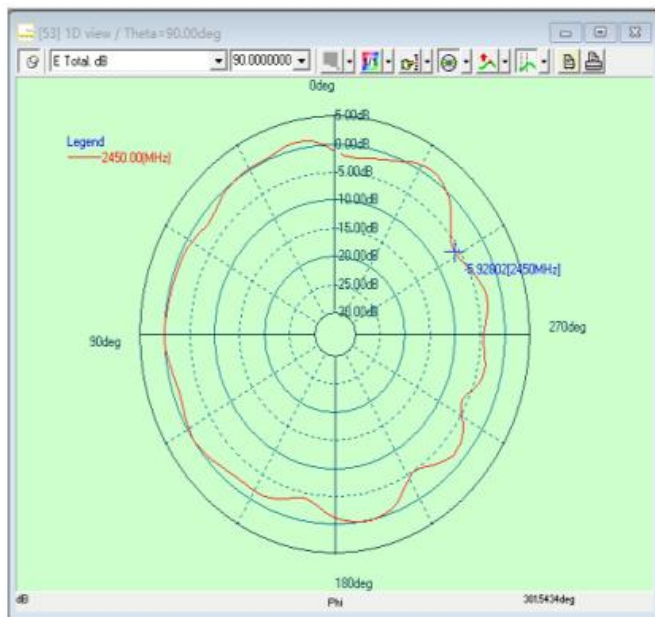
Frequency (MHz)	Efficiency (%)	Max Gain (dBi)
2400	66.20%	3.76
2410	66.69%	3.79
2420	65.97%	3.74
2430	64.23%	3.83
2440	66.65%	3.79
2450	63.12%	3.78
2460	63.90%	3.56
2470	64.25%	3.81
2480	64.61%	3.77
2490	63.76%	3.72
2500	62.32%	3.82

2D Radiation Pattern

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H

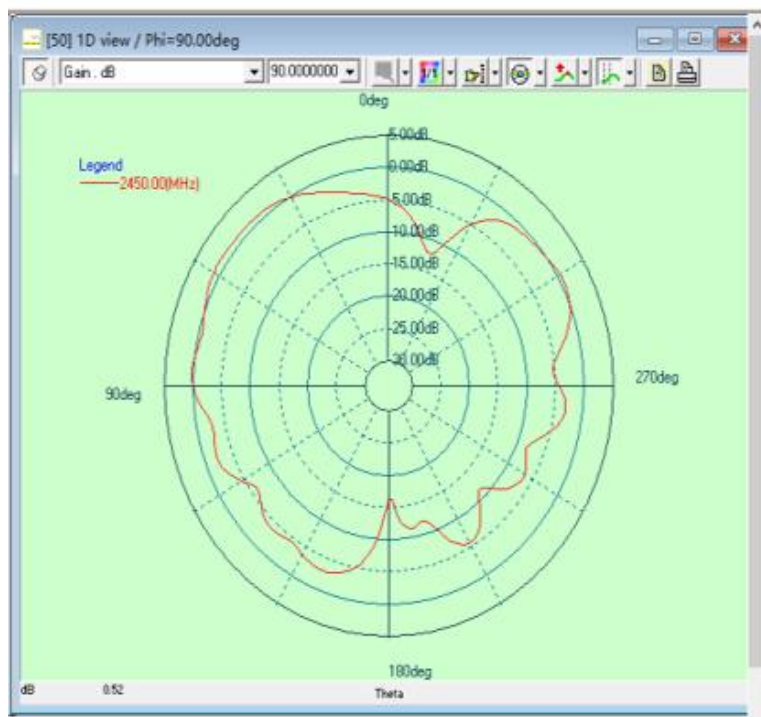
E1



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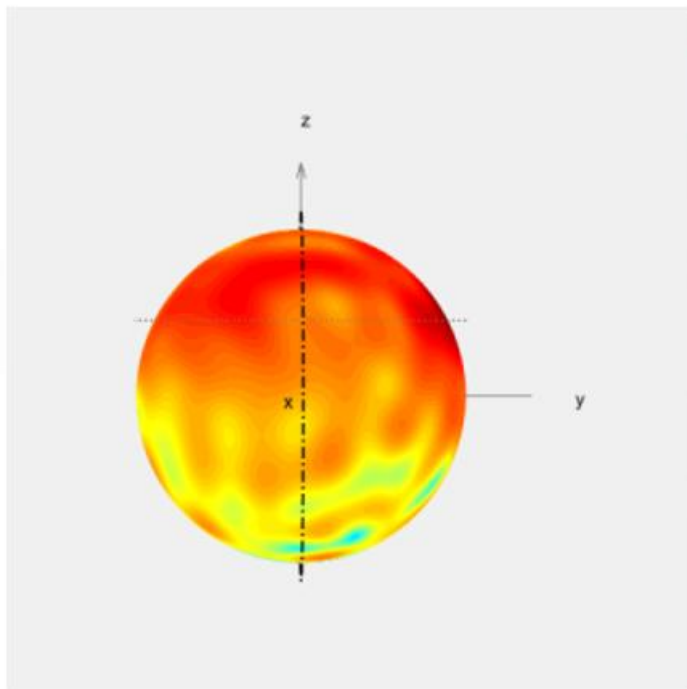
E2

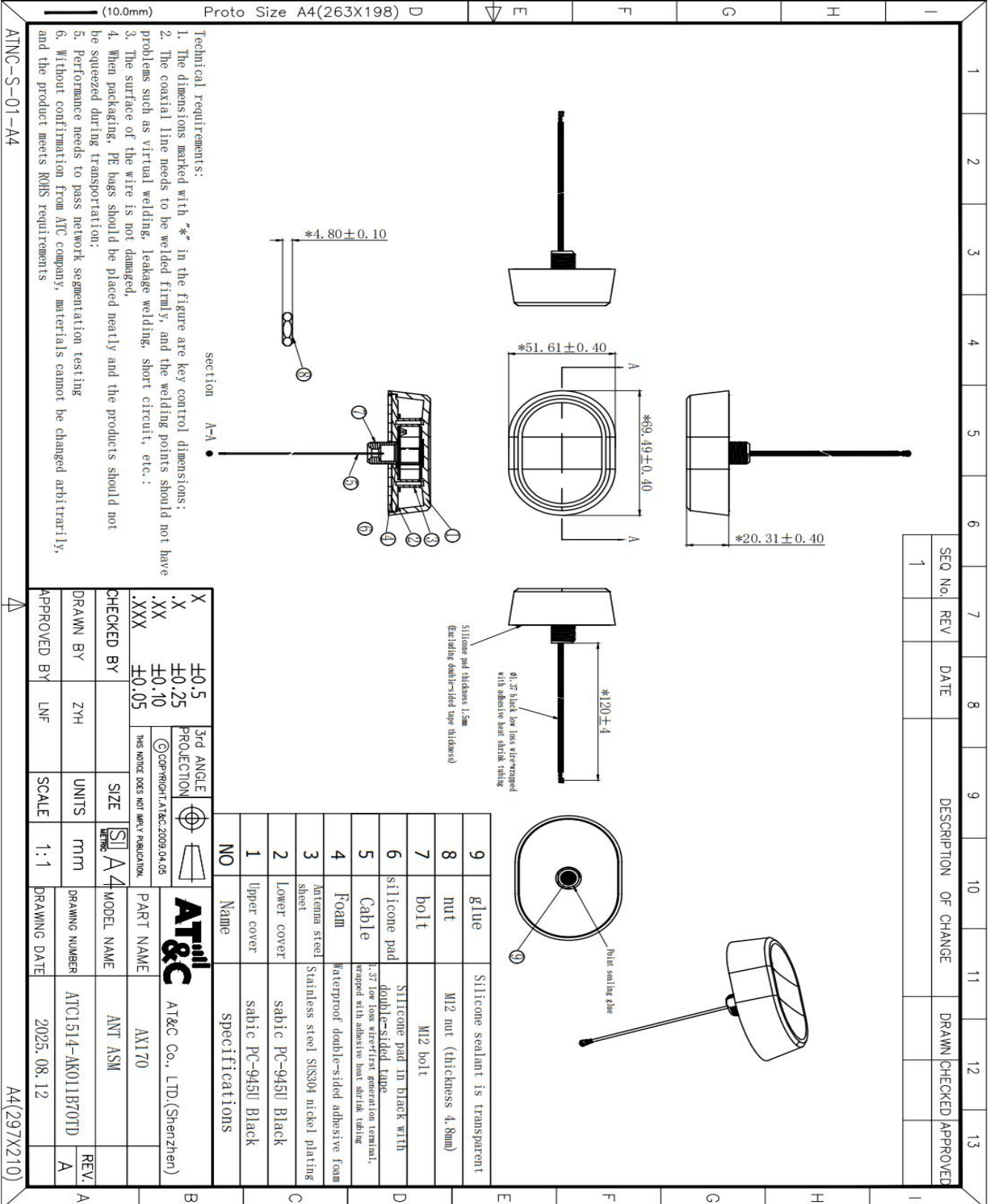


3D Radiation Pattern

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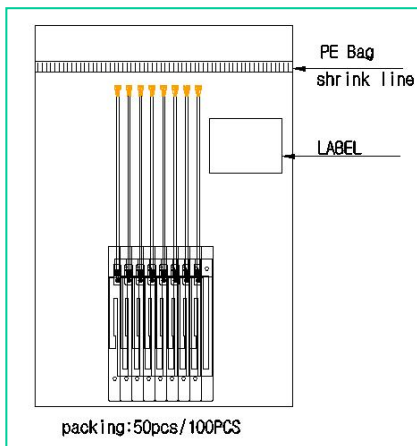
2450MHz





Packaging method

PE bag packaging, product emission neat, uniform quantity



PART LIST

*The packaging diagram is a schematic diagram and does not represent the actual product

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