

SPECIFICATION FOR APPROVAL

DESCRIBE: HY Innovations Co., LTD (T8426)

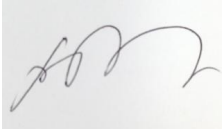
Customer NO:

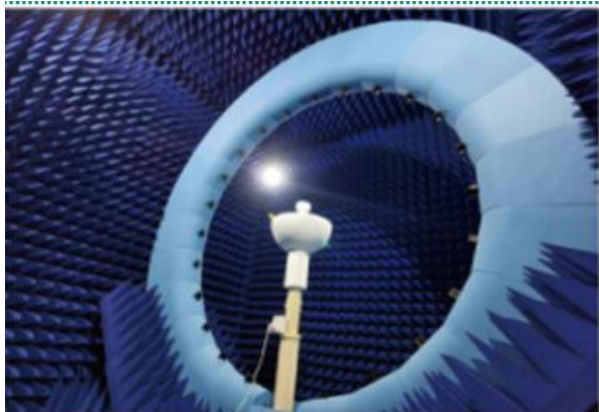
PART NO: ATC1440-HY076B70RA

Antenna type: 2.4G WIFI-Ant (PCB+Cable) Black

DATE: 2024.09.27

PROVIDER: AT&C Technology (Shenzhen) Co., LTD
 201, Building C, Chuangwei Innovation Valley, No.1 Tangtou Road,
 Shiyao 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
		Zi Ye Hui	Yang Guo Chang	Xu Li Ying	



We have RF equipments as below

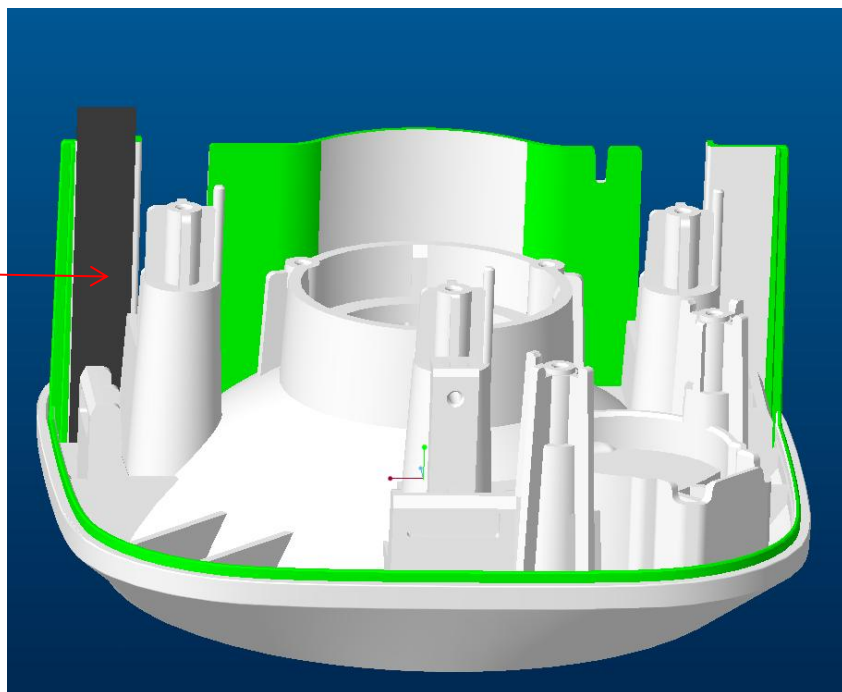
Anechoic Chambe

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

Measurement

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

WIFI ANT



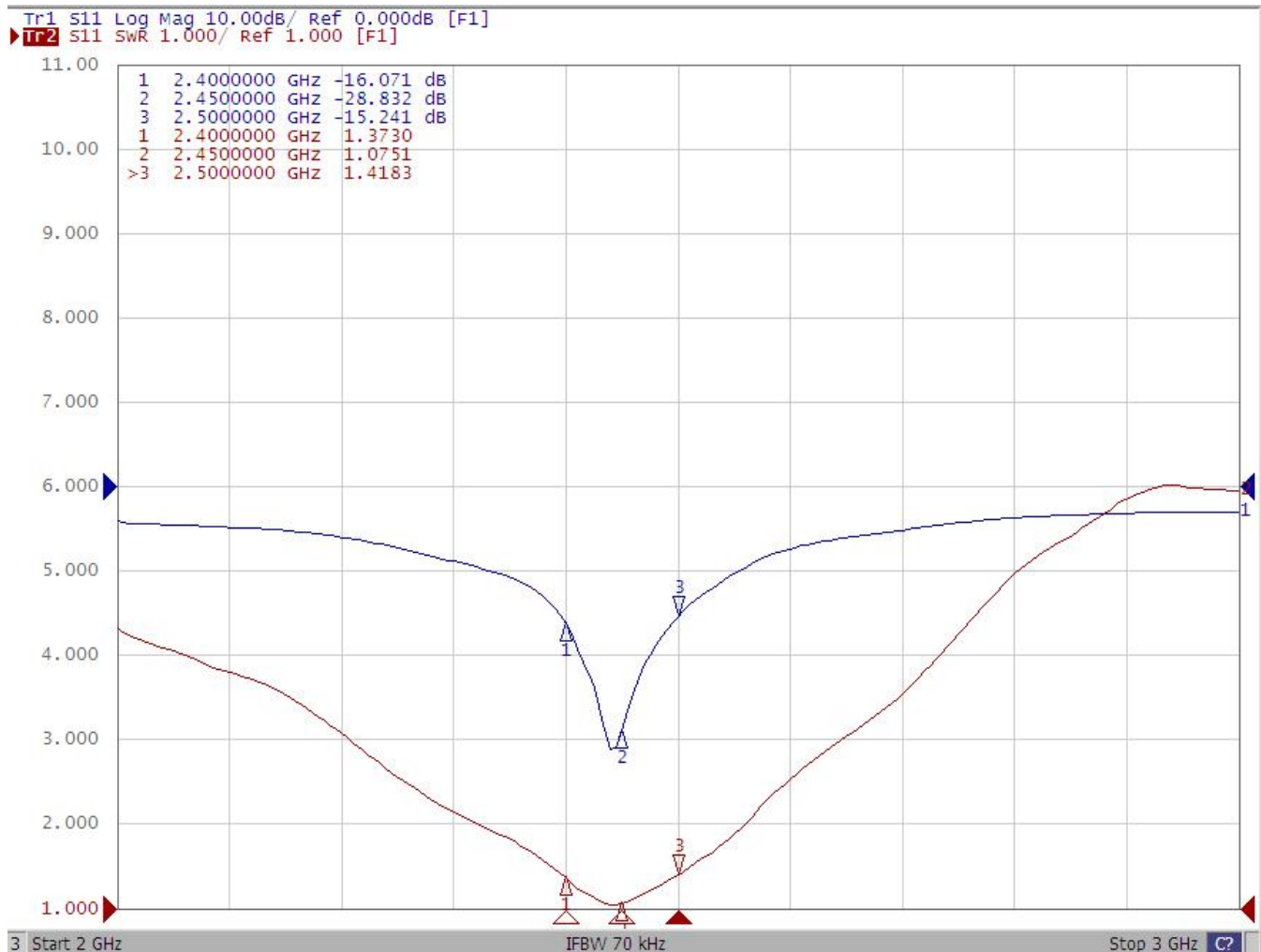


BOM

Customer	HY	Written By	ZYH	Orig. Date	2024.09.26
Part Number	ATC1440-HY076B70RA	Revised By	SHIN	Revised Date	2024.09.26
Description	2.4G WIFI ANT	Approved By	HJ	Approved Date	2024.09.26

Customer number	ATC number	Part name
	ATC1440-HY076B14RA	FR4, T=1.0 Black 47.6*8*1.0mm
	ATC1440-HY076B25RA	RF coaxial line 1.13 with first generation terminal wire length 40mm

Customer	HY	Written By	ZYH	Orig. Date	2024.09.26
Part Number	ATC1440-HY076B70RA	Revised By	SHIN	Revised Date	2024.09.26
Description	2.4G WIFI ANT	Approved By	HJ	Approved Date	2024.09.26





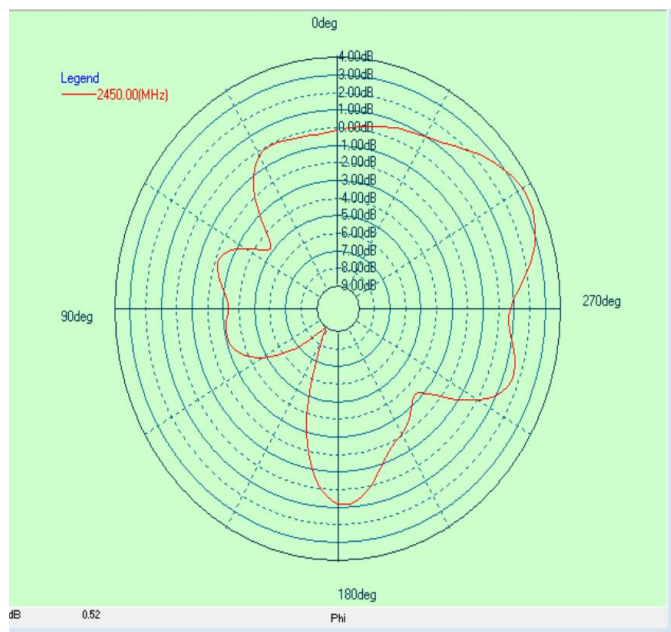
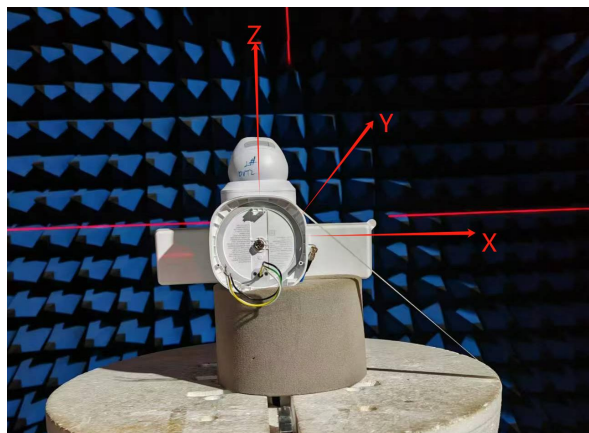
Antenna *Efficiency

Customer	HY	Written By	ZYH	Orig. Date	2024.09.26
Part Number	ATC1440-HY076B70RA	Revised By	SHIN	Revised Date	2024.09.26
Description	2.4G WIFI ANT	Approved By	HJ	Approved Date	2024.09.26

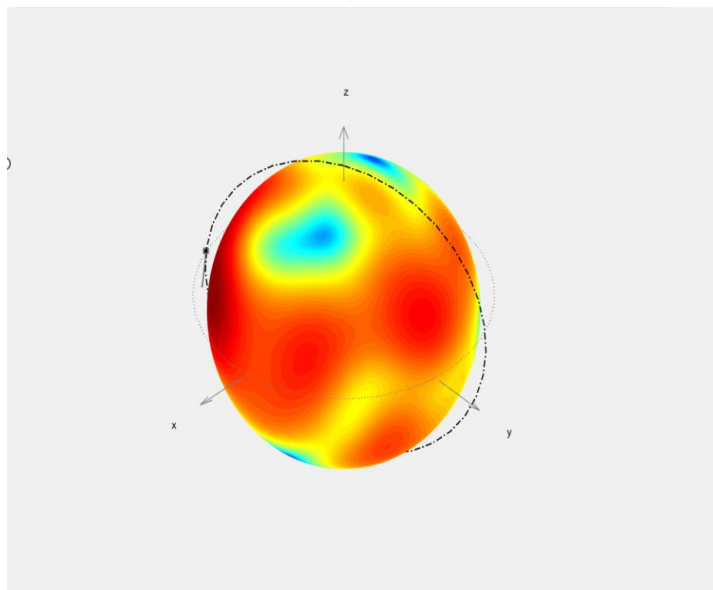
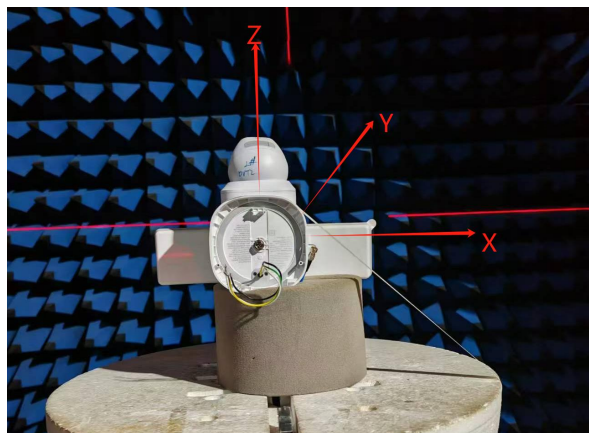
(2.4G) Passive Test Results

Frequency(MHz)	Efficiency(%)	Max Gain(dBi)
2400	71%	3.84
2410	73%	3.94
2420	72%	3.79
2430	70%	3.75
2440	72%	3.57
2450	73%	3.52
2460	73%	3.62
2470	72%	3.85
2480	73%	3.98
2490	72%	3.97
2500	70%	3.88

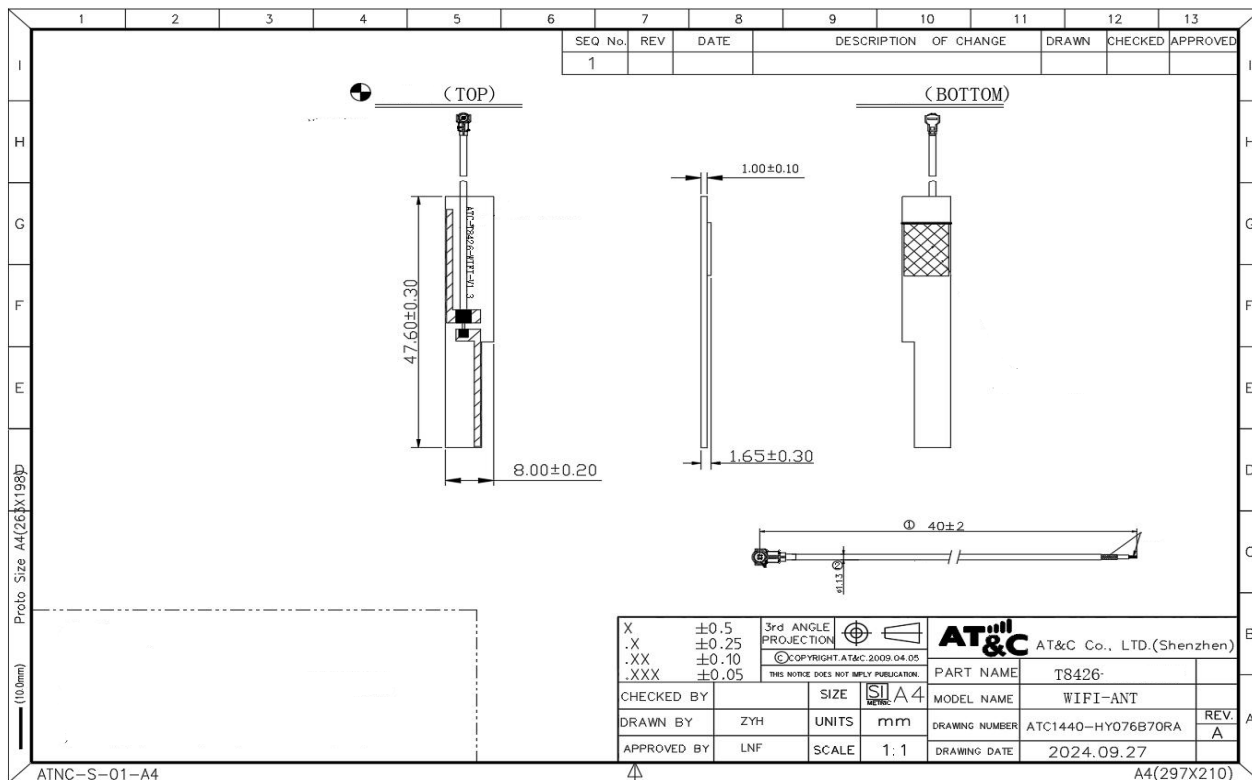
Customer	HY	Written By	ZYH	Orig. Date	2024.09.26
Part Number	ATC1440-HY076B70RA	Revised By	SHIN	Revised Date	2024.09.26
Description	2.4G WIFI ANT	Approved By	HJ	Approved Date	2024.09.26



Customer	HY	Written By	ZYH	Orig. Date	2024.09.26
Part Number	ATC1440-HY076B70RA	Revised By	SHIN	Revised Date	2024.09.26
Description	2.4G WIFI ANT	Approved By	HJ	Approved Date	2024.09.26



Customer	HY	Written By	ZYH	Orig. Date	2024.09.26
Part Number	ATC1440-HY076B70RA	Revised By	SHIN	Revised Date	2024.09.26
Description	2.4G WIFI ANT	Approved By	HJ	Approved Date	2024.09.26



Size information					Measuring sample			% Tolerance		Handling opinions			
num ber	Dime nsion prop erty	Dimen sion	Lower tol erance	Upper t oleranc e	1	2	3	Upper	Lower	determi ne	Supplier review c omment s	Custome r review commen ts	Measuring tool
1	key p oint	47.6	-0.30	0.30	47.65	47.71	47.68			PASS			PJ
2	key p oint	8	-0.20	0.20	7.98	8.02	8.01			PASS			PJ
3	key p oint	1.0	-0.1	0.1	1.05	1.03	1.01			PASS			PJ



Salt spray test report

Customer Name	HY (T8426)	Specification and	ATC1440-HY076B70RA
Sample situation	Sample quantity: 3PCS		
	Substrate: PI		Coating: OSP
Test start and end time	48 hours from 10:00 on July 9, 2024 to 10:00 on July 11, 2024		
Test type	☒ NSS	☐ ASS	☐ CASS
Test conditions	Salt solution ratio: 5% ± 1%		PH:6.5~7.2
	Temperature inside the box: 35 ° C		Relative humidity: 85% ± 2%
	Spray mode: ☒ Continuous ☐ Intermittent		Compressed air pressure: 1kg/cm ²
	Spray volume: 1.0 ~ 2.0ML/80CM2/H		Test object placement angle: 30 degrees+/-10 degrees
	Test cycle: __ cycles		Spray time: 48 h Placement time: 2 hours
Judgment criteria	Appearance: intact and undamaged, with no significant changes. Coating: No oxidation, rust, discoloration, or corrosion spots. Screen printing: No shedding or bubbles.		
Test results	Appearance after test: The appearance is intact and undamaged, with no significant changes. Coating: No peeling or rusting Surface spraying and screen printing: no peeling or bubbles.		

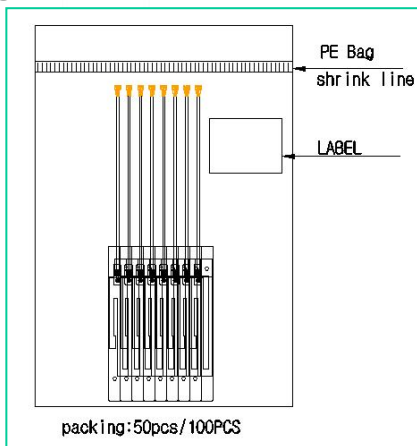
Explanation:

1. The salt spray test operation standard shall be executed in accordance with the national standard GB/T2423.1 7-2008 of the People's Republic of China
2. The criteria for determining test specimen results shall be in accordance with the national standard GB/T6461-02 of the People's Republic of China

Tester: Zhang Luo	Reviewed by: Liang Houbo
-------------------	--------------------------

Packaging method

PE bag packaging, product emission neat, uniform quantity



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