

A letter of recognition

DESCRIBE: Anker Innovations Co., LTD (T8134)

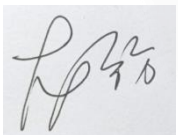
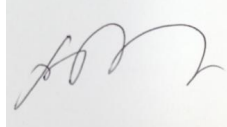
Customer NO: 400102970

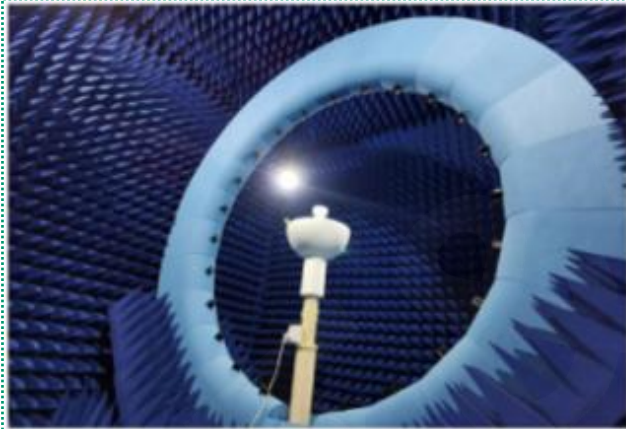
PART NO: ATC1352-HY047B04RA

Antenna type: 2.4G FPC ANT

DATE: 2023. 02. 07

PROVIDER: AT&C TECHNOLOGIES(SHENZHEN) CO. LTD

Customer Admit	confirm	ID Department	Test department	Structure section	Quality department
Supplier Admit	confirm	confirm	Proofreading	To examine	Approval
			zhang wanzhe	Xuliying	



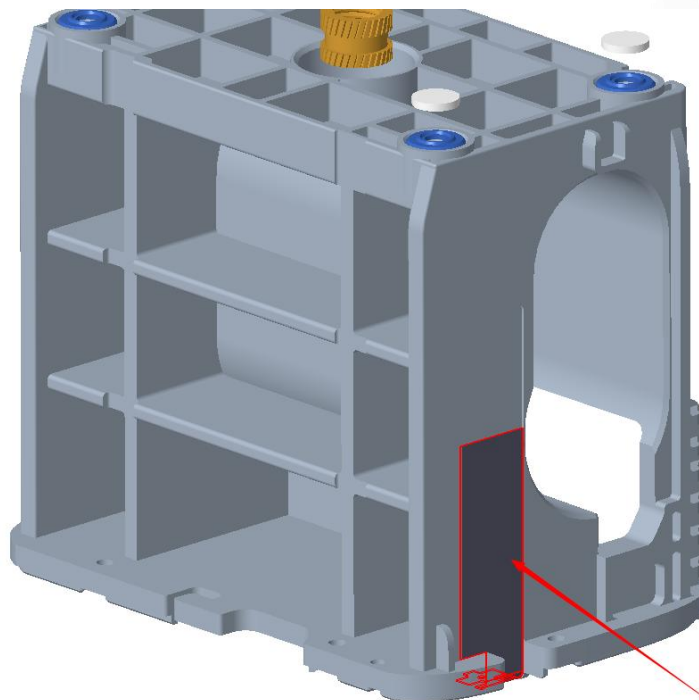
We have RF equipments as below

Anechoic Chamber

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

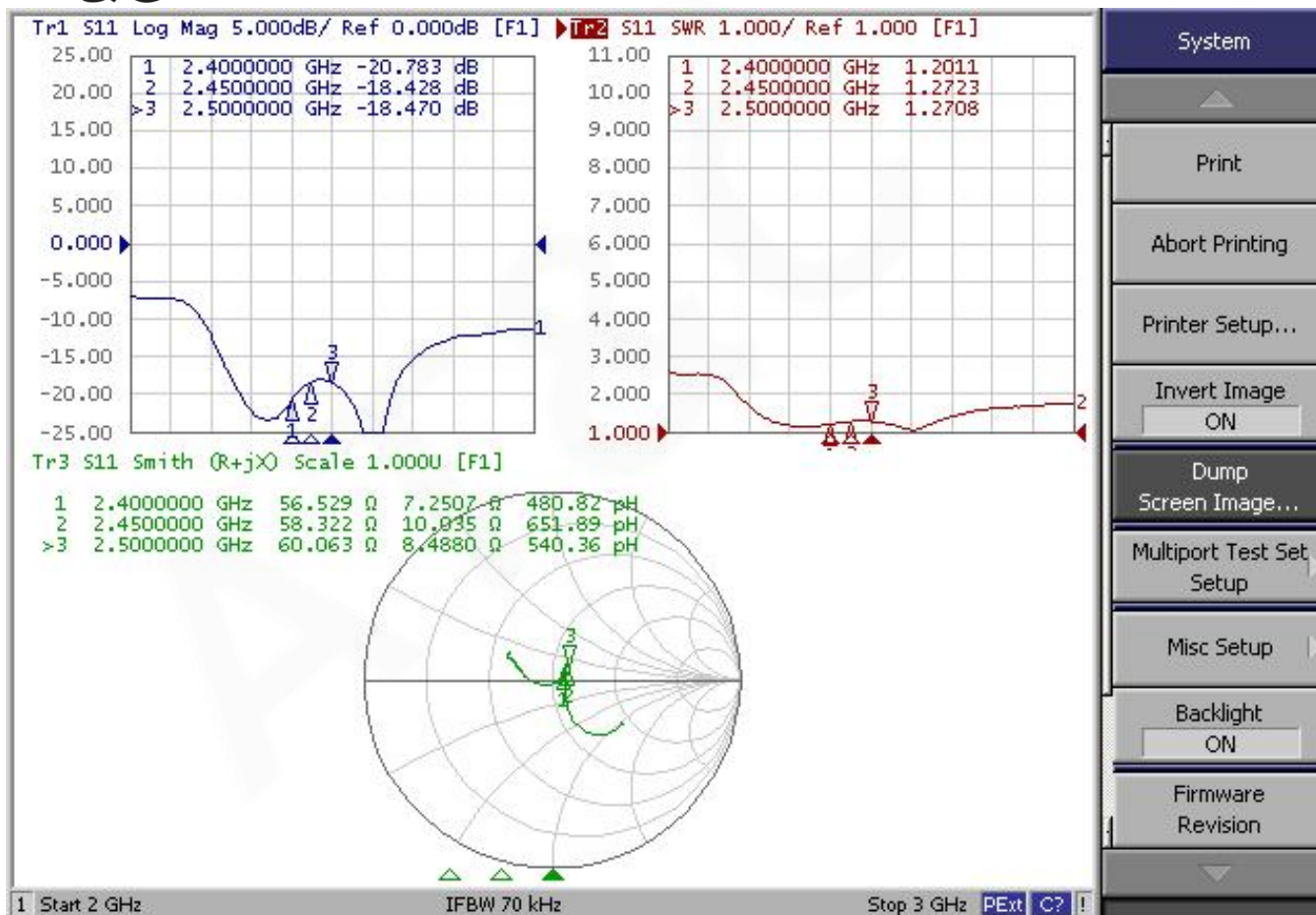
Measurement

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



WIFI-ANT

Antenna S11

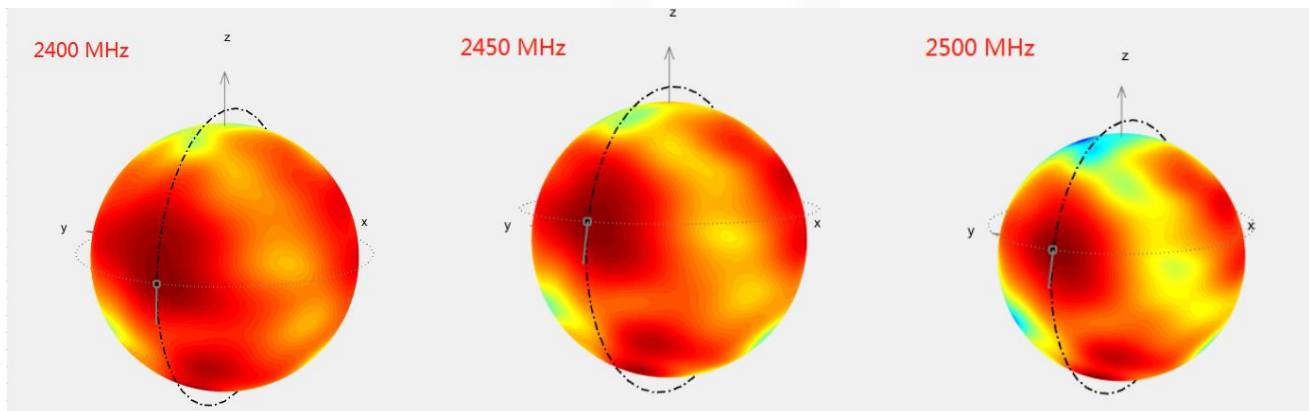


Antenna *Efficiency

Frequency	Efficiency	dBi
2400	67%	2.98
2410	67%	2.96
2420	66%	2.96
2430	65%	3.06
2440	66%	3.12
2450	66%	2.94
2460	63%	2.55
2470	64%	2.56
2480	67%	2.84
2490	69%	3.03
2500	67%	2.77

Channels	TRP	TIS
2.412 GHz	18.8	-82.42
2.437 GHz	18.87	-82.41
2.462 GHz	19.06	-82.71

Narem na 3D



1	2	3	4	5	6	7	8	9	10	11	12	13
						REV. No.	REV	DATE	DESCRIPTION OF CHANGE	DRAWN	CHECKED	APPROVED
						1						

NOTES:

- 一般公差: ± 0.16
- 产品表面: 黑色喷油处理, 表面在焊接前可涂, 如位置显示, 单PCB包装出货
- 常用材料: 4047 LSR, 基材材料: PI, 基材厚度: 0.5mm, 电绝缘厚度: 0.6mm
- 加粗 () 标注部分按尺寸加工
- 测量尺寸时需在背面贴平后进行测量
- 镀金 Type 及 Spec, 厚度: 电版方式 / AO (镀金: 0.01"±0.005 厚度: 2-4um)
- 正面, 背面, 外漏不可有气泡及异物, 丝印400 OK
- 原材料需符合ROHS要求

X	±0.5	3rd ANGLE	PROJECTION		
.X	±0.25				
.XX	±0.10				
.XXX	±0.05				

ATNC-S-01-A4

A4(297X210)

Size information					Measuring sample			% Tolerance		Handling opinions			
num ber	Dime nsion prop erty	Dimen sion	Lower to lerance	Upper t oleranc e	1	2	3	Upper	Lower	determi ne	Supplier r eview co mments	Custo mer re view co mme nts	Measuring tool
1	key p oint	9.07	-0.15	0.15	9.03	9.05	9.00			PASS			PJ
2	key p oint	30.0	-0.20	0.20	30.06	30.5	30.09			PASS			PJ
3	key p oint	4.30	-0.1	0.1	4.35	4.33	4.26			PASS			PJ

Salt spray test report

Item name	FPC ANT	Item type	ATC-1356	models	T8140R
The experimental class	Salt spray test	Number of items	5 pcs	The researchers	Zhangxuemei
The experiment	Sample reliability verification				
Experimental conditions	Brine concentration for 5 plus or minus 1%, salt water barrels and the temperature of the laboratory to 35 + 2 °C, saturated air barrel temperature to 47 + 2 °C, PH: 6.5-7.5 KGF/cm2, spray quantity: 1-2 ml / 1 hr / 80 cm2, test time 48 h.				
	Specific reference GBT 10125-1997 standard				
Note:					
The experiment on	《Inspection standard for plated parts》				
The equipment used:	Salt spray test chamber				
The experiment	 				
After the experiment					
The experimental conclusion:	After the test, clean water was rinsed and the surface of the shrapnel was not oxidized, discolored or blackened for 2H;				
Tester/date: ren kangyong 2022-12-14			Audit: Pengguangliang		

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