

# ANWEI communication Equipment Co.,Ltd

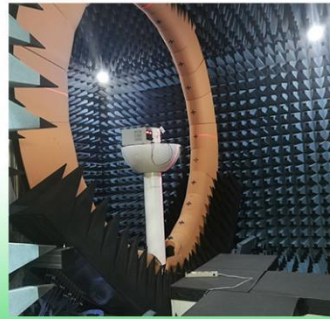
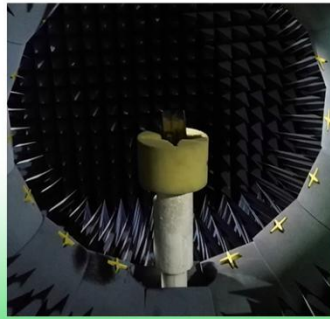
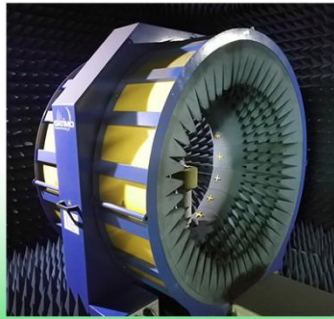
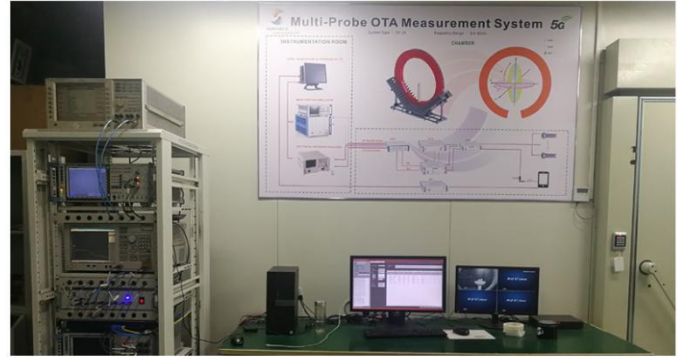
## APPROVAL SHEET

Customer	Maoren	Specs	A8
Part Number	AW006-A8-021-A0	Frequency Band	2.4G/5G WiFi
Color	Black	Edition	REV:A0
Salesperson	Xiexiaoqing	Design	Huanghe
Structure	QIN YUN LIN	Confirm	
Date	2024/10/17	Signing Date	

Customer confirmation:

ANT Manufacturers: ANWEI communication Equipment Co.,Ltd  
Address:2nd Floor, East Block, Building 5, Yifenghua Innovation Industrial Park, Huaning Road, Dalang Street, Longhua District, Shenzhen City, Guangdong Province

## Project development environment



安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的的产品以及技术服务！

“质量第一，服务至上”是安威一直以来的发展宗旨

(WIFI antenna) + (2.4G/5G WIFI antenna)

1. Material: A pair of semi-electrolytic copper substrates, using environmentally friendly manufacturing process, in line with ROHS requirements.

2. Gold plating: Ni:1-2um AU:min0.5u\* Ink: Halogen-free ink.

3. Duct tape: 3M9471.

4. With\*\*dimensions as the key dimensions.

5. The surface has no defects such as crushing, scratches, oil stains, spots, etc.

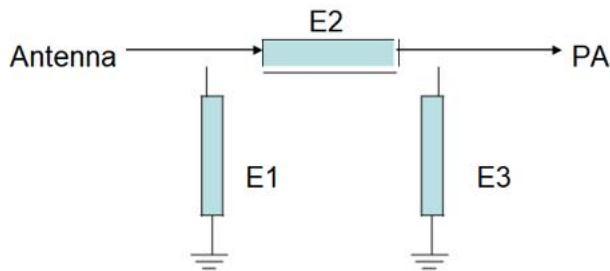
6. The drawing size is used to check the appearance, function and assembly.

7. This graphic file is an internally controlled document, and it is strictly prohibited to spread in any form without our permission.

Shenzhen Anwei Wireless Technology Co., Ltd.			
unit: MM	Model: AS	date: 2024-03-04	
General tolerance:		Part No: AW006-AS-021-A0	M D: QYL
I	±0.5	Material: FPC	R F: HH
.I	±0.25	Surface treatment: clean	
.XX	±0.10	Color: matt black	proportion: 1:1
.XXX	±0.05	version: A1	
ANGULAR	≤ ± 0.5°		

(Working frequency band of 2.4G/5GWIFI antenna) : 2400~2500/5100~5800

(Matcheing network)

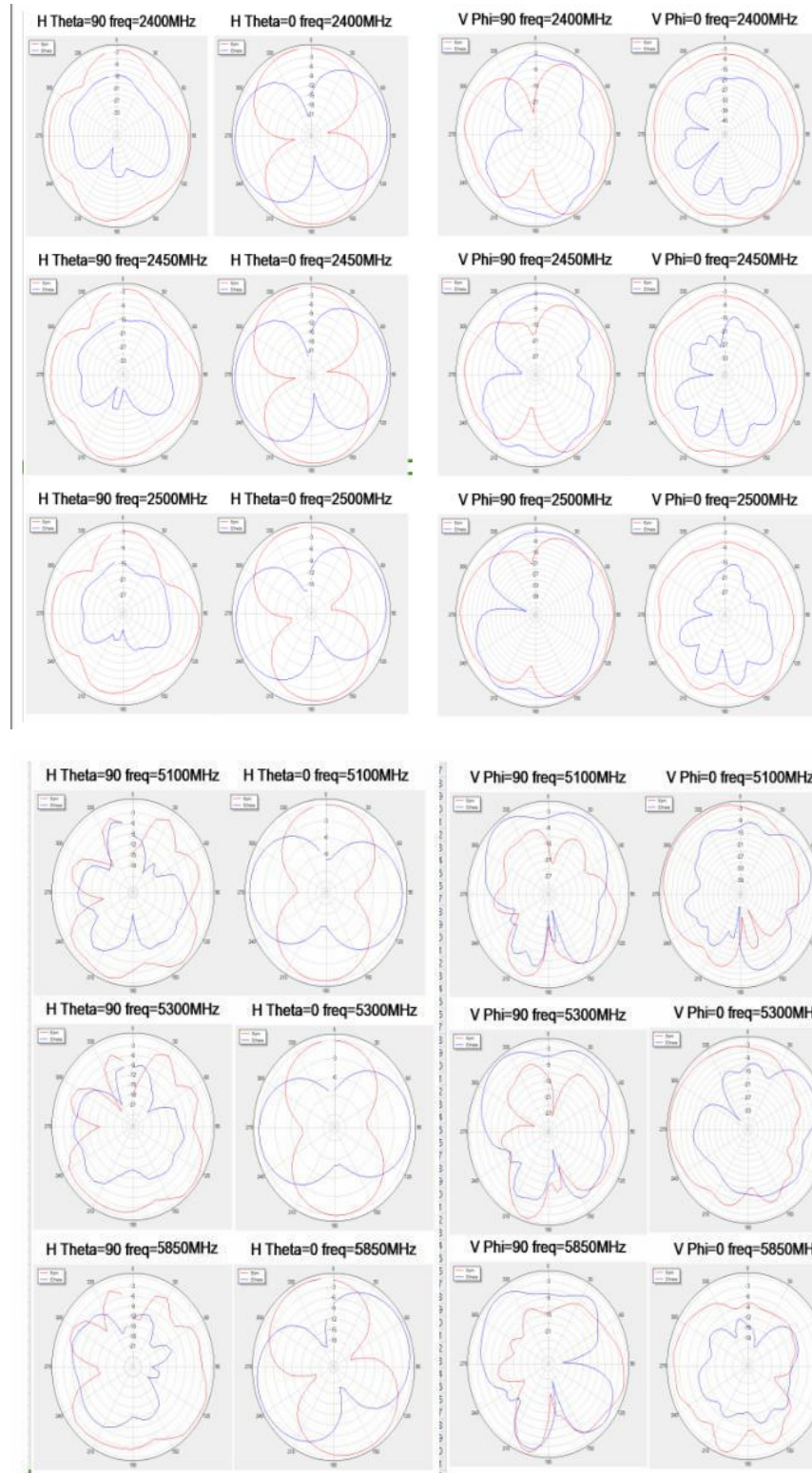


Element	Value
E1	NC
E2	0 Ω
E3	NC

**(Antenna Gain&Efficiency )**

Gain&Efficiency 增益和效率			
frequency 频率 (MHz)	gain 增益 (dBi)	efficiency 效率 (dBi)	efficiency 效率 (%)
2400	2.85	-2.01	52.90
2450	2.32	-2.23	51.79
2500	3.33	-2.13	51.25
5100	0.8	-3.28	47.01
5200	0.88	-3.28	47.04
5300	0.85	-2.95	50.66
5400	2.19	-2.98	50.33
5500	2.27	-2.61	54.78
5600	4.11	-2.12	55.32
5700	3.27	-2.66	54.14
5850	4.28	-2.63	54.60

## WIFI antenna PolarGraphs



### WIFI antenna 3D\_Graphs(Total)

