



Integral Antenna

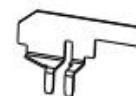
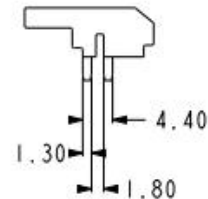
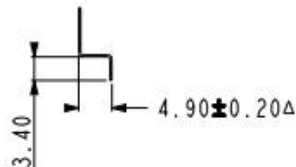
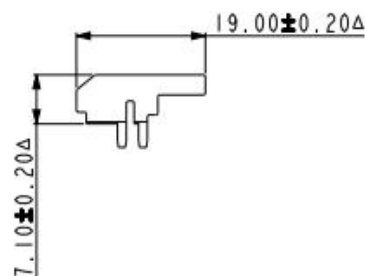
Part Description	Manufacturer Kunshan Yunzhihong Electronic Technology Co. LTD.		Description:	CM0330-W01-10		
	Manufacturer Address:No.399, Jujin Road, Zhangpu Town, Kunshan City, Jiangsu Province					
	Product Name: IPCO72_ACC1,Wifi Antenna		Project:	IPCO72		
	Antenna type: stamping steel antenna_PIFA					
	Part No.: 5022AA013620					
	Attachments:	☒ Specification	☒ Drawing	☒ Sample	☒ RoHS Report	
	☒	☒	☒	☒		
	☐ CPK Report	☐ FAI Report	☐ Reliability Report	☐ RoHS Questionnaire		
	☒ QC Flow Chart	☐ Material Verification Sheet	☒ Packing Content	☐ Safety Report		
	* ROHS					
Vendor	Design		Check	Approval:		
Technology Check	Mechanical	Hardware		ID	Sourcing	
	Software	Keypart		Engineering	SQE	
	Project Manager	Product Manager		Customer		
Final Check	Quality Planning		Rohs Status	☒ RoHS ☐ Non-RoHS		
Approval condition Approval condition	☐ Approved		☐ Reject			
	☐ Conditional Approved	Conditions:				
	☐ Temporary Approved	Limited_____Pcs for purchasing				
Approval by	RD Leader （Technology Director ）			Quality Director		
	* Audit by Technology Director or Qunality director on the conditions of special approval					
Distribute	☐ IQC	☐ hardware	☐ ME	☐ Software	☐ Components	☐ ID
	☐ Vendor	☐ Customer	☐ outsourcing	☐ Engineering	☐ SQE	☐ Others _____



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REV	DESCRIPTION	DRAWN	DATE
A0	First edition release	Hwg	2024-4-16



scale 1:1

Technical requirements:

1. The geometric dimensions are not indicated with reference to the three-dimensional mathematical model;
2. Material: SUS304, 3/4H, T=0.3mm, plated with solderable nickel.
3. The product surface must be free of: oil stains, scratches, deformation, bending and other bad appearance;
4. The maximum allowable burr height is 10% of the material thickness.
5. The "j÷" dimension is the key dimension, and the "※" dimension is the SPC dimension (CPK ≥ 1.33);
6. Any modification of materials must be approved in writing by the customer's engineering department;
7. The product meets RoHS requirements.

Unmarked tolerances (MM)			Part Name	XMI-IPC072-ACC1, stamping steel antenna	Drawing No. /Part No.	CM0330-W01-10			Drawing Rev A0
Size range	Tolerances								
>	≤		Spec.	SUS304, 3/4H, T=0.3mm	Customer P/N:	5022AA013620			
0.00	3.00	±0.10	Drawn	Hwg	1 st Projection	Scale	Unit	/ 1	
3.00	6.00	±0.10							
6.00	30.00	±0.20	E.E.			1:1	mm	Frame Size A4	
30.00	120.00	±0.30							
120.00	400.00	±0.50	APPROVED						
400.00	~	±0.80							
Unmarked angle					Hushan Yuzhihong Electronics and Technology Co., Ltd.				

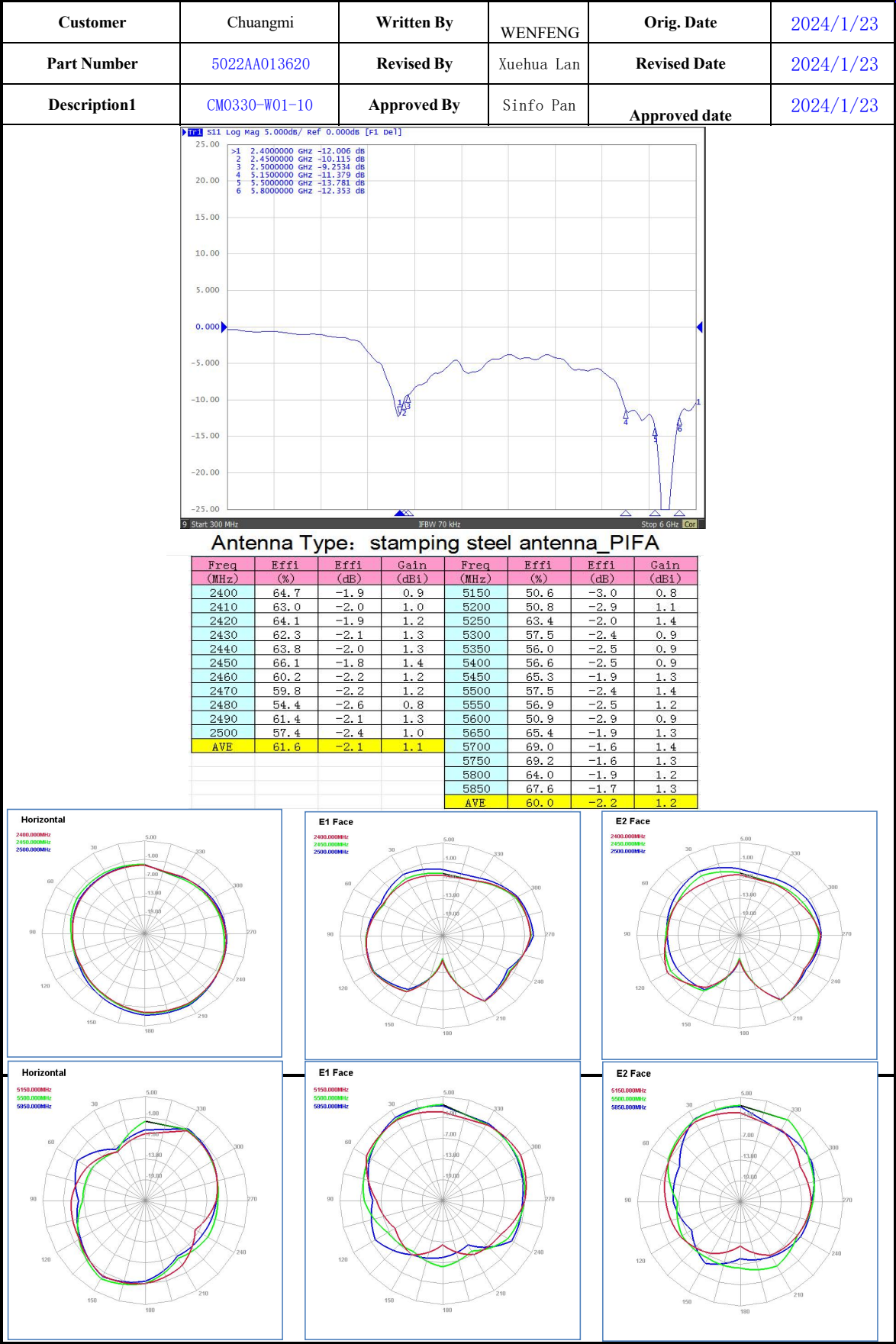
Full Dimensions Report

[illegible]

Reliability test report

Customer	Chuangmi	Written By	WENFENG	Orig. Date	2024/1/16
Part Number	5022AA013620	Revised By	lanxuehua	Revised Date	2024/1/16
Description1	CM0330-W01-10	Approved By	panxinpu	Approved Date	2024/1/16
Test date: 2024/4/16			The experimental code: 20240416001		
The experimental method: Salt spray test			The experimental standard: Box test		
sample	The name of the	CM0330-W01-10	The thickness of the coating	NI	AU
	The material	SUS304		2~8um	
	Appearance before experiment	ok	Quantity	5 PCS	
Experimental conditions	The experimental time: 20024/4/16, 15:00 ~20024/4/18, 15:00				
	Spray time: 48 hours		Moisturizing time: 48 hours		
	Laboratory temperature: 35℃±2℃		Pressure drum temperature: 46℃±2℃		
	Laboratory relative humidity: 65%—75 %		Atmospheric pressure: 101-02KPA		
	NACL concentration: 5%±0.5%		PH: 6.5-7.2 (neutral)		
The experiment described	Post-experiment appearance	Appearance normal, no obvious corrosion phenomenon			
	Appearance after removal of corrosion products	Appearance of the normal			
The experimental results	OK				
note					
Approved by the :maruiguo audit:sunny Testing persone: tangyinglong					

Antenna Performance Report



Antenna Test Configuration

Customer	Chuangmi	Written By	WENFENG	Orig. Date	2024/1/23
Part Number	5022AA013620	Revised By	Xuehua Lan	Revised Date	2024/1/23
Description1	CM0330-W01-10	Approved By	Sinfo Pan	Approved date	2024/1/23

OTA Test System			
No.	Name	Model	Manufacturer
1	RF shielded Anechoic Chamber	4*3*3	Guangping
2	RF switch box		Guangping
3	ENA	E5071C	Keysight
4	Radio Communication Analyzer	CMW500	R&S

