

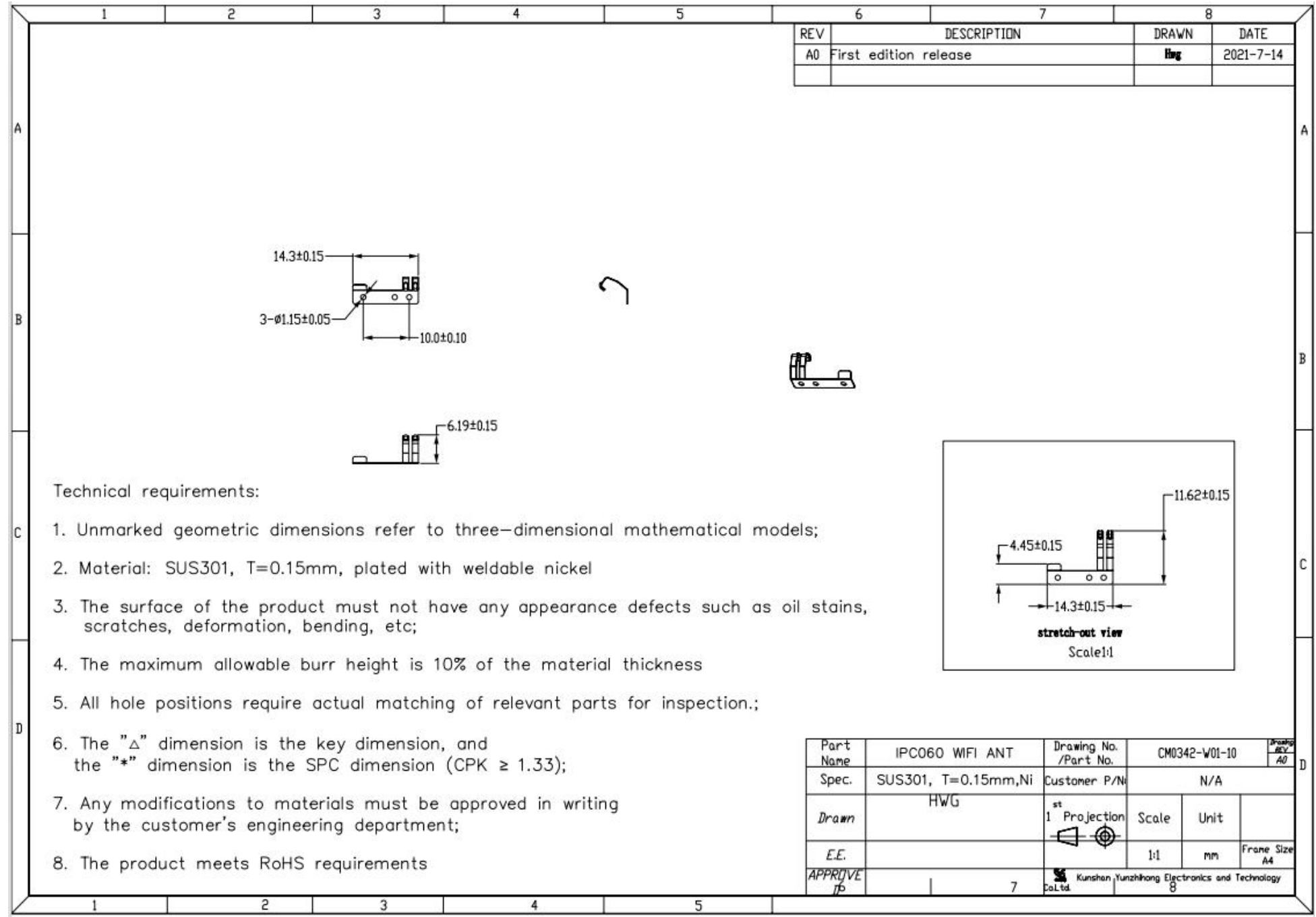
Shanghai Chuangmi Technology Co., Ltd.

Antenna specification sheet

Part Description	Manufacturer: Kunshan Yunzhihong Electronic Technology Co. LTD.		Description:	Steel sheet
	Product Name: IMI_IPC060_WiFi antenna		Project:	IPC060
	Part No.:			
Attachments:	<input checked="" type="checkbox"/> Specification	<input checked="" type="checkbox"/> Drawing	<input checked="" type="checkbox"/> Sample	<input checked="" type="checkbox"/> RoHS Report
	<input checked="" type="checkbox"/> CPK Report	<input checked="" type="checkbox"/> FAI Report	<input checked="" type="checkbox"/> Reliability Report	<input checked="" type="checkbox"/> RoHS Questionnaire
	<input checked="" type="checkbox"/> QC Flow Chart	<input type="checkbox"/> Material Verification Sheet	<input checked="" type="checkbox"/> Packing Content	<input type="checkbox"/> 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	<input checked="" type="checkbox"/> RoHS <input type="checkbox"/> Non-RoHS
Approval condition	<input type="checkbox"/> Approved		<input type="checkbox"/> Reject	
Approval condition	<input type="checkbox"/> Conditional Approved	Conditions:		
	<input type="checkbox"/> Temporary Approved	Limited _____ Pcs for purchasing		
Approval by	RD Leader (Technology Director)		Quality Director	
	* Audit by Technology Director or Quality director on the conditions of special approval			
Distribute	<input type="checkbox"/> IQC	<input type="checkbox"/> hardware	<input type="checkbox"/> ME	<input type="checkbox"/> Software
	<input type="checkbox"/> Vendor	<input type="checkbox"/> Customer	<input type="checkbox"/> outsourcing	<input type="checkbox"/> Engineering
			<input type="checkbox"/> Components	<input type="checkbox"/> ID
			<input type="checkbox"/> SQE	<input type="checkbox"/> Others _____

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REV	DESCRIPTION	DRAWN	DATE
A0	First edition release	hwg	2021-7-14

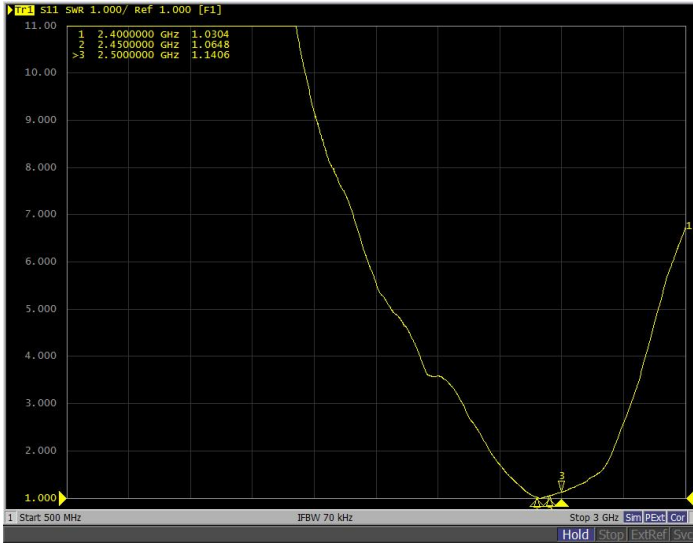
Technical requirements:

1. Unmarked geometric dimensions refer to three-dimensional mathematical models;
2. Material: SUS301, T=0.15mm, plated with weldable nickel
3. The surface of the product must not have any appearance defects such as oil stains, scratches, deformation, bending, etc;
4. The maximum allowable burr height is 10% of the material thickness
5. All hole positions require actual matching of relevant parts for inspection.;
6. The "Δ" dimension is the key dimension, and the "*" dimension is the SPC dimension (CPK ≥ 1.33);
7. Any modifications to materials must be approved in writing by the customer's engineering department;
8. The product meets RoHS requirements

Part Name	IPC060 WIFI ANT	Drawing No. /Part No.	CM0342-W01-10	Drawing REV	A0
Spec.	SUS301, T=0.15mm, Ni	Customer P/N	N/A		
Drawn	HWG	1 st Projection	Scale	Unit	
E.E.			1:1	mm	Frame Size A4
APPROVE	JPB	7	Kunshan Yunzhong Electronics and Technology Co.Ltd. 8		

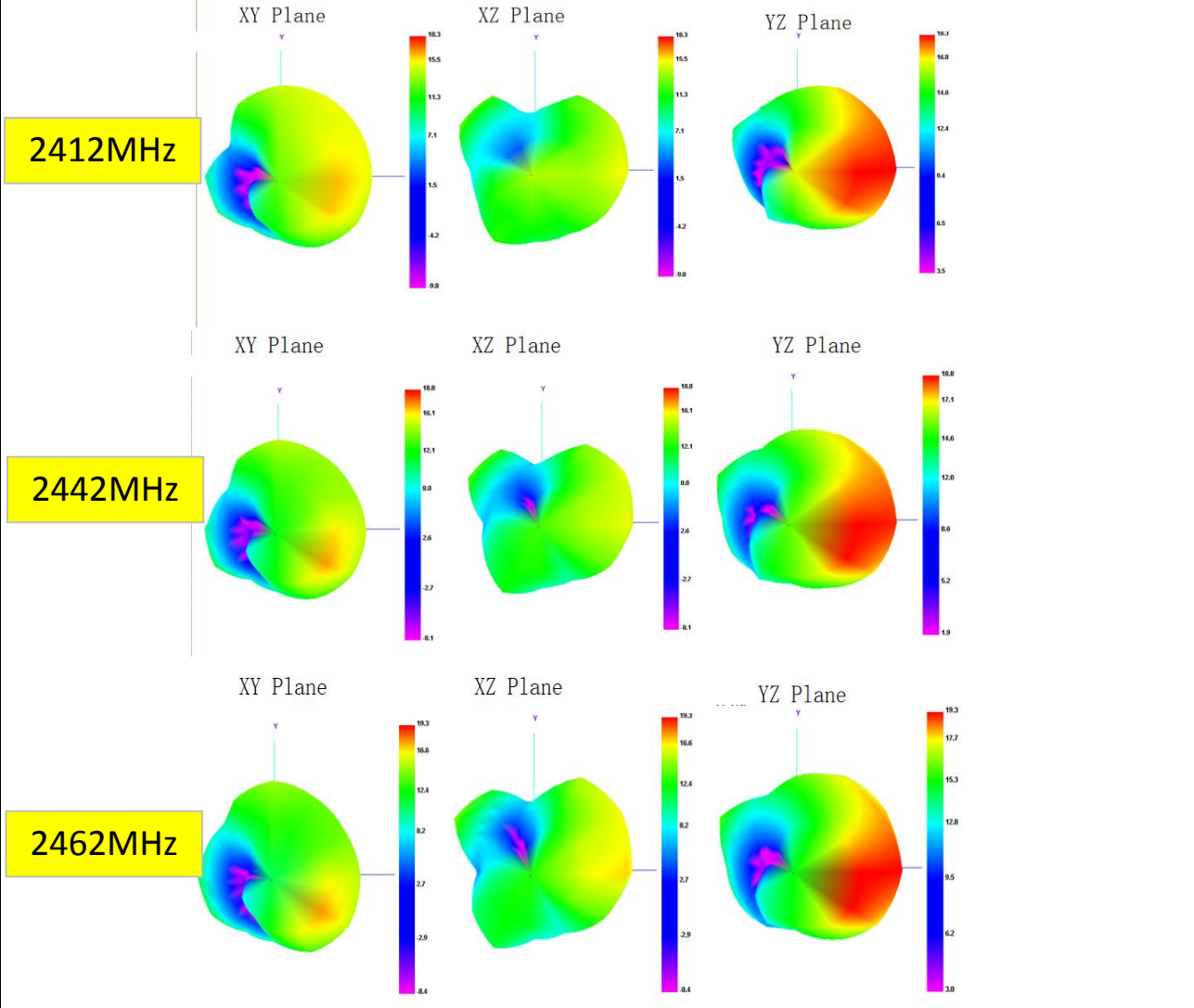
Antenna Performance Report

Customer	Chuangmi	Written By	Lai Weijian	Orig. Date	18-Jan-24
Part Number		Revised By	Liu Shiqiang	Revised Date	18-Jan-24
Description1	CM0342-W01-10	Approved By	Huang Fei	Approved date	18-Jan-24



Antenna Type: IFA

F(MHz)	Eff (%)	Eff (dB)	Gain(dBi)
2400	53.34	-2.73	2.13
2410	53.52	-2.71	2.11
2420	56.87	-2.45	3.42
2430	55.88	-2.53	2.05
2440	56.25	-2.50	2.57
2450	57.87	-2.38	3.43
2460	58.59	-2.32	2.29
2470	56.34	-2.49	2.12
2480	53.23	-2.74	2.25
2490	54.43	-2.64	2.41
2500	55.25	-2.58	3.18
AVE	55.60	-2.55	2.54



Antenna test configuration

Customer	Chuangmi	Written By	Lai Weijian	Orig. Date	18-Jan-24
Part Number		Revised By	Liu Shiqiang	Revised Date	18-Jan-24
Description	CM0342-W01-10	Approved By	Huang Fei	Approved Date	18-Jan-24

OTA Test System

No.	Name	Model	Manufacturer
1	RF shielded <u>Anechoic Chamber</u>	4*3*3	GP
2	RF switch box		GP
3	ENA	E5071C	<u>Keysight</u>

Test Location: No. 399, Jujin Road, Zhangpu Town, Kunshan City, Jiangsu Province

