

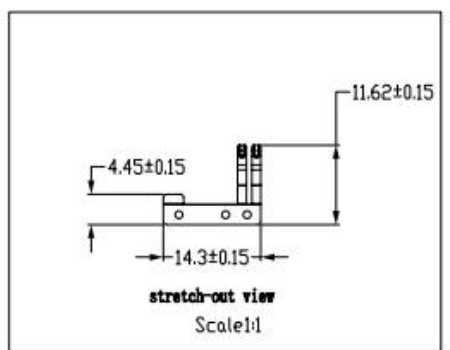
Shanghai Chuangmi Technology Co., Ltd.

Antenna specification sheet

Part Description	Manufacturer Kunshan Yunzhihong Electronic Technology Co. LTD.		Description: Steel sheet	
	Product Name: IMI_IPC060_WiFi antenna		Project: IPC060	
Attachments:	Part No.:			
	☒ 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	☐ Approved ☐ Reject			
Approval condition	☐ 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
	☐ Vendor	☐ Customer	☐ outsoucing	☐ Components
			☐ Engineering	☐ ID
			☐ SQE	☐ Others _____

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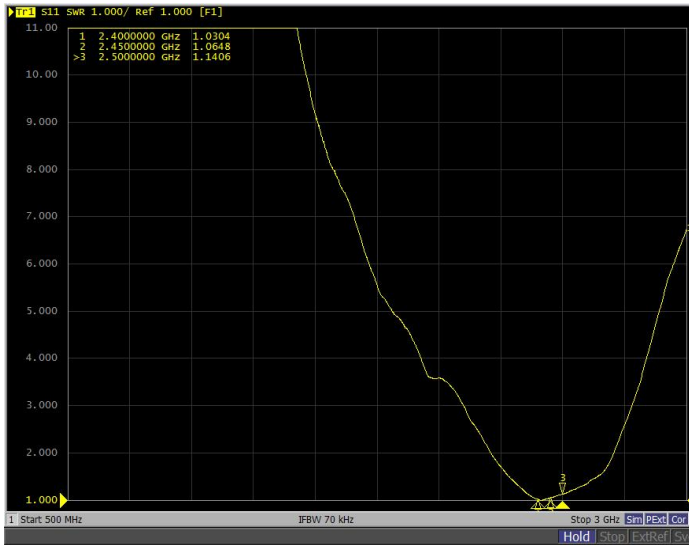
1	2	3	4	5	6	7	8																														
					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">REV</th> <th style="width: 60%;">DESCRIPTION</th> <th style="width: 15%;">DRAWN</th> <th style="width: 15%;">DATE</th> </tr> <tr> <td>A0</td> <td>First edition release</td> <td>HWG</td> <td>2021-7-14</td> </tr> </table>		REV	DESCRIPTION	DRAWN	DATE	A0	First edition release	HWG	2021-7-14																							
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 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																																					
																																					
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Full Dimensions Report

[illegible]

Antenna Performance Report

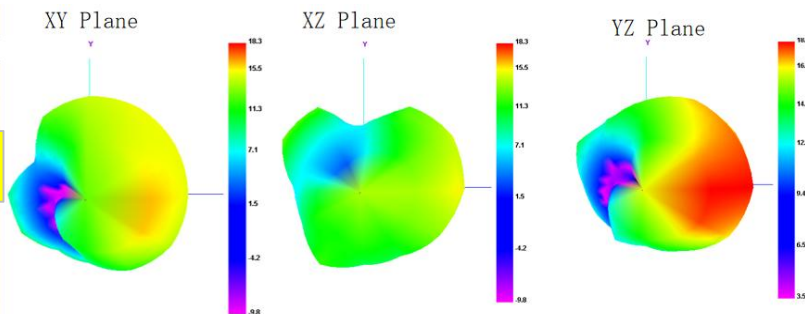
Customer	Chuangmi	Written By	Lai Weijian	Orig. Date	18-Jan-24
Part Number		Revised By	Liu Shiqiang	Revised Date	18-Jan-24
Description1	CM0342-W01-10	Approved By	Huang Fei	Approved date	18-Jan-24



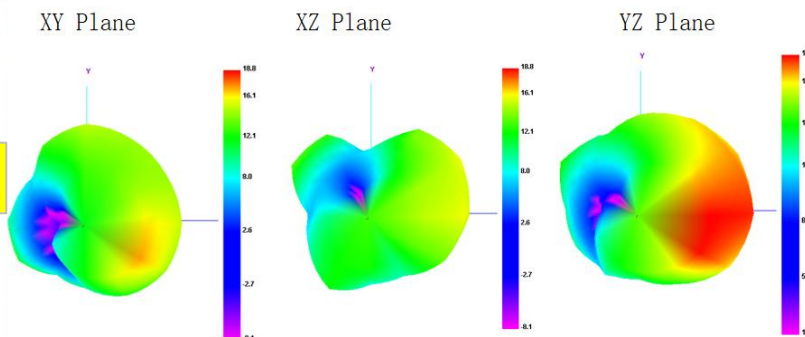
Antenna Type: IFA

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

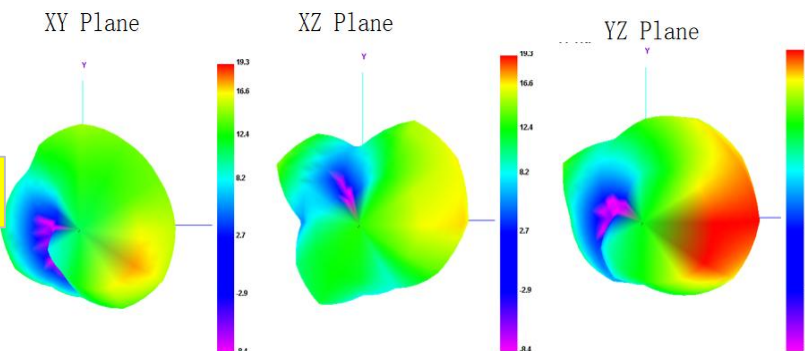
2412MHz



2442MHz



2462MHz



Antenna test configuration

Customer	Chuangmi	Written By	Lai Weijian	Orig. Date	18-Jan-24
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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			

