

Dongguan Xintai Precision Electronics Co., LTD. Letter of acknowledgment

CUSTOMER NAME (customer name)	Shenzhen Jingxun Technology Co., LTD
CUSTOMER P/N (Customer Part Number)	20. 10. 0081
PART NAME (name of material)	IP407-17 _JXC32-09 antenna
MPN (P / N)	AS351703823510
PREPARED BY (undertake)	方国华
CHECKED BY (examine and verify)	Sunlight
APPROVED BY (ratify)	李青和
Commitment: ① Test samples, ② Sealed samples, ③ Mass production supply, ④ All characteristics of the "Raw Material Certificate" are fully consistent, including but not limited to Limited to product performance parameters, structural dimensions, appearance color and screen printing, reliability, material composition, environmental protection, etc.	
Supplier name: Dongguan Xintai Precision Electronics Co., LTD Company address: Xintai Industrial Park, Lunfu Road, Qisha Village, Shatian Town, Dongguan City, Guangdong Province Tel: 0769-88800158, ext. 8008 Fax: 0769-88800258 Contact: Xu Dan E-MAIL: xudan@suntechmfg.com URL: www. suntechmfg. com	



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1. Revision History

Reversion	Revision Page	Change data	Revised by	Reason and content for revision	Remarks
V1.0	--	2025.05.28	Fang Gou Hua		

2. Specification Table

Product main technical parameters

Main technical specifications	
Frequency Range (MHz)	2400~2483.5MHz
Impedance (Ω)	50
Gain (dBi)	-0.79
VSWR	≤ 2
Polarization	Linear
Radiation	Omni-directional
Physical Properties	
Antenan Cover	Stainless Steel 304 With Nickel Plating
Operating Temp	-40℃ ~125℃
Storage Temp	-40℃ ~125℃

		Examine and verify		Fabrication order		Edition	
		Design		Fang Guohua		HW047-17_XJC3349 antenna	
		Date		2025.05.23		P/N AS35170823510	
		Projection :				Dongguan Xintai Precision Electronics Co., LTD DONGLIAN SINTERING PRECISION ELECTRONICS CO.,LTD	
No dimension tolerance		Unspecified angular tolerance					
X.0	+0.15	X.0	+3°				
X.00	+0.10	X.00	+2°				
X.000	+0.05	X.000	+1°				

4. Packaging Specifications

The packaging instructions of our company Dongguan Xintai Precision Electronics Co., Ltd.

packaged antenna are as follows: Internal packaging: PE bag packaging



Packaging quantity per bag: 500 PCS.

Outer packaging: carton packaging



Quantity: 25,000 PCS per box

Small carton packaging,

Adhesive label on the outside of the carton: material number, name, quantity, and production date.

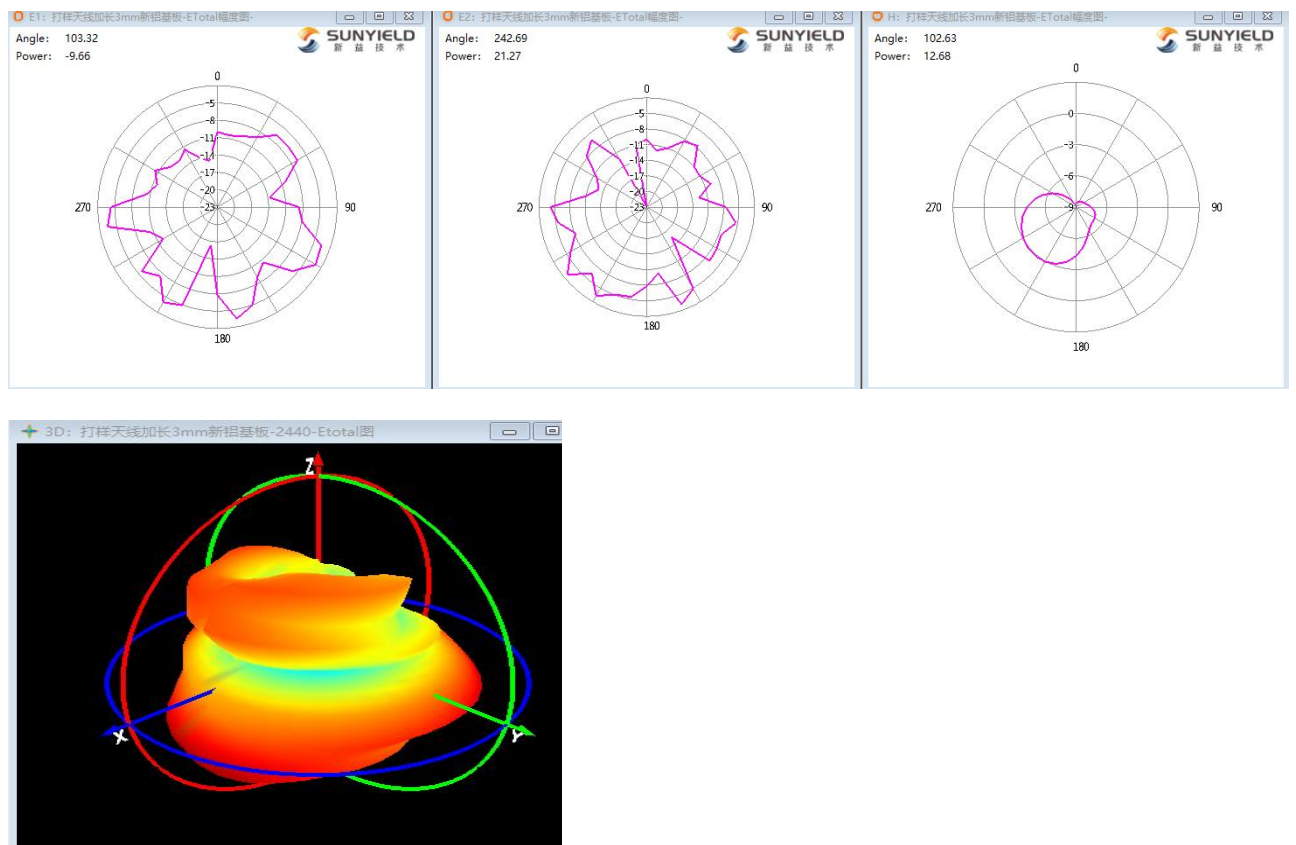
5. Test Report

5.1: S11

Mark1 _2400MHz; Mark2 2450MHz; Mark3 _2483.5MHz



5.2: 2D、3DRadiation Pattern



5.3: Antenna gain and efficiency

f(MHZ)	(dBi)	(dB)	η (%)
2400	-2.65	-7.66	17.12
2410	-2.74	-7.57	17.51
2420	-2.77	-7.43	18.08
2430	-2.72	-7.27	18.76
2440	-2.56	-7.08	19.58
2450	-2.25	-6.83	20.77
2460	-1.85	-6.54	22.18
2470	-1.48	-6.29	23.52
2480	-1.12	-6.05	24.81
2490	-0.79	-5.83	26.15
MAX	-0.79	-5.83	26.15
Min	-2.77	-7.66	17.12

6. Schematic diagram of the entire machine

