

Sample Acknowledgment Letter (Cover Page)

Sample Approval

Supplier Name	Shenzhen Yingjiachuang Electronic Technology Co., Ltd.
Name of material	915 MHz antenna
Material Number	804-0007-00106
Material Specifications	H5043_FPC Antenna_47.6*20*0.4 mm_L70 mm_With 1st-generation RF connector
Material Quantity	1PCS
Materials Version	V1.0
Sample Submission Date	April 05, 2026
Table Approval	Yin Feifei
Sample Attributes/Change Details	First sample submission
SKU/ECN code	H5043

	Structure		ID/PM	RD		Attestation	Quality
Judge	Structure	Optics		Electron	LED	OK	0 (C
	0			0k			
Sign	汪国洪			吴县明		Cow Horn 2	Wang Yuce
Date	226. 5. 12		2	926. 5. 12		2 2625	216. 6. 23

Ju Ziyong

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APPROVAL SHEET

acknowledgement

Customer Name	Shenzhen Qianyan Technology Co., Ltd.	
Customer P/N	804-0007-00106	
PART NAME	2.4G – Black FPC with built-in antenna; 1.13mm black wire (L = 70 mm)	
P/NP / N	YJC-6N070-B158	
APPROVAL REV. Order of the edition	V1.0	
DELIVERY DATE – Sample Submission Date	April 15, 2026	
PREPARED BY – Organized	殷飞杰	
CHECKED BY – Audited	方文锋	
APPROVED	肖汉	
Customer Approved Customer Acknowledgment		
Prepared by – Organized	Reviewed by:	Approved

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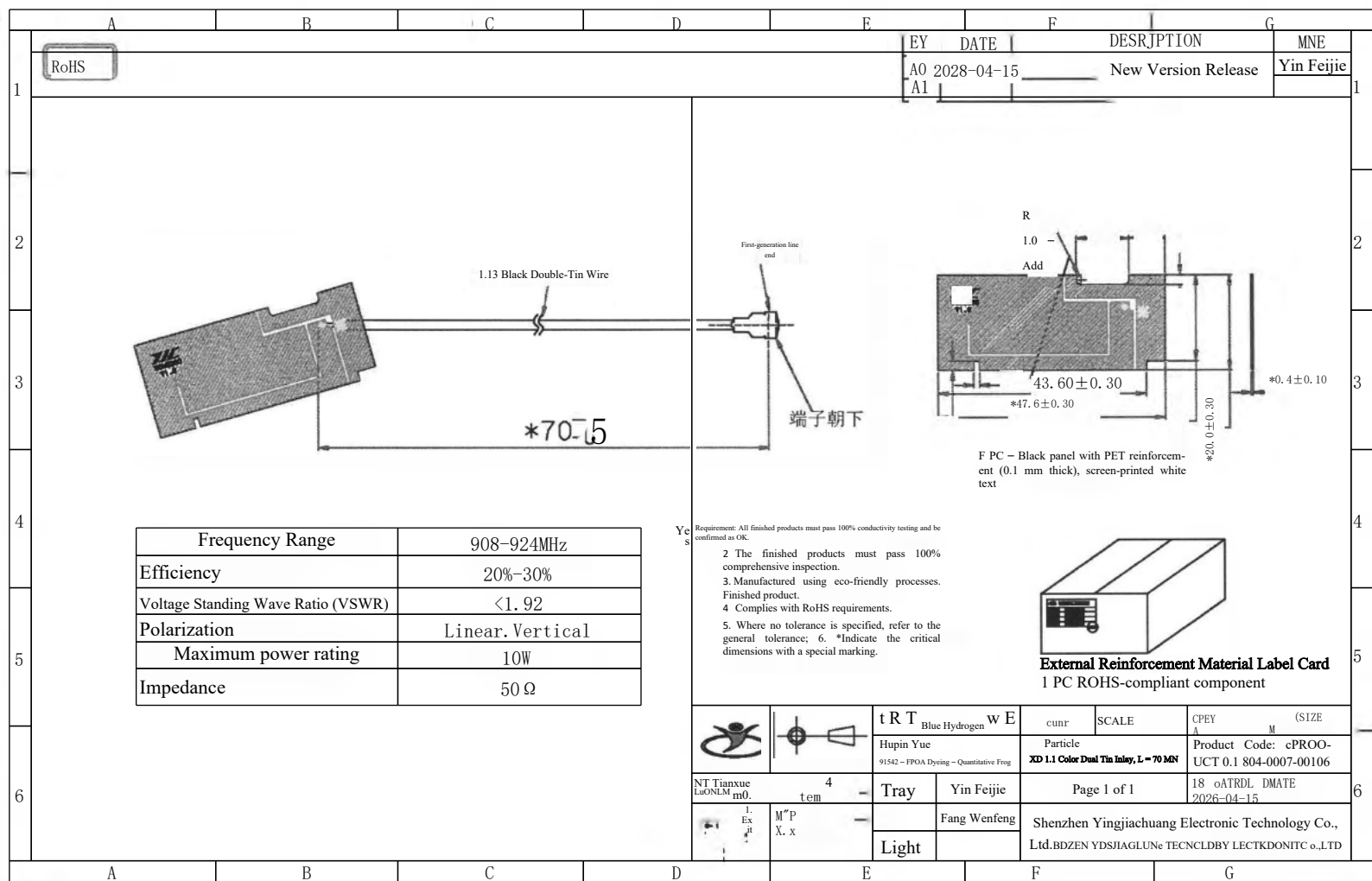


Curriculum VITAC:

Edition	Changes and Reasons for Changes	Date	Release
V1.0	First edition release	April 15,2026	



Antenna Planar Diagram:





Antenna Technical Specifications and Environmental Testing:

Electrical Technical Specifications			
Electrical Performance Metrics		Electrical Specifications	
Frequency range	915MHz	Frequency Range	915MHz
Voltage standing-wave ratio	<1.92	VSWR	<1.92
Input impedance	50 Ω	Input Impedance	50 Ω
Direction	Omnidirectional	Direction	All
Gain	-2.28dBi	Gain	-2.28dBi
Mechanical Parameters		Mechanical Specifications	
Wire color	Black	Wire Color	black
Interface Format	XD	Input connector	XD
Wire length	70MM	Wire Length	70MM
Working temperature	-20°C~+70°C	Working Temperature	-20°C~+70°C
Work environment humidity	20%~80%	Working Humidity	20%~80%

Environmental Performance Test:

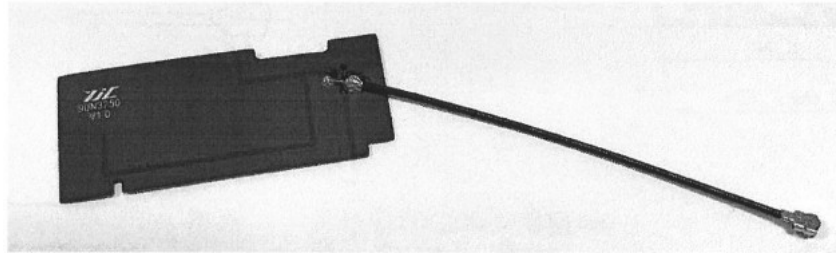
Project	Test condition	Specifications
Storage Environment	When no specific values are specified, the test conditions for temperature, humidity, and air pressure are as follows: 1. Temperature range: -20°C to +70°C 2. Relative humidity: 45%~85% 3. Atmospheric pressure: 86 kPa – 106 kPa	Electrical and mechanical performance is normal.
Low-temperature storage test	Temperature: -30°C $\pm$ 2°C; Storage duration: 48 h	Electrical and mechanical performance is normal.
High-Temperature Storage Test	Temperature: +80°C $\pm$ 2°C; Storage duration: 48 h	Electrical and mechanical performance is normal.
Simulated transportation vibration test	Test speed: 150 RPM; Test duration: 95 minutes;	Electrical and mechanical performance is normal.
Fall-down test	A 1-m object is dropped freely three times along mutually perpendicular axes.	Electrical and mechanical performance is normal.



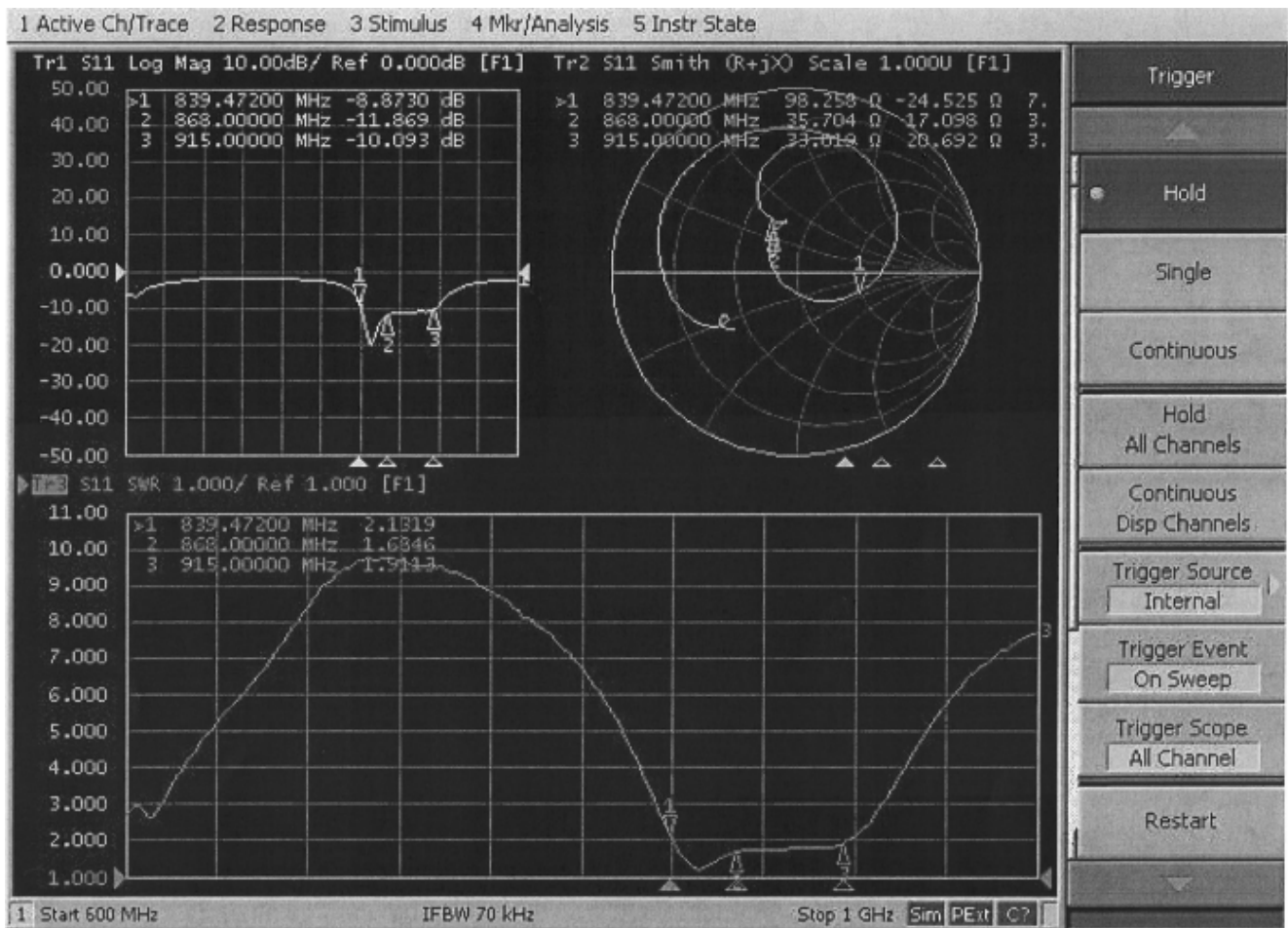
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Antenna Physical Diagram:



Antenna Performance Test Chart:





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3D(915MHz) Test Data:

Frequency (MHz)	Efficiency (%)	Gain. (dBi)
908	29.85	-2.62
916	30.06	-2.28
924	29.24	-1.8

3D916:

