

Acknowledgement Form

Customer name : Shenzhen Bochuanyu Video Technology Co., Ltd.

Customer machine type: DF905Y4 008 (FPC antenna A1.1)

Customer data number:

Specifications Description: Built-in Antenna/5.8G-WiFi/3dBi/50ohm/
34.1*12.9mm/RF1.13mm Black Coaxial Cable Length:160mm
+Stripping wires and tinning them 2-1.5-1mm

Signature and Seal					
Chenxinwei Confirmation			Customer Confirmation		
Sample reparation	Check	Approve	Verification	Check	Approve
Chenxinwei Signature and Seal			Customer's Signature and Seal		
Date	2024-10-14		Date	2024- -	

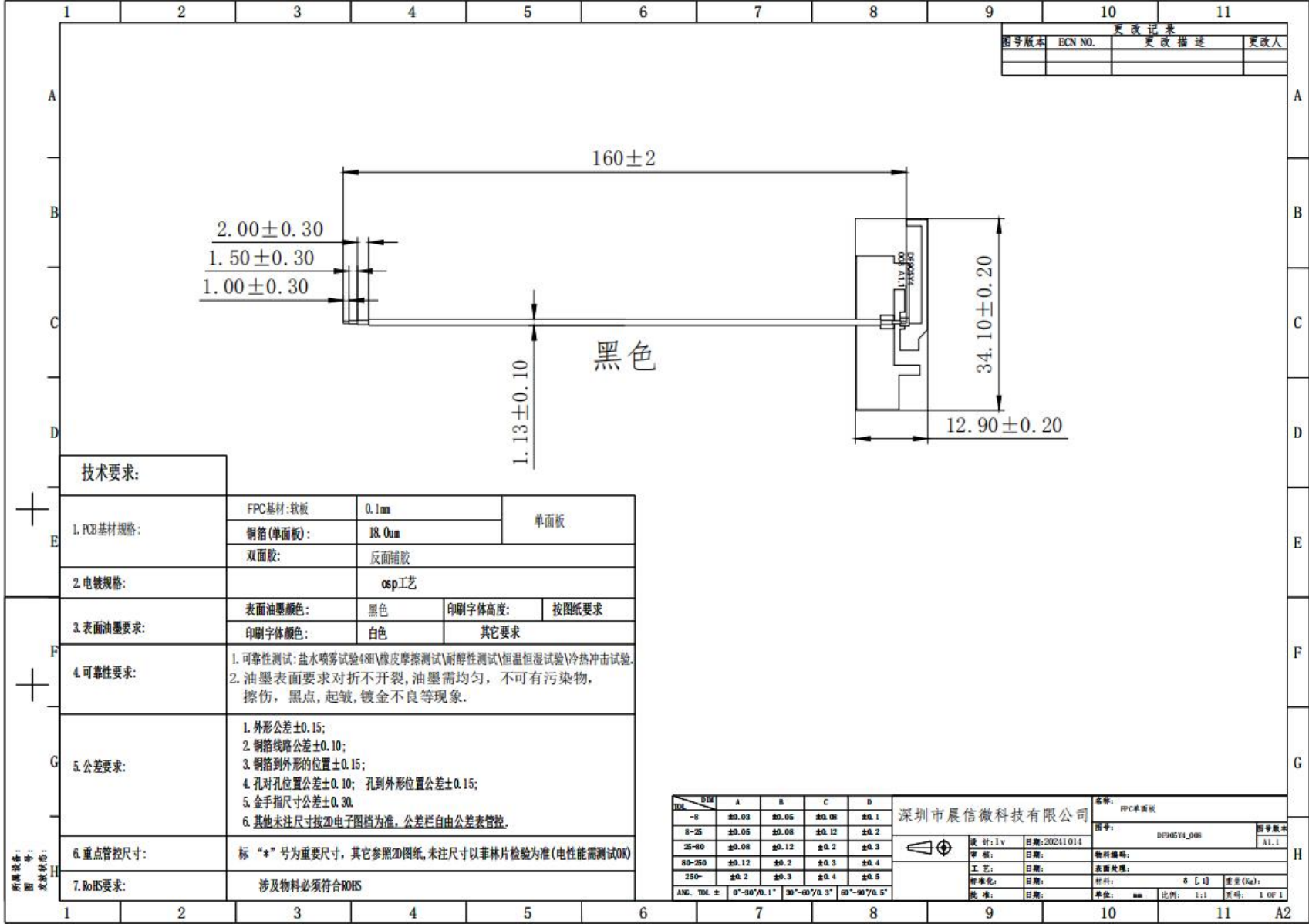
2.Document formulation/revision/removal of application form

[illegible]

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4.Product drawings



Shenzhen chenxinwei Technology Co., LTD.

Contact: Wang Jianguo Mobile phone:13424341872

Address: 1123 Tongfang Creative Commune, Intersection of Zhongxin Road and Haoxiang Road, Xinqiao Subdistrict, Baoan District, Shenzhen.

5. Antenna location



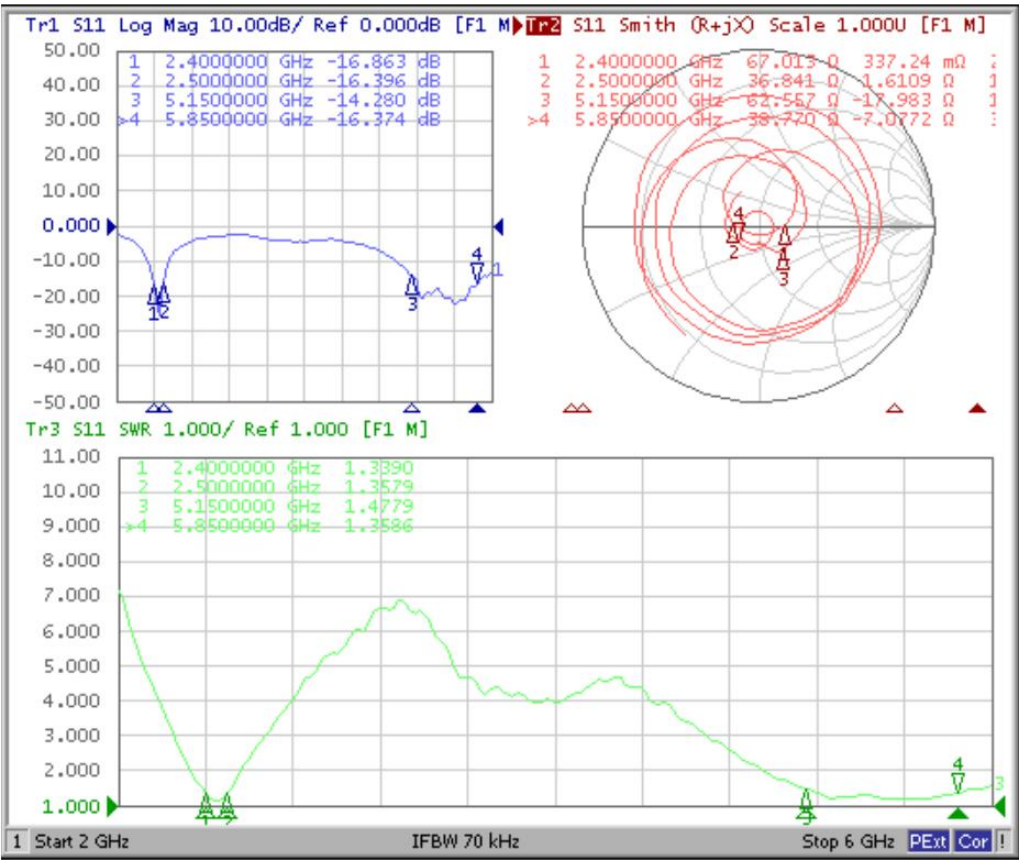
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6.Passive test data

S11

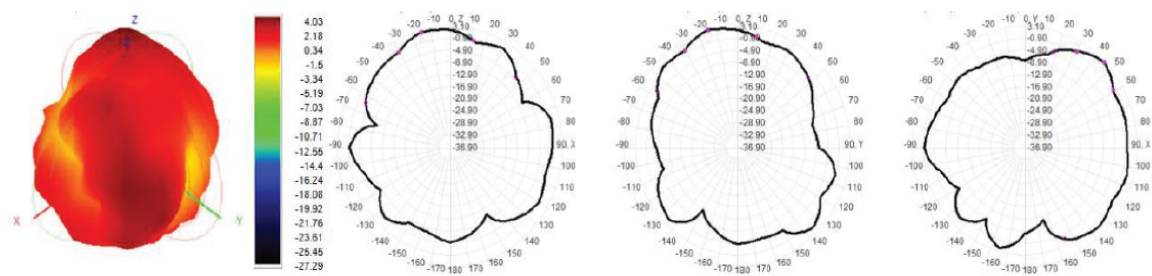


Fre(GHz)	2.4	2.5	5.15	5.85
ReeturnLoss	-16.86	-16.39	-14.28	-16.37
VSWR	1.33	1.35	1.47	1.35

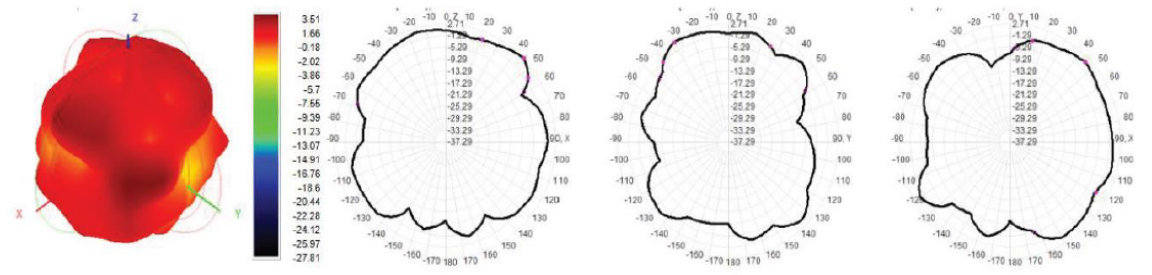
Efficiency,gain and direction diagram

WIFI 测试数据: WIFI test data:		
频率 frequency (MHZ)	efficiency 效率 (%)	gain (dbi)
5150	63.37	4.03
5250	63.84	3.91
5350	64.56	3.98
5450	66.80	3.21
5550	65.78	3.51
5650	63.15	3.29
5750	63.94	3.25
5850	65.39	3.62

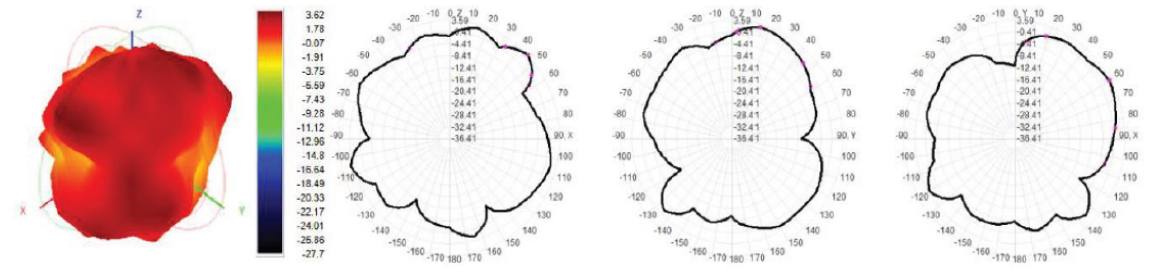
5.15GHz



5.50GHz



5.85GHz



7.Actively tested data

5.8G-WiFi 11a 6M tx 54M rx	Channel	TRP	EIRP	Channel	TIS	EIS
	ch36	13. 49	20. 56	ch36	-74. 3	79. 07
	ch64	15. 29	23. 52	ch64	-76. 2	81. 14
	ch165	16. 38	21. 16	ch165	-77. 6	81. 96

8. Electrical performance test report

Electrical parameters		
frequency range		5.15-5.85GHz
Input impedance		50 Ω
Standing wave ratio		<2.0
Gain		
	5.8GHz	3 dBi
Polarization mode		cross polarization
Radiation direction		omnidirectional
Type of connector		welding
Mechanical parameters		
Wire length		160mm
Maintenance energy		/
Coax		Black 1.13mm
Salt spray test		
Environmental parameter		
Working temperature		-40~85°C

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9. Reliability Test Report

9.1. Steady temperature damp test

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9.2. High and low temperature hot and cold shock

Trial/ Trial project	High and low temperature hot and cold shock	Inspection form number
Product Name/ Specification	2. 4G&5. 8G-FPC RF1. 13mm wire,wire length 160mm	Number of tests: 5PCS
Date of submission:2024-10-10		Completion date:2024-10-10
Test/inspection equipment: 1. High and low temperature alternating hot and humid 2. 8753ES network analyzer		
Test/inspection conditions: -40℃ (2H) -interval 80℃ (2H), 6 cycles, a total of 24 hours;		
Test Results		
requirement : 3 、 The metal surface coating should be free from peeling, cracking, wrinkling, separation, etc.; the non- metal parts should not have discoloration, cracking, deformation, delamination and other bad; 4 、 The electrical test meets the standard; the voltage standing wave ratio test is qualified.		
Test/inspection determination: ✓qualified ●unqualified ●No determination		
test : examine and verify :		

10.package specification

Product part number:							
Product Specifications: <u>Built-in Antenna/5.8G-WiFi/3dBi/50ohm/34.1*12.9mm/RF1.13mm Black Coaxial Cable Length:160mm+Stripping wires and tinning them 2-1.5-1mm</u>							
I. Labeling requirements							
The inner label is 45 long and 70 wide					The outer label is 45 long and 70 wide		
demand					demand		
supplier	Shenzhen chenxinwei Technology Co.,LTD.				supplier	Shenzhen chenxinwei Technology Co.,LTD.	
Customer order					Customer order		
Customer part number					Customer part number		
material code					material code		
Name and specification		examination clerk			Name and specification		examination clerk
Quantity/Unit		date of manufacture			Quantity/Unit		date of manufacture
remarks					remarks		
II. Packing requirements							
1.Pack-aged product 50PCS 5000PCS							
2.external packing							
Note:							

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