

	File name	Sample Acknowledgement	Edition	A0
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Sample type: Structure sample General material sample

Sample Acknowledgement

Supplier Name: Shenzhen Huabao Technology Co., Ltd.

Product name and specification: Ø0.5*26mm single-end paint foam wire

Supplier Part Number: /

Part Number: 8.A.0022609001

Sample version: /

Sample delivery date: 2024.08.8

Supplier confirmation column (signature and seal): _____

Signature/Date of Approving Person	R&D/Engineering	Quality Audit	Approval by the Chief Executive

Party A confirmation column: _____

Signature/Date of Approving Person	Electronic	Structure Department	ID Department	Sales Department	Project Department	Quality Department	Approved by R&D Director

Notes: 1.

The supplier of samples and materials of this letter of approval shall sign and seal (official seal or engineering seal) after confirming that

they are qualified; 2. According to the material category of the letter of approval, Yipin will conduct confirmation

and review at the corresponding position; 3. The sample must be fully verified during the confirmation process, including structure

and performance tests; 4. Once this sample is confirmed, it will be used as one of the bases for

mass production; 5. The letter of approval is in six copies, one for each of R&D, IQC, supplier, and outsourcing factory, and two for document control

Data distribution targets: yIQC ySupplier yProject Department yDocument Control Center yOthers

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A		B		C		D		E		
5	<p>10064 28AWG 19*0.08TC OD 0.62 $L=26\pm 0.5\text{mm}$</p>				3		2		1	
4	<p>$1\pm 0.2\text{mm}$</p>				3		2		1	
<p>技术要求: 1. 上锡处不能大头, 开叉, 2. 控制尺寸 *所有物料符合ROHS要求*</p>										
2	序号	名称	规格说明	用量	供应商	产品料号	公差范围		1	
1	1	线材	UL10064 28AWG OD 0.62	1	明秀	8.A.0022609001	0<DIM<10	±0.05	客户料号: CT818BT-1166	单位: mm 版本: A0
	2	锡条	无铅环保锡条		千岛		10<DIM<50	±0.10	产品名称:UL10064 28WG	比例: 日期: 2024.8.8
	3						50<DIM<100	±0.15	产品料号:	页码: 1
							100<DIM	±0.20	设计: 王明 批准:	
							角度	±1°		
A		B		C		D		E		

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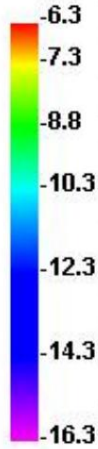
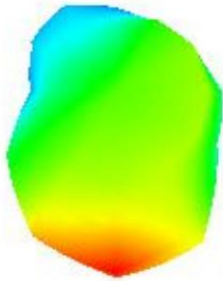
Passive Test For WIFI2.4										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)
2300	5.4	-12.68	-8.06	-10.21	2.882	2.515	-8.06	-22.52	4.62	60
2310	6.09	-12.15	-7.46	-9.61	3.317	2.778	-7.46	-22.41	4.69	60
2320	6.56	-11.83	-7.01	-9.16	3.608	2.955	-7.01	-22.56	4.82	60
2330	6.03	-12.2	-7.27	-9.42	3.332	2.696	-7.27	-22.93	4.92	60
2340	6.46	-11.9	-6.94	-9.09	3.598	2.861	-6.94	-22.72	4.96	60
2350	7.19	-11.43	-6.43	-8.58	4.027	3.162	-6.43	-21.26	5	60
2360	7.07	-11.5	-6.56	-8.71	3.994	3.08	-6.56	-21.82	4.95	60
2370	5.94	-12.26	-7.45	-9.6	3.355	2.587	-7.45	-22.52	4.81	60
2380	8.39	-10.76	-6.03	-8.18	4.764	3.625	-6.03	-20.25	4.74	60
2390	8.19	-10.86	-6.15	-8.3	4.639	3.556	-6.15	-20.18	4.71	60
2400	7.9	-11.02	-6.29	-8.44	4.457	3.445	-6.29	-19.98	4.74	60
2410	7.78	-11.09	-6.38	-8.53	4.385	3.393	-6.38	-19.76	4.71	60
2420	8.35	-10.78	-6.2	-8.35	4.699	3.655	-6.2	-19.46	4.58	60
2430	7.79	-11.08	-6.6	-8.75	4.341	3.449	-6.6	-19.99	4.48	60
2440	9.54	-10.21	-5.67	-7.82	5.342	4.194	-5.67	-20.45	4.54	90
2450	10.43	-9.82	-5.18	-7.33	5.845	4.581	-5.18	-20.45	4.64	60
2460	9.76	-10.1	-5.33	-7.48	5.46	4.302	-5.33	-21.21	4.77	60
2470	8.62	-10.65	-5.65	-7.8	4.846	3.771	-5.65	-22.73	5	60
2480	10.65	-9.73	-4.5	-6.65	6.092	4.557	-4.5	-21.97	5.23	30
2490	11.79	-9.29	-3.97	-6.12	6.76	5.026	-3.97	-20.01	5.32	30
2500	10.96	-9.6	-4.2	-6.35	6.248	4.715	-4.2	-20.63	5.4	30

2300.00MHz - 2500.00MHz Gain

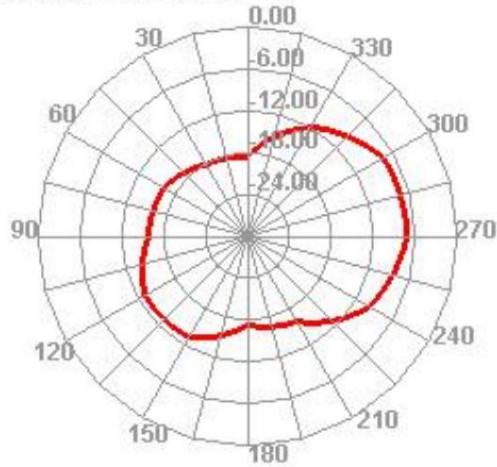


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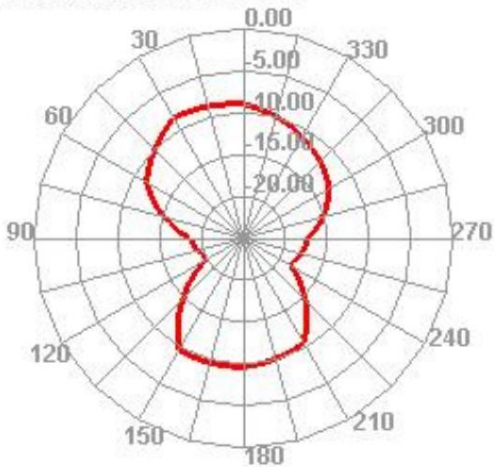
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2400.000MHz



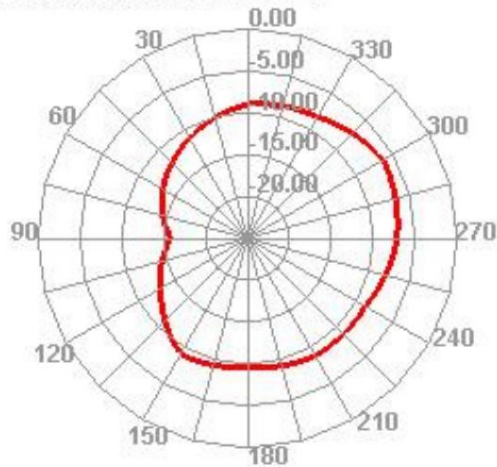
2400.00 2450.00
2400.000MHz H



2400.000MHz E1

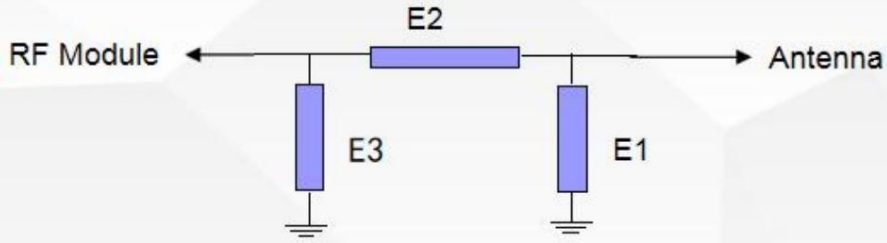


2400.000MHz E2



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BT 天线匹配电路



	Element	Value	
BT	E1		贵司原匹配
	E2		
	E3		
	E4		

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Shenzhen Huabao Technology Co., Ltd.

Shipping Inspection Report

Customer Name:	Grapefruit	Model Type:	D390	Check the benchmark	sampling number (N)	Accept number (AM)	Rejection number (RE)
Specifications:	Ø0.5*26mm single end paint foam wire	Inspection date:	2024.8.8	Sampling according to G=y AQL: CR=0 MAY=0.4 MIN=1.0 [where function AC=0]	/	/	0
Total LOT:	/	Number of random inspections:	1 bundle				

y When the sampling number is y10, record 10 data;

Result judgment: ACC/OK RE./NG Not applicable NA means

Check items	检查内容	抽样数	Inspection tools/standards	Inspection Records	Result determination	
Structural inspection	Assemble with corresponding parts without color difference, gap, drop, etc. Different abnormalities		Visual/Components	No defect	POK'NG	
APPARATUS	Check that there is no dirt, discoloration or other debris on the antenna surface.		Visual/Not Acceptable	No defect	POK'NG	
	The spool is not damaged and the edge is free of scratches		Visual/Not Acceptable	No defect	POK'NG	
	Check the wire/check if the sample is used correctly		Visual/Ø0.15MM	No defect	POK'NG	
	The length of the inspection line is within the requirements.		Visual/obvious non-contact	No defect	POK'NG	
	The copper wire has uniform color and smooth feel.		Visual/clearly identifiable	No defect	POK'NG	
Specifications/Dimensions	Film thickness: outer diameter - bare diameter = film thickness		Caliper/rule	Size OK	POK'NG	
Spec/size	Sample verification		Sample/caliper	/	POK'NG	
Check whether the line is consistent with the standard required by the drawing/sample			THAT			ACC
Parts inspection: fill in the quantity and name of the parts list			Number of accessories: None Name:			

Reliability Test

project	Test items	Require	Test results	in conclusion
Salt spray test	Salt Pinhole Test	1 minute/5/6M	OK	ACC
Solderability	Solderability test	Tinning is smooth and uniform	0.990	ACC
Gold/Nickel Post Test	Jinhou 1-2U*	3U	THAT	
Packaging/labeling	The material labels, stickers or label contents are correct and the packaging quantity is not less than the original. Shortage and other issues	Visual inspection/check PO#	Meet the requirements	ACC
Functional Check	THAT			
ROHS	Environmentally friendly products / Non-environmentally friendly products			
Others are consistent with sample/acceptance letter and standard requirements			/	

Final Verdict: POQualified (ACC) y Unqualified (RE.J)

Non-conformity description

Inspection: Li Feng

Review: Wu Xingtuo

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Packing

Customer Name:		Material Name:	
Packing Quantity:		Packaging Materials:	Carton
Packing quantity:		Packing method: Sealed bag packing	



Figure 1: Single piece packaging



Figure 2: Packing method

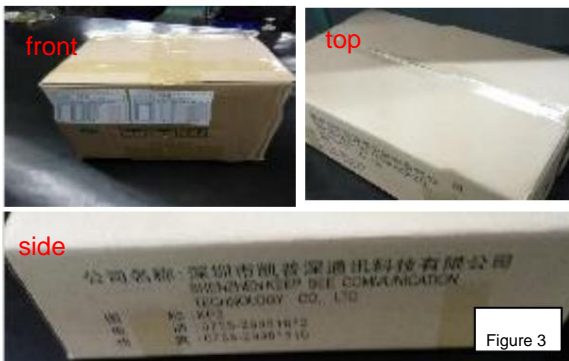


Figure 3: Box views (front, side, top)



Figure 4: Outer box label

Proposed: Jiangshan

Reviewed by: Ruan Bingqian