

Material

acknowledgement

Fenda material name	FD204 BT Antenna
Fen da material	14. 001.0017.00004
Supplier name	Shenzhen Trusted Huacheng Communication
Brand &	2FPC611286026-R1

Supplier acknowledges				Fen da admitted	
	engineer	examine and verify	ratify	engineer	ratify
sign	Xiao Kunxiong	Yue Zhongxun	Wen-hui liao		
date	2023-3-3	2023-3-3	2023-3-3		
affix one's seal:					
remarks:					

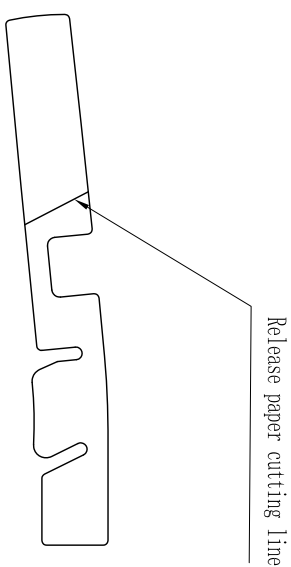
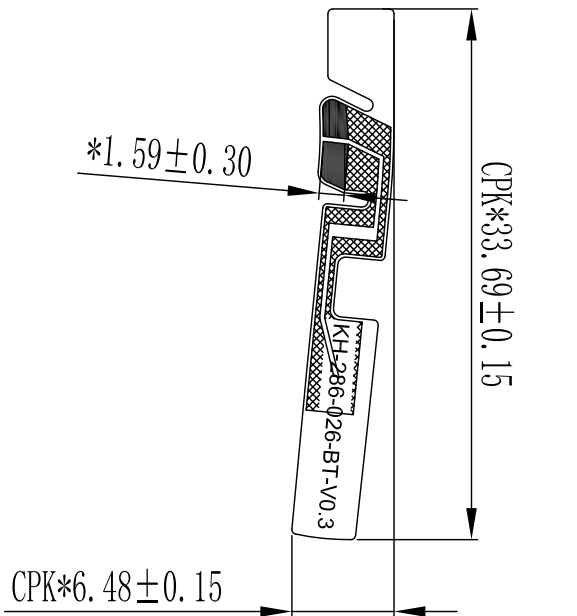
- Attached information:
- 1. Drawings, specifications
 - 2. FAI test report
 - 3. reliability test

4 . Other information

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catalogue

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GOLD-PLATED AREA  LINE AREA 



深 圳 市 可 信 华 成 通 信 科 技 有 限 公 司

		The third angle				Project		KH-286-026		Date		2023. 3. 30		Page number		1/1	
	0 ~ 10	± 0.10		0.02	Description	RF ANTENNA											
	10 ~ 20	± 0.15		0.03													
	20 ~ 40	± 0.20		0.02	P/N	2FPC111545007-R1											
	> 40	± 0.25		0.04													
				0.04	Material	FPC											
				0.02													
Drawings		Position			Appearance color		Black			Unit	mm		proportion		Version	R1	

- Remark
- 1."*"is important size(should control when making mould, mould verify measure grade B),athwers are design reference size grade C
 - 2.Material cannot use the secondary recycled material
 - 3.Porduct can not be bumped,scratched or damaged etc during packagee and transportation
 - 4.Material:P1(half to half),the back glue 3M9471
 - 5.Package and quality standard refers to KEXINHUACHENG standard
 - 6.Product must meet RoHS2.0/HF/REACH standard

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2. Size report

RMSG

Shenzhen Trusted Huacheng Communication Technology Co., LTD
Shenzhen Kexinhuacheng Communication Technology Co.,Ltd.

Appearance sample size inspection report

customer		/				product		BT antenna-FPC			product		FPC	
Supplier		/				Product		2FPC611286026-R1			inspecti		Liu	
Drawing		R1				unit		mm			examinat		2023.3.3	
or de r	Detec tion items	criterion of detection				Actual measurement size					Det erm ine	det ect ing vis	Sp eo ty	remark s
						1	2	3	4	5				
1	surfa	See the poor				OK	OK	OK	OK	OK	OK			
Drawing size		1	33.6		0.15	33.826	33.793	33.755			OK	P		
		2	6.48	b	0.15	6.395	6.388	6.362			OK	P		
		3	159	+	0.30	1.847	1.853	1.824			OK	P		
Finally, the party					fix:		OKH		NG mouth					

Brief description of bad appearance phenomenon: A-word, B- -wrinkle, C one scratch, D- -mixed color, 'K one indentation, L one shape, M- -shrinkage, N-broken foot, O- -top white, P- -rust, Q- -defective, 'Check and delete the battle device referred to as: PG one plug (round hole) gauge, RG- -R gauge, SG- 'Production, Liu Xianchong

Approval: Yue Zhongxun

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3. Salt mist test

"HENG

version number:A0

Salt mist test report

Customer / Supplier (Customer/supplier)	/	Product name / model number	BT antenna-PPC	Product material number	2FPC60286026-R1
Test the number of (Test Quantity)	SPCS	Ring grave temperature and	25.1.C x 53.7%	Pick test date (Test Date)	20233.6-20233.8
Test item (Test item)	Neutral salt fog sword test at 48H		Test equipment (Test Machine)	Salt spray tester LX-60A	
The opening board The mouth sample ☐ Trial production of fish production material change ☒ Material admission for oral routine test Skin it one					

Test drawing purpose (TestObjective):

No rust phenomenon, the performance of the electrical performance charge sufficient specifications model trapped.

Put in the salt zero test box at a concentration of (5 ± 1)%. The temperature is 35.C± C and the sink rate is (1-2) ml / B0 ". H. brine injection, 48 hours later, check the soul. Reference standard: GB / T 2423.18-2000 Test Kb

Test Results (TestResult):

Xiang numbe	Detection project	Implant oneself before sword test	After the test, the	remarks
1	Whether the sample surface has rust and	OK	OK	
2	Whether the surface of the sample is foaming and detached	OK	OK	

Results steel (ResultDescription):

After the test, the surface of the sample has no rust'color, foaming, falling off and other phenomena, performance, the result is OK.

Figure i Test sample

1

Figure 2. Test parameters

Figure 3 After testing

Trial under the knot ☒ qualified PASS ☐ unqualified hope

(TestResult):

Cc department: General manager ☐ R & D technology Center Central mouth in the mouth ☐
purchase mouth structure mold section Kou product project department

The mouth can

Nonconforming treatment (liiqualified treatment):

Tester: Liu Xianchong

Review: Yue Zhongxun

- -Shenzhen Trusted Huacheng Communication Technology Co., LTD THE LEADING COMPANY

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4 . Performance report

Antenna photo. Environmental treatment.

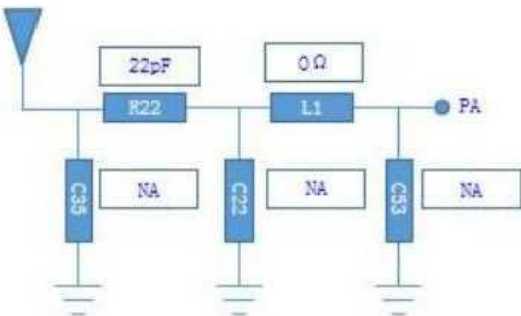
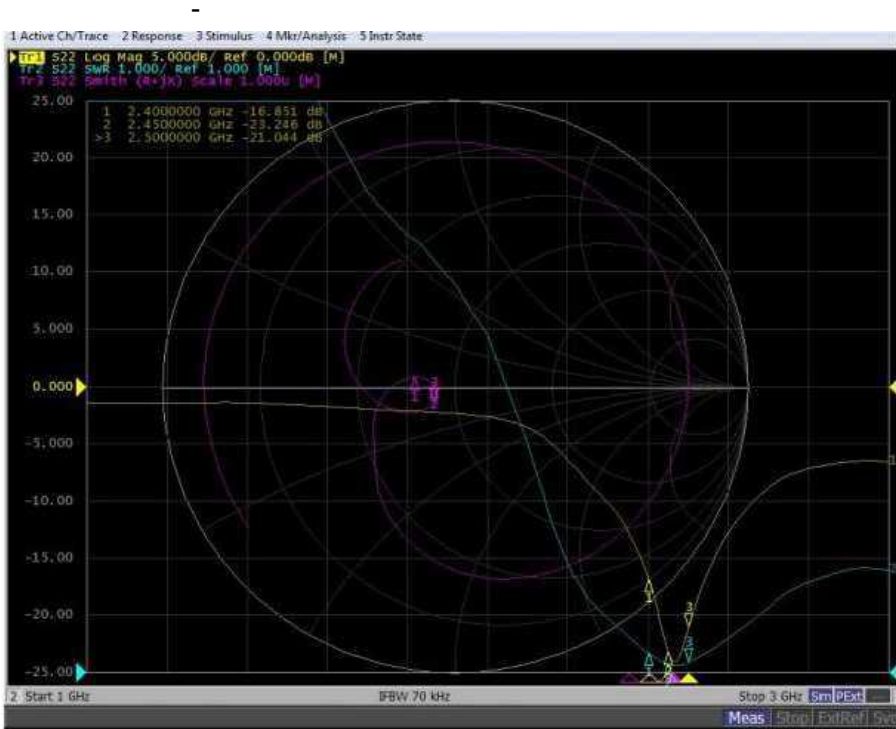
Dark room placement diagram:



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S22. and I; power distribution road

The Tri return loss standing wave map



1. The original match has been changed, and the latest parameter values are as follows:

Main road match	parameter values
C35	NA
R22	22pF
C22	NA
LI	OQ
C53	NA

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Dark room data. And field measurement data

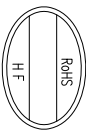
Passive test data

free state			
frequency Frequency (MHz)	ain Gain (dBi)	efficiency Efficiency (dB)	efficiency Efficiency pottery
2400	-2. 43	-6.70	21.38
2410	-2. 47	-6.71	21.34
2420	-2. 53	-6.58	21.96
2430	-2.41	-6.41	22.86
2440	-2.27	-6.39	22.94
2150	-2. 28	-6.47	22.53
2460	-2. 36	-6.45	22.67
2470	-1.88	-6.38	23.04
2480	-1. 76	-6.48	22.47
2190	-2.02	-6.53	22.25
2500	-2. 35	-6.55	22.14

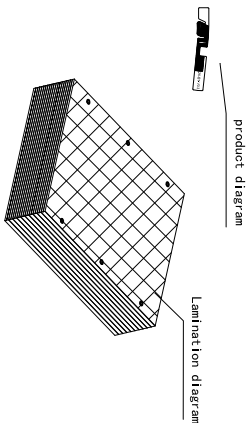
Arm state			
frequency Frequency (MHz)	ain Gain (dBi)	efficiency Efficiency (dB)	efficiency Efficiency of the same time
2100	-3.45	-10.93	8.08
2110	-3.65	-10.84	8.25
2420	-4. 24	-10.86	8.21
2430	-4. 26	-10.95	8.04
2140	-3.6	-10.82	8.28
2450	-3. 32	-10.66	8.59
2460	-3. 31	-10.65	8.61
2470	-3. 35	-10.65	8.61
2180	-3. 27	-10.61	8.68
2190	-3. 46	-10.75	8.42
2500	-3. 51	-10.77	8.38

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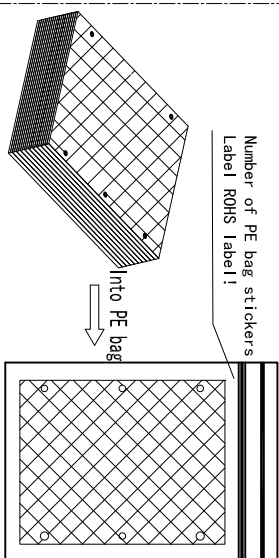
The FD 204 Bluetooth range test data are as follows:					
1. Standby:					
Apple 11 phone back / 180° pull 5.3 meters (standard 5 meters).					
communicate by telephone:					
Apple 11 back / 180° pull 10.4 meters (standard 10 meters).					
2. Standby:					
The back of the Android Mi 10 phone / 180° pull apart is 6.2 meters					
communicate by telephone:					
Android Mi 10 back / 180° pull 11.5 meters (standard 10 meters) standard.					
Note: Since the Huawei Mmate 40 Por and Samsung Galaxy M30s phones were not available, these two phones were not					



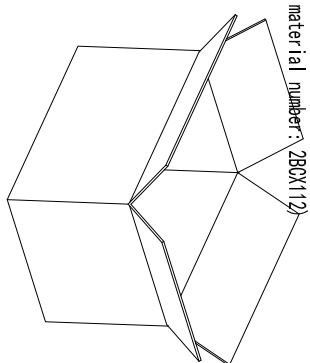
1、FPC full plate shipment, put the whole board FPC stacked (each middle with release paper)!



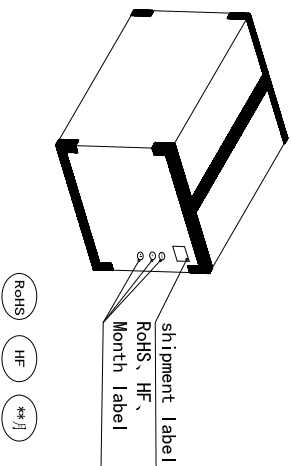
2、Each 1000PCS shall be packed into a PE bag and wrapped and sealed with adhesive tape.



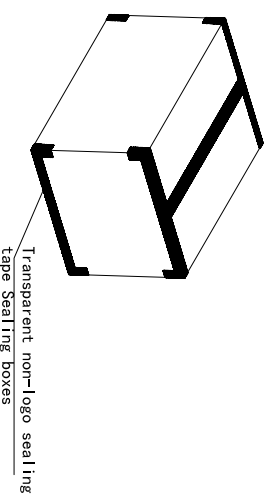
3、20 bags per box, 200,00pcs per box (carton material number: 280X112)



5、Packing diagram of outer box



4、Sealer Sealing Box (Type H)



Note:

1. Handle the product gently when packing to avoid scratching.
2. After the whole plate is packed, check whether there is any missing product
3. If there are zero boxes that are not filled, fill them with buffer material.
4. After the packing is complete, check whether the labels are attached properly
5. The shipment inspection report should be attached to the box.

客户名称:	深圳市可信华成通信科技有限公司
订单号:	
产品名称:	
客户料号:	PCS
出货单号:	出货日期:
PMC	备注:

shipment label illustration

		The third Angle		Project		KH-286-026		Date		2023.3.30		Page number		1/1	
		0~10		±0.10		○		0.02		Description		FPC antenna packaging		Drawing	
10~20		±0.15		◎		□.03		0.03		P/N		52JH2286026-R1		Review	
20~40		±0.20		└		0.02		0.02		Material				RF	
> 40		±0.25		└		0.04		0.04							
Drawings		Position		0.02		Appearance color				Approved by		Unit		mm	
										Proportion		Version		RI	