



汉王友基
HANVON UGEE

深圳汉王友基科技有限公司-承诺书（电子类）

Catalogue

1. BOM/material certificate
2. QC Engineering Drawing
3. 2D drawing/package drawing
4. Environmental report list&environmental protection data
5. Packaging and shipping method
6. Reliability report
7. Supplier test report (size, appearance)

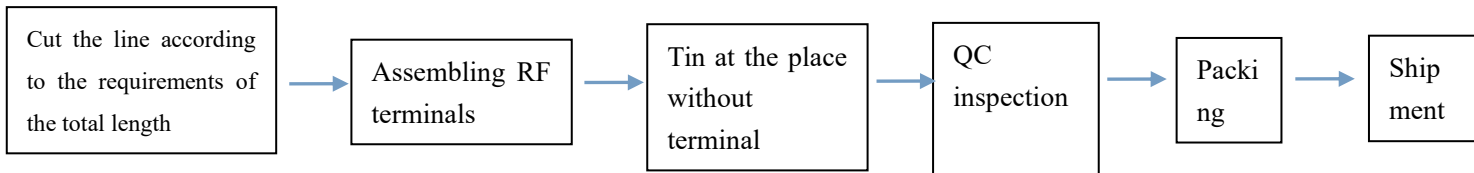


1: Material certificate

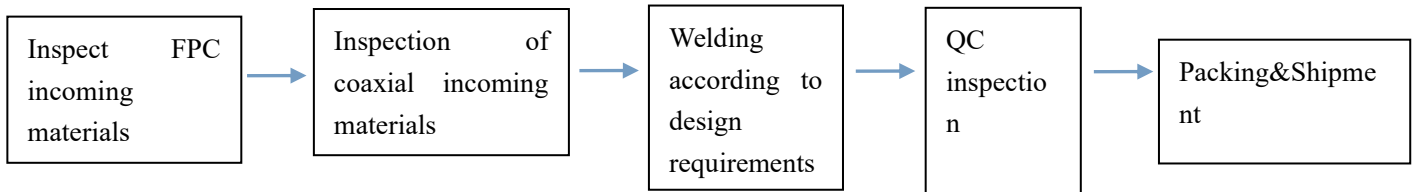
Coaxial line: 0.81mm double tin wire, third-generation terminal, total length 90mm

FPC: copper foil surface black oil, total thickness 0.15 mm, size 29.5 * 17.3 mm

2: QC Engineering Drawing



FPC and coaxial line welding



3:2D drawing/package drawing



Picture of antenna



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4: Environmental report list

Environmental report list																		
The Company hereby guarantees that all the data recorded and attached in the List of Environmental Protection Reports are true. If there is any inaccuracy (including but not limited to the comparison error between the material number and the original test report), Shenzhen Hanwang Youji Technology Co., Ltd. will suffer any damage, and is willing to assume full																		
Part Name:																		
Item No: 11014101483																		
Vendor Item No: BPH1502B-A BT ANT																		
Issued by: Shenzhen Feilutong Technology Co., Ltd																		
Name of Company Representative: Cai Weidong Title of Company Representative: Sales Manager																		
Issuing date: November 3, 2022																		
No	Structure name of environmental protection parts	Raw material manufacturer	Testing agency	Test report No	Test report time	Test result value (unit: ppm, ng/kg each of sample)										remarks		
						RoHS					Projects added after RoHS2.0						HF (halogen)	
						lead Pb	cadmium Cd	mercury Hg	Hexavalent chromium Cr6+	Polybrominated biphenyl PBBs	Polybrominated diphenyl ether (PBDEs)	Diisobutyl phthalate (DIBP)	Phthalic acid (2-ethylhexyl ester) (DEHP)	Dibutyl phthalate (DBP)	Butyl benzyl phthalate (BBP)	chlorine	bromine	
1	FPC	Shenzhen Honghai Communication Co., Ltd	SGS-Standard Technical	SHAEC2202460502	2022年2月16日	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D	N.D	50	N.D	
2	Coaxial line	Huizhou Connor Electronic Technol	SGS-Standard Technical	CANEC2202119402	2022年2月15日	N.D	N.D	N.D	N.D		N.D	N.D	N.D	N.D	N.D	75	N.D	



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5: Packaging and shipping method

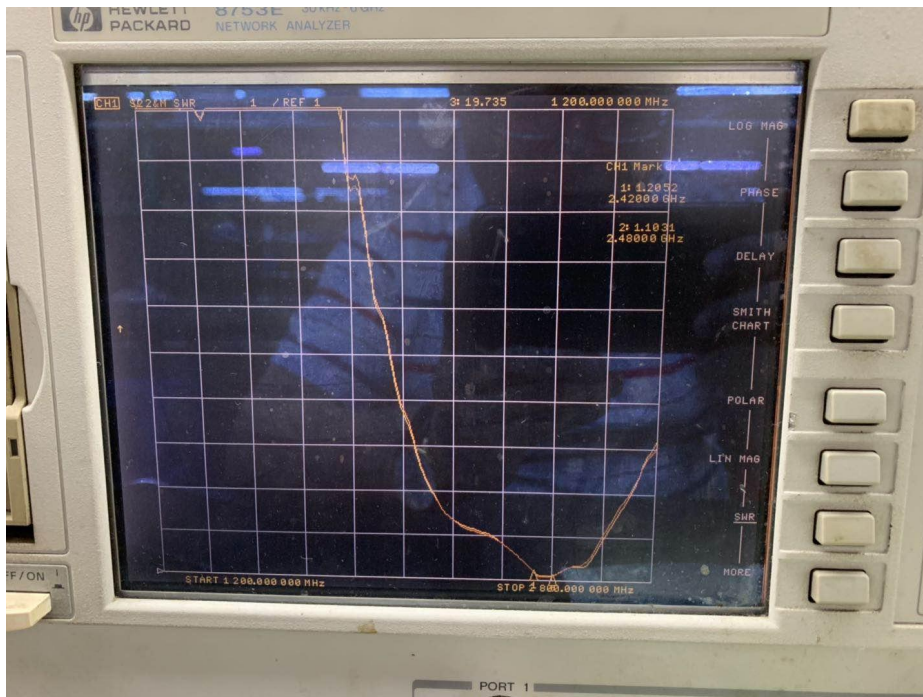


200pcs per small package



Each large package is subject to the order quantity

6: Reliability report



VSWR

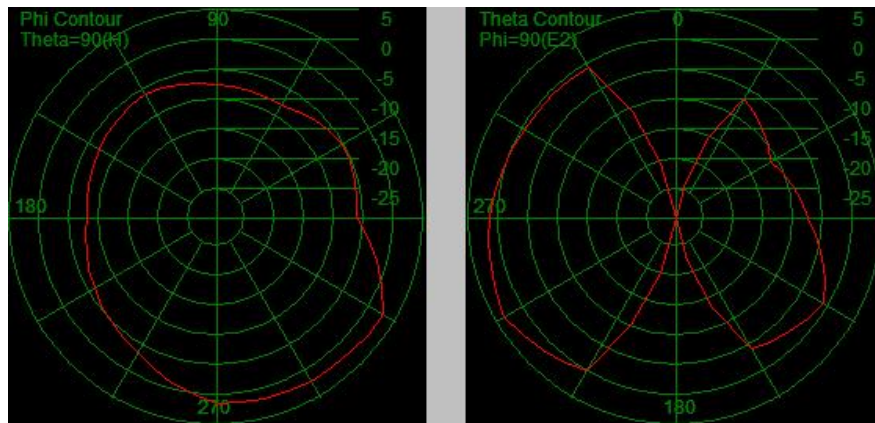
HWYG-4-DC-023 A0



Antenna efficiency gain:

Test Point ID	Freq (Mhz)	Efficiency (%)	Gain (dBi)
1	2400	45.3%	2.54
2	2410	45.6%	2.87
3	2420	46.6%	2.89
4	2430	48.3%	3.12
5	2440	48.9%	3.24
6	2450	48.1%	3.46
7	2460	49.6%	3.52
8	2470	49.8%	3.64
9	2480	49.0%	3.05
10	2490	47.8%	2.77
11	2500	46.2%	2.13

Antenna pattern



7: Supplier test report (size, appearance)



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Shenzhen Feilutong Technology Co., Ltd

Delivery inspection report

Inspection date: 2022.12.22

Product name	antenna	Project name	BPH1502B-A	order number		Batch quantity	200
Antenna Fpc BT		Defect level	AQL Acceptable level	AC	RE	Sampling quantity	Full inspection
Inspection standard		Critical				Packaging method	A case
		Major	0.65			Net weight	
		Minor	2.5			Gross weight	
NO.	Appearance inspection items	Inspection record			Quantity of defective products	determine	
1	Crushing/deformation/dirt	nothing			0	OK	
2	Scratches/scratches/burrs	nothing			0	OK	
3	Color difference/breakage/breakage	nothing			0	OK	
4	Soldering effect and LOGO confirmation	nothing			0	OK	
5	Poor line/pinholes/c	nothing			0	OK	