



Antenna specification

Vendor Name	Shenzhen kenhaitong antenna technology co, ltd				
Customer Name	Habson				
Sample Name	KIT-H717G-BT-V07				
Part Number	H717G				
Specification	Black FPC 43.51*19.17 + Black RF0.81CABLE IPEX3 L=102MM				
Inspection Item	Performance	Total Appearance	structure	Audit	Inspection Result
Remark					
QA Audit		Engineer Audit		Sales Confirm	
The following are filled by Customer					
Customer Evaluation					
客户签字/盖章 Signation/ Chapter by Customer	日期/date:				

Address: 3rd floor, west of No. 1 Building, Hezhou Zhonguo Industrial Park,
Hangcheng Street, Bao'an District, Shenzhen

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Antenna Test Report

Test by: Shenzhen kenhaitong antenna technology co,ltd			
Material	FPC+CABLE+IPEX		
Antenna Type	MonopoleType	Polarization mode	Linear
Application			
Band	2.4G/BT	VSWR	≤ 1.5
Power	Max: 2W	Impedance	50Ω
dB	4.15dBi		
Test Equipment	HPE5071C、Shielding Room、3D automatic turntable		
Antenna Description:: 1. Grounding processing and picture description: no 2. Need to change the motherboard to match: no <ul style="list-style-type: none">● Test voltage: 3.6V, check the antenna contact is good before testing.● The RF cable of the integrated tester is kept in a natural state and can not be curled. Specification: test the specified power level, all indicators must conform to the specifications.			

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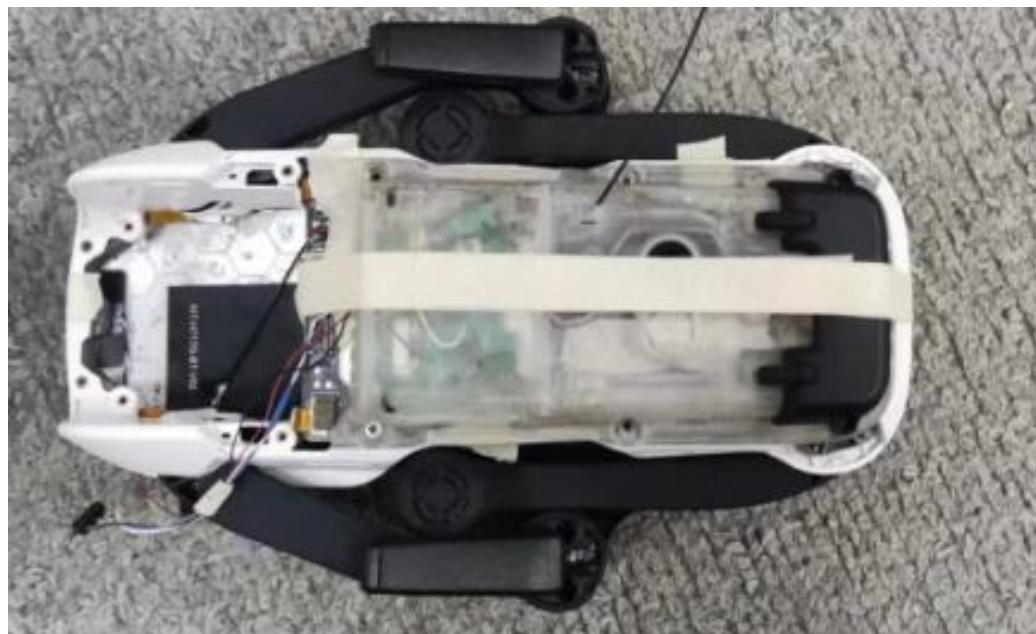
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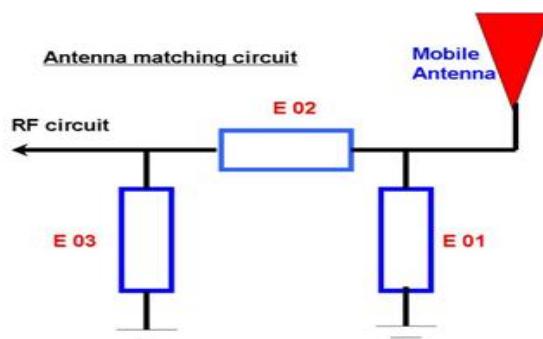
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1、Project Picture



Note: The customer finally verified that the antenna performance prototype is retained in our company for at least one year to analyze and solve the abnormal situation in the antenna mass production and ensure the antenna shipment quality.

2、Antenna Matching Circuit



Modify

E01	E02	E03
No	No	No

Remarks: Match No Modification

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3、Darkroom Test Equipment And Methods



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3.1 S11 Parameter



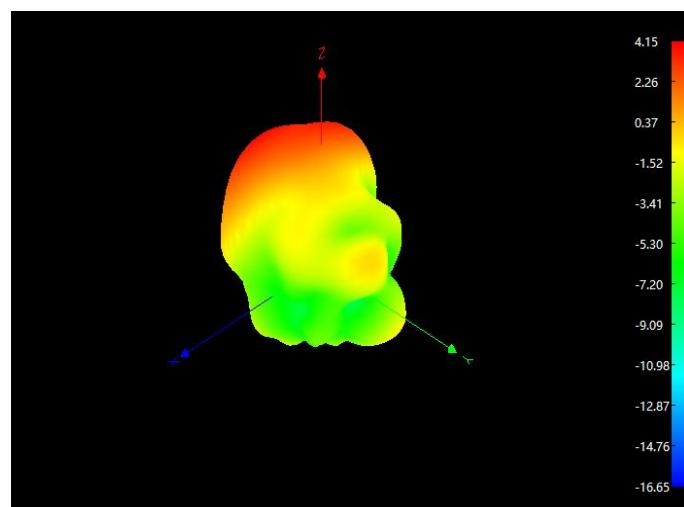
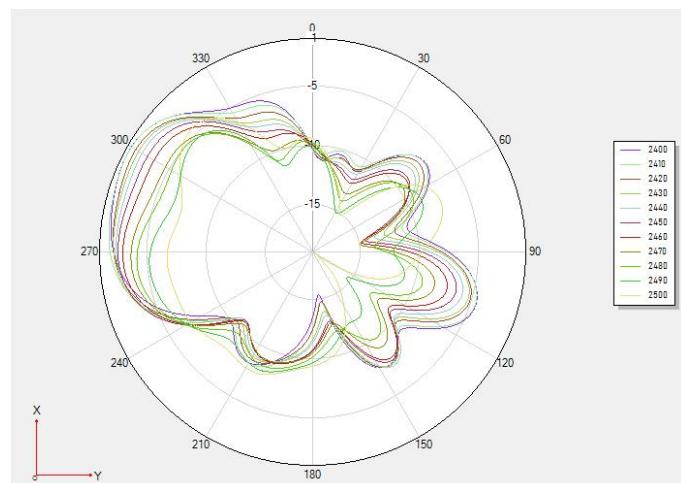
Frequency (MHz)	2400	2450	2500			
VSWR	1.0	1.5	1.0			

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4、Passive Test Data

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	46.03	3.66
2410	45.6	3.91
2420	46.13	3.97
2430	44.67	4.12
2440	44.87	4.04
2450	43.85	4.15
2460	41.02	3.64
2470	37.67	3.39
2480	36.06	2.82
2490	35.89	2.66
2500	36.31	2.46

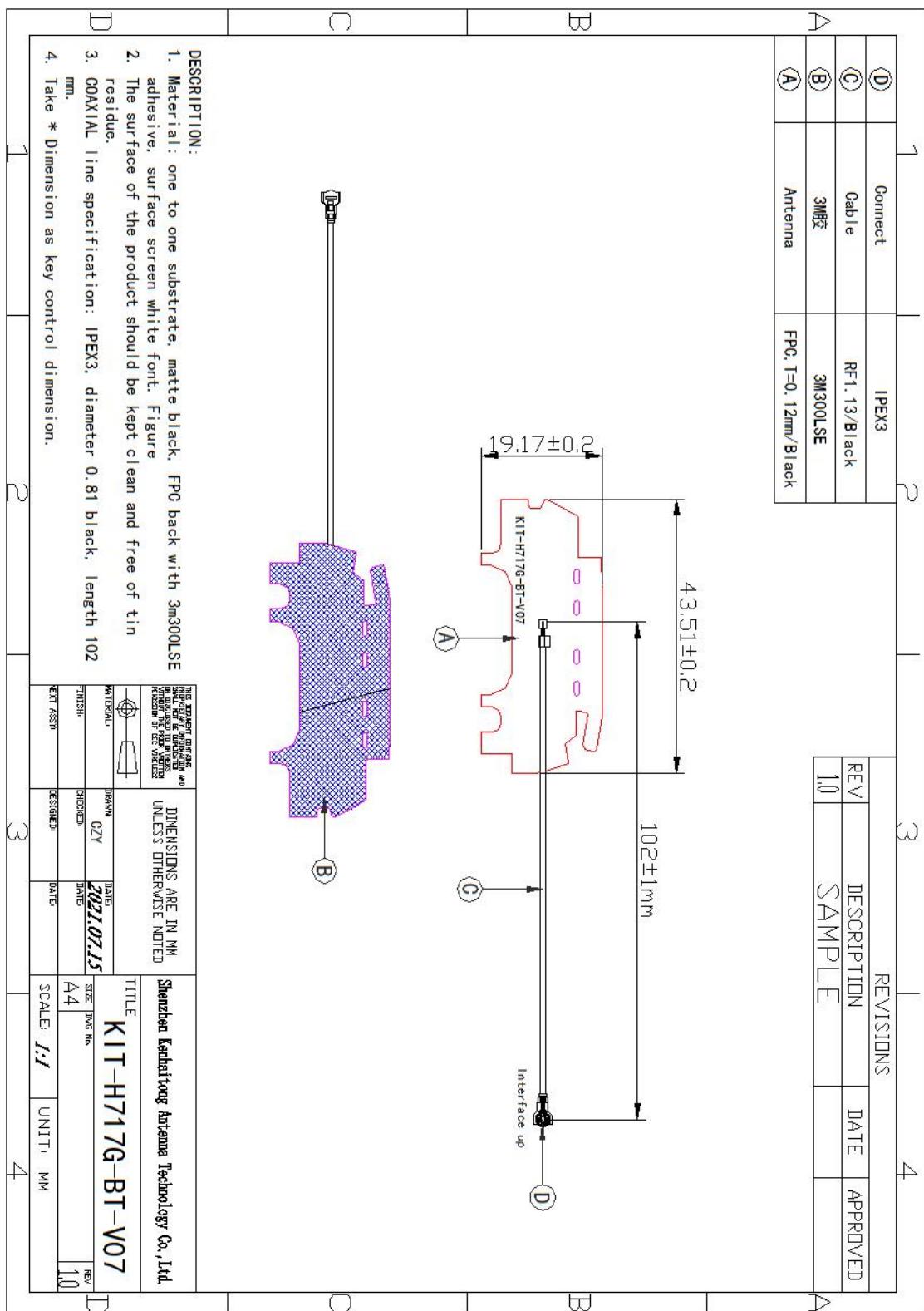


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5、Structural Drawings



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6、Sample size inspection report

Sample Size Inspection Report

Model: KIT-H717G-BT-V07

Date: 2023-06-30

Test Items	Standard	Sample inspection status (value)					Determine	Remarks
		1	2	3	4	5		
Antenna structure size	A1	43.51±0.15mm	43.53	43.50	43.52	43.50	43.51	pass
	A2	19.17±0.15mm	19.18	19.17	19.17	19.18	19.19	pass
	A3	102±1.0mm	101.95	102.08	102.11	101.98	102.11	pass
	A4							
	A5							
	A1							
	A2							
	A3							
	A4							
	A5							

核准: CZY

审核: CXM

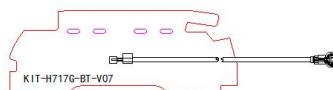
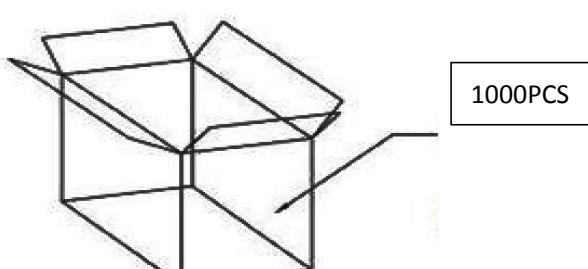
测试: JXB

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7、Packaging Method

Packaging				
Customer Name:Habson	Name:KIT-H717G-BT-V07		Code:	TEST: A
Pack ag e de tail s	Code	name	size	quantities
	PE	PE bag	230*330*0.12	1/100
	SYC-BZ-01	Paper box	270*250*130	1/10000
job st ep	1. Prepare the required packaging materials and place them in favorable operation positions. 2. Carcarton / PE bags, packaging, 100PCS / bag, 100 bags, 10,000 P C S per box. 3. Put 100 bags in each box, totaling 10,000 P C S. After filling the box, seal the box with transparent tape. Graphic picture of packaging products			
				
Illu strati on				
re m ar k				
compile	approval		MADE	DATE
JSB	DS		LSY	2023/07/01

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