



Antenna Sample Confirmation From

深圳健海通天线技术有限公司

天线承认书

Antenna Sample Confirmation From

供应商名称 Vendor Name	深圳健海通天线技术有限公司 Shenzhen kenhaitong antenna technology co, ltd				
客户名称 Customer Name	亚大物联 Yadas IOT Technology				
产品型号 Part Number	KIT-S80-2. 4G-V01				
样品规格 Specification	Black PCB 65*11. 87*0. 8mm、IPEX1 Splice、RF1. 13Black line、wire 270mm				
客户编号 Customer ID					
检验项目 Inspection Item	性能测试 Performance	外观检查 Total Appearance	结构 structure	审核 Audit	检验结果 Inspection Result
备注 Remark					
品质审核 QA Audit		工程审核 Engineer Audit		业务确认 Sales Confirm	
以下由客户填写 The following are filled by Customer					
客户意见 Customer Evaluation					
客户签字/盖章 Signation/ Chapter by Customer	日期/date:				



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Antenna Test Report

测试单位: 深圳健海通天线技术有限公司 Test by: Shenzhen kenhaitong antenna technology co, ltd			
材料 Material	PCB+Coaxial line+IPEX		
天线类型 Antenna Type	Monopole Antenna	极化方式 Polarization mode	Linear
应用场景 Application			
工作频段 Band	2.4G WIFI	VSWR	≤2.0
功率 Power	Max: 2W	Impedance	50Ω
增益 dBi	2.4G: ≥1.22dBi		
测试设备 Test Equipment	HPE5071C、Shielding Room、3D automatic turntable		
Antenna View (6mm*1mm) Antenna Description:: 1. Grounding processing and picture description: no 2. Need to change the motherboard to match: no ● 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.			

Address: 3rd floor west of Building 1, Hezhou ZhongKono Industrial Park, Hangcheng Street, Baoan District, Shenzhen

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WIFI main antenna standing wave ratio



Frequency (MHz)	2400	2450	2500			
Standing-wave ratio (SWR)	1.7		1.4			



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Antenna passive parameters

2.4G

Frequency / MHz	Efficiency / %	Gain/ dB
2400	42.07	1.2
2410	43.73	1.02
2420	43.64	1.14
2430	43.96	1.05
2440	44.48	1.05
2450	44.15	1.17
2460	44.55	1.14
2470	44.4	1.09
2480	46.34	1.16
2490	46.08	1.22
2500	46.98	1.13

