

Antenna SPEC

Customer name: Guangzhou Shikun Electronic Technology Company Limited

Customer project: OD.P.SCS16.MT926

Part Number: 004.032.0052617

B&T P/N: 74220088

B&T P/N: Built-in antenna- 2.4G- black 1.13 tin wire-1 generation
terminal- L=110mm-FPC-38.5×10.2mm

Sealed by corporation:

compilation	ver i fy	approval
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Form no. : B&T- qr-en-002 version: B3



Document making / revising / abolishing resume

Contents

1、Cover.....	1
2、Index of specification.....	3
3、Product drawing.....	4
4、Electrical Parameter.....	5
5、Electrical test report.....	6-7
6、Material composition and hazardous substances list	8
7、Prohibited substance warranty.....	9
8、Packing Specification.....	10
9、Antenna photo.....	11

3、Product drawing

REV.	Revise	Date			
A0	22-06-22				
<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> </tr> </table>			1	2	3
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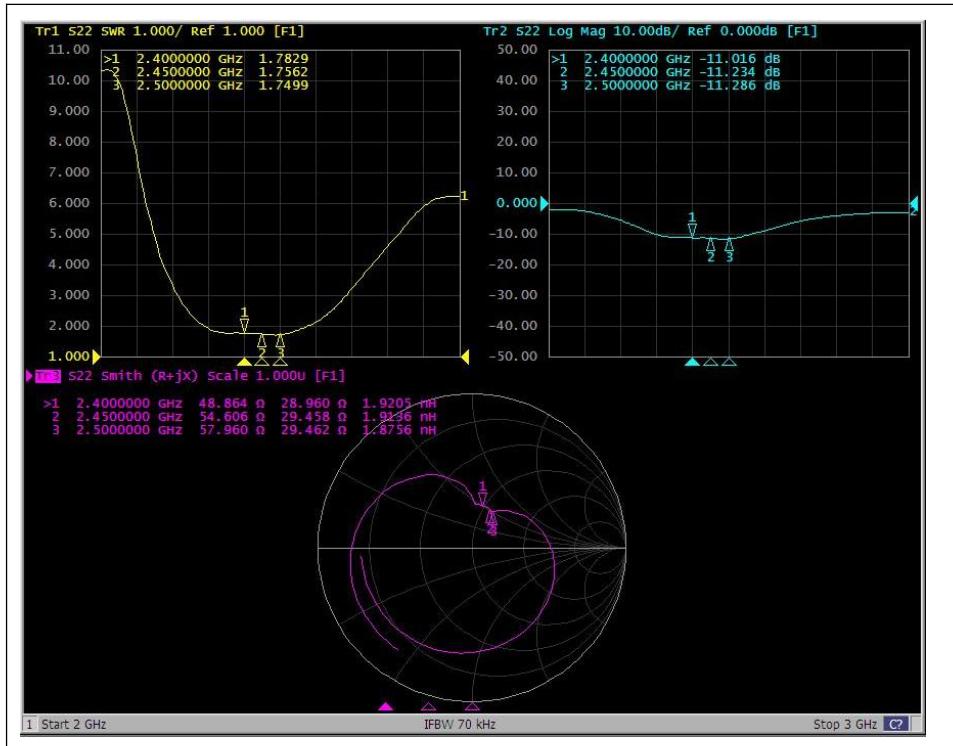
Form no. : B&T- qr-en-002 version: B3

4、Properties & parameter

Electrical Parameter	
Freq Range	2400~2500MHz
Characteristic Impedance	50 Ω
VSWR	sample of reference project
The Max input power	<10w
Polarization mode	Polar linearization
Radiation mode	Omni directional
Connector style	terminal
Mechanics Properties	
Length	110±3mm
Maintain the force	≥1kgf
Coaxial cable	Black 1.13 tin tin wire
Salt spray test	24H
Environment parameter	
Operating Temp	-30°C~65°C

5、Electrical test report (Complete machine)

S11 Parameter



Standing wave ratio data

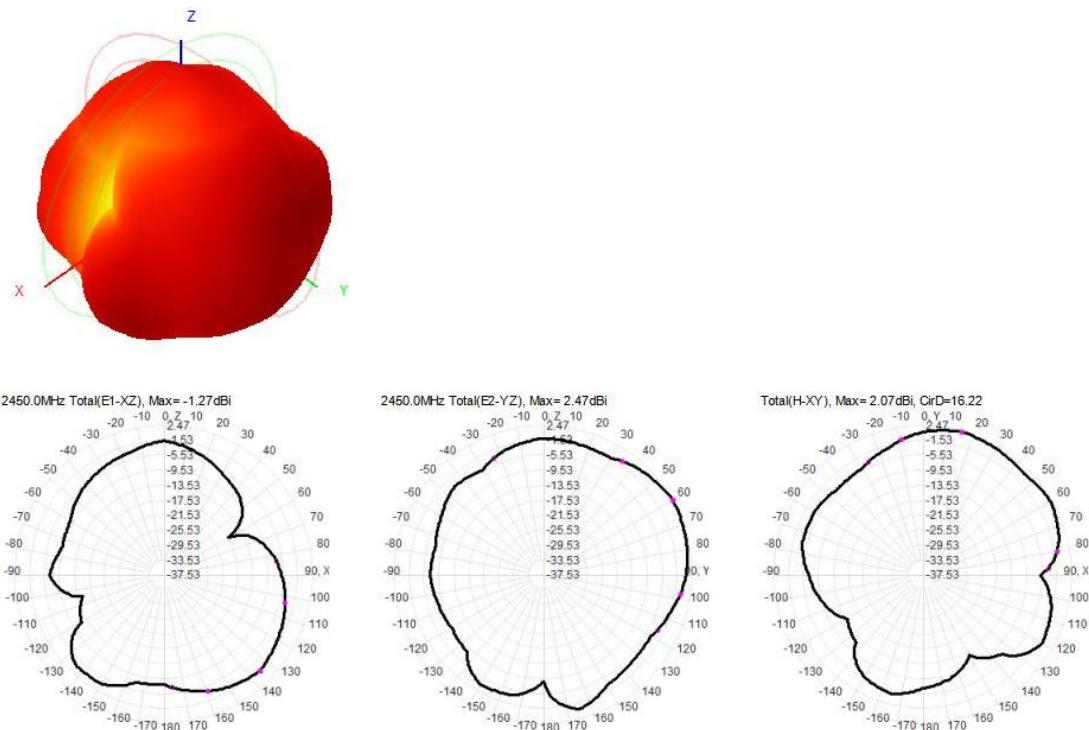
BT	1.78	1.75	1.74	--	--	--
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Efficiency&Gain

Frequen cy (MHz)	BT	
	Gain (dBi)	Efficiency (%)
2400	1.79	39.81
2410	1.78	41.80
2420	1.91	43.44
2430	2.14	44.71
2440	1.89	41.56
2450	2.47	46.57
2460	2.34	45.78
2470	2.28	46.35
2480	2.29	47.56
2490	2.14	45.91
2500	2.31	46.69

Radiation pattern

BT-2450MHz



6、Material composition and hazardous substances list

原材料清单																			
供应商名称: 中山市博安通通信技术有限公司				供应商授权代表: 袁进军				联系电话: 18998784314				日期: 2022.06.22							
Material Name (材料名称)	Raw Material Name (原材料名称)	Raw Material description (原材料描述)	Raw Material Supplier (原材料供应商)	Banned Substance Content/ppm (禁止物质含量/ppm)										Test Lab 检测机构	Test Report 检测报告	Test Report Number (检测报告号)	Test Date (测试日期)	Exempt from Clarification (豁免说明)	Remark (备注)
				Pb (铅)	Cd (镉)	Hg (汞)	Cr+6 (六价铬)	PBBs (聚溴化苯醚)	PBDEs (聚溴化乙基溴)	邻苯二甲酸二乙酯	邻苯二甲酸二丁酯	邻苯二甲酸二丁丁酯	邻苯二甲酸二丁酯						
内层天线- 2.4G-黑色 1.13端子- 1代端子- L=110mm- FPC- 38.5x10.2m m	1.13端子	镀锡铜线	微波透	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 CANEC2113747201	2021/7/30	N		
		FEP	微波透	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 NGBML2200124301	2022/1/27	N		
		黑色FEP	微波透	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 NGBML2104809205	#####	N		
	端子	CS210	彩类	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 CANEC2201952007	2022/2/18	N		
		镀镍	彩类	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CTI	 A2210394436101002	2021/9/22	N		
		镀金	彩类	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	CTI	 A2210394436101001	2021/9/22	N		
	FFC	PI	潜水机	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 SHAEC2202460504	2022/2/21	N		
		黑油墨	潜水机	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 ETR21805816	2021/9/6	N		
		OSP	潜水机	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	EMTE K1化测	 DGC2110111006MC02	2021/10/4	N		
		3MB471	潜水机	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	SGS	 SHAEC2118730101	2021/9/4	N		
以下空白																			

说明: 所填材料必须是均质材料, 即具有一致组成的材料, 或者多种材料组成的不能通过旋开、切割、破碎、研磨、摩擦等机械手段拆分成不同材料的材料

声明: 上述所提供之视源电子科技有限公司的材料环保信息真实、可靠, 我司愿意承担所有因违约而导致贵司遭受的经济损失和法律责任。

7、Prohibited substance warranty

禁用物质保证(Certification of Restricted Substance)

我方保证所提供的物料，完全遵守签核的广州视源电子科技股份有限公司/或其子公司的质量和环保协议中的各项条款，物料中禁用物含量，符合最新版《有害物质管理规范》中的各项标准。

We hereby certify that all the Material fully conform to the requirements of the ShiRuan/or its affiliated companies Declaration of Conformity that had been signed, and the maximum concentration value of restricted substance in Materials comply with the latest 《Regulations on the management of hazardous substances.》



PACKING CRITERION

P/N: 74220088

Spec.: Built-in antenna- 2.4G- black 1.13 tin wire-1 generation terminal- L=110mm-FPC-38.5×10.2mm

一、 contents of label(according to the customer's name, refer to the corresponding finished product label production requirements. If there is no requirement, it will follow the ordinary label requirements.)

Label for PE bag/ carton, L:10cm;W:6cm

buyer	*****		
vender	Zhongshan B&T Communication Technology Co., Ltd. Sichuan B&T Communication Technology Co., Ltd.		
Purchase No	*****		
Material No.	*****		
Part name	*****	QC	**
Q'ty/Unit	*****	Manufacture date	****.**.*
Trace code	*****	Running water number	*****

Label for PE bag/ carton, L:10cm;W:6cm

buyer	*****		
vender	Zhongshan B&T Communication Technology Co., Ltd. Sichuan B&T Communication Technology Co., Ltd.		
Purchase No	*****		
Material No.	*****		
Part name	*****	QC	**
Q'ty/Unit	*****	Manufacture date	****.**.*
Trace code	*****	Running water number	*****

二、Packing requirement

Operating description:

1. inner packing:

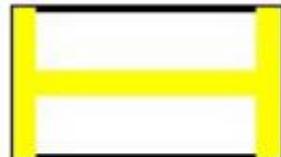
50 PCS/ small bag,

200 PCS/ big bag



2. outer packing:

Quantity according to actual packing PCS/carton



Carton



Notice:

9、Antenna installation diagram

