



中山市博安通通信技术有限公司

ZHONGSHAN B&T TECHNOLOGY Co.,Ltd

零件规格承认书

Approval Specification

正式 / 条件

类型: Type: 2.4 / 5.8G Internal antenna

范例 R3 代码: R3 Code: 850292352

范例图号: Part Number: TX-DM200BD113Y63M\$TX-DM200BD113B63M

发行日期 Issued Date: 2023.09.20

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核准 Approval by	审核 Check by	撰写 Prepared by
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长虹确认			
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Project :Y202104090061/2

Date. 2023.09.20

REV: A2

Antenna SPEC

Customer name: 广东长虹

Customer project: 长虹电视系

Part Number: 850292352

B&T P/N: AG-041533-2215

Spec.: 2.4 / 5.8G Internal antenna(shrapnel 30 × 11 × 5.2)-Black
line 1.13-terminal, see line length 185mm

Sealed by corporation:

compilation	ver if y	approval
Huangfe i hui	Tanhai	Guanning

Sealed by customer:

check	verify	approval

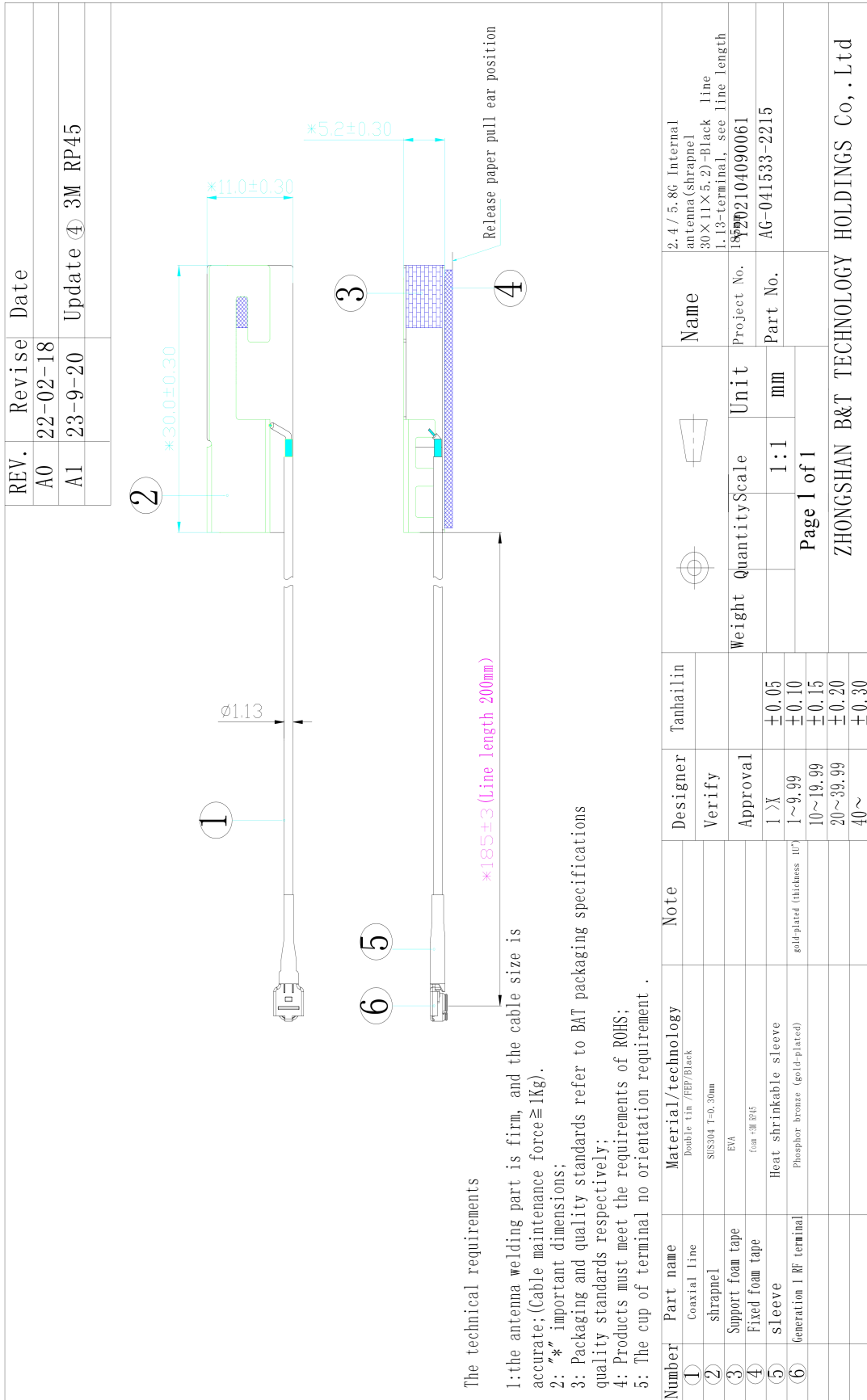
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Contents

1、 Cover	1
2、 Index of specification	3
3、 Product drawing	4
4、 Electrical Parameter	5
5、 Electrical test report	6-8
6、 Packing Specification	9

3、Product drawing

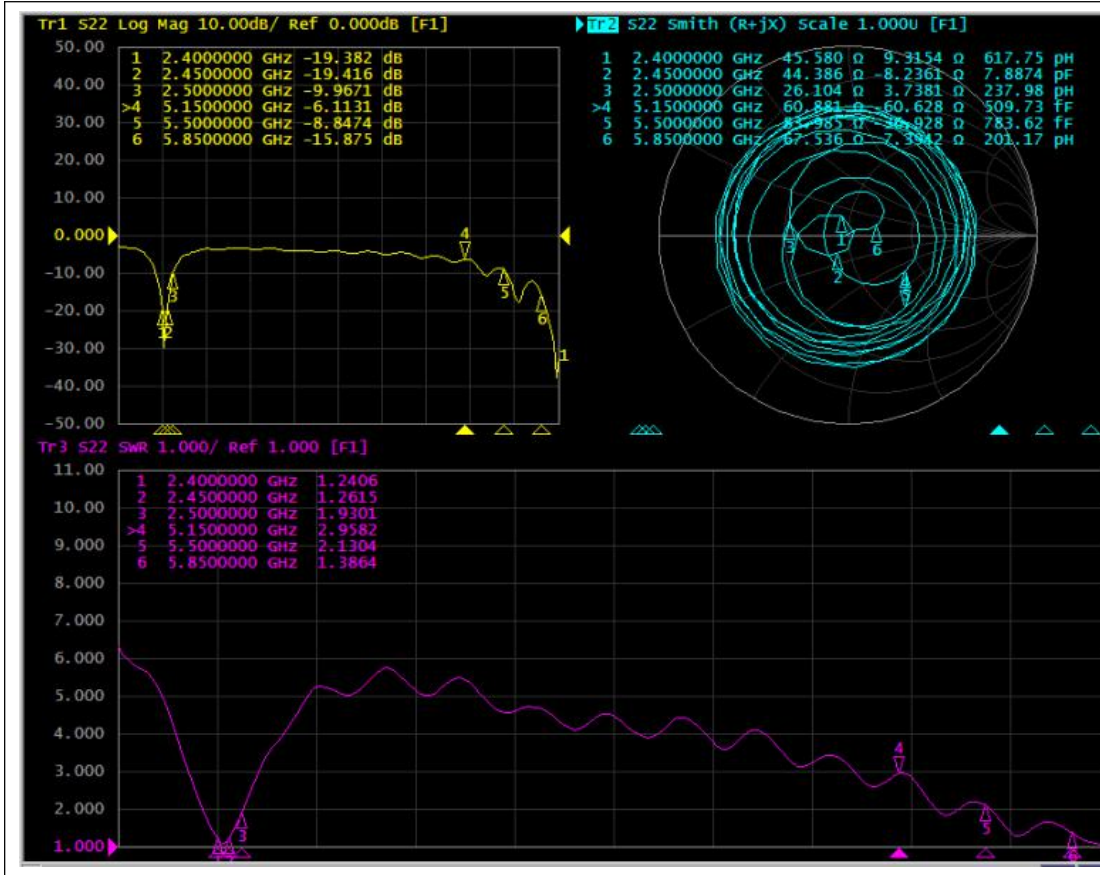


4、Properties & parameter

Electrical Parameter		
Freq Range	2400~2500MHz/5150-5850MHz	
Characteristic Impedance	50 Ω	
VSWR	sample of reference project	
Max gain	2.4G	2.18dBi
	5.8G	4.33dBi
The Max input power	<10w	
Polarization mode	Polar linearization	
Radiation mode	Omni directional	
Antenna Type	PIFA	
Connector style	IPEX terminal	
Mechanics Properties		
Length	See line length 185±3mm/Bus line length200±3mm	
Maintain the force	≥1Kgf	
Coaxial cable	Black1.13 double tin wire	
Salt spray test	24H	
Environment parameter		
Operating Temp	-30℃~65℃	

5、Electrical test report

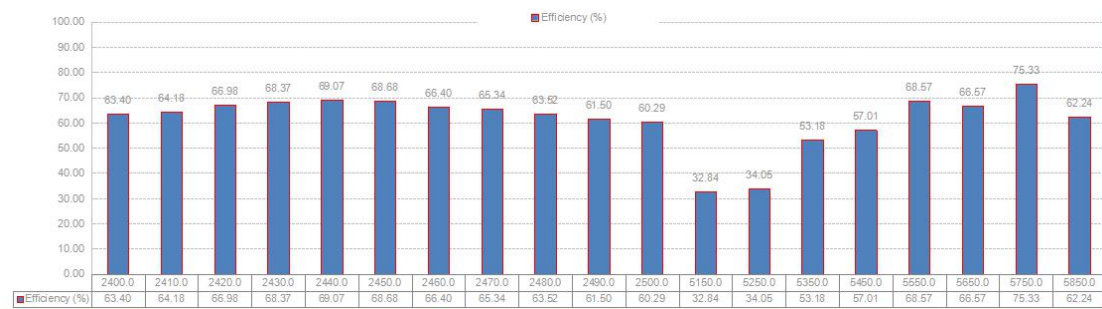
S11 Parameter



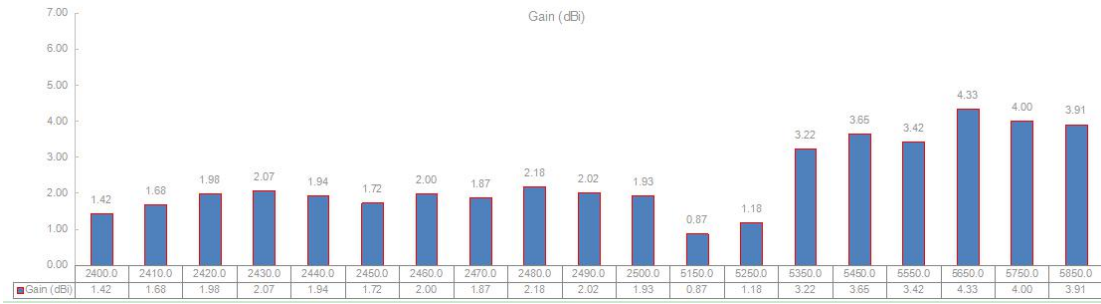
Electrical Performance Test Parameter Table

Freq/MHz	2400	2450	2500	5150	5500	5850
VSWR	1.2	1.2	1.9	2.9	2.1	1.3

Efficiency

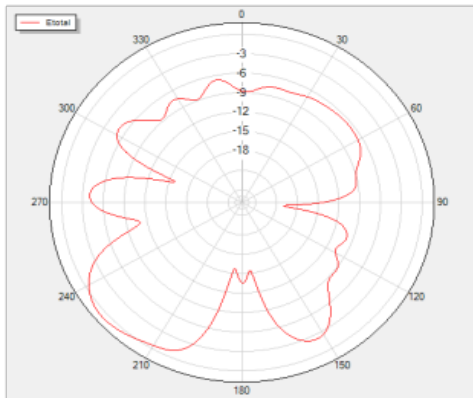


Gain

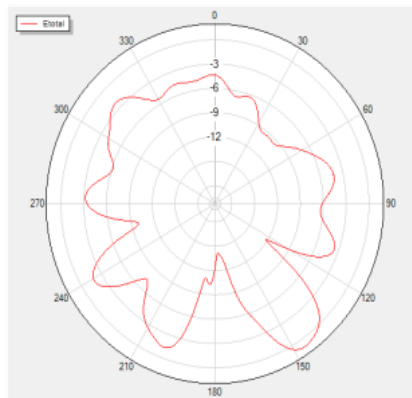


Radiation pattern

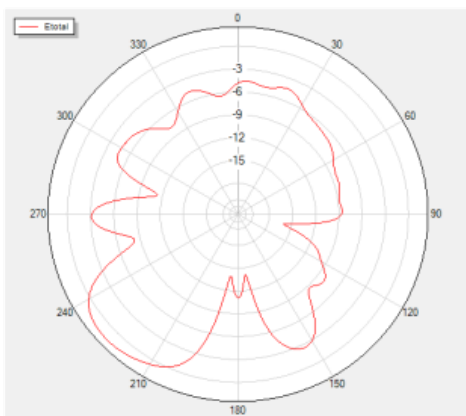
Phi=0 Freq=2400MHz



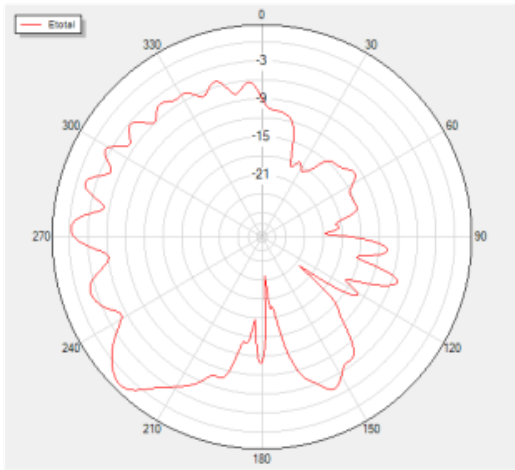
Phi=90 Freq=2450MHz



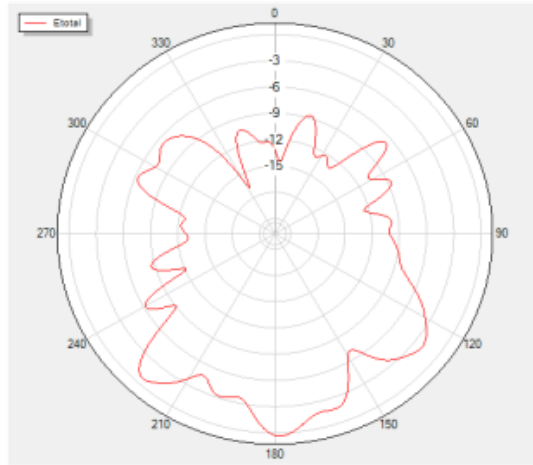
Phi=0 Freq=2500MHz



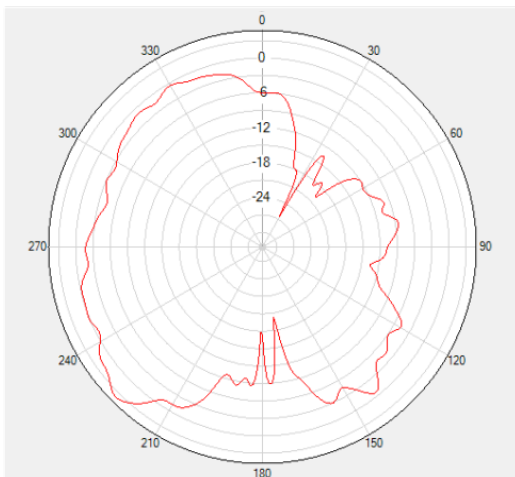
Phi=0 Freq=5140MHz



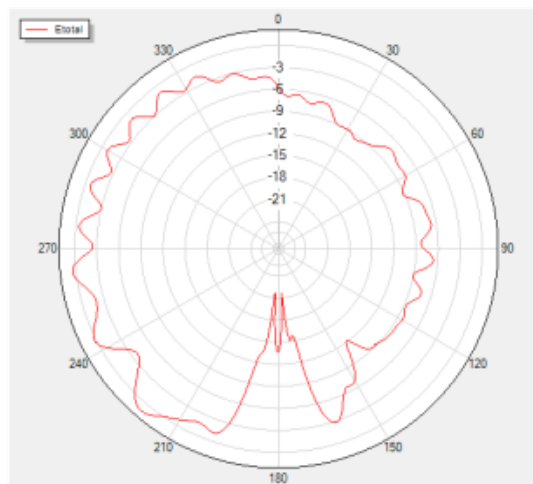
Theta=90 Freq=5350MHz



Phi=90 Freq=5650MHz



Phi=0 Freq=5850MHz



PACKING CRITERION

P/N: AG-041533-2214

Spec.: 2.4 / 5.8G Internal antenna(shrapnel 30 × 11 × 5.2)-Black line 1.13-terminal, see line length 185mm

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 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 TECHNOLOGY Co,.Ltd		
Purchase No	*****		
Material No.	*****		
Part name	*****	QC	**
Q'ty/Unit	*****	Manufacture date	****.***
Trace code	*****	Running water number	*****

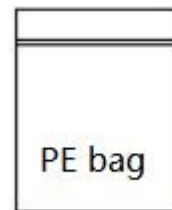
二、 Packing requirement

Operating description:

1. inner packing:

20 PCS/ small bag,

100 PCS/ big bag



2. outer packing:

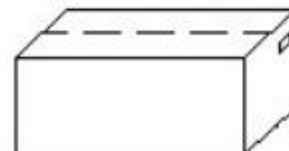
2000PCS /carton



包装承认书多项物料20220629.doc



Carton



Notice: