

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A1)

CUSTOMER(客户名称)	高盛达	
CS P/N(客户机种)	WCT5R	
PART NAME(品名)	BT 天线	
FREQUENCY(频率)	2400-2500MHz	
ZTX NO.(物料编号)	1.01.01187	G.5.13.WCT5RBTXXX
DATE(日期)	2020-12-21	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

ZHONG TIAN XUN TECHNOLOGY CO., LTD				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		邹一麟	赵烽	



深圳市中天迅通信科技股份有限公司

SHENZHEN ZHONGTIAN XUN Communication Technology Co.,Ltd.

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ANTENNA SPECIFICATION

CUS P/N :WCT5R BT 天线
ZTX P/N :WCT5R BT 天线

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Revision history

版本	日期	状态
A1	2020-12-21	首版



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1. Mechanical Specification 1-1 Mechanical Configuration(BT 天线)



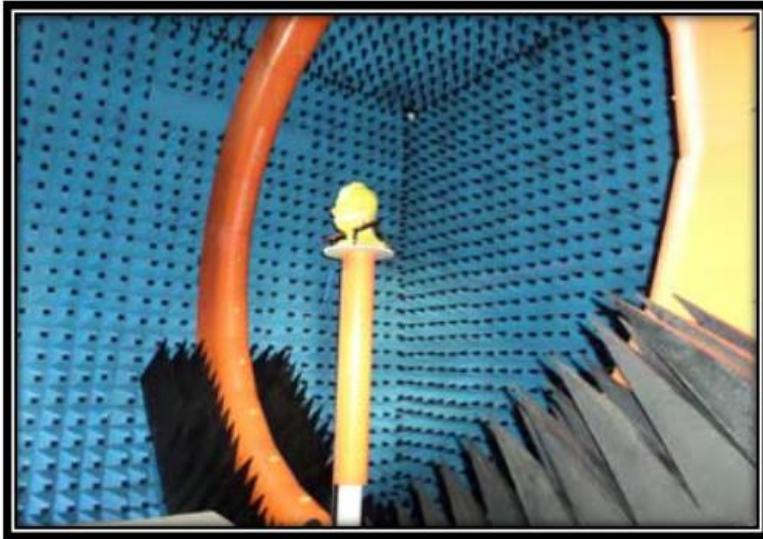
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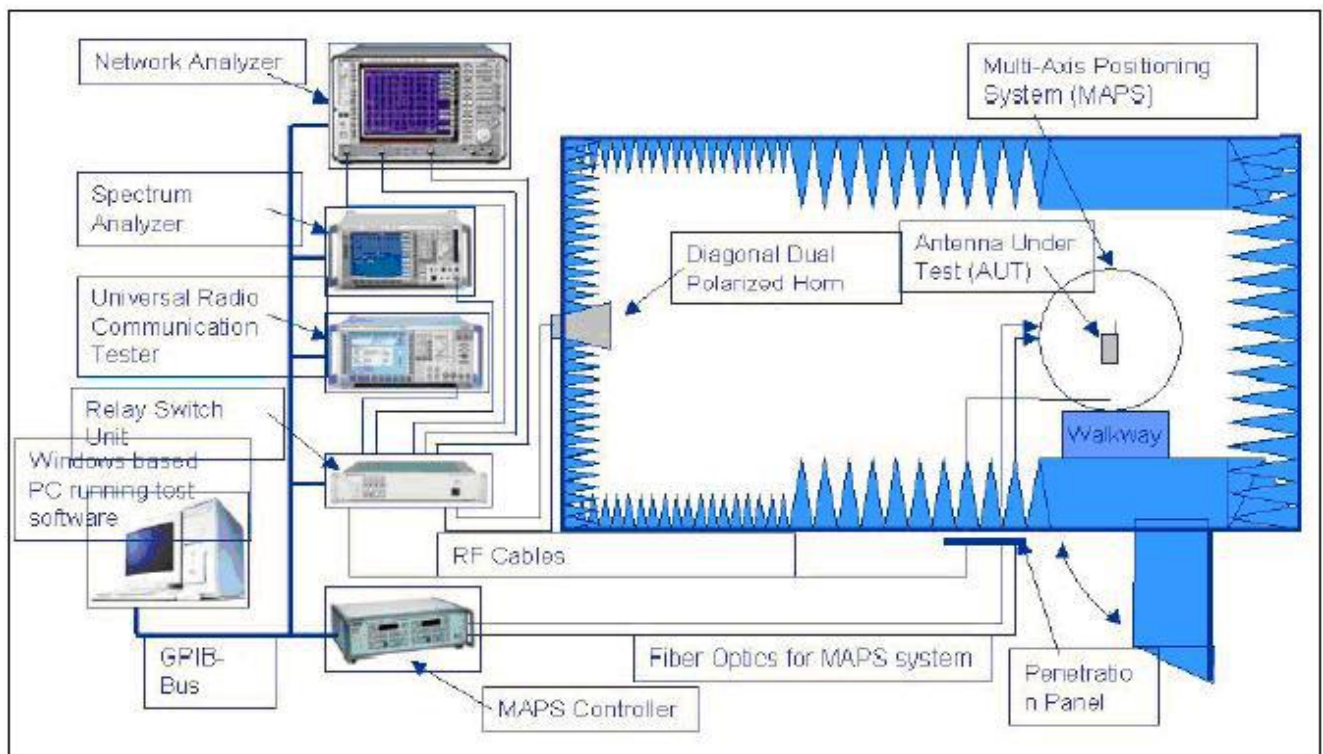
2. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CITA standards.

Testing range:

Support active, passive testing of
GSM/CDMA/WCDMA/TD-
SCDMA/LTE/WIFI/WLAN/WiMax/BT
/GPS/MIMO/UWB within 0.4-6G.



ANTENNA SPECIFICATION

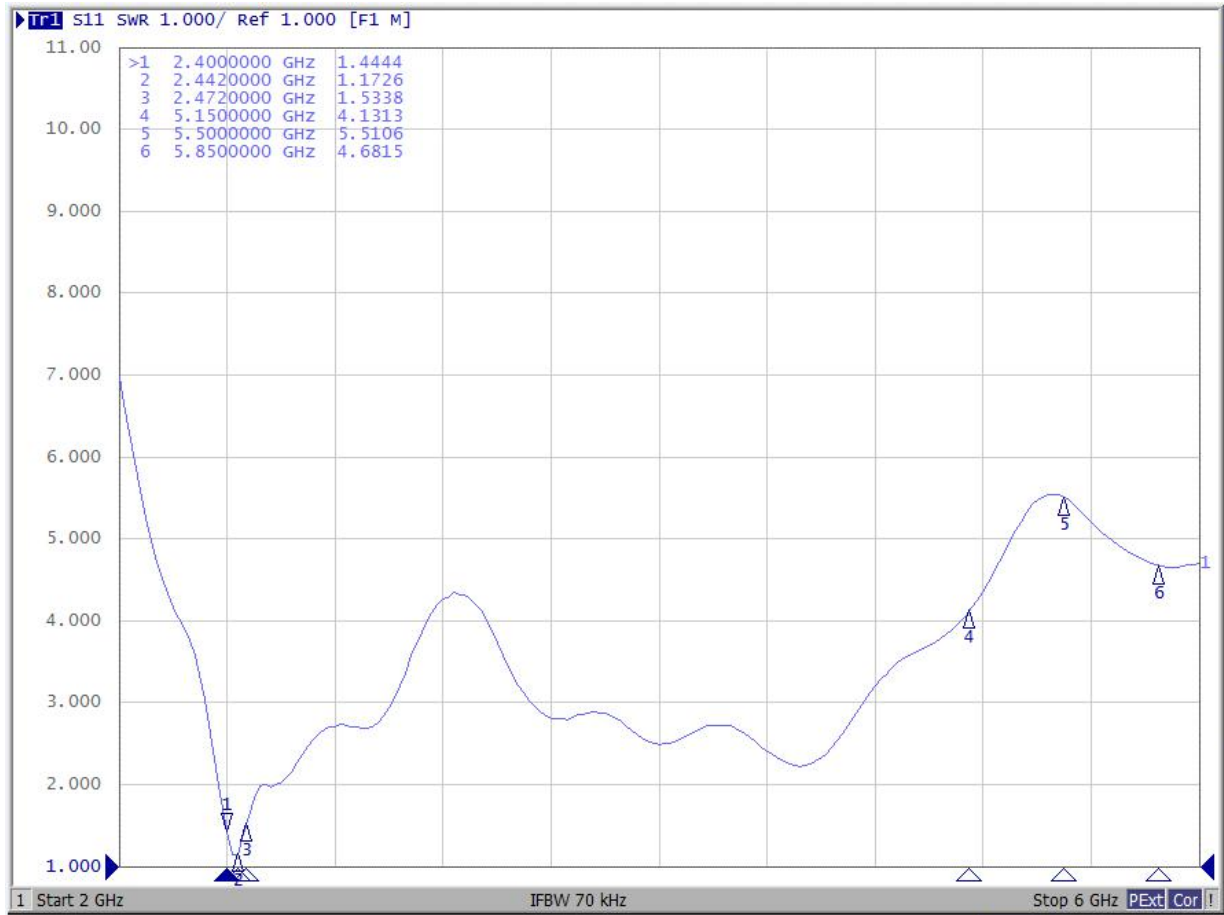
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3.Antenna test data

3-1 VSWR



3-2 Matching circuit

N/A

3-3 No-source test data

Frequency	Peak Gain	Efficiency	
		%	dB
Mhz	dB		
2400	3.61	43.55	-3.61
2410	3.81	43.29	-3.64
2420	3.96	43.36	-3.63
2430	4.01	43.81	-3.58
2440	3.62	40.50	-3.93
2450	3.16	37.20	-4.29
2460	2.22	31.57	-5.01
2470	2.09	30.10	-5.21
2480	1.47	26.96	-5.69
2490	1.09	25.79	-5.89
2500	1.27	23.68	-6.26



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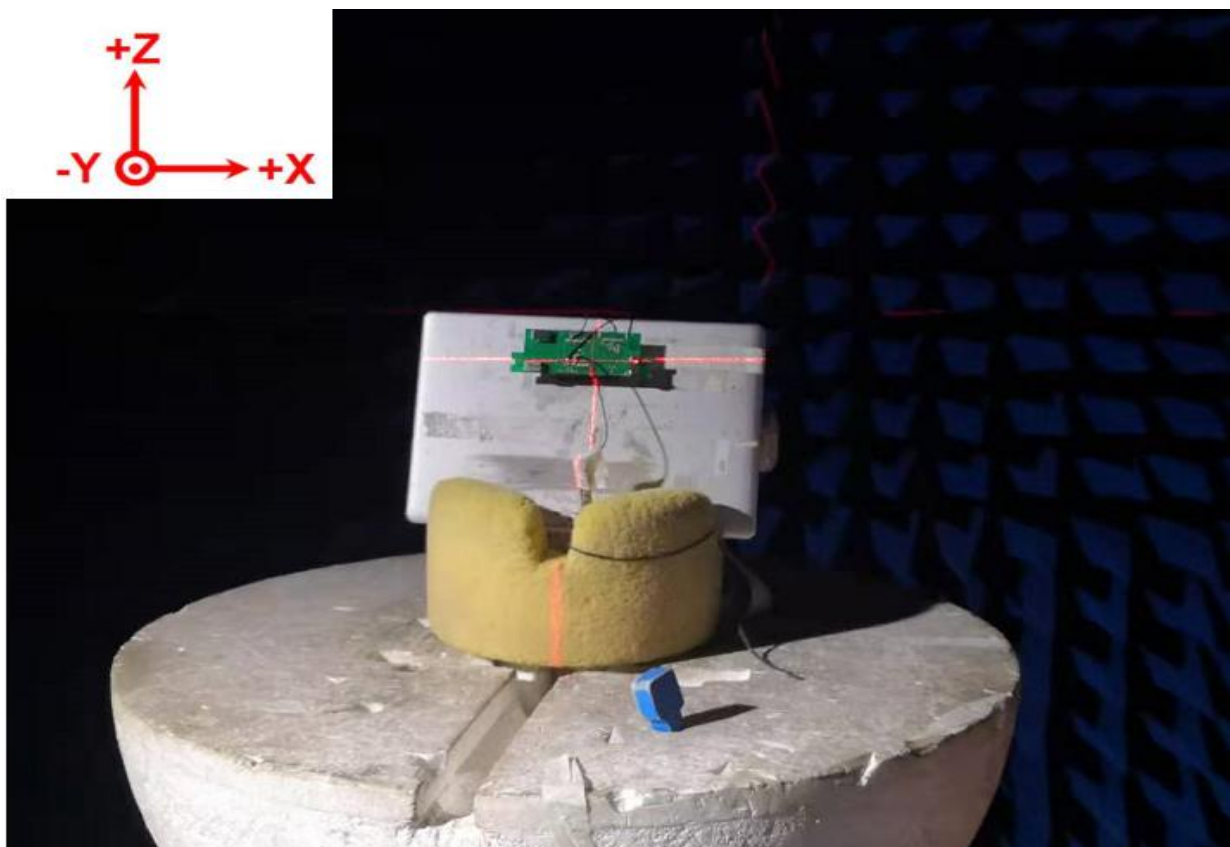
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3-4 Environmental treatment

模块距离金属背板17mm，模块不接地



3-5 Directional drawing of horizontal plane of



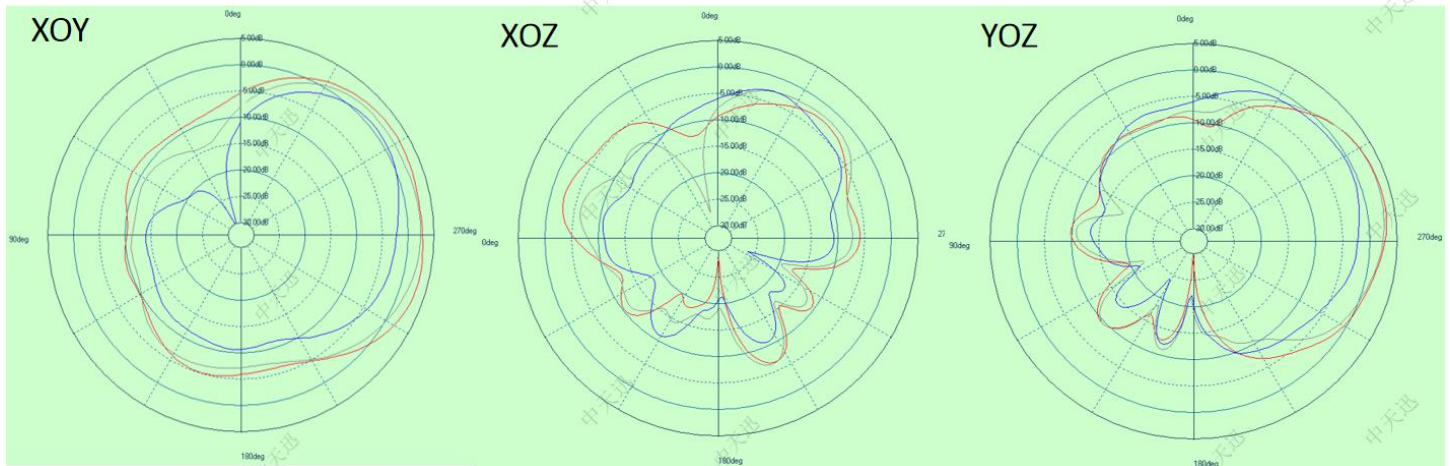
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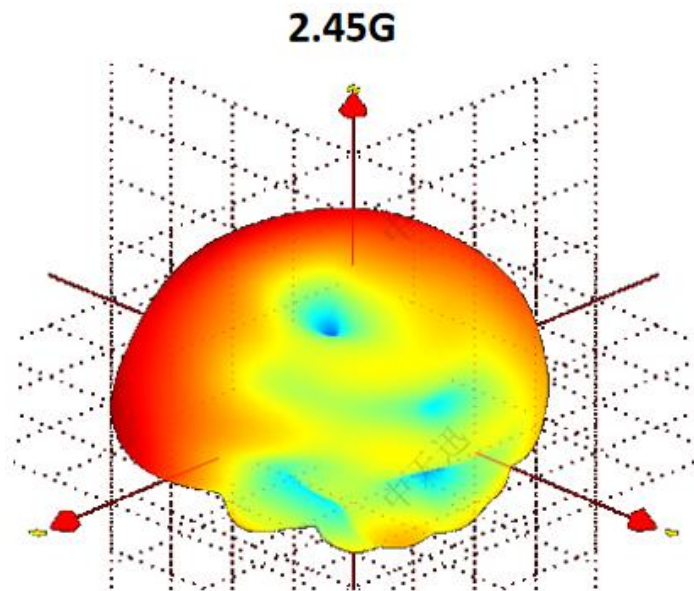
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2.4G



3-6 3D radiation drawing



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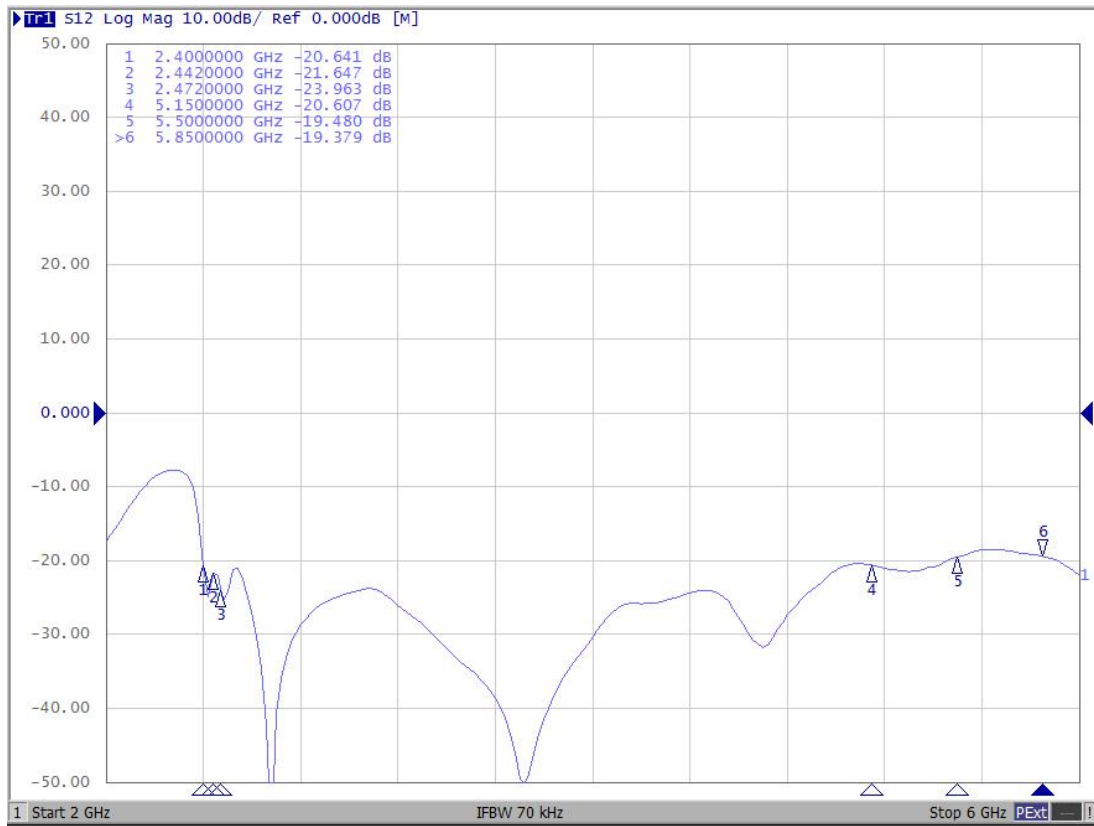
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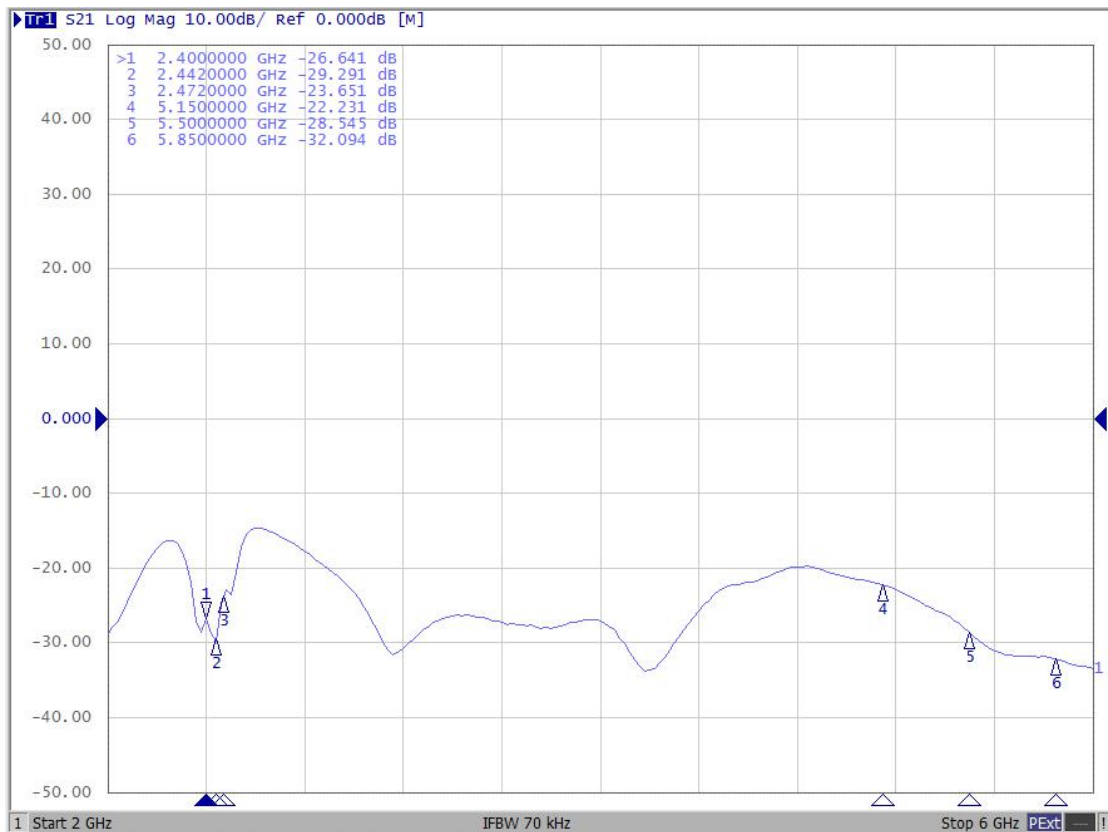
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3-7 Insulation

WIFI-1&WIFI-2



WIFI-1&BT



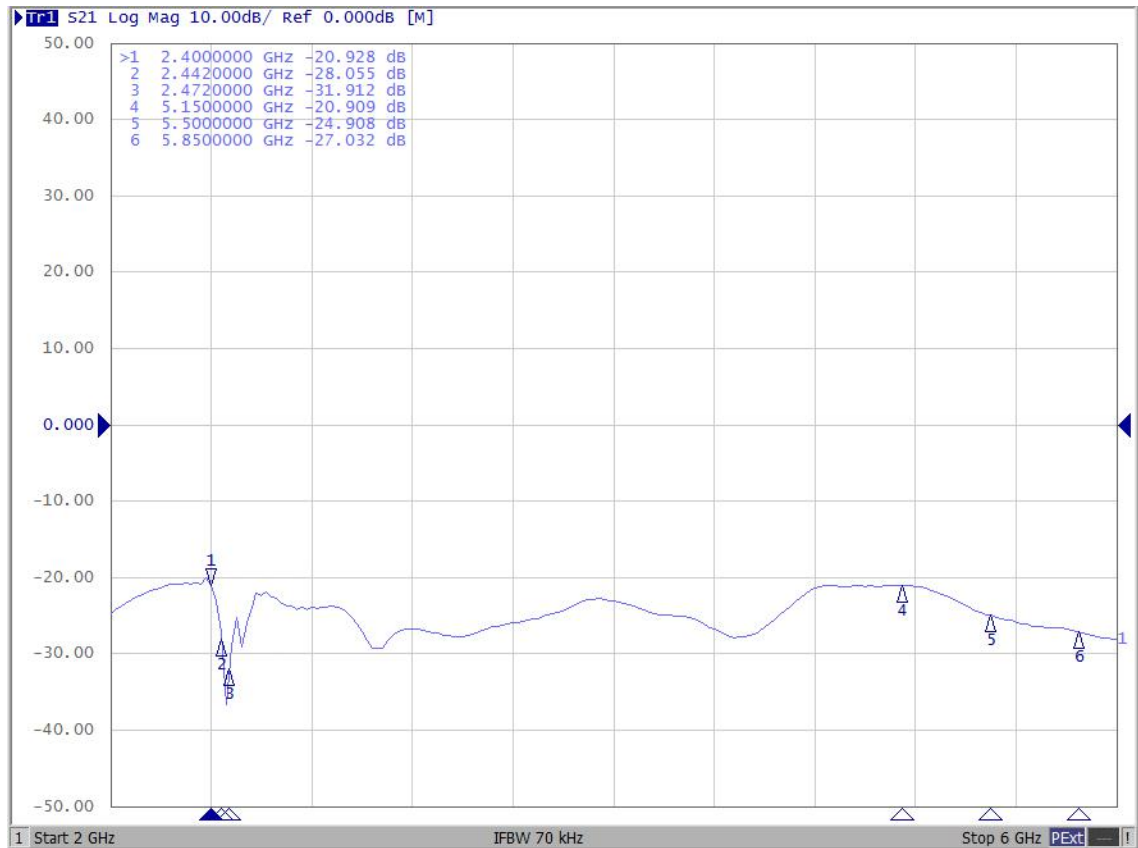
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WIFI-2&BT



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4. Environment Characteristic

NO.	ITEM	TEST CONDITION	SPECIFICATION
4-1	High Temperature/Humidity Storage Test(non operating)	1.Temperature: $+80 \pm 2^{\circ}\text{C}$ 2.Humidity: 90~95%RH 3.Time: 48hrs	No material deformation is allowed.
4-2	Low Temperature/Humidity Storage Test(non operating)	1.Temperature: $-30 \pm 2^{\circ}\text{C}$ 2.Humidity: 0%RH 3.Time:48hrs	The VSWR, Gain, Radiation Pattern must be met specifications after these test.

5.Material list

序号	材料（原料） 名称	第三方公证化学报告 测试编号	第三方公证化学 报告测试单位	第三方公证化 学报告测试日 期	状态	文档
1	SUS304(镍)	SZXEC2000531103	SGS	2020-04-08	有效	 SUS304(镍) SZXEC20005311C



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6.The packing way

深圳市中天迅通信科技股份有限公司
SHENZHEN ZHONGTIAN XUN Communication Technology Co., Ltd.

包装规范

产品名称	产品型号	文件编号	版本	工序序号/名称	工序工时	日产量
BT天线	WCT5R	ZTX-QD-WI	A1	包装/装箱	/	/
作业方法（自检验该工序作合格品后，方能流入下一道工序） 图1：载带包装 图2：500pcs/盘 图4：贴外箱标签、封箱 图3：装箱 注意事项： 注意标签有无贴错，漏贴，箱子有无破损						

物料名称

用量

物料编码

使用工具

防静电编带	14		
纸箱	1		
标签	/		

修订内容

修正日期

修订人

新制定	2020/12/21	龙秋霖
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审核

易爱玲

品质确认

胡春梅

批准

包丽平

制订

包丽平

龙秋霖

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PN: G. 5. 13. WCT5RBTXXX	
LOT NO: 1205-2006120022	
	Date Code: 201221
REEL NO: 201004420122190001	VENDOR: ZTX
PART DESC: WCT5R BT天线	QTY: 800
深圳市中天迅通信科技股份有限公司	

	
PN: G. 5. 13. WCT5RBTXXX	
LOT NO: 1205-2006120022	
	Date Code: 201221
REEL NO: 201004420122190001	VENDOR: ZTX
PART DESC: WCT5R BT天线	QTY: 11200
深圳市中天迅通信科技股份有限公司	

