

Shenzhen Saiwei Communication Technology Co.,LTD

Antenna test report

customer name:JinHongda
project name:3310
report time:20250417

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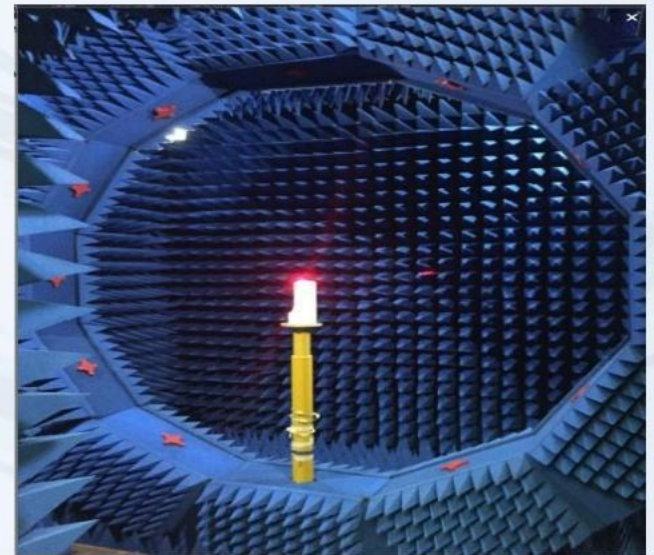
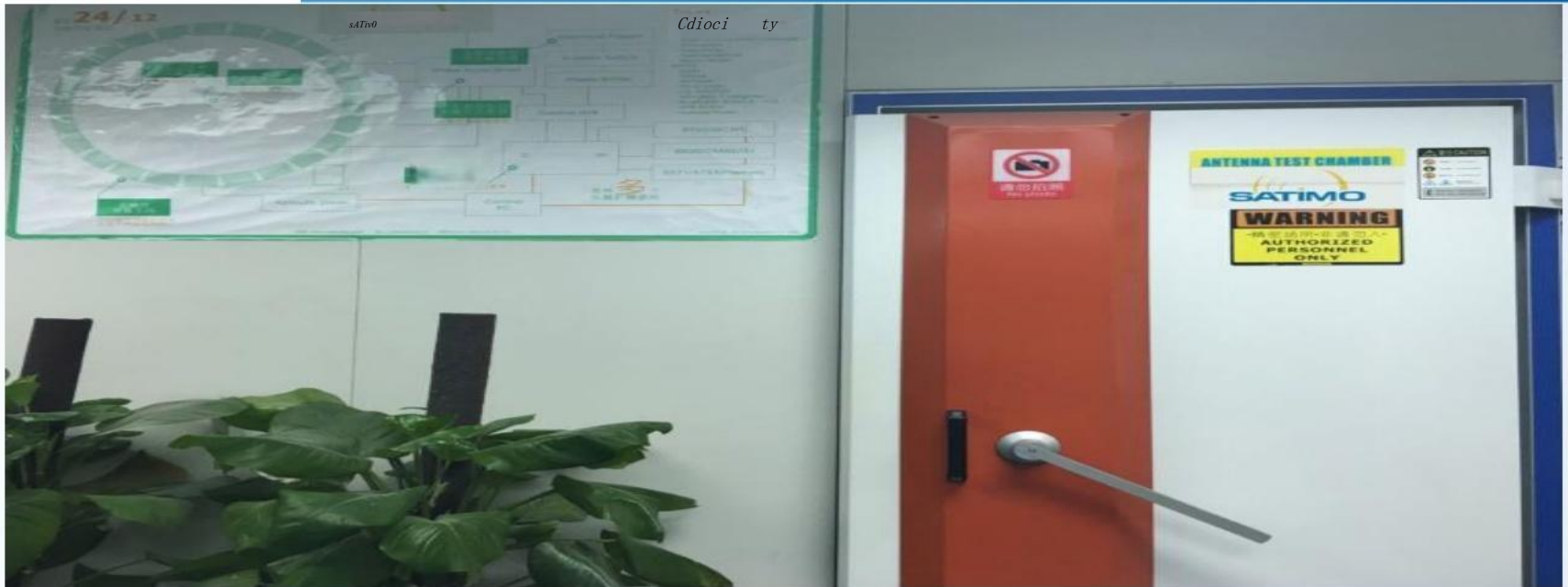
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Version	Date	Content overview
V1	20250417	Data Report



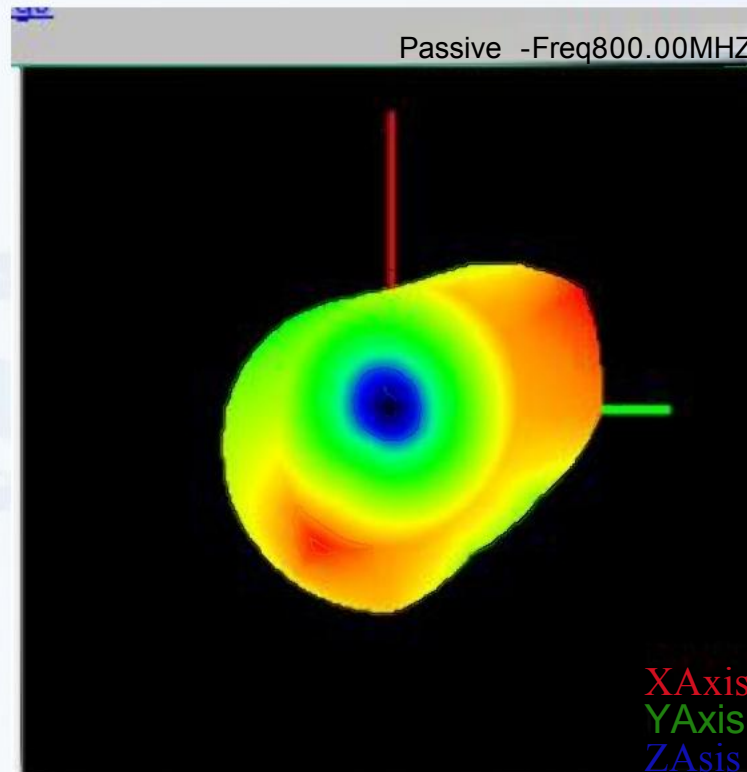
2G	Channel	MAX (dBm)	MAX (dBm)	GAIN (dbi)
850	128	24.5		0.4
	192	25.6		
	251	25.7	-103.2	
900		27.8		0.9
	62	28.1		
	124	28.6	-102.1	
1800	512	29.3		1.2
	698	30.5		
	885	30.7	-104.4	
1900	512	30.1		1.1
	661	29.7		
	810	28.8	-104.3	

Main
chart

antenna

apple

diagramApple

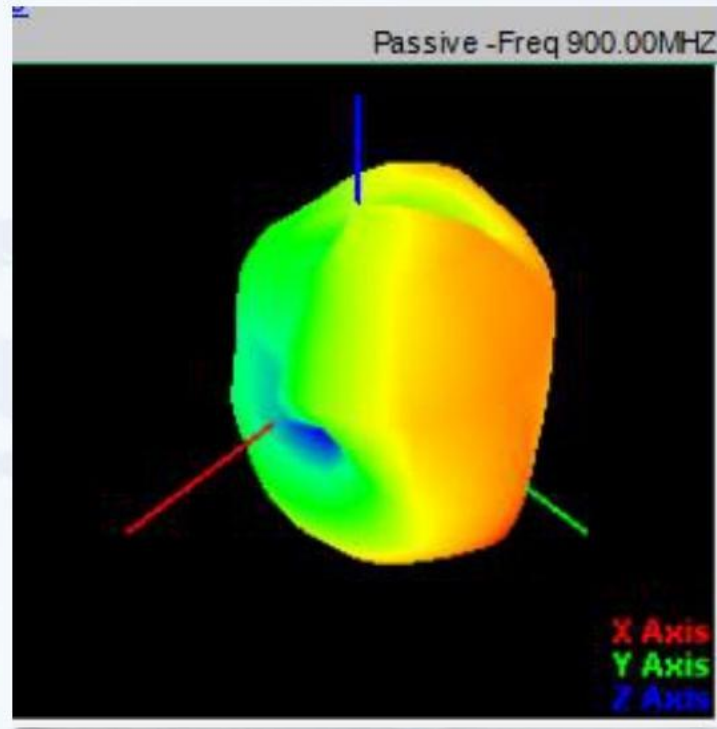


Main
chart

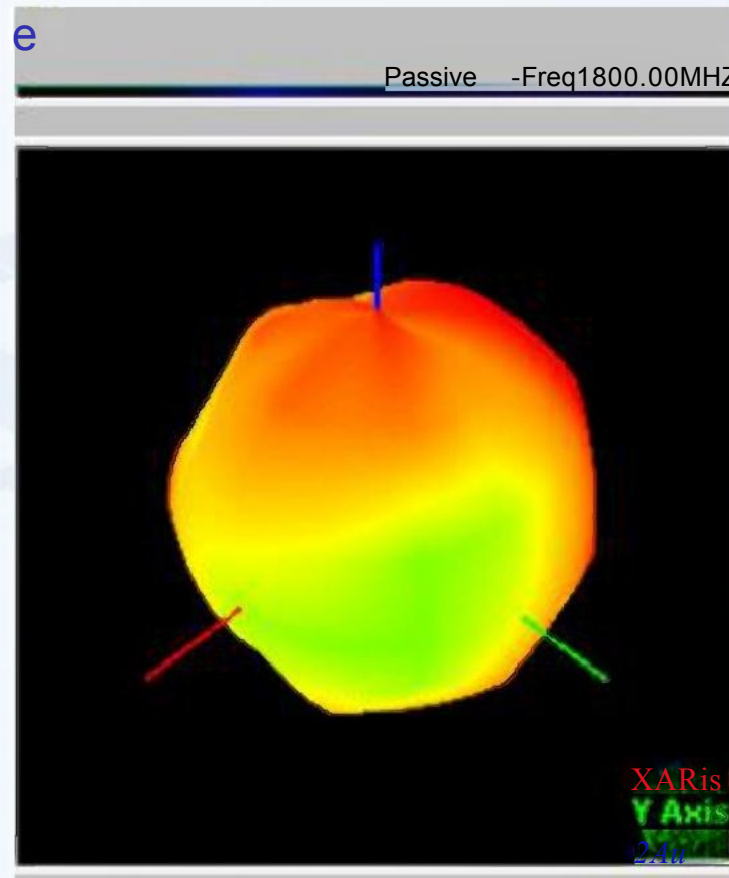
antenna

apple

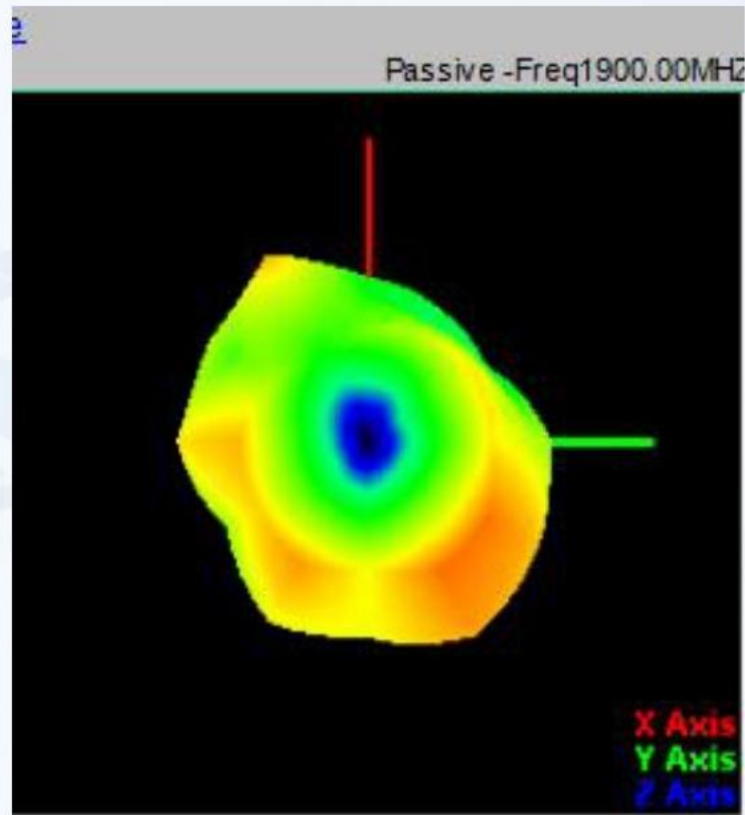
diagramApple



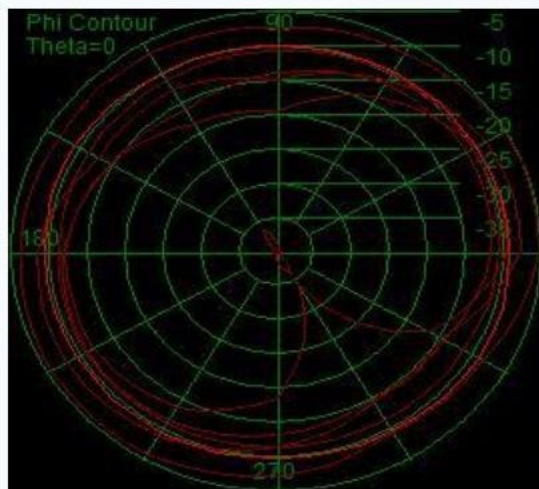
Main antenna apple diagramApple chart



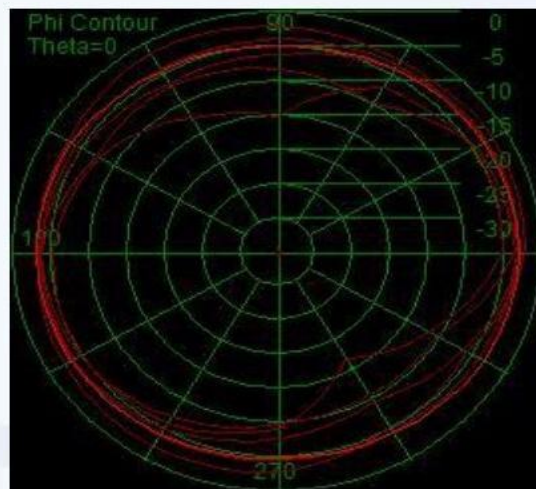
Main antenna apple diagramApple chart



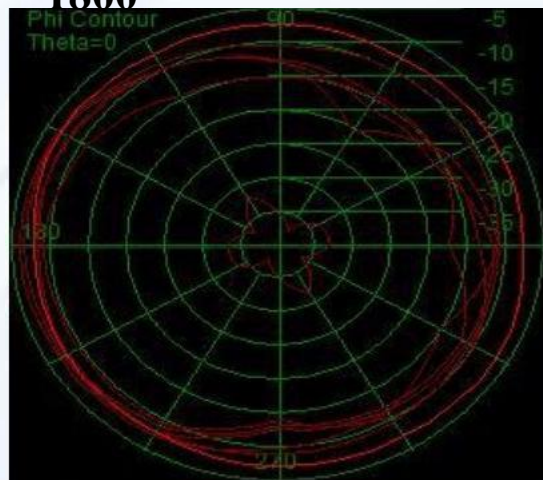
850



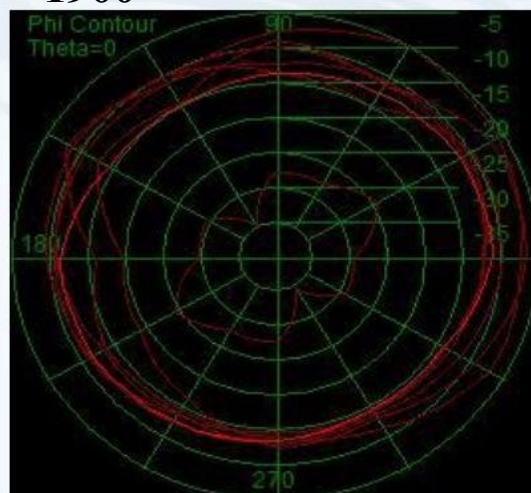
900



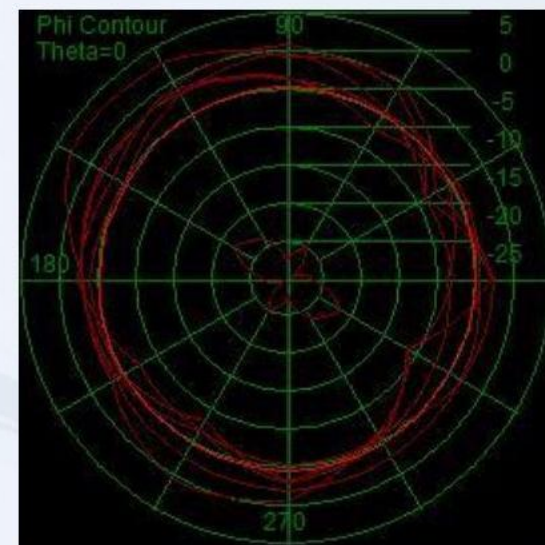
1800



1900



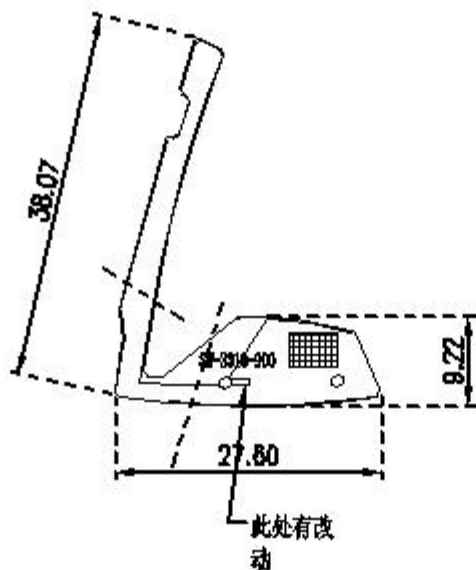
BT



BT

Freq. (MHz)	2400	2410	2420	2430	2440	2450	2480	2470	2480	2490	2500
Gain	-2.75	-2.76	-2.70	-2.56	-2.46	-1.99	-1.80	-1.90	-1.92	-2.00	-1.93
Effi (%)	14.7	14.7	14.8	14.5	4.8	15.7	15.2	15.9	5.2	15.8	16.8

GSM Antenna



注:

1. 背胶采用3M 9471 300LSE, 粘性在300mm以上, 背胶外形与基材一致, 贴在基材背面, 背胶做半剖;
2. 材料单面胶, 半对半基材, 柔韧性要好;
3. 产品弯曲后呈180°折弯表面无裂纹现象, 柔韧性要好;
4. 金手指表面能抛0.5"2μ, 不可有氧化现象, 以铜箔连接处, 经180°折弯之后无裂纹, 不导电现象;
5. 走线及孔精度公差范围: ±0.02mm, 外形尺寸公差控制在0.1mm以内;
6. 打★号为严得控制尺寸, 标注*为重要尺寸, 未标注尺寸按GB电子图档1:1量取;
7. 表面印字, 具体内容及位置见图;
8. 所未拿模样, 需要切磨好外形之后, 在进样到我司。



微细区

7.1



蚀刻区

7.2



离型纸手撕位

7.3

7.4

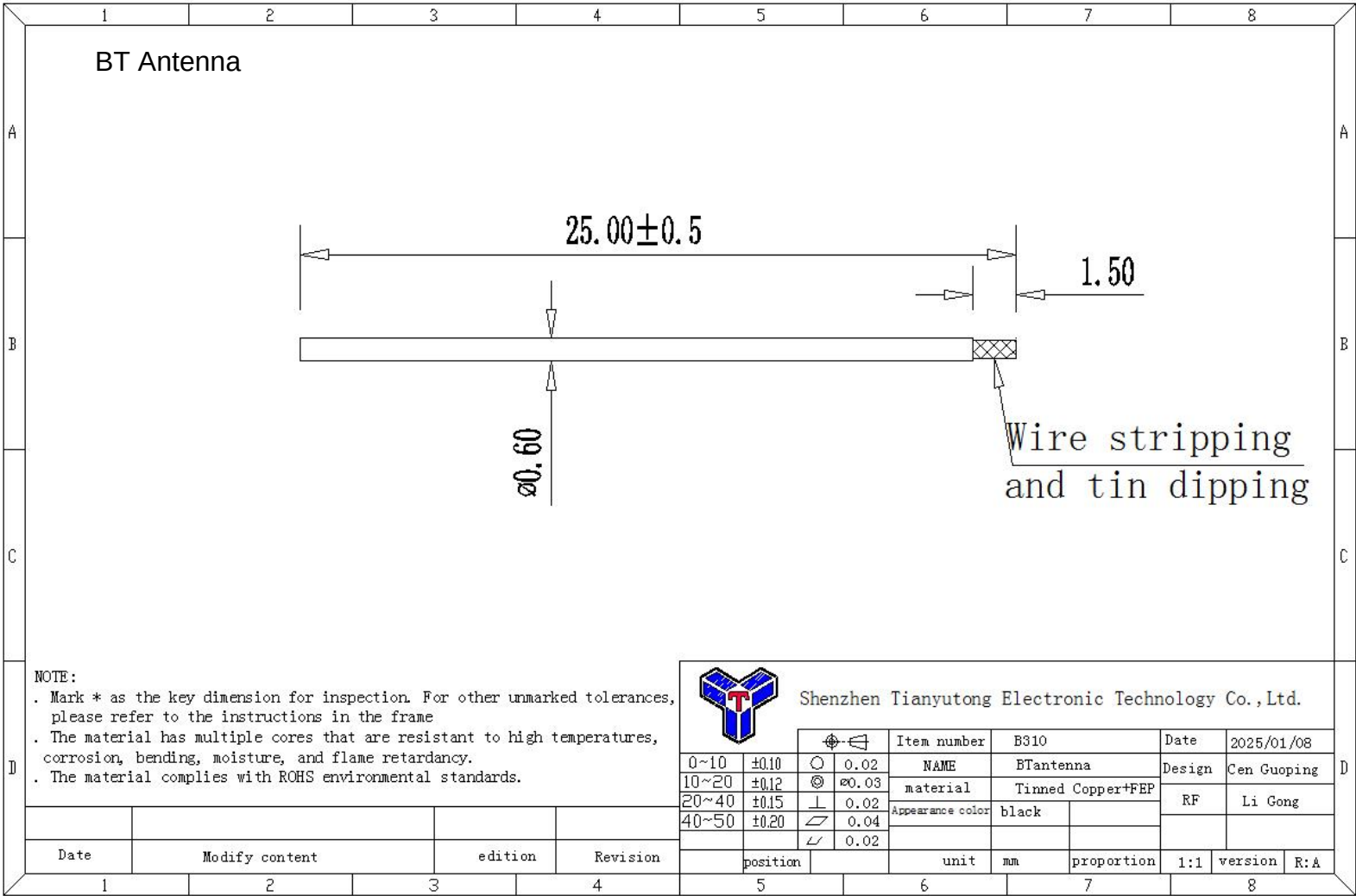
7.5

7.6

深圳市赛维通讯科技有限公司

第三角法				规格	日期	2020-5-16	设计	审核	日期	1 of 2
0~10	±0.10	○	0.02	品名	GSM天线		设计	审核	日期	
10~20	±0.12	⊙	0.03	料号	SP10-3310-900-F					
20~40	±0.15	⊕	0.02	料号	FPC-330473					
40~	±0.20	⊖	0.04	表面处理						
		∠	0.08	表面处理						
首和次制图线				位置						
				外圈处理						
				单位						
				比例						
				比例						
				版本						
				版本						

No.	Layer	Description (Thickness)	Manufacturer MP/N
1	背胶	300LSEMP (12 μm)	九江新来克斯
2	基材	RTM-800P (10 μm)	夏力
3	印油	Cu (20 μm) + Pt (12.5 μm)	鹏盛





Please carefully confirm whether the matching circuit mentioned in the report has been modified and whether the environmental processing has been imported, as this will directly affect the antenna performance.

△ The parameters provided in this report are only those given by the client for the debugging of our prototype machine and do not represent the final mass production status of your project.

△ Should your company have the latest prototype or updated status (material change, software update, environmental processing change, etc.), please deliver it to our company for verification as soon as possible to confirm whether the antenna performance is affected.

△ Should your company need to send equipment for retesting to a third party or for testing by a client, please 务必 entrust the testing confirmation to our company. This is because factors such as the consistency of the motherboard, the uniformity of assembly, and differences in antenna assembly can all potentially lead to deviations in antenna parameters.

THANKS!

