



东莞市顶益通讯科技有限公司
Dong-guan TopGain Communication Technology Co.,Ltd.

	5G ANT1	
料号 Part No.	19340100047 ZL-PCB45-X65C1	
材质 Material	FR4/RG137cable	
客户回签/The customer sign back	编制日期/Date:	2022. 08. 29
审核/Checked:	设计/Design By:	江鸿富
批准/Approved:	审核/Checked By:	王睦冲

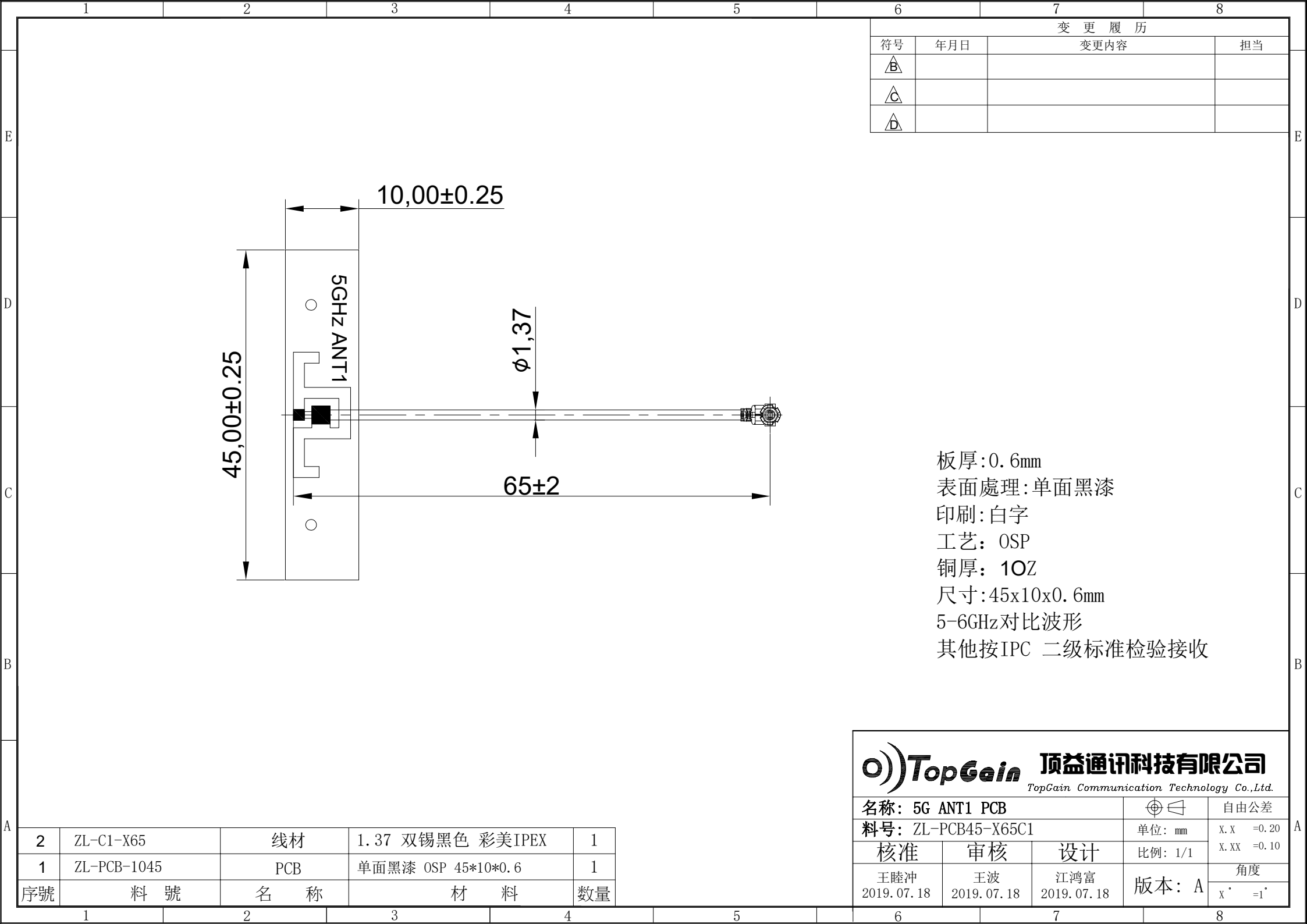


东莞市顶益通讯科技有限公司

Dong-guan TopGain Communication Technology Co.,Ltd.

规格

A. Electrical Characteristics	
阻抗	50 Ohm
频率范围	5.15-5.85GHz
VSWR	2.0Max
B. Material & Mechanical Characteristics	
辐射方向	全向
极化方式	垂直
线材规格	1.37 黑色 L=65mm
接头型号	IPEX
颜色	黑色
C. Environmental	
工作温度	- 20 °C ~ + 70 °C
储存温度	- 40 °C ~ + 80 °C



变 更 履 历			
符号	年月日	变更内容	担当
△ <u>B</u>			
△ <u>C</u>			
△ <u>D</u>			

板厚:0.6mm
表面處理:单面黑漆
印刷:白字
工艺: OSP
铜厚: 10Z
尺寸:45x10x0.6mm
5-6GHz对比波形
其他按IPC 二级标准检验接收

2	ZL-C1-X65	线材	1.37 双锡黑色 彩美IPEX	1
1	ZL-PCB-1045	PCB	单面黑漆 OSP 45*10*0.6	1
序號	料 號	名 称	材 料	数量



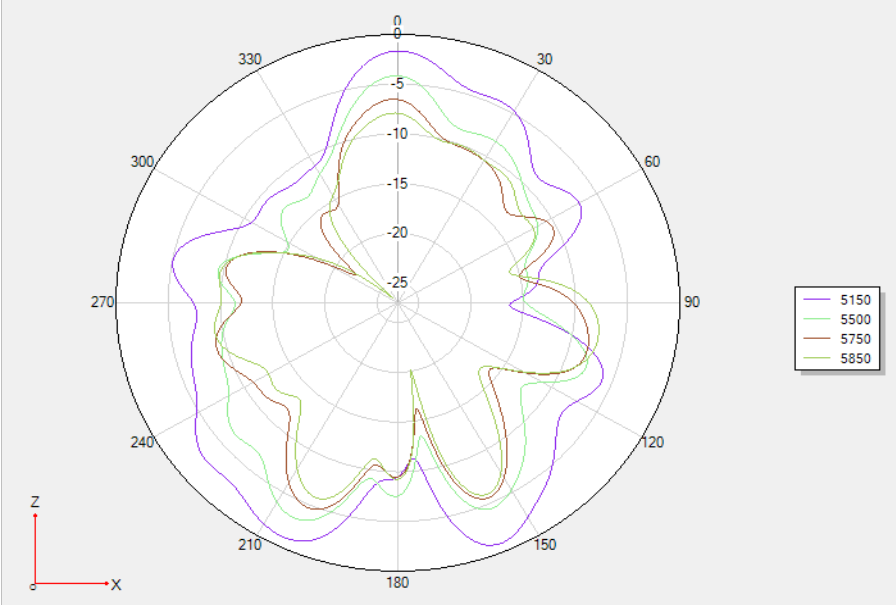
顶益通讯科技有限公司
TopGain Communication Technology Co.,Ltd.

名称: 5G ANT1 PCB				自由公差
料号: ZL-PCB45-X65C1			单位: mm	X.X =0.20 X.XX =0.10
核准	审核	设计	比例: 1/1	角度
王睦冲 2019.07.18	王波 2019.07.18	江鸿富 2019.07.18	版本: A	X° =1°

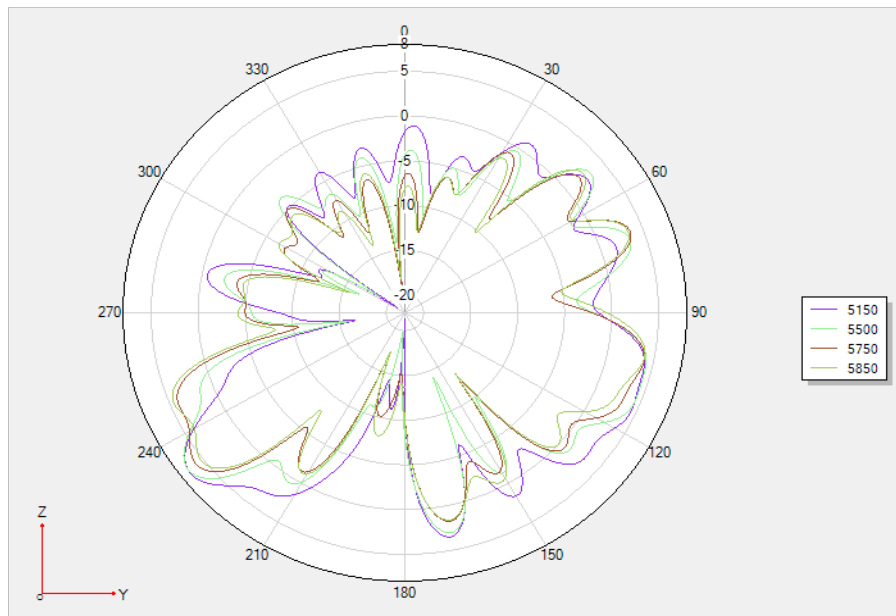
增益效率测试报告

Frequency / MHz	5150	5350	5550	5750	5850
Efficiency / %	66.07	57.28	53.83	43.15	40.46
Gain/ dB	7.09	7.27	7.28	6.03	5.47

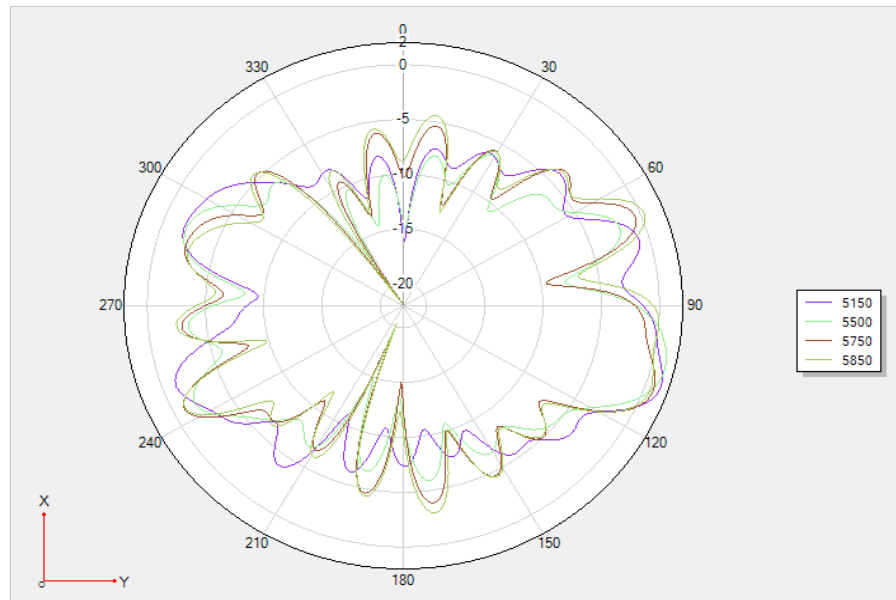
Phi 0 2D图



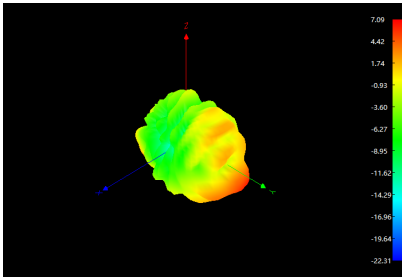
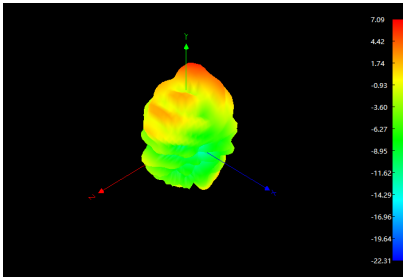
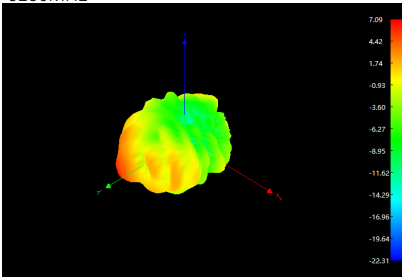
Phi 90 2D图



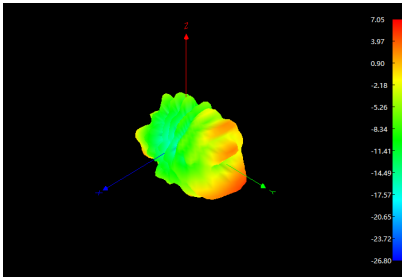
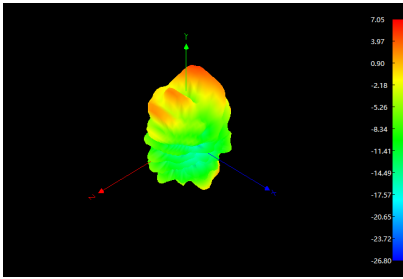
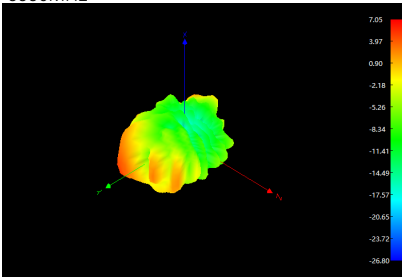
Theta 90 2D图



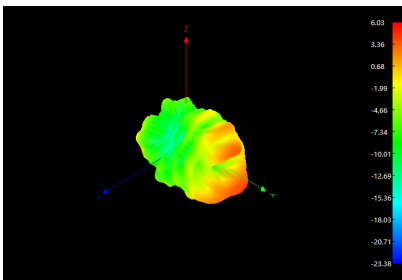
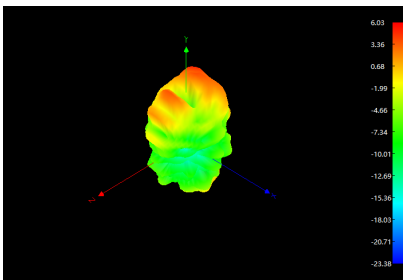
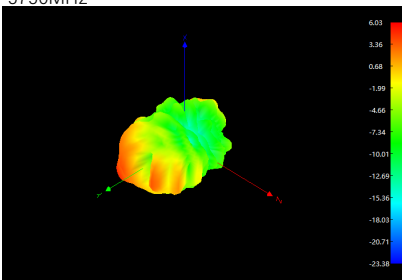
5150MHz



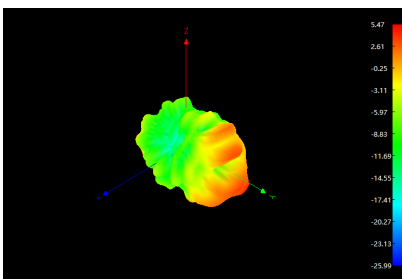
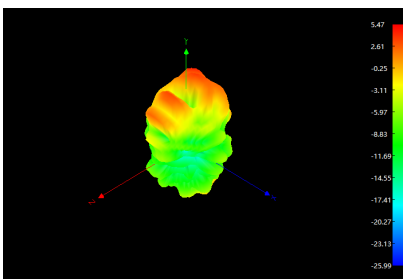
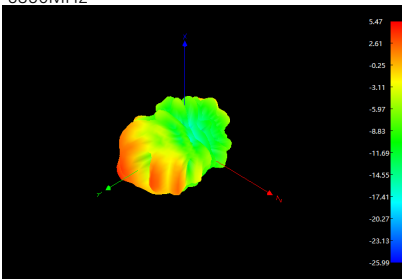
5550MHz



5750MHz



5850MHz



驻波比测试

