承认书

客户名称：　　微　网

产品名称：　外置天线

规格型号：5.8G 5dbi　杆套白色/出线 RG137 黑色 210mm+IPEX

客户机型：

客户料号:

本司料号：VW01-W020041

本司地址：东莞市松山湖园区科技二路 8 号一栋 2 单元 303 室　（中科创新广场 E 座）

送样日期：2022 年 5 月 6 日

本司确认：

检查	审核	批准
吴娟	徐志强	万以竞

客户确认：

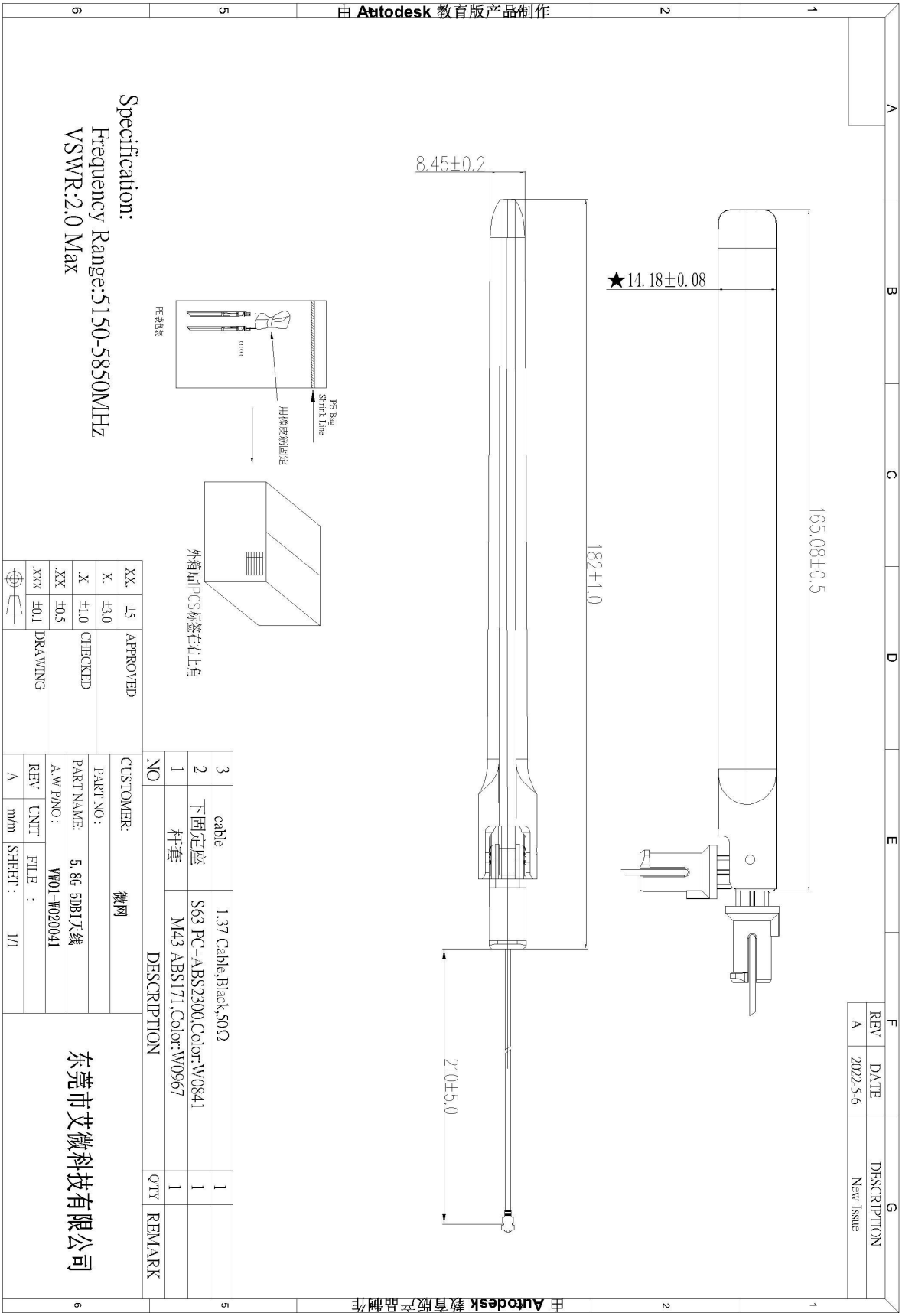
检查	审核	批准

1、规格表：

主要技术指标		Main technical specifications	
频率范围 (MHz)	5150~5850	Frequency Range (MHz)	5150~5850
特性阻抗(Ω)	50±5	Impedance(Ω)	50±5
增益(dBi)	5±0.5	Peak Gain(dBi)	5±0.5
输出电压驻波比	Max 2.0	VSWR	Max 2.0
最大功率	2W	Admitted Power	2W
极化方式	线性极化	Polarization	Linear Vertical
方向性	全向	Radiation	Omni-directional
连接方式	端子	Connector Type	MHF
物理性能		Physical Properties	
天线線材	1.37 黑色	Antenna cable	1.37 Black Cable
工作温度	-40℃~+60℃	Operating Temp	-40℃~+60℃
保存温度	-40℃~+60℃	Storage Temp	-40℃~+60℃

制造商：东莞市艾微科技有限公司
Manufacturer：Dongguan ivy technology co.,LTD.
地址：东莞市松山湖园区科技二路8号一栋2单元303室
Address：Room 303, Unit 2, Building 1, No. 8, Keji 2nd Road,
Songshan Lake Industrial Park, Dongguan City

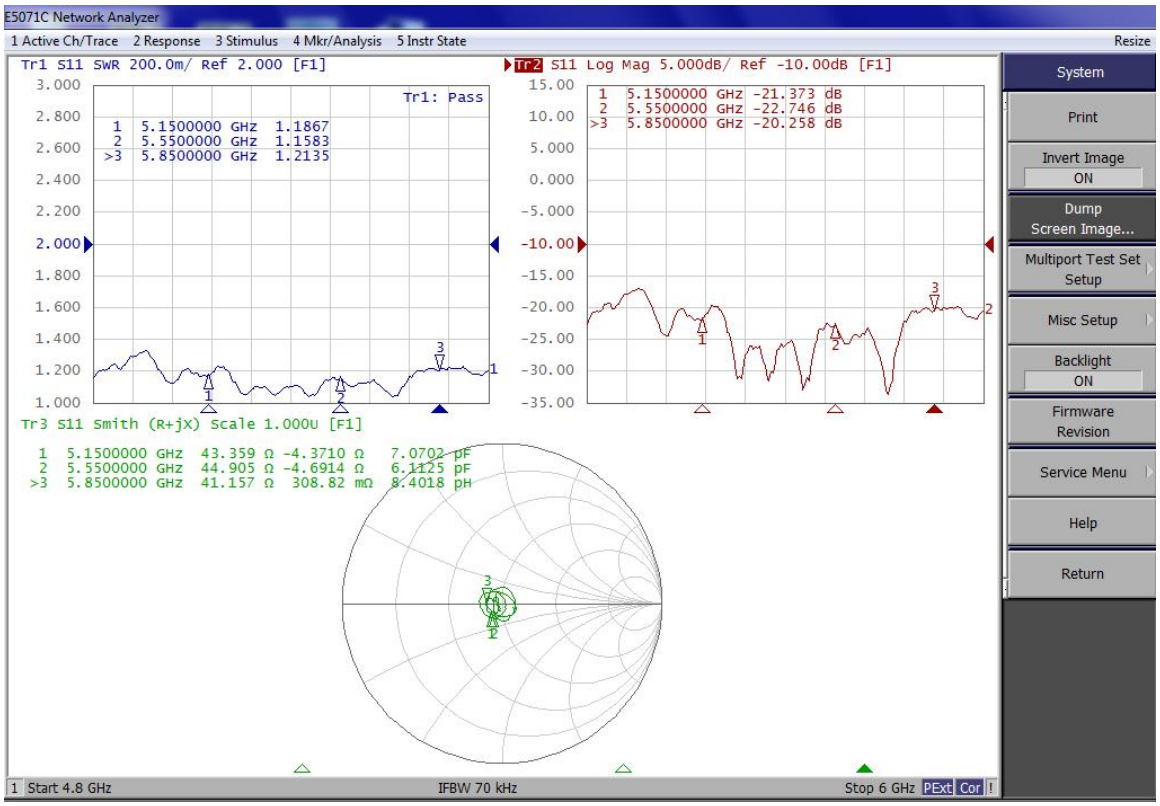
5G 产品图


由 Autodesk 教育版产品制作
165.08±0.5
★14.18±0.08
182±1.0
8.45±0.2
210±5.0
REV A
DATE 2022-5-6
DESCRIPTION New Issue
PE Bag
Shrink Line
用袋子固定
PE袋包装
外箱贴PCS标签在右上角
Specification:
Frequency Range:5150-5850MHz
VSWR:2.0 Max
3 cable 1.37 Cable,Black,50Ω 1
2 下固定座 S63 PC+ABS2300,Color:W0841 1
1 杆套 M43 ABS171,Color:W0967 1
NO DESCRIPTION QTY REMARK
XX. ±5 APPROVED
X. ±3.0
.X ±1.0 CHECKED
.XX ±0.5
.XXX ±0.1 DRAWING
CUSTOMER: 微网
PART NO :
PART NAME: 5.8G 5DBI天线
A.W P/NO : VW01-W020041
REV A
UNIT m/m
FILE :
SHEET : 1/1
东莞市艾微科技有限公司
由 Autodesk 教育版产品制作

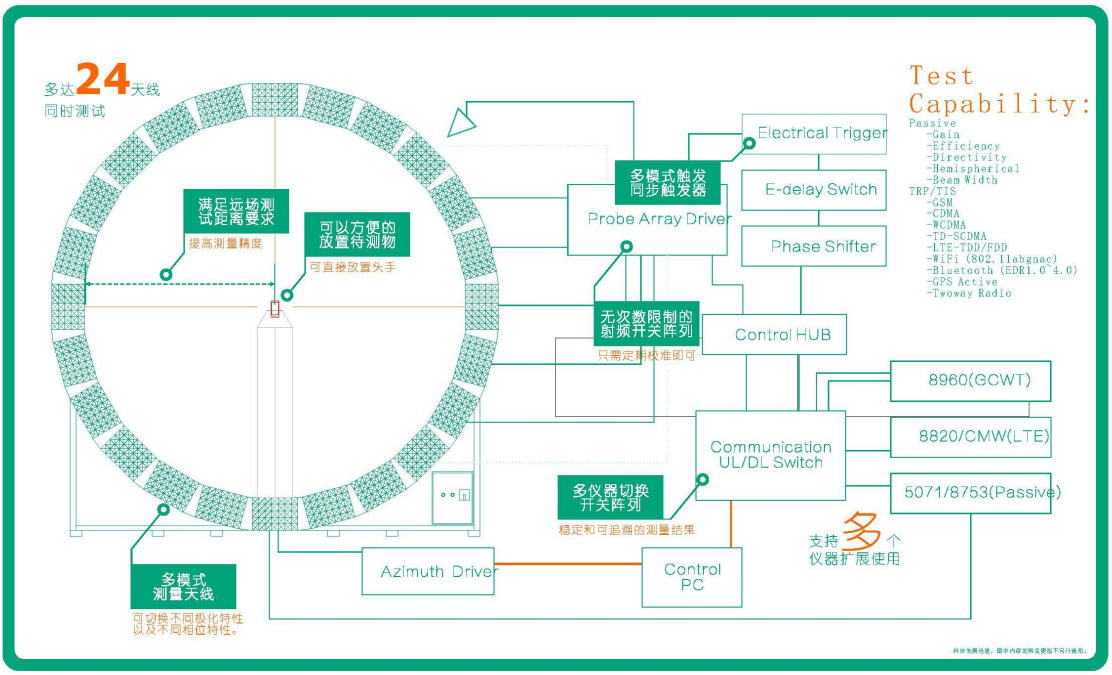
三、电测报告 Product Characteristics

Agilent E5071C Network Analyzer	

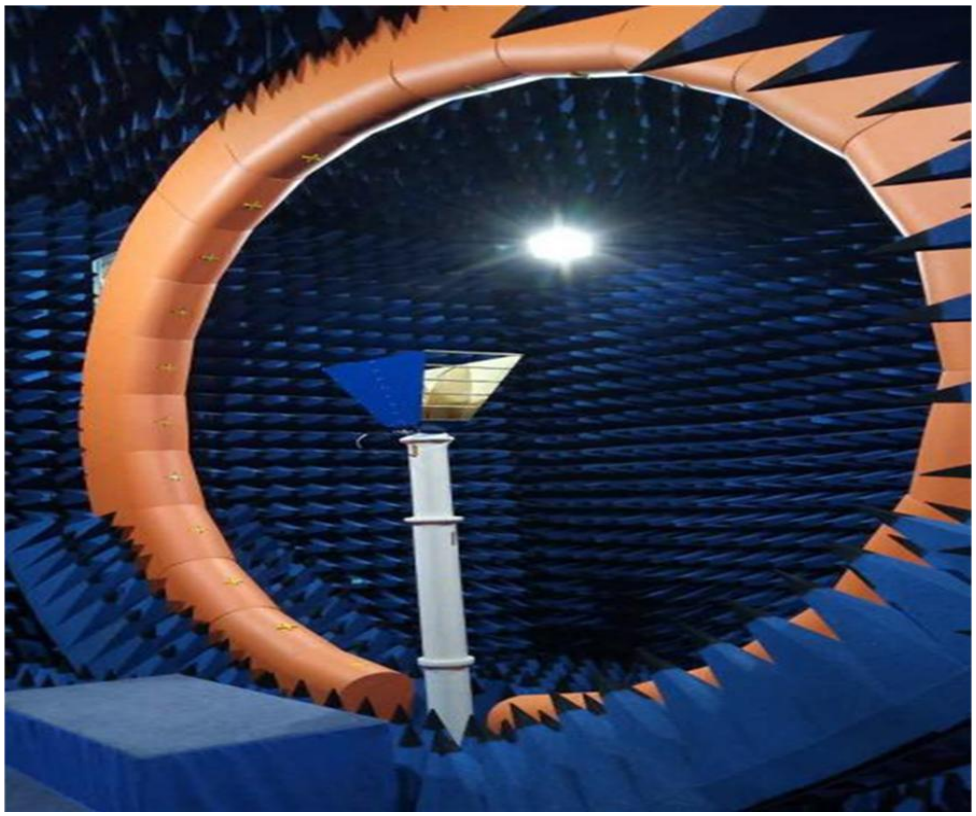
5150-5850MHz



测试原理框图：



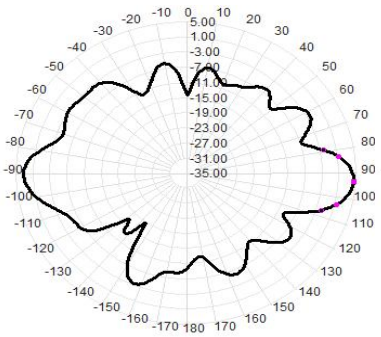
暗室内部图片：



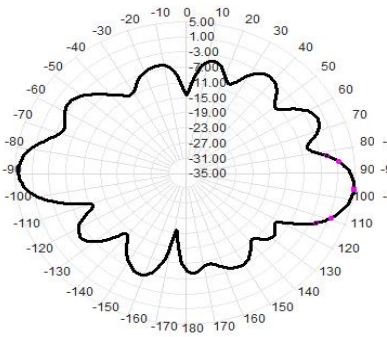
5.15~5.85GHz Radiation Pattern

5.15GHz

E1



E2



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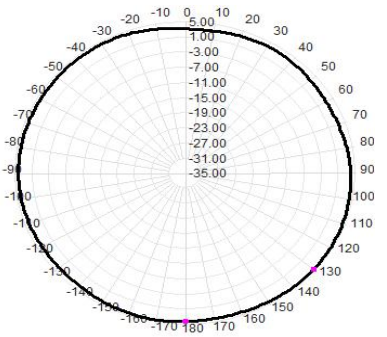
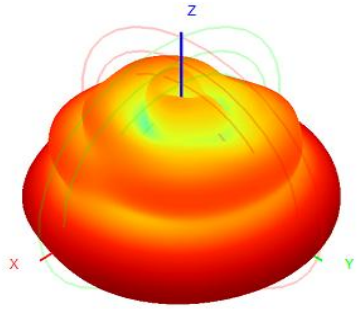
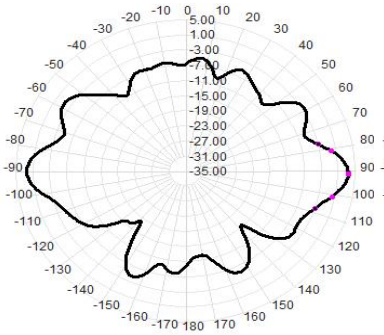




5.55GHz

E1



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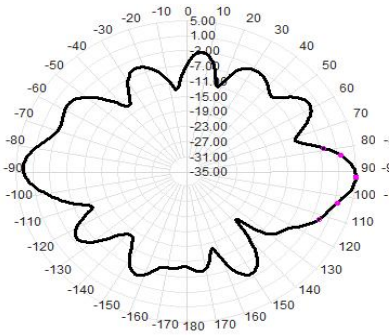

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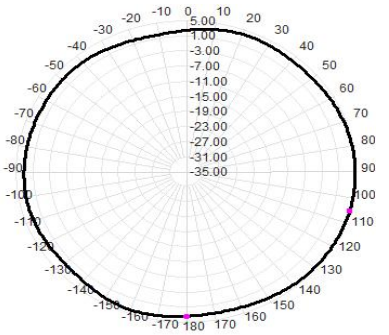

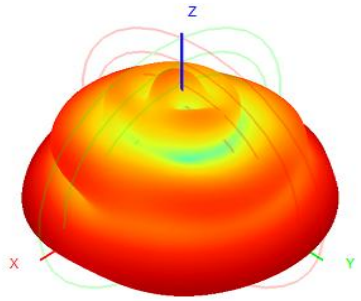

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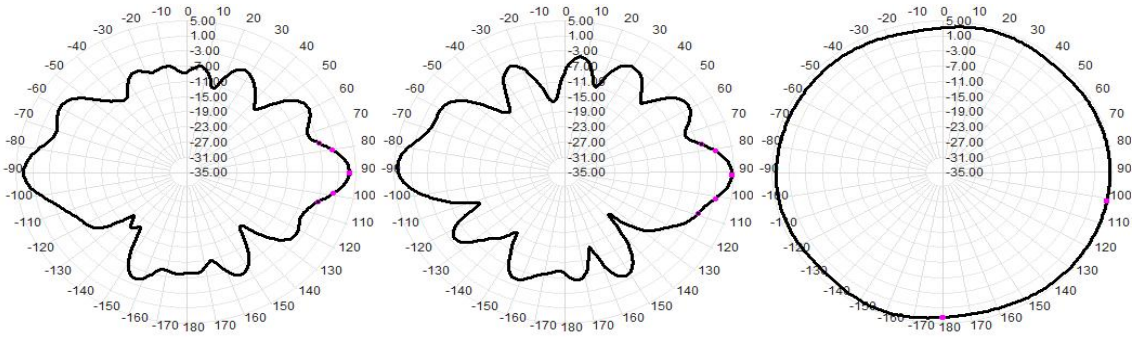
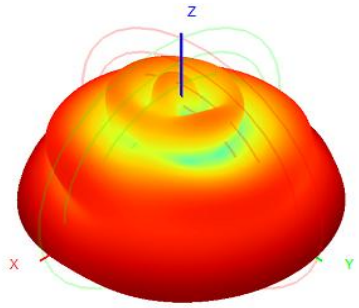
5.85 GHz

E1 **E2** **H**





VSWR

	5150MHz	5550MHz	5850MHz
VSWR	1.18	1.15	1.21

3D Peak Gain & Efficiency

Frequency	Antenna	
	Peak Gain (dBi)	Efficiency (%)
5150MHz	4.78	72.4
5200MHz	4.96	73.7
5250MHz	4.82	74.9
5300MHz	4.88	72.2
5350MHz	4.94	73.3
5400MHz	5.02	71.4
5450MHz	4.82	72.7
5500MHz	4.87	74.1
5550MHz	5.03	74.8
5600MHz	4.96	72.3
5650MHz	5.05	73.7
5700MHz	4.98	71.3
5750MHz	4.83	72.6
5800MHz	4.92	74.7
5850MHz	4.89	75.1