



东莞市艾微科技有限公司
Dongguan ivy technology co., LTD.

承 认 书

客 户 名 称: 微 网

客 户 项 目 名 称:

客 户 料 号: 51010118

物 料 名 称: 5.8G 5dBi 白色天线黑色 1.37mm 馈线 L=70mm 一代端子

艾 微 料 号: VW01-W020045

日 期: 2022-7-9

版 别: X2

	MANUFACTURE SIGNATURE	CUSTOMER SIGNATURE
CHECKED BAY:	WJ	陈航宇. 2022 7.127
AUDITOR BAY:		
APPROVED BAY	JBM	李杰 2023.5.24
DATE:	2022-7-9	



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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 $\pm$ 5	Impedance(Ω)	50 $\pm$ 5
增益(dBi)	5 $\pm$ 0.5	Peak Gain(dBi)	5 $\pm$ 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	
天线线材	1.37 黑色	Antenna cable	1.37 Black Cable
工作温度	-40 $^{\circ}$ C~+60 $^{\circ}$ C	Operating Temp	-40 $^{\circ}$ C~+60 $^{\circ}$ C
保存温度	-40 $^{\circ}$ C~+60 $^{\circ}$ C	Storage Temp	-40 $^{\circ}$ C~+60 $^{\circ}$ C

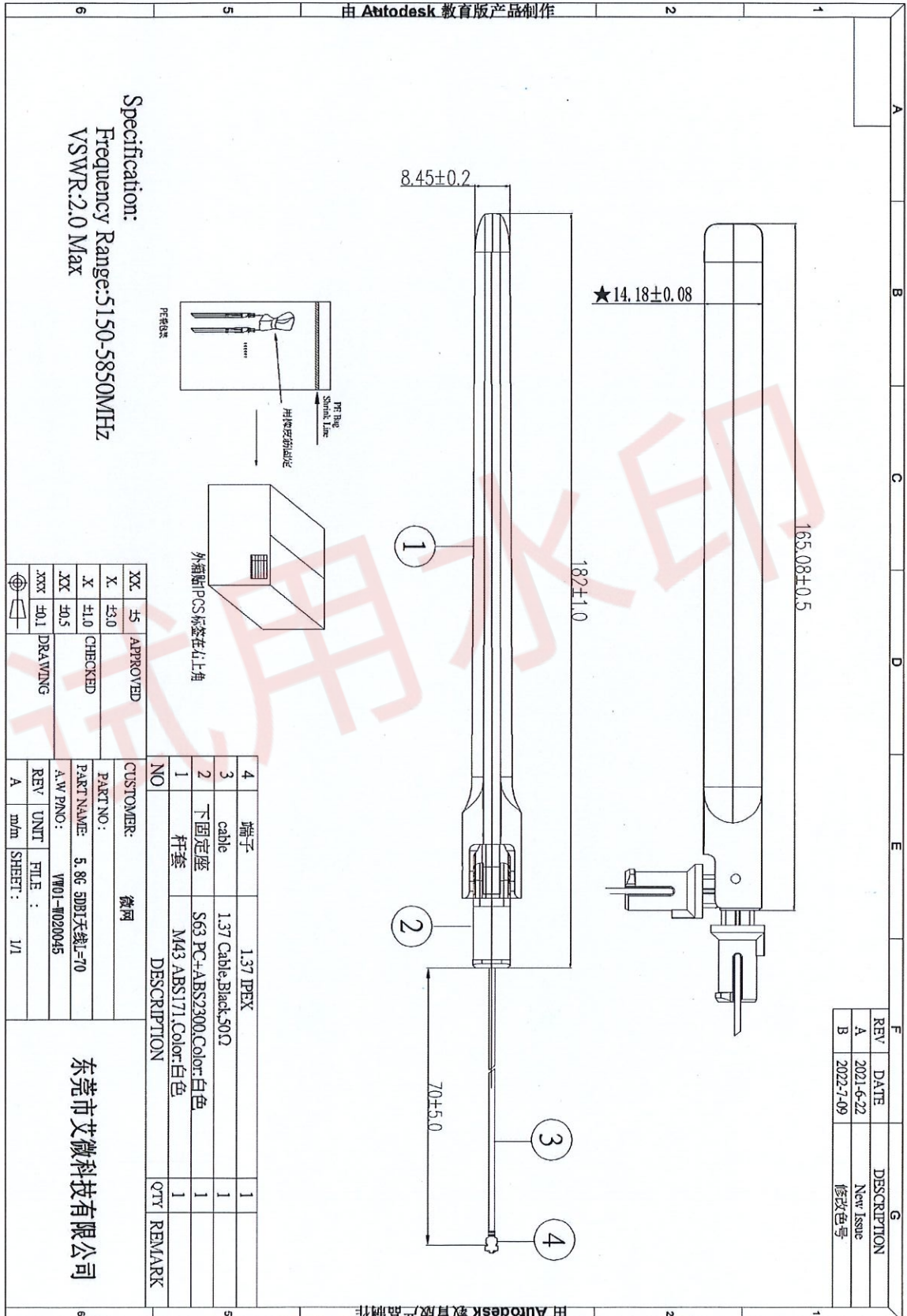
制造商：东莞市艾微科技有限公司

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

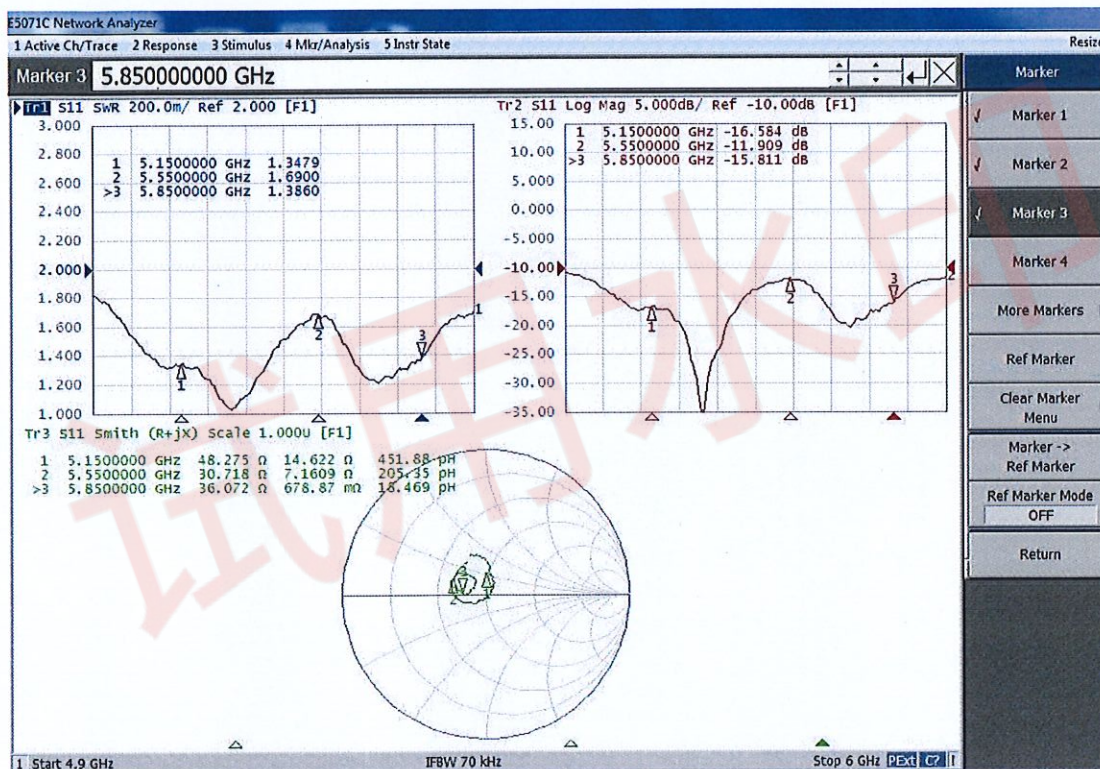


三、电测报告 Product Characteristics

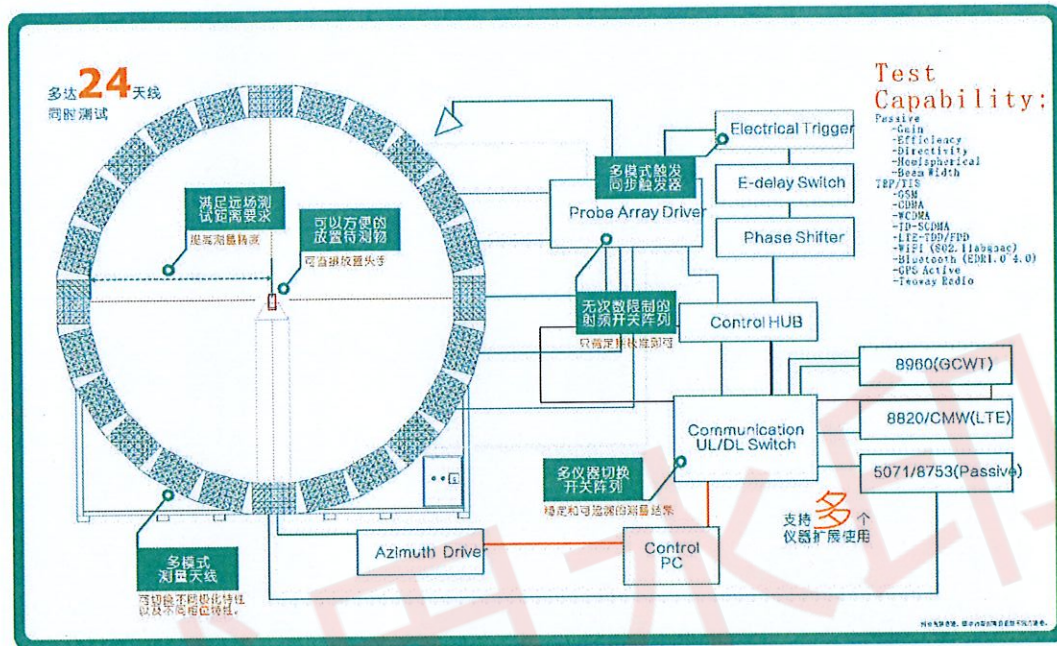
Agilent E5071C Network Analyzer



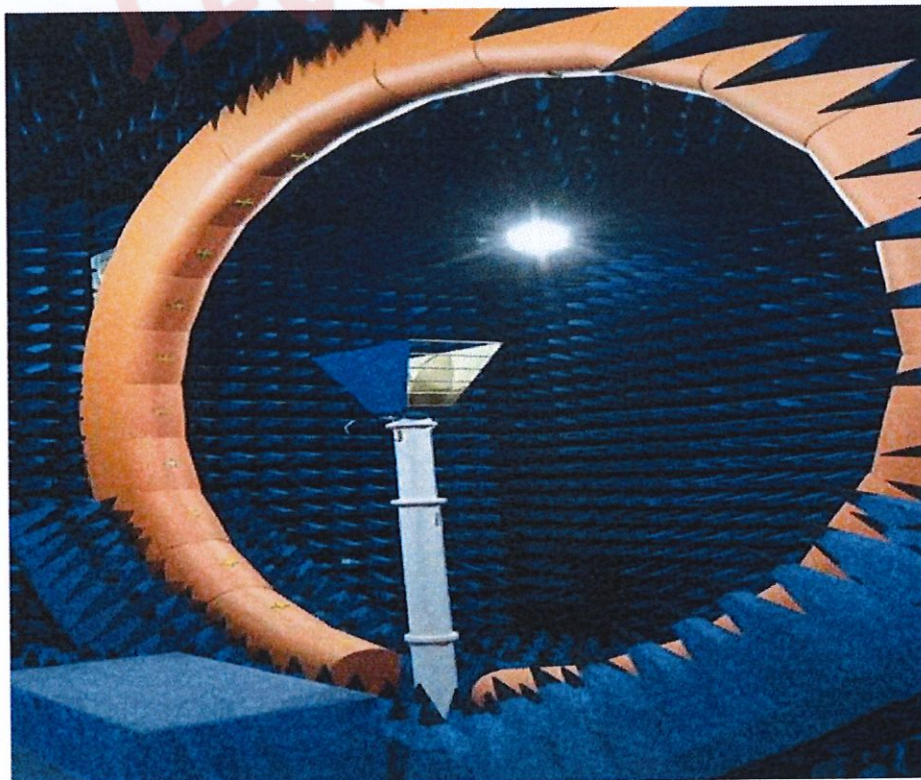
5150-5850MHz



测试原理框图:

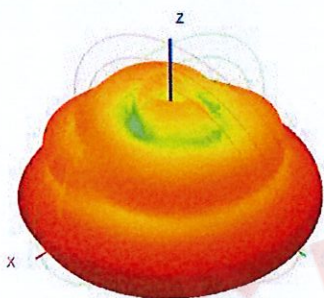
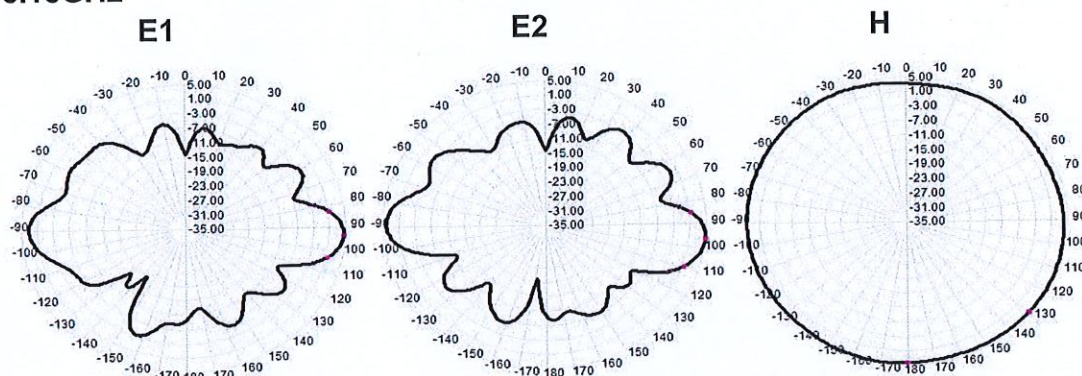


暗室内部图片:

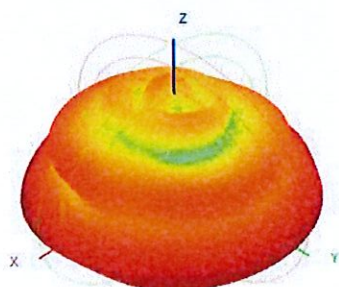
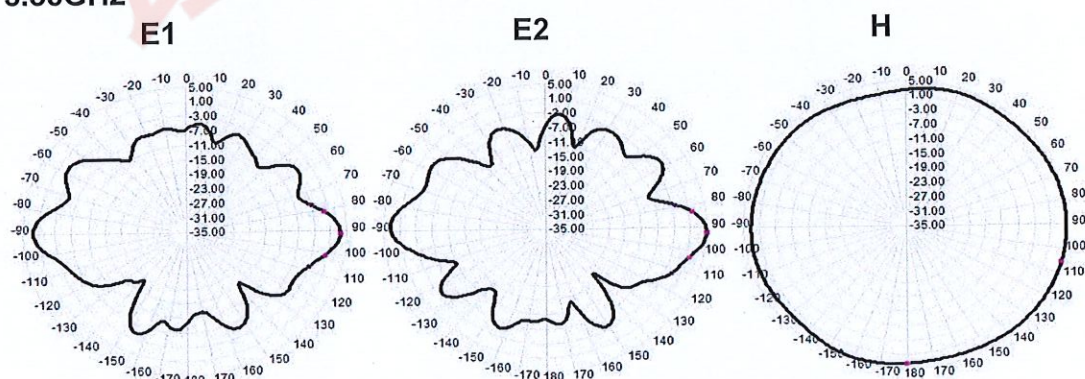


5.15~5.85GHz Radiation Pattern

5.15GHz

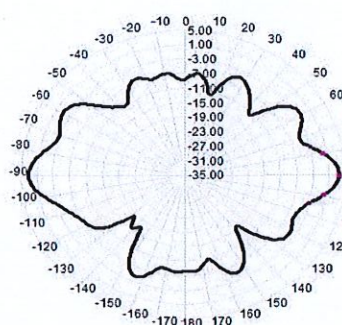


5.55GHz

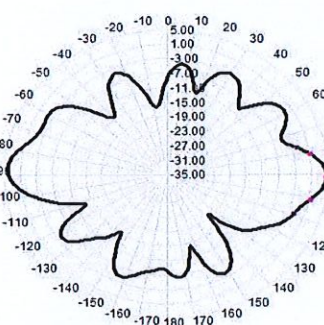


5.85 GHz

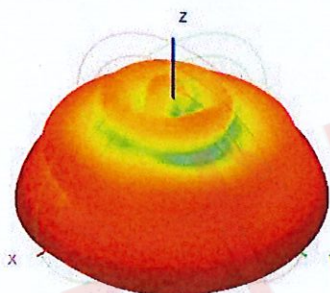
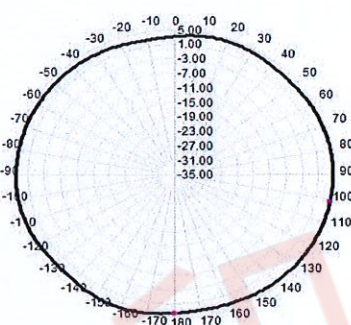
E1



E2



H



VSWR

	5150MHz	5550MHz	5850MHz
VSWR	1.34	1.69	1.38

3D Peak Gain & Efficiency

Frequency	Antenna	
	Peak Gain (dBi)	Efficiency (%)
5150MHz	4.85	73.9
5200MHz	4.94	74.3
5250MHz	5.02	73.8
5300MHz	5.17	76.1
5350MHz	4.98	73.5
5400MHz	5.09	74.6
5450MHz	5.12	76.4
5500MHz	4.99	72.7
5550MHz	4.98	74.9
5600MHz	4.76	75.5
5650MHz	4.89	74.3
5700MHz	4.85	73.2
5750MHz	4.96	73.7
5800MHz	4.93	73.6
5850MHz	4.79	74.9