

东莞市利信威电子有限公司

Dongguan Lixinwei Electronics Co., Ltd

广东省东莞市大朗镇仙村铜鼓三街79号1楼

Floor 1, No. 79, Tonggu Third Street, Xiancun, Dalang Town, Dongguan City,
Guangdong Province

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 蓝光电子

产品名称: _

Product Name: 5.8G铜管天线 全长80黑色

客户型号:

Product Name:

产品料号:

Part NO.: C113H-IPXBT4412-11-80R

制 表:

Write By: 周 敏

日 期:

Issued Date: 2022-09-8

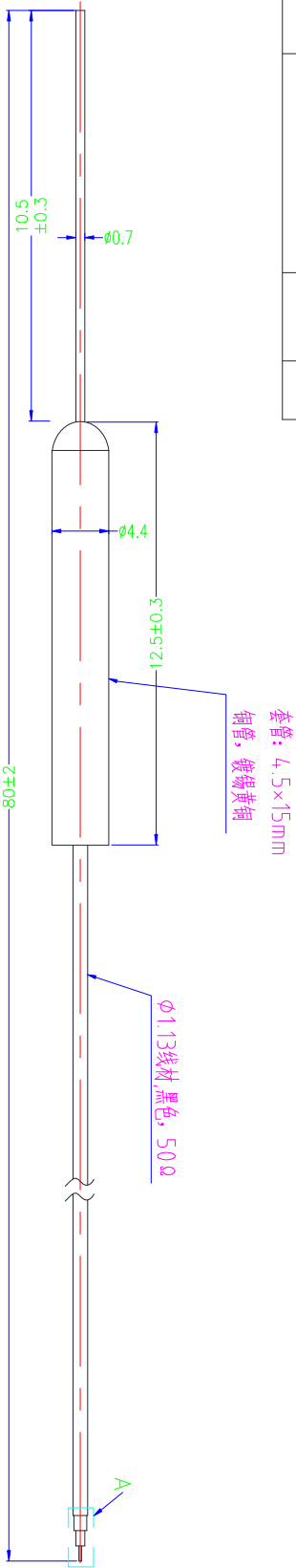
客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

利 信 威

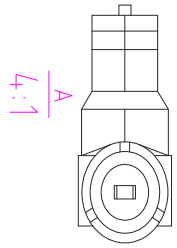
研发R&D Dept	工程 Engineer Dept	审核 Approval

标记	页次	更改内容	签字	日期



1代端子

规格说明:
1. 频率范围: 4.7Hz-5.9GHz;
2. 功率增益: 2.0dBi。



TITLE: 天线				MATERIAL: _____		FINISH: 表面处理	
PART/NO.: C113H-IPXBT4,12-11-80R				TOLERANCE: ??		ANGULAR: ??	
UNIT IN mm		SCALE: 2.5:1		LINEAR: ??		ANGULAR: ??	
单位		2.5:1		L<30 ±0.10		X.XX ±0.1°	
DRAWING		DATE 21-11-21		L>30 ±0.15		X.XX ±0.2°	
数量		CHECKING		UNLESS OTHERWISE SPECIFIED		REV 01	
制图		DATE		CHECKING		REV	
		21-11-21		DATE		版本	

东莞市利信威电子有限公司

Product Specification

A. Electrical Characteristics

Frequency 5100MHz ~5900MHz

VSWR <2.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 2.75DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 黑色

Connector Type : IPEX1

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

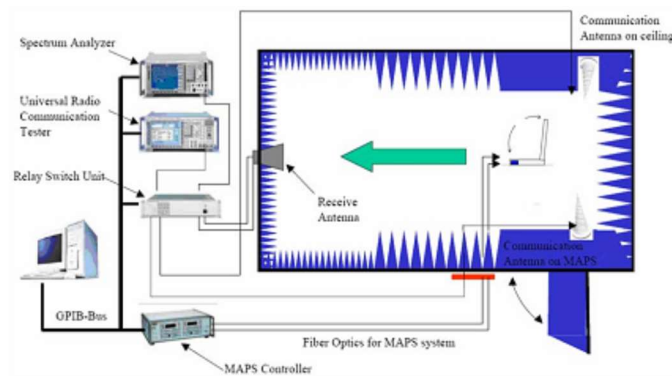
1. Network Analyzers :

Agilent 8753D 5071B

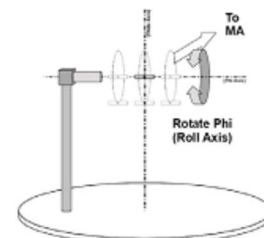
2. Communications Test Set:

Agilent E5515C

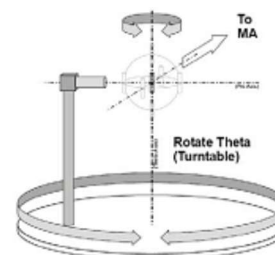
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)

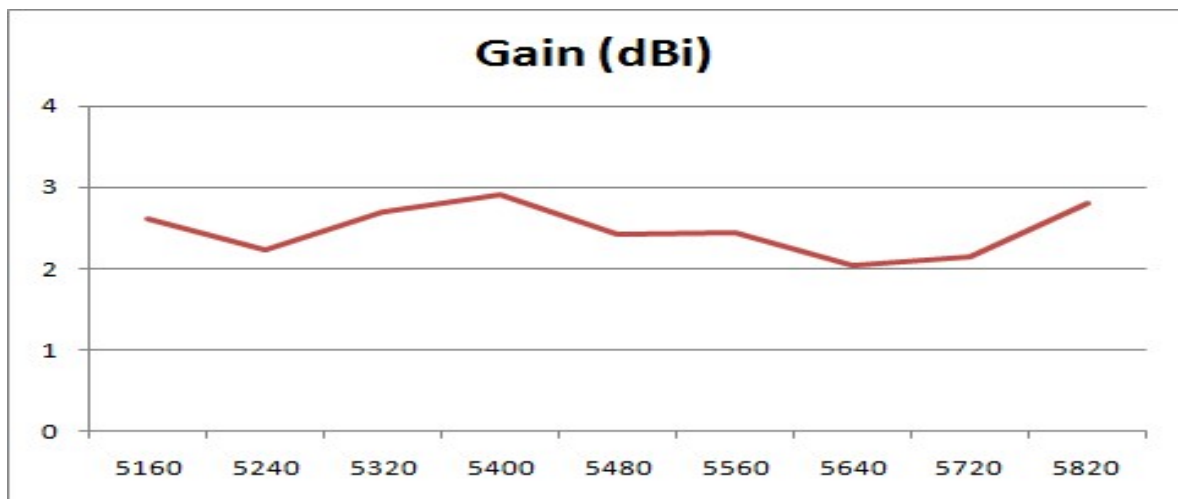
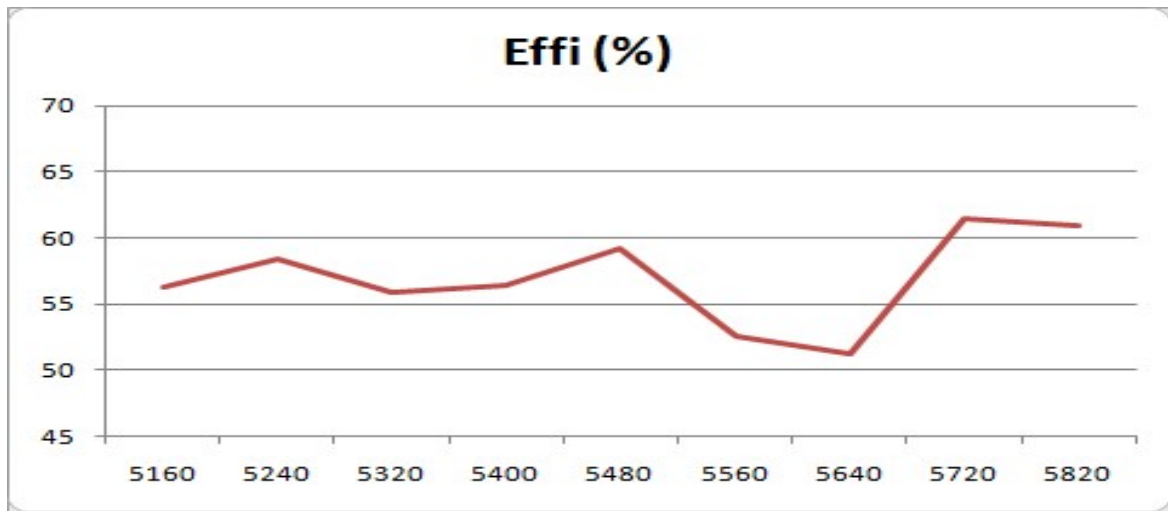


Phi axis test

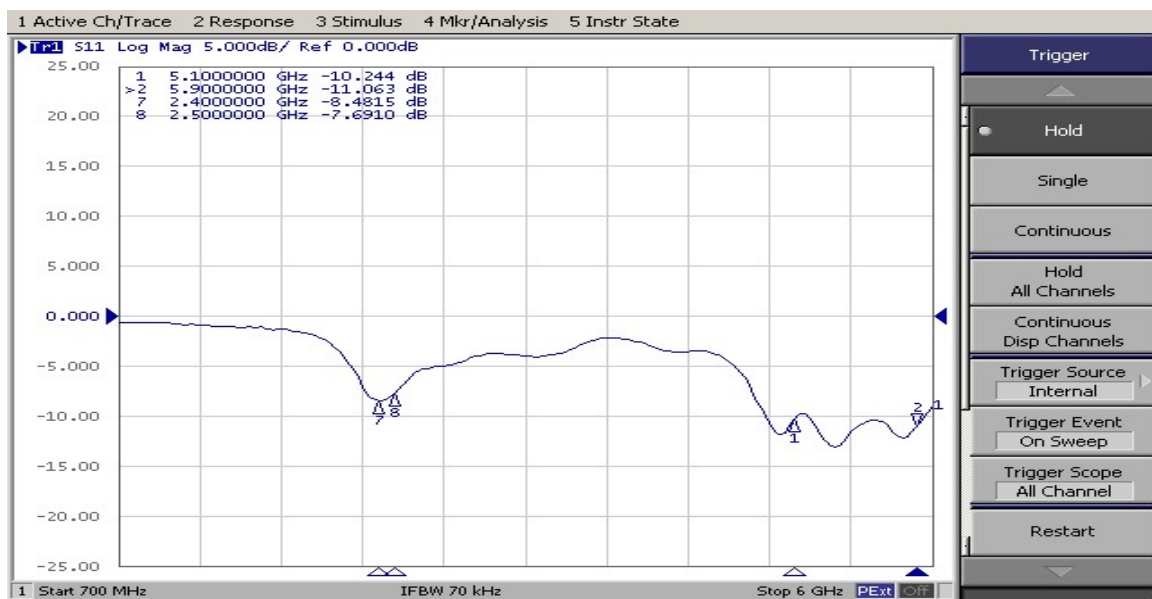


Theta axis test

Efficiency & Gain

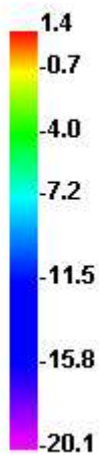
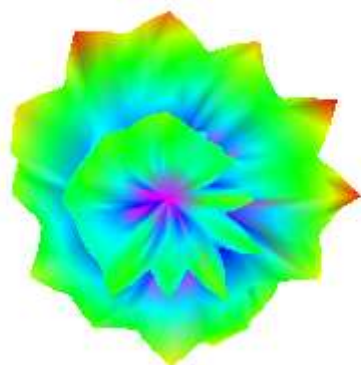


回波损耗

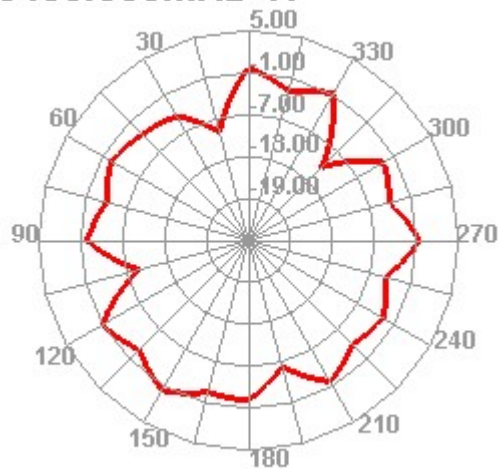


辐射方向图

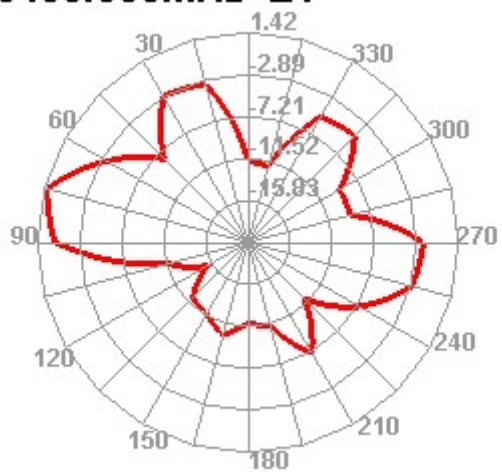
5480.000MHz



5480.000MHz H



5480.000MHz E1



5480.000MHz E2

