

Dongguan Lixinwei Electronics Co., Ltd

Antenna Specification for Approval

Customer Name: Guangdong Meijiaxin Innovation Technology Co.,
Ltd

Address: Xingye South Road, Laimei Industrial Park,
Chenghai District

Product Name: 5G antenna

Part NO. : C113H-IPXBT4412-11-110R

Write By: Zhou Min

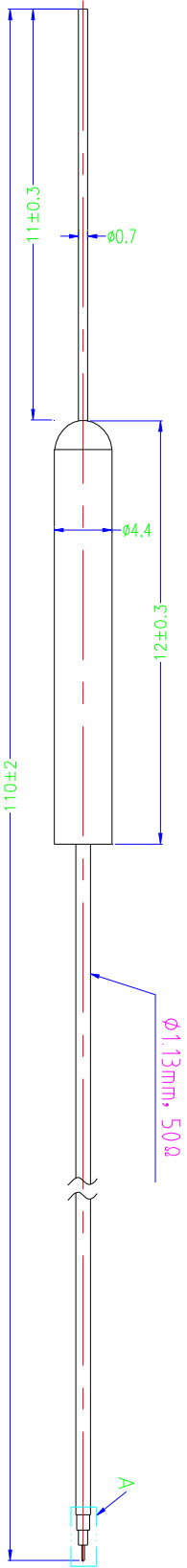
Issued Date: 2023-2-31

Customer:

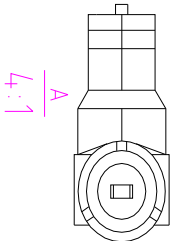
R&D Dept	Business Dept	Approved By

Supplier

R&D Dept	Engineer Dept	Approval
Ni Sheng	Zhang Ming	xiong



PEX1



- Specifications:
- Frequency range: 5100MHz-5900MHz
 - Power gain: 2.75dBi.

TITLE:		5.8G antenna		MATERIAL:		FINISH:	
PART/NO:		C113H-IPXBT44/12-11-110R		TOLERANCE 公差			
UNIT IN	mm	SCALE:	2.5:1	LINEAR $L < 30$ $30 < L < 100$ $L > 100$ ± 0.10 ± 0.15 ± 0.20		ANGULAR $X.XX - \pm 0.1^\circ$ $X.XX - \pm 0.2^\circ$	
DRAWING		Dunsheng	DATE	CHECKING	DATE	REV	01
Dongguan Lixinwei Electronics Co., Ltd							

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 black

Connector Type : IPEX1

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

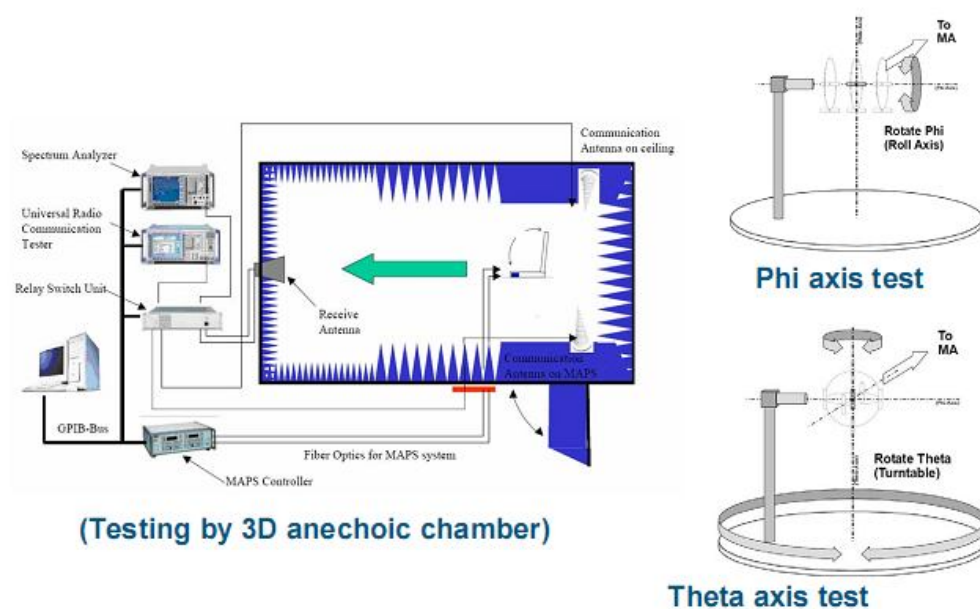
1. Network Analyzers :

Agilent 8753D 5071B

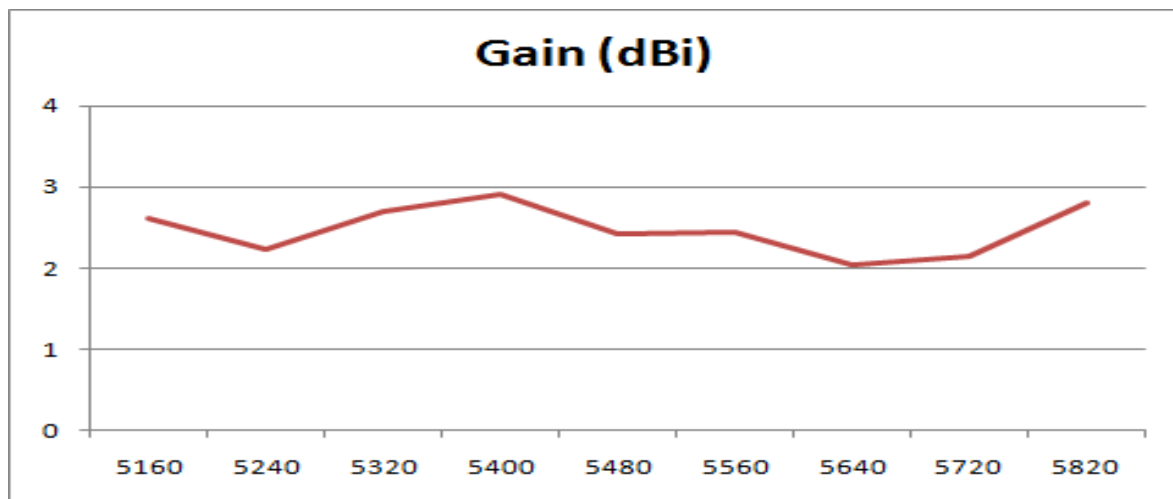
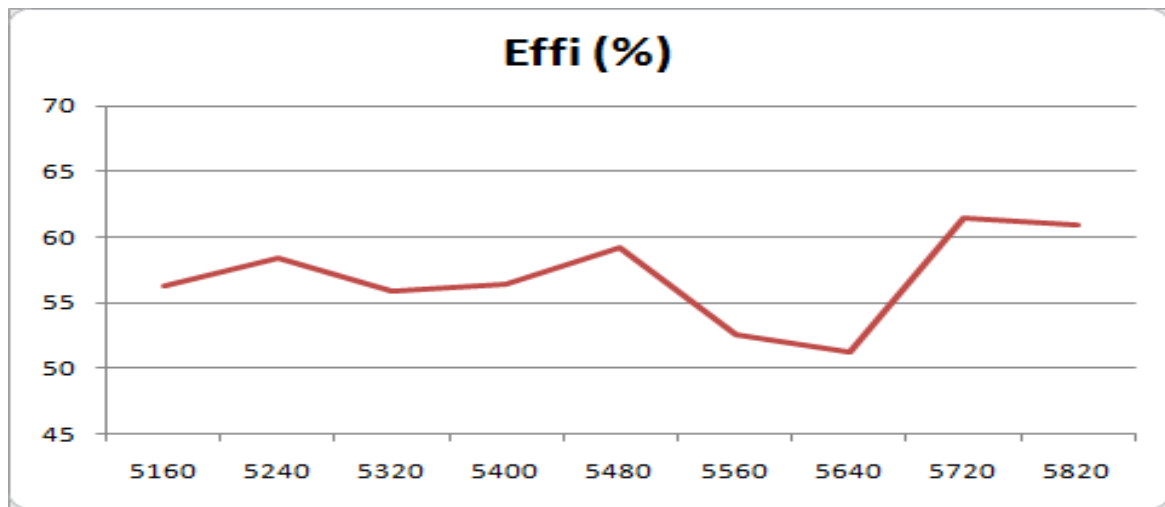
2. Communications Test Set:

Agilent E5515C

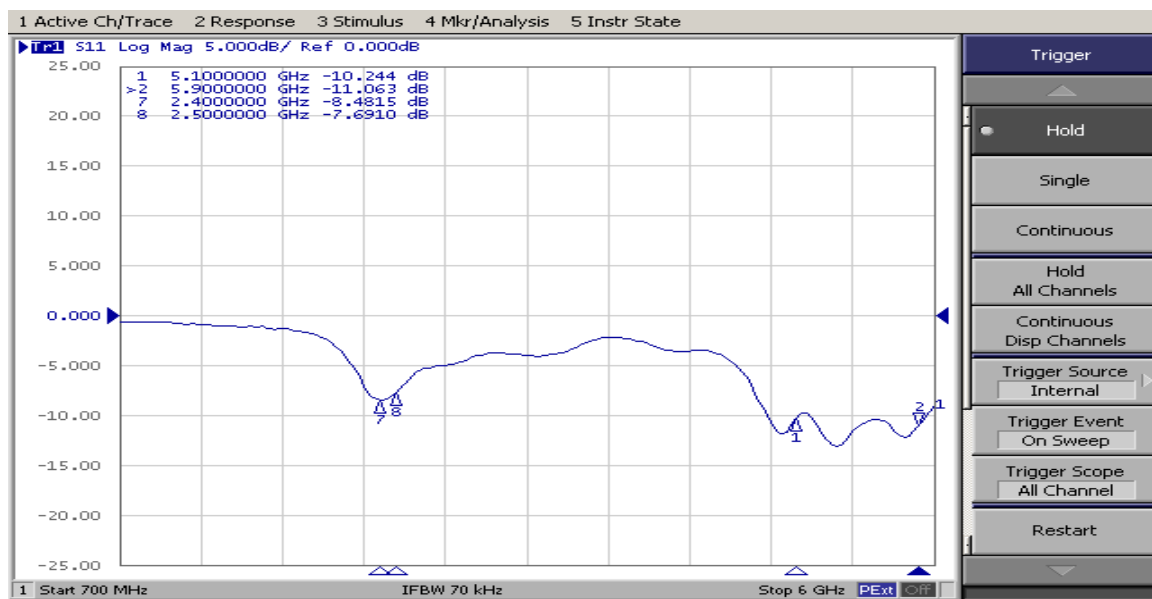
3. 3D Chamber Test System



Efficiency & Gain

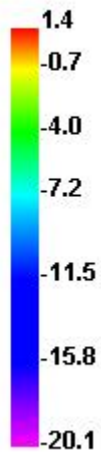
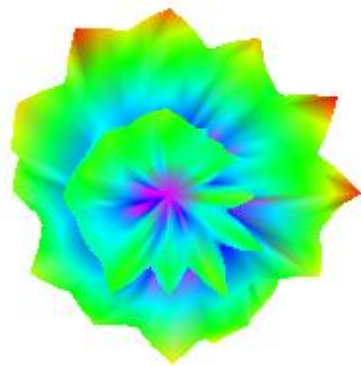


S11

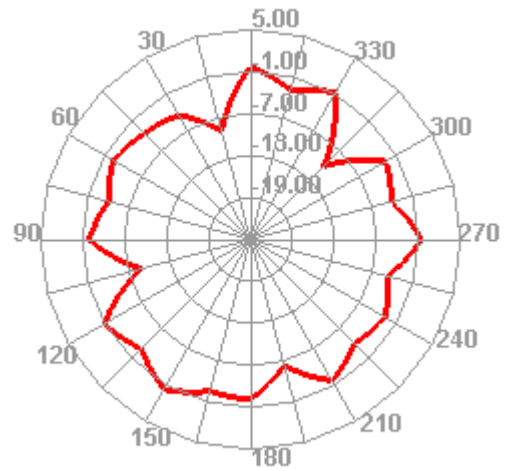


radiation pattern

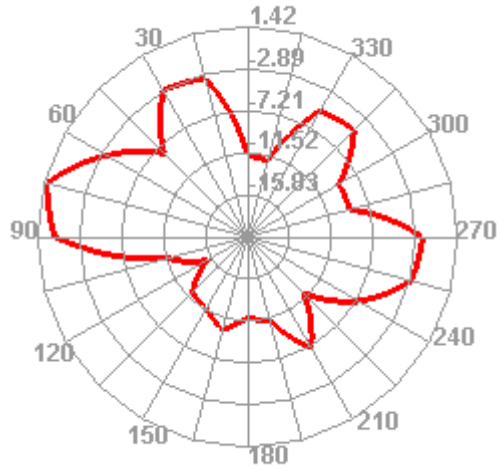
5480.000MHz



5480.000MHz H



5480.000MHz E1



5480.000MHz E2

