

Shenzhen SKYLink Technology Co.,Ltd

Antenna Specification for Approval

Customer Name: _____

Product Name: _____ 2.4G &5.8G Antenna _____

Part NO.: _____ WF75J. C178. 380B. MMCX _____

Write By: _____ Damon Cui _____

Issued Date: _____ 2023-06-16 _____

Customer

R&D Dept	Business Dept	Approved By

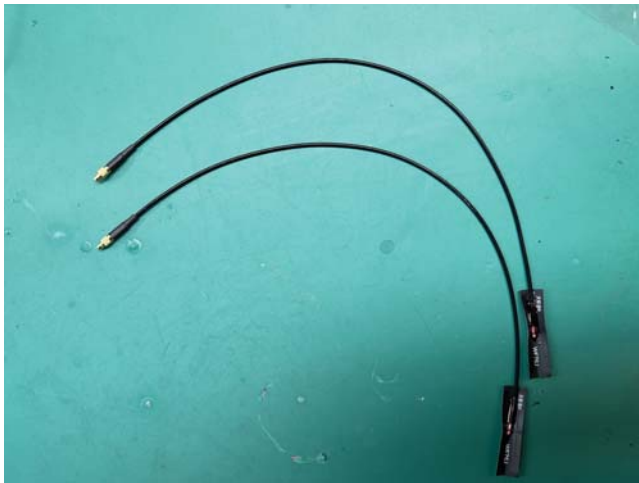
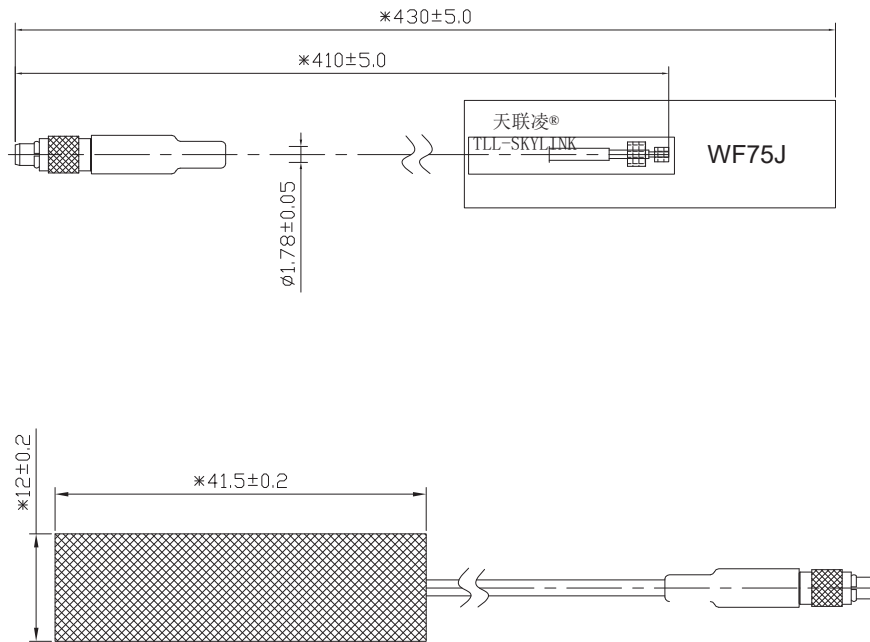
SKYLink

R&D Dept	Engineer Dept	Approval

● Specification Summary

A. Electrical Characteristics	
Frequency	2400MHz ~2500MHz 5150MHz~5950MHz
VSWR	<3.0
Efficiency	>40%
Peak Gain	2dBi
Impedance	50 Ohm
Polarization	Line
B. Material & Mechanical Characteristics	
Material of Radiator	Cu
Cable Type	RG178 Black
Connector Type	MMCX
Dimension	At Attachment
Heat-durability	280±5°C, 10sec.
C. Environmental Characteristics	
Operation Temperature	- 20 °C ~ + 80 °C
Storage Temperature	- 30 °C ~ + 85 °C

● Product



● Test Equipment & Conditions

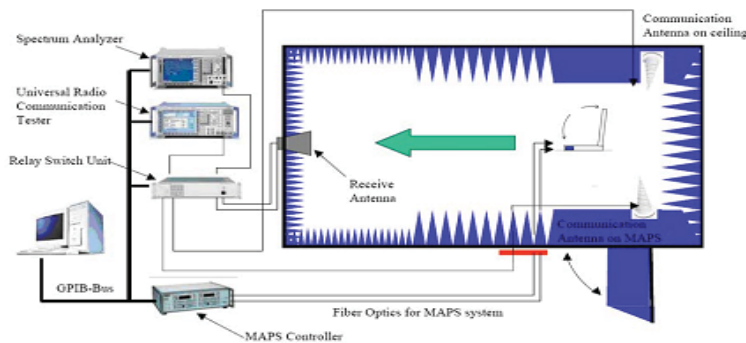
1. Network Analyzers :

Agilent 8753D 5071B

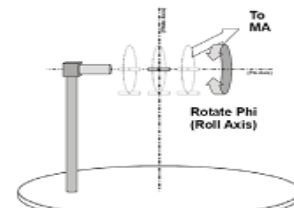
Communications Test Set:

Agilent E5515C CMW500

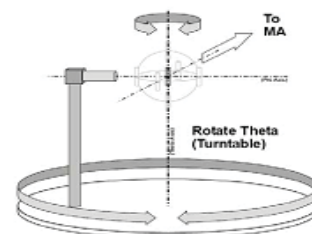
2. 3D Chamber Test System



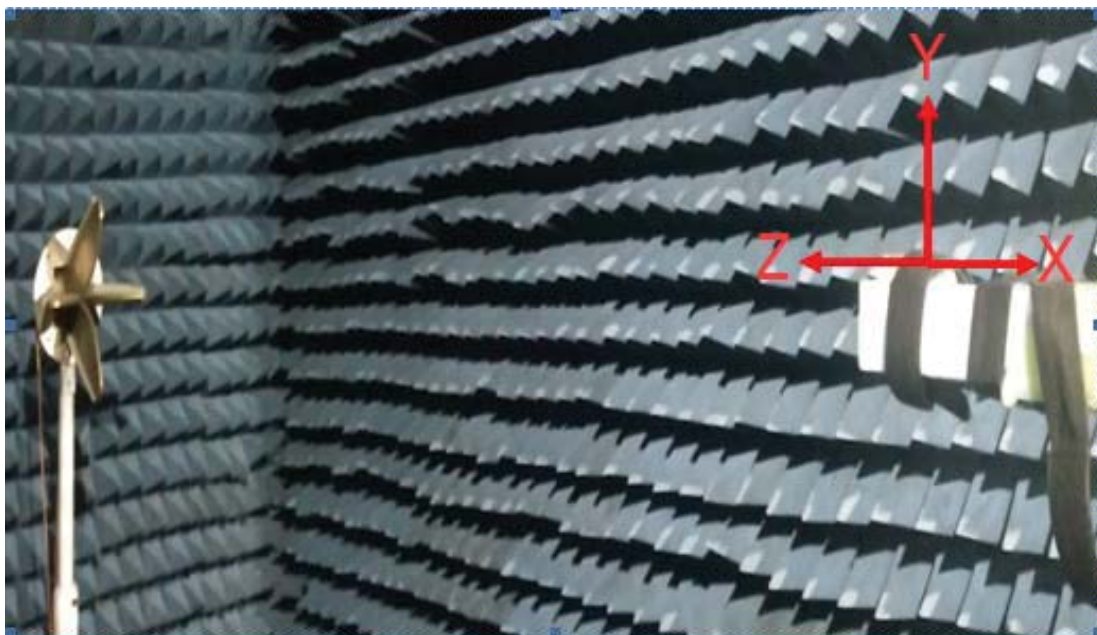
(Testing by 3D anechoic chamber)



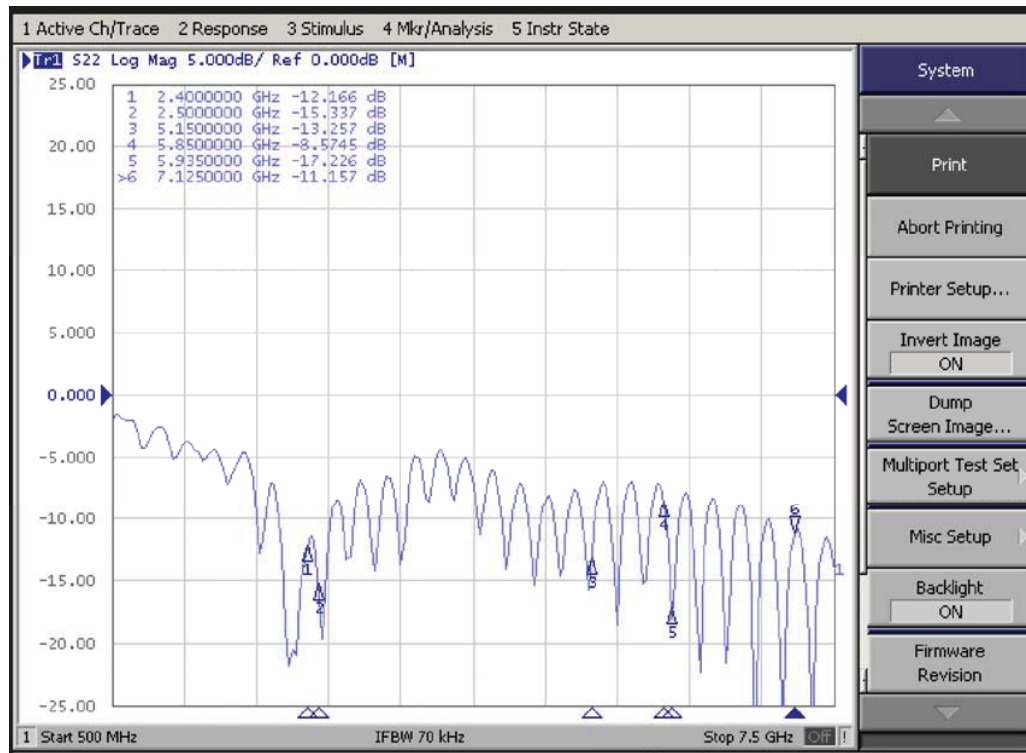
Phi axis test



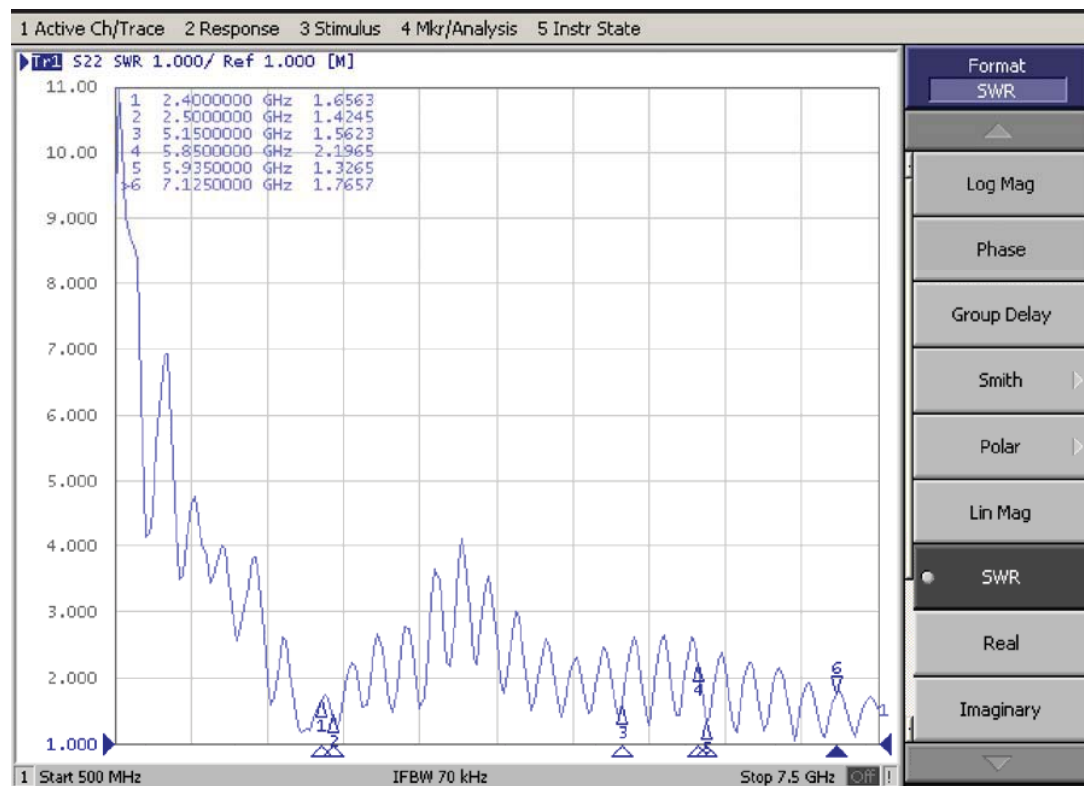
Theta axis test



◆ Return Loss

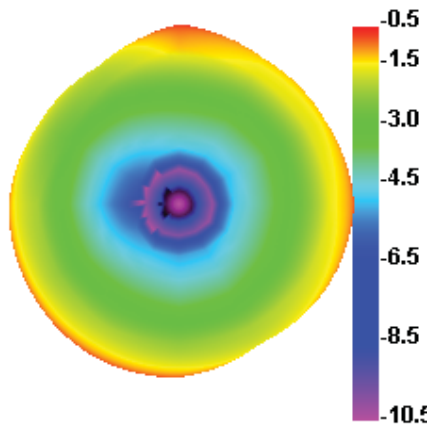


◆ VSWR

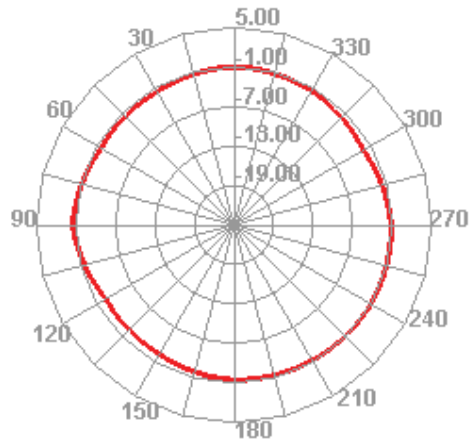


◆ **Radiation Pattern**

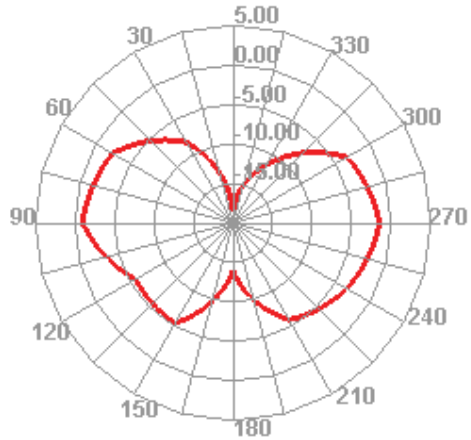
2450.000MHz



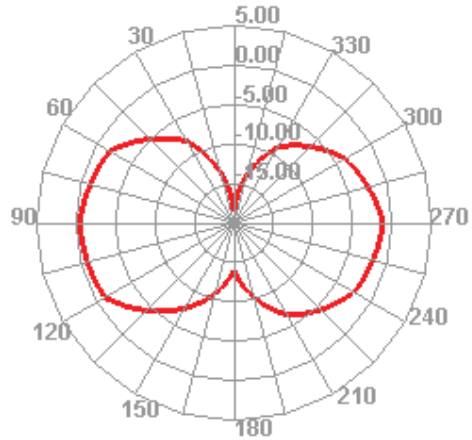
2450.000MHz H



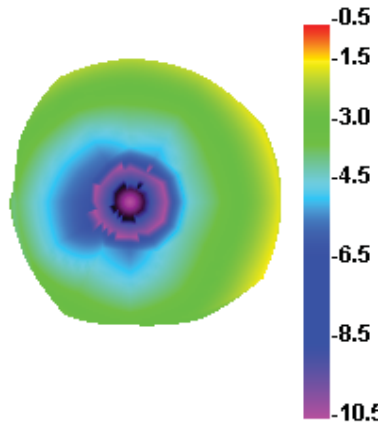
2450.000MHz E1



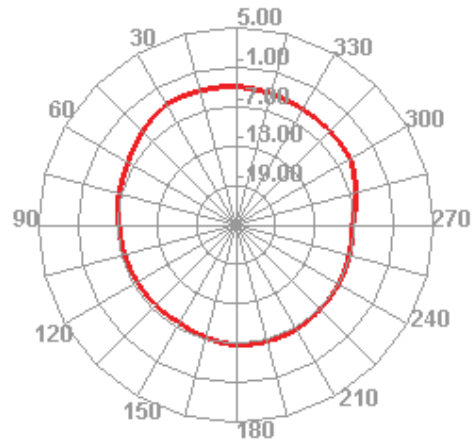
2450.000MHz E2



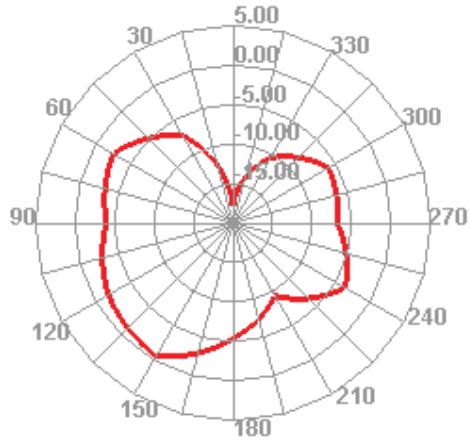
5500.000MHz



5500.000MHz H



5500.000MHz E1



5500.000MHz E2

