

Antenna Specification for Approval

Customer Name: Daming spring

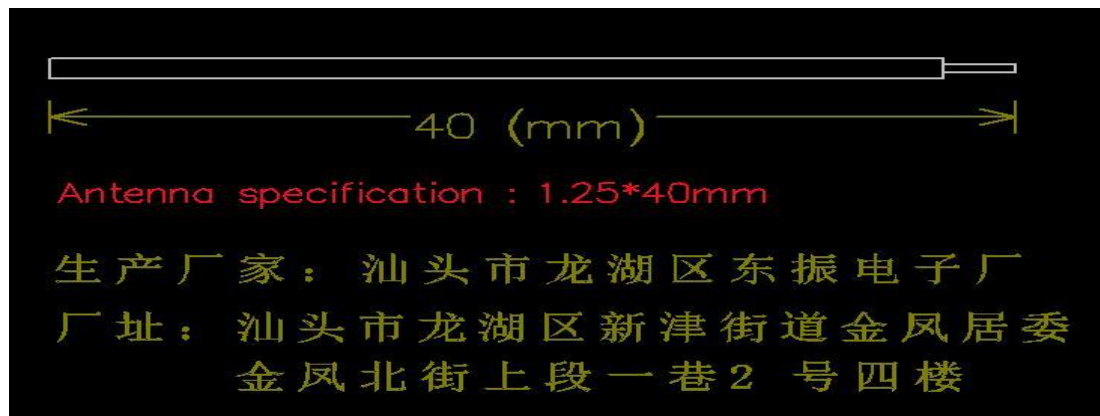
Address: No. 4, Right Side, Fifth Lane, Xucuo Industrial Zone,
Lianxia Town, Shantou City, Guangdong Province, China

Product Name: 2.4G antenna 40mm white

Part NO.:C10-35-2.5

Issued Date: FEB-15-2023

Product Specification



A. Electrical Characteristics

Frequency **2405MHz ~2480MHz**

VSWR **<3.0**

Efficiency **>30%**

Impedance **50 Ohm**

Polarization **Line**

Gain **0.17dBi**

B. Material & Mechanical Characteristics

Material of Radiator **Cu**

Cable Type **1.0 12P white**

Connector Type : **NO**

Dimension

C. Environmental

Operation Temperature - **30 °C ~ + 80 °C**

Storage Temperature - **30 °C ~ + 85 °C**

Test Equipment & Conditions

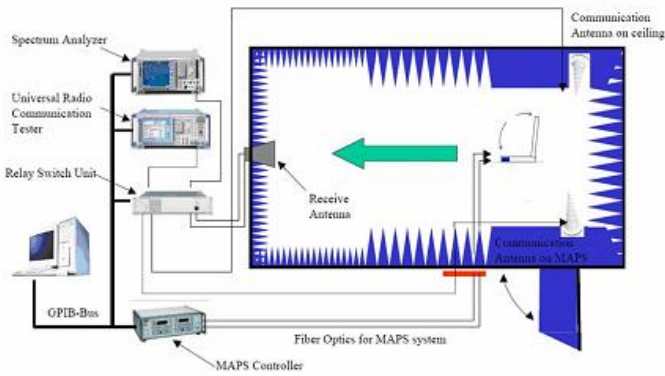
1. Network Analyzers :

Agilent 8753D 5071B

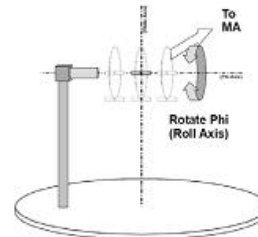
2. Communications Test Set:

Agilent E5515C

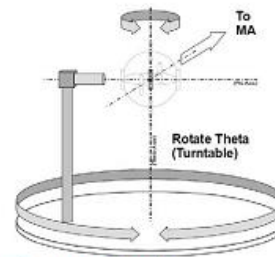
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

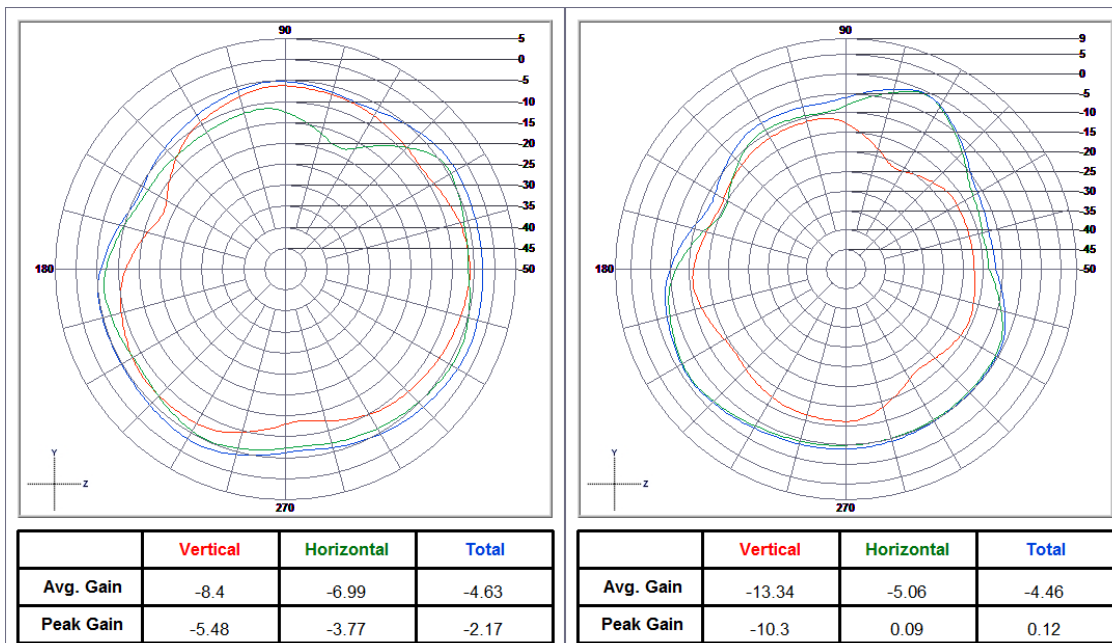
Efficiency & Gain

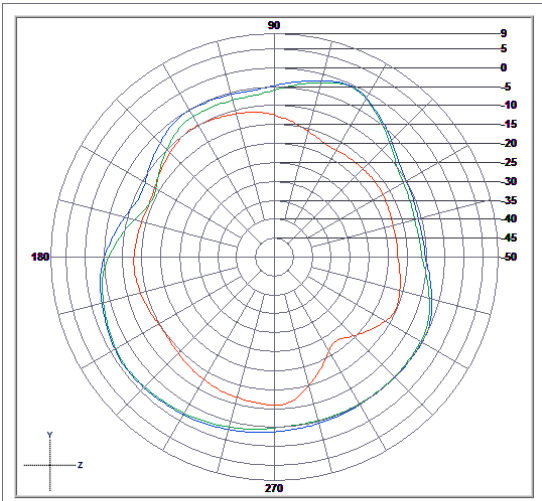
2.40 -2.17

2.440 0.12

2.48 0.17

Radiation Pattern:





	Vertical	Horizontal	Total
Avg. Gain	-13.42	-4.6	-4.06
Peak Gain	-9.47	0.1	0.17

