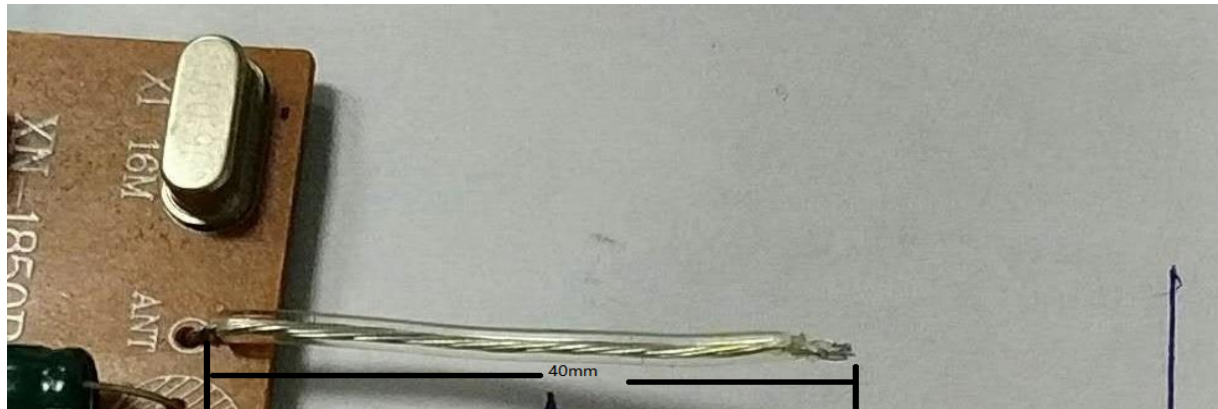


model: 2.4G transparent antenna

client:

7 diagrammatic presentation



Remarks: The specification of the 2.4G transparent antenna is 9-core tinned copper wire with an outer diameter of 1.3MM, transparent color, with a length of 40MM, and the end of the wire is stripped 3MM and tinned. Meet the environmental protection standards: EU EN71(19E), ROHS, PAHS, 6P~16P, Europe and America CPSIA, HR4040.

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P transparent

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

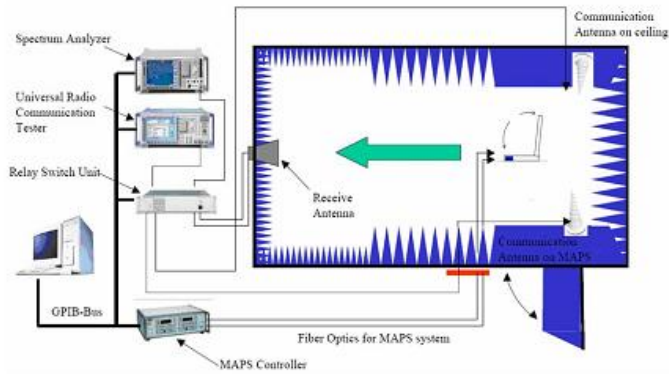
1. Network Analyzers :

Agilent 8753D 5071B

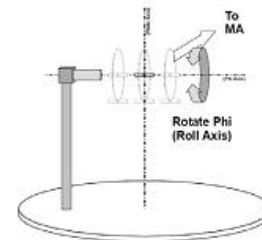
2. Communications Test Set:

Agilent E5515C

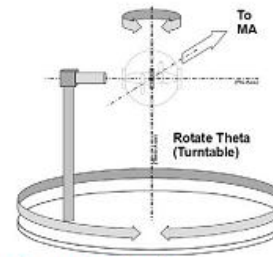
3. 3D Chamber Test System Efficiency & Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

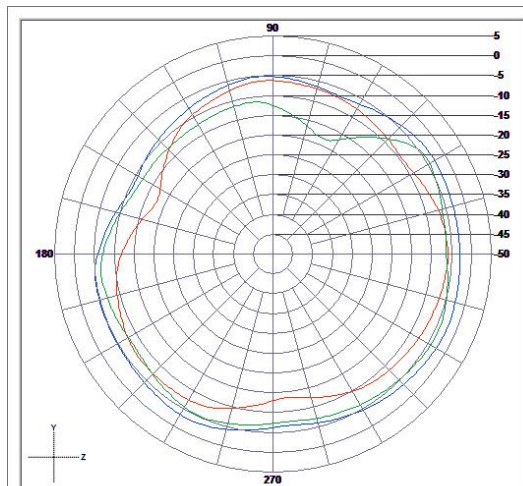
Efficiency & Gain

2.40 -0.00

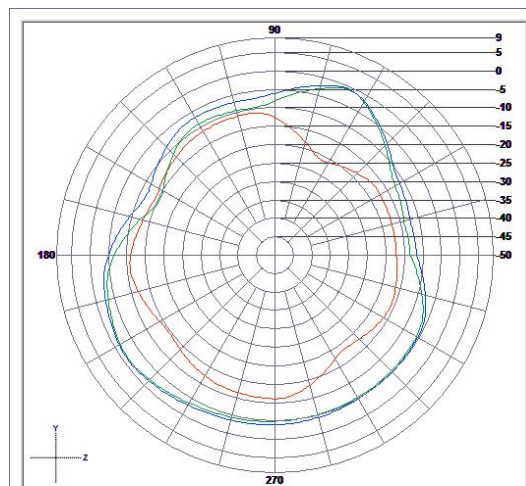
2.440 -0.11

2.48 -0.13

Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

