

Antenna Specification for Approval

Product Name: 2.4G antenna with a total length of 33mm

Product Name: 30T

Write By: Cindy Allen

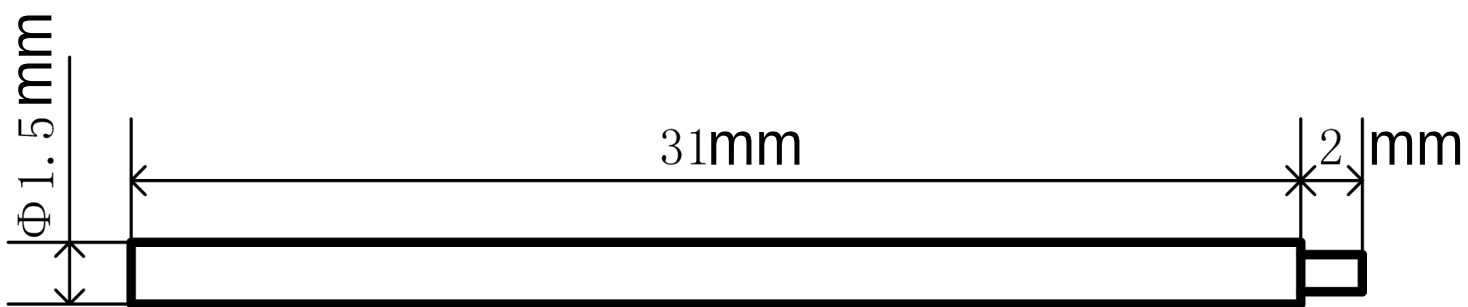
Part NO. : C10-35-2.5

Issued Date: 2022-3-3

R&D Dept	Business Dept	Approved By

Manufacturers: Dongzhen Electronics Factory, Longhu District, Shantou City

Address: No. 2, Lane 1, Upper Section, Jinfeng North Street, Jinfeng Neighborhood
Committee, Xinjin Street, Longhu District, Shantou City



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

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

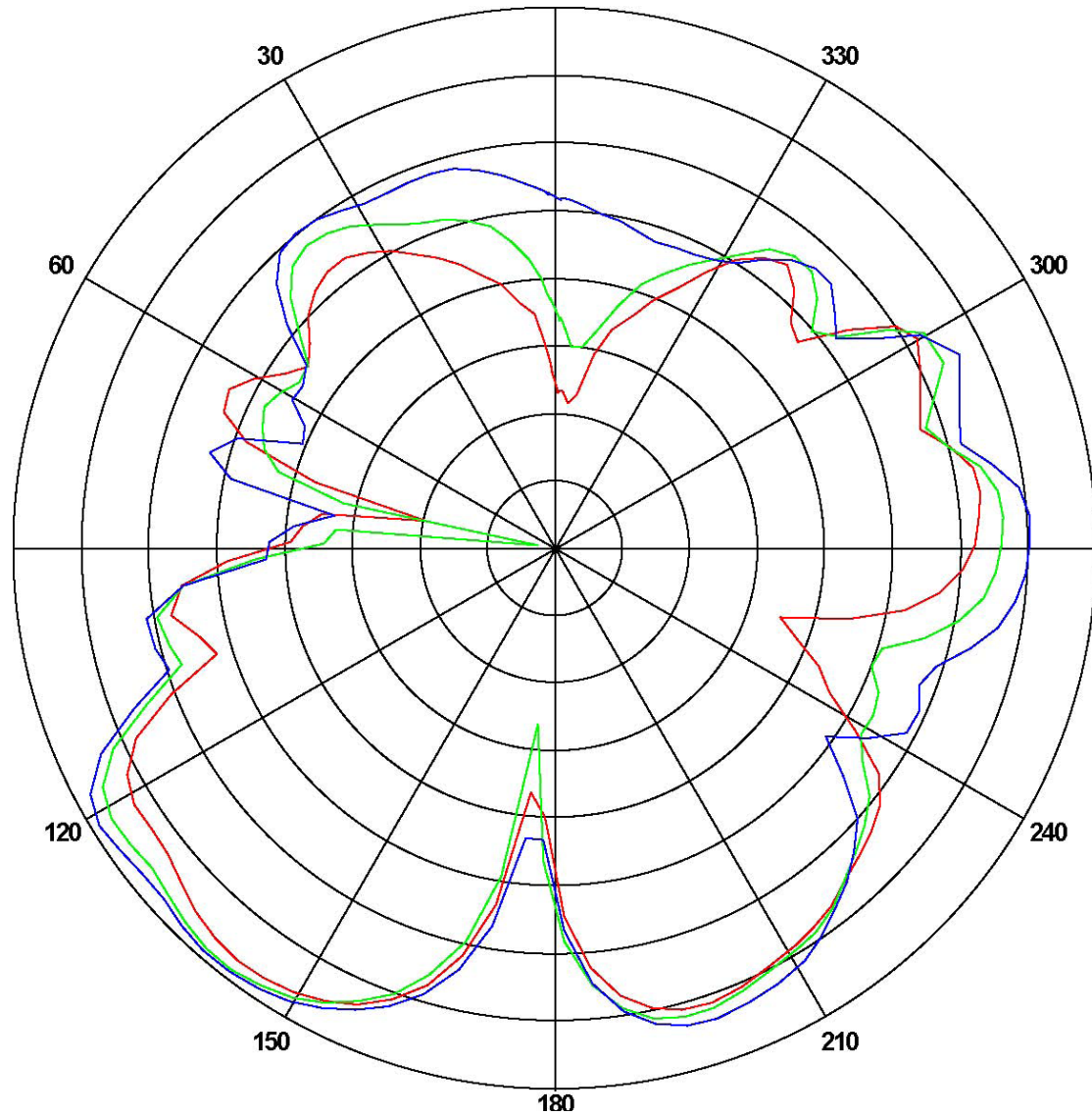
Efficiency& Gain

2400MHz	-1.26174
2450MHz	-0.765802
2500MHz	0.000000

Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

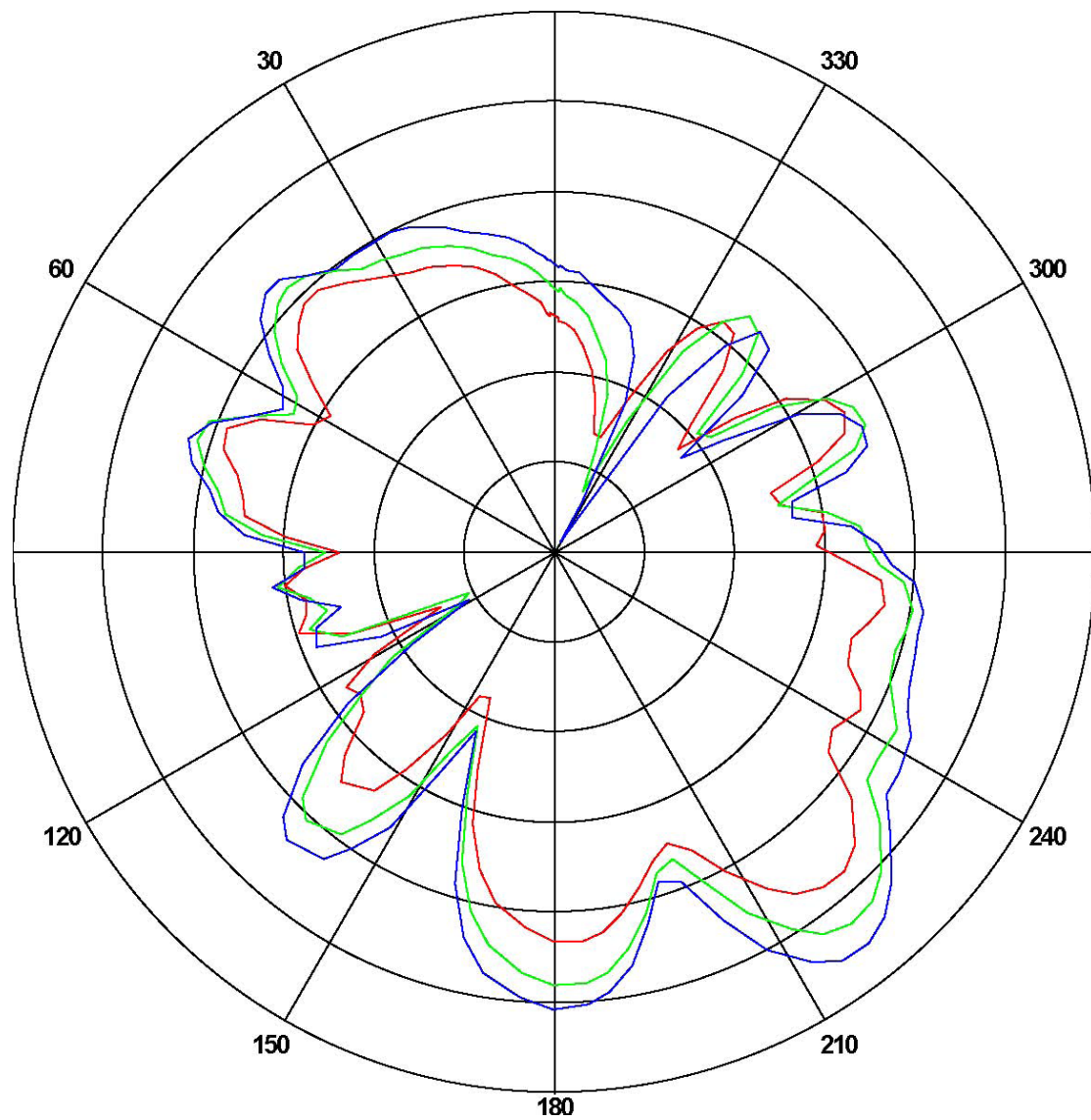


Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	0.0000000	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
2400	-4.2537	-22.1424	-12.4294
2450	-1.4652	-24.5837	-10.4702
2500	-0.86120	-29.5214	-9.20432