

863-870MHz/902-968MHz 2.4dBi Rubber Terminal Antenna

Part No:AC-Q863-L20D

1. Introduction

The dipole Antenna is primarily designed for use with GSM/Lora modules.

It does not require a ground-plane to connect to. It has a quality robust TPE housing for use with wireless terminals.

The antenna has a RPSMA(M) connector.

It can be used straight or hinged 90 degrees. The antenna has a wide-band response and can also be used from 863-870MHz/902-968MHz applications.



2. Specification

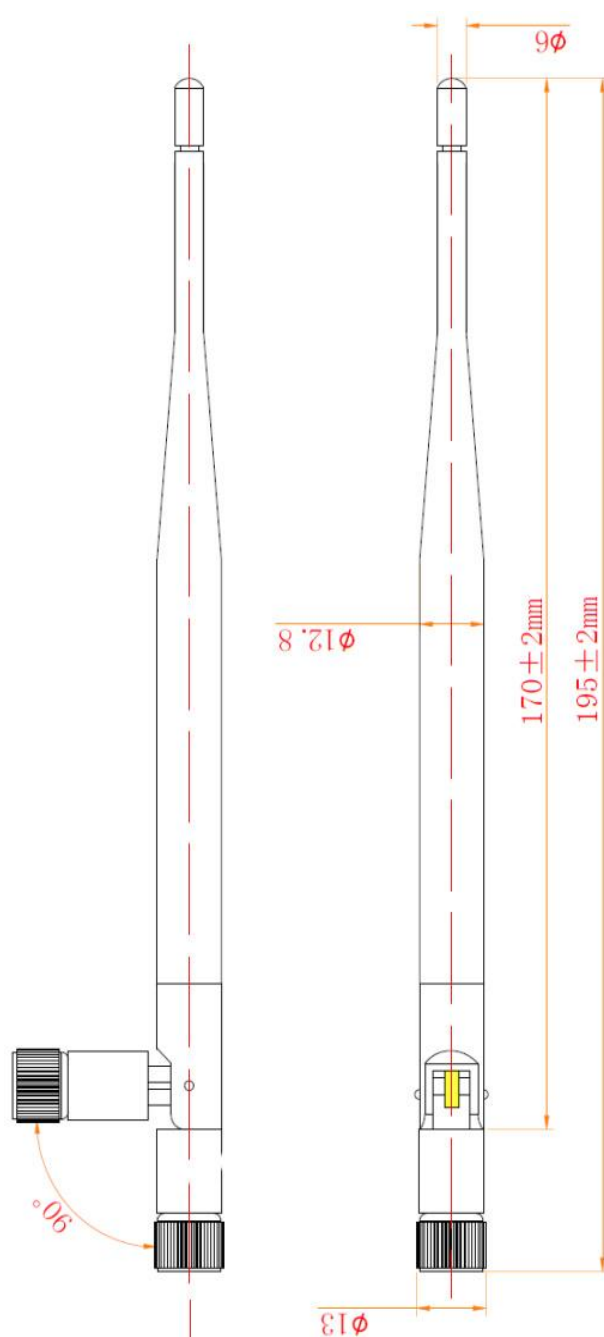
Electrical

Frequency Range	863-870MHz/902-968MHz
Band width	7/66MHz
Gain	3.0dBi
V.S.W.R	≤1.5
Radiation	Omni-Direction
Polarization	Vertical
Maximum Input Power	50W
Impedance	50Ω
Connector	RP-SMA Male
Antenna Radome Material	TPEE

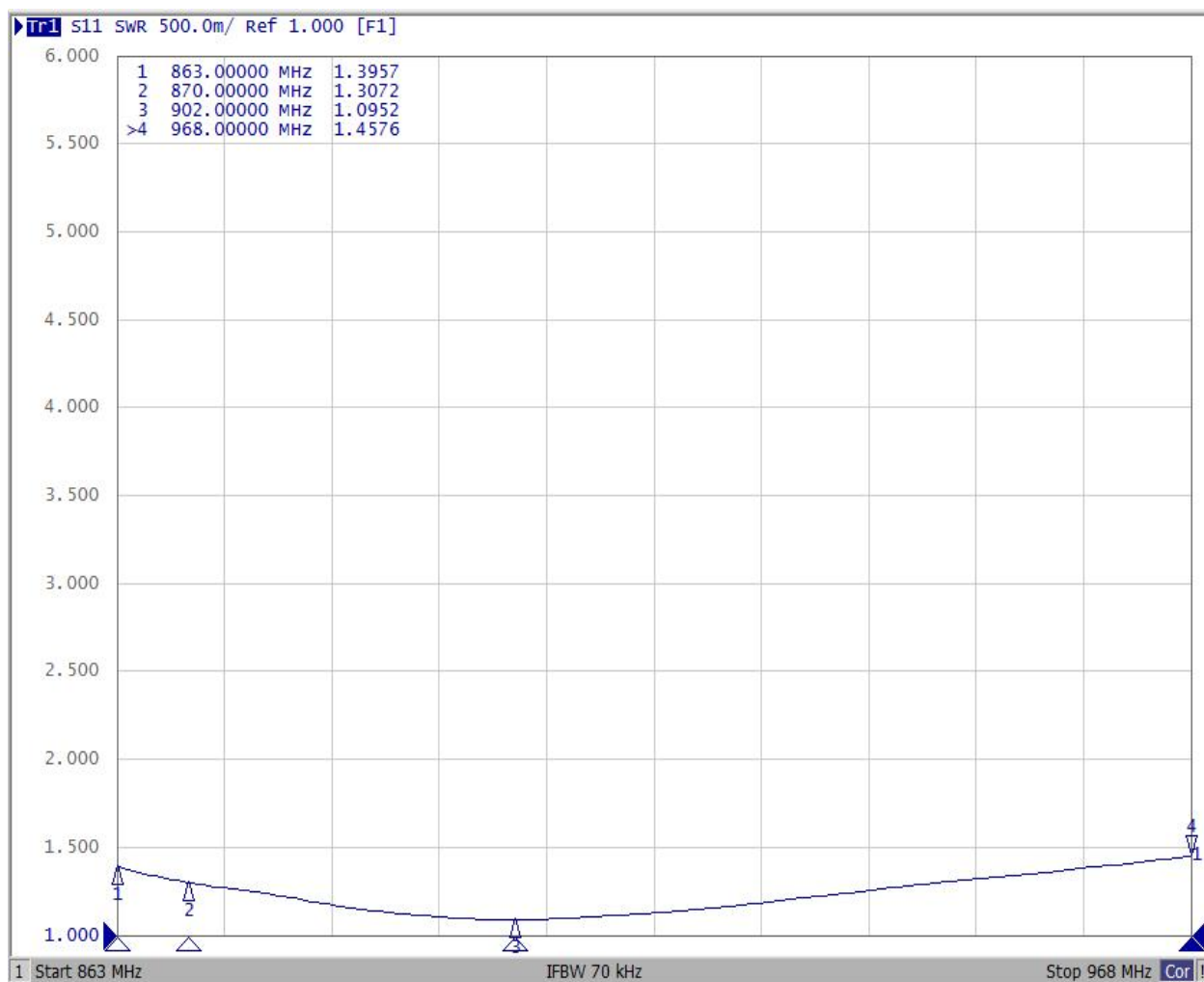
Mechanical

Dimensions	Φ13x195mm
Weight	22g
Waterproof	IP65
Operating Temperature	-40℃ to+70℃
RoHS Compliant	YES

3.Drawing

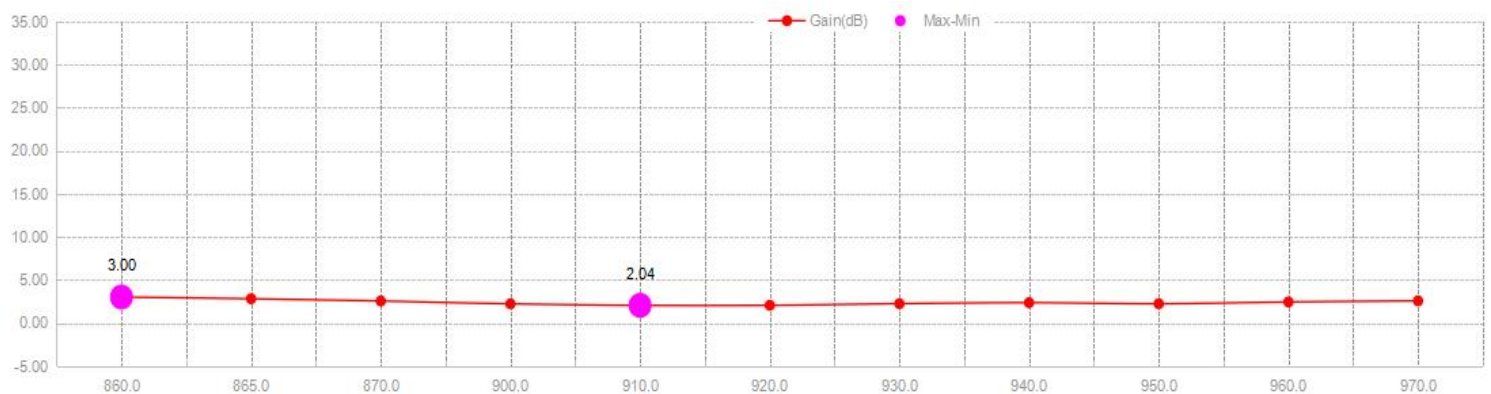


4.V.S.W.R



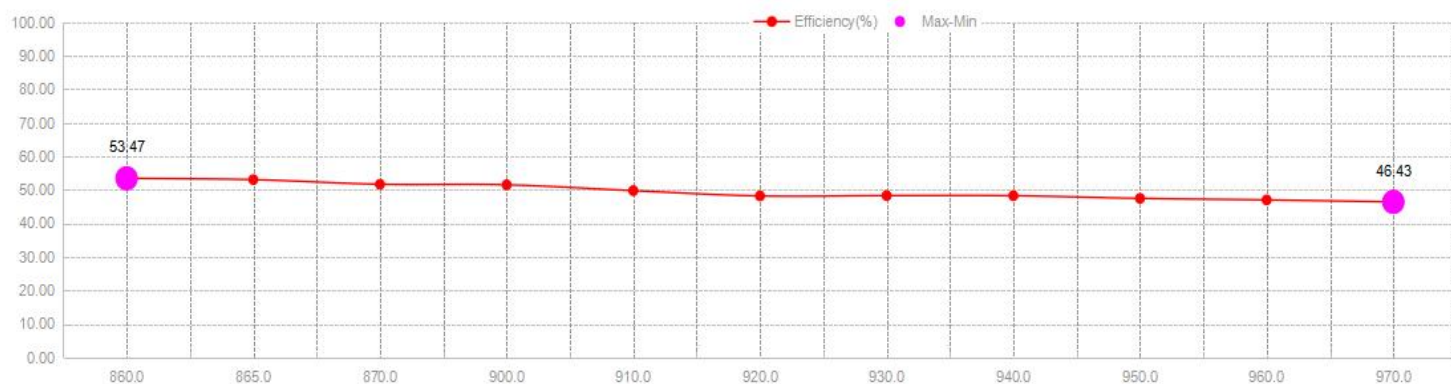
5.Efficiency

Ltem	Freq(MHz)	Test Result (dBi)
(Peak Gain)	863	3.00
	870	2.54
	902	2.21
	915	2.04
	968	2.56



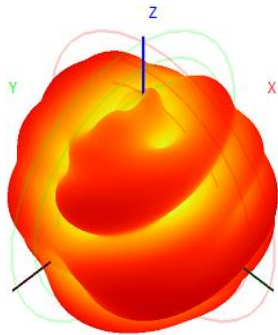
6. Peak Gain

Ltem	Freq(MHz)	Efficiency Test (%)
(Efficiency%)	863	53.47
	870	51.70
	902	51.53
	915	49.79
	968	46.43

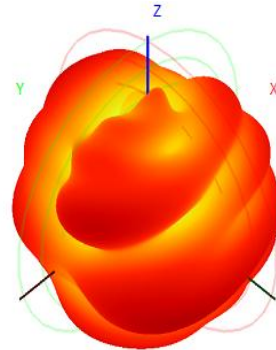


7.Radiation Pattern

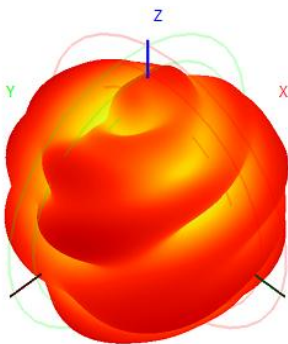
863MHz



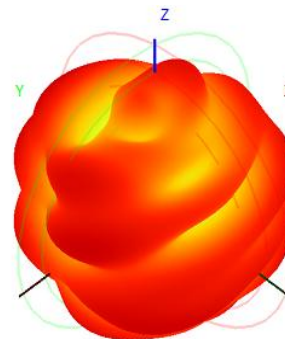
870MHz



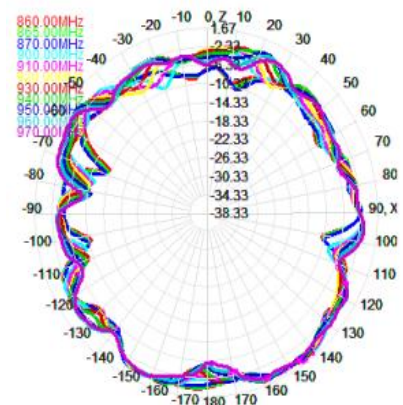
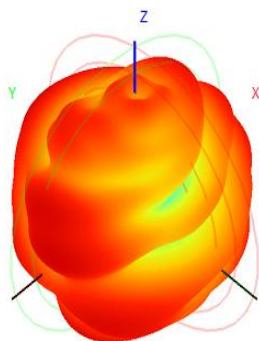
902MHz



915MHz



968MHz



8.Test Environment Diagram

