

MAXTENA, INC



GPS/GSM/WIFI

SPECIFICATION

GPS Dielectric Antenna

Center Frequency 1575.42 MHz \pm 3 MHz

V.S.W.R 1.5 : 1

Band Width \pm 5 MHz

Impedance 50 ohm

Polarization Type RHCP

LNA / Filter

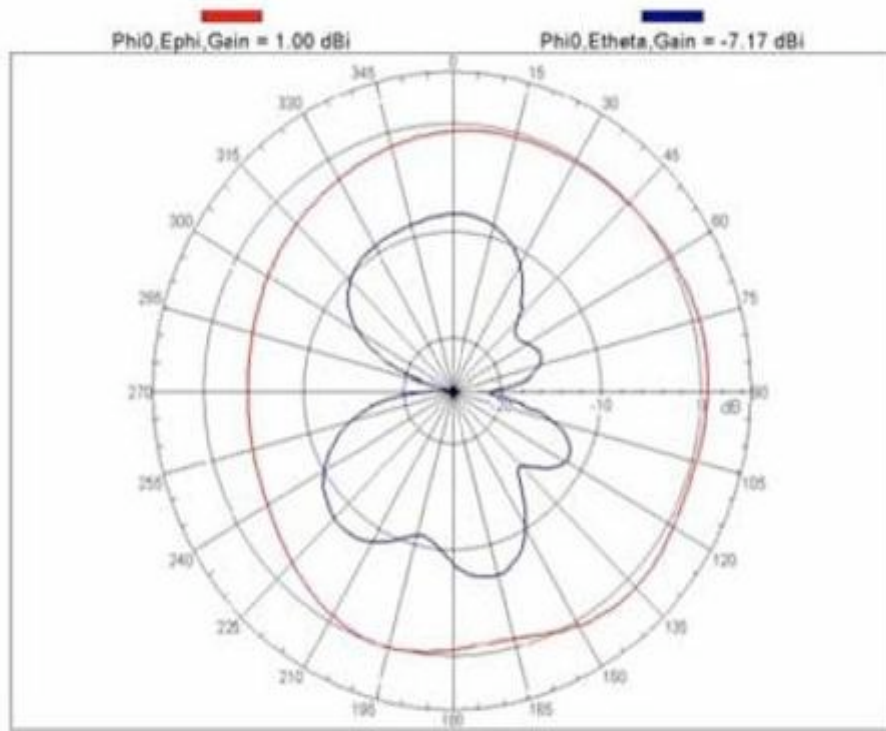
LNA Gain(Without cable) 30 dB Typical

Noise Figure 1.5 dB

DC Voltage 2.2~5 V

DC Current 5~15 Ma

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Phi=0° for 1.575 GHz



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GSM Antenna

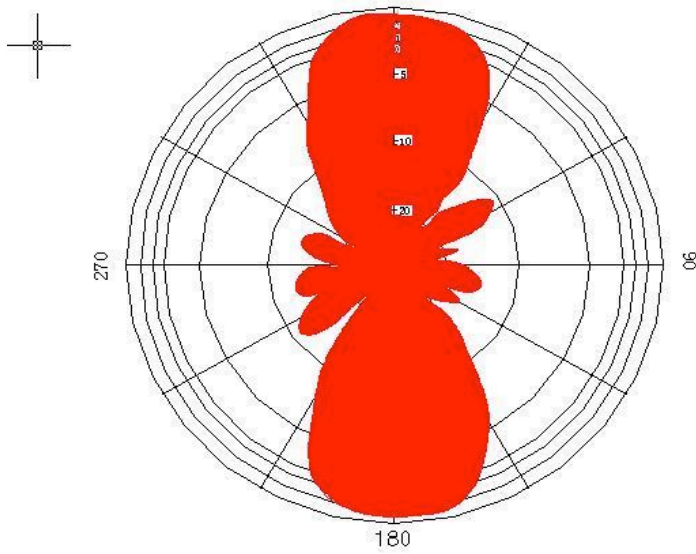
Frequency 824~894 MHz / 1710~1990 MHz

880~960 MHz / 1710~1990 MHz

V.S.W.R(5m) 2.0 : 1

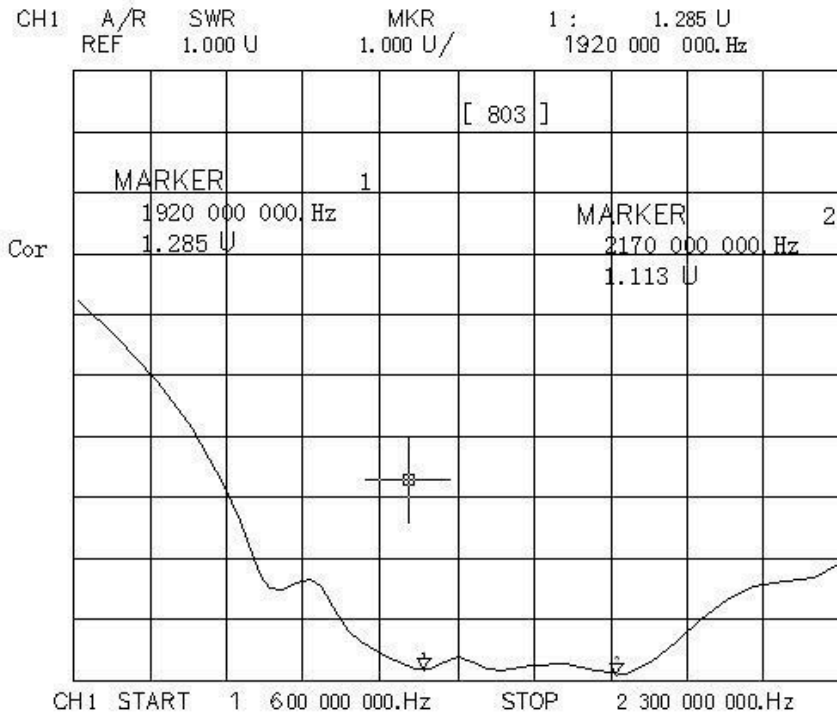
Impedence 50 ohm

Typical Gain 2 dBi



2100 MHz Vertical Pattern

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WiFi Antenna

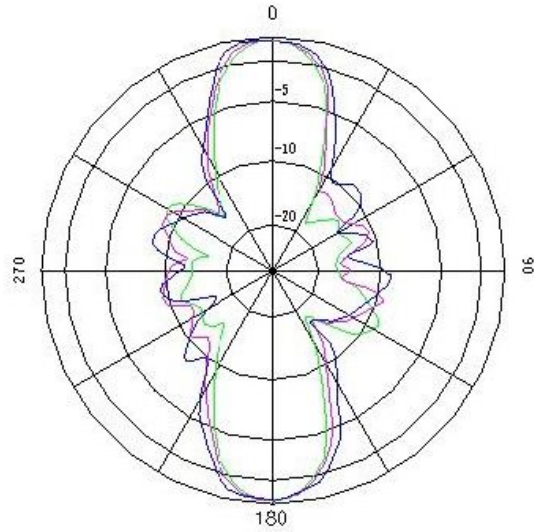
Frequency 2400~2500 MHz

V.S.W.R(5m) 2.0 : 1

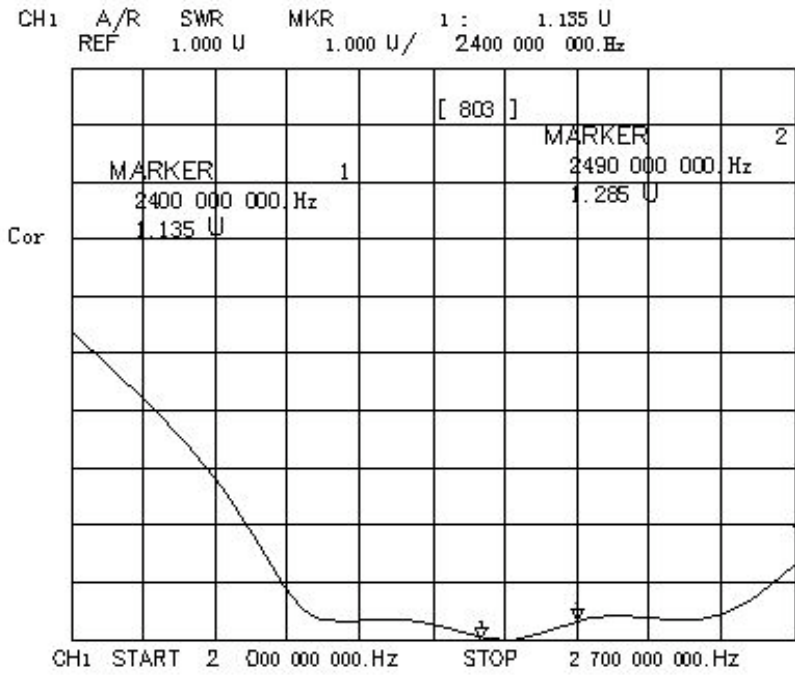
Impedence 50 ohm

Typical Gain 3 dBi

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2400 MHz Vertical Pattern



Mechanical

Cable RG174 3m / 5m or others

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Connector SMA / SMB / MCX or others

Housing Black or others

Environmental

Working Temp $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$

Humidity 55%~75%RH

Waterproof IP67