

ANT S.r.l.

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DESCRIPTION

2400 MHz antenna 1/2 wave
 omnidirectional dipole antenna
 (geometry $\lambda/2 - 1/2$ wave)
 with SMA plug connection

**Mistral-L WIFI2400****P/N: L00-008****ELECTRICAL DATA**

Frequency range 2400-2500 MHz
 (V.S.W.R. < 2 : 1)
 Impedance: 50 Ω
 V.S.W.R.: < 1.5 : 1
 Max powe: 15 W
 Polarisation: Linear
 Radiation: Omnidirectional
 Gain: about 2.1 dBi

MECHANICAL DATA

Dimensions (about): $\varnothing 15 \times 199$ mm
 Connection: SMA plug (thread on brass insert, other connection on request)
 Cable: On request
 Operating temperature range: $-40^{\circ} / +80^{\circ} \text{C}$
 Weight: 0.025 kg
 Radome material: Thermoplastic elastomer
 Radiating element material: Steel, brass
 Accessories: Waterproof gasket to cover SMA socket nut.
 (to be used only when the SMA plug allows it)



Protection against oxidation: the antenna is designed to be able to withstand the worst climatic conditions, and so that the oxidation of its parts is prevented with the plastic parts being made of raw materials resistant to external environmental agents.

Protection against accidental hits: the antenna is designed so that persons are protected from accidental hits against its projecting parts.

RoHS directive (2002-95-CE and subsequent): The antenna is RoHS compliant.

MOUNTING INSTRUCTIONS:

Please install the antenna on a SMA socket connection ($\varnothing 6.5$ mm hole). If the antenna is to be mounted on box, the provided gasket is to be used depending on the thickness of the box.

WARNING:

The antenna does not require a ground plane.

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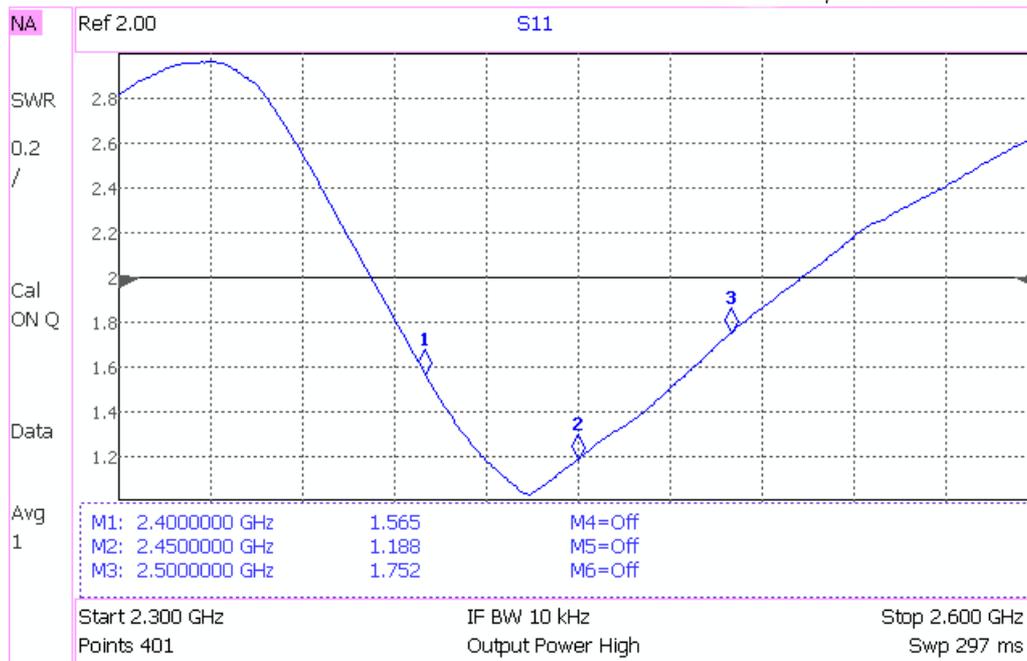
Mistral-L WIFI2400

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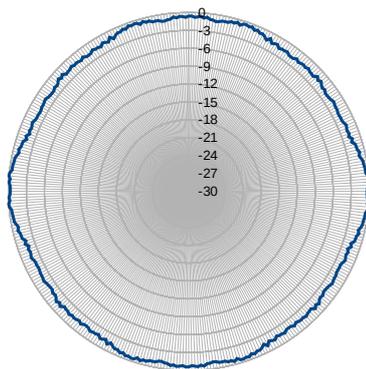
V.S.W.R.

Keysight Technologies

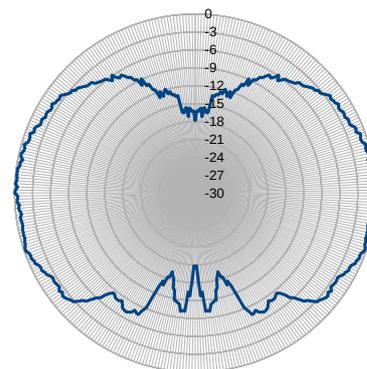
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Radiating pattern



2450 MHz H-plane



2450 MHz E-plane