

WPANT30005-SA

2.4 GHz Wi-Fi Stubby Antenna



Description / Application

This is a 2.4 GHz ISM Band Omni Directional Stubby Antenna, which is ideal for mounting on any metal structures / surfaces. Compact Size and Impressive Performance are its key features. It comes with an SMA male connector.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

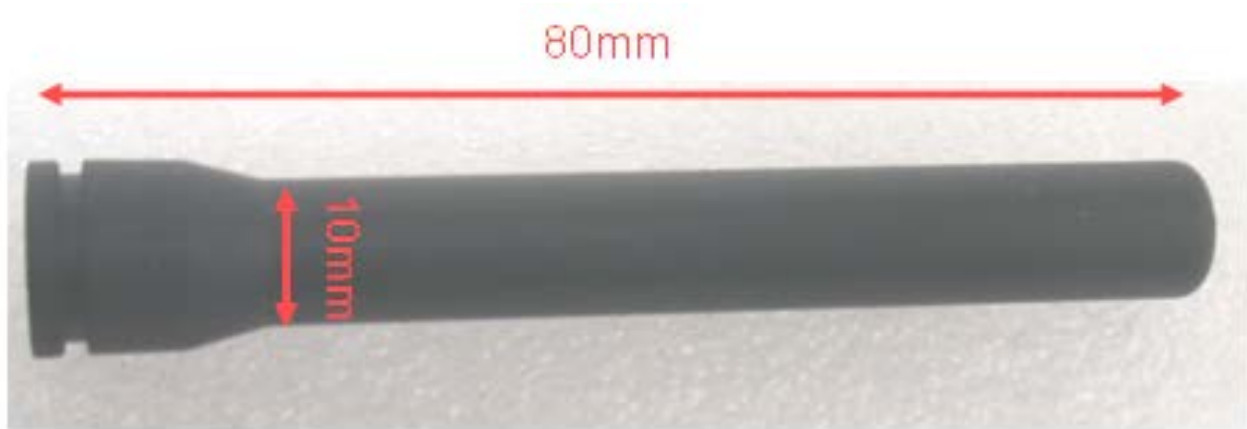
Operating Frequency	2.4 – 2.5 GHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR – Typical*	< 2:1
Peak Gain [dBi] (Typical)*	3 dBi
Efficiency [%] (Typical)*	90 %
Polarization	Linear
Pattern	Omni-directional

*Note: RF Performance Metrics recorded with Antenna placed on top of a Rectangular Metal Box, with dimensions of 10" X 8" X 5".

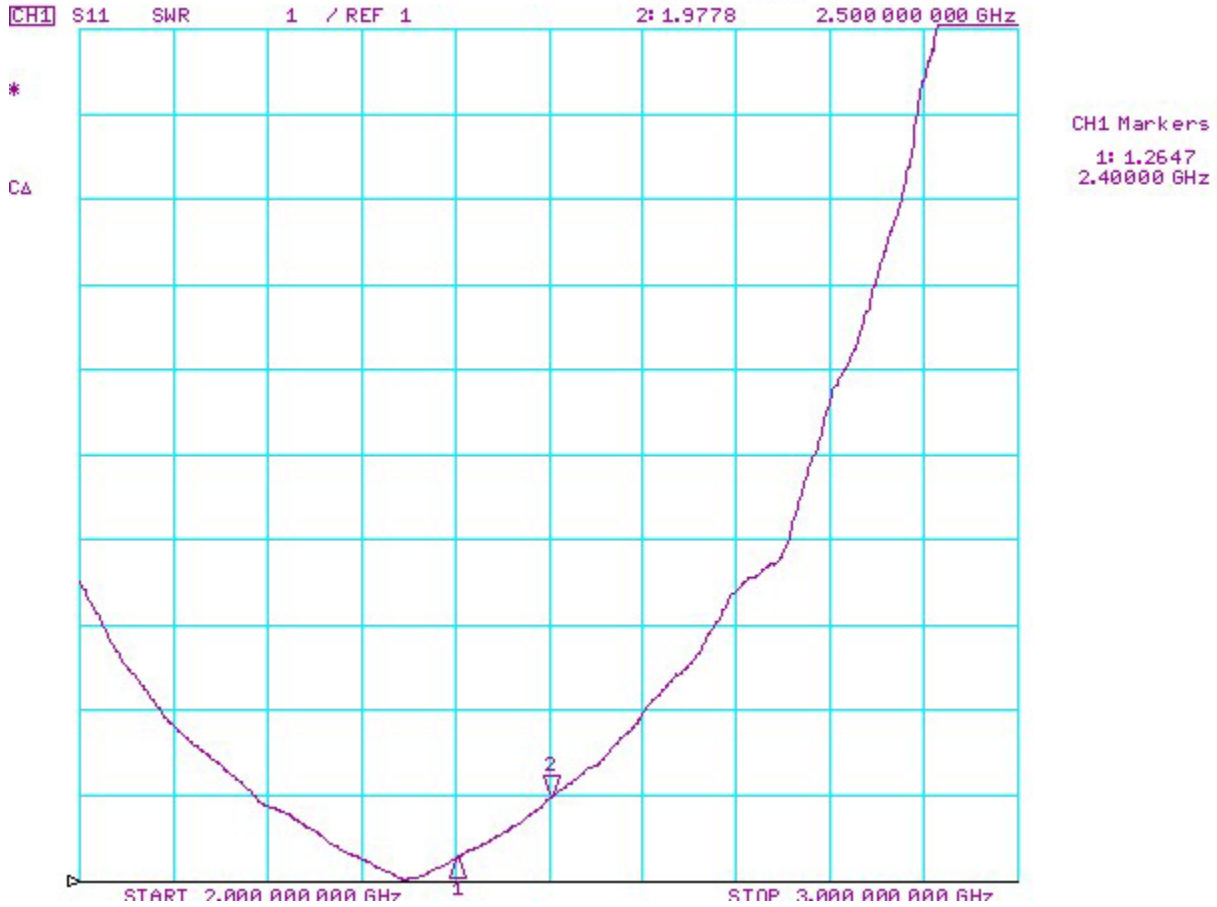
Mechanical / Environmental Properties

Antenna Dimensions	3.1" Height X 0.39" Diameter (80mm X 10mm)
Antenna Color	Black
Connector	SMA Male
Radome	ABS
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures of the Antenna

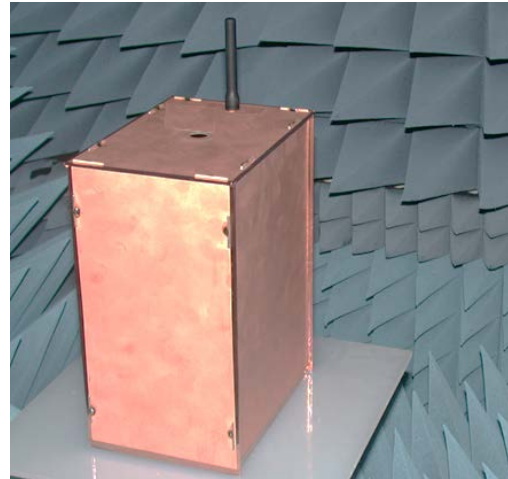
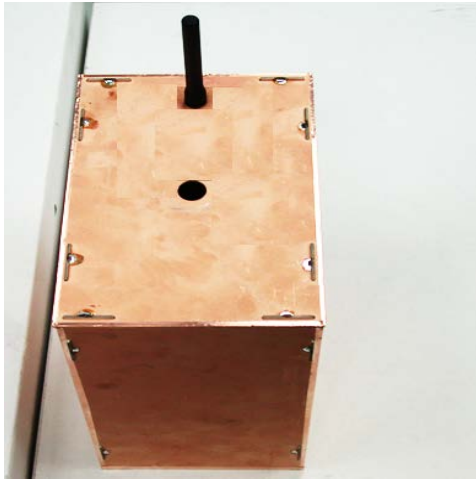


VSWR of the Antenna (installed on top of a Metal Box)



Evaluation Criterion (Metal Box of 10" X 8" X 5")

Antenna Placed towards the Edge of the Box



Antenna Placed at the Center of the Box

