

WPANT30028-SA

2.4 GHz High Gain TRUE-OMNI Antenna



Description / Application

This is a 6 dBi True-Omni directional Antenna that has a good Doughnut shaped pattern. This antenna can be used by any repeater system in the Wi-Fi band in order to maximize the Coverage Radius. It is terminated at the port by a Type-N Male connector.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. 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)	6 dBi
Efficiency [%] (Typical)	85 %
Polarization	Linear
Pattern	Omni-directional
Accepted Power [W] (Max)	2 Watts

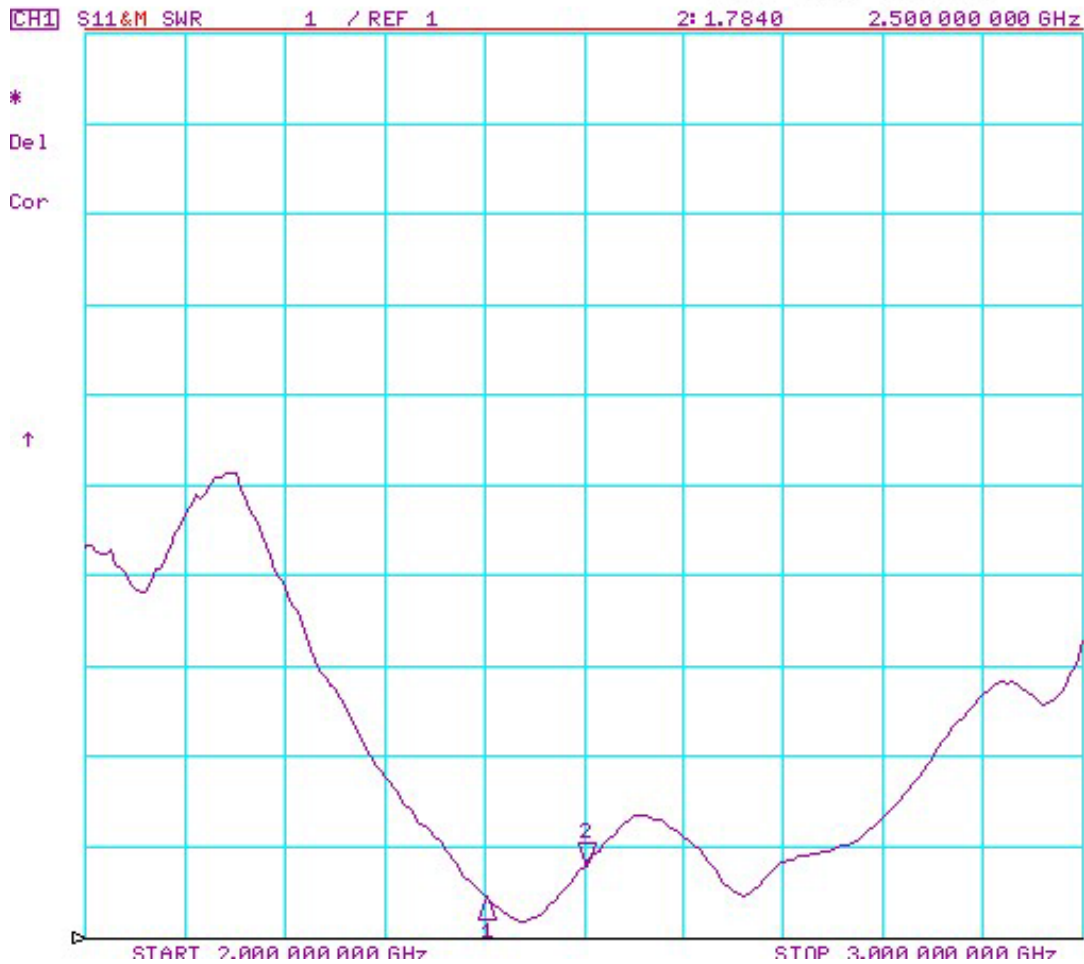
Mechanical / Environmental Properties

Antenna Height	13.72" (from the bottom of the Connector to the top of the Radome)
Antenna Base	2.72" max dimension
Antenna Color	Cool Grey
Metal Base	Black Anodized Aluminum
Connector	Type-N Male
Antenna Radome	ABS + Polycarbonate
Operating / Storage Temperature	-40°C to +90°C
Environmental	Salt Spray Resistant, Water Ingress Resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant
Packaging	Meets ISTA 2A Standards

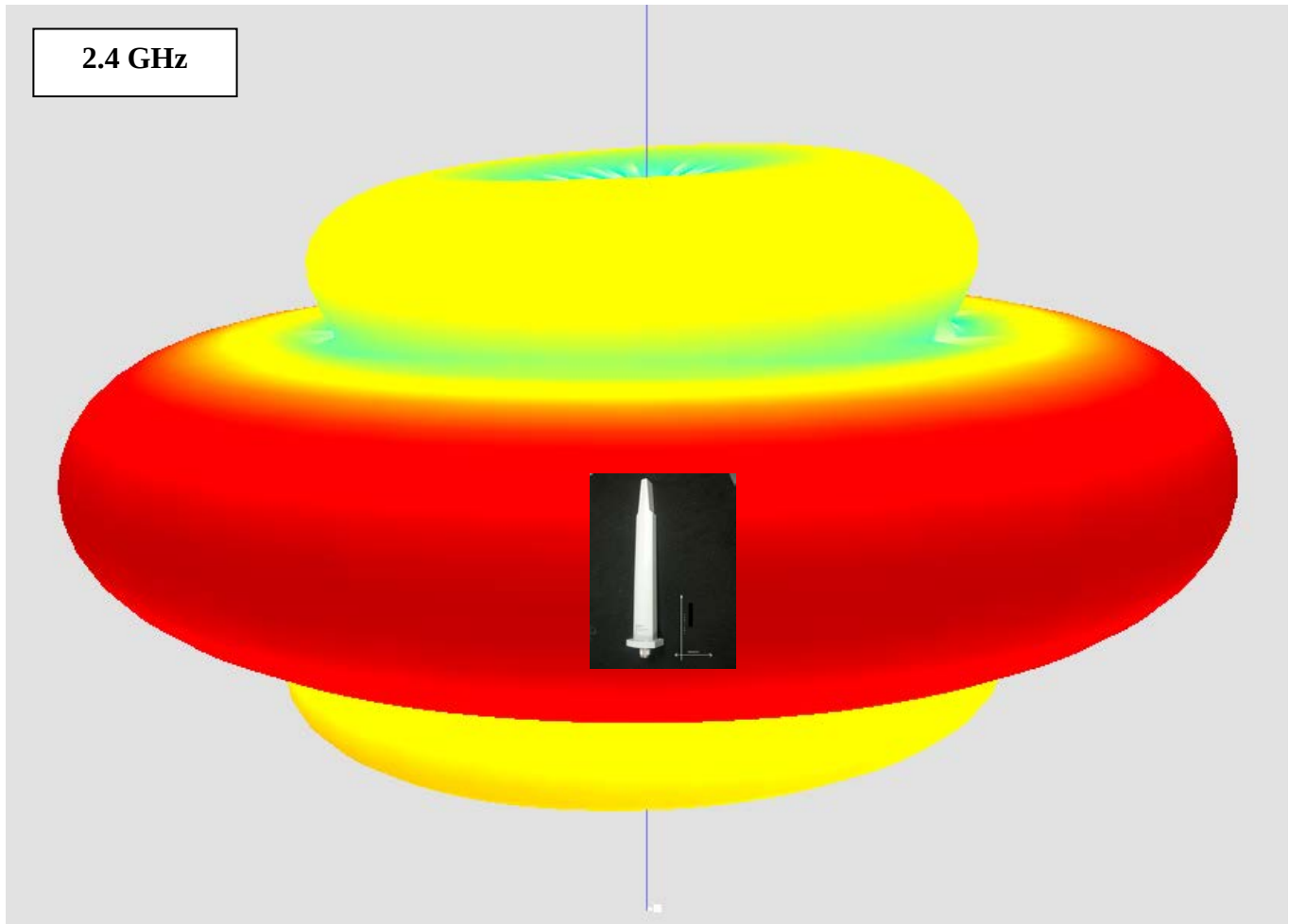
Pictures of the Antenna



VSWR of the Antenna



3D Radiation Pattern of the Antenna



Note: The Radiation Patterns might appear little tilted. But, this is not because of the Antenna. This is due to the tolerance in positioning of the Antenna in the 3D Anechoic Chamber.