Picture of the Part



Application

WPANTDP036 Antenna is a 915 MHz ISM band Omni Directional Stubby Antenna. It comes with a black anodized Reverse Polarity (RP) SMA Male connector that has a swivel mechanism.

WP Wireless can assist your engineers to optimize mounting positions for these antennas in your specific application and can further customize the antennas for your specific needs. Please contact sales@wp-wireless.com with your specific application requirements.

Electrical Properties

Parameter	Antenna Performance
Operating Frequency	900 – 930 MHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω
VSWR – Typical	< 2:1
Peak Gain [dBi] (Typical)	2 dBi
Polarization	Vertical
Pattern	Near Omni Directional; Also depends on installation
Accepted Power [W] (Max)	50 Watts

Mechanical / Environmental Properties

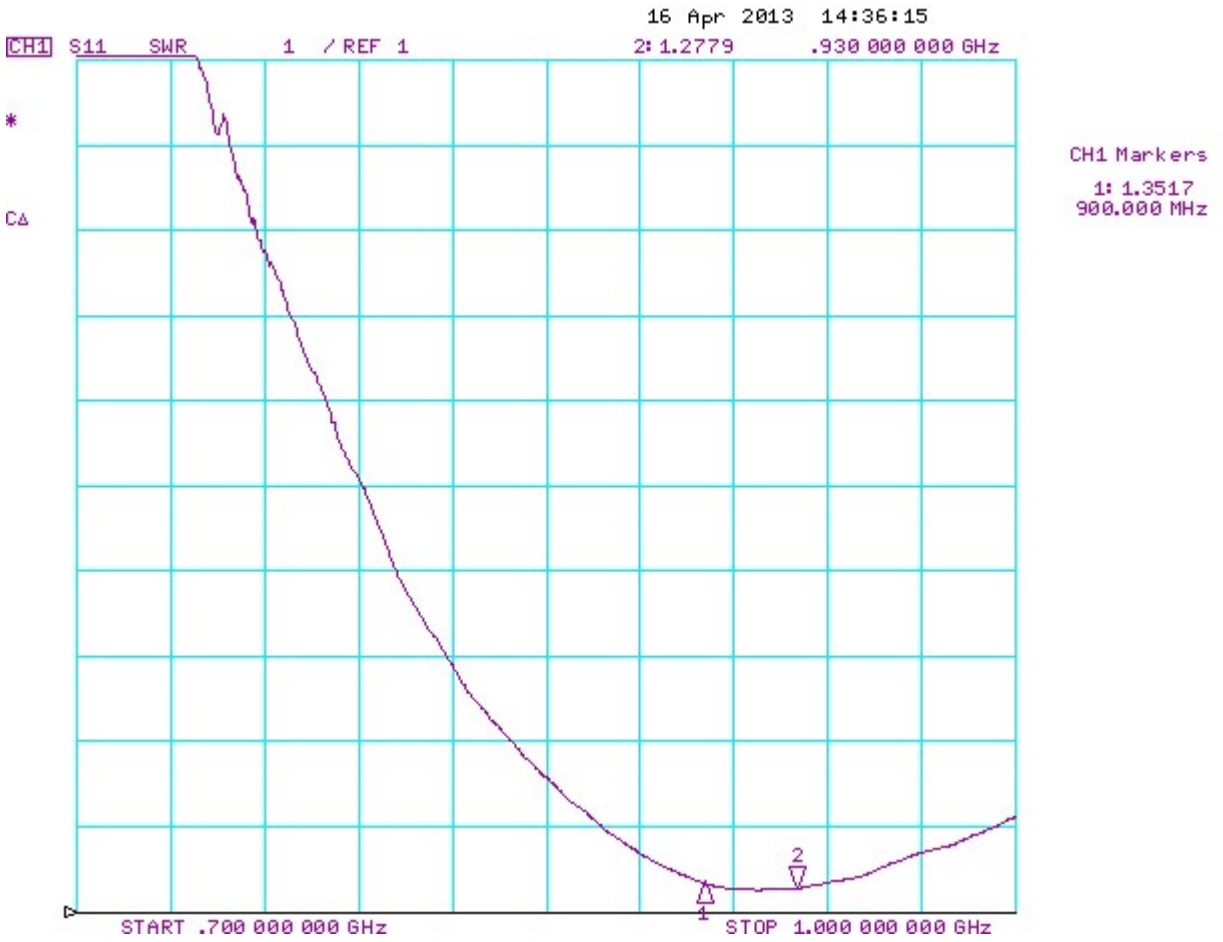
Item	Value
Antenna Height	195mm
Antenna Color	Black
Connector	Black anodized RP-SMA Male
Antenna Radome	Plastic
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

Pictures of the Antenna

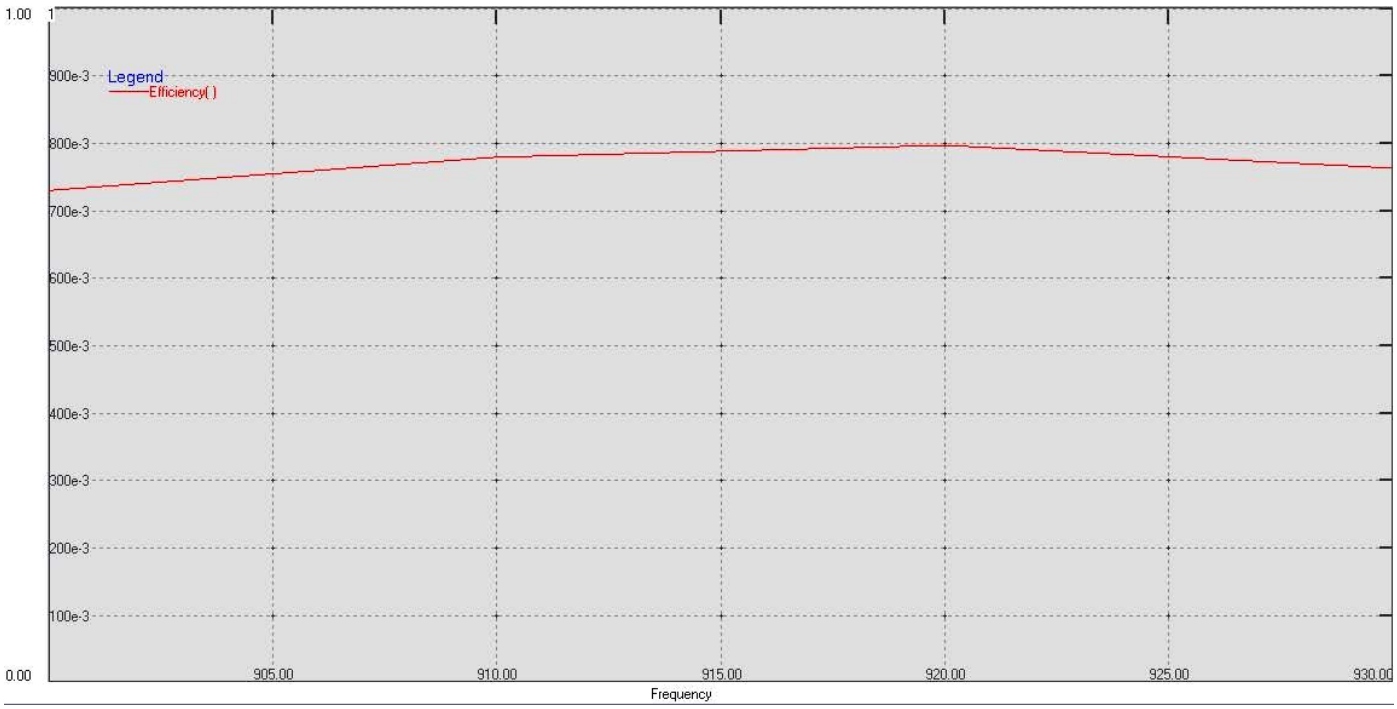




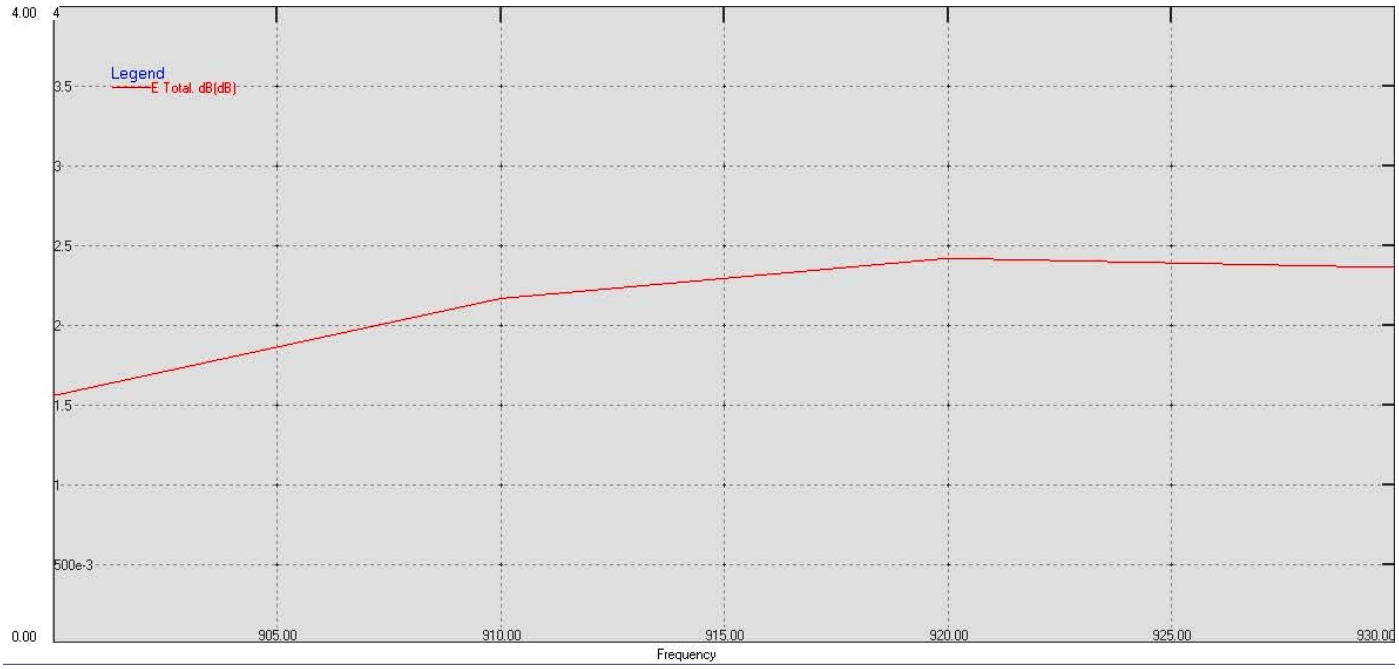
VSWR of Antenna



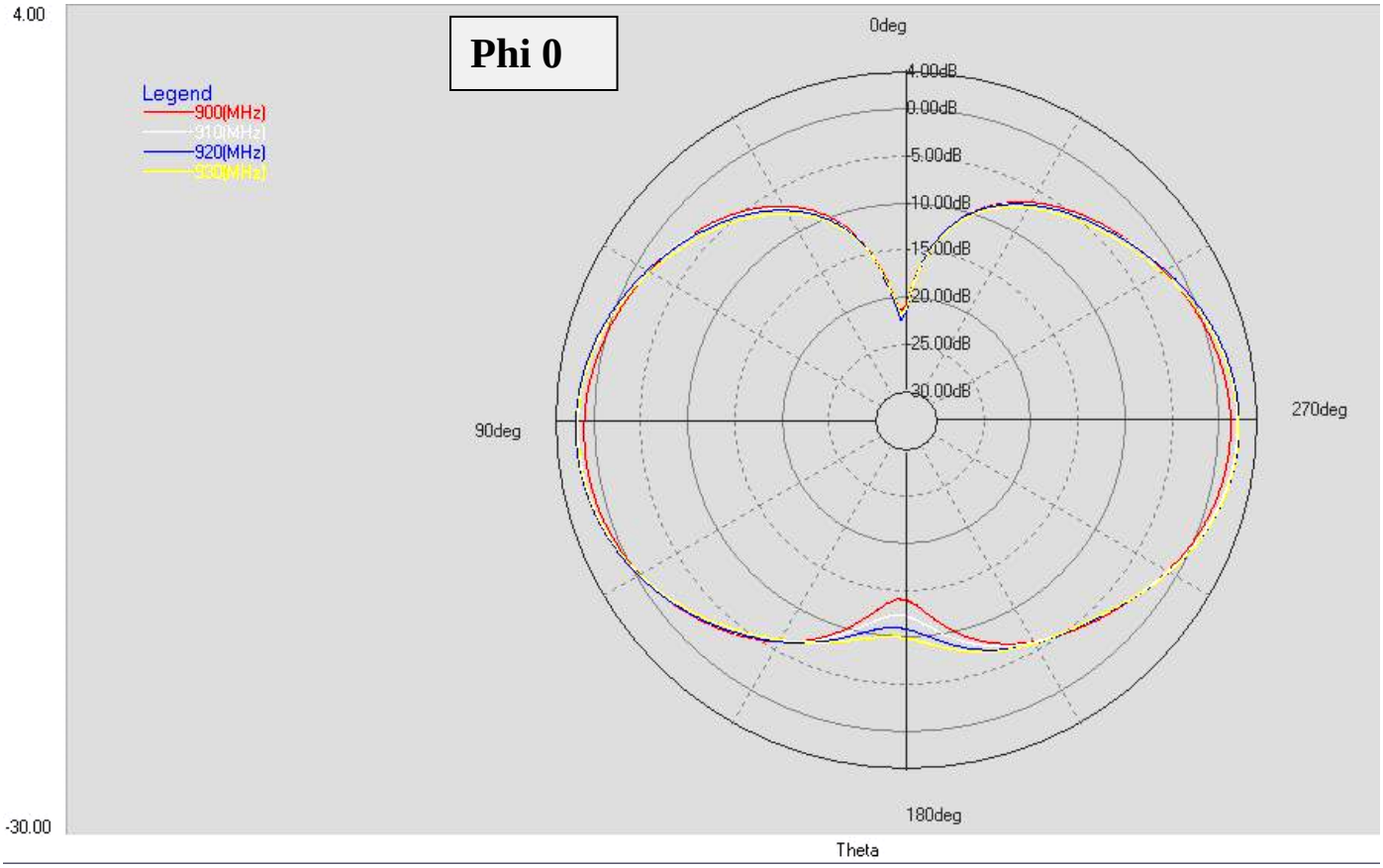
Antenna Total Radiation Efficiency in % (including VSWR losses)



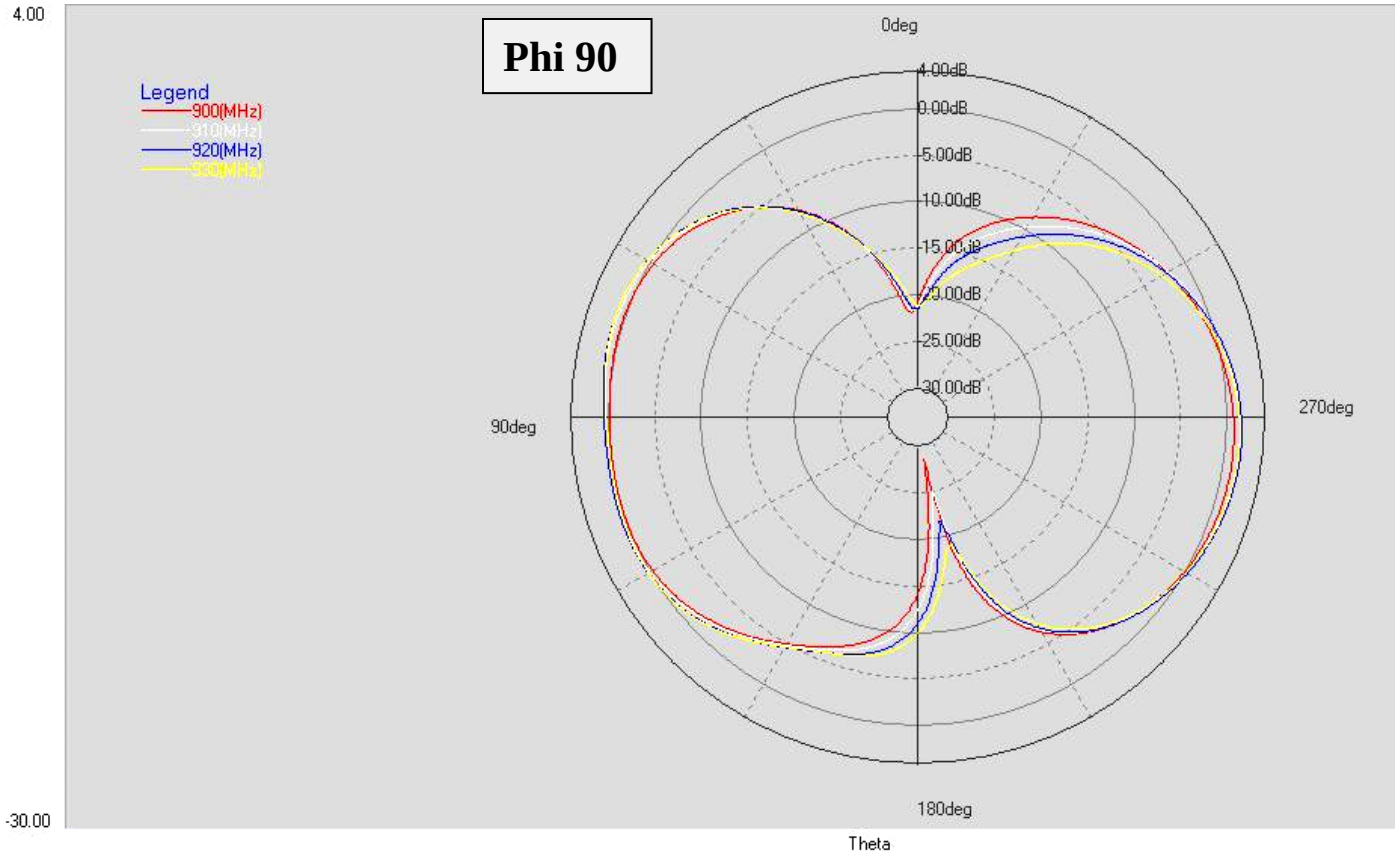
Peak Gain in dBi



2D Radiation Pattern (Elevation #1)



2D Radiation Pattern (Elevation #2)



2D Radiation Pattern (Azimuth)

