



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

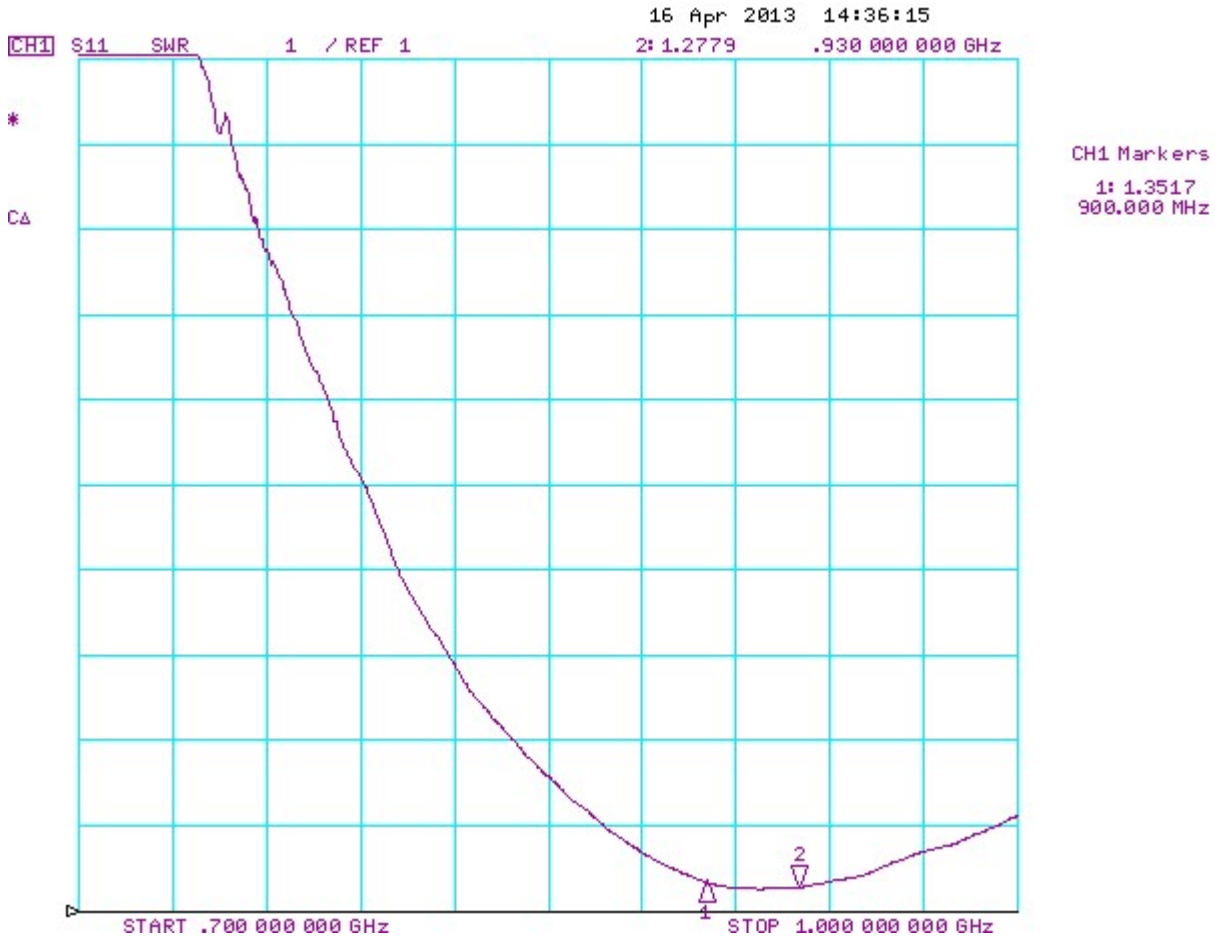
| Item | Value |
|---------------------------------|------------------------------|
| Antenna Height | 195mm |
| Antenna Color | Black |
| Connector | Black anodized RP-SMA Male |
| Antenna Radome | Plastic |
| Operating / Storage Temperature | -40°C to +90°C |
| Environmental | Meets standards for UL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

Pictures of the Antenna

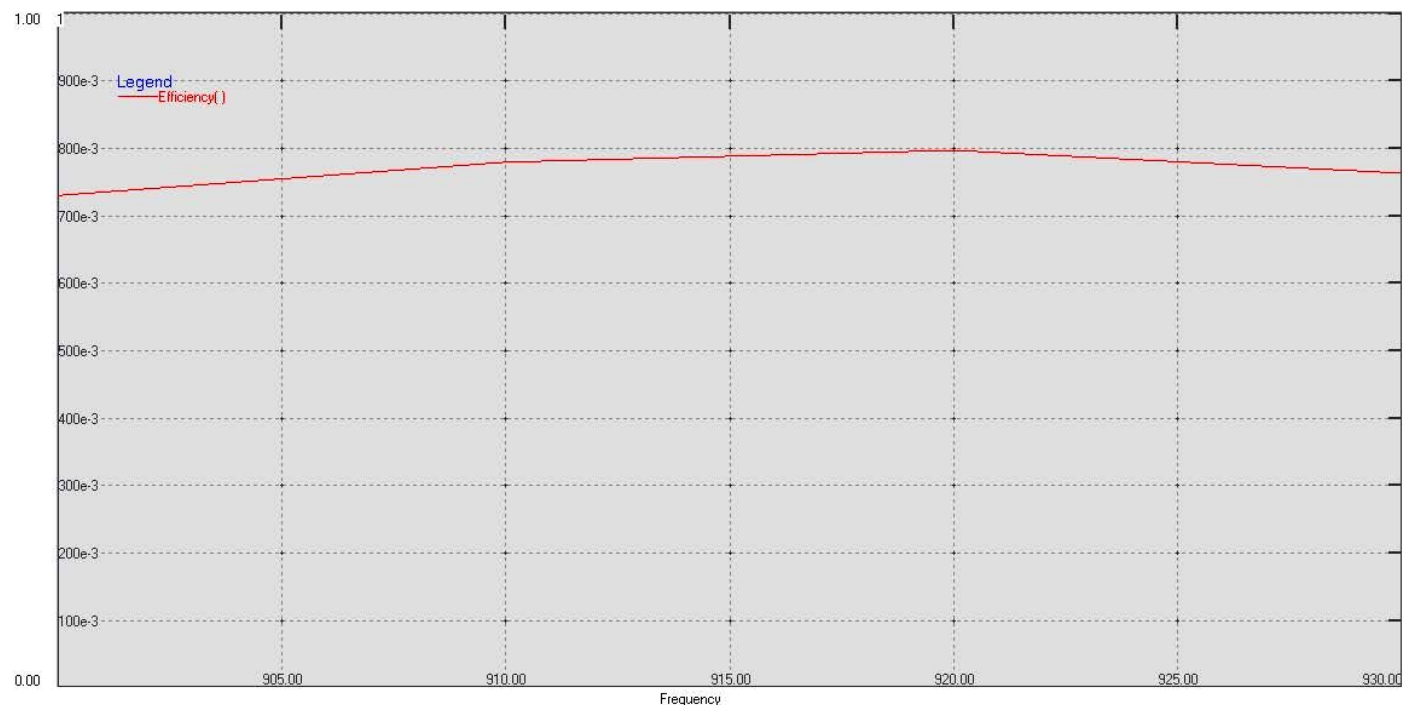




VSWR of Antenna

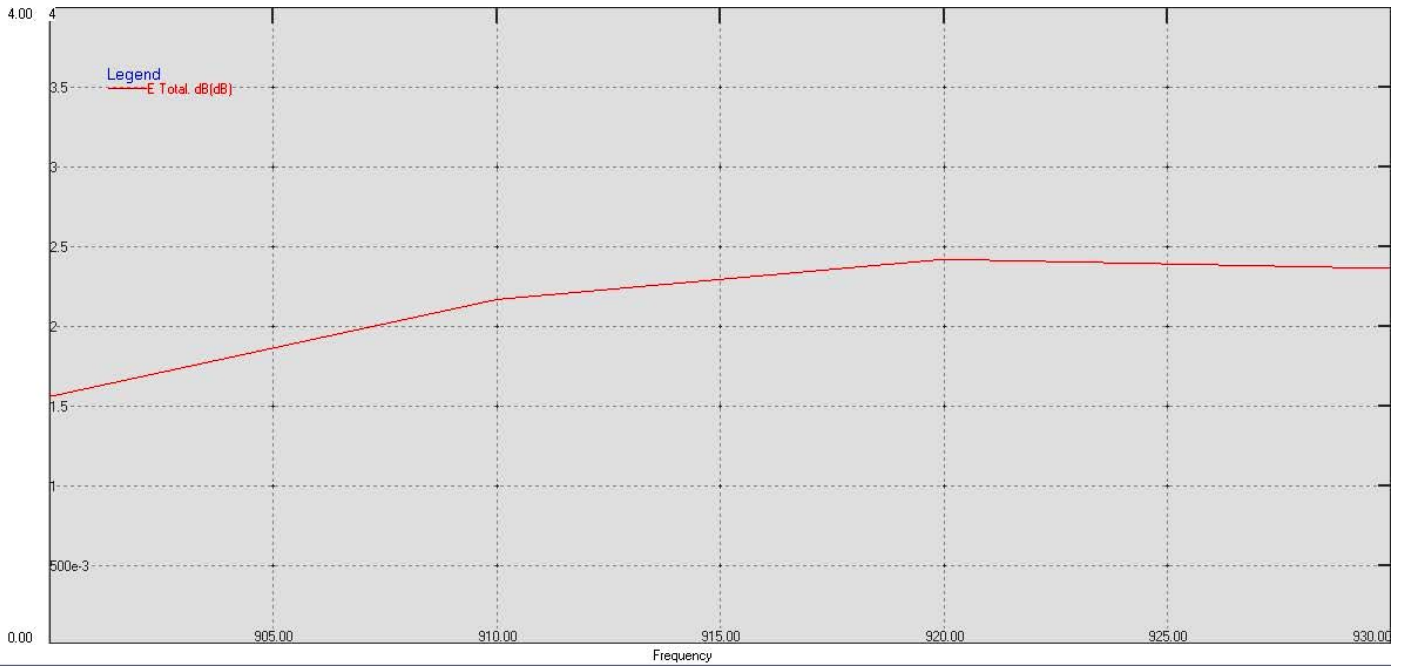


Antenna Total Radiation Efficiency in % (including VSWR losses)



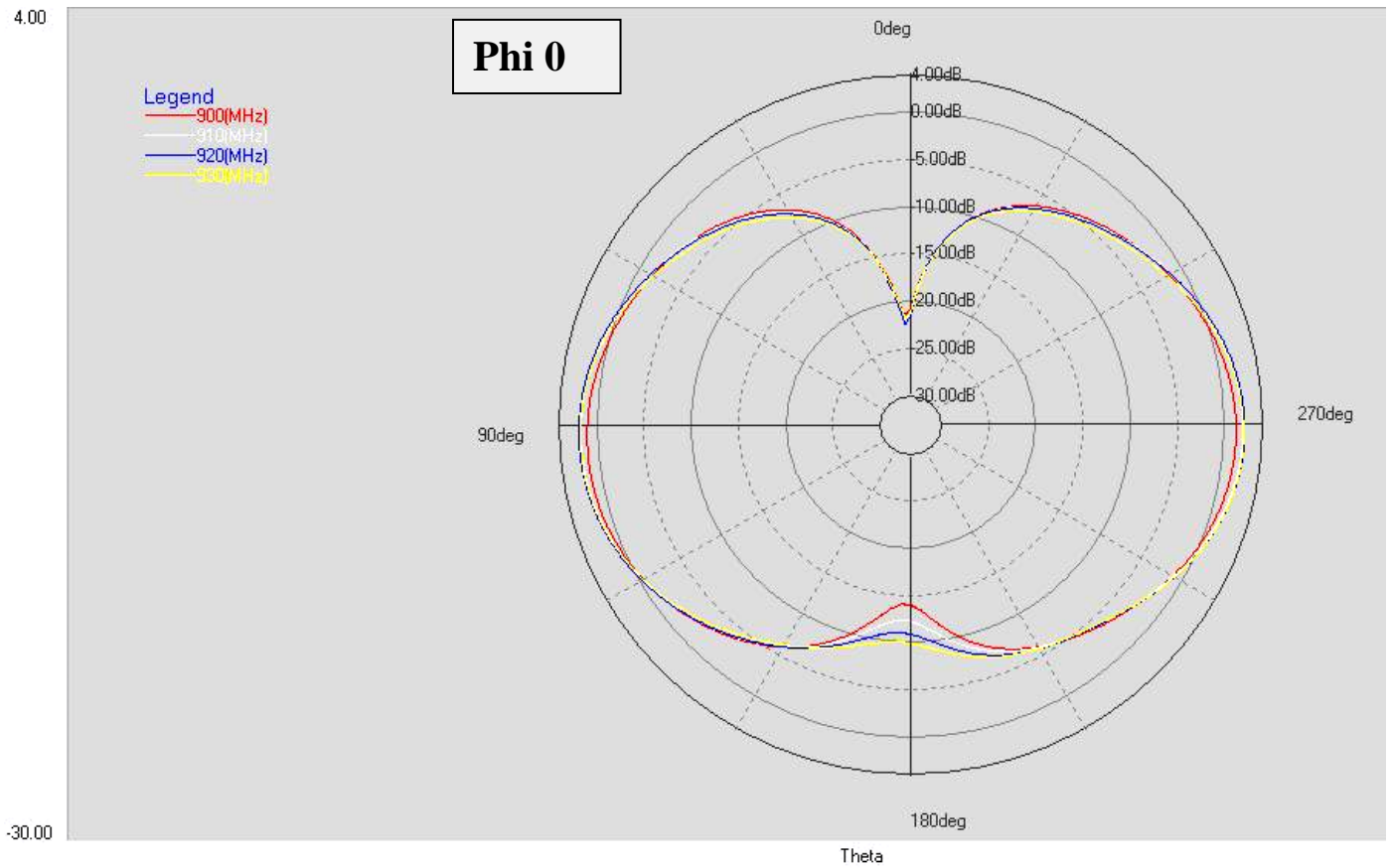


Peak Gain in dBi



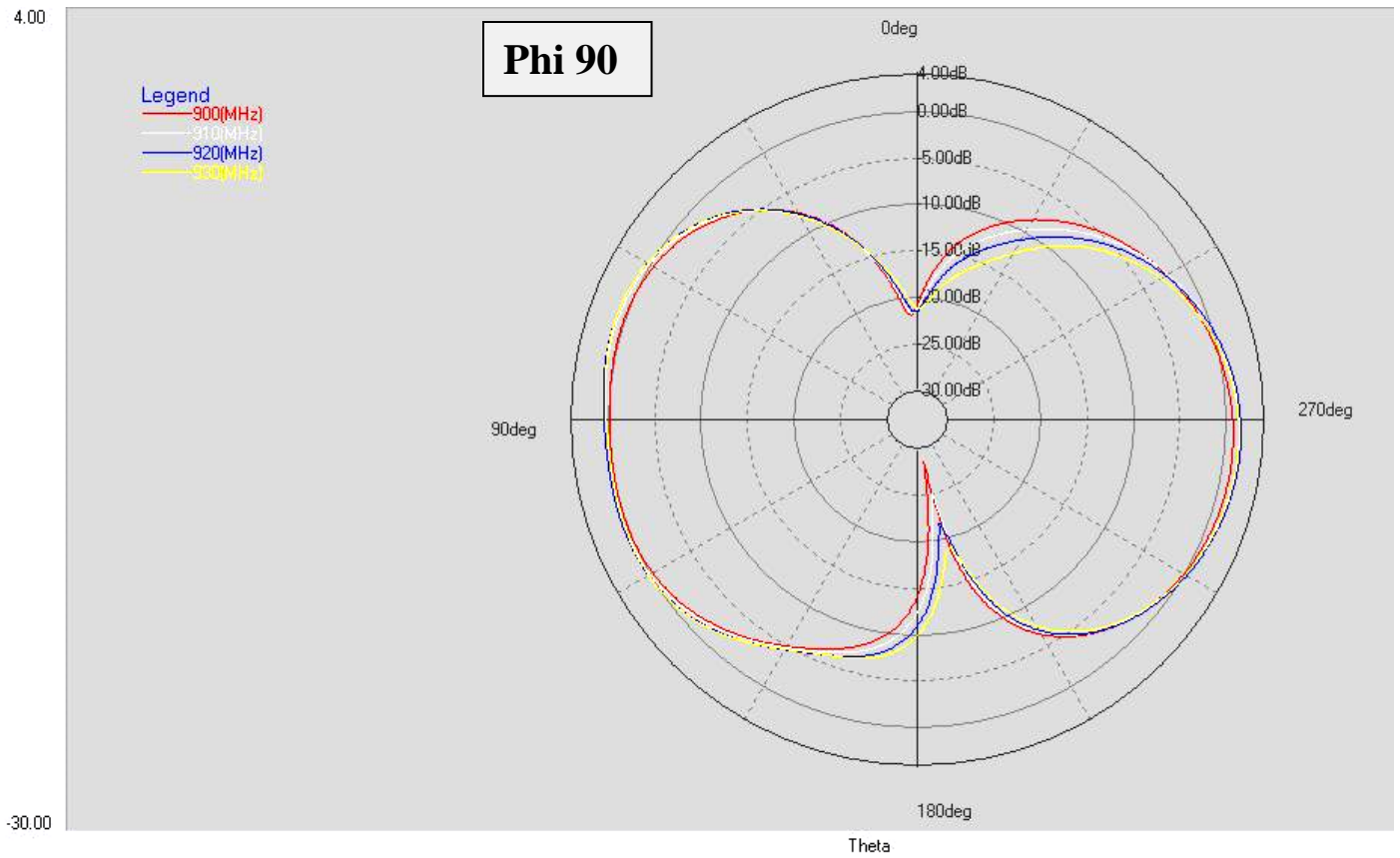


2D Radiation Pattern (Elevation #1)





2D Radiation Pattern (Elevation #2)





2D Radiation Pattern (Azimuth)

