



MPDP225X2/1.25-2.7

225-450, 1250-2700MHz

UHF/L/S Tri-Band Band Antenna

The MPDP225X2/1.25-2.7 antenna is designed to be used with Mobile Ad-Hoc Networking (MANET) radio systems. This antenna has been optimized for the Trellisware® TSM™ and KATANA™ Waveforms and other radios that operate in the 225-450 / 1250-2700MHz bands.

The antenna is designed with a state of the art Antenna Matching Unit (AMU) and radiating element for maximum efficiency. Built robust and tough, this antenna is housed in a thick UV stable radome and is constructed from corrosion resistant material for reliability in the harshest environments and also designed to meet the rigors of MIL-STD-810.



Features

- Adaptable to other platforms
- Integrated AMU (Antenna Matching Unit)
- Tri-Band—UHF / L-band / S-band

Electrical Specifications

Frequency	225-450MHz 1250-2700MHz
Polarization	Vertical
Impedance	50Ω
VSWR	<2.5:1, 2:1 Typical
Gain	1.5 dBi ±.5 dBi
Pattern	Omni Directional Azimuth 360°
Power	25 Watts
Connector	TNC-M

Mechanical Specifications

Design	Monopole/Dipole
Height	10.5 in. ± 1/4 in.
Radome	1.12 in. X.5 in. Oval
Weight	4 oz. (113.4 g)
Color	Black/Green/Tan/Grey

**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.

Made in the USA

ISO 9001 Certified
Form F042, Rev: A

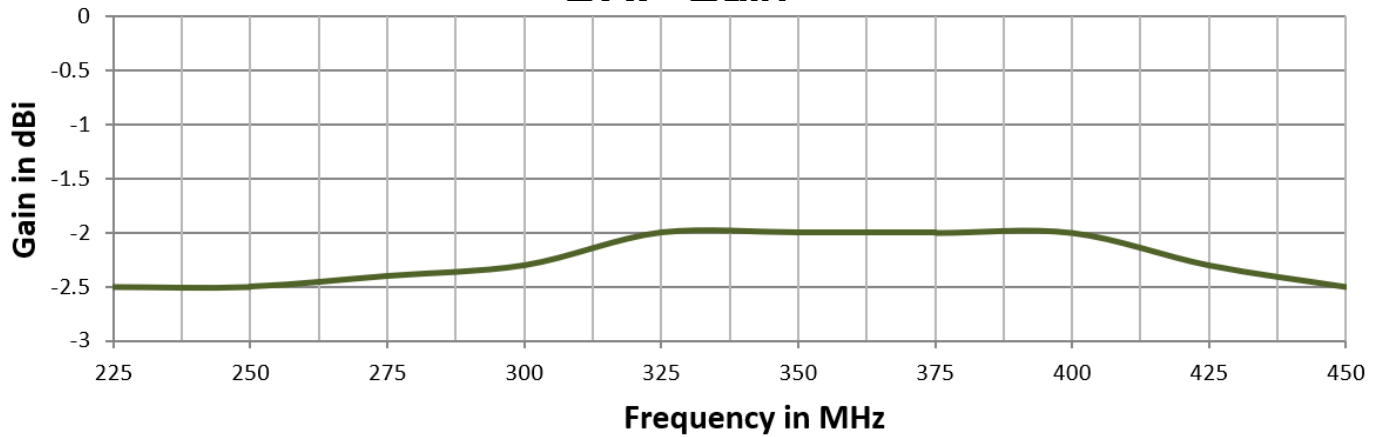
www.hascall-denke.com

12285 U.S. Highway 41 N., Palmetto, FL 34221
1-800-473-2139

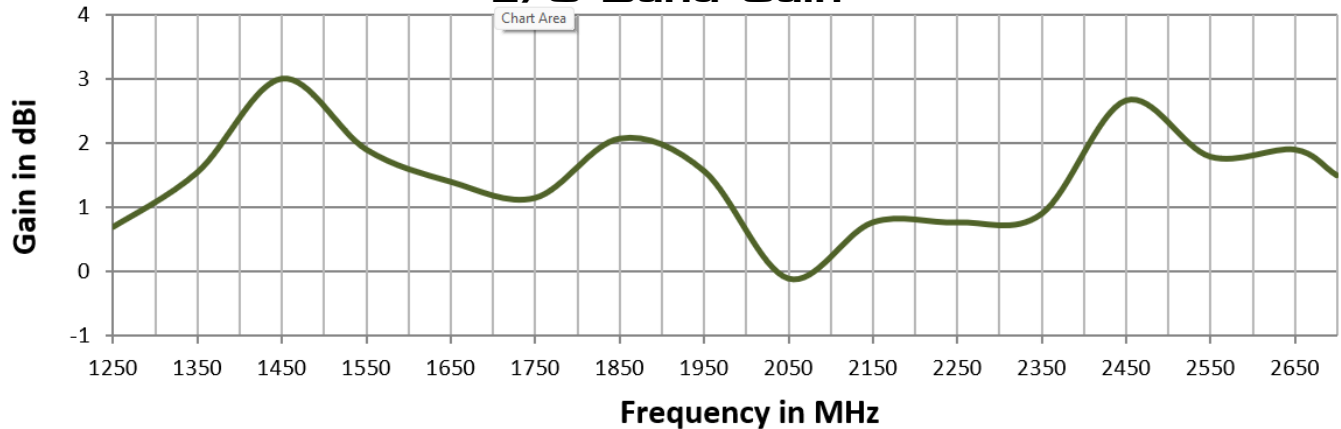
1Y58950



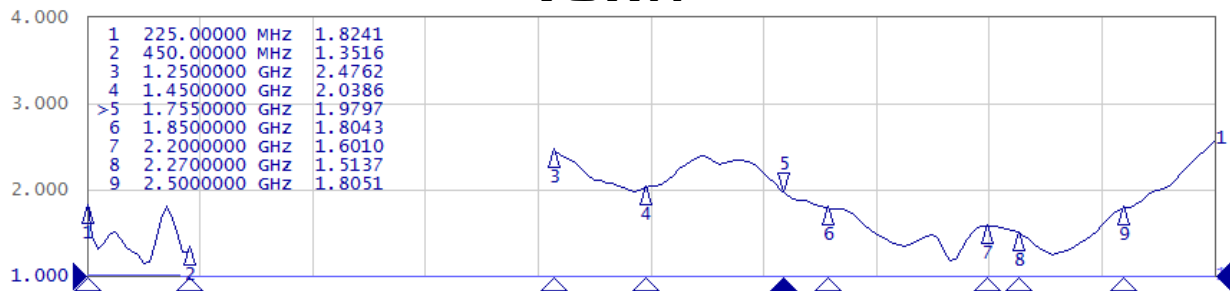
UHF Gain



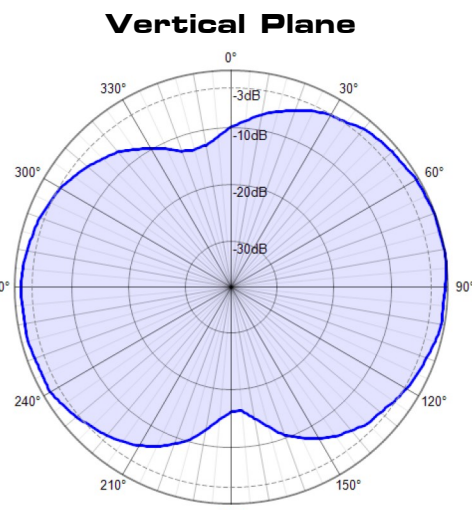
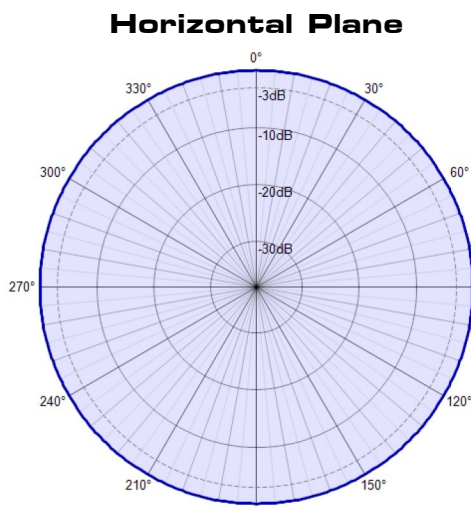
L/S Band Gain



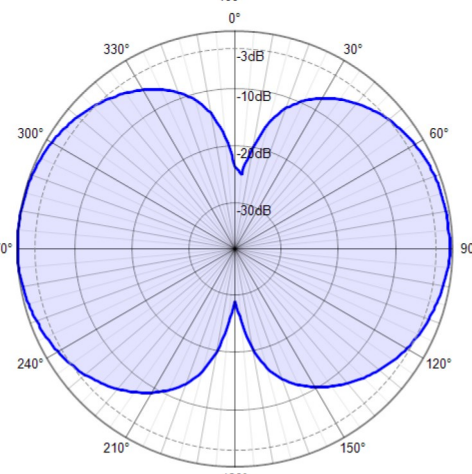
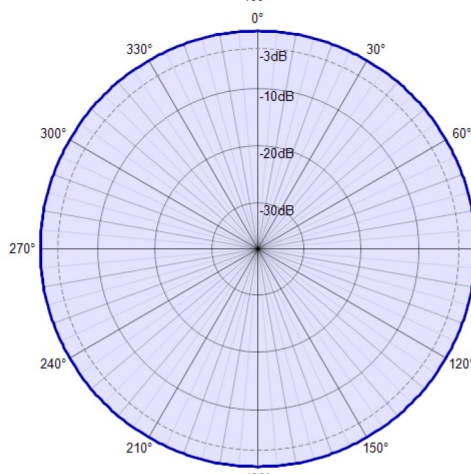
VSWR



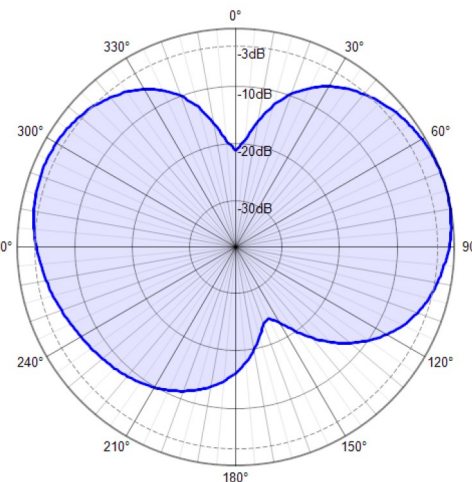
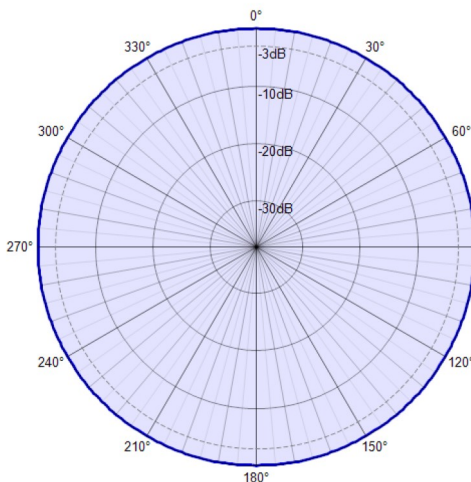
225 MHz



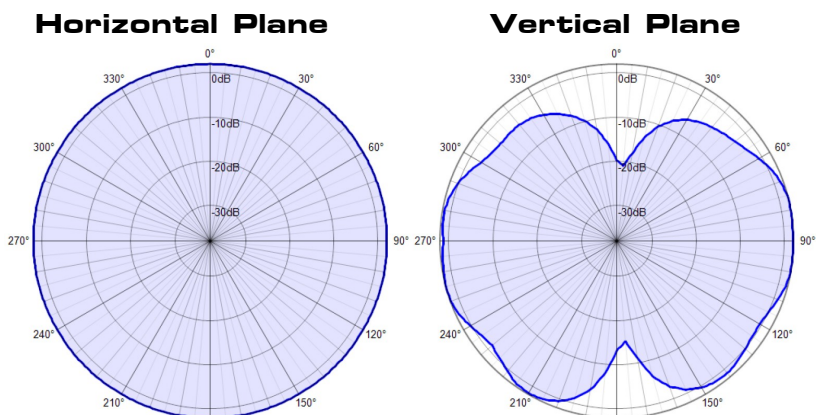
365 MHz



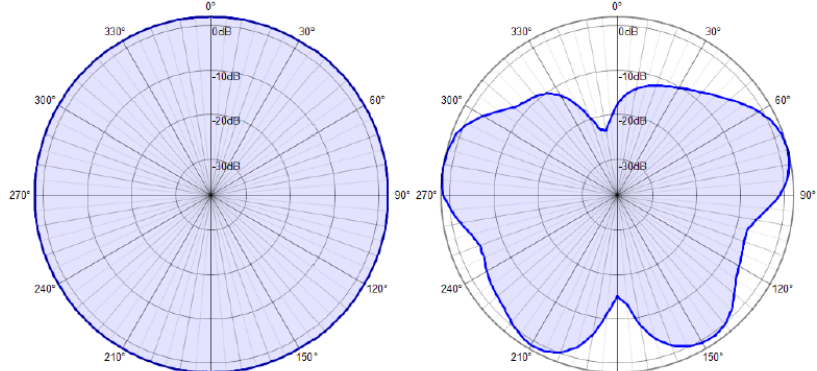
445 MHz



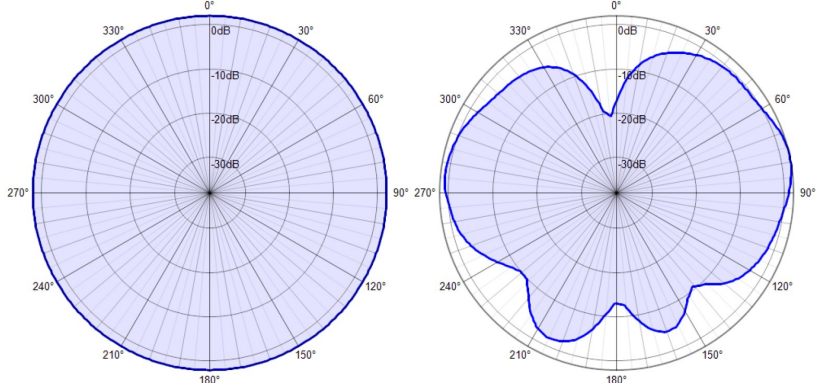
1250 MHz



1780 MHz



2250 MHz



2500 MHz

