

DATASHEET

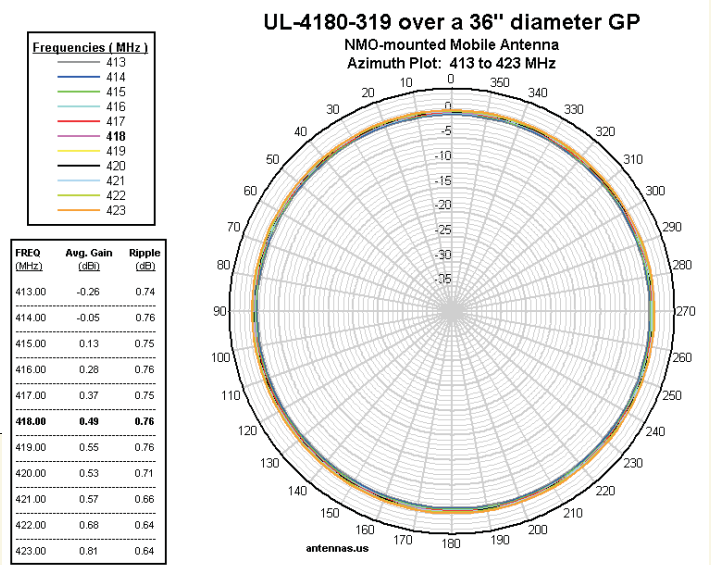
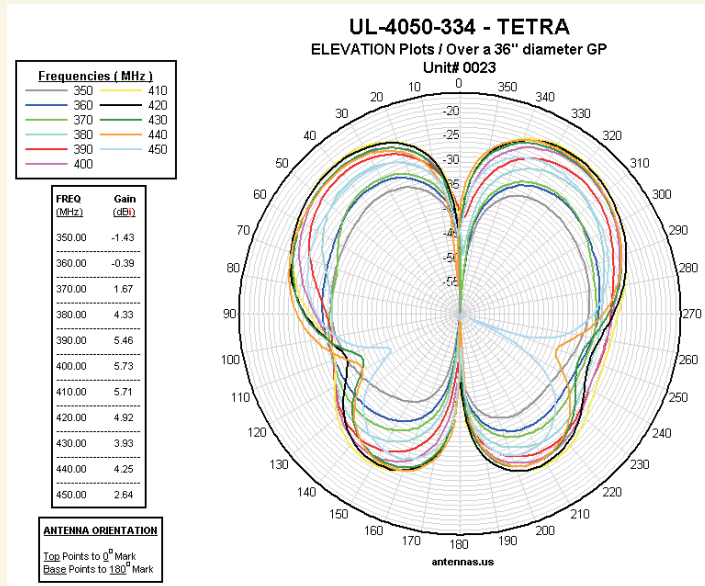
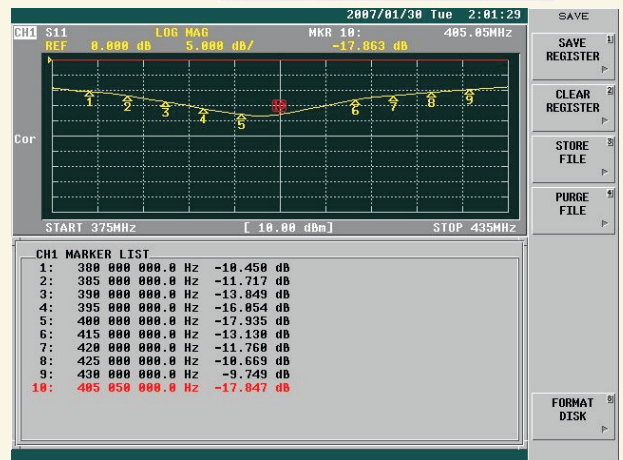
Patent Pending

Antenna model UL-4050-334

A broadband, rugged, mobile radio antenna designed to service two contiguous **ETSI TETRA UHF Bands** used in EMS (Emergency Medical Services), Law Enforcement, Government and Civil services, featuring a DC grounded radiating element. With modest dimensions of 1.5"/4 cm (OD) x 4"/10 cm (height), this antenna radiates with a typical peak omnidirectional gain of +4 dBil, when mounted on a large metal surface of at least 16"/40 cm radius. Internally, the radiating element is DC grounded to help protect the transceiver from nearby, but not direct ElectroStatic Discharge (ESD).



- Frequency range:** 380-430 MHz
- Coverage:** Omni-directional, low azimuthal ripple
- Polarization:** Linear, Vertical
- Gain:** +3 dBil
- Nominal Impedance:** 50 ohm (RF), Short Circuit (DC)
- VSWR:** 2.0
- Connector:** NMO, Female
- Dimensions:** Housing 3.8 cm (1.5") OD x 10.3 cm (4.05") h
Bottom flange 5 cm (2") OD x 3 mm (0.12") h
direct NMO connector mount
- Mounting:**
- Operating Temperatures:** -40°C to +85°C
- Shock:** Operates after drop from 6 m/20 ft onto asphalt
- Weight:** 100 g / 0.25 lbs



Specifications subject to change without notice