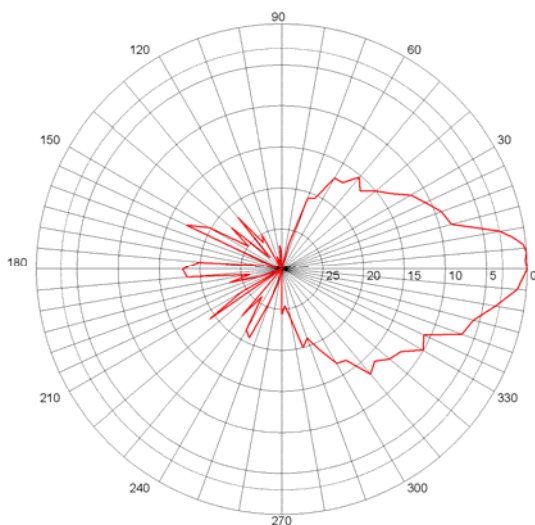


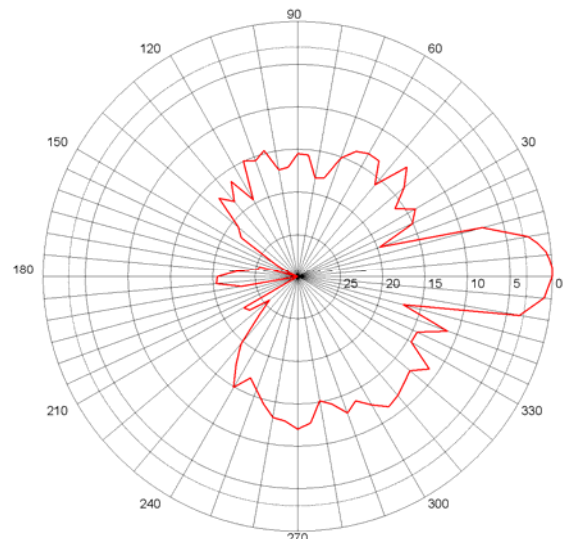
## TerraWave Solutions® 5.7-5.85 GHz 17.5 dBi Yagi Antenna With RPTNC Connector

TerraWave's 17.5 dBi directional yagi antenna is a rugged, easy to install, high performance directional antenna for deploying point-to-point wireless bridges. It can also be used as an access point antenna in long narrow coverage environments like a hallway. Includes an RPTNC plug with a 36" pigtail and a mast mount. Every TerraWave antenna is covered by the Company's two-year TerraNet warranty program. Visit [www.terrawave.com](http://www.terrawave.com) for additional information.

Specifications	
Model	T58175Y13602
Frequency Range	5725 - 5850 MHz
Bandwidth	125 MHz
Gain	17.5 dBi
Vertical Beamwidth	19°
Horizontal Beamwidth	20°
VSWR	-/±1.5
Front-to-back Ratio	+/-20 dB
Nominal Impedance	50 Ohms
Polarization	Vertical or Horizontal
Max Power	50 Watts
Connector	RPTNC Plug with Pigtail
Dimension	21.3" x 2" x 2"
Weight	1.7 lbs
Rated Wind Velocity	135 mph
Operating Temperature Range	-22°F to +158°F



E-Plane Pattern



H-Plane Pattern

## TerraWave Solutions® 5.7-5.85 GHz 17.5 dBi Yagi Antenna Mounting Bracket Information for T58150Y13602 and T58175Y13602

### Installation Instructions:

- The antenna is in vertical polarization mode by default.
- For horizontal polarization installation, unscrew the antenna from the L-bracket and rotate 90 degrees. Screw the antenna back to the L-bracket. Be certain that the polarization arrow is parallel to ground when installed.
- Mount the antenna to the mast with U-bolt and hex nuts.
- Adjust the antenna angle until the signal reception is optimized.
- Fasten all screws and seal the connector with weatherproof tape.

Note: Mast mount diameter:  $\leq 2$ "

