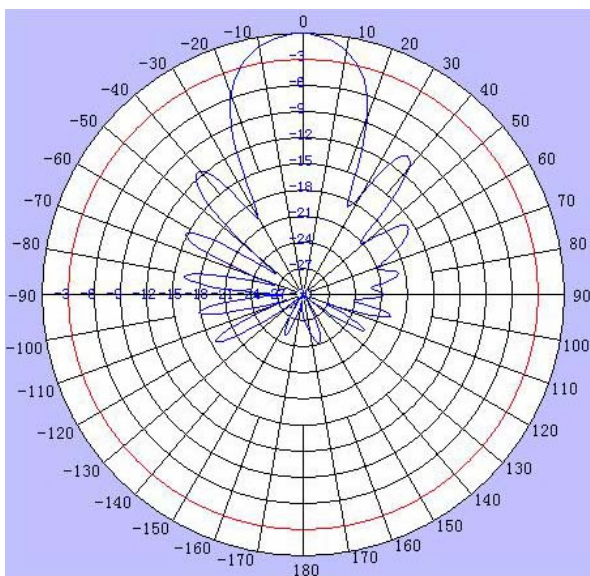




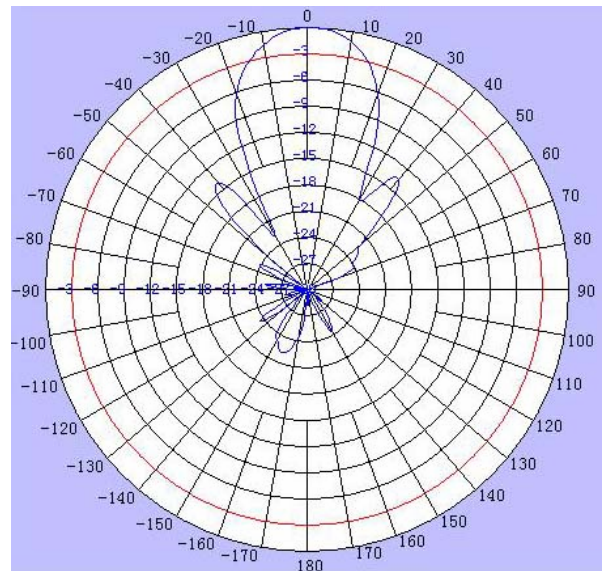
## TerraWave Solutions® 2.4 GHz 15 dBi Yagi Antenna with RPTNC Plug Connector

TerraWave's 2.4 GHz yagi antenna is a rugged, high performance directional antenna to be used as a bridge antenna between two networks or for point-to-point communications. The antenna provides 15 dBi of gain and a very symmetrical pattern characteristic. It may be installed in either vertical or horizontal polarization. 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	T24150Y13602
Frequency Range	2400 - 2483 MHz
Bandwidth	83 MHz
Gain	15 dBi
Vertical Beamwidth	29°
Horizontal Beamwidth	29°
VSWR	-/±1.5
Front-to-back Ratio	+/-18 dB
Nominal Impedance	50 Ohms
Polarization	Vertical or Horizontal
Max Power	100 Watts
Connector	RPTNC Plug with Pigtail
Dimension	23.6" x 2" x 2"
Weight	2.6 lbs
Rated Wind Velocity	135 mph
Operating Temperature Range	-22°F to +158°F



E-Plane Pattern



H-Plane Pattern



## TerraWave Solutions® 2.4 GHz 15 dBi Yagi Antenna Mounting Bracket Information for T24100Y13602, T24135Y13602 and T24150Y13602

### 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:  $\leq 2$ "

