

# HC-238-13 Helicone Antenna

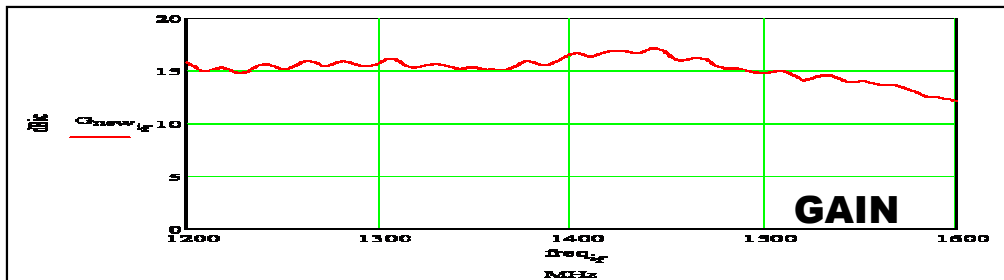
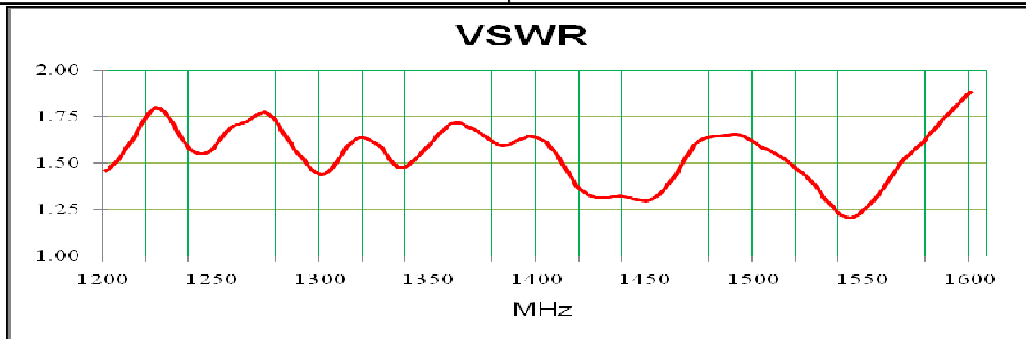
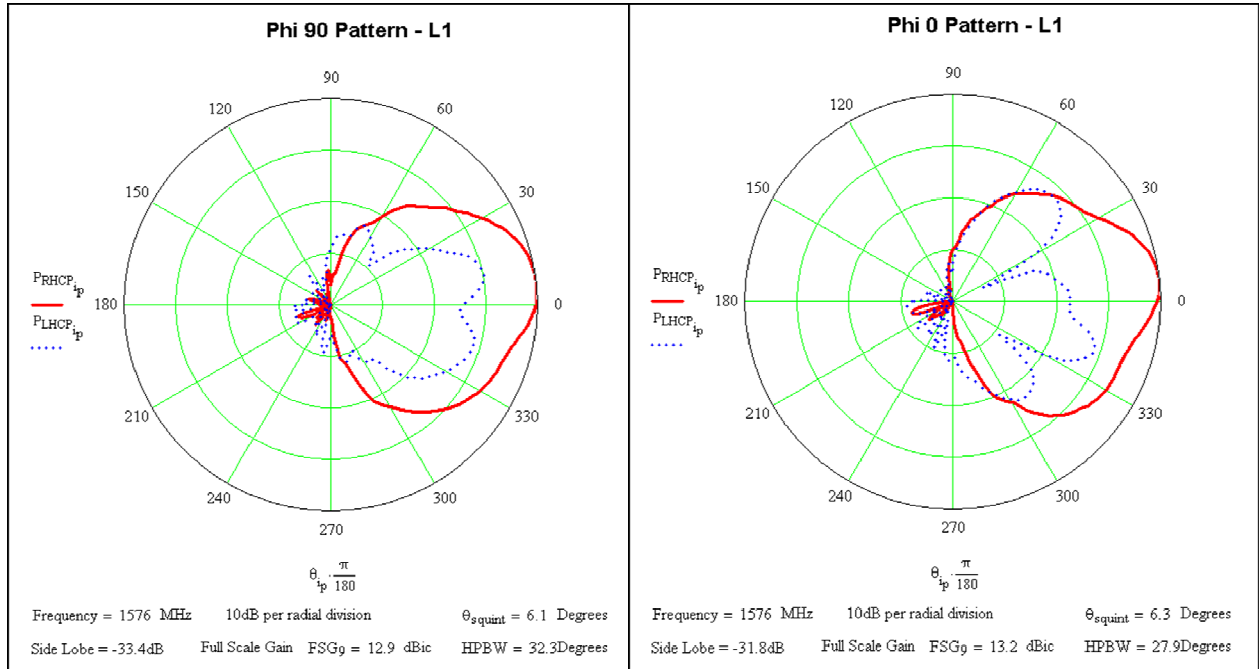
- L-Band Frequency
- RHCP
- Low sidelobe level
- High Power
- Rugged design
- Anechoic Chamber tested



The HC-238-13 antenna is a high-power L-Band Helicone antenna that uses a helix-conical horn combination. This combination provides low sidelobe levels while keeping a solid gain.

## Electrical Specifications

<b>Model:</b>	<b>HC-238-13</b>
<b>Frequency:</b>	<b>1200—1600 MHz</b>
<b>Gain dB</b>	<b>14.7 @ L2, 13.1 @ L1</b>
<b>Power Handling:</b>	<b>500 watts CW</b>
<b>Polarization:</b>	<b>Circular (RHCP)</b>
<b>VSWR:</b>	<b>2.0:1 maximum</b>
<b>HPBW:</b>	<b>33.5° @ L2, 30° @ L1</b>
<b>Sidelobe:</b>	<b>-31 dB @ L1, -28 dB @ L2</b>



## Mechanical Specifications

- Model:** HC-238-13
- Dimensions:** 24.5" diameter x 23.5" length
- Weight:** 17.5 lbs