

Compact Geodetic GPS Antenna TRC-CGG-L1L2

Antenna Elements: Dual-band L1/L2 operation;
L1 gain of +3.5 dBic at zenith, -3.0 dBic at the horizon

Electronics: *2.0 dB noise figure; 30 dB RF gain

DC Bias: Linearly regulated, 3.3 - 15V input through
the SMA connector

Dimensions: Height = 4.0"; Base diameter = 3.125"

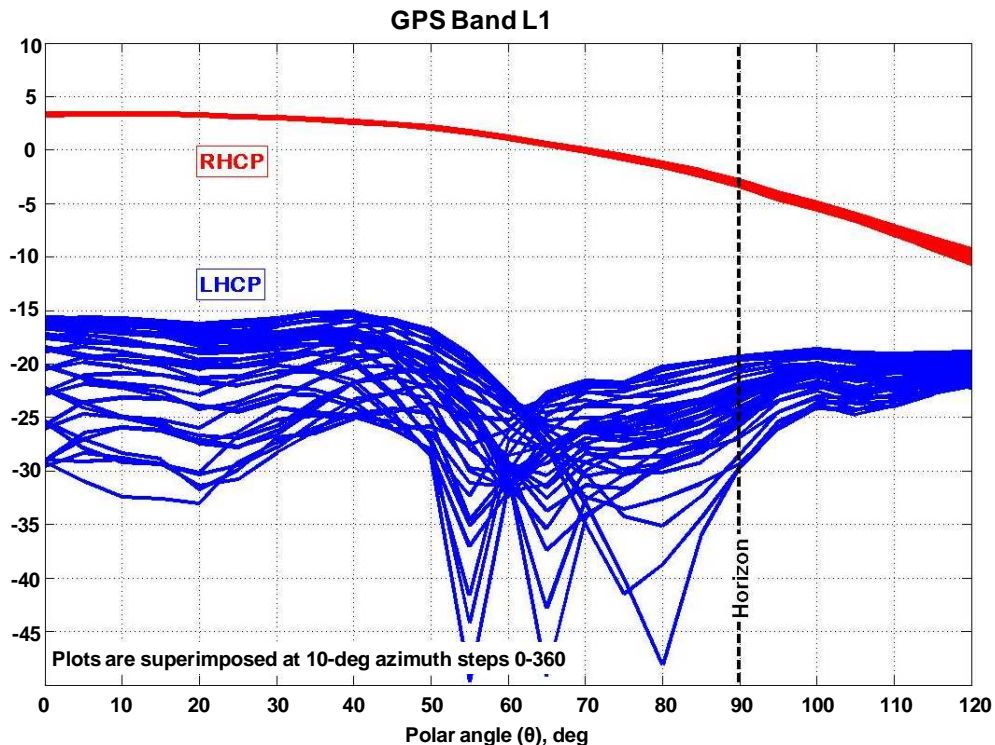
Weight: 175 grams

Environmental: MIL-STD-160G qualification pending

Stable Phase Center: Correctable to within 1mm for
both L1 and L2



Measured Radiation Patterns at 1.575 GHz:



* Noise figure can be reduced if EMI/EMC filtering is not required on the front end of the electronics. Electronics are made to order per input specifications for RF gain, pass bands, and noise figure.

Measured Radiation Patterns at 1.2276 GHz:

