

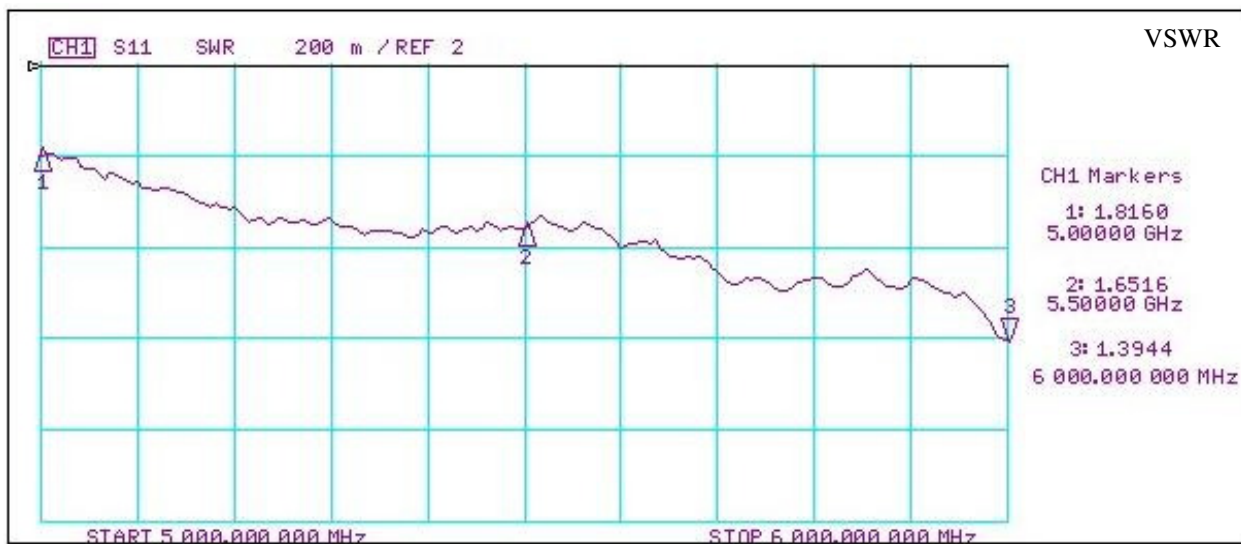
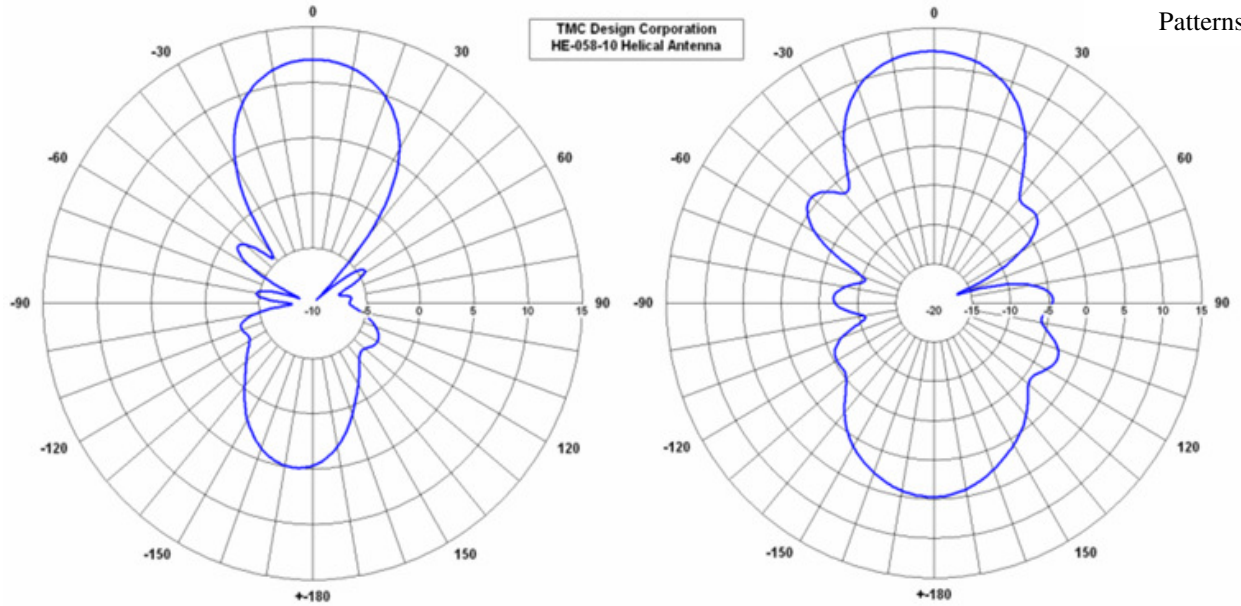
HE-0580-10 Helical Antenna



The HE-0580-10 is a high power, right hand circularly polarized (RHCP) severe duty small antenna for both military and commercial applications. The antenna is constructed entirely of aircraft certified 6061-T6 aluminum and G-10 fiberglass with copper radiator in a 100% sealed radome. This antenna was custom matched from 5.0 to 6.0 GHz to have the lowest VSWR possible, achieving a 2:1 VSWR across the band. The antenna is designed to provide many years of service.

Electrical Specifications

Model:	HE-0580-10
Frequency:	5.0 - 6.0 GHz
Gain (see gain plot):	~11.75 dBiC (F₀)
Power Handling:	200 watts CW
Polarization:	RHCP
VSWR:	1.8:1 maximum
Beamwidth:	35° x 35° degrees (F₀)



Mechanical Specifications

Model: HE-0580-10

Dimensions: 5" length x 4.0" diameter

Weight: 08 oz