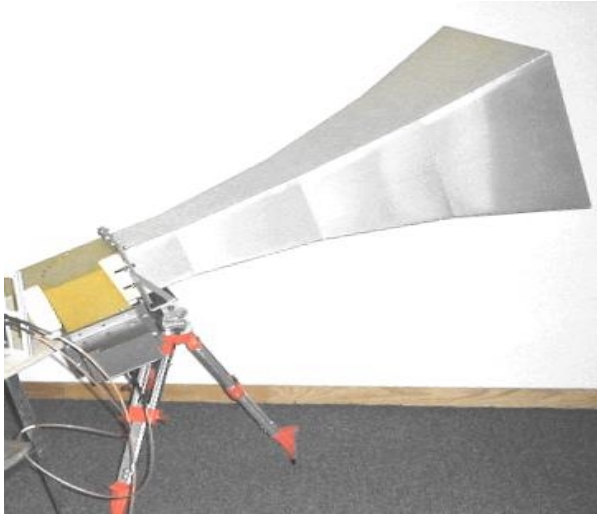




L-Band Dual Polarized Horn Antenna

with Integrated Orthomode Transformer
for Active Polarimetric Radar Calibration and Other Applications



EMAG L-band Horn Antenna

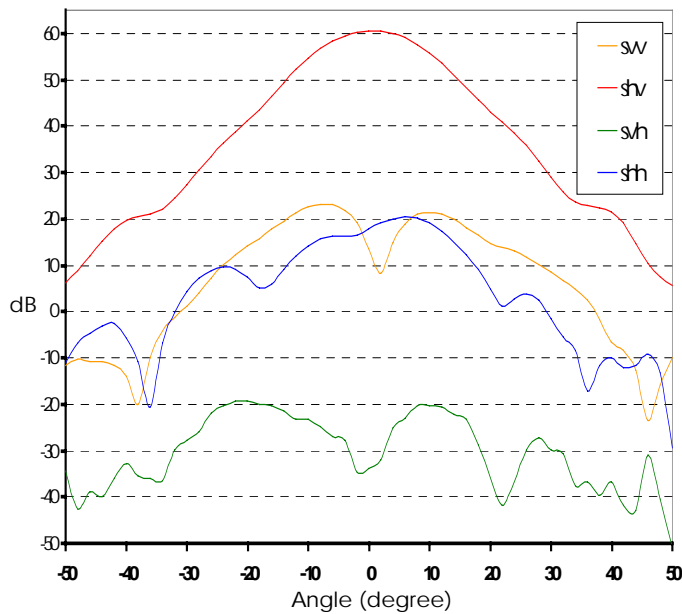
Frequency L-band

Bandwidth 80MHz

RCS 10-60 dBm²

Beamwidth 15-20°

Cross Polarization Isolation 30dB



0° orientation RCS Azimuthal Patterns

- Very good antenna polarization isolation and the return loss
- Very good RCS
- Large beamwidth for the radar calibration
- Dual polarized with integrated orthomode transformer