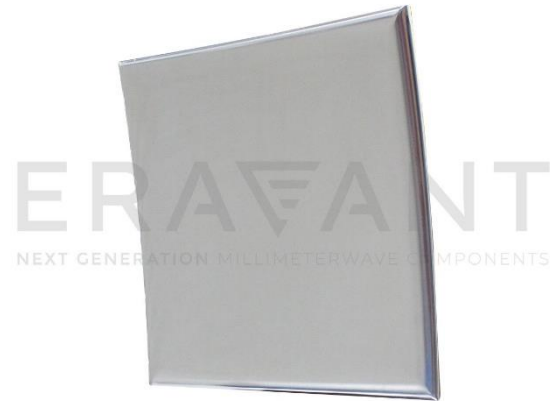


## STY-CATR-RER-0150-S1

### Ø6" Circular Quiet Zone, Rolled Edge Reflector For Compact Range

**STY-CATR-RER-0150-S1** is a rolled edge reflector designed for compact antenna ranges. The reflector is intended for use with a center fed feed layout and the size of the quiet zone is around Ø 6" [150 mm]. The reflector is machined from a single block of aluminum with superb surface accuracy that allows it to be used for frequencies up to 330 GHz and is treated with chemical film for corrosion resistance.



#### Electrical Specifications:

Parameter	Specification
Frequency Range*	24 – 330 GHz
Quiet Zone Shape	Circular
Quiet Zone Size	Ø6" [150 mm]
Feed Layout	Center Fed

#### Mechanical Specifications:

Item	Specification
Material	Aluminum
Finish	Chem Film
Weight	13 lbs.
Outline	TY-CATR-RER-0150

#### ECCN

EAR99

#### FEATURES

- Robust, Single Piece Aluminum Construction
- High Surface Accuracy
- Chem Film Treatment for Corrosion Resistance

#### APPLICATIONS

- Compact Antenna Range

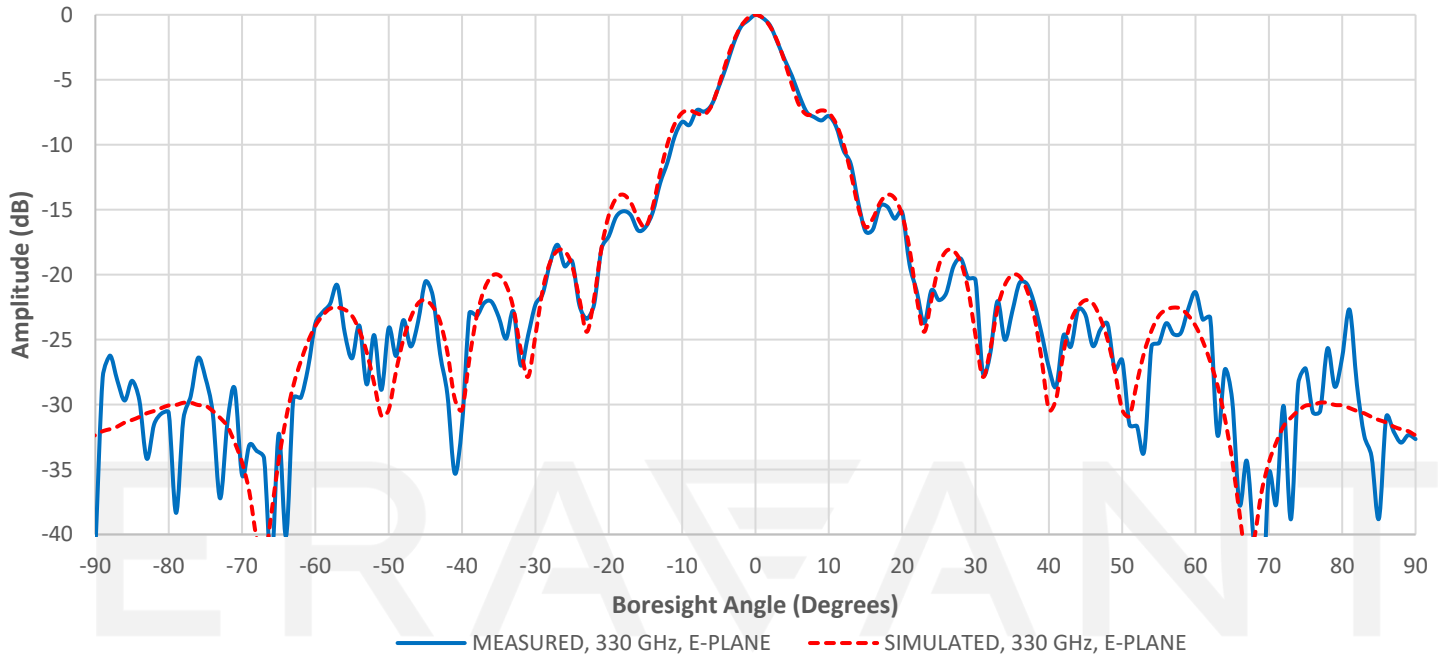
#### SUPPLEMENTAL DETAILS



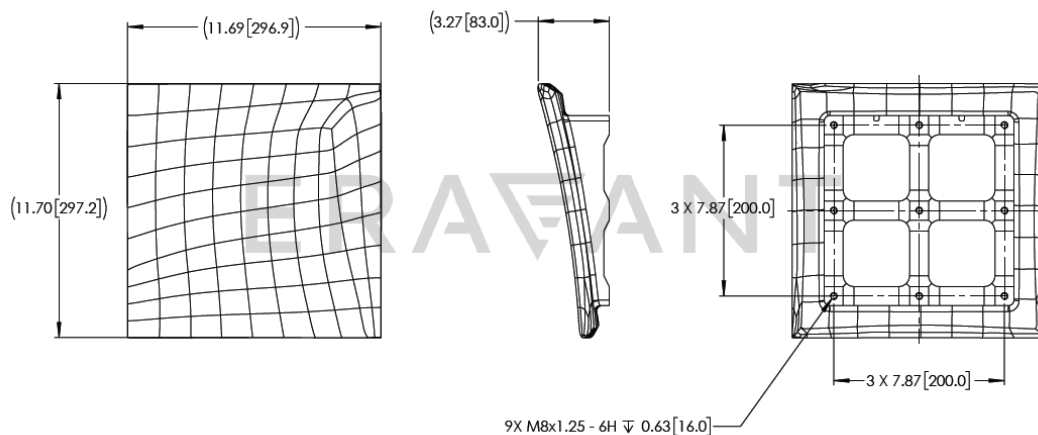
## STY-CATR-RER-0150-S1

### Pattern Test Results with STY-CATR-RER-0150-S1 Reflector:

SAR-2507-03-S2, E-Plane Measured vs Simulated Pattern, 330 GHz



### Mechanical Outline: (Unless otherwise specified, all dimensions are in inches [millimeters])



#### NOTE:

- Eravant reserves the right to change the information presented without notice.

#### CAUTION:

- The reflector is very delicate, great care must be taken to avoid damaging, denting, or scratching the surface. Any damage to the surface will severely impact the accuracy of the reflector.