

# FRF-159: Conformal S-Band Scoring Sensor Antenna

## Description:

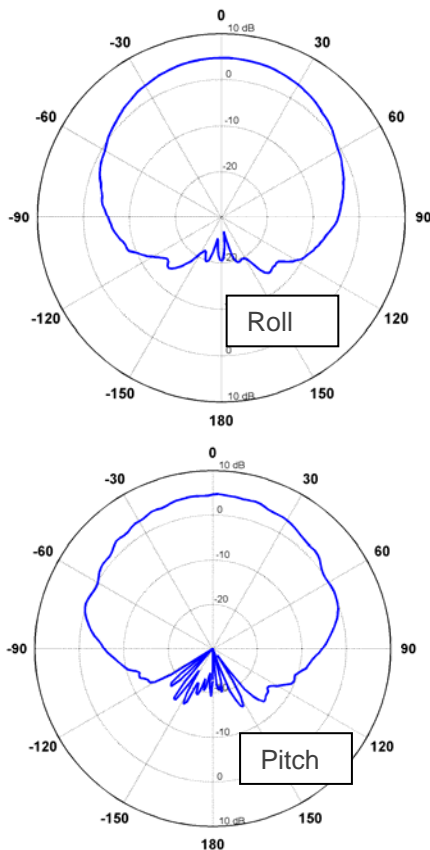
Finish

The FRF-143 is a small, conformal S-band antenna supporting the 2.38 – 2.48 GHz Scoring Sensor band. It is well suited for aircraft, UAVs and weapons requiring a conformal installation

## RF Performance Overview:

Frequency	2.38 – 2.48 GHz
VSWR	2.5:1
Pattern	Hemispherical
Polarization	Left Hand Circular
Power	50 Watts

## Antenna Pattern



## MECHANICAL

Connector:	SMA Female
Weight:	4.5 oz (130 gm)
Overall Dimensions:	2.35" x 2.35" (60 mm x 60 mm)
Cutout Dimensions:	1.75" x 1.75" (45 mm x 45 mm)
Finish:	Anodized Aluminum housing with flush PTFE based radome.

