

# FRF-143: Conformal S-Band Telemetry Antenna

## Description:

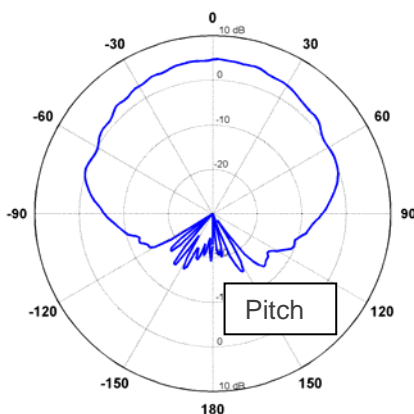
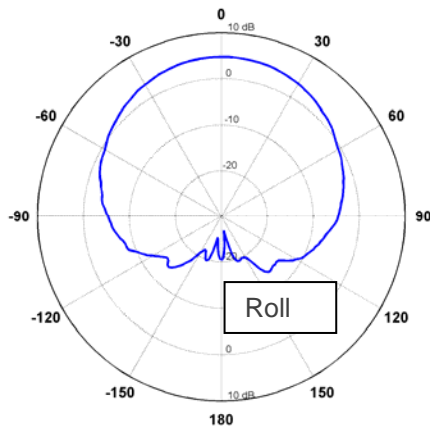
Finish

The FRF-143 is a small, conformal S-band antenna supporting the 2.2 – 2.3 GHz telemetry band. It is well suited for aircraft, UAVs and weapons requiring a conformal installation

## RF Performance Overview:

Frequency	2.20 – 2.29 GHz
VSWR	3.0:1
Pattern	Hemispherical
Polarization	Right 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.

