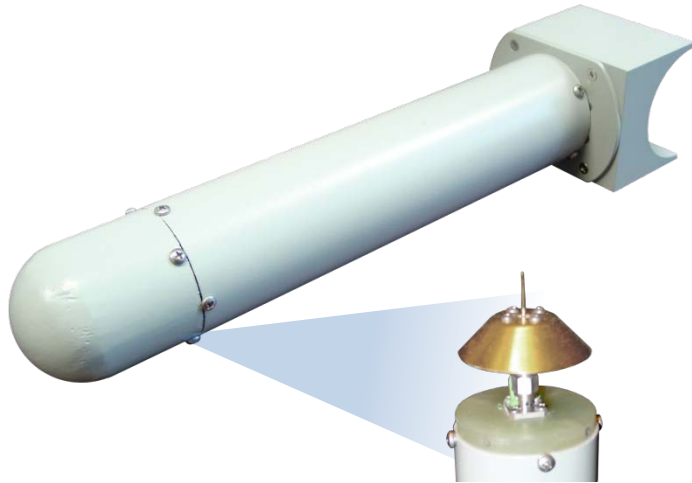


Airborne Modules: AGIG Omni

Day 2 – Chapter 4

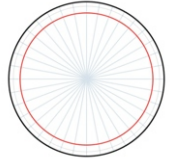


Size and Weight

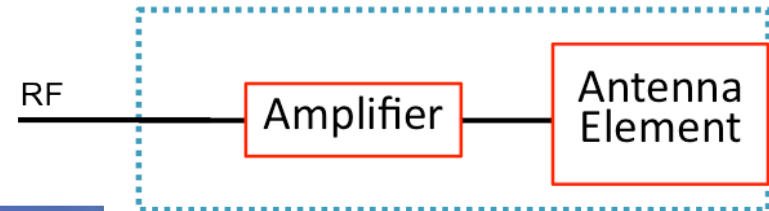
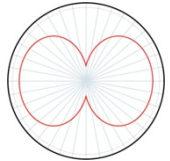
12 x 3 x 3 in.

1.5 lb

Azimuth



Elevation



History

- Custom designed antenna by JHU/APL
- Deployed on the boom of the TigerShark UAV
- Several variants exist
 - High-speed omni
 - Reduced omni
- All have same gain of ~ 1 dBi
- Antenna is active (includes an amplifier)



High Speed Omni for
Manned aircraft



Reduced Omni for Aerosonde