A Wide Swath Imaging Microwave Radiometer for Hurricane Observations

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HIRad Concept

- Concept
  - HIRad offers wide swath and high resolution imaging from Gulfstream IV or a UAV.
  - Potential for spaceborne application.

- Technology
  - The multi-frequency, microstrip, stacked patch, thinned array is the technology challenge for HIRad.

HIRad wind speed simulation of Hurricane Floyd