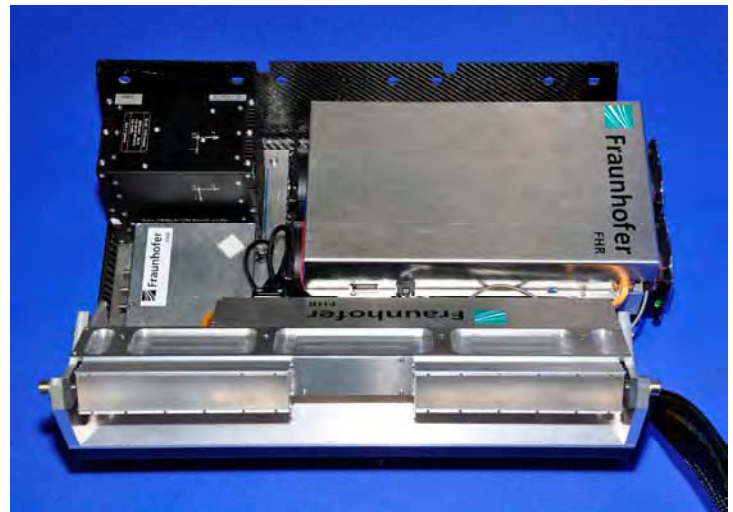


## MIRANDA35 – An imaging radar for small aircrafts

### Technical data:

- Radar type FMCW
- Operating frequency 35 GHz
- Output power 2 - 10 W
- Slotted antennas 3,3° x 15°
- Image resolution up to 15 cm
- Flight altitude up to 6 km
- Inertial measurement unit „AEROcontrol“  
(IGI mbH, Langenauer Str. 46, 57223 Kreuztal)
- Onboard data recording and processing
- Continuous real-time SAR
- Ground based monitoring
- Multi channel capability



10 W SAR sensor with inertial measurement unit  
(Weight: 17,5 kg; Dimensions: 520 x 425 x 275 mm)



SAR image (Remagen: City, Rail station and Rhine with shipping pier)