



We make the sky safer



Takes CNS measurements to the next level

SkyRF is the *drone platform delivering radio frequency (RF) measurement services* for performance analysis on Communication, Navigation and Surveillance (CNS) installations. It's offered under a preferred partnership between Intersoft Electronics Services and Skyguide.

The dedicated equipment onboard SkyRF and the software platform were specifically designed for measuring NavAids and Radar performance in the far field. Measuring and analyzing signals at elevation was never before so easy, accurate and reliable. SkyRF complements ground measurements and *reduces the need for flight checks by up to 50%.*



**INTERSOFT**  
S E R V I C E S

**skyguide**

# SkyRF supports commissioning, certification and maintenance

of ILS & DME, Primary & Secondary Radar, TACAN & VOR



ILS & DME



Primary & Secondary Radar



TACAN & VOR

- Complete radar up-and downlink measurement  
No need for checking multiple subassemblies individually
- Much lower operation impact  
Less downtime, less support from technicians or managers required
- Instant, reliable and repeatable measurements  
No estimates, no theoretic calculations but real measurements

SkyRF is a service. That means that CAPEX investments are eliminated. It also reduces the need for qualified flight testers, insurance and a lot of administrative overhead are avoided. With SkyRF, commissioning, certification and maintenance of CNS are performed *faster, more accurate and at a much lower cost.*

SkyRF operates manufacturer independent and is available for ANSP's and military operating CNS NavAids and Radar.

## Advantages

- High sensitivity and Low Noise figure
- Simultaneous CRS/CLR analysis with configurable output rate
- Far Field HPD and VPD measurements for both Up and Downlink
- Automatic compensation for slant range and terrain deviations
- Live data feed with command and control
- Tunable between 70MHz and 6 GHz

35 years of experience in developing RF measurement equipment & pioneering the integration of unmanned aircraft into airspace.

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