

ADS-B INTEGRITY App

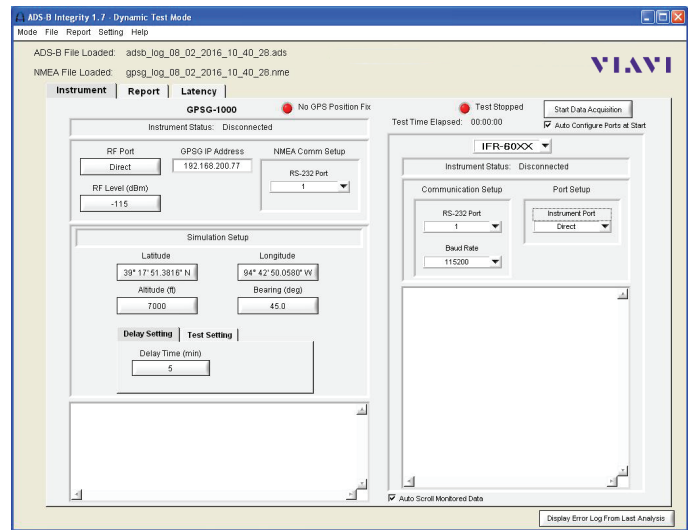
for R&D, System Integration, and Factory

On January 1, 2020, per Advisory Circular (AC) 20-165B, when operating in the airspace designated in 14 CFR § 91.225 all aircraft must be equipped with ADS-B Out avionics that meet the performance requirements of 14 CFR §91.227.

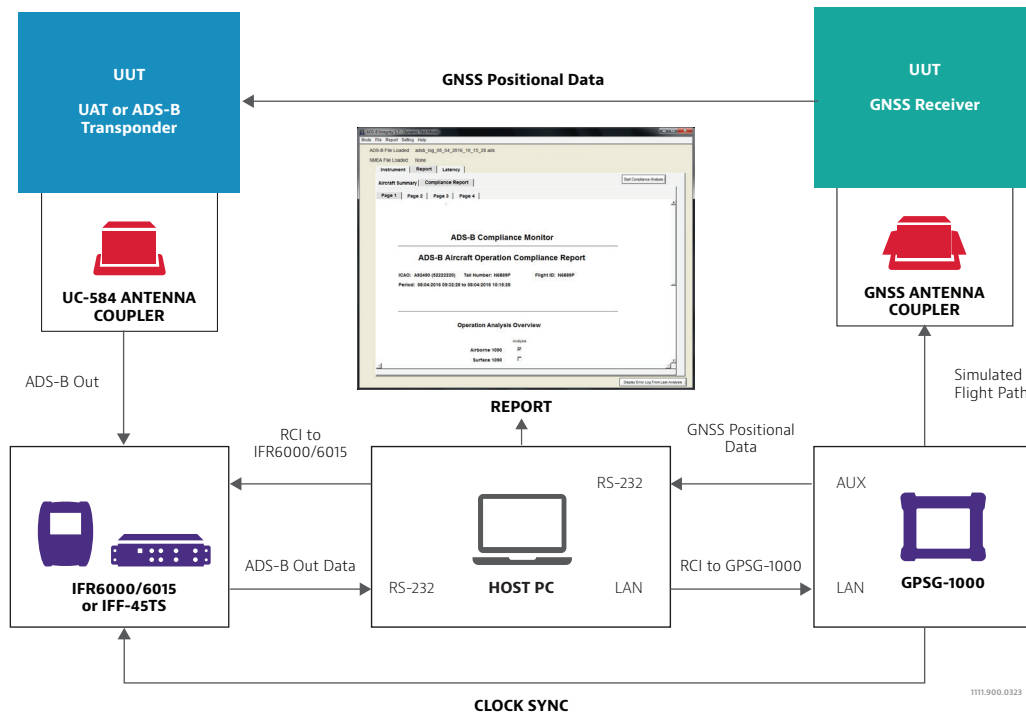
The ADS-B INTEGRITY™ application, for ADS-B Out integrity testing, has an easy-to-use graphical user interface that provides dynamic positional data and data logging for easy testing of positional accuracy. This fast and convenient solution will provide comprehensive reporting for support of AC 20-165, including dynamic test data contained within the FAA Operational Performance Report.

Required test equipment:

- ADS-B INTEGRITY app
- IFF-45TS MK XIIA/TACAN Bench Test Set
- GPSG-1000 Portable Satellite Simulator
- Customer supplied PC or optional IFF-45TS controller

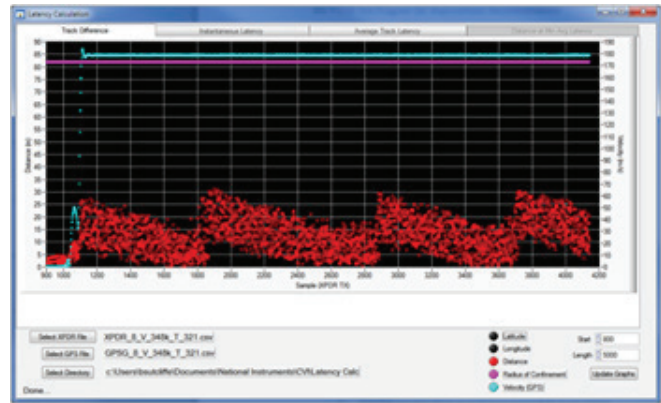


ADS-B INTEGRITY Application



Benefits:

- Easy to use GUI
- Comprehensive test solution
- Positional accuracy vs. time
- Instantaneous Positional Latency
- Advisory Circular 20-165B Performance
- ADS-B Aircraft Operation Performance Report
- Utilization of existing assets
- PC app includes necessary cabling
- Fully supports 14 CFR §91.227



Positional Data and Resultant Latency

Compliance Reporting with Pass/Fail Criteria



Airborne 1090
Analysis Summary

ADS-B Aircraft Operation
Performance Report