VIAVI
VIAVI Solutions

Software Release Notes

AVX-10K Software Version 2.1.26 Available

4/28/2022

New Features

- Added a "Find Minimum" marker button to the VSWR/DTF instrument.
- Added a "Valley Search" marker button to the VSWR/DTF instrument.

Improvements

- When running an ADS-B test, the results have been changed from "No Reply" to PASS, FAIL or INCOMPLETE.
- The "SAVE PROFILE" button on the DME test instrument has been changed to "SAVE DATA".
- The results data from a FAR 43 test have been reformatted to fit on one page, front and back.
- Corrected an issue performing a TRANSPONDER AUTO TEST, where the test would halt after 4% of the test while testing a nonstandard transponder configuration.
- Corrected an issue of the cable database in the VSWR/DTF instrument not being updated when a new version of the software was installed.

Errata

- None

Download Instructions

- The installation package is available via your StrataSync account or can be downloaded by Clicking Here.

Contact Information

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AVX-10K Software Version 2.1.7 Available

3/17/2022

New Features

General:

- Added DME and UAT Monitor Test Applications

- Updated the ability to load options via USB on the Software Options page

Transponder Autotest:

- Added FAR 43 ATCRBS test configuration

Improvements

Transponder Autotest:

- Corrected the Transponder Auto Test summary length/width items not previously filled in on the summary report.

- Updated tab names in Transponder Auto Test to match port setting. The TOP and BOTTOM tabs on the Transponder Auto Test were incorrectly indicating which RF port was being used for testing.

Errata

- None

Download Instructions

- The most current software version for updating via USB drives for the AVX-10K is available as a download by Clicking Here.

AVX-10K Software Version 2.0.49 Available

12/10/2021

New Features

General: None

Improvements

- Transponder Autotest: Fixed issues with testing ATCRBS only transponders

When testing ATCRBS only transponders, the AVX-10K would record failures resulting from the ATCRBS transponder not responding to the MTL search

routine. The MTL search routine was modified to accommodate ATCRBS transponders.

Errata

- None

Download Instructions

- The most current software version for updating via USB drives for the AVX-10K is available as a download by Clicking Here.

- This software version can be deployed to your AVX-10K through your StrataSync account.

AVX-10K Software Version 2.0.20 Available

11/16/2021

New Features

General: None

Improvements

- General:
  - Corrected System Settings Calibration date
- Transponder Autotest:
  - Addressed lockup issue when running a transponder autotest
  - Fixed Reply Ratio failing in Mode S auto test
- TCAS:
  - Fixed the TCAS Mode S Pulse Shape
- UAT:
  - Fixed UAT Gen Latitude and Longitude discrepancy
- VSWR/DTF:
  - Added save & recall for VSWR calibration
  - Corrected some VSWR UI issues

Errata

Failures of Generic ATCRBS Transponder Auto tests - Testing ATCRBS only transponders result in failures while the AVX-10K is testing ALL-CALL short mode A and ALL-CALL short mode C protocols.

This will be corrected on the next firmware release.

Download Instructions

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AVX-10K Software Version 1.0.39 Available

9/24/2021

New Features

- General: None

Improvements

- General:
    - Fixed pulse amplitude variation measurements
    - Test reports align with only the tests run
    - Improved performance in high traffic environments
- Fixed reply jitter measurements
- Transponder Autotest:
    - Addressed occasional lockup issue when running a transponder autotest
- TCAS:
    - Fixed altitude range and rate calculations in TCAS application when converge setting is on

Errata

- None

AVX-10K Software Version 1.0.21 Available

9/08/2021

New Features

- General: Initial release

Improvements

- General: Initial release

Errata

- TCAS instrument: Using the converge setting in the on-condition results in incorrect vertical speed calculations for the scenario. Use Converge off until the anomaly is repaired.

Download Instructions

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