



InterferenceAdvisor™ EagleEye™ App

Release Notes for Version 1.5.2

Welcome to release 1.5.2 of Viavi InterferenceAdvisor EagleEye App. This document provides version numbers, a description of new features, and a list of unresolved issues associated with this release, unless otherwise specified.

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Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.5.2 |
|----------|-------|

Compatible Instrument Firmware Version

| | |
|----------------------------------|----------------------|
| JD780A, JD780B, or JD740B series | 3.100.032 or higher |
| CellAdvisor 5G | 5.075.006r or higher |
| OneAdvisor-800 | 3.1.1 |

What's New in Version 1.5.2

- None

Installation

- Online update is enabled with the following procedures:
 - Run the EagleEye app.
 - Go to **Settings**.
 - Tap **About EagleEye**.
 - Tap the **SOFTWARE UPDATE** button.

System requirement

- Android tablet (Samsung Galaxy Tab S2 9.7", S3 9.7", S4 10.5", or S5e 10.5", Android version 7.0/8.0 or higher) with the EagleEye app installed
- CellAdvisor JD780A, JD780B, or JD740B series (3.100.032 or higher), CellAdvisor 5G (Firmware 5.075.006r or higher) and ONA-800A (Bundle Firmware 3.1.1 or higher) with the following options installed:

CellAdvisor:

- Option #011 Interference Analyzer (mandatory)
- Option #010 GPS receiver and antenna (required for gated sweep mode)
- Option #016 Wi-Fi connectivity (required for Wi-Fi communication)

CellAdvisor 5G:

- Option S013 Interference Analyzer (mandatory)
- Option S015 Gated Sweep (required for gated sweep mode)
- Option S002 GPS Connectivity with GPS Antenna (required for gated sweep mode)
- Option S004 Wi-Fi Connectivity (required for Wi-Fi communication)

ONA-800A:

- Option SP-INTAN Interference Analyzer (mandatory)
- Option SP-GSS Gated Sweep (required for gated sweep mode)
- Option SP-GNSS GPS Connectivity with GPS Antenna (required for gated sweep mode)
- Option MF-WIFI Connectivity (required for Wi-Fi communication)

Fixed Problems

- Pre-amp status mismatch between InterferenceAdvisor and CellAdvisor 5G/OneAdvisor-800
- Sweep mode mismatch between InterferenceAdvisor and CellAdvisor 5G/OneAdvisor-800
- GPS locking issue in China
- No display of spectrum trace on CellAdvisor 5G FW 5.070
- Gated Sweep mode set to ON in Spectrum Control view changed back to OFF in Map view

Known Issues

- None

Known Limitations

- None

Previous Version History

This section provides history of previous software versions.

Release 1.5.1

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.5.1 |
|----------|-------|

Compatible Instrument Firmware Version

| | |
|----------------------------------|----------------------|
| JD780A, JD780B, or JD740B series | 3.100.032 or higher |
| CellAdvisor 5G | 5.065.041r or higher |
| OneAdvisor-800 | 1.2.0 |

What's New in Version 1.5.1

- None

Fixed Problems

- Unable to Go Interference Hunting without Gated Sweep License and License disabled error

Known Issues

- Unable to Connect to CA5G/ONA-800 Connect to iPhone Hotspot

Known Limitations

- None

Release 1.5.0

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.5.0 |
|----------|-------|

Compatible Instrument Firmware Version

| | |
|----------------------------------|----------------------|
| JD780A, JD780B, or JD740B series | 3.100.032 or higher |
| CellAdvisor 5G | 5.065.041r or higher |

| | |
|----------------|-------|
| OneAdvisor-800 | 1.2.0 |
|----------------|-------|

What's New in Version 1.5.0

- Interface with CellAdvisor 5G and OneAdvisor-800
- Wireline connectivity between the tablet and the instrument via Ethernet
- No need of software option #180 dedicated to InterferenceAdvisor Mobile

Fixed Problems

- None

Known Issues

- None

Known Limitations

- None

Release 1.4.5

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.4.5 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.100.032 or higher |
|----------------------------------|---------------------|

What's New in Version 1.4.5

- None

Fixed Problems

- Communication freeze when connected to a CellAdvisor with its Web Remote turned on or not properly turned off on the instrument

Known Issues

- None

Known Limitations

- None

Release 1.4.4

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.4.4 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.100.032 or higher |
|----------------------------------|---------------------|

What's New in Version 1.4.4

- None

Fixed Problems

- Could not update software to version 1.4.3 in EagleEye

Known Issues

- None

Known Limitations

- None

Release 1.4.3

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.4.3 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.100.032 or higher |
|----------------------------------|---------------------|

What's New in Version 1.4.3

- Support of new display resolution (2560 x 1600 pixels) of Samsung Galaxy Tab S4

Fixed Problems

- After creating a report file, could not open the saved file in .pdf

Known Issues

- None

Known Limitations

- None

Release 1.4.2

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.4.2 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.090.032 or higher |
|----------------------------------|---------------------|

What's New in Version 1.4.2

- None

Problems

- Crash on the spectrum view inside the replay mode
- License validation error on a registered tablet

Known Issues Fixed

- None

Known Limitations

- None

Release 1.4.1

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.4.1 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.090.032 or higher |
|----------------------------------|---------------------|

What's New in Version 1.4.1

- Timestamp added to the breadcrumb details in the Map view and the History

Fixed Problems

- Offline Map Downloader
 - Improved to load the world map when going to the offline map downloader
 - Changed to go to my location when the 'my location' icon is tapped once
 - Changed to load a map area initially based on the current location for a first-time user
- For users in China only – Fixed the GPS lock problem with OpenStreetMap. It requires the language setting set to Chinese to have the GPS work properly.

Known Issues

- None

Known Limitations

- None

Release 1.4.0

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.4.0 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.090.032 or higher |
|----------------------------------|---------------------|

What's New in Version 1.4.0

- New enhancement release of software application with the following features:
 - Supportability of OpenStreetMap and offline maps
 - Autosave of trace data and screenshots
 - Display of warning message at the start of the EagleEye app
 - Software update without connecting to a CellAdvisor
 - Addition of the spectrum 'Hold' button to pause/resume the trace update
 - Touch screen lock when driving
 - Language in Chinese

Fixed Problems

- None

Known Issues

- None

Known Limitations

- None

Release 1.3.1

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.3.1 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---|
| JD780A, JD780B, or JD740B series | 3.065.447, 3.066.047, 3.070.041 and later |
|----------------------------------|---|

What's New in Version 1.3.1

- New enhancement release of software application with the following features:
 - If there is no server response, users can still use the EagleEye app without closing it.

Fixed Problems

- None

Known Issues

- None

Known Limitations

- None

Release 1.3.0

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.3.0 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---|
| JD780A, JD780B, or JD740B series | 3.065.447, 3.066.047, 3.070.041 and later |
|----------------------------------|---|

What's New in Version 1.3.0

- New enhancement release of software application with the following features:
 - Mini spectrogram on the map view (real time)
 - Enable a marker to easily set and move to a designated frequency
 - Sensitivity mode to support a quick move to an optimized mode based on pre-defined settings (shortcut)
 - Sweep mode control between Fast and Normal
 - Enable tracking settings
 - Enable peak power bandwidth setting so that users can set peak power bandwidth to be included on location estimation within the span
 - Enable a voice prompt repeatedly after the first estimation
 - Add a hide and show menu
 - Add s shortcut to show satellite view
 - Alarm sound control for spectrum limit alarm and/or map view alarm
 - Improve usability to quickly access and/or change configurations.
 - Spectrum information display (RBW, Atten, Preamp)
 - Add channel power bandwidth setting values on the spectrum display (Mini spectrum, Spectrum, Spectrum Control)
 - Match the color set in a map view and a history view
 - USBTMC communication
 - Support gated sweep setting for TDD interference hunting
 - License activation control
 - Logging with power history graph

Fixed Problems

- None

Known Issues

- None

Known Limitations

- None

Release 1.0.0

Version Numbers

The following table lists the versions of related VIAVI hardware and/or software that can be used in conjunction with this release for InterferenceAdvisor EagleEye App.

Software Application Version Configuration

| | |
|----------|-------|
| EagleEye | 1.0.0 |
|----------|-------|

Compatible CellAdvisor Firmware Version

| | |
|----------------------------------|---------------------|
| JD780A, JD780B, or JD740B series | 3.061.xxx and later |
|----------------------------------|---------------------|

What's New in Version 1.0.0

- First release of software application with the following features:
 - Visualize received signal strength on the roads
 - Indicate suspected area of interference onto map
 - Directions and navigations
 - Spectrum control and display

Fixed Problems

- None

Known Issues

- None

Known Limitations

- None

Technical Assistance

For assistance related to the use of your product, call or e-mail VIAVI Technical Assistance Center (TAC) in your region. For a current listing of TAC phone numbers and e-mail addresses, go to:

<http://www.viavisolutions.com/en/services-and-support/support/technical-assistance>

Document History

| Revision | Date | Reason for revision |
|------------------|-----------------|----------------------------|
| 22114264 rev 000 | June 20, 2016 | 1.0.0 EagleEye App Release |
| 22114264 rev 001 | July 24, 2017 | 1.3.0 EagleEye App Release |
| 22114264 rev 002 | Sep 25, 2017 | 1.3.1 EagleEye App Release |
| 22114264 rev 003 | May 16, 2018 | 1.4.0 EagleEye App Release |
| 22114264 rev 004 | Aug 17, 2018 | 1.4.1 EagleEye App Release |
| 22114264 rev 005 | Sep 27, 2018 | 1.4.2 EagleEye App Release |
| 22114264 rev 006 | Jan 30, 2019 | 1.4.3 EagleEye App Release |
| 22114264 rev 007 | Mar 21, 2019 | 1.4.4 EagleEye App Release |
| 22114264 rev 008 | June 3, 2019 | 1.4.5 EagleEye App Release |
| 22114264 rev 009 | July 23, 2020 | 1.5.0 EagleEye App Release |
| 22114264 rev 010 | August 27, 2020 | 1.5.1 EagleEye App Release |
| 22114264 rev 011 | March 08, 2020 | 1.5.2 EagleEye App Release |



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