InterferenceAdvisor™ EagleEye™ App
Release Notes for Version 1.5.4

Welcome to release 1.5.4 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
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Software Application Version Configuration

<table>
<thead>
<tr>
<th>Software Application</th>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>EagleEye</td>
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</table>

Compatible Instrument Firmware Version

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>JD780A, JD780B, or JD740B series</td>
<td>3.100.032 or higher</td>
</tr>
<tr>
<td>CellAdvisor 5G</td>
<td>5.075.006r or higher</td>
</tr>
<tr>
<td>OneAdvisor-800</td>
<td>3.1.1</td>
</tr>
</tbody>
</table>

What’s New in Version 1.5.4

- New ‘Screen Unlock’ icon that allows users to unlock the screen of a connected instrument (CellAdvisor 5G or OneAdvisor-800)

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**
- Intermittently incorrect reading of Channel Power

**Known Issues**
- None

**Known Limitations**
- None

**Previous Version History**
This section provides history of previous software versions.
**Release 1.5.3**

**Version Numbers**
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### Compatible Instrument Firmware Version

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<th>Instrument Type</th>
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</table>

**What’s New in Version 1.5.3**

- None

**Fixed Problems**

- A marker set in the Spectrum Control view goes outside of the Peak Power bandwidth on the mini spectrum in the Map view.

**Known Issues**

- None

**Known Limitations**

- None
Release 1.5.2

Version Numbers
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<table>
<thead>
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Compatible Instrument Firmware Version

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</table>

What’s New in Version 1.5.2

- None

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
Release 1.5.1

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</table>

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
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<tr>
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Compatible Instrument Firmware Version

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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

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<tbody>
<tr>
<td>EagleEye</td>
<td>1.4.5</td>
</tr>
</tbody>
</table>
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

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<th>Software Version</th>
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Compatible CellAdvisor Firmware Version

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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**
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**Compatible CellAdvisor Firmware Version**

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<tr>
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**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**

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**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**

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**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**
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<tr>
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### Compatible CellAdvisor Firmware Version

<table>
<thead>
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<th>CellAdvisor Firmware</th>
<th>Version</th>
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<tr>
<td>JD780A, JD780B, or JD740B series</td>
<td>3.065.447, 3.066.047, 3.070.041 and later</td>
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</table>

### 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

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**Release 1.3.0**
Version Numbers

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<tr>
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</tr>
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</table>

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 a 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

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What’s New in Version 1.0.0
▪ First release of software application with the following features:
  o Visualize received signal strength on the roads
  o Indicate suspected area of interference onto map
  o Directions and navigations
  o 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

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
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<tbody>
<tr>
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<td>June 20, 2016</td>
<td>1.0.0 EagleEye App Release</td>
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<td>July 24, 2017</td>
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<td>Sep 27, 2018</td>
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