



# InterferenceAdvisor™ EagleEye™ App

## Release Notes for Version 1.5.6

Welcome to release 1.5.6 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.

### Contents

Version Numbers .....	2
What’s New in Version 1.5.6.....	2
Installation .....	2
Fixed Problems.....	3
Known Issues.....	3
Known Limitations .....	3
Previous Version History .....	4
<u>Release 1.5.5</u> .....	4
<u>Release 1.5.4</u> .....	6
<u>Release 1.5.3</u> .....	7
<u>Release 1.5.2</u> .....	8
<u>Release 1.5.1</u> .....	9
<u>Release 1.5.0</u> .....	10
<u>Release 1.4.5</u> .....	11
<u>Release 1.4.4</u> .....	11
<u>Release 1.4.3</u> .....	12
<u>Release 1.4.2</u> .....	13
<u>Release 1.4.1</u> .....	14
<u>Release 1.4.0</u> .....	15
<u>Release 1.3.1</u> .....	16
<u>Release 1.3.0</u> .....	16

<u>Release 1.0.0</u> .....	18
Technical Assistance .....	19
Document History .....	19

## 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	1.5.6
----------	-------

### Compatible Instrument Firmware Version

JD780A, JD780B, or JD740B series	3.120.043 or higher
CellAdvisor 5G	5.100.029r or higher
OneAdvisor 800	2.100.0009r or higher

## What's New in Version 1.5.6

- 5G NR added to Technology in Gated Sweep
- Marker control added to the spectrum view of Spectrum Clearing history views
- Support for Dual Gates in Gated Sweep for interference hunting when connected to OneAdvisor 800 or CellAdvisor 5G
- Auto save at 5% and 1% of the tablet battery life
- The activity selection screen changed to show both Interference Hunting and Spectrum Clearing

## 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", S5e 10.5", or S7 FE 12.4", Android version 7.0/8.0 or higher) with the EagleEye app installed
- InterferenceAdvisor EagleEye SW (Android App)
  - IA811-001 for Interference Hunting (mandatory)
  - IA811-002 for Spectrum Clearing (optional)
- CellAdvisor JD780A, JD780B, or JD740B series (3.100.032 or higher), CellAdvisor 5G (Firmware 5.075.006r or higher) and OneAdvisor 800 (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)

OneAdvisor 800:

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

## Fixed Problems

- No display of spectrogram in the mini spectrogram of auto captured screens

## Known Issues

- None

## Known Limitations

- None

# Previous Version History

This section provides history of previous software versions.

## Release 1.5.5

### 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	1.5.5
----------	-------

#### 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 1.5.5

- Optional Feature: Spectrum Clearing Mode (CellAdvisor 5G or OneAdvisor-800)
- Setup Save/Load in Spectrum Control
- Report Generation in History
- Results Save as KML Files
- New Instrument Connection Screen

### 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
- InterferenceAdvisor EagleEye SW (Android App)
  - IA811-001 for Interference Hunting (mandatory)
  - IA811-002 for Spectrum Clearing (optional)
- 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

- None

## Known Issues

- None

## Known Limitations

- None

## Release 1.5.4

### 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	1.5.4
----------	-------

#### 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 1.5.4

- 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.

### Fixed Problems

- Intermittently incorrect reading of Channel Power

## Known Issues

- None

## Known Limitations

- None

## Release 1.5.3

## 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	1.5.3
----------	-------

### 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 1.5.3

- 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

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

## 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**

### **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 11, 2021	1.5.3 EagleEye App Release
22114264 rev 012	April 28, 2021	1.5.4 EagleEye App Release
22114264 rev 013	Aug 13, 2021	1.5.5 EagleEye App Release
22114264 rev 014	May 10, 2022	1.5.6 EagleEye App Release



Viavi Solutions  
1-844-GO-VIAVI  
[www.viavisolutions.com](http://www.viavisolutions.com)