



# Software Release Notes for OneAdvisor-800A

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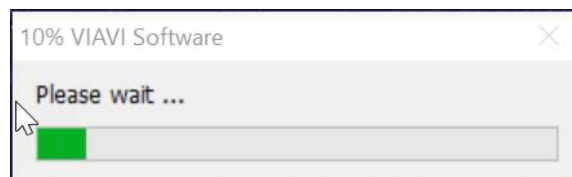
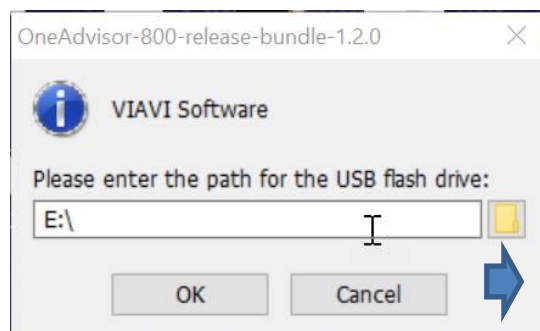
# General Information

## About this Document

This document provides OneAdvisor firmware version numbers, a description of new features, and a list of unresolved issues associated with this release, unless otherwise specified.

## Installation Instructions

- Visit the website below to download the latest firmware. Firmware file has \*.exe extension which is self-extractable file.  
<http://ona-800.updatemyunit.net>
- Attached a USB memory device into your computer of at least 1GHz of space available (maximum USB capacity is 32B, and formatted as FAT32)
- Run the downloaded firmware file and when prompted select the drive that corresponds to the USB memory device. When completed all the firmware source files will be extracted in the USB root under a folder name “ale”.



- Connect AC/DC power adapter into the OneAdvisor
- Insert the USB memory device into the USB port located on the top of the OneAdvisor.
- In OneAdvisor’s Home Page select: {System}, {Upgrade}, {USB}, {Start Upgrade}:



- The upgrade progress will start and might take 10 minutes to 30 minutes. At the end of the upgrade process the OneAdvisor will reboot to complete the upgrade.
- For more information, refer to OneAdvisor’s User’s Guide.

# Release 4.0.1-r0\_a1

Release date: Sep 16, 2022

## Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	4.0.1-10ba0851b1	15/09/2022
CAA	6.065.002r-fd2ce7b	16/09/2022
Fiber Optics	22.54+svn75055	16/09/2022
Radio Analysis	2.210.0002r-5c51c8c	16/09/2022
RF Power Meter	7.023.001r-ec4695e	16/09/2022
Transport	3.2.0.da66d953cc6	16/09/2022

*Please note that upgrading to v4.0.1 will take more time. It could be in the order of 45 minutes as this includes an important operating system update.*

## What's new in this release

- Platform
  -
- RF
  -
- Transport
  - Cascade

## Improvement

- Platform

## Bug Fix

- Platform
  - Upgrade issue from previous version, v3.5 or below, and upgrade from v4.0 beta to another has been fixed
- RF
  - Intermittent deactivation of carrier setting menu in 5G NR Carrier Scanner
  - SSB Auto Search is disabled in Freq/Time/Power Variation

## Known Issues

- Infrequent dark screen issue when turned on that needs power recycling





# Previous Version History

This section provides history of previous firmware versions.

## Release 4.0.0-r0\_a1

Release date: Aug 25, 2022

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	4.0.0-2bcb4a2bcb	27/08/2022
CAA	6.065.002r-fd2ce7b	27/08/2022
Fiber Optics	22.54+svn75055	27/08/2022
Radio Analysis	2.200.0002r-dca28d8	27/08/2022
RF Power Meter	7.023.001r-ec4695e	27/08/2022
Transport	3.2.0.da66d953cc6	27/08/2022

Please note that upgrading to v4.0.0 will take more time. It could be in the order of 45 minutes as this includes an important operating system update.

### What's new in this release

- Platform
  - SmartAccessAnywhere with IP address
- RF
  - Online Route Map (ONA-SP-ORM)
- Transport
  - Transport options for RA18G/32G/44G
    - ONA-SP-10GLAN
    - 10G Ethernet Test
    - ONA-SP-25GE
    - 25G Ethernet Test
    - ONA-SP-10G1588
    - 10GE 1588/PTP Test Option
    - ONA-SP-25G1588
    - 25GE 1588/PTP Test Option
    - ONA-SP-10GECAP
    - 10GigE Packet Capture
    - ONA-SP-25GECAP
    - 25GigE Packet Capture
    - ONA-SP-10M1GE
    - 10/100/100 Megabit Ethernet
    - ONA-SP-1GECAP
    - 1GigE Packet Capture
    - ONA-SP-CPRI18L2
    - CPRI BERT Line Rate 1 to 8

## Improvement

- RF
  - 110 MHz RtSA BW
  - # of user definable trace point
  - Independent Detector per trace
  - DAS Solutions: LTE demodulation w/o PSS/SSS and Channerl Scanner Route Map
  - Temporary backup for Route Map data
  - LTE PDSCH Precoding & MIB Decoding
  - EMF-NR
  - PDSCH Mapper
  - TAGS Phase-2 (LTE-TDD, NR TDD Pattern-2)
  - TAGS Interface with InterferenceAdvisor
  - RFoCPRI usability improvement for speed and accuracy improvement
  - IF Overload vs. Auto Preamp
  - Report Generator

## Bug Fix

- RF
  - RFoCPRI Spectrum to Spectrogram change takes 27 seconds
  - Event Save – Save on Event freezes the trace once an event is happened. And the spectrum trace is not saved.
  - Noise Marker did not support linear scale unit.
  - Improved correlation between SS-RSRP and PBCH DMRS RSRP in 5G NR
  - Internal Power Meter: External offset does not work as defined in the user manual
  - Frequency setting overflow in Freq/Time/Power Variation
  - Trigger/Frequency reference menu is missing in IA Spectrogram
  - LTE selection is deactivated in GATED Sweep

## Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.5.0-r0\_a2

Release date: July 28, 2022

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	3.5.0-66c7bd6	25/04/2022
CAA	6.064.003r-efb20b5	22/07/2022

Fiber Optics	22.20+svn73572-r0	22/07/2022
Radio Analysis	2.100.0014r-bc5e11d	22/07/2022
RF Power Meter	7.022.001r-bc8f4ca	22/07/2022
Transport	3.1.0.637018d	22/07/2022

### What's new in this release

- Support new digital board (>rev 007) in RA18MA-O, RA32MA-O, and RA44MA-O

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.5.0-r0\_a1

Release date: Apr 28, 2022

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	3.5.0-66c7bd6	25/04/2022
CAA06MA/CAA06MB	6.064.001r-834cc1f	29/04/2022
Fiber Optic	22.20+svn73572-r0	29/04/2022
SPA06	2.100.0009r-6d592ca	29/04/2022
RFPM	7.022.001r-bc8f4ca	29/04/2022
Transport	3.1.0.637018d	29/04/2022

### What's new in this release

- RF
  - Scanner (Spectrum centric) (Option: ONA-SP-CHS)
  - DSS Signal Analysis (Option: ONA-SP-DSSSIA)
  - Support RA18G/32G/44G Solution module
  - EagleEye Interface with RA18G/32G/44G Solution module
  - Blind Scan supports PLMN decoding for LTE
  - 5GNR Carrier Scanner supports PLMN decoding for 5G NR SA mode
- Transport
  - 10GigE Packet Capture (Option: ONA-SP-10GECAP)
  - 10/100/1000 Megabit and 1 Gigabit Ethernet LAN (Option: ONA-SP-10M1GE)
  - 1GigE Packet Capture (Option: ONA-SP-1GECAP)
  - 25GE 1588/PTP Test Option (Option: ONA-SP-25G1588)
  - 25GigE Packet Capture (Option: ONA-SP-25GECAP)
  - CPRI Layer 2 NERT Rates 1 to 8 (Option: ONA-SP-CPRI18L2)

### Improvement

- RF
  - Usability improvement for TAGS: Manual setting and Gate Window setting GUI

- Auto File Name
- Auto CPRI configuration
  - Supports latest Nokia format and legacy Ericsson format
  - Support one button report generation for interference/PIM.
- Supports P vs. T (Slot) in LTE/5G NR SiA
- One button ClearWrite/Max/Min Trace set
- Improvement for Auto Preamp for smooth noise floor variation
- Adjustable Column width in Load window
- Cell Phase Sync chart range: +/- 4.5 ms
- Time Error Window: SSB Periodicity (5/10/20/40/80/160 ms), Frame (10 ms), Half Frame (5 ms)
- Transport
  - Able to connect with multiple O-RUs with the M-plane

### Bug Fix

- RF
  - RFoCPRI Auto Configuration – fix bug on Save and Load Setup
  - RFoCPRI RX Setting supports 4x Carriers up to 8xMIMO
  - RFoCPRI RSSI/Slop calculation
  - Error in updating time chart in OTA Channel Scanner
  - Internal Power Meter – 5MHz BW
  - External Power Meter – Wrong Frequency setting
  - Freq/Time/Power Variation – Auto Scale
  - Freq/Time/Power Variation – forcing PCI Manual
  -
- CAA
  - Fixed an issue that displays no parameter setup menus for RF Source in the full Measure Setup screen

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.4.0-r0\_a2

Release date: Jan 28, 2022

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	3.4.0	19 Dec 2021
SPA06MA/SPA06MA-O	2.000.0008r	26 Jan 2022

Transport	3.0.0.fb4e563	21 Dec 2021
CAA06MA/CAA06MB	6.063.002r	26 Jan 2022
Fiber Optic	22.00+svn71660	26 Jan 2022
RFBPM	7.021.001r	21 Dec 2021

### What's new in this release

- TDD Auto Gated Spectrum for 5G TDD (Option: ONA-SP-TAGS)
- Cell Phase Sync Analysis for 5G NR (Option: ONA-SP-CPS)
- 10GE 1588/PTP Test Option (Option: ONA-SP-10G1588)
- ODU C-Plane Emulation (Option: ONA-SP-ODUC)
- RFoCPRI Auto Configuration
- Support MA OTDR module
- Support TEM2

### Improvement

- Management of different extremities
- Sweep time Max= 600s
- Gated Sweep: Zero Span trace can be synchronized with GPS
- Auto File Naming for CAA Module
- Blind Scan performance improvement (5G NR & DSS)
- Antenna Editor for EMF
- Added more Guidelines in the Standard
- CPRI frame capture
- Reduce the power offset across the mode in LTE
- More precise control in Auto Preamp

### Bug Fix

- INCIRP line display in full span
- PIM flatness calculation
- Spectrum Route Map. Min logging time is changed from 20 min to 2 hrs.
- Error on DSS detection
- Sync module tab with actual module assembly status
- Fixed Y-scale error on 5G NR Carrier Scanner – Time Error
- RFoCPRI Auto Configuration clears up previous setting/findings before starting new search
- Fixed discontinued noise floor on Band 3 and Band 5 in SA and RTSA
- Fixed error in license info sharing when connected with EagleEye.

### Known Issues

Infrequent dark screen issue when turned on that needs power recycling

## Release 3.4.0-r0\_a1

Release date: Dec 22, 2021

## Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	3.4.0	20 Dec 2021
SPA06MA/SPA06MA-O	2.000.0004r	22 Dec 2021
Transport	3.0.0.fb4e563	22 Dec 2021
CAA06MA/CAA06MB	6.063.001r	22 Dec 2021
Fiber Optic	21.64+svn70899	22 Dec 2021
RFPM	7.021.001r	22 Dec 2021

## What's new in this release

- TDD Auto Gated Spectrum for 5G TDD (Option: ONA-SP-TAGS)
- Cell Phase Sync Analysis for 5G NR (Option: ONA-SP-CPS)
- 10GE 1588/PTP Test Option (Option: ONA-SP-10G1588)
- ODU C-Plane Emulation (Option: ONA-SP-ODUC)
- RFoCPRI Auto Configuration
- Support MA OTDR module
- Support TEM2

## Improvement

- Management of different extremities
- Sweep time Max= 600s
- Gated Sweep: Zero Span trace can be synchronized with GPS
- Auto File Naming for CAA Module
- Blind Scan performance improvement (5G NR & DSS)
- Antenna Editor for EMF
- Added more Guidelines in the Standard
- CPRI frame capture
- Reduce the power offset across the mode in LTE
- More precise control in Auto Preamp

## Bug Fix

- INCIRP line display in full span
- PIM flatness calculation
- Spectrum Route Map. Min logging time is changed from 20 min to 2 hrs.
- Error on DSS detection

## Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.3.3-r0\_a1

Release date: Dec 14, 2021

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	3.3.0	3.3.3-r0 (08/12/2021)
SPA06MA/SPA06MA-O	1.900	1.9000.0004r_d71c478 (27/11/2021)
Transport	2.2.3	2.2.3.fff6f1c-1 (27/11/2021)
CAA06MA/CAA06MB	6.062	6.062.003r-1 (22/11/2021)
Fiber Optic	21.62	21.62+svn70611-r0 (26/11/2021)

### What's new in this release

#### Improvement

- Minor Change
- CPME

#### Bug Fix

#### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.3.0-r0\_a3

Release date: Dec 1, 2021

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor-800.

Hardware	Version	Build
Mainframe	3.3.0	3.3.0-r0 (18/08/2021)
SPA06MA/SPA06MA-O	1.900	1.9000.0004r_90748bd (18/08/2021)
Transport	2.2.0	2.2.0.52d1710-1 (18/08/2021)
CAA06MA/CAA06MB	6.062	6.062.001r-1 (16/08/2021)
Fiber Optic	21.62	2021/11/26

### What's new in this release

- EONAOTDRMA-ATT
- EONAOTDRMA-ATT-UPG

#### Improvement

- SDK changes for piranha2.5 (MSI and pci stuff)

- New OTDR rpm for piranha2.5 support
- TrueBIDIR function can now be activated on any 4100 series B & C OTDR modules
- Compatibility with MA OTDR Hi

### Bug Fix

- TrueBIDIR now works when directory name contains space

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.3.0-r0\_a2

Release date: Jun 25, 2021

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.3.0	3.3.0-r0 (18/08/2021)
SPA06MA/SPA06MA-O	1.900	1.9000.0004r_90748bd (18/08/2021)
Transport	2.2.0	2.2.0.52d1710-1 (18/08/2021)
CAA06MA/CAA06MB	6.062	6.062.001r-1 (16/08/2021)
Fiber Optic	21.50	21.50+svn69930-r0 (08/10/2021)

### What's new in this release

- Supports new OSA module for ONA-800 mainframe
- New OSA user interface
- Add 25GHz channel grid for DWDM OTDR application

### Improvement

- Better management of 3-splitter clusters in PON architecture with FTTH-SLM
- Optimized OTDR test time vs. pulse width in high split ratio (>1x64)

### Bug Fix

- The launch cable integrated into the OTDR module is correctly managed
- Average loss value different between pdf report and SLM

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling



## Release 3.3.0-r0\_a1

Release date: Jun 25, 2021

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.3.0	3.3.0-r0 (16/07/2021)
SPA06MA-O	1.900	1.9000.0001a_67 (10/08/2021)
Transport	2.2.0	2.2.0 (13/08/2021)
CAA06MA/CAA06MB	6.062	6.062.001r-1 (09/08/2021)
Fiber Optic	21.12	21.12+svn68387-r0 (25/06/2021)

### What's new in this release

- Support for Spectrum Clearing in InterferenceAdvisor EagleEye
- 10G Ethernet (ONA-SP-10GELAN)
- 25G Ethernet (ONA-SP-25GE)
- ODU Emulation S-plane (ONA-SP-ODUS)
- ODU Emulation M-plane (ONA-SP-ODUM)
- Supports VMF/PL (ONA-PMVFL)

### Improvement

- Blind Scan: Usability Improvement by populating pop-up to allow user to pick up measurement to run in conjunction with detected carriers
- Ericsson RFoCPRI 9/1 mapping: Able to extract exponent value loaded on the payload and ensure the validity of UL spectrum level
- RFoCPRI PIM – Spectrum flatness: Display RSSI and spectrum flatness of 4XMIMO Antenna
- Multi PCI dynamic range (NR & LTE)
- EMF Analyzer: Scanner: EMF Analyzer supports spectrum centric EMF measurement for multiple discrete bands sequentially and automatically.
- Auto Preamp: Auto Preamp and Input Atten control in IA& SA mode
- RF Power meter: Support external RF Power Sensor
- Custom favorites: User can create Favorite on the system screen with current setting or setup file
- LTE-FDD/TDD supports Subframe measurement
- Support Trace function in 5G NR EIRP measurement

### Bug Fix

- RFoCPRI: CPRI configuration is disabled for WCDMA
- LTE-OTA Control: Negative EVM value shouldn't be displayed
- RFoCPRI Load Setup is not working
- SFP decode errors on the ONA-800
- Spectrum Route Map: PEAK frequency is not updated properly

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.2.1-r0\_a1

Release date: Jun 25, 2021

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.2.1	3.2.1-r0 (04/05/2021)
SPA06MA-O	1.800	1.8000.0002r-a5adfd1 (25/06/2021)
CAA06MA/CAA06MB	6.061	6.061.001r-1 (21/06/2021)
Fiber Optic	21.12	21.12+svn68387-r0 (25/06/2021)

### What's new in this release

- Supports Nano-OSA
- Supports PM/VFL

### Bug fix/Improvement

- Improved Spectrum sweep time in Normal mode and Gated Sweep. It is about four times faster typically.
- Fixed error on RFoCPRI NEM default Setting
- Fixed error in applying color on Route Map when recalling GOMV files
- Fixed bug retaining watermark on thumbnail map
- Added AVG on Zero Span Trace in Gated Sweep
- Fixed Zero span trace level error due to Channel No change.
- Fixed Gate Length setting error in Gated Sweep

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.2.1-r0\_a0

Release date: May 6, 2021

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
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Mainframe	3.2.1	3.2.1-r0 (04/05/2021)
SPA06MA-O	1.700	1.7000.0009r-b77eff8 (28/04/2021)
CAA06MA/CAA06MB	6.060	6.060.001r-1 (28/04/2021)
Fiber Optic	21.02	21.04+svn67715-r0 (29/04/2021)

### What's new in this release

- NSA Analyzer
- Scalar 2 Port
- LTE FDD/TDD Signal Analysis
  - Constellation, Frame Summary, Data Allocation Map, P vs. T (Frame)
- 5G NR Signal Analysis
  - P vs. T (Frame)
- Blind Scanner for LTE, DSS, and NR carrier search

### Bug fix/Improvement

- RFoCPRI speed improvement in Quad SA mode
- RFoCPRI usability improvement for easier RX settings and traces control.
- Feature improvement on LTE FDD/TDD OTA Analyzer
  - Occupied BW, SEM, ACLR, Multi-ACLR, OTA Control Channel
- Feature improvement on 5G NR OTA Analyzer
  - Occupied BW, SEM, ACLR, Multi-ACLR, Multipath Profile
- EMF Analyzer
  - Improve beam visibility
  - RSRP Max/Min/AVG
  - Level Recorder for EMF-NR
  - Add UL/DL Allocation factor in EMF-NR Extrapolation
  - Append Standard guidelines
  - Export to CSV for EMF-NE
- NR/DSS improvement
  - PBCH-DMRS Power/EVM
  - Auto preamp control in LTE
  - NSA/DSS logging file export to Google Earth/Map
- Added Band 87 and 88 in the Channel Std

### Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.1.1

Release date: Feb 12, 2021

## Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.1.1	3.1.1-r0 (12/22/2020)
SPA06MA-O	1.600	1.600.0007r-19bd4f3 (12/23/2020)
CAA06MA/CAA06MB	6.040	6.040.002r-1 (12/17/2020)
Fiber Optic	19.92	19.92+svn65461-r3 (12/11/2020)

## What's new in this release

- Supports SPA06MA module, a new 6GHz spectrum only hardware
- Sync of Preamp and Attenuation settings between ONA-800A and InterferenceAdvisor, EagleEye App

## Bug fix/Improvement

## Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.1.1

Release date: Dec 24, 2020

## Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.1.1	3.1.1-r0 (12/22/2020)
SPA06MA/SPA06MA-O	1.600	1.600.0007r-19bd4f3 (12/23/2020)
CAA06MA/B	6.040	6.040.002r-1 (12/17/2020)
Fiber Optic	19.92	19.92+svn65461-r3 (12/11/2020)

## What's new in this release

- **Spectrum/CPRI software options (Requires SPA06MA-O hardware)**
  - N/A
- **Fiber/Optic solution modules supported**
  - N/A
- **Fiber/Optic software option**
  - N/A

## Bug fix/Improvement

- Fixed display flickering issue

## Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.1.0

Release date: Dec 18, 2020

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.1.0	3.0.1-r0 (11/12/2020)
SPA06MA-O	1.600	1.600.0006r-0653b3a (14/21/2020)
CAA06MA/CAA06MB	6.040	6.040.002r-1 (17/12/2020)
Fiber Optic	19.92	19.92+svn65461-r3 (11/12/2020)

### What's new in this release

- **Spectrum/CPRI software options (Requires SPA06MA-O hardware)**
  - ONA-SP-DSSOTA; DSS OTA Analyzer
  - RtSA improvement. Narrower span for better resolution and smaller RBW for better sensitivity.
    - Span: 100MHz to 3Mhz
    - RBW: 10MHz to 3kHz
- **Fiber/Optic solution modules supported**
  - N/A
- **Fiber/Optic software option**
  - N/A

## Bug fix/Improvement

- Make CDM file generation configurable.
- Fixed LTE-FDDOTA, LTE-TDDOTA, DSSOTA license installation issue
- Change the warning message for Factory Reset
- Fixed invalid error message displaying after turned on

## Known Issues

- Infrequent dark screen issue when turned on that needs power recycling

## Release 3.0.1

Release date: Oct 20, 2020

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.0.1	3.0.1-078fabd (14/10/2020)
SPA06MA-O	1.400	1.400.0027r-6bcfb31 (21/10/2020)
CAA06MA/CAA06MB	6.020	6.020.001r-1 (21/10/2020)
Fiber Optic	19.90	19.90+svn65054-r0 (15/10/2020)

### What's new in this release

- **Spectrum/CPRI software options (Requires SPA06MA-O hardware)**
  - ONA-SP-5GOTA; 5GNR OTA Beamforming analyzer
  - ONA-SP-EMFSA; EMF Analysis (Spectrum Analysis base)
  - ONS-SP-EMFNR; EMF Analysis (NR Beam Analysis base)
- **Fiber/Optic solution modules supported**
  - E4123MM; Multimode 850/1300 nm OTDR Module
  - E4138FMA365-APC; METRO-ACCESS/PON 1310/1550//F1650 NM APC OTDR MODULE
  - E4146QUAD; Multimode / Single mode 850/1300/1310/1550 nm OTDR PC
  - E4146QUAD; Multimode / Single mode 850/1300/1310/1550 nm OTDR APC
  - E41OTDRPM; Power Meter Option for OTDR Modules
- **Fiber/Optic software option**
  - EFTTHSLM; FTTH-SLM OTDR FUNCTION
  - EFTTHSLM-UPG; FTTH-SLM OTDR UPG OPTION
  - EFTTASLM; FTTA-SLM FUNCTION
  - EFTTASLM-UPG; FTTA-SLM OTDR UPG OPTION

### Bug fix/Improvement

- Fixed bug causing blur at the bottom of the LCD display
- Frequency stability improvement using GPS

### Known Issues

## Release 3.0.0

Release date: Aug 29, 2020

- **Software and Hardware compatibility**

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	3.0.0	3.0.0.0ec96ca
SPA06MA-O	1.3.0	1.300.1241r-1881b00
CAA06MA/CAA06MB	6.011	6.011.001r-1
Fiber Optic	18.98	18.98+svn64254-r0

### What's new in this release

- **TPA (Test Process Automation)**

- TPA becomes more interactive by offering pop-up window informing user about the next job scheduled and also allowing user can choose whether to continue or do more troubleshooting at the current mode.
- TPA works with Spectrum Analyzer, Interference Analyzer, RtSA, and RFoCPRI measurement
- **Spectrum/CPRI software options (Requires SPA06MA-O hardware)**
- **Fiber/Optic solution modules supported**
  - E41 E4138FMA365-APC
  - E4146QUAD-PC
  - E4146QUAD-APC
  - E4123MM-PC
  - E41OTDRPM
- **Fiber/Optic software option**
  - EFTTHSLM
  - EFTTHSLM-UPG
  - EFTTASLM
  - EFTTASLM-UPG

### Bug fix/Improvement

- RF Source of CAA module can work with RadioAnalysis concurrently.
- Reduced FAN noise
- Spectrum freezing with specific frequency setting at the below of 40MHz
- Messing up spectrum trace when Min Hold or Average is used in RFoCPRI

### Known Issues

### Release 1.2.0

Release date: June 29, 2020

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for OneAdvisor.

Hardware	Version	Build
Mainframe	1.2.0	1.2.0-79d5204
SPA06MA-O	1.0.0	1.000.1214r-1bd2e41
CAA06MA/CAA06MB	6.010.006r	9b02487
Fiber Optic	18.96	svn63634-r0 (19/06/2020)

## What's new in this release

- **Platform**
  - Supports interoperability with VIAVI's AntennaAdvisor Handle
  - Supports interoperability with VIAVI's InterferenceAdvisor, an Android based Automated Interference Hunting Solution.
- **Spectrum/CPRI software options (Requires SPA06MA-O hardware)**
  - ONA-SP-GNSS: GPS Option
  - ONA-SP-RT50: Realtime Spectrum Analysis up to 50MHz BW
  - ONA-SP-RT100: Realtime Spectrum Analysis up to 100MHz BW
  - ONA-SP-INTAN: Interference Analyzer (Interference Finder, Radar Chart, AA Handle)
  - ONA-SP-GSS: Gated Sweep Spectrum
  - ONA-SP-RM: Spectrum Route Map
  - ONA-SP-CPRI17: RFoCPRI Interference Analyzer for CPRI link rate from 1 to 7
  - ONA-SP-CPRI8: RFoCPRI Interference Analyzer for CPRI link rate 8
  - ONA-SP-CPRI18: RFoCPRI Interference Analyzer for link rate from 1 to 8
- **Fiber/Optic solution modules supported**
  - E41DWDMC-APC: E41DWDMC-PC; TUNABLE DWDM APC OTDR MODULE – C-BAND
  - E41DWDMC-PC: E41DWDMC-PC; TUNABLE DWDM PC OTDR MODULE – C-BAND
  - 2301/12: 2301/12; COSA-4055 APC CWDM OSA Module with SFP Bay – SC optical adapter mounted FC enclosed
  - 2331/12: 2331/12; OCC-4056C APC; DWDM Analyzer with SFP bay
- **Fiber/Optic software option**
  - 2331/94.01 Tunable SFP for OCC
  - ENTERPRISESLM / ENTERPRISESLM-UPG
  - ESMARTACQ / ESMARTACQ-UPG
  - ECABLESLM / ECABLESLM-UPG

## Bug fix/Improvement

- Usability improvement on Home page with test shortcuts and Favorites
- Test Process Automation
  - CAA Check (requires SPA06MA/B module)
  - Job Manager with StrataSync

## Known Issues

- N/A



## Release 1.1.0

Release date: April 2, 2020 – 1<sup>st</sup> release

### Software and Hardware compatibility

The following table lists the versions of related VIAVI hardware and software that can be used in conjunction with this release for ONA-800A.

Hardware	Version	Build
Mainframe	1.1.0	22/04/2020
CAA06MA/CAA06MB	6.010.003r-1	14/04/2020
Fiber Optic	18.94	17/03/2020

### What's New in this release

Solution	Hardware	New SW feature/Option	Brief Description
Base Feature	ONA-800A	ONA-MF-WIFI ONA-MF-BT SAA-ADVISOR	Support of base features on ONA- 800A base including Wi-Fi, Bluetooth, Smart Access Anywhere, Mobile Tech, StrataSync, Job Manager
CAA	CAA06MA/B Module	ONA-CAA-RFS	VSWR, DTF, Cable Loss, Smith Chart, Bias-T, RF Source
OTDR	E4100 series Module	EFTTASLM	SM, MM, QUAD OTDR, LS, PM
FIT	FIT-FC-KIT3		FIT-FC-KIT3; Kit FiberChek Autofocus WiFi Microscope Tips for LC/PC SC/PC and SC/APC Case
OPM	MP-60A		Retrieving data. Wait a few seconds and try to cut or copy again.

## 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>



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