VIAVI

MTS / T−BERD 4000V2

B184310

RELEASE NOTE

Firmware Pack Version B184310 (October 2018)

-	Boot	V10.24	17/October/2018
-	Linux Kernel	V10.44	03/September/2018
-	File System	V10.54	22/October/2018
-	Instrument Setup	V17.32	22/October/2018
-	Microscope	V17.32	22/October/2018
-	Fiber Optics	V16.88	22/October/2018

CONTENT

T-BERD/MTS 4000V2 Base Unit

Improvements

- Improved management of M2M function, especially when an SAA connection was active and then the unit reset
- When using SAA with wifi, the auto-connect function is automatically activated
- When a connection to the network is made, the host name is now displayed

OTDR

New functionalities

- Addition of result file which is having the json extension
- When using multiple pulses, generation of a unique SOR file with the displayed trace, this trace being made of multiple acquisitions
- When the acquisition is using multiple pulses, the acquisition time now represents to time of all pulses and not any more the individual pulse
- Expert mode: addition of the fiber topology along the setup menu
- The link manager file now includes launch and receive cable information
- Addition of "Date & Time" for directory naming convention, as well as "Job Id" for file naming convention
- Alignment of the name of the tab to the name of the icon in the home page
- Certifi integration
- SmartTest: management of user defined labels (part of a license option)
- License option for short pulse on MP2

Improvements

- Improved handling of trace display when using multiple pulses, this mode can also now be available on all OTDR modes (license required)
- Improved management of fiber number when performing a launch cable measurement
- Improved measurement of short launch cables
- Improved management of events on txt and json files
- Improved management of fiber end
- Improved management of lock marker function with SmartAcq license
- OEO: improved report generation with addition of "Include AB and BA traces: NO/YES"
- Improved handling of the merged PDF file name (merge file integrating multiple functions into one PDF file on the fly)
- Improved display of cursor values on PDF files, when launch cables are used

Power meter

Improvements

- Improved color handling for text in the power meter result page

FiberComplete

New functionalities

- A PON network can now be tested with the OTDR used by FiberComplete
- Automatic ability to detect a modulation (1KHz) along the link

Improvements

- Improved management of configuration file saving, this under Setup page, like for the other functions

Scope

New functionalities

- PDF files generated by the scope function now includes relevant metadata (to be used by customers or Stratasync)

Improvements

- If the connector image is very close to the display sides, the circles are still positioned around the connector (and also no freeze anymore)
- Improved management of colours in the connector image
- In case of test error, in autosave mode, nothing is saved