JDSU

MTS / T-BERD 6000

WITH SN > 10 000

MTS / T-BERD 6000A

B14314

RELEASE NOTE

Ste-Core Package 14314 (July 2014)

- Boot V5.30 (24/July/2014)
- Linux Kernel V6.90 (24/July/2014)
- File System V5.02 (31/July/2014)
- Instrument Setup V13.02 (29/July/2014)
- Microscope V13.02 (29/July/2014)

Ste-Optical Package 14314 (July 2014)

- Fiber Optics V13.02 (29/July/2014)

CONTENTS

T-BERD/MTS 6000/6000A Base Unit

New functionalities

- ➤ Ability to set Ethernet with autonegociation off

Improvements

- ➤ For remote control commands, ability to handle "\n" on warnings
- ➤ A warning is now provided when the disk free space reaches 5% of capacity
- ➤ When a directory is created, the cursor is then located at this given directory
- ➤ Improved management of 3G/4G dongle
- ➤ Updated translations

FO Functions

Improvements

- ➤ Improved handling of the PDF generation with multiple functions
- ➤ When "copy setup to all" is selected, a confirmation is now requested
- ➤ Improved talkset/datalink management

OTDR

New functionalities

- ➤ FTTA-SLM: different topologies can be selected (SmallCell, RoofTop, DAS…)
- ➤ Addition of jod ID under link description

Improvements

- ➤ Optipulses: With short acquisition, suppression of the noise area after the useful part of the trace
- ➤ Optipulses: improved management of automatic optipulses with integration of launch cable information
- ➤ Optipulses: On short acquisition, management of only one pulsewidth
- ➤ Improved PDF report
- ➤ BidirOTDR tab: this tab is now aligned with the different OTDR evolutions (trace, zoom, cursors…)
- ➤ Improved display refresh during real time measurement with cursors
- ➤ Faster PDF report generation
- ➤ When launch cable is used, the 0 distance axis starts at the end of the launch cable
- ➤ With touchscreen displays, the selection between trace only and trace+table now also available by clicking into the mini-trace located on top left of the screen
- ➤ A new acquisition reset the "fast report" key
- ➤ Improved positioning of receive cable when a distance is set manually

- FTTA mode: improved management of fiber coding of Rx-Tx
- Improved management of realtime display when power meter tab is also available

Fcomp

Improvements

- Improved warning information with FO-1100 error
- Addition of a beep at the connection between the two instruments
- During referencing process, "Init Refs" key is now changed to "Factory Refs"
- Better use of touchscreen on the table of events (scroll bar, …)
- During referencing, "Attenuation too high" now provides information about its high loss
- Improved 1310nm IL/ORL measurement process
- Improved management of referencing
- Improved management of pdf report in cable view
- Improvement of automatic selection/de-selection of OTDR with OEO functions while two units are connected with FiberComplete function
- When bidirOTDR is selected in Fcomp, then at the press of the Start key, the datalink is automatically activated

BBS

New functionalities

- The serial number of the module is shown on the result page

PMD

New functionalities

- Ability to add DGDeff pass/fail thresholds with I-PMD module

Improvements

- Improved setup menu, in line with the other optical functions

CD

New functionalities

- Addition of a summary table

Improvements

- Improved setup menu, in line with the other optical functions

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AP

New functionalities

- ➢ Addition of a summary table

Improvements

- ➢ Improved setup menu, in line with the other optical functions

OSA

New functionalities

- ➢ HR-OSA: In-band OSNR measurement now possible with 40G dual-polarization signals

Improvements

- ➢ Improved setup menu, in line with the other optical functions
- ➢ HR-OSA: ability to define an ITU grid

Scope

Improvements

- ➢ Improved setup menu, in line with the other optical functions
- ➢ Improved report generation menu directly from result/setup page
- ➢ Auto increment also available when storing in PDF format
- ➢ More scope profiles available and automatic adjustment of tip according to the given profile
- ➢ Better management of the keyboard
- ➢ If the scope version is smaller than 1063, at first connection, a message advises to upgrade to a more recent version

Script

New functionalities

- ➢ Ability to generate a PDF report

Improvements

- ➢ Fiber number 0 no longer possible
- ➢ On the edition of field, we no longer enable a space at the end of the field
- ➢ Renaming of some fields on the txt file
- ➢ During the script, now the user can go to the function tabs, this by pressing the "Result" key. Then to go back to the script, press the "Script" key
- ➢ Ability to auto populate the distance from the OTDR into the other function tabs (PMD, CD, AP…), with on the distance field a choice between "unknown" or "distance"
- ➢ Improved management of directory naming having fiber numbers

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- Change of the text of some information and warnings
- Attenuation values no longer reported in negative values
- Correction of issue generating "no more free system memory" message