Viavi JDSU T-BERD MTS-60000A with VFL option, 8126MR OTDR Module and C0404 Communications Analyser Module with SFP & E1 Physical Interface Modules and various Optical Transceivers and Active Copper SPF's.

Current Calibration certificates and results for all listed items valid to 23 May 2023.

Viavi JDSU MTS-6000A Test platform S/No. 25458 – Includes:

- Large 8 inch Transreflective TFT Touchscreen colour display improves viewing under any conditions
- VFL option included
- 2 x USB Interfaces
- 1 x Ethernet Interface
- Long life Lithium-ion battery and charger.
- 16GB flash drive fitted
- Calibration valid on all listed items until 23 May 2023.

Viavi JDSU 8126MR OTDR Plug-In Module:

- Long Haul Fibre Module 1310/1550nm 40/38dB
- SC-APC connector (this is a user removable connector and the following connectors are available from Viavi):
- Straight: PCFC, PCSC, PCST, PCDIN, PCLC
- Angled: PCFC, PCSC, PCDIN, PCLC

Viavi JDSU C0404 Communications Analyser Plug-In Module:

- One x E1 Physical Interface Module (PIM) with 2 x BNC connectors RX1 & TX/RX2.
- Two x SFP Physical Interface Modules (two ports on each SFP PIM).

Seven Optical Transceivers to fit Viavi JDSU SPF Physical Interface Modules (PIM's):
- JDSU JSH-12L1DD1 Optical Transceiver - 1310nm
- JDSU SFP-ML2LKTD5DCA Optical Transceiver - 1550nm
- Finisar FTLF1319P1BTL Optical Transceiver - 1310nm
- Finisar FTLF1721P1BCL Optical Transceiver - 1310nm
- Finisar FTLF1323P1BTR Optical Transceiver - 1310nm
- Finisar FTLF1323P1BTR Optical Transceiver - 1310nm
- Finisar FTLF8519P2BNL Optical Transceiver – 850nm

Two Active Copper SFP Transceivers to fit Viavi JDSU Physical Interface Modules (PIM's)

- Finisar FCLF8251-3 1.25Gbps 1000BASE-T 100M RJ-45 Active Copper SFP Transceiver
- Finisar FCLF8251P2BTL 1000BASE-T 100M GEN2 RJ45 Active Copper SFP Transceiver

Next Generation Carrier Ethernet Test Solution

T-BERD/MTS-6000A is a compact and lightweight test platform designed for all phases of network lifecycle from the installation to the maintenance of fibre networks. Modular in design, the T-BERD/MTS-6000A offers an extensive portfolio of test functionality for multiple network layers.

A single Multi-Services Application module provides an integrated solution for Ethernet, SONET/SDH, and higher-layer tests. Optical Modules allow thorough testing of short-haul, long-haul, FTTx, CWDM, and high speed 40Gbps networks.

Highlights

- Offers maximum usability and minimum footprint with over than 100 applications in a compact, lightweight platform

- Accesses the cloud via Wi-Fi/3G/4G LTE and manages assets and data with Stratasync

- Large compatibility with more than 80 modules and field upgradable options

- Remotely coach and support field techs with Smart Access Anywhere (SAA)
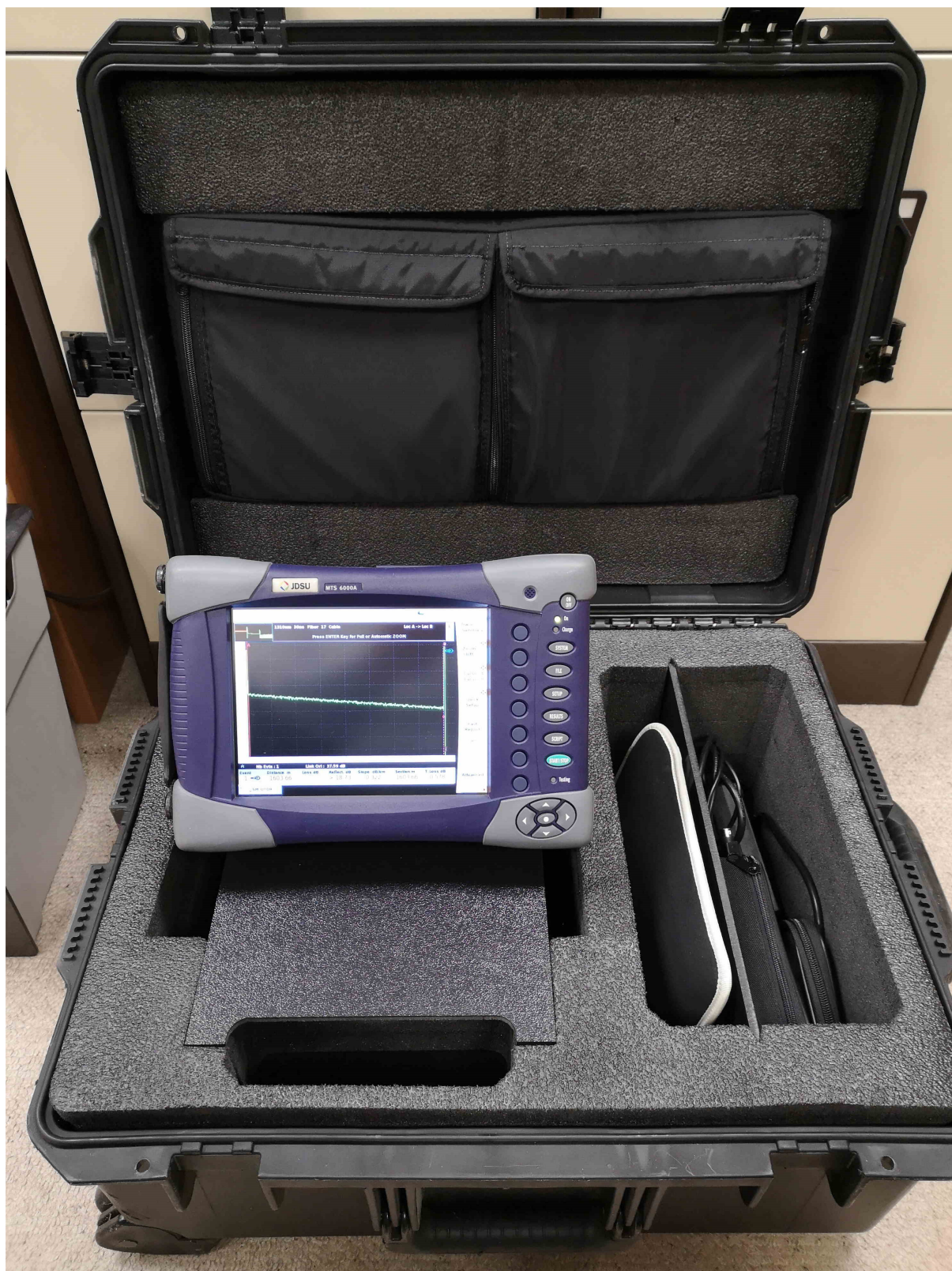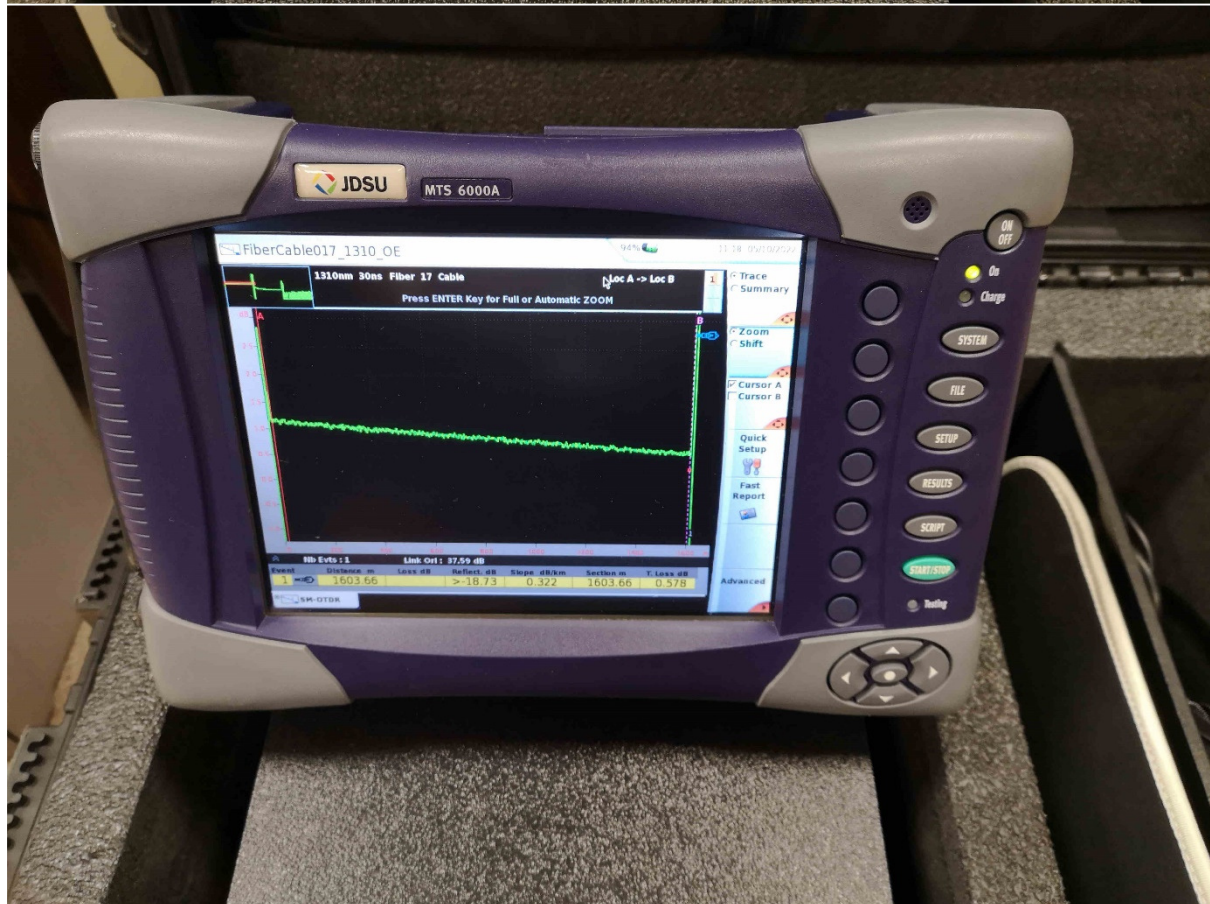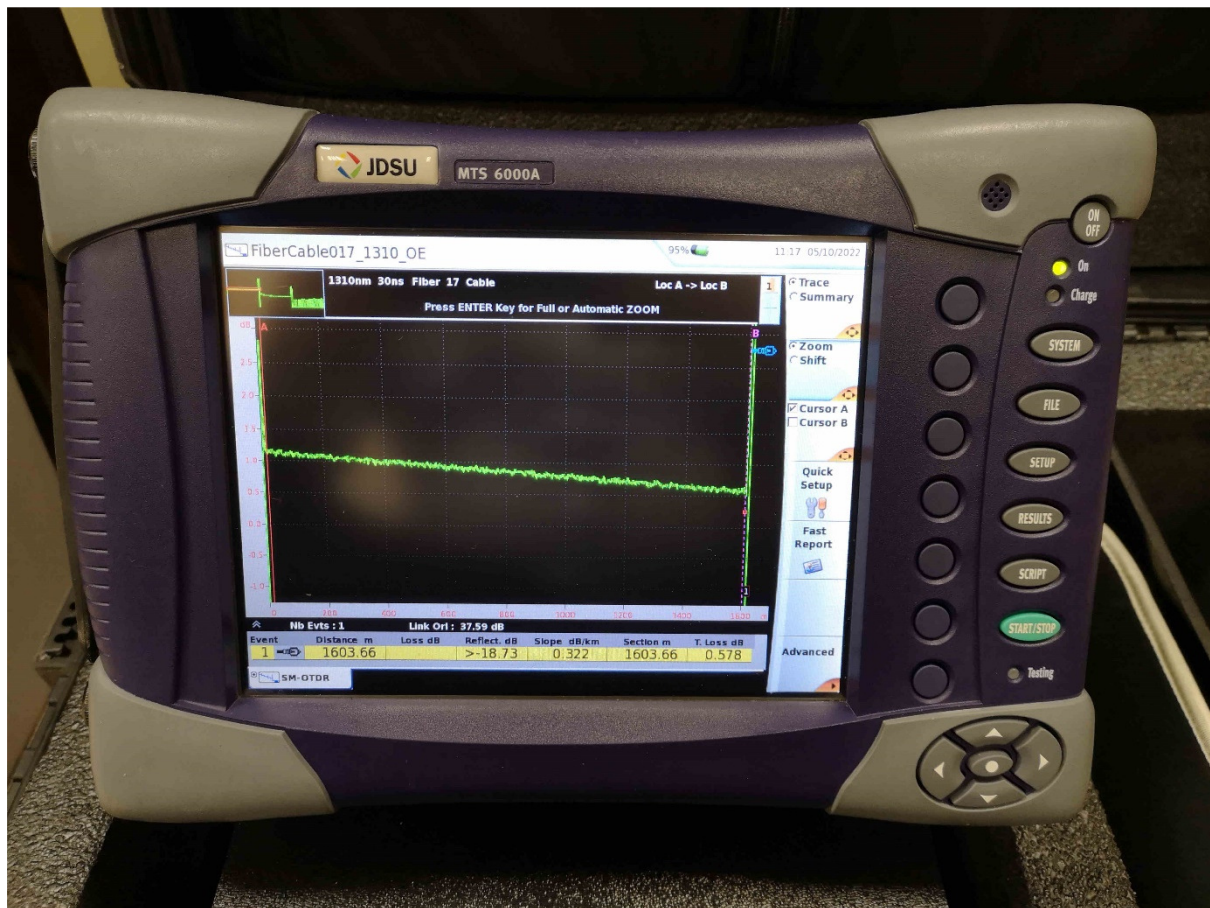
Applications

- OTDR and power level testing - Learn more about OTDR Testing.
- Converged Ethernet/IP networks at 10 Mbps to 10 G interfaces testing and troubleshooting.
- TDM/PDH to SONET/SDH at OC-3/STM-1 to OC-192/STM-64 testing.
- OTN networks installation and maintenance up to 11.1 G interfaces with ODU-0/ODUFlex support for Ethernet/IP client interfaces.
- Dual FC (1, 2, 4, 8, 10 G) testing for service activation and maintenance of SANs and low-latency circuits
- PMD, Spectral Attenuation Profile and Chromatic Dispersion (CD) testing.
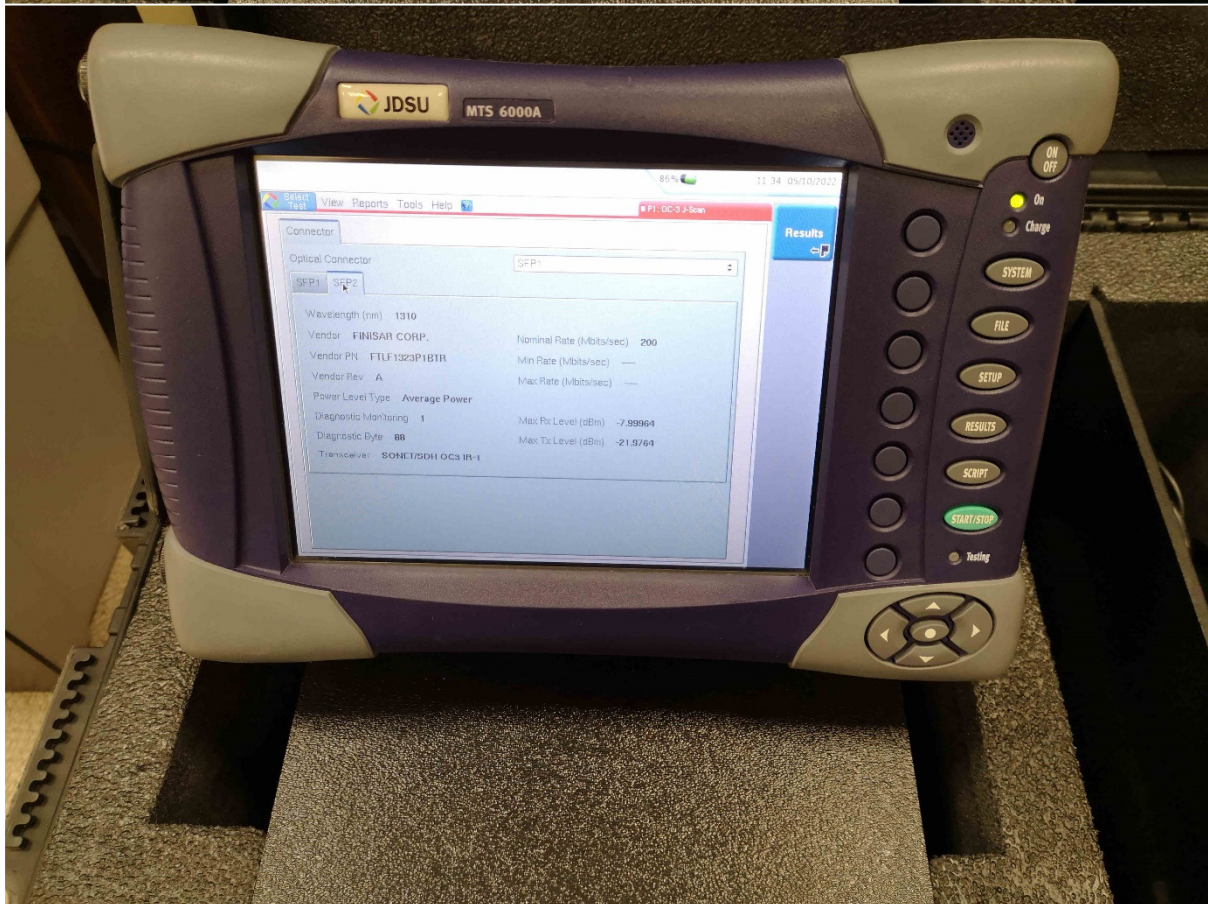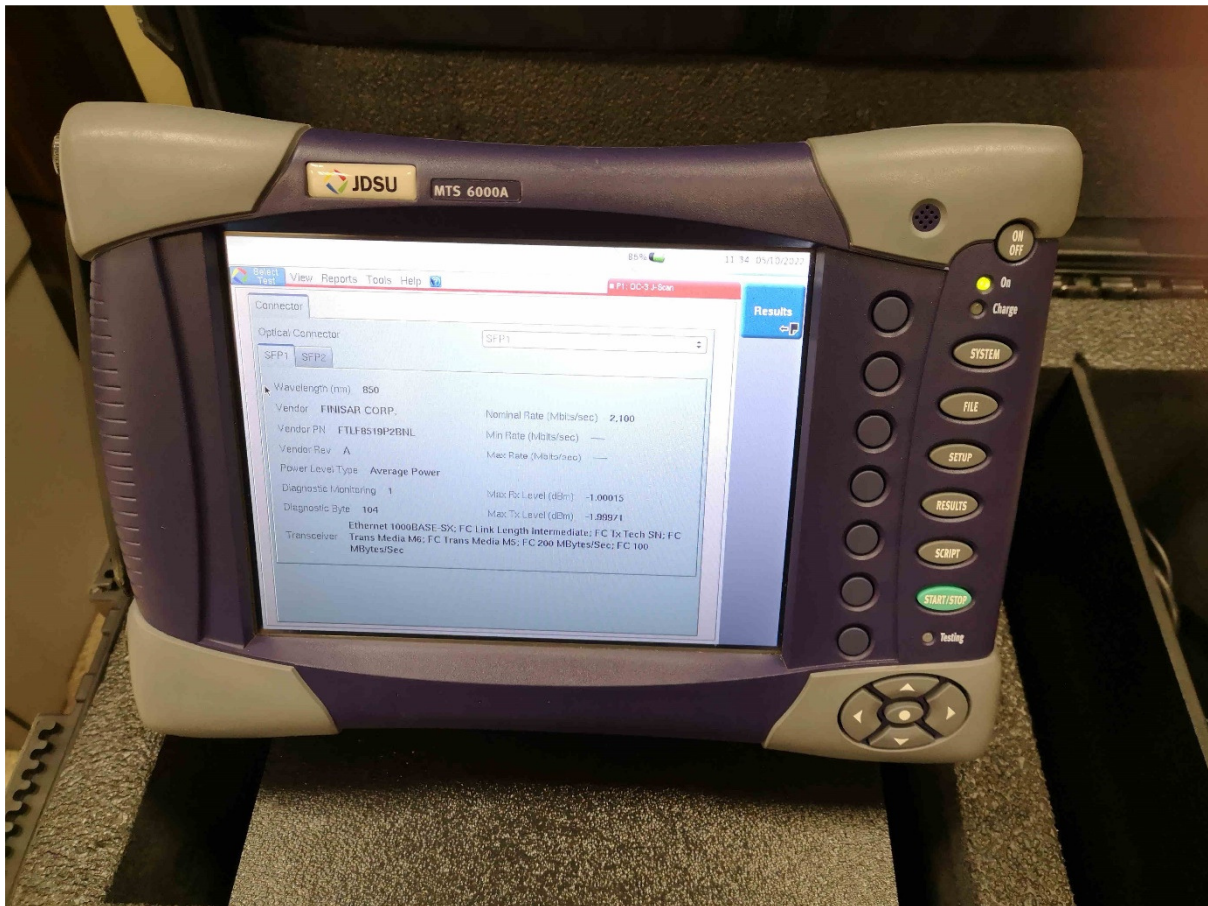- Optical Spectrum Testing

Key Features

- Lightweight platform: only 2.4kg/5.3 lbs.
- Large 8 inch transreflective TFT colour display improves viewing under any conditions.
- Intuitive graphical user interface with touchscreen
- Long battery life using smart Lithium ion cell.

- Connection checker with VFL, power meter, ORL and video inspection scope options.
- Built-in optical talkset option for communicating along the fiber.
- Remotely controlled (Ethernet/IP) / WiFi / 3G /4G
- Fast data transfer via USB, Ethernet port and 1GB extended memory.
- GPS option to certify coordinates.

SFP Physical
Interface Module
Electrical
Made in
Compiles CSA C
CSA C22
Listing #
MET
us
CE

JDSU S/N
P3

E1 Physical
Interface Module
Jitter Capable
Made in Mexico
Complies with
CSA C22 2 N
Listing #E112

JDSU S/N
P2 - 021002

SFP Physical
Interface Module
Compiles C
CSA C22
Listing #
MET
us
CE

JDSU S/N
P1

JDSU
SFP/XFP

JDSU
Physical Interface Module

Customer: Global Test & MeasProducts Ltd

Certificate No: 138908/AB

138908AB

Certificate of Calibration

Equipment Information

Make: JDSU

Model:	*Description:*	*Serial No:*	*Reference:*
MTS6000A	MODULAR MAINFRAME	25458	
8126MR	OTDR MODULE	16914	

Calibration Category

A01   In specification: no adjustment performed.

Comments

Calibration Information

This instrument was calibrated against laboratory standards which are either traceable to SI units
(as realised by National or International Standards) or have been derived by approved ratio techniques.
Any specification or uncertainty quoted refers to the measured values only unless otherwise shown, with
no account being taken of the ability of the instrument to maintain its calibration.

The calibration was performed in such a manner as to comply with the requirements of BS EN ISO
10012:2003 in accordance with our BS EN ISO 9001:2015 Registration. (Certificate Number FS 11427)

Temperature and Relative Humidity conditions are shown on the results sheet unless not relevant to the
measurements performed.

Calibration results are held on file for a minimum period of 3 years and can be made available if required.

Calibrated by:	M Randall	**Date of calibration:**	24/05/2022
Approved:	K G Dove QC006		
Date:	25/05/2022	**Re-calibration date:**	23/05/2023

This certificate has been electronically approved by an OTC authorised signatory.