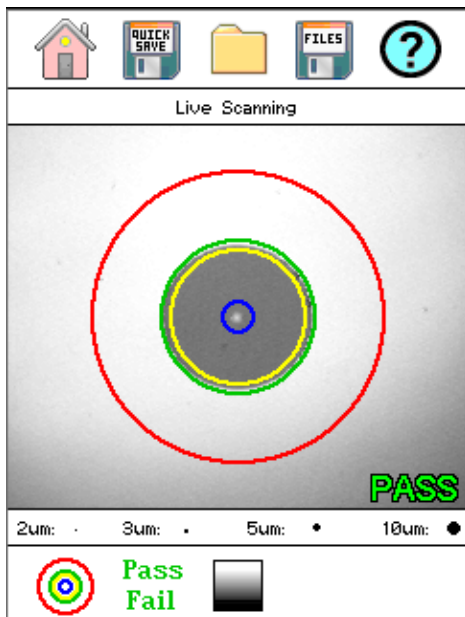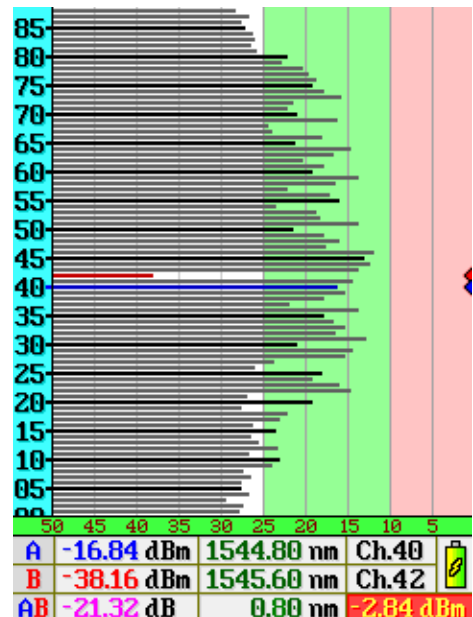# FIS OPTICAL SPECTRUM ANALYZER

FEATURES

- Available for DWDM
- Up To 88 Channels
- 50 or 100 GHz
- Pass/Fail Thresholds
- Fast Real Time with <1/2 second Update
- Bar Graph and Table Displays
- Auto Test Zooms in on Active Channels
- Rugged Case w/Impact Resistant Boot
- Solid State Optics-No Moving Parts
- Easy Operation with Help Mode
- User Setup Screen
- 4" Touch Color Display
- 4 hr Battery Life
- Impact Resistant Boot
- Stores 1000 test
- USB/PC Port

The OSR-80C Optical Spectrum Analyzer is one of the most rugged and affordable full featured Mini OSAs on the market. This C-band hand held OSA is available in up to 88 channels with 50 and 100 GHz channel spacing. The OSR-80C is simple and fast to operate with its touch screen operation and twice a second scan. It offers high end features such as Power Tilt for DWDM channel equalization.

With a full set of selectable scale limits and thresholds, the OSR-80C makes zeroing in on channel measurements easy. For flexibility the channel numbers are selected in wavelength or frequency. The information is displayed in graph or table mode on the 4" bright color touch screen. This unit allows users to set Pass/Fail thresholds and can store up to 1000 tests that can be downloaded via the USB PC port. Documentation is fast and easy with the included Cert-Soft certification software. The onboard Help system assists new users in parameter setup and file manipulation.

TOUCH SCREEN GRAPHICAL USER INTERFACE

IEC61300-3-35 VIDEO INSPECTION SYSTEM WITH AUTOMATED PASS/FAIL/CENTERING

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FIS OPTICAL SPECTRUM ANALYZER

SPECIFICATIONS

Wavelength Range	C-Band 1530.40 -1565.10nm (195.90THz - 191.55THz)
Channel Spacing	50GHz, 100GHz
Wavelength Accuracy	±0.1nm
Max Composite Power	+28 dBm
Channel Power Range	+10dBm to -50dBm
Absolute Accuracy	±1 dB
Readout Resolution	0.01dB
PDL	±0.15dB
Measurement Time	< 1/2 Sec
Return Loss	>40dB
Optical Interface	Universal UPC (FC/SC)
Graphical Display	Bar Graph and Tables
Display	4 in Color TFT
Dimensions	7.62 x 3.88 x 1.56 inches
Weight	1.6 lbs
Battery/Operation time	Rechargeable NiMH / 4 hours
Power	100-240 universal
Environmental	Operation -10°C to + 50°C
Accessories Included	Universal power supply with mains for US, UK, CE and AU. Interchangeable FC and SC adapters, Window'sTM Compatible Software, USB Cable, Manual and Rubber Boot

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