

Electrical Telecom Package

ET-PMT Pulse Mask Test Package

LEADING FEATURES

- Automatic PASS/FAIL testing
- Supports ANSI T1 and ITU standard pulse mask tests
- User-definable mask for custom signals
- Automatic mask alignment
- Multiple actions on failure



DS-1 Pulse Mask Test.

Fast, Accurate Conformance Testing

The new ET-PMT electrical pulse mask testing software for LeCroy Oscilloscopes performs automated compliance mask tests on a wide range of electrical telecom standards.

Signals are tested against standard masks and the software keeps track of the number of failures (signal excursions outside the compliance mask) as well as the percentage of failures relative to the number of sweeps.

Unattended or long-term testing is supported through the use of automated actions on failure. These include storage of the failed waveform, outputting a pulse, printing a screen image, stopping the test, or generating an audible alarm. Any combination of these actions can be set

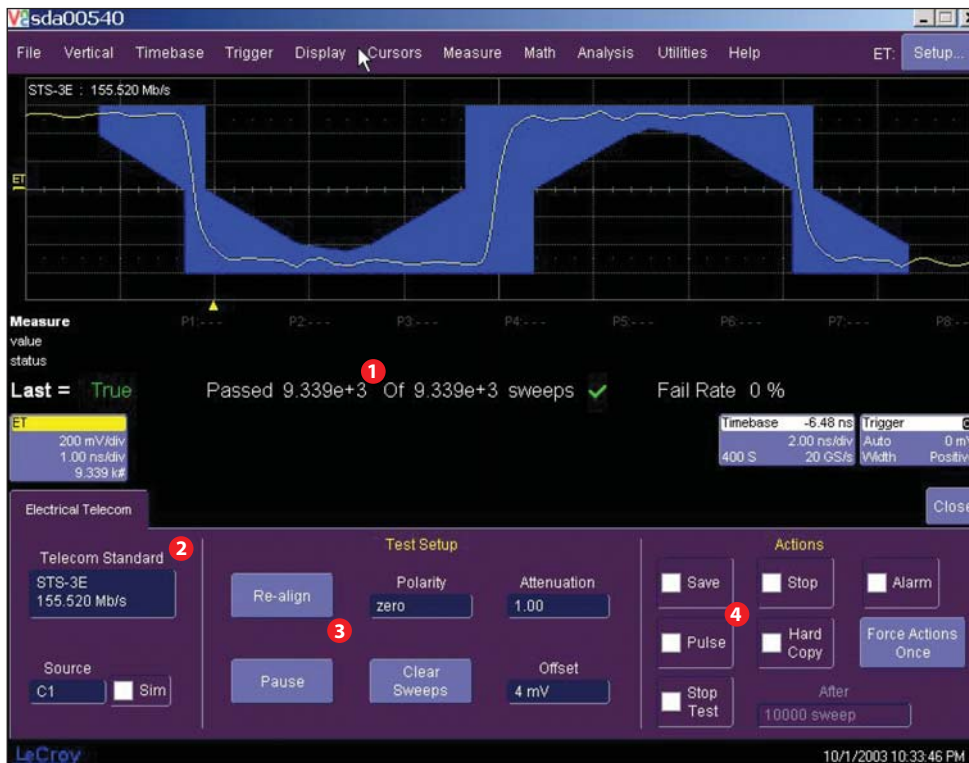
to occur on a failure. The test can be programmed to terminate after a defined number of sweeps or to run indefinitely.

Future-Proof Design

As telecom standards evolve, new pulse types and data rates are defined. In addition, many new applications for pulse mask tests are being developed for proprietary interfaces.

The LeCroy ET-PMT software mask, alignment and pulse location functions are completely defined by a single Microsoft™ Access 2000™ data base. New mask test criteria can be added by simply editing this file to include the data rate, mask and any pulse finding criteria.

LeCroy



- ① Failure rate and percentage
- ② Support for ITU and ANSI telecom pulse masks
- ③ Automatic mask alignment, gain and offset
- ④ Multiple simultaneous failure actions

Technical Specifications

Telecom Standards:	E1 TP, E1 Coax, E2, E3, E4, STM1-E, DS-1, DS-3, STS-1, STS-3E
Actions on Failure:	Save, stop, print, alarm, output pulse

Sweep Count for Testing:	1 to 10e9
Compatibility:	WaveMaster, WavePro 7k, WaveRunner

Sales and Service Throughout the World

Corporate Headquarters

700 Chestnut Ridge Road
Chestnut Ridge, NY 10977
USA
www.lecroy.com

LeCroy Sales Offices:

Austria: Markersdorf
Phone (43) 2749 30050
Fax (43) 2749 30051

China: Beijing
Phone (86) 10 8526 1616
Fax (86) 10 8526 1619

Hong Kong
Phone (852) 2834 5630
Fax (852) 2834 9893

France: Les Ulis
Phone (33) 1 69 18 83 20
Fax (33) 1 69 07 40 42

Germany: Heidelberg
Phone (49) 6221 827 00
Fax (49) 6221 834 655

Italy: Venice
Phone (39) 041 456 97 00
Fax (39) 041 456 95 42

Japan: Osaka
Phone (81) 6 6396 0961
Fax (81) 6 6396 0962

Tokyo
Phone (81) 3 3376 9400
Fax (81) 3 3376 9587

Korea: Seoul
Phone (82) 2 3452 0400
Fax (82) 2 3452 0490

Singapore
Phone (65) 6442 4880
Fax (65) 6442 7811

Switzerland: Geneva
North Phone (41) 22 719 2228
South Phone (41) 22 719 2175
Fax (65) 6442 7811

U.K.: Abingdon
Phone (44) 1 235 536 973
Fax (44) 1 235 528 796

U.S.A.: Chestnut Ridge
Phone (1) 845 578 6020
Fax (1) 845 578 5985

Ordering Information

Telecom Adaptor Kit 100 ohm, 120 ohm, 75 ohm
Upgrade Existing Scope to Include Pulse Mask Test
Pulse Mask Test Software

Product Code

TF-ET
RK-ET-PMT
ET-PMT

LeCroy