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.

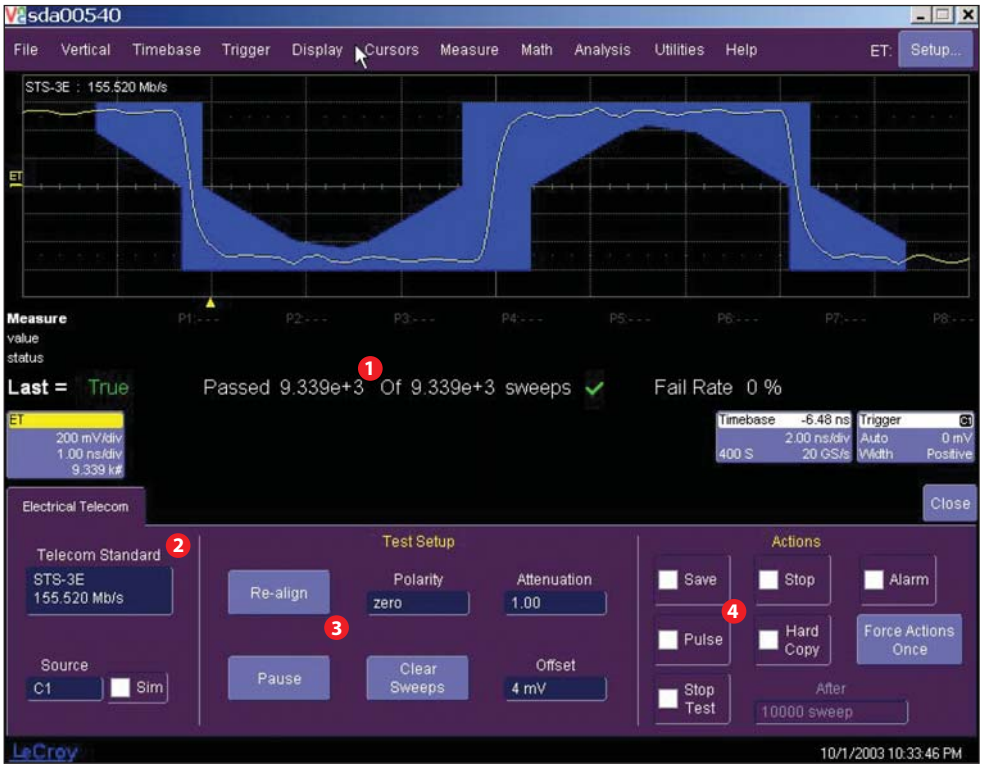
Unattended or long-term testing is supported through the use of automated actions on failure. These include storage of the failed waveform, outputting a pulse, printing a screen image, stopping the test, or generating an audible alarm. Any combination of these actions can be set to occur on a failure.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

Compatability: WaveMaster, WavePro 7k, WaveRunner

Ordering Information	Product Code
Telecom Adaptor Kit 100 ohm, 120 ohm, 75 ohm	TF-ET
Upgrade Existing Scope to Include Pulse Mask Test	RK-ET-PMT
Pulse Mask Test Software	ET-PMT

DS_ET-PMT
PDF 10/03

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