

EUT-LAB EUT Monitoring Lab Software

Product Overview

Versatility TDK RF Solutions EUT Monitoring Lab Software allows you to acquire data from an EUT via an oscilloscope, a receiver, a spectrum analyzer, a status monitor, or a dynamic signal analyzer. The software can determine the pass/fail status of the EUT by comparing the acquired data against user-defined pass/fail thresholds.

Performance TDK EUT Monitoring Lab software can acquire and display the following types of data:

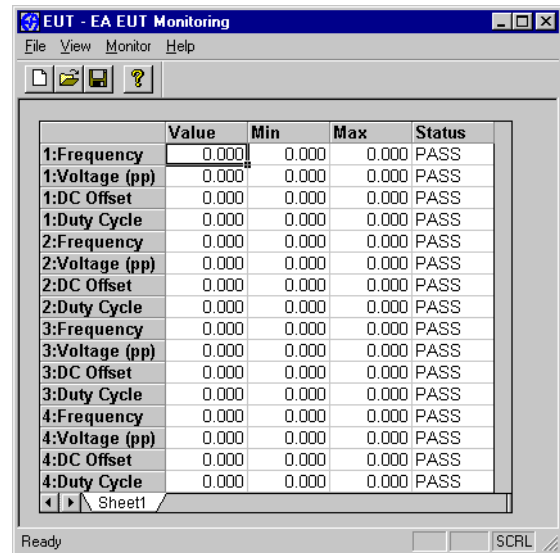
- Frequency
- Duty Cycle
- DC Offset
- Peak-to-Peak Voltage
- Analog Voltage
- Digital Signal

Each of these data values may be compared against thresholds. Whenever a measured value is outside the range of acceptable values, a failure is reported.

Portability Data acquired by the TDK EUT Monitoring Lab software can easily be transferred to other TDK RF Solutions software applications. This information can be displayed in data tables and graphs along with other test data, giving you access to all test data in one place. This makes it easy to see what the EUT data values were at each test frequency.

Minimum System Requirements

- Microsoft Windows 2000 or XP Pro
- 256 MB of RAM
- National Instruments GPIB interface card



| | Value | Min | Max | Status |
|----------------|-------|-------|-------|--------|
| 1:Frequency | 0.000 | 0.000 | 0.000 | PASS |
| 1:Voltage (pp) | 0.000 | 0.000 | 0.000 | PASS |
| 1:DC Offset | 0.000 | 0.000 | 0.000 | PASS |
| 1:Duty Cycle | 0.000 | 0.000 | 0.000 | PASS |
| 2:Frequency | 0.000 | 0.000 | 0.000 | PASS |
| 2:Voltage (pp) | 0.000 | 0.000 | 0.000 | PASS |
| 2:DC Offset | 0.000 | 0.000 | 0.000 | PASS |
| 2:Duty Cycle | 0.000 | 0.000 | 0.000 | PASS |
| 3:Frequency | 0.000 | 0.000 | 0.000 | PASS |
| 3:Voltage (pp) | 0.000 | 0.000 | 0.000 | PASS |
| 3:DC Offset | 0.000 | 0.000 | 0.000 | PASS |
| 3:Duty Cycle | 0.000 | 0.000 | 0.000 | PASS |
| 4:Frequency | 0.000 | 0.000 | 0.000 | PASS |
| 4:Voltage (pp) | 0.000 | 0.000 | 0.000 | PASS |
| 4:DC Offset | 0.000 | 0.000 | 0.000 | PASS |
| 4:Duty Cycle | 0.000 | 0.000 | 0.000 | PASS |

TDK RF Solutions EUT Monitoring Lab Software allows automated data acquisition from GPIB instruments to determine pass/fail status of equipment under test (EUT).

Features

- Output signals that can be synchronized with the dwell cycle
- Storage of commonly used instrument configurations
- User-definable data channel names
- Scale factors for transmission link attenuation compensation
- Minimum and maximum pass/fail thresholds

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Supported Device Types/Manufacturers

| | |
|---------------------------|--|
| Dynamic Signal Analyzers: | Hewlett-Packard, Agilent |
| Function Generators: | Hewlett-Packard, Agilent |
| Oscilloscopes: | Hewlett-Packard, Agilent, Tektronix |
| Receivers/EMI Analyzers: | Hewlett-Packard, Agilent, Rohde & Schwarz |
| Spectrum Analyzers: | Hewlett-Packard, Agilent, Rohde & Schwarz |
| Base Station Simulator: | Rohde & Schwarz, Hewlett-Packard, Wavetek, Racal |
| Status Monitors: | TDK RF Solutions |
| Video Controllers: | TDK RF Solutions |

Additional devices may be supported. Contact technical sales for more information.

Ordering Information

| | |
|---------------|------------------------------------|
| Product: | TDK EUT Monitoring Lab Software |
| Model Number: | EUT-LAB |

To place an order or to learn more about the TDK RF Solutions products that best meet your needs, contact your TDK sales representative:

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