

EMI-LAB Emissions Lab Software

Product Overview

Performance TDK RF Solutions' Emissions Lab software makes it simple to perform radiated and conducted emissions measurements in shielded rooms and at open area test sites (OATS). TDK Emissions Lab software performs preliminary scans, final measurements, and site attenuation sequences. Designed by experienced EMC engineers for testing to CISPR, VDE and FCC regulations, TDK Emissions Lab software is easy to use without sacrificing high-end performance.

Automated or Manual Control TDK Emissions Lab software enable you to create an uncomplicated system for others that practically runs itself, or you can interact with the test process every step of the way.

Applications

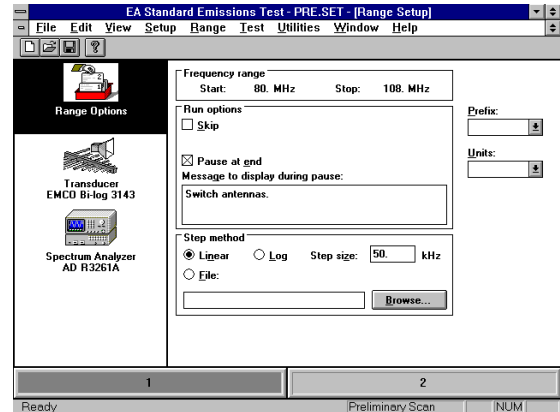
- For shielded room and OATS based systems
- Designed for testing to CISPR, VDE, and FCC regulations
- Meets specific requirements for military, telecommunications, and automotive testing

Features

- Controls test process via IEEE 488 bus
- Compatible with many popular test instruments

Minimum System Requirements

- Microsoft Windows NT or Windows 2000
- 64 MB of RAM
- 10 GB free space on hard drive
- GPIB interface card



TDK RF Solutions' Emissions Lab software features a powerful yet easy to use set of tools to perform emissions testing in shielded rooms and open area test sites.

Measurement Features

Three Test Sequences:

- **Preliminary Scan** Using peak detection, the software takes measurements of the complete frequency spectrum. A data reduction utility then creates a signal list.
- **Final Measurement** The software enables you to reduce the large data set acquired during the preliminary scan and then run this test sequence to perform measurements using the specified detectors at the frequencies in the reduced data set.
- **Site Attenuation** This test is useful for qualifying OATS and shielded enclosures for making emission measurements per ANSI specifications.

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Software Setup Features

Parameter Setup Options

- Add/remove list of available parameters
- Independent selection for each test sequence
- Frequency range selection for each test

Test Range Setup Features

- Range based system instrumentation setup
- Option to split frequency range into sub ranges
- Independent selection of test instruments for each range
- Add/delete hardware for required test range(s)
- Independent frequency stepping in each range
- Pause or skip option for any selected range
- User-defined message is displayed at the start of each range

Graph Features

- Option to display multiple graphs
- User-defined parameters for X & Y-axis
- Dual Y-axis display option
- Data display box for up to 16 data parameters
- Zoom, multiple zooms, nested zoom
- Add/delete color-coded data markers

Data Table Features

- User-selectable column width and data precision
- Add/delete column option
- Automatic data color coding
- Automatic data sorting
- "Find" option to locate data

Ordering Information

| | |
|---------------|----------------------------|
| Product: | TDK Emissions Lab Software |
| Model Number: | EMI-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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