

# RAD-LAB Radiated Immunity Lab Software

## Product Overview

**Performance** TDK RF Solutions' Radiated Immunity Lab software is designed to automate radiated immunity testing by controlling the signal source output levels and monitoring the power levels necessary to generate the required field levels over a set of frequencies. It supports Substitution, Closed Loop, and Theoretical testing methods.

**Ease of Use** TDK Radiated Immunity Lab software makes it simple to perform radiated immunity tests in an anechoic chamber. Designed by experienced EMC engineers, TDK Radiated Immunity Lab is easy to use without sacrificing performance.

**Flexibility** You can create an uncomplicated automated system for others that practically runs itself, or if you are a "hands-on" person, you can interact with the test process every step of the way.

## Applications

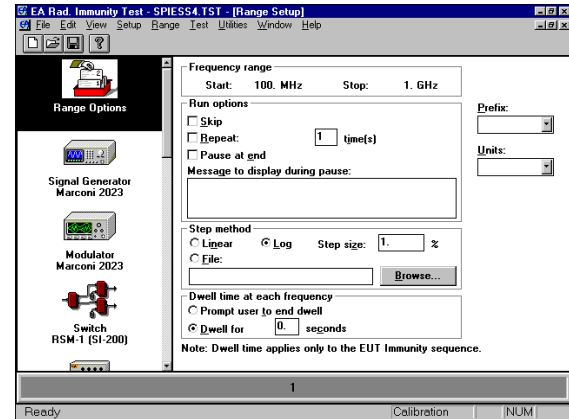
- Specifically designed to meet regulatory requirements for radiated immunity testing in automotive, military, commercial, and telecommunications applications

## Features

- Compatible with many popular test instruments
- Stores test data for future retrieval and analysis
- Controls test process via IEEE 488

## 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' Radiated Immunity Lab software features a powerful yet easy to use set of tools to simplify immunity testing in an anechoic chamber.**

## Measurement Features

### Test Sequences

- Calibration
- Calibration Verification
- Immunity Test

### Special Features

- Field uniformity
- Field step profile
- Interactive mode for failure analysis

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## Software Setup Features

### Parameter Setup Features

- Frequency range selection
- Data parameter selection for each test sequence

### Range Setup Features

- Frequency range selection
- Independent selection of test instruments for each range
- Linear, logarithmic, and file-based frequency stepping
- Manual or user-defined dwell time between step

### Leveling Setup Features

- Level to user-defined field strength levels
- Level to user-defined power output levels
- Set to user-defined signal generator drive levels

### Graph Features

- Ability to display multiple graphs
- Dual Y-axis display
- Data display box for up to 16 data parameters
- Zoom
- Color-coded data markers
- Linear or logarithmic axes
- Automatic scaling
- Data-tracking crosshair

### Data Table Features

- User-selectable numerical precision
- Drag-and-drop data columns
- Color-coded data markers
- Automatic data sorting

## Ordering Information

Product: TDK Radiated Immunity Lab Software

Model Number: RAD-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:**

### TDK Electronics Europe

TDK House, 5-7 Queensway  
Redhill, Surrey RH1 1YB  
United Kingdom  
Phone: +44-(0)1737-781372, Fax: +44-(0)1737-781360  
E-Mail: chambers@tdk.de  
World Wide Web: [www.tdk-components.de/chambers](http://www.tdk-components.de/chambers)

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