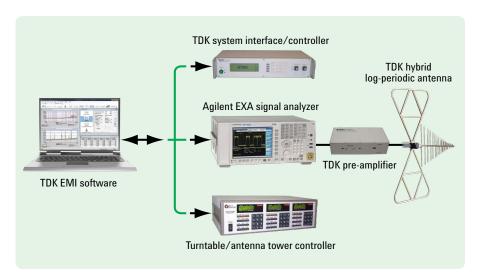


The optimum approach to ensuring your products meet EMC compliance standards



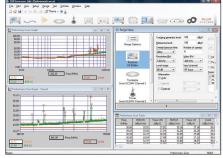
The benefits of electromagnetic compatibility (EMC) pre-compliance testing are well understood. By including EMC pre-compliance testing during the development process, the probability of successful completion of full EMC compliance testing without additional redesign is greatly improved. Adding a pre-compliance test system is the optimum approach to achieving EMC compliance for your products, allowing you to cost-effectively reduce your time-to-market.

An EMC pre-compliance testing system comprises a number of elements and

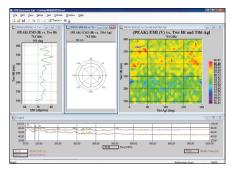
integrating all of these can be challenging. TDK RF Solutions has successfully addressed this challenge with the TDK-EMI-6000P and TDK-EMI-18000P systems. These systems provide fully integrated, turnkey solutions to execute pre-compliance testing up to 6 GHz and 18 GHz, respectively.

TDK RF Solutions builds upon the Agilent world-class X-series signal analyzer, the industry's fastest, economyclass analyzer, by integrating it with TDK RF Solutions' HLP series hybrid log-periodic antenna, pre-amplifiers, system interface, and Microsoft-

- EMC pre-compliance testing
- Optimum approach to achieving EMC compliance
- Reduce the time-to-market for your products
- Integrated, turnkey 6 GHz and 18 GHz systems
- Based on Agilent X-series signal analyzers
- Complete solution including installation and training



TDK RF Solutions EMI LAB



Contour plots for visual analysis



EMC Pre-compliance Testing

certified software. The system can also be configured to interface to turntable and mast controllers.

TDK RF Solutions bundles everything you need into one complete system. With TDK's pre-compliance systems you get everything you need for your EMC pre-compliance testing. The systems can be integrated into a rack

or designed to sit on a worktable and can be customized to include installation and training.

A TDK RF Solutions EMC precompliance testing system based on an Agilent X-series analyzer is the optimum approach to achieving EMC compliance for all your products.

To learn how this solution can address your specific needs please contact Agilent's solutions partner, TDK RF Solutions Inc. www.agilent.com/find/TDK Agilent Technologies Global Solutions Partner

Customized EMC Testing Solutions

The TDK-EMI-6000P and TDK-EMI-18000P are fully integrated, turnkey solutions that can be used to execute EMC pre-compliance testing up to 6 GHz or 18 GHz. For other EMC test requirements TDK can provide customized solutions that meet customers' specific needs.

TDK's EMC testing solutions are highly modular and can easily be reconfigured or upgraded. Systems can be configured to help you make EMC compliance measurements, higher frequency measurements, high power immunity tests, or to meet other commercial, automotive, military, or medical standards.

TDK RF Solutions is the world leader in providing complete, integrated EMC testing solutions with proven systems and services backed by technical expertise. Call TDK RF Solutions for more information about turnkey or customized EMC testing solutions that meet your exact needs.

Agilent Solutions Partner Program

Agilent and its Solutions Partners work together to help customers meet their unique challenges, in design, manufacturing, installation or support. To learn more about the program, our partners and solutions go to www.agilent.com/find/solutionspartner

TDK RF Solutions Inc. is a world leader in the design, development, and manufacture of technical solutions for the electromagnetic compatibility testing industry, including automated test systems, TDK anechoic chambers, software, antennas, and a wide range of test products. For more information visit www.tdkrfsolutions.com

For information on Agilent Technologies' products, applications and services, go to www.agilent.com

Product specifications and descriptions in this document subject to change without notice.

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System Components

Agilent Technologies

X-Series Signal Analyzers: CXA, EXA, MXA, PXA

TDK RF Solutions Inc.

EMI-3000P 3 GHz EMC Pre-compliance test system **EMI-18000P** 18 GHz EMC Pre-compliance test system

HLP-series hybrid antennas; TDK-EMI-LAB software; TDK preamplifiers; Installation and Training

