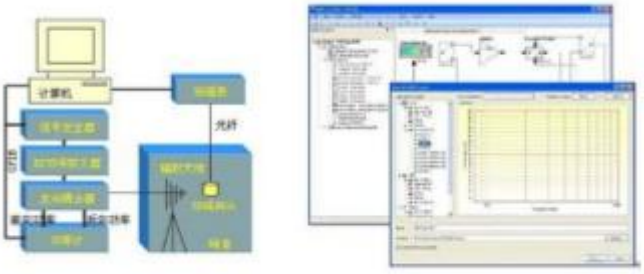
System Control Software for Testing Immunity of Radio Frequency Emission

Datasheet



Introduction

Ris-test software provides functions ranging from radiation immunity test control to customized generation of test reports. It has the functions of graphical test equipments configuration, automatic execution and inspection field uniformity, automatic/manual/semi-automatic execution of test, powerful test data management function, and professional test report generation function. Users can customize the test report.

The software can be used in relevant enterprises and professional testing laboratories. As a standalone operating program in Windows system, RIS-LAB software fully complies with IEC 61000-4-3, ISO 11452-2/3/5, GJB 151A/ 152a-rs103 and other standards, and can be used to perform calibration and testing according to the standards. In addition, the software provides flexible test parameter setting and a prediction function for immunity of equipment with a "threshold" mode. Ris-test software has a friendly and convenient user interface that helps users manage test projects, test equipment, testers and operation logs. Users can manage each data and graph etc generated during testing process through one test project. These real-time data and information can be easily accessed by users in a graphical way for evaluation and analysis. The system can prompts the testers to perform each measurement step by step, which greatly simplifying the test process.

Main Characteristics and Functions

√ Applicable to various radiation immunity test environment such as chamber, GTEM cell and strip line.
√ Import and export of calibration results, multiple test projects using one calibration result is allowed.
√ Fully comply with the test requirement of GJB 151A/152A RS103 and automotive electronic ISO 11452-2.
√ Fully comply with IEC 61000-4-3:2006 Edition 3
√ Customized test report can be generated with text or Microsoft Word format.
√ Support harmonic interruption level examine of test configuration.
√ Simple system transplantation function, convenient for users to replace the control compute
√ Uniform field consistency verification, and support small-sized uniform field.
√ Management of operating logo, system users and system devices
√ Verification of system configuration and connection
√ Customized test level, tolerance range and test frequency.
√ Humanized test project management
√ Testers can customize kinds of standards at will
√ Check the liner of power amplifier
√ Support the function of commissioning and configuration performed by engineer
√ Discovery and marking of sensitive point of the measured objects
√ Support multiple languages