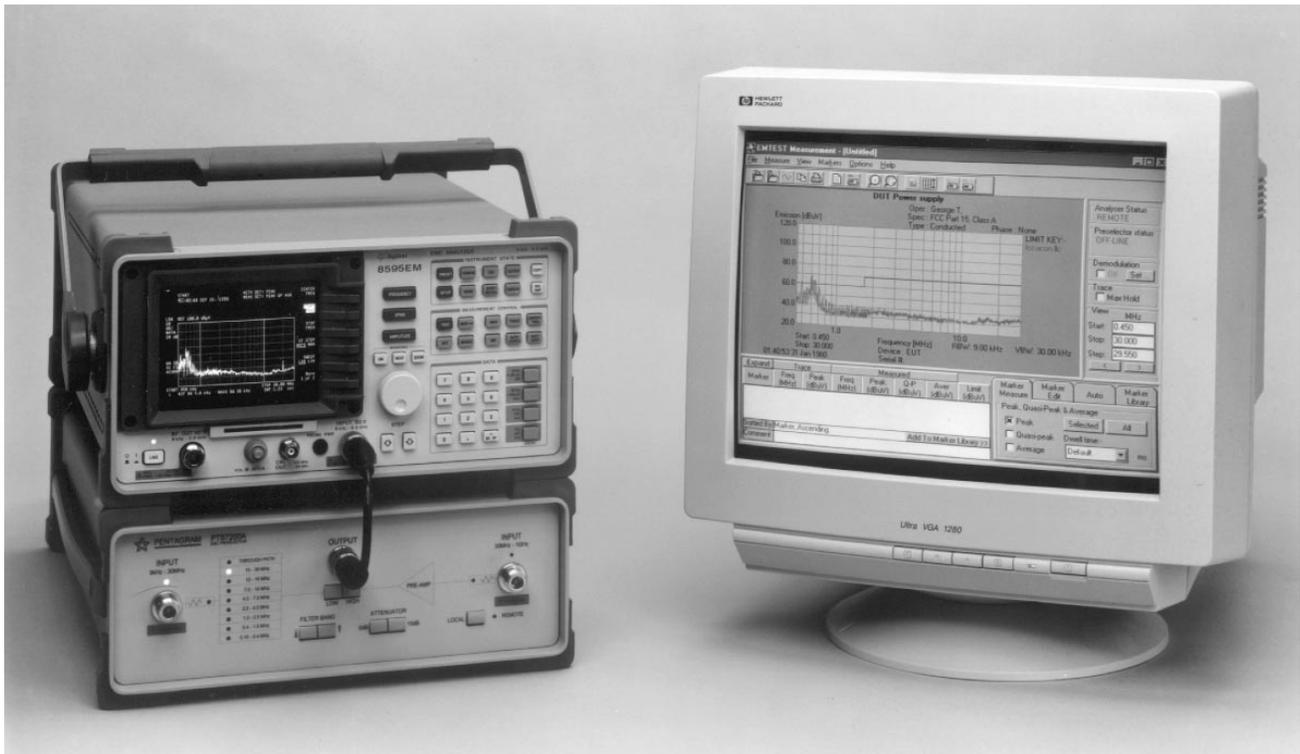


Agilent 11961A EMI Measurement Software

Windows Software for 8590 Series Spectrum Analyzers and 8540 Series Receivers

Product Note

EMI pre-compliance emissions measurement software



- Provides ease of use under Windows
- Increases test throughput
- Improves report generation



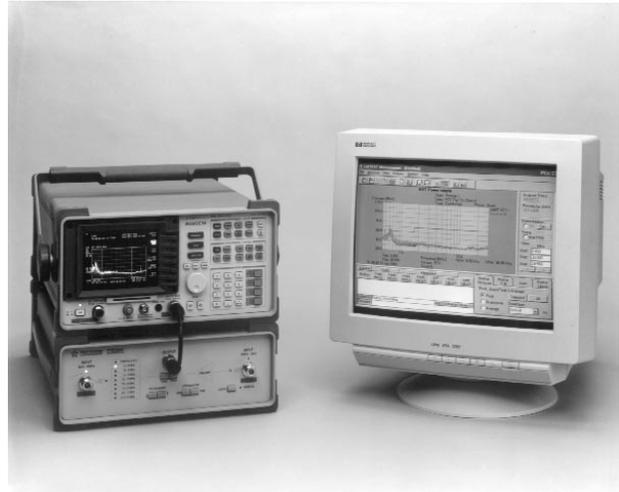
Agilent Technologies
Innovating the HP Way

Agilent Technologies 11961A EMI emissions test software

EMTEST is a Windows-based software package that has been developed to provide a user-friendly interface to the Agilent 8590 series of spectrum analyzers for EMI measurements. The Agilent 11961A allows the user to quickly configure an analyzer to perform EMC measurements and to generate reports.

Agilent 11961A EMI measurement software offers:

- Measurement of up to 8000 points
- Limit lines—standard and user generated
- Test equipment correction factors
- Peak, quasi-peak, and average measurements
- Compile, save, and print reports easily
- Signal marking with background suppression
- Trace data export facility
- Auto-marking of non-compliant data
- Up to 100 markers available
- Automatic control of the Agilent 11960A preselector



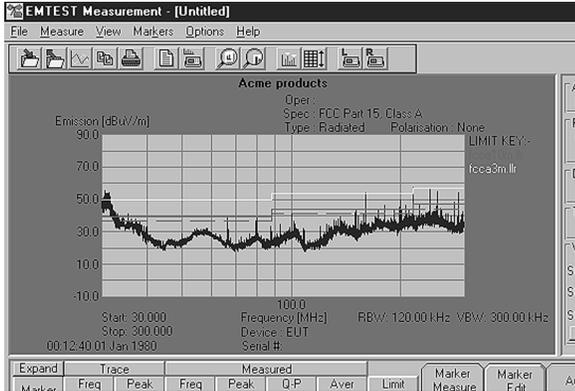


Figure 1
Measurement screen with the ability to overlay up to 3 previous measurements. Includes advanced marker editing and zoom features. Specification limit lines for standard tests are included.

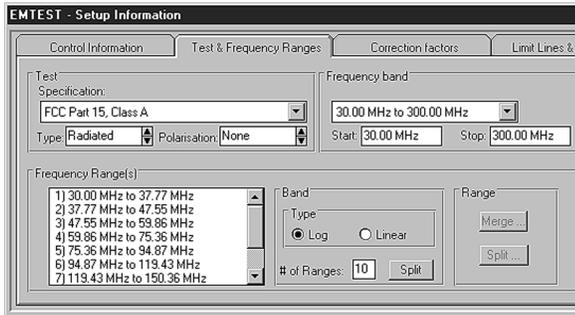


Figure 2
Setup window allows input of configuration data, frequency range, limit lines, and test equipment correction factors.

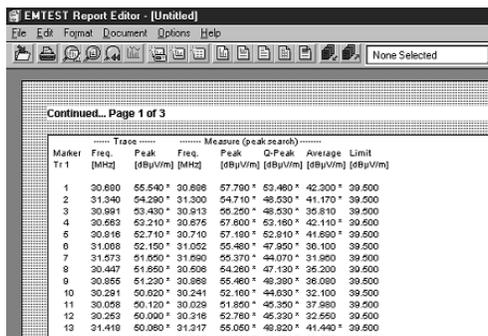


Figure 3
Compile standard reports showing measurement data, annotated data, limit lines, equipment list, etc. Additional markers can be added at the report stage to supplement measurement markers.

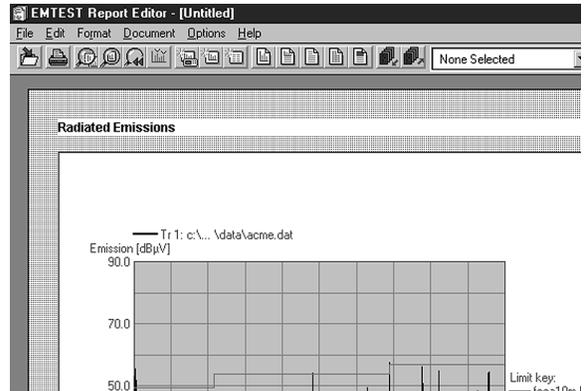


Figure 4

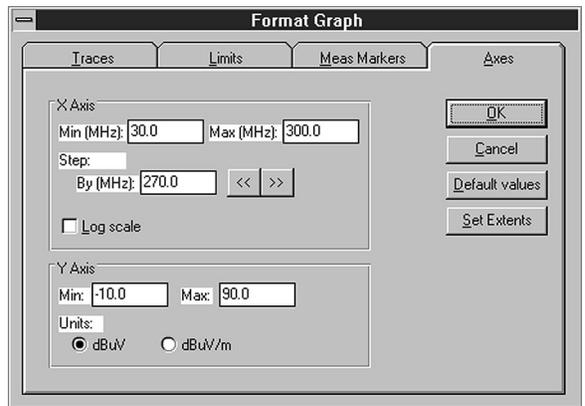


Figure 5

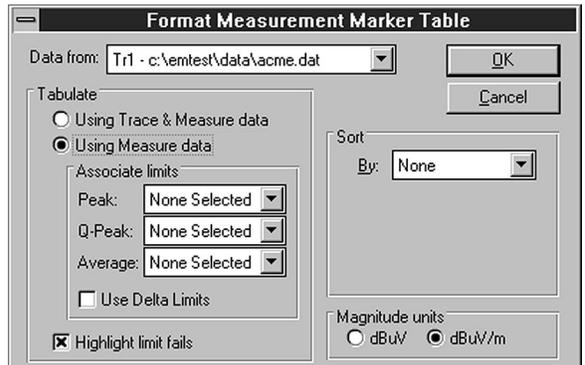


Figure 6

Powerful graph & data formatting tools enable the user to enhance data presentation. Traces from separate measurement runs can be overlaid and concatenated.

Minimum system requirements:

IBM PC or 100% compatible	486DX or better 4 MBytes RAM 5 MBytes free hard disk space VGA color monitor Mouse Windows 3.1 or Windows 95
GPIB interface card	82335B 82340, 82341 or National Instruments GPIB card using IEEE- 488.2 Windows driver.
Spectrum Analyzer	8590 series with GPIB interface and quasi- peak option or 8540 series EMI receivers
EMC preselector (optional)	11960A EMI preselector

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

"Our Promise" means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you use Agilent equipment, we can verify that it works properly, help with product operation, and provide basic measurement assistance for the use of specified capabilities, at no extra cost upon request. Many self-help tools are available.

Your Advantage

"Your Advantage" means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and on-site education and training, as well as design, system integration, project management, and other professional services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.

Get assistance with all your test and measurement needs at:
www.agilent.com/find/assist

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