GAUSS INSTRUMENTS@the IEEE EMC Exhibition 2011 in Long Beach, California (US). Visit us at booth #841 and check out our latest TDEMI Measurement System with its blazing speed in the frequency range 10 Hz to 26.5 GHz.

Ultra high-speed measurements according to commercial and military standards up to 26.5 GHz

The well established TDEMI product family has been extended by the TDEMI 26G up to 26.5 GHz. The newly released TDEMI 26G covers the frequency range 10 Hz - 26.5 GHz. The TDEMI 26G is the first instrument of the world boosting speed and accuracy into new dimensions regarding measurements according to commercial and military standards.

The unique combination of real-time analysis and full compliance allows to speed up scans by up to a factor of 4000. The weighted spectrogram mode allows to perform investigation and evaluation of non-stationary phenomena. The weighted spectrogram mode is the ideal choice for EMC debugging. In addition a classical single frequency mode is provided. The TDEMI 26G provides the CISPR bandwidths 200 Hz, 9 kHz, 120 kHz, 1 MHz as well as the bandwidths 10 Hz, 100 Hz, 1 kHz, 10 kHz, 100 kHz, 1 MHz for measurements according to military standards. The TDEMI 1G - 18G can be upgraded with the Option MIL/DO-UG to fulfill the requirements of MIL 461F and DO160. The measurement system TDEMI allows to perform economic measurements according to CISPR 16-1-1, MIL 461F and DO160.

The TDEMI product family consists of six instruments with various frequency ranges:

- TDEMI 30M (9 kHz - 30 MHz)
- TDEMI 1G (9 kHz - 1 GHz), with Option MIL/DO-UG (10 Hz - 1 GHz)
- TDEMI 3G (9 kHz - 3 GHz), with Option MIL/DO-UG (10 Hz - 3 GHz)
- TDEMI 6G (9 kHz - 6 GHz), with Option MIL/DO-UG (10 Hz - 6 GHz)
- TDEMI 18G (9 kHz - 18 GHz), with Option MIL/DO-UG (10 Hz -18 GHz)
- TDEMI 26G (10 Hz - 26.5 GHz)

Visit us at booth #841 to have a look at the unique technology and blazing speed of the TDEMI 26G.

Have a preview on novel research topics as well as a presentation of the technology of a system up to 26 GHz during the symposium conference session WED-PM-1 on Wednesday 17th of August.

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