

New ICNIRP standard field measuring devices

ICNIRP 2010 replaces ICNIRP 1998 in the low frequency range

Pfullingen, March 21, 2012 – Narda Safety Test Solutions now offers low-frequency electromagnetic field measuring devices with evaluation conforming to ICNIRP 2010. PC software is available free of charge for the Electric and Magnetic Field Analyzer EFA-300, which enables uploading of the new limit values to the instrument. A separate “ICNIRP 2010” version of the Exposure Level Tester ELT-400 is available. All previous and existing probes can also be used with the new instrument.

Background: In 1998, the International Commission on Non-Ionizing Radiation Protection (ICNIRP) published its “Guidelines for Limiting Exposure to Time-Varying Electric, Magnetic and Electromagnetic Fields (up to 300 GHz)”. The limit values in these guidelines were mandatory for more than a decade. However, recent findings have necessitated a revision of the limit values in the low frequency range. These have been taken into account in the ICNIRP “Guidelines for Limiting Exposure to Time-Varying Electric and Magnetic Fields (1 Hz – 100 kHz)”, published in 2010. The new limit values applying to the workplace (occupational) as well as to the general public allow considerably higher magnetic field strengths in some low frequency ranges. In contrast, the limit values for electric field strength have been tightened up to some extent.

Although the new limit values are only slowly being incorporated into national regulations, measuring equipment from Narda now includes evaluation according to the new standard. Clients wishing to invest right now in test equipment can therefore be already prepared for exposure measurements complying with future standards.

This text along with a press photo is also available from www.narda-sts.de > Literature > Press Reports

Narda is a leading supplier of measuring equipment in the RF safety, EMC and RF testing sectors. The RF safety product spectrum includes wideband and frequency-selective measuring devices, and monitors for wide area coverage or which can be worn on the body for personal safety. Under the PMM brand, Narda offers instruments for determining the electromagnetic compatibility (EMC) of devices. The RF testing sector covers analyzers and instruments for measuring and identifying radio sources. The range of services includes servicing, calibration, and training programs. The company operates a management system complying with ISO 9001/2008 and ISO/IEC 17025.

Narda has development and production facilities at three locations: Hauppauge, Long Island / USA, Pfullingen / Germany and Cisano / Italy and has its own representative in Beijing / China. A worldwide network of representatives guarantees closeness to customers.

Narda is part of **L-3 Communications**, New York.

For more information, contact:

**Public Relations Partners
Gesellschaft für Kommunikation mbH**

Kristen Prochnow
Postfach 1310
D-61468 Kronberg bei Frankfurt
Tel.: +49 - (0) 6173/9267-32
Fax: +49 - (0) 6173/9267-67
e-mail: prochnow@prpkronberg.com
<http://www.prpkronberg.com>

Narda Safety Test Solutions GmbH

Sandwiesenstr. 7
D-72793 Pfullingen
Tel.: +49 - (0) 7121/97 32 - 0
Fax :+49 - (0) 7121/97 32 - 790
e-mail: support@narda-sts.de
<http://www.narda-sts.de>

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