

New FFT analyzer for low frequency electromagnetic fields

**EHP-50F from Narda Safety Test Solutions
meets the requirements of the European EMF Directive**

Pfullingen, June 1, 2015 – Narda Safety Test Solutions has launched a new FFT analyzer for low frequency electromagnetic fields. This device, called EHP-50F, measures and analyzes electric and magnetic field strengths in the frequency range 1 Hz to 400 kHz and evaluates the results in accordance with current human safety standards.

The EHP-50F from Narda Safety Test Solutions is a new FFT analyzer for assessing low frequency electric and magnetic fields considering aspects of human safety. It covers the entire range from 1 Hz to 400 kHz that is relevant for sensory effects. It evaluates complex signal shapes in the time domain using the weighted peak method, which is specified in the latest standards such as the EMF Directive 2013/35/EU. The device provides automatic frequency evaluations complying with 2013/35/EU for all the specified action levels as well as with ICNIRP 2010 and ICNIRP 1998 (General Public and Occupational).

The EHP-50F uses built-in three-axis probes to detect electric and magnetic fields isotropically (non-directionally). It is battery operated, making it suitable for stand alone operation for up to 24 hours with internal data. It can be connected to the Narda NBM-550 HF measuring set, which acts as a control and display unit, by an optical cable, which does not affect the field being measured. This can also be used for connection to a PC for further evaluation and documentation of the measurement results. The PC software is included in the package.

EHP-50F is available as of now.

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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.

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