Press release

For immediate publication

The new IDA-3106 with SmartDF: Localize interference and impairment sources faster and more reliably

Pfullingen, September 5, 2011 – Detect, analyze and localize interference and signals: The "Interference and Direction Analyzer" (IDA) from Narda Test Solutions solves these tasks in an outdoor-capable device that is also comfortably light in weight at under 3 kg. The new powerful functions and precision directional antennas make direction finding (DF) with the IDA-3106 with SmartDF much faster and more convenient.

Locating interference caused by you or others and identifying potential hazards: Narda Test Solutions combines these applications from the fields of communications and safety in the new "Interference and Direction Analyzer" IDA-3106. IDA can establish the direction of the source independently and display the relative bearing in a polar diagram on the basis of a horizontal scan. The IDA calculates the position of the interference source from several bearing results automatically and displays it. Convenient and practical: Freely available electronic maps can be recorded optionally so that the source can be precisely pinpointed on a street plan, just like a navigation system. Determination of the position of an interference source is based on a GPS receiver in the measuring instrument and the electronic compass in the antenna handle for determining the direction, elevation, and polarization. Extremely light antennas, which can be inserted vertically or horizontally in the ergonomically formed handgrip, are available for different frequency ranges.

As well as these intelligent direction-finding functions (SmartDF), the technical properties of the IDA-3106 are also convincing. An overview of the spectral distribution can be obtained in next to no time at a scan speed of 12 GHz/s. The optional Scope function allows the analysis of even pulsed signals, even the shortest duration signal being detected. It is also possible to monitor individual carrier signals for an entire day. Real-time data can be recorded to assess the signal quality and bit error rate, for example, and uploaded to a PC for further analysis.

The IDA-3106 is ideal for field applications, thanks to the casing designed for outdoor used, its light weight of under three kilos, hot

battery swap without interrupting the measurement, and the user interface that can even be operated comfortably when wearing gloves.

This text along with a press photo is also available from:
www.narda-ida.com > Press

Visit Narda at the IBC 2011 Amsterdam: Booth no. 5B08

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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