

## **Frequency selective Area Monitor conforming to ITU-T K.83**

**New measuring station from Narda Safety Test Solutions  
monitors electromagnetic fields in  
freely definable frequency bands**

**Pfullingen, March 9, 2016 – Narda Safety Test Solutions has a new selective Area Monitor on the market: AMS-8061. This autonomous measuring station monitors electromagnetic fields from 100 kHz to 6 GHz in up to 20 freely definable frequency bands. This allows the field exposure levels due to e.g. GSM, UMTS, and LTE as well as DAB and DVB-T to be recorded separately. The measurement conforms to ITU-T Recommendation K.83 “Monitoring of electromagnetic field levels”.**

The new type AMS-8061 Area Monitor operates independently. Its solar cells and rechargeable batteries enable uninterrupted measurements over a practically unlimited period. The device stores the results internally, for example every six minutes over a period of 30 days. The results can be read out locally via Ethernet, USB or RS 232, or transferred to SD card and taken away, or accessed remotely over a cell phone link. The monitor also includes its current position in GPS coordinates with the measurement data, simplifying mobile operations. The device automatically sends an SMS if a limit value is exceeded or if there is a fault.

The built-in antennas of the Area Monitor capture frequencies in the range 100 kHz to 6 GHz. A spectrum analyzer selects the individual frequency components and collates them into freely definable frequency bands. In this way, the device provides selective measurement procedures that comply with ITU-T K.83 Chapter 7. The device can be integrated into web-based applications. PC software simplifies evaluation and documentation.

The Area Monitor AMS-8061 has a robust, weatherproof casing, making it suitable for both indoor and outdoor use.

This text and a press image can be found at  
[www.narda-sts.com](http://www.narda-sts.com) > Company > Press

**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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