

Portable EMC Measurement Device «EM1506P»



Overview

The «EM1506P» is a new generation of EMC Measurement Device, EMC Test Device and Ultra-wideband Spectrum Analyzer combined in a single, portable package, which has benchtop instrument performance. It is equipped with the best-in-class VSA, which has extremely low noise, extra high bandwidth, and super wide frequency range.

Using EM1506P engineers can explore extra low EMC signals such as described in TEMPEST, MIL-STD 461 and other standards.

Using a predefined test pattern, engineers can turn EMC measurement device into EMC test device with simpler interface.

The EM1506P is designed to meet the requirements and specifications of the upcoming military standard MIL-STD 461G.

EM1506P is a portable, best-in-class measurement device, which can be turned into an ultra-wideband spectrum analyzer in a single click.

Features

- Portable
- EMC measurement device
- EMC test device
- Extra wide BW spectrum analyzer
- User friendly interface

Specifications

- Frequency range: from 20Hz up to 26.5GHz
- Instant bandwidth: up to 765MHz
- Average noise floor at 1GHz: -166dBm/Hz
- Phase noise at 10kHz offset (800MHz center frequency): -129dBc/Hz

Hardware and software

- NI PXI Platform
- NI High-Performance VSA
- NI PMA-1115 Portable Touchscreen Monitor and Keyboard Accessory