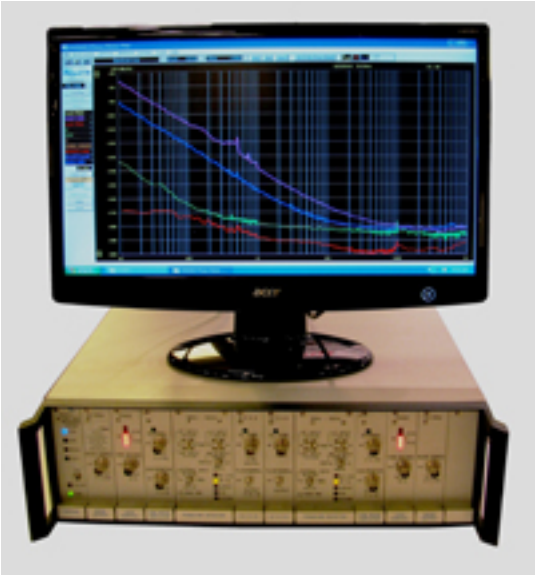
Noise XT Offers Free Software Upgrade for Phase Noise Products at European Microwave Conference



Noise XT will be exhibiting at the European Microwave Conference as part of European Microwave Week at CNIT in Paris. The Dual Channel Phase Noise Test System (DCNTS) will be featured, the ultimate phase noise tester with the world's lowest noise floor.

Noise XT will be offering a free software upgrade for customers for PN9000, PN9500, and DCNTS systems. The software, valued at $3,000 offers the latest features and product improvements for all Noise XT products built since 1993.

Noise XT products are used throughout the world for high-performance phase noise and jitter-sensitive applications such as ultra-low noise crystal, surface acoustic wave (SAW), and optical-electrical-optical (OEO) microwave oscillators; RF and microwave amplifiers; pulsed microwave for radar; continuous wave RF; and other demanding noise applications.

The DCNTS is a two-channel phase and amplitude noise analyzer designed with a dual demodulator architecture that allows the test system to use cross-correlation to cancel its internal noise. The resulting tests are similar to comparing the output of two separate systems, while displaying only the similarities and rejecting the differences. The residual noise measurement front-end includes all the necessary hardware to automatically measure noise on 2-port devices, either in RF or microwave frequencies. Pulse compatible, the DCNTS is ideal for the most demanding aerospace and defense applications.

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