

Noise Figure Measurements up to 50 GHz with PNA-X

Agilent's PNA-X Series of microwave network analyzers now offer high-accuracy, source-corrected noise-figure measurements of frequency converters and mixers, as well as amplifiers. For measurements up to 26.5 GHz, an internal low-noise receiver is available that eliminates the need for an external preamplifier, making set up and calibration as easy as that required for measuring S-parameters. A new option is also available for measuring noise-figure using the network analyzer's S-parameter receivers, extending source-corrected measurement capability to 50 GHz.

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<http://www.wirelessdesignmag.com/news/2010/05/noise-figure-measurements-50-ghz-pna-x>