

# Spectrum Analyzer and Phase Noise Tester



Rohde & Schwarz has introduced the R&S FSUP, an instrument designed for measuring phase noise and characterizing RF signal sources. The instrument combines a spectrum analyzer and phase noise tester covering 8, 26.5 or 50 GHz. When measuring phase noise, the instrument compares the signal from the device under test with a reference signal source, using its internal reference or an external reference. The optimum settings for the measurement can be selected automatically by the instrument. Together with other measurement parameters such as bandwidth, filter type and number of averages, the offset frequency range is also easy to configure. The instrument can also precisely analyze the behavior of signal sources in the time domain.

Rohde & Schwarz

**Source URL (retrieved on 01/31/2015 - 1:55pm):**

<http://www.wirelessdesignmag.com/product-releases/2006/08/spectrum-analyzer-and-phase-noise-tester>