

# Abstracts

## An automatic harmonic selection scheme for measurements and calibration with the nonlinear vectorial network analyser

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*W. Van Moer, Y. Rolain and J. Schoukens. "An automatic harmonic selection scheme for measurements and calibration with the nonlinear vectorial network analyser." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1855-1858.*

This paper presents a method to automatically select the significant harmonics in spectra measured with the nonlinear vectorial network analyser. This stochastic selection criterion is based on the  $t^{sup 2}$ -distribution. The method allows one to save and calibrate all and only significant spectral components, without the need for wild guessing the number of significant harmonics in the measured data.

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