

Abstracts

Calibrated linear and nonlinear pulsed RF measurements on an amplifier

P. Vael, Y. Rolain, C. Gaquiere and H. Gerard. "Calibrated linear and nonlinear pulsed RF measurements on an amplifier." 2001 MTT-S International Microwave Symposium Digest 01.3 (2001 Vol. III [MWSYM]): 2187-2190 vol.3.

The calibration of a nonlinear vectorial microwave network analyzer (NVNA) used for continuous wave measurements (moderate number of frequency components) is extended for pulsed RF measurements (very large number of frequency components). The new calibration is based on the combination of the regular RF calibration with a separate IF calibration. Experimental results in pulsed regime are compared with results from a pulsed RF vectorial network analyzer (VNA).

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