

Abstracts

A novel set-up for co-channel distortion ratio evaluation

J.C. Pedro and N.B. Carvalho. "A novel set-up for co-channel distortion ratio evaluation." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1851-1854.

This paper validates the idea that no matter the notch width, a conventional NPR test produces optimistic in-band distortion measurements, when compared with a hypothetical continuous spectrum excitation test. It also proposes a setup able to perform these corrected measurements, which became the unique way of co-channel distortion evaluation of systems with memory or driven into saturation.

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