

Abstracts

Reducing the Effects of Random Errors in Six-Port Network Analysers

A.S. Wright, A.J. Wilkinson and S.K. Judah. "Reducing the Effects of Random Errors in Six-Port Network Analysers." 1990 MTT-S International Microwave Symposium Digest 90.3 (1990 Vol. III [MWSYM]): 1041-1044.

The performance of a Six-Port network analyser is degraded by the presence of noise and random error mechanisms. Experimental results demonstrate that the effects of random errors may be significantly reduced (10x) by employing a non-linear Kalman filter.

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