

Abstracts

An Approach to Optimal Mixer Design at Millimeter and Submillimeter Wavelengths

D.N. Held. "An Approach to Optimal Mixer Design at Millimeter and Submillimeter Wavelengths." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 25-27.

The mixer performance analysis procedures reported by the author in (1,2) have been incorporated into an optimal synthesis technique. The technique has been experimentally verified at 115 GHz and should produce good results at frequencies in excess of 300 GHz.

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