

Abstracts

An 8mm FM and AM Noise Measuring Equipment

D. Minren and X. Dezhong. "An 8mm FM and AM Noise Measuring Equipment." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1179-1181.

A FM/AM noise measurement equipment, in which a resonator cavity has been used as a discriminator to measure the FM/AM noise of a single oscillator, has been introduced in this paper, the threshold for FM noise measurement is -120dBc/Hz ($f=50\text{kHz}$) and for AM noise measurement is -158dBc/Hz ($f=50\text{kHz}$).

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