

Abstracts

Fine Grain Spectrum Analysis of Pulsed Microwave Amplifiers (1962 [MWSYM])

R.F. Koontz. "Fine Grain Spectrum Analysis of Pulsed Microwave Amplifiers (1962 [MWSYM])." 1962 PGMTT National Symposium Program and Digest 62.1 (1962 [MWSYM]): 78-84.

In the design, construction, and evaluation of high power microwave amplifiers and their associated transmitter systems, a high degree of emphasis is currently being placed on the development of microwave amplifier systems which can amplify complex microwave pulse spectra without introducing noise or spurious modulation into the spectrum. In the usual microwave pulse spectrum, the energy as a function of frequency takes the familiar $\text{Sin } x/x$ distribution as shown in Figure 1.

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