

Abstracts

High-Power Filters for the Suppression of Spurious Frequencies

L. Young, B.M. Schiffman, E.G. Cristal and O. Allen. "High-Power Filters for the Suppression of Spurious Frequencies." 1964 PTGMTT International Symposium Program and Digest 64.1 (1964 [MWSYM]): 122-126.

The rapidly increasing number of high-power transmitters are creating a serious problem in radio frequency interference. A large part of this problem is the emission of harmonic and other spurious frequencies, which can be eliminated without affecting the signal bandwidth of the transmitter. Various types of filter have been investigated both analytically and experimentally; this paper will review some of this work. The intention is to compare different situations and different filters, rather than to treat any one filter in detail.

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