

Abstracts

A Broad-Band Frequency Translator with 30-dB Suppression of Spurious Sidebands (Correspondence)

C.H. Grauling, Jr. and B.D. Geller. "A Broad-Band Frequency Translator with 30-dB Suppression of Spurious Sidebands (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.9 (Sep. 1970 [T-MTT]): 651-652.

The theory and design of a broad-band microwave frequency translator using diode-switched coupled-line phase shifters is discussed. Results indicate spurious sideband suppression greater than 30 dB out to the 30th harmonic of the translation frequency.

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