

Abstracts

A Multiplier-Frequency Shifter Suited to Beat Frequency Generators in Microwave Repeaters (Correspondence)

G. Luzzatto. "A Multiplier-Frequency Shifter Suited to Beat Frequency Generators in Microwave Repeaters (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.3 (May 1965 [T-MTT]): 388-388.

In microwave repeaters, as is well known, a single power source is used for heterodyning the coming signal down to the IF and again up to the transmission frequency, the block diagram being that of Fig. 1. The power source has the correct frequency for the transmitter mixer, and the receiver local oscillator frequency is obtained by its mixing with that of another "frequency difference" crystal controlled oscillator.

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