

Abstracts

YIG Tuned and Varactor Tuned L-Band Transistor Oscillator

K. Hunton. "YIG Tuned and Varactor Tuned L-Band Transistor Oscillator." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 161-164.

Voltage tunable oscillators covering the full octave range 1 to 2 GHz have been constructed using either a YIG resonator or a varactor diode as the variable element. It is the purpose of this paper to present a guide to the design of these oscillators and to compare their performance and their limitations.

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