

Abstracts

Dielectric Resonator Oscillators at 4, 6, and 11 GHz

K.R. Varian. "Dielectric Resonator Oscillators at 4, 6, and 11 GHz." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 87-90.

The microwave circuit used in this paper permits the use of the same power transistor at 4, 6, and 11 GHz. The phase noise of these units at 10 kHz from the carrier in a 1-Hz bandwidth is -116 dBc/Hz at 4 GHz, -113 dBc/Hz at 6 GHz, and -100 dBc/Hz at 11 GHz.

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