

Abstracts

A Submillimeter Wave Quasi-Optical Frequency Doubler

M.A. Frerking, H.M. Pickett and J. Farhoomand. "A Submillimeter Wave Quasi-Optical Frequency Doubler." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 108-109.

A 600 GHz source has been developed as the local oscillator for a submillimeter heterodyne radiometer. A quasi-optical Fabry-Perot interferometer is used to diplex the input and output frequencies while waveguide is used for the diode circuit.

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