

Abstracts

Development of a 183 GHz Subharmonic Mixer

R.E. Forsythe, V.T. Brady and G.T. Wrixon. "Development of a 183 GHz Subharmonic Mixer." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 20-21.

Experimental results are presented for a 183.3 GHz subharmonic mixer operating in a broad IF (0.75 GHz-10.0 GHz) radiometer system. The results are compared to a low frequency (6.8 GHz) mixer model. Results from a similarly designed fourth harmonic low frequency model are also presented.

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