

Abstracts

An Efficient Microstrip Upconverter for K/sub a/-Band

P.S. Henry. "An Efficient Microstrip Upconverter for K/sub a/-Band." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 137-139.

A hybrid integrated upconverter from 1.8 GHz to 30 GHz is described. The converter, consisting of a microstrip circuit on a quartz substrate and a high-cutoff varactor diode, delivers 50 mW output with 6 dB conversion loss.

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