

Abstracts

Active Phase Shifters for the Millimeter and Microwave Bands

L.D. Cohen. "Active Phase Shifters for the Millimeter and Microwave Bands." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 397-399.

Frequency agile, varactor controlled, Gunn active phase shifters for the microwave and millimeter wave bands are described. Demonstrated performance includes up to 160 degrees of continuous, electronically controlled active phase shifting at 47 GHz with 160 mw output and up to 320 degrees of phase shift at 94 GHz with 40 mw output.

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