

Abstracts

A Laser-Diode-Based Photoconductive Harmonic Mixer for Microwave Waveform and Spectrum Measurements

H.-H. Wu, C.-S. Chang and C.-L. Pan. "A Laser-Diode-Based Photoconductive Harmonic Mixer for Microwave Waveform and Spectrum Measurements." 1992 Microwave and Guided Wave Letters 2.7 (Jul. 1992 [MGWL]): 273-275.

A laser-diode-based photoconductive harmonic mixer has been used to obtain low-frequency replicas of an optoelectronically phase-locked 12.01-GHz microwave signal as well as the waveform and spectrum of picosecond electrical pulses generated by a step recovery diode.

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