Abstracts

A novel 3.5-GHz microwave counter using an opto-electronic harmonic heterodyne technique

C.S. Chang and H.F. Chiu. "A novel 3.5-GHz microwave counter using an opto-electronic harmonic heterodyne technique." 1997 Transactions on Microwave Theory and Techniques 45.7 (Jul. 1997 [T-MTT]): 1014-1017.

A novel 3.5-GHz microwave counter using an optoelectronic harmonic heterodyne technique has been demonstrated. The system's performance has been discussed and evaluated, and is viewed as good, in comparison with today's microwave-counting systems. It is believed that this novel device has potential for measuring signals above 100 GHz.

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