

Abstracts

A New Type of Active Antenna for Coupled Gunn Oscillator Driven Spatial Power Combining Arrays

Z. Ding, L. Fan and K. Chang. "A New Type of Active Antenna for Coupled Gunn Oscillator Driven Spatial Power Combining Arrays." 1995 Microwave and Guided Wave Letters 5.8 (Aug. 1995 [MGWL]): 264-266.

A new type of active antenna appropriate for coupled Gunn oscillator driven spatial power combining arrays was developed. The active antenna uses a ring stabilized oscillator coupled to a slot antenna. The circuit should be useful in communications, radar, and sensor systems.

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