

Abstracts

A MIC Phased Locked Loop Avalanche Oscillator in X Band (Abstract)

J.A. Salmon. "A MIC Phased Locked Loop Avalanche Oscillator in X Band (Abstract)." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 308-308.

This paper describes the design and performances of a MIC Phase Locked Loop X band Avalanche Oscillator. The Output power (500 mW/CW) the input reference level (1 mW) the locking time (80 nanoseconds) and the simplicity of digital phase control makes it very attractive as a primary element of an active phased array.

 [Return to main document.](#)

Click on title for a complete paper.