

# Abstracts

## A Low Noise Frequency Agile X-Band Source

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*Z. Galani, M. Bianchini and R. DiBiase. "A Low Noise Frequency Agile X-Band Source." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 233-235.*

A low noise frequency agile X-band source designed for a missile seeker Master Oscillator is presented. The source consists of a push-push X-band VCO phase-locked to a single crystal oscillator using a sampling phase detector. The performance of the source is presented under static conditions and the severe missile vibration environment.

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