

Abstracts

A Superconducting Single Film Device Oscillator Made of High Tc and Low Tc Materials

J.S. Martens, J.B. Beyer, J.E. Nordman, G.K.G. Hohenwarter and D.S. Ginley. "A Superconducting Single Film Device Oscillator Made of High Tc and Low Tc Materials." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 443-446.

We have constructed a superconducting oscillator made with single film devices. Circuits made of the high T_{sub} c/ superconductor TiCaBaCuO as well as those made with the low T_{sub} c/ material Nb oscillated in the range 700 MHz to 3.3 GHz.

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