

Abstracts

A Superconducting Single Film Device Oscillator Made of High T_c and Low T_c 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 T_c and Low T_c 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_c superconductor TlCaBaCuO as well as those made with the low T_c material Nb oscillated in the range 700 MHz to 3.3 GHz.

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