

Abstracts

A satellite repeater comprising superconducting filters

T. Kasser, M. Klauda, C. Neumann, E. Guha, S. Kolesov, A. Baumfalk and H. Chaloupka. "A satellite repeater comprising superconducting filters." 1998 MTT-S International Microwave Symposium Digest 98.1 (1998 Vol. 1 [MWSYM]): 375-378.

This paper deals with the development of a satellite repeater comprising superconducting filters. We show measurements of single devices such as narrow-band filters and we also deal with the topics of cryopackaging and cooling. We argue that the implementation of superconducting devices is advantageous.

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