

# Abstracts

## K-Band Cryogenically Cooled Wide-Band Nondegenerate Parametric Amplifier (Correspondence)

*S. Takahashi, M. Nojima, T. Fukuda and A. Yamada. "K-Band Cryogenically Cooled Wide-Band Nondegenerate Parametric Amplifier (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.12 (Dec. 1970 [T-MTT] (1970 Symposium Issue)): 1176-1178.*

The design and performance of a K-band cryogenically cooled wideband (600-MHz) low-noise (110°K) parametric amplifier for use in millimeter-wavelength satellite-communication earthterminal installations is described.

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