

Abstracts

A Liquid Helium Cooled 4-GHz Broad-Band Parametric Amplifier (Correspondence)

J.G. Josenhans. "A Liquid Helium Cooled 4-GHz Broad-Band Parametric Amplifier (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 16.9 (Sep. 1968 [T-MTT] (Special Issue on Noise)): 791-793.

This correspondence describes an experimented 4-GHz broad-band low-noise parametric amplifier (PA) that was operated at an ambient temperature of 4.2°K. The amplifier's noise performance is explained in order to predict what might be expected in the future.

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