

Abstracts

An X-Band Parametric Amplifier with Closed-Cycle Cooling (Jan. 1965 [T-MTT])

C.T. Rucker, W. Morrow and E.S. Grimes, Jr.. "An X-Band Parametric Amplifier with Closed-Cycle Cooling (Jan. 1965 [T-MTT])." 1965 Transactions on Microwave Theory and Techniques 13.1 (Jan. 1965 [T-MTT]): 123-124.

The objective in this work has been to utilize proved parametric amplifier techniques along with a relatively low cost reciprocating cryogenic cooler to achieve very low-noise parametric amplification in the X-band frequency region.

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