

Abstracts

Application of Millimeter Wave Receivers to Astronomy (Abstract)

T.G. Phillips and K.B. Jefferts. "Application of Millimeter Wave Receivers to Astronomy (Abstract)." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 116-116.

Millimeter wave receivers are discussed from the point of view of applications of line astronomy. A heterodyne bolometer system is described which has a noise temperature of 300°K at 230 GHz. It is expected that these receivers will extend the range of radio line astronomy to about 500 GHz.

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