

Abstracts

An S-Band Radiometer Design with High Absolute Precision (Comments)

N.J. Keen. "An S-Band Radiometer Design with High Absolute Precision (Comments)." 1975 Transactions on Microwave Theory and Techniques 23.5 (May 1975 [T-MTT]): 456-457.

In the above paper, a highly stable noise-balancing radiometer at 2.7 GHz for satellite applications, with a claimed absolute measurement precision of 0.1 K, is reported. The purpose of this letter is to indicate a source of calibration error which can be seriously underestimated.

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