

# Abstracts

## A Quasi-Optical Receiver Design

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*J.J. Gustincic. "A Quasi-Optical Receiver Design." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 99-102.*

The design of a completely quasi-optical 1.5 mm aircraft radiometer receiver is discussed in detail. The radiometer beam switching is described as well as a reflection isolator utilizing a reciprocating mirror. A quasi-optical local oscillator injection system using a Folded Fabry-Perot resonator is described and receiver performance levels given.

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