

Abstracts

A Quasi-Optical Receiver Design

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.

 [Return to main document.](#)