

Abstracts

Avalanche Diode Source with Integrated AFC Circuit and Frequency Converter for Digital Communication Systems

S.F. Paik, R.E. Blight, C.J.R. Pallemmaerts, W.W. Rollins and G.G. Russo. "Avalanche Diode Source with Integrated AFC Circuit and Frequency Converter for Digital Communication Systems." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 198-200.

An integrated 11 GHz source is developed for a digital communication system with emphases on suppression of interference by spurious signals. Performance characteristics of the integrated source/converter module are measured in a Q-PSK modulated system carrying up to 40 M-bits of data.

 [Return to main document.](#)