

12 GHz 1W GaAs FET Amplifier for SHF TV Signal Transmission

S. Aihara, Y. Fujiki, S. Fukuda, S. Akasaka and I. Haga. "12 GHz 1W GaAs FET Amplifier for SHF TV Signal Transmission." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 483-485.

An all-solid-state RF amplifier using GaAs Schottky barrier gate FETs for use as SHF-band TV broadcast power amplifiers has been recently developed. The amplifier is composed of five unit amplifiers and designed to operate with 40 dB gain, and +24 dBm output.

 [Return to main document.](#)