

Abstracts

Low Noise and Linear FET Amplifiers for Satellite Communications

P. Mercer, D.A. Cowan and A.B. Bell. "Low Noise and Linear FET Amplifiers for Satellite Communications." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 468-471.

FET Amplifiers with ambient noise figures as low as 4.8 dB at 12 GHz, 35 dB gain and intercept points as high as +28 dBm have been developed for use in communications satellites. Predicted mean time to failure is in excess of 10⁶ hours.

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