

Abstracts

GaAs ICs for 5 GHz Microwave Landing System Front-End (1992 Vol. II [MWSYM])

J.L. De Gouy, P.H. Boutigny, P. Jean and A. Grancher. "GaAs ICs for 5 GHz Microwave Landing System Front-End (1992 Vol. II [MWSYM])." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 1055-1058.

The full integration of the 5 GHz front-end of MLS (Microwave Landing System) equipment shows the maturity of the GaAs ASIC design. All the different functions as amplifiers, switches, oscillators, mixers have been integrated as well as digital functions needed for fractional divider frequency synthesis. All the designed ASICs fully comply with specifications and allow the equipment to run in a military environment. The results in terms of spectral purity are very satisfactory.

 [Return to main document.](#)