

Session VII

Subsystems II

(Joint with IMS)

Co-Chairmen:

J. G. Oakes

Raytheon ADC

T. A. Midford

Hughes GaAs Operations

The second subsystems session covers T/R module and communication systems applications of GaAs MMICs. The first paper describes a wideband, 6–18 GHz T/R module with less than 8 dB noise figure and 24–26 dBm output power. A broadband preamplifier with 12 GHz response and a monolithic transimpedance amplifier extending from DC to 1.6 GHz for optical communications systems will be described. Finally, a monolithic image rejection down-converter operating from 1.5 GHz to 2.5 GHz with a 0 to 100 MHz IF will be discussed for application to public telephone networks.

8:00 a.m.–9:20 a.m., Tuesday, June 2, 1992
Kiva Auditorium