

Session G

MMW Systems and Techniques

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Advanced millimeter-wave systems are often preceded by innovative developments in integration, testing and quasi-optical design. In this session, several techniques applicable to MMW power generation, imaging and in-situ probing of MMW circuits are presented. In the first category, two papers on resonant cavity dumping and coherent addition of large numbers of MMW oscillators promise higher MMW power levels. Three papers are presented on the integration of receiver and transmitter elements to reduce manufacturing costs and increase reliability. Finally, a paper on in-situ testing of MMW components using direct probing is presented.

1:30 p.m.–3:00 p.m., Tuesday, June 15, 1993
Room 216/217