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PHASED AND ACTIVE ARRAY TECHNIQUES

Chairman: H. George Oltman, Jr.—Tecom Industries, Inc.

Session Abstract: As the MMIC technology matures its effect on the quality of phased array modules is being seen. The lead-off paper illustrates this improving maturity with a 6–18 GHz, 1.2 watt, 5-bit MMIC module. Other papers illustrate advances in: components—phase shifters, a radiating element, and amplifiers, and performance—optimum L.O. noise performance. Another paper integrates both transmitter and receiver into a single module suitable for low cost, quasi-optical applications. These papers continue to exhibit innovative ideas and diligent application of the microwave technology.

8:30 a.m.–10:00 a.m., Tuesday, June 13, 1989
California Room