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MONOLITHIC AMPLIFIERS

Chairman: B. E. Spielman—Washington University

Session Abstract: Monolithic device and circuit technology have advanced to the point where significant output power levels can be achieved at microwave and millimeter wave frequencies. In this session we will hear of a 100 mW amplifier in the band 50–56 GHz, 1 watt at 29.5 GHz, and 16 watts (pulsed) in X-band. Device improvements and chip level power combining provide the means to achieve these power levels.

8:30 am–10:00 am, May 26, 1988
Jacob Javits Convention Center, Hall 1E
Room 1