

Abstracts

Millimeter-Wave Systems Applications

W.O. Copeland, J.R. Ashwell, G.P. Kefalas and J.C. Wiltse. "Millimeter-Wave Systems Applications." 1969 G-MTT International Microwave Symposium Digest of Technical Papers 69.1 (1969 [MWSYM]): 485-488.

Several system applications are being developed at millimeter wavelengths, including: 1. Radiometric ship detection and missile guidance against ship targets. 2. Antenna systems for intersatellite relays. 3. Radar area correlator guidance and clutter suppression techniques. 4. Wideband propagation/communication experiments between a satellite and ground stations. The first two of these examples will be discussed in detail, while the latter two will only be briefly mentioned.

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