

Abstracts

Active antenna oscillator arrays in communication systems

C. Kykkotis, P.S. Hall and H. Ghafoori-Shiraz. "Active antenna oscillator arrays in communication systems." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 591-594.

Active antenna oscillator arrays have been considered in millimetre-wave communication systems for increased power levels in low cost radio modules. In this paper, we have investigated the data-rate limitations, the modulation effects on the radiation pattern, and the bit error rate performance of antenna oscillator arrays in practical applications.

[Return to main document.](#)