

Abstracts

Design of Direct Phase Modulators for High Speed Digital Radio Systems Using MIC Techniques

J.M. Robinson and A. Husain. "Design of Direct Phase Modulators for High Speed Digital Radio Systems Using MIC Techniques." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 220-223.

The design and performance of serial four-phase modulators constructed in microstrip operating in the 19 GHz band at a symbol rate of 140 Mbauds is described. In a complete radio system, good performance within 4 dB of the ideal system, has been achieved consistently.

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