

Abstracts

Two Microwave Complex Weighting Circuits

M.J. Fithian. "Two Microwave Complex Weighting Circuits." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 126-128.

Two types of complex weighting circuits were implemented for use in adaptive phased array antennas. The first is an S-band circuit using p-i-n diodes. The second is an active X-band circuit using dual-gate GaAs FET's. A comparison of the two is presented with experimental data.

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