

Abstracts

Coherent photonic integrated beamformer for phased-array antennas

J. Stulemieijer, F.E. van Vliet, K.W. Benoist, D.H.P. Maat and M.K. Smit. "Coherent photonic integrated beamformer for phased-array antennas." 1999 MTT-S International Microwave Symposium Digest 99.3 (1999 Vol. III [MWSYM]): 1113-1116 vol.3.

The feasibility of an extremely compact photonic integrated circuit for controlling phase and amplitude of a 16-element phased-array microwave antenna has been demonstrated experimentally.

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