

Abstracts

A 40 GHz Microstrip Array Antenna

W. Menzel. "A 40 GHz Microstrip Array Antenna." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 225-226.

A 40 GHz 4x24 element microstrip array consisting of rectangular microstrip resonators is described. The antenna is developed using scaling techniques. A microstrip feed network is calculated including discontinuity effects. Return loss, bandwidth and radiation characteristics are given.

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