

Abstracts

A K-band linear phased array antenna based on Ba/sub 0.60/Sr/sub 0.40/TiO/sub 3/ thin film phase shifters

R. Romanofsky, J. Bernhard, G. Washington, F. VanKeuls, F. Miranda and C. Cannedy. "A K-band linear phased array antenna based on Ba/sub 0.60/Sr/sub 0.40/TiO/sub 3/ thin film phase shifters." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1351-1354.

This paper summarizes the development of a 23.675 GHz linear 16-element scanning phased array antenna based on thin ferroelectric film coupled microstripline phase shifters and microstrip patch radiators.

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