

Abstracts

All-optically controlled beam-scanning array for antenna remoting applications

W.R. Deal, T. Jung, M.C. Wu and T. Itoh. "All-optically controlled beam-scanning array for antenna remoting applications." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1383-1386.

In this work, a beam-scanning array for antenna remoting via an optical link is presented. Optical control over the main beam is accomplished through the use of a photosensitive resonator. Experimental data shows a total scan angle up to 36/spl deg/ can be achieved with this optical technique.

[Return to main document.](#)