

Abstracts

A Distributed Array Antenna System

R. Shaw and J. Kovitz. "A Distributed Array Antenna System." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 315-318.

The Space Station communication system will use microwave frequency radio links to carry digitized information from sender to receiver. The ability of the antenna system to meet stringent requirements on coverage zones, multiple users, and reliability will play an important part in the overall multiple access communication system. This paper will describe the configuration of a multibeam conformal phased array antenna and the individual microwave integrated components incorporated into this antenna system.

 [Return to main document.](#)