

Abstracts

Conformal Phased Array Antenna Design (Abstract)

J.H. Staehlin. "Conformal Phased Array Antenna Design (Abstract)." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 22-22.

An extremely low profile modular conformal phased array antenna design will be presented. Components that make up the antenna will be described to show the unique features such as the plug-in balun, the MHP phase shifter assembly, and the stripline RF manifold tracks incorporated to create a lightweight, reliable, maintainable panel. The eight element test array fabricated using the final array design features along with range test results will be given.

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