

Abstracts

Commercial Micro Computer Chips for Integrated Phased Array Control

F.J. Langley. "Commercial Micro Computer Chips for Integrated Phased Array Control." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 50-53.

Low cost commercial microcomputers, (currently used in many diverse applications, e.g. point-of-sale terminals, desk top computers, check processors, etc.), despite their relatively low computational speed, provide the opportunity for computing beam steering and shaping phase shifts for large phased-array antennas at high beam switching rates through the use of federated multi-computer techniques.

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