

Abstracts

Solid State Transmit/Receive Module for the PAVE PAWS (AN/FPS-115) Phased Array Radar

D.J. Hoft. "Solid State Transmit/Receive Module for the PAVE PAWS (AN/FPS-115) Phased Array Radar." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 239-241.

The PAVE PAWS phased array radar (AN/FPS-115) utilized for long range detection and tracking of SLBM's is presently under construction at two sites in the U.S.A. The system utilizes a solid state transmitter and receiver. This paper will discuss the transmit-receive configuration and the transmit/receive module developed for this application. The (sub) system configuration, module requirements and description, RF power transistors and performance to date will be presented.

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