

# Abstracts

## C-Band Solid State TWT Replacement

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*M.R. Harris, W.C. Tsai and S.F. Paik. "C-Band Solid State TWT Replacement." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 79-81.*

An all solid state TWT replacement for FM/FDM applications from 5.9 to 6.4 GHz has been developed. Output capability is 10 Watts at 40 dB gain. Gunn effect, IMPATT, and Read diode amplifiers are employed.

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