

# Abstracts

## Design of a High Power Earth Station Transmitter for the Band 7.9 to 8.4 GHz

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R.A. Gough. "Design of a High Power Earth Station Transmitter for the Band 7.9 to 8.4 GHz." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 264-266.

Three 10 KW klystrons are combined to cover the full 7.9 to 8.4 GHz band using a triplexer with less than 0.5 dB loss. A novel asymmetrical notch filter allows the severe IM specification to be met.

[Return to main document.](#)