

# Abstracts

## Improved Duplexing Techniques Employing Gas TR and Semiconductor Limiter Devices

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*R. Tennenholtz and P. Basken. "Improved Duplexing Techniques Employing Gas TR and Semiconductor Limiter Devices." 1964 PTGMTT International Symposium Program and Digest 64.1 (1964 [MWSYM]): 209-213.*

The TR Tube Dilemma. The present-day TR tube, through constant improvements, has approached a point where basically all parameters, with the exception of one or two, can be optimized. The designer, at best, can satisfy a specific rigid requirement only at the expense of another. This typically involves a "trade off" in performance with respect to such characteristics as crystal protection, life, recovery time or power handling capability.

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