# Abstracts

## Injection Locking of a Laddertron at 35 Gc/s (Correspondence)

*R.G. Strauch, W.T. Smith and V.E. Derr. "Injection Locking of a Laddertron at 35 Gc/s (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.4 (Jul. 1965 [T-MTT]): 473-474.*

An OKI 34LV10 Laddertron was Iccked at 34830 Mc/s by injecting a controlling signal into the Laddertron cavity. The Laddertron is a single-cavity multigap oscillator that can deliver about 10 watts CW. The controlling signal was obtained from a klystron that was phase locked to a crystal oscillator harmonic. The Laddertron can be locked for CW or for pulse operation.

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