

Abstracts

Additional Information on the Noise-Temperature Behavior of F8T5 Lamps (Letters)

*R.E. Guentzler. "Additional Information on the Noise-Temperature Behavior of F8T5 Lamps (Letters)." 1976 *Transactions on Microwave Theory and Techniques* 24.8 (Aug. 1976 [T-MTT]): 538-539.*

Noise temperature versus bulb temperature is given for an F8T5 lamp operating at 160-mA dc at bulb temperatures from 0 to 70°C. The new values supplement and correct previously published values. The behavior of the noise temperature is explained in terms of an Ar discharge at low bulb temperatures and the normal Hg-Ar discharge at high temperatures.

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