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Press Release

TMD Technologies turns up the power with Ku band TWT

Responding to customer demand, TMD Technologies is now offering a higher power, fast warm Ku band travelling wave tube (TWT). Peak power for the PT6789 is 1000 W, with an average power of 400 W continuous or 600 W for short periods.

Designing this TWT was a considerable technical feat as it operates at the top of the Ku radar band, at a high duty of up to 33%, and at very high PRF. The tube is also required to work in a harsh environment.

Currently the PT6789 is not optimised for any specific application, but TMD can tailor performance to customers' particular requirements.

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Photo caption

TMD's PT6789 Ku band travelling wave tube produces a peak power of up to 1 kW.



Notes for editors

TMD Technologies is one of the world's leading designers and manufacturers of specialised transmitters for radar and electronic warfare applications, high voltage power supplies and microwave tubes. The multiple Queen's Award winning company also produces a range of advanced commercial microwave amplifiers for EMC testing and scientific applications.

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