



TMD Technologies Limited

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## Press Release

Microwave power modules for UAV datalinks introduced by TMD

TMD Technologies has introduced two new microwave power modules (MPMs) designed specifically for use with military datalinks on unmanned aerial vehicles (UAVs).

Developed from the company's existing range of MPMs for radar, EW and Communications applications, the PTX8208 and PTX8209 cover the 7.9 – 8.4 GHz and 13.75 – 14.5 GHz frequency bands, and provide CW output powers of 100 W and 110 W respectively.

These new units benefit from particularly low noise performance and their design includes linearisers, which ensure excellent linearity and high useable carrier powers.

Like all TMD MPMs, the units are highly efficient, lightweight and reliable, particularly compared with solid state alternatives.

TMD's MPM range also includes several other broadband amplifiers which are suitable for Communications applications; PTX8340 covering 2.0-8.0 GHz at 100 W, PTX8200 covering 4.5-18.0 GHz at 100 W and PTX8207 covering 4.5-18.0 GHz at 140 W. These units can operate CW or pulsed.

For more information, please contact Guy Howard, Sales Manager Military Comms; [guy.howard@tmd.co.uk](mailto:guy.howard@tmd.co.uk) - or visit us at [www.tmd.co.uk](http://www.tmd.co.uk)

Photo caption

TMD's new MPMs are designed for UAV platforms.



Notes for editors

TMD Technologies Ltd is one of the world's leading designers and manufacturers of specialised transmitters for radar and EW 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.

All the UK company's operational activities are carried out at its West London premises, helping to ensure a smooth transition between development and production.

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