

## *PRESS INFORMATION*

*14 September 2018*

### **TMD receives significant overseas order for its Ka band MPM from a NATO country - for naval EW jamming system**

TMD Technologies Limited, independent world class, West London based manufacturer in the microwave and RF field, has received an overseas order for its PTX8807 Ka band 200 W microwave power modules (MPMs). The PTX8807 units are for use in a multi-MPM naval radar jamming system to be deployed in a NATO end use.

Each system utilizes multiple MPMs – depending upon antennae configuration. The PTX8807 MPMs supplied by TMD have been specifically designed for such use and incorporate the company's very latest high reliability PSU and associated TWT technology. Furthermore, the MPMs can be combined for higher power system requirements or provide graceful degradation/improved system reliability in the event of a failure in any one of the units.



*The PTX8807 operates in the Ka band and is being used in a major naval multi-MPM radar jamming system.*

The PTX8807 features simplified integration for high performance EW and radar systems and provides its output power of up to 200 W over a 30-40 GHz range in the technically challenging Ka band. It comprises a high-power Ka band helix TWT and switched mode power supply to form a single 'drop-in' unit without the need for high voltage connections.

Said Nigel Hann, TMD's Head of Sales: "At TMD we recognised the urgent requirement for defence and security organisations to mitigate the worldwide threat imposed by the increasing use of higher frequency radars. Such high frequency technology is now becoming more sophisticated and the systems more difficult to counter jam - whereas earlier Ka band radar products were less reliable and technically advanced.

Continued Nigel: "It was this situation that initially led us to develop the Ka band PTX8807, and since then we have been heavily committed to the further development of compact, ultra-reliable broadband MPMs – aimed particularly at EW/ECM systems. It is this on-going commitment that has resulted in a number of recent orders."



*Tracey Ledwell: 'The Ka band market is a strong growth area'*

Commented Tracey Ledwell, TMD's Engineering and Programmes Director: "The company recognises the Ka band market as a strong growth area, as more and more countries and organisations invest heavily in EW/ECM systems. Recently, interest in our Ka band MPM technology has been accelerating, and looking forward, we are already scheduling for increased demand".

**ENDS**

**TMD Technologies Limited – more than 20 years at the top of scientific and technical microwave and RF innovation**



With a heritage dating back to the 1940s, TMD Technologies Limited (TMD) is a world class designer and manufacturer of professional microwave and RF products. At the company headquarters in Hayes, West London it produces specialised transmitters, amplifiers, microwave power modules (MPMs), high voltage power supplies, microwave tubes and transponders for radar, EW and communications applications. A previous twice Queen's Award winner, it also produces a range of advanced instrumentation microwave amplifiers for EMC testing, scientific and medical applications.

**TMD Technologies, LLC, USA**

TMD Technologies, LLC is the US subsidiary of TMD Technologies Limited. Based in Baltimore, Maryland, it provides complete technical and commercial support to TMD's customers in the USA, including a comprehensive product repair centre.

The Sales and Business Development Department is engaged in the sales of the whole range of TMD's products, as well as new business development in the United States.

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