

PRESS INFORMATION

from TMD Technologies Limited

Preview for:
53rd Annual AOC International Symposium and Convention
Washington D.C. USA
29 November-1 December 2016

TMD exhibits latest MPMs and other advanced microwave products for EW professionals, in Booth 116 at the 53rd Annual AOC International Symposium & Convention *New Ka band MPM on show for first time in USA!*

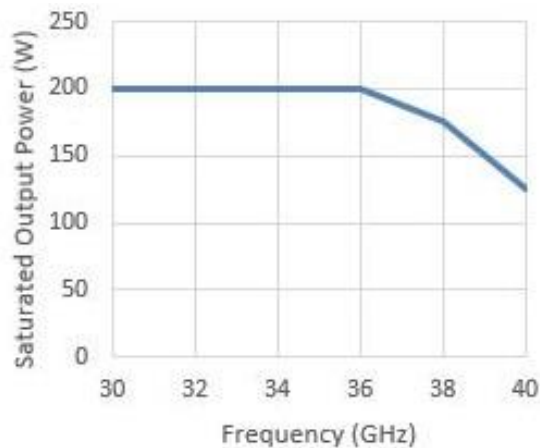
Once again TMD Technologies Limited (TMD), major West London based design and manufacturing company, will be exhibiting at the prestigious, traditional gathering of the EW community at the 53rd Annual AOC International Symposium & Convention in Washington D.C. at the end of November.

On Stand 116, TMD will be showing a representative selection of its advanced products for Electronic Warfare – including the recently launched TWT based PTX8807 microwave power module (MPM) and solid state PTS6900 MPM.

Mike Farley: ‘Confident’

“The premier AOC event gives us a great opportunity to meet with military leaders, policy makers and EW practitioners and widen our professional and personal network”, said CEO Mike Farley, TMD USA. “I am pleased to say that the percentage of orders coming from the US has greatly increased over the last few months, and I am confident that our participation in AOC 2016 will further enhance this exciting trading development.”

PTX8807 – on show for first time in USA



The high performance PTX8807 will be on show at AOC 2016.

TMD has chosen AOC 2016 to showcase the new PTX8807 in the USA. This new product is one of a completely new line of compact Ka band, TWT based MPMs. Operating over the 30-40 GHz range with an output power up to 200 W, it has been designed and painstakingly engineered to meet the most stringent demands of today's - and tomorrow's - sophisticated EW and radar systems.

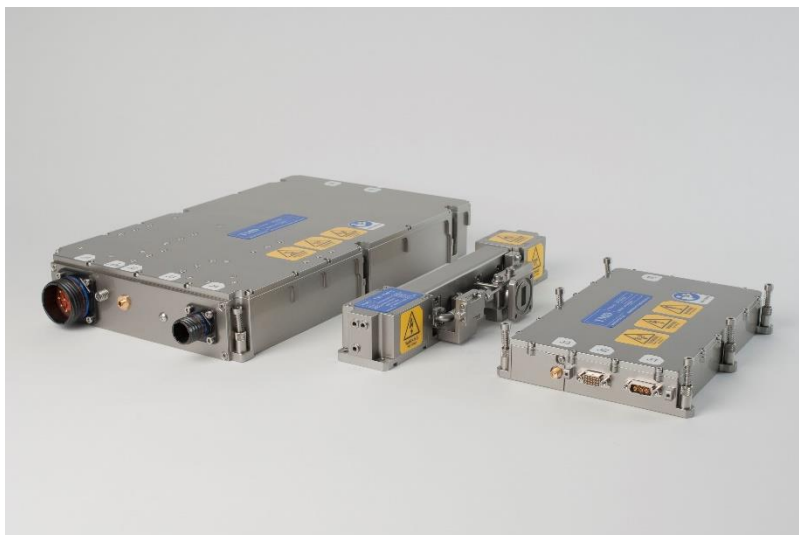
With its high power Ka band helix travelling wave tube (TWT) and matched high density switched mode power supply it forms a single 'drop-in' amplifier unit. Thus, high voltage TWT interconnections are eliminated - as well as safety and reliability hazards. Spares logistics and maintenance are also simplified.

The PTX8807 allows a variety of TWT models to be used, so customers can specify duty, frequency and peak power parameters to meet their requirements. Factory settings are optimised for TWT performance.

The new MPM also features high electrical efficiency, with minimum cooling required. Because the high voltage section is fully encapsulated it is able to operate at high altitudes and in high humidity – making integration into airborne platforms easy. Other user benefits include remote operation and status monitoring.

Also on show – TMD’s latest solid state MPM

TMD’s expertise in MPM technology also extends to advanced GaN MMIC solid state design.



On show at AOC 2016 will be the solid state PTS6900 MPM, shown here with (left to right) TMD’s fast-warm Ku band TWT and PTXM Series TWT based MPM.

Optimised for EW/ECM systems, TMD’s latest solid state, ITAR free PTS6900 MPM operates over the 2-6 GHz range, with 150 W output power and adjustable 55 dB gain. It features instant start up, fast mute time, and a very high predicted MTBF for an airborne uninhabited fighter environment.

TMD’s strong team at AOC 2016 emphasizes importance of event

TMD UK

Jane McAlister, Sales and Business Development Director

Nigel Hann, Head of Sales

TMD USA

Mike Farley, CEO

Bryan Herndon, Sales Engineer

TMD Technologies Limited – More than 20 years at the top!



TMD's headquarters in West London.

Last year, the company celebrated 20 successful years at the top of its profession as an independent design and manufacturing SME in the microwave and RF field.

TMD Technologies Ltd is one of the world's leading designers and manufacturers of specialised transmitters, amplifiers, microwave power modules (MPMs), high voltage power supplies and microwave tubes for radar, EW and communications applications. The multiple Queen's Award winning company 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 Ltd, set up in Baltimore, Maryland in 2013; its purpose being to provide excellent commercial and technical support to TMD's customers in the USA. The company is now well established, the product repair and service centre is up and running and its Sales and Marketing Department is engaged in new business development in the USA - for the whole range of TMD's products.

For further information and digital images please contact:

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