

PRESS INFORMATION***Preview for:******Electronic Warfare GCC 2018******Abu Dhabi, UAE******8-10 October 2018******TMD exhibits at EW GCC again - showing latest products for Electronic Warfare, with Ka band technology, on Stand 9***

Exhibiting again at the Electronic Warfare GCC event in the Emirates, TMD Technologies Limited (TMD), major West London based manufacturer in the microwave and RF field, will be showing a representative selection from its advanced TWT and solid state based MPMs (Microwave Power Modules) for Electronic Warfare on Stand 9.



Jane McAlister – with extensive experience in international defence and security technology selling, particularly in the Middle East.

“Last EW GCC was the first time we had exhibited at an EW event in the UAE,” said TMD’s Sales and Business Development Director, Jane McAlister, “and that was in direct response to our planned on-going expansion into the Middle Eastern markets. The EW GCC event is recognised as the gateway to the EW community in the

Middle East and is supported by the region's intelligence and military elite. It is a perfect venue for cutting-edge technology companies like TMD to build strong business connections with those involved in meeting regional military and security objectives. Highlighting the importance of this event to TMD, an executive team of Dave Brown, Group CEO, Nigel Hann, Head of Sales, and I will all be attending this EW event to take up every opportunity of moving forward with our growth targets in this area."

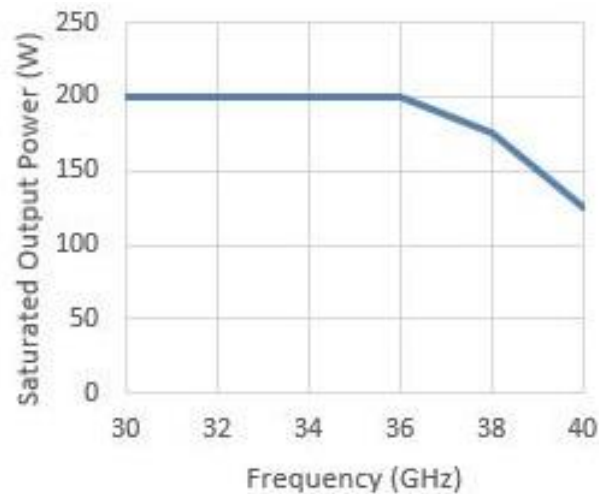
NEW TWT based MPMs for EW and radar systems

On show, underlining TMD's extensive expertise in EW/ECM and radar products for airborne, ground-based and naval platforms will be the new line of Ka band TWT (Travelling Wave Tube) based MPMs, exemplified by the PTX8807 - as well as the new PTX8110 compact high power MPM, solid state PTS6900 and TWT based ultra-compact PTXM Series MPMs.



TMD has expertise in the development of compact, highly reliable Ka, broadband MPMs – particularly aimed at EW/ECM.

The new PTX8807 TWT based MPM addresses the solution to providing counter measures against increasing operating systems emerging in the Ka frequency range – such as missile threats.



Covering the 30-40 GHz Ka band with 200 W output power, the PTX8807 is easily integrated into EW and radar systems. It comprises a high power helix TWT and switched mode power supply to form a single drop-in unit without the need for potentially unreliable high voltage connections. The PTX8807 operates at high altitude and humidity and is easily incorporated into a variety of airborne platforms.

Prestigious order

Emphasising its enviable expertise in the development of compact Ka broadband MPMs, TMD has recently received an order for four PTX8807s for use in a naval multi-MPM EW jamming system in a NATO role.

PTX8110 compact, high power MPM for high performance radar and EW

The new PTX8110 operates from 6-18 GHz at 200 W and, with its compact design, is easily integrated into those high performance EW and radar systems requiring higher power. Comprising a high power helix travelling wave tube (TWT) and switched mode power supply, the PTX8110 forms a single 'drop-in' microwave amplifier unit.

Solid state PTS6900 MPM for fast system integration

Whether for airborne or ground-based operation, TMD's latest solid state PTS6900 MPM is the solution for fast integration into EW/ECM systems. It employs advanced GaN MMIC technology and operates over the 2-6 GHz range with 150 W output and adjustable 55 dB gain. Offering a very high predicted MTBF of 30,000 hours in an uninhabited fighter environment, it is also ITAR-free – a distinct advantage to non-US customers.

... and PTXM Series TWT based MPMs with super efficiency packaging

TMD's PTXM Series ultra-compact MPMs are designed for airborne radar, EW and communications. They operate over the frequency range 4.5 to 18 GHz, with power outputs up to 140 W, and incorporate mini TWTs and super efficiency packaging to offer perhaps the highest power density on the market today. With low volume and low weight, they are ideal for applications such as UAVs.

Strong TMD Team at EW GCC 2018

Dave Brown, Group CEO

Jane McAlister, Sales and Business Development Director

Nigel Hann, Head of Sales

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, threat simulation, 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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