

## ***PRESS INFORMATION***

26/07/2019

*Preview for:*

Defence & Security Equipment International (DSEI) 2019

ExCel, London, September 2019

**TMD celebrates its 75 Year Anniversary at DSEI 2019 in London  
*With a host of microwave and RF products for radar, EW and communications:  
on Stand S2-332, ADS UK Pavilion***

At DSEI 2019, TMD Technologies Limited (TMD), specialist West London based design and manufacturing company, will be celebrating an outstanding 75 years in the microwave and RF field – showing a wide range of advanced products that highlight and emphasizing its heritage and proven capability in the defence and security industry.

Jane McAlister, Sales & Business Development Director said: “It’s fascinating to reflect that the same spirit of innovation shown by EMI in the 1940s is very much alive in TMD’s engineers today, working closely with the sales team to focus on our customers and the emerging requirements of their applications”.

David Bullas, Head of Region, Asia Pacific commented “As an international company with a very strong export focus, DSEI presents an unrivalled opportunity to engage with our ever-growing number of partners and customers from around the world. And for those new to TMD, the capabilities on display at DSEI will help explain why we have enjoyed such success in the United States, Asia Pacific and elsewhere. TMD looks forward to welcoming visitors to its new eye-catching stand at DSEI 2019!”

**PTX8807 – a proven, mature MPM in the challenging Ka band**

Nigel Hann, Head of Sales said: “Some time ago, responding to the EW/ECM market, we invested in the development of Ka band MPM products to counter the emerging threats of higher frequency radars. A fine example is the proven PTX8807 – now a mature product incorporating many design updates for the benefit of the user”.



This MPM features simplified integration for high performance EW and radar systems and provides an output power of up to 200 W over a 26.5-40 GHz range.

***PTX8110 - for high performance EW and radar***

The 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. It comprises a high power helix TWT and switched mode power supply.

***PTX8815 –the answer to high fidelity radar requirements***

The PTX8815 TWTA is designed for Ka band radar applications such as naval fire control. Featuring broadband capability, covering 34–36 GHz, it offers a peak power of over 1100 W in the mid-band, and 600 W at the band edges with a maximum duty of up to 12%.

***Solid State PTS6900 – plus NEW version***

Optimised for EW, TMD's solid state PTS6900 MPM employs advanced GaN MMIC technology, and offers high performance over a 2-6 GHz range with an output power of 150 W. It has a predicted 30,000 hours MTBF in an airborne uninhabited fighter environment.

The PTS6963 higher power version has now been launched with a power output of 180 W over the same frequency range.

***PTXM Series – where small is beautiful!***

For airborne radar, EW and communications, the PTXM Series ultra-compact MPMs feature low volume and low weight and are ideal for UAVs. They operate over the frequency range 4.5 to 18 GHz with output powers up to 140 W and offer probably the highest power density on the market.

***PTCM Series – includes New dual version***

Ideal for radar and EW threat simulation, the PTCM Series TWT intelligent instrumentation amplifiers are designed to reliably deliver the highest field strengths with compact and user-friendly units.

TMD has now launched a high power, dual combined version delivering more than 10 kW pulsed and greater than 4 kW CW across the 2-18 GHz range. This high-power performance is achieved by combining two TWTs within one rack mountable amplifier. Higher multiple combination amplifiers are already under development.

***G2 transponders – applications include UAVs***

TMD acquired G2 Engineering in 2018. G2 Engineering has a long history of making range safety transponders dating back to when they were Vaga Cantley. G2 Engineering have now fully integrated the manufacture of the Transponders in to

TMD's manufacturing facility in Hayes, Middx, UK. TMD will have on display the range of Transponders that we are now able to offer the market for use on Missiles, Target Drones and RPAs.

***TMD – the best partner of choice for product support!***

In addition, TMD's Head of After Sales, Andy Crawford, will be available to discuss TMD's superior Life Cycle Support offerings which are available to any of TMD's customers and often involve Long Term Agreements (LTAs). These include agreements for holding rotatable stock to improve Repair Turn Around Time (RTAT). Andy Crawford, Head of After Sales said: "TMD's After Sales activity has been a key focus of the company in recent years to improve its service to the customer base and I look forward to discussing your requirements at DSEI!"

**The sales team at DSEI 2019 will include:**

Jane McAlister, Sales and Business Development Director

Nigel Hann, Head of Sales

Andy Crawford, Head of After Sales and Support

Stuart Love, Senior Sales Manager, UK and Europe

Steve Humphries, Territory Manager, Europe and Africa

David Bullas, Head of Region Asia Pacific

Richard Patrick, Head of Business Development

Heather Skinner, Senior Manager, Marketing and Communications

Chetna Wagjiani, Marketing Manager

**TMD Technologies Limited – Leaders in scientific and technical microwave and RF innovation**

*TMD's headquarters design and manufacturing facility in West London UK.*

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 and offers a comprehensive product repair centre.

The Sales and Business Development team is engaged with promoting the whole range of TMD's products, as well as identifying new business development opportunities in the United States.

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