

PRESS INFORMATION

Preview for:

EW Europe 2019

Stockholm, Sweden

13-15 May 2019

STAND C16

TMD shows latest products for Electronic Warfare – including Ka band technology.

TMD Technologies Limited (TMD), world class, UK based manufacturer of professional microwave and RF products, will be showing a representative selection from its advanced TWT (Travelling Wave Tube) based and solid state MPM (Microwave Power Module) EW portfolio on Stand C16 at this year's EW Europe 2019 event in Stockholm.

TMD welcomes visitors to EW Europe again

Steve Humphries, TMD's Territory Manager Europe and Africa said: "With well over a thousand industry specific attendees and visitors from over 45 countries expected this year, EW Europe is our most important EW event outside of the USA. A high proportion of TMD's recent product innovation has been to meet demands in the EW market, and we therefore consider a high profile at this event is essential to our overall marketing strategy."

Continued Stuart Love, TMD's Senior Sales Manager, UK and Europe: "We look forward to welcoming existing and new customers to our stand to discuss current EW challenges and to offer elegant TMD solutions – covering both advanced TWT and solid-state technologies."

High performance TWT based MPMs for EW and radar systems

“TMD has extensive experience in the manufacture of EW/ECM and radar products for airborne, ground based and naval platforms,” said Head of Sales Nigel Hann: “Our latest EW products include a range of units covering the technically challenging Ka band as well as utmost reliability, high power options for the 6-18 GHz frequency range.”

On show at EW Europe 2019 will be TMD’s new line of Ka band TWT MPMs, exemplified by the PTX8807, as well as the new PTXM2000 compact high power MPM, solid state PTS6900 and other ultra-compact TWT based MPMs from the PTXM Series.

PTX8807 – now being used in a NATO role

This advanced TWT based MPM addresses the solution to providing counter measures against increasing operating systems emerging in the Ka band – such as missile threats. It covers the 30-40 GHz Ka band with a power output of 200 W and is easily integrated into EW and radar systems. Designed for simple fitting into a variety of airborne platforms, the PTX8807 operates at high altitude and humidity.



The PTX8807 operates over the 30-40 GHz Ka band – a fine example of TMD’s expertise in the EW/ECM field.

Highlighting the innovative design and exceptional performance of this MPM is a prestigious order received recently by TMD for four units scheduled for use in a naval multi-MPM EW jamming system in a NATO role.

PTXM2000 – for systems requiring higher power

The new PTXM2000 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 TWT and switched mode power supply, the PTXM2000 offers – like the PTX8807 - a single ‘drop-in’ microwave amplifier unit without the need for potentially unreliable high voltage TWT interconnections.

PTS6900 – for fast EW/ECM system integration



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 is designed for fast

integration into EW/ECM systems, and has a predicted 30,000 hours MTBF in an airborne uninhabited fighter environment. It is also ITAR-free.

PTXM Series – ultra-compact, and ideal for UAVs

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

TMD Sales Team at EW Europe 2019

Steve Humphries, Territory Manager Europe and Africa

Stuart Love, Senior Manager UK and Europe

Nige Hann, Head of Sales

...and Chetna Wagjiani, Marketing Manager:

‘Looking forward to networking with customers and industry colleagues to keep in touch and ensure we are up to date with customer requirements.’

TMD Technologies Limited – more than 20 years at the top of 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 Department is engaged in the sales of the whole range of TMD's products, as well as new business development in the United States.

[For further information and digital images please contact:](#)

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