

PRESS INFORMATION

Preview for:

**IDEF 2017
Istanbul, Turkey
9-12 May 2017**

TMD takes stand space at IDEF'17 International Defence Industry Fair, Istanbul

***- to showcase its latest microwave power modules for land, sea, air, defence
and security applications***

Continuing its strong on-going marketing expansion and development policy in the Middle East and further afield, TMD Technologies Limited (TMD) – world class West London based manufacturer of advanced microwave and RF products – will be exhibiting at IDEF'17 in Istanbul.

On Stand 227H, TMD will be showcasing a representative selection from its wide range of microwave products, in particular the newest MPMs (Microwave Power Modules): namely the recently launched TWT (Travelling Wave Tube) based Ka band PTX8807 and solid state PTS6900.

Said Stuart Love, TMD's Senior Sales Manager, UK and Europe: "Our presence at IDEF follows on logically from our successful event at IDEX 2017, Abu Dhabi in February, with both exhibitions aimed at establishing new market and development opportunities in the Middle Eastern areas. Organised under the management of the Turkish Armed Forces Foundation (TAFF), we see IDEF'17 as a major venue for introducing our latest cutting edge microwave products to some of the elite organisations involved in procuring equipment for defence, security, maritime, aviation and aerospace systems".

Sales and Business Development Director Jane McAlister will be attending the show - emphasising the importance of the IDEF exhibition to TMD. Jane has several years marketing experience in the Middle Eastern areas, including Turkey, and is well placed to lead TMD's development and expansion programme in these regions. Turkey has been an important country for TMD for several years, and the company is now looking to consolidate and further

develop its marketing base in this area.

TWT based and solid state MPMs

The PTX8807 heralds a new line of TWT based, Ka band compact MPMs from TMD. It features simplified integration for high performance EW and radar systems and provides an output power of up to 200 W over a 30-40 GHz range. Comprising a high-power Ka band helix TWT and switched mode power supply it forms a single 'drop-in' unit without the need for high voltage connections, and eliminating any associated reliability problems.



TMD's PTX8807 is easily integrated into a variety of airborne platforms,

Customers can specify duty, frequency and peak power requirements, and the unit is factory set for optimised performance. High electrical efficiency ensures the minimum cooling requirements, with reliable operation over a wide temperature range. The PTX8807 provides top performance at high altitude and in high humidity, and is easily integrated into a variety of airborne platforms. It also features remote operation and status monitoring.

TMD's solid state PTS6900 MPM epitomises the company's expertise in solid state technology. Employing advanced GaN MMIC technology, the unit offers high performance over a 2-6 GHz range with an output power of 150 W. Because of its superior design and construction, the PTS6900 has a predicted 30,000 hours MTBF in an airborne uninhabited fighter environment.

Also on show will be the PTXM Series ultra-compact MPMs. Featuring low volume and low weight these units 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.

In addition, TMD will be exhibiting its fast-warm Ku band TWTs

TMD at IDEF'17

Jane McAlister, Sales and Business Development Director
Stuart Love, Senior Sales Manager, UK and Europe

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



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.

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