

PRESS INFORMATION

18 October 2015

Preview for:

Dubai Airshow

8-12 November 2015

TMD to showcase its very latest solid state and TWT based MPMs for the first time at the Dubai Airshow - see *advanced microwave products for EW/ECM systems, UAVs and other applications on Stand 845*

On **Stand 845** at the Dubai Airshow 2015, TMD Technologies Limited (TMD) will be showcasing its latest solid state and travelling wave tube (TWT) based microwave power modules (MPMs).

“These new MPMs, namely the solid state PTS6900 and TWT based PTXM Series units, are the result of more than 70 years accumulated expertise by TMD in the design and manufacture of microwave products for demanding airborne as well as ground based and naval applications,” said TMD’s Middle East Territory Manager, Andy Crawford. “This is the first time we have exhibited at the prestigious Dubai Airshow,” continued Andy Crawford, “and our participation in this event is a direct result of our expansion into the Middle East market.



Left to right: TMD’s new solid state PTS6900, fast warm Ku band TWTs and PTXM Series TWT based MPMs will be showcased at the Dubai Airshow for the first time.

The PTS6900 – *designed for EW/ECM systems*

TMD has called on the very latest 0.25 µm GaN MMIC technology and its own unbeatable expertise to produce a top performance MPM optimised for EW/ECM systems and operating over the 2-6 GHz range.

Offering an output power of 150 W and adjustable 55 dB of gain, the advanced solid state PTS6900 MPM provides instant start up, a fast mute time of 1 µs, and is ITAR free. Moreover, the predicated high reliability is over 30,000 hours MTBF!

The PTXM Series – *TMD's TWT based technology at its best!*

In keeping with its philosophy of offering its customers both solid state *and* tube based products, TMD continues to produce state of the art, TWT based MPMs – operating at high frequency and high power.

Ideal for UAVs – where low volume and low weight are critical - the new TWT based PTXM Series units operate over the 4.5 to 18 GHz band with output powers up to 140 W. Weighing typically only 1.7 kg, these MPMs offer probably the highest power density on the market.

Also:

Also featured on TMD's Stand 845 will be fast-warm Ku band ring loop TWTs and TMD's fast developing range of Instrumentation TWT and solid state amplifiers. The latter have applications in the avionics and aerospace industries for radar/EW simulation and training and also EMC HIRF testing.

TMD Technologies Limited



TMD's headquarters in West London. This year, the company celebrates 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

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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