

PRESS INFORMATION

**Preview for:
EMV 2017
Stuttgart, Germany
28-30 March 2017**

TMD features *New PTCM Series* instrumentation TWT amplifiers on Stand C2-214 – on show for first time at *EMV Stuttgart!*

Once again, TMD Technologies Limited (TMD), world leading West London based microwave and RF manufacturer, will be exhibiting at the EMV Exhibition and Conference in Stuttgart, Germany.

TMD has an impressive and proven capability in the EMC field, with products offering power outputs up to 50 kW and operating over a frequency range from DC to 40 GHz, using suites of Travelling Wave Tube (TWT) based and solid state amplifiers.

Leading the way in EMC technology

“The annual EMV exhibition is a principal event in the field of electromagnetic compatibility”, said Imad Gharib, TMD’s Sales Manager, Instrumentation Amplifiers. “It allows us to demonstrate our high level of innovation and technical expertise among some of the elite in the EMC industry, and presents us with the perfect platform to discuss our advanced microwave products and services with visitors involved in the very latest EMC-specific developments, trends and emerging technologies.”

Focus on new PTCM Series

The spotlight on TMD’s Stand C2-214 will be on the recently introduced PTCM Series intelligent, modular TWT RF instrumentation amplifiers.

These amplifiers highlight TMD’s advanced EMC capability and offer superior user interface, easy maintainability, and a wealth of operational benefits.

The compact PTCM Series are of customisable 6U high rack mounting construction. They are designed to deliver the highest field strengths in the test environment and to meet the most demanding worldwide standards. Operating over a frequency range from DC up to 40 GHz with a power output up to 50 kW, the amplifiers are designed for a range of applications that include EMC/radiated immunity, communications, EW, radar, RF component testing and the scientific field.



TMD's advanced, intelligent modular PTCM Series TWT instrumentation amplifiers offer superior user interface and maintainability – plus a wealth of operational benefits.

The PTCM Series amplifiers provide a host of user benefits, including self-test, fault diagnosis, modular plug and play field replaceable Printed Circuit Boards (PCBs), and Ethernet remote control and monitoring. The inherent high level of amplifier intelligence is provided by a state of the art 'system on chip' (SOC) – controlling and synchronising all power conversion circuitry in real time, and all the monitoring, control, data logging and user interface functionality.

The modular 6U high system allows a number of options – enabling, for example, dual high power TWT amplifiers at 12U high to be easily configured. The ultra-reliable PTCM Series architecture is based on demanding military standards, with excellent thermal management to provide high Mean Time Between Failures (MTBF). Also featured is Voltage Standing Wave Ratio (VSWR) reflected power protection.

Turnkey EMC systems

TMD works closely with antenna specialists and anechoic chamber manufacturers to provide full turnkey EMC testing systems. As well as EMC applications, TMD's products can be used for PIM testing, scientific research and in the medical field.

In addition to providing off the shelf models, TMD can customise units to customer's own specifications.

TMD people at the Show

Imad Gharib, Sales Manager, Instrumentation Amplifiers

Andy Crawford, Head of After Sales and Support Worldwide

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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