



TMD Technologies Limited

Swallowfield Way Hayes Middlesex UB3 1DQ UK
Tel 44 (0)20 8573 5555 Fax 44 (0)20 8569 1839

PRESS INFORMATION

**NOT FOR PUBLICATION, BROADCAST OR USE ON CLUB TAPES
BEFORE 00.01 HOURS ON 21 APRIL 2005**

4 April 2005

Ultra Low Noise “Free Range” power supply from TMD Technologies Ltd, wins Queen’s Award for Enterprise (Innovation).

TMD Technologies Ltd (TMD), an independent UK company, has developed and manufactured a revolutionary high voltage power supply for radar, which achieves a noise level 100 times lower than that of previous designs. This provides the radar with significantly better range and accuracy of target identification. A key feature is that TMD’s power supply does not need a synchronisation pulse from the radar, which enables the Radar to run with a free range of pulse lengths and waveforms.

As a result of this new power supply, TMD recently won a major contract from the US company Thales Raytheon to supply radar transmitters for the Sentinel Radar, against strong competition from US suppliers. The end user - the US army has remarked “....the performance is so good we are dancing on the table!”

TMD’s new power supply has a noise figure of better than -140 dBc/Hz CW equivalent single sideband random noise and better than -80 dBc spurious noise. Current state of art prior to this innovation was typically -120 dBc/Hz random, thus TMD has achieved an improvement of better than 20 dB or a factor of 100 times!

PRESS INFORMATION CONTINUED

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Peter Butcher, TMD's Chairman and Managing Director comments; “
“I am extremely proud of this Queen's Award for Innovation, following so closely after our first Queen's Award last year for International Trade. This marks another major milestone in the growth in our technology, which has resulted from many years of investment.

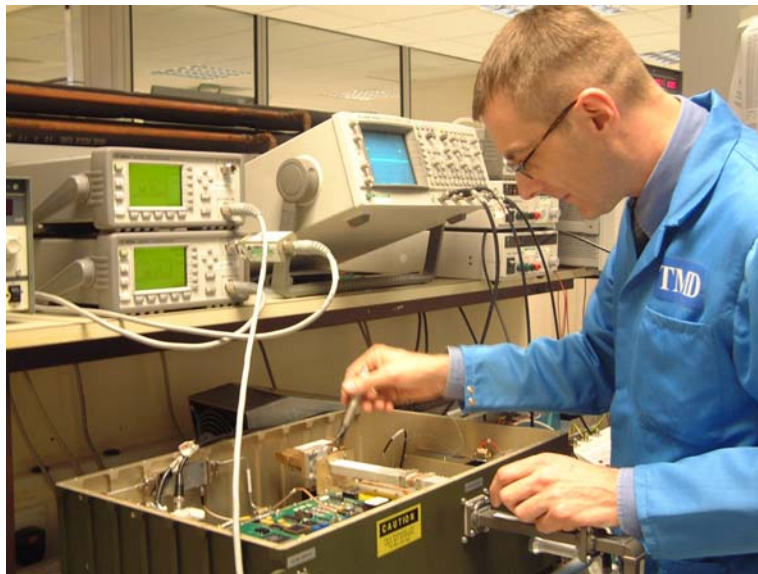
TMD designs and manufactures specialised transmitters for radar and electronic warfare applications, power supplies and microwave tubes. It also produces a range of commercial amplifiers for EMC testing, medical and scientific applications.

For further information please contact:

Heather Skinner, TMD Technologies Limited. Tel: 44 (0)20 8581 5002 Fax: 020 8581 5012
Email: heather.skinner@tmd.co.uk

www.tmd.co.uk

NOTE: Digital images available from Heather Skinner at TMD on request.



“Middlesex based company TMD Technologies Ltd wins Queen's Award for Enterprise in the category of Innovation, by developing a revolutionary power supply for radar. This power supply achieves 100 times lower noise than previous systems; dramatically improving the range and accuracy of target identification.”