



TMD Technologies Limited

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Press Release

TMD Technologies powers ground mapping radar

A prototype power supply from TMD Technologies for ground mapping radar is proving successful in trials conducted by EADS Astrium.

The PTX8202 MPM (microwave power module) provides power for the X-band synthetic aperture radar system for ground mapping developed by Portsmouth-based EADS Astrium. Its ultra low noise output has contributed significantly to the quality of the images produced.

“We will shortly be carrying out further intensive flight trials, and so far the MPM has worked perfectly,” said EADS Astrium Head of Radar Demonstrators, Martin Cohen.

Operating in the 9.0-10.7 GHz waveband, at up to 110 W cw, the TMD unit also offers improved reliability, which had been a particular problem with previous modules from other suppliers.

Other advantages of the MPMs for this application are their light weight and compact size.

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Image caption



X-Band quad polar image of an area near Leeming Airfield, North Yorkshire

(Imagery courtesy of EADS Astrium UK (Portsmouth))

Notes for editors

About TMD Technologies

TMD Technologies Ltd is one of the world's leading designers and manufacturers of specialised transmitters for radar and EW applications, high voltage power supplies and microwave tubes. The multiple Queen's Award winning company also produces a range of advanced commercial microwave amplifiers for EMC testing and scientific applications.

All the UK company's operational activities are carried out at its West London premises, helping to ensure a smooth transition between development and production.

About EADS Astrium

EADS Astrium is a world leader in satellite systems, with business activities covering civil and military telecommunications, Earth observation, science and navigation programmes, together with associated ground infrastructure, space avionics and a wide range of space equipment.

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