AN/PLM-4
DEPLOYABLE ELECTRONIC WARFARE
TEST SYSTEM (DEWTS)

Designed for rapid deployment into areas of conflict in a package that consumes less than four cubic feet.

The Harris AN/PLM-4 Deployable Electronic Warfare Test System (DEWTS) consists of a standard configuration AN/PLM-4 Radar Signal Simulator (RSS), a Radio Frequency Measurement Test Set (RFMTS) accessory and a laptop controller. For users that currently have the AN/PLM-4, DEWTS capability only requires adding the RF Measurement Test Set and a laptop controller. The RSS DEWTS can be used using existing Radio Frequency (RF) antenna couplers (HATS), or HATS can be purchased at additional cost. The test system software can be installed on most computers with a Windows® operating system.

The DEWTS is unique because it tests the performance of the entire ECM system using a portable, battery powered test set that is deployable anywhere in the world, without the need for AC power. The DEWTS interface is a Windows® graphical user interface (GUI) that allows the user to perform a variety of frequency accuracy, receiver sensitivity and transmitter output tests using configuration controlled automatic test programs. The DEWTS test programs are developed using the Test Program Wizard, which allows test engineers to quickly develop in-depth maintenance test programs without the need for knowledge of the DEWTS.

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<th>BENEFITS</th>
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<tr>
<td>Rapidly determine health of on-board electronic warfare (EW) systems</td>
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<td>Fully portable, battery powered EW end-to-end test set</td>
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<td>Can test both receivers and jammers with or without antenna couplers</td>
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<td>User-generated test program sets</td>
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<td>Virtual instruments support detailed troubleshooting</td>
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The DEWTS footprint supports the Aerospace Expeditionary Force (AEF) allowing advanced EW system testing in austere forward operating locations.

FEATURES

- Battery powered
- Deployable and lightweight
- Easy-to-use operator GUI
- Automatic and manual modes
- Usable with or without antenna couplers; both PLM-4 and RFMTS have built-in antennas
- Digital buss monitor capable
- Frequency, power and pulse measurements
- User developed test programs
- Virtual Spectrum Analyzer
- Virtual Oscilloscope

About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company’s advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately $8 billion in annualized revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

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