REDUCES YOUR SUPPORT EQUIPMENT FOOTPRINT

BENEFITS

- Combines the AN/PLM-4 electronic warfare (EW) test set with missile warning test set
- Adds the capability to test UV missile warning systems
- Provides the maintenance technician a single advanced test set for testing EW radar warning receivers and missile warning systems in austere operational environments
- Integrates an advanced UV emitter with programmable missile profiles into the AN/PLM-4

The AN/PLM-4 Radar Signal Simulator (RSS) with Harris Missile Warning System (MWS) combines the trusted functionality of our test capabilities with the next step in the evolution of advanced flight line test sets.

Harris has incorporated ultraviolet (UV) stimulation into the AN/PLM-4 RSS. Multiple aircraft sensors can be tested using a single, portable, battery powered signal source. The radio frequency (RF) electro-optical (EO) test set has all the advanced features of the AN/PLM-4 along with programmable UV missile profiles. The AN/PLM-4 radar emitter signal simulator software includes a software application that allows the user to develop missile profiles that simulate operational missiles’ UV profiles.

In addition to UV missile profiles, the EO profile application allows the operator to create hostile fire signatures and maintenance test UV signatures. The application program allows the operator to create combined RF and EO engagements for system level tests, on the ground, at austere operating locations without the need for RF antenna couplers. The effective optical beam-width of the UV source allows non-critical pointing of the test set. The single AN/PLM-4 test set for RF and EO testing significantly reduces the logistics footprint for the warfighting technician. Weight: 20 lbs. (9.07 kg)
AN/PLM-4 RADAR SIGNAL SIMULATOR (RSS) WITH MISSILE WARNING SYSTEM (MWS) TEST FUNCTION

FEATURES

Tests existing deployed RF electronic warfare receivers and missile warning systems

RF Frequency Range: 500 MHz - 18 GHz, optional 50 MHz to 500 MHz, 26 GHz to 40 GHz, and W-Band

UV wavelength: Solar blind

Programmable UV intensity

Wide 120 degree output view angle

The distance-to-sensor test range varies depending on the specific UV MWS under test but ranges up to 100 ft. are possible during operational ground test

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 annual revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.