RF TEST SETS Universal Spherical Dipole Source

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For example, deteriorating cable shielding or weakening chamber seals may go unnoticed, but result in a loss of measurement integrity. By taking daily measurements with the USDS and comparing profile results, these changes become known and can be investigated and corrected.

Test environments can be characterized using complex published methods, but the USDS provides a quick, convenient method that makes daily measurement practical and affordable.

Key Features

- Portable EMI Source for Quick Test Site Characterization and Site-to-Site Comparisons

- Horizontal and Vertical Polarizations

- Selectable Pulse Mode for Testing

- Quasi-Peak Detectors

- 10 MHz to 10 GHz Frequency Range

- Four Switch Selectable Fundamental Frequencies

  - 10 MHz

  - 64 MHz

  - 100 MHz

  - 133 MHz

Specifications

Electrical Specifications

Universal Input Power and Battery Charger: 90-264VAC, 50-60Hz, 18W
Ouput Power: 9 VDC at 2.0 A

Physical Specifications

Weight: 385 g (13.58 oz)

Other Specifications

- Replacement Battery Cells: 18650 Li-Ion battery cells rated at 3.7VDC, 2600mAh. (Tenergy P/N MH48285, Model 30005-0).
- AC Battery Charger
- Bundled Spherical Dipole Yoke Tripod Adapter Assembly (AET P/N 90016-02)
- Universal Spherical Dipole Source (USDS-H)
- Comb Generator with Four Selectable Clocks (AET P/N 90005-01)
- Model USDS-HE; Bundled System (AET P/N 90025-02)

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