 **AET**  
Applied Electromagnetic Technology

*Applied Electromagnetic Technology, LLC.*  
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*Advanced technology for accurate electromagnetic measurements*

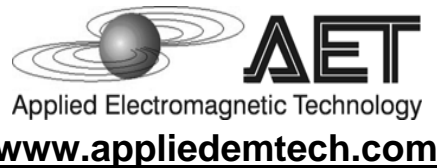
### Precision Spherical Dipole Source

- Spherical Dipole Electric field source originally developed by NIST as the industry RF standard!
- The most repeatable and accurate electric field source available on the commercial market!
- Electromagnetically-isolated, small 10 cm. diameter, predictable spherical shape!
- PSDS is Ideal for:
  - Precise, Stable, RF Emissions (NIST Traceable)
  - Ultra-repeatable Shielding Measurements
  - Complex Chamber/Site Calibration Comparisons
  - Highly Accurate RF Antenna Measurements
- PSDS Features:
  - Frequency Ranges:
    - 15 KHz to 50 MHz = Low Freq. Spherical Dipole
    - 10 MHz to 2.5 GHz = High Freq. Spherical Dipole
  - Radiating Spherical Dipole is Battery Powered
  - Sphere is Optically Isolated from Control Unit
  - Output Levels above FCC/CISPR Limits at 10 m.
  - Repeatable Settings Using Dipole Gap Voltage

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