



Laboratory Support & Test Engineer

Essential Duties:

- Performs EMC, RF, MPE and SAR measurements in RF semi and full anechoic chambers
- Creates and maintains control s/w for testing purposes using Labview or Python or other appropriate s/w. Provides instrument control software assistance
- Is responsible for the proper test-setup and calibration of engineering testing setups
- Is responsible for preparing, maintaining and upgrading the testing facilities including Chambers
- Performs verification and in-house calibrations of antennas, cables, filters, two-port devices, amplifiers, CDN's, LISN's and other RF devices
- Is responsible for maintaining the test equipment calibrated in accordance with the recommended schedule. (Communication with service providers, ship and receive equipment to and from the calibration providers and verification of the calibration services prior to placing in service)
- Generates Test and Measurement reports per industry standards
- Is responsible for installing, maintaining and upgrading instrument software and or firmware

Qualifications:

Mandatory:

- Minimum of a BS or BSEET with strong hardware and software design
- Minimum of 4-years of work experience in Test and Measurement instrumentation related to EMC and RF
- Strong work experience with Python, C++, Labview, SPICE and other instrument control and circuit analysis programs
- Very good knowledge of Analog circuits, Digital circuits, RF and microwave circuits, Power Systems
- Ability to investigate, debug, isolate and repair electrical and electronic circuits
- Proficient with office programs such as Microsoft, Adobe, etc.
- Excellent communication skills and excellent command of English
- Well organized and detailed oriented
- Good electromechanical skills
- Knowledge in the safe operation of machinery and electrical tooling

Desired:

- Experience in Safety, Analog, Optical, Sensors, and or Lighting a strong plus
- Familiar with regulatory compliance regulations is a plus
- Knowledge of NEC and UL/IEC electrical and wiring rules and practices is a plus
- Experience with ISO 17025 is a plus.