

About VPI Laboratories

Electromagnetic Compatibility (EMC) Measurement Services

Electromagnetic Compatibility

EMC measurements are required by many different government agencies throughout the world. EMC is an important compliance issue for equipment manufacturers. With the increased use of wireless communications, the potential for interference is also increasing. VPI Laboratories has fully equipped facilities; including two 10 meter open area test sites, needed to perform the EMC measurements you require. We perform EMC measurements to a wide range of international and domestic standards

EMC Pre-Compliance Testing

VPI Laboratories can perform EMC pre-compliance to reduce time to market. Through pre-compliance testing any trouble areas can be identified and addressed. Pre-compliance testing has proved over and over to be a valuable service.

Radiated and Conducted Immunity Measurements

Radiated and Conducted Immunity testing is required for the CE Mark in Europe. VPI Laboratories is building an EMC Anechoic Chamber in the Salt Lake Valley so local immunity testing will be available soon.

Radio Type Approval Testing

Testing services are provided in support of obtaining approval from the Federal Communications Commission (FCC) and Industry Canada (IC) for low-power radio transmitters and receivers. Testing services cover products which contain ZigBee, Wi-Fi and other wireless technologies. VPI Laboratories provides full testing and certification for the FCC, Industry Canada, and European Union CE Mark testing. FCC and IC Certification is through our Telecommunication Certification Body (TCB) Partner.

Testing and Certification Services

Our services include:

- Intentional and Unintentional Radiated Emissions Testing
- Immunity Testing
- Full Regulatory Certifications (FCC, CE, etc.)
- Pre-compliance Testing
- Radiated Susceptibility Testing
- Compliance Review/Planning
- ESD (Electro-static Discharge) Testing
- Safety Testing and Certification
- Commercial, Industrial, Medical, and Government/Military Testing
- Wi-Fi testing 2.4GHz & 5GHz

Radiated and Conducted Emission Measurements

Radiated Emissions and Conducted Emissions applications that are covered are FCC Part 15 Subpart B for the United States, ICES-003 for Canada, EN 55022 for Europe and AS/NZS CISPR 22 for Australia. VPI Laboratories has testing facilities for making measurements at 3 and 10 meters. Each of the sites is listed with the Federal Communications Commission (FCC) and complies with the Normalized Site Attenuation requirements given in ANSI/IEEE C63.4.

Contact Information

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