

VLAC Scope of Accreditation

Electromagnetic Compatibility (EMC)

- EMISSION**
- Radiated disturbance (including above 1GHz FCC, CISPR 11)
 - Conducted disturbance

- IMMUNITY**
- Electro Static Discharge Immunity
 - Radiated RF Electromagnetic Field Immunity
 - Power Frequency Magnetic Field Immunity
 - Electrical Fast Transient/Burst Immunity
 - Surge Immunity
 - RF Conducted Disturbances Immunity
 - Voltage dips, Short interruptions and Voltage variations Immunity

Radiated Disturbance Emission above 1GHz (CISPR 32, VCCI)

- Broadcast Receiver Immunity**
- Antenna Input Immunity
 - RF Induced voltage Immunity
 - Enclosure Radiated RF Electromagnetic Field Immunity

- Broadcast Receiver Emission**
- Radiated disturbance
 - Conducted disturbance

Harmonic in Public Low Voltage Systems

- Harmonic Current
- Voltage Fluctuations and Flicker

Vehicle - ESA (Electrical/Electronic Sub-assembly)

- Immunity to ESA
- Emission from ESA
- Immunity to Vehicle
- Emission from Vehicle

ACOUSTIC (Airborne Noise Emission)

Telecommunications Equipment Performance Test

Telecommunications Equipment Performance 1

- Transmitting Power
- Spurious
- Signal Characteristics

Telecommunications Equipment Performance 2

- Electromagnetic Field Exposure (Specific Absorption Rate)
- Electromagnetic Field Exposure (Magnetic Field Strength)

ENVIRONMENT

- International Energy Star Program
- USA Energy Star Program