

EMC SERVICES – TECHNICAL DATA

Automotive tests and measurements

- **Emission (components/modules):**
Rod antenna, ALSE, LISN, Current clamps, Stripline, TEM cell according to EN 55025 (CISPR 25), EN 55012 (CISPR 12), ECE-R10 and OEM standards: ECE-R10 and many automotive OEM specifications
- **Immunity tests (components/modules):**
ALSE, BCI-clamp, Stripline, TEM cell, direct injection method according to ISO 11452-x and OEM standards: ECE-R10 and many automotive OEM specifications
- **ESD immunity tests:**
Discharge modules: 150pF/330Ω, 330pF/330Ω, 150pF/2000Ω, 330pF/2000Ω according to ISO 10605 and OEM standards: ECE-R10 and many automotive OEM specifications

Automotive test pulses

- **Microsecond Generator for ISO pulse 1, 1a, 2 and 6**
Test voltage up to 600 V, coupling clamp ACC, ISO 7637 / DIN 40839
- **Burst Simulator for ISO pulse 3a / 3b**
Test voltage up to 1500 V, coupling clamp ACC, ISO 7637 / DIN 40839
- **Load Dump Generator for ISO pulse 5 and 7**
Test voltage up to bis 200 V, ISO 7637 / DIN 40839
- **Voltage Drop Simulator for ISO pulse 2b and 4, Jaso-Test 1, 2**
Test voltage up to 30 V, ISO 7637 / DIN 40839, Jump-start impulse, mains power failure, etc.

