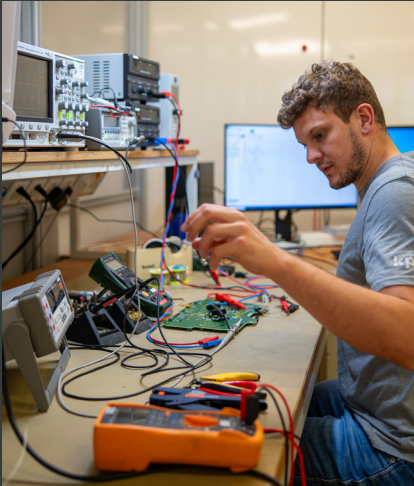


## Validation & verification

### Laboratory facilities for power electronics commissioning

Our laboratory facilities offer a wide range of measuring equipment for high and low-voltage commissioning.



- Hardware commissioning on circuit block and module level
- Hardware modification on smallest component level
- Commissioning and verification of assemblies and sub-assemblies
- Climate and humidity testing in our in-house climate chambers
- Stress test with electrical loads

### In-house EMC capabilities

Our in-house EMC chamber enables us to directly measure electromagnetic compatibility at component or system level.

- Emission
  - Antenna / radiated (20-1000 MHz)
  - Conducted (9kHz-200 MHz)
- Immunity
  - Electrostatic discharge (up to 14kV)
  - Conducted
  - Antenna irradiation / field (external)
- Mobile B2B DC power supplies for external application, e.c. ECE R10 certification
- Max. DUT size: 800 \* 800 \* 800 mm

