

# Keysight Technologies Hardware Test Center Europe - HTC

## Services



The HTC Europe is ISO/IEC 17025 accredited  
by the German Accreditation Body DAkkS



---

*“Our purpose is to provide test services, insurance of compliance and design consulting in a timely and cost-effective manner to the Keysight European businesses and to our external partners.”*

---

## Responsibility - Independence - Impartiality

The HTC is part of the Business Process & Quality function and reports into the Technology Order Fulfillment and NPI organization of Keysight Technologies Deutschland GmbH. Conformity to required standards is mandated by our Quality Policy. Independence and Impartiality are prerequisites to comply with ISO/IEC 17025 accordingly.

## Services

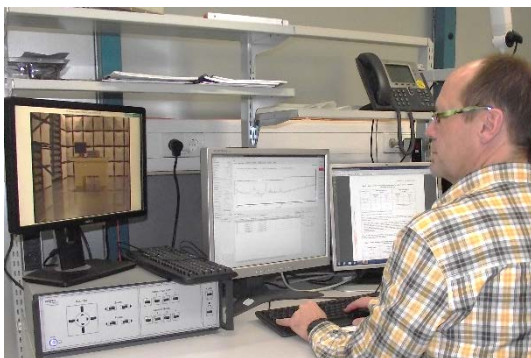
The Keysight HTC team provides key services to our business partners according to international standards and customer-specific requirements:

- Regulatory Compliance consulting
- Product Safety and EMC compliance testing and test consulting
- Environmental Reliability testing: Mechanics, Climatics and Acoustics
- ISO/IEC 17025 accredited test reports  
(reference document for worldwide proof of compliance).

Furthermore we provide the services in:

- LXI compliance
- RoHS compliance
- Thermography with IR camera.

We ensure our business partners a **“one-stop-testing & consulting”**.



*Supporting our business partners in analyzing and solving EMC issues – with expertise and high-tech tools.*

## Accredited Tests

|  |  |
|--|--|
| IEC 61010- 1, 2-010, 2-081, 2-101                                  | - Safety for Measurement, Control and Laboratory use Equipment       |
| IEC 60825- 1   | - Safety for Laser Sources   |
| IEC 61326- 1, 2-1, 2-2, 2-3, 2-6                                   | - EMC for Measurement, Control and Laboratory use Equipment          |
| IEC 60601- 1-2, 2-23, 2-25, 2-26, 2-27, 2-34, 2-37 and             | - EMC for Medical Electrical Equipment                               |
| IEC 80601- 2-30, 2-55, 2-61  |  |
| IEC 61000- 3-2, 3-3, 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11            | - EMC Emission and Immunity Test Standards                           |
| CISPR 11, CISPR 22   | - EMC Emission for ISM and IT Equipment                              |
| CISPR 24   | - EMC Immunity for IT Equipment                                      |
| IEC 61000- 6-1, 6-2, 6-3, 6-4                                      | - EMC, Generic Emission and Immunity Standards                       |
| ETSI EN 301489-1, -17  | - EMC for Radio Equipment  |
| ANSI C63.4   | - EMC for Low-voltage Equipment                                      |
| FCC Part 15B and 18  | - EMC for Radio Freq. Devices and ISM Equipment                      |
| MIL-STD-461F RE101   | - EMC for Subsystems and Equipment                                   |
| IEC 60068- 2-1, 2-2, 2-6, 2-14, 2-27, 2-30, 2-31, 2-38, 2-64, 2-78 | - Environmental Tests for Temperature, Humidity, Vibration and Shock |

## Non-Accredited Tests

|   |   |
|---|---|
| LXI Compliance                                    | - Incl. Certification of LXI Consortium     |
| ISO 3744, ISO 7779                                | - Acoustic Emission                         |
| IATA-PI 953                                       | - Packing Instructions                      |
| Power Line Quality                                | - Customer-specific Test for Power Supplies |
| Operating Magnetic Field<br>Emission and Immunity | - Customer-specific Test                    |
| Altitude  | - Customer-spec. Test (External Supplier)   |
| RoHS Compliance                                   | - X-Ray Test for contained Substances       |

## Strong Business Partnership – Center of Expertise

We serve the KEYSIGHT R&D and Manufacturing teams of the European divisions and support the worldwide Keysight Hardware Test Centers.

We serve our external business partners Agilent Technologies, Philips Medizinsysteme, Advantest, APSensing and many others.

We perform about 150 projects annually.



*Extensive shock and vibration testing reveal potentially weak mechanical designs – addressing these weaknesses leads to the reliability that our customers expect of Keysight products.*



Our business partners perceive the Hardware Test Center as “part of the team” and they benefit from our valuable advantages:

- High accessibility and availability, immediate support for hot projects
- Flexible scheduling – keeping company priorities in mind
- Compliance expertise - Highly skilled and experienced personnel
- Achieving compliance by optimized test plans - minimizing superfluous testing
- Absolute confidentiality for hot new products

*It takes years of experience to be able to conduct in-depth safety testing – ensuring the products comply with all worldwide legal product safety requirements; avoiding safety incidents in the field.*



## Customer Satisfaction

Our business partners perceive added value of our services and recognize this benefit with an excellent **overall satisfaction rating of 8.5** on a scale of 1 to 10.

© 2018; Rev. 3.1 November 2018  
<http://htc.bbn.keysight.com/>  
[ghc@Keysight.com](mailto:ghc@Keysight.com)  
Phone: +49 7031 464-4665

Keysight Technologies Deutschland GmbH  
Herrenberger Straße 130  
D-71034 Boeblingen  
GERMANY