

Wireless approval and performance test

Ensure that your wireless products and systems comply with all the regulatory requirements, standards, and specifications.



Wireless approval and performance test

Ensure that your wireless products and systems comply with all the regulatory requirements, standards, and specifications.

Is your company equipped to resolve the many regulatory and functional challenges during implementation and use of wireless technology? The individual market segments, technologies and countries often have different legal requirements for wireless products. At the same time, the functionality can be challenged by antenna design, range, blocking information and interference.

Regardless of whether it involves development or upgrading of wireless technology, FORCE Technology can help you identify the requirements and procedures that are relevant for both your product and the specific markets where the product is to be launched. FORCE Technology delivers guidance within all areas of wireless technology - from development and design over troubleshooting and security, to assessment of hardware and software.

FORCE Technology specialists help you with accredited tests and other tests. Moreover, we offer performance test of coverage, possible interference, robustness against wireless systems such as WiFi and Bluetooth, levels of electromagnetic fields, antenna design, as well as hardware and software.

As the work with wireless technology, RF design and electro-magnetism can be very complex, FORCE Technology is also happy to make our comprehensive expertise available for targeted training and coaching of your employees.

Thus, FORCE Technology's test services ensure you have a successful implementation and use of wireless technology, regardless of customer segment, geographical market, and technology used.

FORCE Technology is accredited to perform a number of regulatory tests within wireless technologies. We have some of the industry's most experienced and knowledgeable testing experts who ensure that you end up with a complete and successful result.

With FORCE Technology as your partner for testing your wireless products, you will get:

- Accredited third party testing
- Tests which are methodologically correct
- Testing conducted according to the standards that are relevant to your market
- Access to the extensive knowledge about standards, via FORCE Technology's active participation in standardisation working groups
- Expert advice on whether any adjustments are needed for the testing procedure
- The possibility to expand the testing to include other parameters

FORCE Technology's expertise include:

- Electromagnetic signals
- Digital communication
- Antennae and RF design
- Wireless product design
- Short range wireless technologies
- Wireless interference
- Authority requirements
- Wireless sensor network
- Ultra-low power design
- Electromagnetic measurements
- lot compatible technologies
- Distribution measurements
- Coverage maps
- Human exposure
- Failure analysis

SPECIFICATIONS

Mobile interference test

Gives you the possibility to quickly find out whether your product is affected by other mobile transmitters. The test takes less than an hour and will cover the receptivity of the 10 most common wireless transmitters in domestic, commercial and industrial surroundings. The test will be documented in a report. It is aimed primarily at companies that manufacture products in large numbers and/or who wish to increase the user-friendliness.

Testing of 2D or 3D antennae's radiation patterns

Provides important information on whether the design of the antennae is correct, and whether it will limit the performance of the product. An incorrectly designed antenna can reduce your product's range by a factor of 10 or more. The test will be documented in a report.

MORE INFORMATION

FORCE Technology can also assist with advice and numerous other types of tests, including EMC test and accelerated EMC test.

Contact us to find out more: tel. +45 43 25 14 50.



STRATEGIC ADVANTAGES

By using FORCE Technology's test services, you will gain a number of strategic advantages:

- Documentation that your product fulfils all the relevant legal requirements and specifications, and can be approved
- Documentation for optimal product design and high safety for the users
- Risk management by handling any technical problems as early as possible
- Fewer product complaints



INDUSTRIES

FORCE Technology offers wireless testing of both electronic and electromechanical products, within most industries, including:

- Consumer electronics
- Industrial electronics
- Medical devices and welfare
- Military and aerospace
- Marine and offshore
- Machinery and production equipment
- Technical audiology
- IT and telecom
- Automotive and transportation
- Wind and energy



FACTS

 Aarhus
Hørsholm

 FORCE Technology is an active member in the following standardisation councils related to wireless technologies:
Europe: ETSI
USA: TCBC
Canada: TCBCU

SIMILAR SERVICES

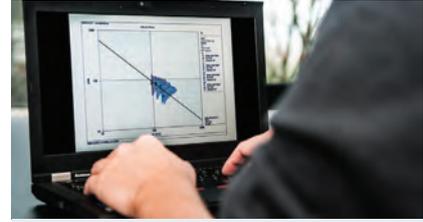
FORCE Technology offers a wide range of other test services, please see below. In addition, we can offer a customised solution where we perform tests across several parameters within a single process, according to your needs. Contact us to find out more: +45 43 25 14 50.



ACCELERATED EMC TEST



ACCELERATED ROBUSTNESS TEST



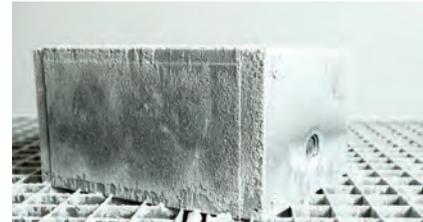
ACCELERATED RELIABILITY TEST



ACCREDITED CALIBRATION OF HUMIDITY SENSORS



ACCREDITED MECHANICAL TEST



ACCREDITED INGRESS PROTECTION (IP)



ACCREDITED CLIMATIC TEST



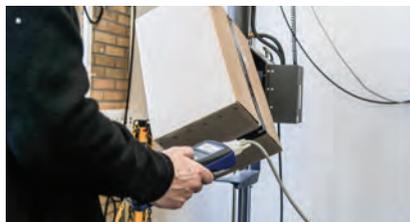
ACCREDITED EMC TEST



ADVICE ABOUT PRODUCT APPROVALS



WIRELESS APPROVAL AND PERFORMANCE TEST



ACCREDITED PACKAGING TEST



TENSILE AND FATIGUE TEST



GUIDANCE ABOUT MARKET ACCESS FOR MEDICAL DEVICES



EMC PRE-TEST: DO-IT-YOURSELF



ELECTRICAL SAFETY TEST

FORCE Technology

Headquarters
Park Allé 345
2605 Brøndby
Denmark

Tel. +45 43 25 00 00
info@forcetechnology.dk
forcetechnology.dk

FORCE Technology
Venlighedsvej 4
2970 Hørsholm
Denmark

FORCE Technology
Agro Food Park 13
8200 Aarhus N
Denmark

FORCE Technology
Nordborgvej 81, L7-514
6430 Nordborg
Denmark