

Certify Your Product's Antenna Performance

TÜV Rheinland's Over the Air (OTA) Test Certification Solutions

OTA testing measures antenna and receiver performance as well as overall device system performance of wireless devices. As wireless devices get more compact, the implementation of the antenna presents new challenges. Performance evaluation of the antenna is a key factor in the device performance, predicting reliability and functionality. OTA is required for CTIA (Cellular Telecommunications and Internet Association) certification. Many cellular carriers, regulatory bodies and standards organizations require CTIA certification.

PARTNERING WITH TÜV RHEINLAND

TÜV Rheinland is your one-stop-shop service for testing and certification of your wireless devices. Our state-of-the-art OTA chambers are capable of testing a vast selection of technologies and applications. As a CTIA Accredited test facility we are able to do quick and efficient pre-testing and official testing for certification. We are a Converged Wireless Group (CWG) accredited test lab. CWG testing details radio frequency performance in a mixed-network (Wi-Fi and Cellular) environment. Additionally we offer pre-testing, performance and compliance testing for a full scope of long and short-range protocols. Overall providing a test advantage with our comprehensive portfolio, ensuring your product has a expedited and successful launch to market.

BENEFITS AT A GLANCE

- Global reach with our test facilities in Europe, North America, and Asia.
- CTIA Accreditation.
- We work with you to create a detailed test plan specific to your product while also minimizing time to market.
- Conformity to international standards.
- · Greater market acess.
- Compliance with local government and legal requirements.
- Support from global expert consultants throughout project cycle.

SERVICES OFFERED

- GSM/GPRS/E-GPRS
- CDMA2000/1xRTT/EvDo
- UMTS/HSDPA+
- (A) GPS
- LTE/LTE CA/LTE MiMo
- A-GPS
- CWG
- MIMO technologies
- Bluetooth
- Wi-Fi
- ZigBee
- SigFox
- LORA

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