

KYRIO ANECHOIC CHAMBER

Fact Sheet

RF Anechoic Chamber Test Equipment Capabilities

Kyrio's OTA performance test system analyzes and optimizes radiated device performance and validates conformance with industry, network operator and internal company requirements.

Specifically, an OTA test system verifies antenna patterns and transmitter/receiver chain wireless system performance—for example, total radiated power (TRP) and total isotropic sensitivity (TIS), respectively. These measurements follow detailed test plans and setup procedures published by industry organizations such as CTIA.

Kyrio's OTA Rohde & Schwarz performance test system is equipped with

- OTA performance measurement capabilities
- Kyrio's American Association for Laboratory Accreditation (A2LA) and CTIA-certified wireless lab
- Support for wireless and cellular technologies

RF Anechoic Chamber Tests

Kyrio is equipped to perform a variety of tests that are crucial for determining whether antennas will perform as expected. As many IoT and M2M devices become more compact, the potential for interference and degradation increase. In addition to power measurements, OTA testing can perform sensitivity measurements to illustrate how internal components affect the RF radio's performance. This lets you see issues that may arise during normal operation.

For more information about how we can address your custom testing needs and for questions about pricing, please get in touch with our experts.

Visit us at www.kyrio.com or email us at info@kyrio.com

KYRIO™

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KYRIO CAN PERFORM THE FOLLOWING TESTS IN THE ANECHOIC CHAMBER:

- ✓ TOTAL RADIATED POWER (TRP)
- ✓ COEXISTENCE MEASUREMENTS
- ✓ TOTAL ISOTROPIC SENSITIVITY (TIS, PER CTIA)
- ✓ PASSIVE ANTENNA MEASUREMENTS/EFFICIENCY
- ✓ RADIATED SENSITIVITY ON INTERMEDIATE CHANNELS (RSIC)
- ✓ SIGNALING VS. NON-SIGNALING MEASUREMENTS

AS WELL AS, CUSTOMIZED TESTING FOR YOUR SPECIFIC NEEDS

Certification Testing Offered

CableLabs DOCSIS®
Certification Testing

CableLabs®

Wireless Broadband Alliance Carrier
Wireless Services Certification (CWSC)
Testing

 **Wireless**
Broadband Alliance

Open Connectivity Foundation (OCF)
Certification Testing

 **OPEN** CONNECTIVITY
FOUNDATION™

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