



BLUETOOTH® QUALIFICATION QUALIFY WITH CONFIDENCE

THE CHALLENGE

Bluetooth, an IEEE 802.15 based short range technology, has been developed and widely used in personal handsets, laptops, handheld devices and multimedia devices. Bluetooth SIG (Special Interest Group) founded in 1998, oversees development of the specification, manages the qualification program, and protects the trademarks.

There are many Bluetooth specifications from version 2.0 up to 5.x (including Bluetooth Low Energy, Bluetooth Smart and Bluetooth Ready). Regulatory testing is clear; however, conformance and Interoperability testing is essential to validate that your Bluetooth enabled device will work/pair with other Bluetooth enabled devices.

Bluetooth® enabled consumer, automotive and medical products must comply with Bluetooth SIG requirements to obtain and use the Bluetooth Mark and Bluetooth technology.



**BUREAU
VERITAS**

Move Forward with Confidence

OUR SOLUTION

SCALE & SPEED

With Bluetooth Qualification Test Facilities (BQTF)s in USA, Germany, China, Taiwan and Japan as well as Bluetooth Qualification Consultants (BQCs), Bureau Veritas can support your qualification needs quickly, from anywhere in the globe. Bureau Veritas offers qualification services from 2.0 up to 5.1 including Low Energy, as well as certification for CTIA Bluetooth Compatibility.

FAST MARKET ACCESS

With our additional safety, regulatory and market access service offering, we can streamline and accelerate your time to market with one point of contact for any industry with confidence

MORE THAN A TEST HOUSE

While we do cover all core specifications, we are also the developer of the Interlab® Test Solution Bluetooth RF, a leading test solution for Bluetooth Qualification used in many BQTF's worldwide.

TECHNICAL SPECIALISTS

Our accredited, high-tech laboratories are continuously updated in accordance with the latest Bluetooth testing requirements for modules and Bluetooth technology enabled products.

SERVICE OFFERING

- **Bluetooth SIG Qualification:**
 - Bluetooth RF testing – Basic Rate, EDR, Enhanced Power Control, Bluetooth Low Energy, Bluetooth Smart, Bluetooth Ready, Bluetooth 5
 - Bluetooth Protocol testing
 - Bluetooth Profile interoperability testing
- **Bluetooth Compatibility Certification Program (CTIA):** for CTIA certification of Bluetooth enabled mobile phones, headsets and car kits
- **Bluetooth interoperability testing:** for car manufacturers - testing of devices using Bluetooth Air-Interface links.
- **BQC and project management services:**
 - Bluetooth project concept and listing strategies, definition and optimization in conjunction with your upcoming Bluetooth products
 - Definition of re-testing requirements for all available product types (e.g. integration of Bluetooth wireless technology in your end-product)
 - Test project handling in Bureau Veritas BQTFs
 - Preparation and upload of test declaration
 - Assessment of the compliance folder
 - Advisory in case of product changes

BLUETOOTH IN ACTION



OUR VALUE

- **Network:** Strong Americas Footprint & Global Network
- **Scale:** 1,000+ highly skilled personnel | 400+ test environments worldwide. 200 personnel in USA.
- **Reputation:** 100+ accreditations / recognitions | Competent in all key wireless technologies & regulatory requirements for 200+ territories
- **Segment Leadership:** Address all key technology markets (Electrical/Electronics, Automotive & Wireless) with active participation in all key technical / industry working groups
- **Complete Service:** Conformance, Performance and Regulatory, Smart Payment & Cybersecurity. Fast Access to 200 Countries/Territories