



**Bay Area
Compliance
Laboratories
Corp.**

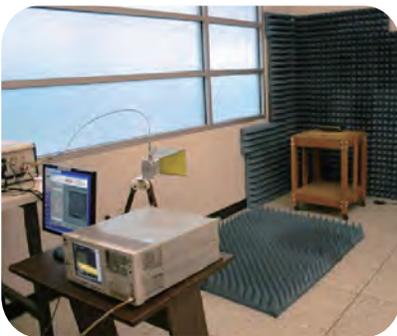
**International Testing Laboratory
Worldwide Certification Body**



EMC Testing

BACL has superior capabilities in Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC) testing. We have several 10-meter and 5-meter custom-designed, semi-anechoic chambers with measurement capabilities from 9 kHz to 40 GHz for the purpose of performing RF measurements in order to better serve our clients in a fast and reliable manner.

BACL is fully capable of performing EMC/EMI testing for the USA (FCC), Canada (Innovation Science and Economic Development Canada), the European Union (RED and EMC Directives), Australia (ACMA), New Zealand, Japan (VCCI), Taiwan (BSMI and NCC), Korea (MIC), and many other countries and regions.



Wireless Testing

Our wireless device testing capabilities cover frequencies up to 325 GHz in the following countries, regions, and standards:

- USA – FCC licensed and unlicensed devices
- Canada – Industry Canada RSS series and BETS series
- European Union – RED Radio Equipment Directive
- Australia / New Zealand – AS/NZS standards
- Taiwan – Wireless devices under DGT LP0002
- Hong Kong – OFCA wireless devices
- South Korea – MIC/RRA
- Singapore – IMDA wireless devices
- Japan – MIC
- Vietnam – MIC



In addition to the above, BACL specializes in both DFS testing and the entire range of SAR measurements from 150 MHz to 6 GHz including WiMax, Wi-Fi, Bluetooth, Cellular, GSM, PCS, VHF, UHF, FRS, and GMRS.



For the SAR testing needs of our clients, BACL offers the services of an extremely formidable, high-end SPEAG DASY6, which is equipped with a new robotic system and controller, new phantoms, new measurement probes, new calibration dipoles, and the latest testing software.

BACL has been an industrial leader for DFS—Dynamic Frequency Selection—testing on a variety of WLAN devices, with the latest upgraded Radar Generator testing system according to the current FCC, EU, and Japan standards for many notable technology companies.

Our extensive experience with US, Canadian, European, and many more international compliance requirements can only assure our customers that we can help them in obtaining their compliance approvals for the global market in an efficient and cost-effective way.



Telecommunications

BACL provides a comprehensive set of telecommunications testing services per USA's Part 68, TIA/EIA/IS-968, the European Union TBRs, Canada's CS-03, RCM, Singapore's IMDA, Hong Kong's OFCA, and Japan's JATE.



Product Safety Testing and FDA Testing

BACL is recognized by OSHA under the National Recognized Test Laboratory Program (NRTL) for performing Product Safety Certification to the requirements of UL 60950-1. BACL also tests and evaluates products conformity in accordance with many other safety standards, such as UL 61010-1, UL60601, UL1993, UL935, etc. and the IEC and EN equivalents including the new IEC 62368-1 Standard to meet customers' market needs.

BACL has also provided FDA testing to the IEC 6060-1-1-2 EMC Standard and submissions for X-ray radiation products, lasers, and microwave ovens for many years. We have helped many manufacturers bring their products to the American market successfully.

BACL specializes in the areas of Information Technology Equipment, Telecommunication Terminal Equipment, Industrial Equipment, Medical Equipment, Scientific Equipment, Audio and Video Devices, Power Systems and Supplies, Self-Ballasted Lamps, Lamp Adapters, and more.





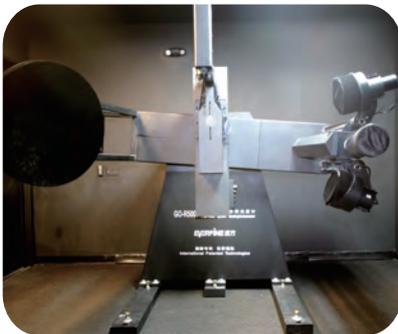
NEBS (Network Equipment Building System) Testing

BACL has many years of experience in Telcordia industry standards that were set up to minimize the risk of telephone service interruptions resulting from electromagnetic interference.

BACL tests NEBS equipment to the Telcordia GR-1089 standard to ensure compatibility with other electronic equipment for electromagnetic radiation and susceptibility, grounding, and electrical power connections.

BACL is also an Independent Testing Laboratory (ITL) under the Verizon NEBS Testing Certification program (NEBS-TCP) with the scope of GR-1089 AND GR-63.

BACL's thorough knowledge of Telcordia standards ensures that NEBS equipment operates reliably and efficiently, and helps companies' access local exchange carriers.



ENERGY STAR® Program

BACL was among the first laboratories in the world to obtain status as both an EPA-Recognized Energy Star® Testing Laboratory and Certification Body. BACL has one of the largest goniophotometers in the USA to support its Energy Star® testing requirements. Our scope covers a wide range of products, including Lamps, Luminaires, Computers, and Computer Servers and Electric Vehicle Supply Equipment.



California Energy Commission (CEC)

BACL is testing laboratory and Third Party Certifier approved by the California Energy Commission (CEC) for a wide range of products, including lighting and battery charging systems.

The expansion of our energy efficiency testing programs proves to be a strong example that we focus on providing one-stop service to satisfy clients' testing requirements in all areas.



International Testing and Approval

One of our strengths is our ability to assist you in obtaining approvals for worldwide markets. Our solid relationships with in-country approval agencies allow us to handle in-country approvals in an efficient and cost-effective manner for Brazil, Argentina, Mexico, India, Indonesia, South Korea, Malaysia, Thailand, and China. Our thorough knowledge of regulatory compliance, along with our in-depth handling experience with international approval management, will ensure a smooth and quick entry for your devices into the international market.

Certification Services

BACL is a Telecommunication Certification Body (TCB) for the FCC, authorized to certify all categories of devices- including scopes A1, A2, A3, and A4 for unlicensed radio frequency devices, scopes B1, B2, B3, and B4 for licensed radio service equipment, and scope C1 for telephone terminal equipment. As an Industry Canada Foreign Certification Body (ISED/CFB), BACL can certify to all the RSS radio standards and BETS broadcasting technical standards.

BACL has been designated as an EU Conformity Assessment Body (CAB)—with CAB number 1313—per a Mutual Recognition Agreement between the EU and the USA. As a CAB, BACL can review Technical Documentation and Supporting Evidence for the adequacy of the technical design solution, and issue an EU-Type Examination certificate under the Radio Equipment and EMC Directive.

In addition, BACL is a Product Certification Body for IMDA (Singapore), OFCA (Hong Kong), and MIC (Japan) for all Radio Communication Equipment.



BACL Locations



About Bay Area Compliance Laboratories Corp. (BACL)

BACL was established in 1996 in Sunnyvale, California, home of the Silicon Valley- a strategic hub to many large high-tech companies and the most advanced incubator for start-ups in the world. As a testing, certification, and regulatory management firm, BACL enjoys a reputation in providing superior services in the areas of Electromagnetic Compatibility (EMC), Product Safety, Radio Communications, Telecommunications, and Energy Efficient Lighting Products for most international markets.

Our engineering team has in-depth experience with regulatory compliance testing and certification for both domestic and international agencies and standards. Our professionally-trained account executives, technical writers, and program managers respond to customers' needs promptly, provide detailed information, and guide the customer throughout the entire process. Our company's vision and the dedication of our staff results in continued facility improvements, enhanced testing capabilities, and—most importantly—satisfied customers!

The BACL team and its facilities are ready to serve your regulatory, compliance testing, and certification-based needs.

CONTACT US

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