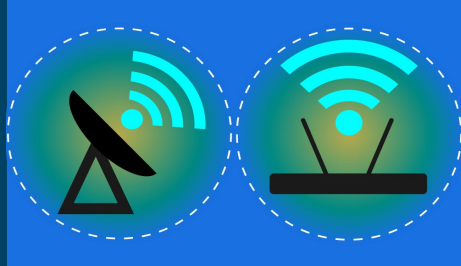


# WIRELESS/RADIO TESTING AND CERTIFICATION

All electronic devices equipped with [wireless and radio](#) technology must be tested and certified to ensure a safe and effective use of the frequency spectrum for each country where the product will operate. The wireless and radio equipment must also satisfy the technical requirements in accordance with the provisions of the Radiocommunications Act and the wireless/radio standards of each country.



## STEP GET YOUR RADIO AND WIRELESS PRODUCT READY FOR MARKET

01

- Your new wireless radio product has the potential to transmit wirelessly.
- You want to find out if it complies with regulations to access your target market.



## STEP CONTACT QAI ELECTROMAGNETIC COMPATIBILITY DEPARTMENT

02

QAI Laboratories is an accredited Telecommunication Certification Body for FCC (US) and a designated Certification Body for ISED (Canada).

You will get a response from QAI in less than 24 hours. We will discuss with you:

- Information about the wireless/radio device.
- Applicable standards & compliance requirements for the intended market.
- A plan is tailored to your certification process, including the timeline, testing & filing requirements.

## STEP TESTING BEGINS

3.1

- A test plan is prepared.
- Your samples are received at one of QAI's EMC testing facilities.
- Testing can be witnessed, or our test engineer can handle the whole testing process.

## STEP FILING PACKAGE

3.2

- You will receive a filing package.
- You will provide all the information as outlined in the filing package.
- QAI reviews and supports you through the process.



## STEP QAI WILL DO THE FILING THROUGH OUR TCB AND CB

04

- Your project engineer will submit all the filing documents including the test report.
- Since there are quite a few documents that need to be completed for filing with FCC and ISED, we will make sure everything runs efficiently so your product gets to the market quickly.



## STEP YOUR PRODUCT RECEIVES CERTIFICATION

05

Each radio device must be labelled with the FCC ID for the US and the ISED IC certification number for Canada. After completing testing and filing the associated documents successfully, our TCB will review the test documentation and issue you certification on behalf of FCC and ISED. Once the TCB/CB uploads your information to the FCC/ISED database, the FCC and or ISED will list your product on its approved list. The TCB/CB will send you a Grant of Equipment Authorization, which allows you to legally market and sell your product in the U.S and Canada. Now your product is ready for the market.

## ABOUT QAI

Founded in 1995, QAI is an independent 3rd party testing, inspection and certification agency that has established an international reputation for offering flexible solutions and unparalleled client experience.

With multiple locations and a wide scope of accreditation, we can provide a full suite of compliance services that are recognized by Authorities Having Jurisdiction (AHJ) in various markets.

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