



SRRC

A Quick Guide to China SRRC Radio Approvals

The Basics

For China radio certifications, all testing must be performed in an approved laboratory.

American Certification Body can manage all aspects of the device approval. As for other radio testing regimes, we must have samples that will operate at all required frequencies, modulations, bandwidths and power levels.

The exact price, lead time and sample requirements depend on the device to be certified, however the following general items apply to each project.

Typical Test Time: 2 weeks if samples pass all tests.

Typical Certification Processing Time: 4 weeks after successful test and receipt of all necessary documents.

Samples: 3 sets are mandatory and an additional spare is recommended (note that **modular certifications** are not allowed. Certification is for end-use product). Each model number must be tested and certified even if devices are nearly identical.

Documentation Required

1. Application form
2. Business license of the applicant
3. ISO Certificate of the manufacturer
4. Company overview
5. Schematics
6. Block diagram
7. Technical specification and operational description
8. Antenna Gain and RF transmit cable loss (if cable is used to connect final RF output to antenna)
9. Channel Number
10. Data rates
11. External Photos
12. Internal photos
13. Label and Label location
14. User's Manual
15. Trademark registration attestation is needed, if applicable
16. CE, FCC or IC report and certificate, if available

Sample Preparation

Deliver the sample to the following address:

American Certification Body
Room 1906, No. 7, Jin Qiu Jia Yuan, Luo Zhuang East Road
Hai Dian District, Beijing.
北京市海淀区罗庄东里锦秋家园 7 号楼 1906

Recipient: Cucy
Telephone: 13810092362

Provide means to measure RF Output Power at the final output stage (at antenna feed point).

Connector required on sample: SMA

(FYI, in the final product, if the output connector is accessible to the end-user, it must not have a standard off-the-shelf antenna connector)

Operating the Sample

A method of operating and controlling the radio is required, including all necessary software and communications accessories (cables, computer, etc.).

Test must be available for the following modes:

1. Continuous transmit
2. All available channels
3. All available data rates
4. CW (continuous wave, non-modulated) operation
 - a. For output power and frequency stability testing
5. All modulations available

Test Parameters:

1. Conducted Maximum Output Power
2. EIRP
3. Maximum Output Power Spectral Density
4. Frequency Range
5. Occupied Bandwidth
6. Frequency Stability/Tolerance
7. Radiated Spurious Emission