FCC § 87.147 Authorization of equipment,
“an applicant for certification of equipment intended for transmission in any of the frequency bands listed in paragraph (d)(3) of this section must notify the FAA of the filing of a certification application.”

Two Phases
• Testing and development phase (frequency assignment for testing)
• Final operational phase (equipment ready to be sold to the public)
(note: these are two different types of request and manufacture need to understands the difference)
FCF & FCC equipment certification review process

1. Questions and determination phase
   - Does it meet TSO?
   - If TSO authorization is required

2. Provide a concurrence or non-concurrence letter

3. Optional Experimental Licensing

- TCB
- FAA Spectrum office
- FAA Systems and equipment standards branch FAA AIR-6B0

- Does it meet TSO?
Optional Experimental Licensing:  Manufacture has the option or if under direction of the FAA, to do a field evaluation/trial under FCC rules Sections 2.803 and 2.805 prior to an authorization by applying for an FCC Experimental License at https://apps.fcc.gov/oetcf/els/index.cfm

FCC Certification cannot be authorized until the manufacture receives the FAA’s Notification-to-Proceed:

1. Manufacture first submits to FAA Spectrum Office for FAA determination.
2. FAA Provides manufacture with either an FAA’s Notification-to-Proceed with FCC Certification or correction actions are required letter.
3. If notification is to proceed then:
   • Manufacture must provide the FAA’s Notification-to-Proceed to the TCB to be included with the FCC filling as a public record.
   • TCB cannot Grant the Certification without FAA’s Notification-to-Proceed.
FAA & FCC Support

FAA Electronics Engineer
Jae Shin, AJW-1C3
Email: jae.w.shin@faa.gov
Office: 202-267-7365
FAA, Office of Spectrum Policy and Management, (7th Floor, Building 10A)
800 Independence Ave., SW.
Washington, DC 20591

FCC Equipment authorization questions can be submitted at http://www.fcc.gov/labhelp/

FCC Experimental License under Anthony Serafini anthony.serafini@fcc.gov (202) 418-2456.