

Equipment Authorization Procedures

CERTIFICATION (47 CFR Section 2.907)

Certification is the most rigorous approval process for RF Devices with the greatest potential to cause harmful interference to radio services. It is an equipment authorization issued by an FCC-recognized Telecommunication Certification Body (TCB) based on an evaluation of the supporting documentation and test data submitted by the responsible party (e.g., the manufacturer or importer) to the TCB. Testing is performed by an FCC-recognized accredited testing laboratory. Information including the technical parameters and descriptive information for all certified equipment is posted on a Commission-maintained public database. In addition, equipment subject to approval using the Supplier's Declaration of Conformity (SDoC) procedure can optionally use the Certification procedure.

SUPPLIER'S DECLARATION OF CONFORMITY (47 CFR Section 2.906)

Supplier's Declaration of Conformity (DoC) is a procedure that requires the party responsible for compliance ensure that the equipment complies with the appropriate technical standards. The responsible party, who must be located in the United States, is not required to file an equipment authorization application with the Commission or a TCB. Equipment authorized under the SDoC procedure is not listed in a Commission database. However, the responsible party or any other party marketing the equipment must provide a test report and other information demonstrating compliance with the rules upon request by the Commission. The responsible party has the option to use the certification procedure in place of the SDoC procedure.

ONE OR BOTH PROCEDURES

The procedure that is applicable for equipment authorization, depends on the applicable FCC rule part(s) that apply to the radio frequency functions. Except when otherwise stated in a rule, an intentional radiator (transmitter) is required to be approved using the certification procedure. Unintentional radiators (digital circuitry) are approved using the SDoC procedure. Today for example, devices such as mobile phones; wireless local area networking equipment, notebook computers, and tablet computers are a combination of radio transmitters requiring approval using the certification procedure and unintentional digital circuitry requiring use of the SDoC procedure.

Equipment that consists of only a radio transmitter (not a transceiver) – such as remote control transmitters; land mobile radio transmitters and wireless medical telemetry transmitters – are required to be approved using the certification procedure.

Equipment that only contains digital circuitry (does not contain a radio transmitter) – such as computer peripherals, microwave ovens consumer ISM equipment, switching power supplies, LED light bulbs, radio receivers and TV interface devices – are subject to approval using the SDoC procedure or may optionally use the certification procedure.

TRANSITION PERIOD

Radio frequency devices that would have been considered eligible for authorization under either the verification or Declaration of Conformity procedures that were in effect prior to November 2, 2017 may continue to be authorized until November 2, 2018 under the appropriate procedure in accordance with the requirements that were in effect immediately prior to November 2, 2017. For a copy of the 2016 rules that specified the verification and Declaration of Conformity procedures see: <https://www.govinfo.gov/app/collection/cfr/2016/title47/chapter1> (<https://www.govinfo.gov/app/collection/cfr/2016/title47/chapter1>)

Bureau/Office:

[Engineering & Technology \(https://www.fcc.gov/engineering-%26-technology\)](https://www.fcc.gov/engineering-%26-technology)

Tags:

[Devices, Engineering & Technology \(/tags/devices-engineering-technology\)](#)