



**Federal Communications Commission  
Office of Engineering and Technology  
Laboratory Division**

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**SUPPLIER'S DECLARATION OF CONFORMITY GUIDANCE**

**1. INTRODUCTION**

Supplier's Declaration of Conformity (SDoC) is an FCC equipment authorization procedure that requires the party responsible for compliance to ensure that the equipment complies with the appropriate technical standards.<sup>1</sup> The responsible party is not required to file an equipment authorization application with the Commission or a TCB; therefore, equipment approved under the SDoC procedure is not listed in any Commission database. However, the responsible party must provide a test report and other information demonstrating compliance with the rules upon request by the Commission.<sup>2</sup> For any equipment subject to the SDoC procedure (see Clause 2, Appendix B, and Appendix C), the certification equipment authorization procedure may be used in place of the SDoC procedure at the option of the responsible party.<sup>3</sup>

The key FCC rule sections for SDoC are:

- Section 2.906 Supplier's Declaration of Conformity
- Section 2.909 Responsible party
- Section 2.931 Responsibilities
- Section 2.938 Retention of records
- Section 2.1072 Limitation on Supplier's Declaration of Conformity
- Section 2.1074 Identification
- Section 2.1077 Compliance information

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<sup>1</sup> The Commission has two equipment authorization procedures: (1) Supplier's Declaration of Conformity (SDoC); and (2) certification. Certification is an equipment authorization, using a third-party FCC-recognized Telecommunication Certification Body (TCB), based on an evaluation of supporting documentation and test data contained in an application submitted by the responsible party (*e.g.*, the manufacturer or importer) to the TCB. Compliance testing for certification is performed by an FCC-recognized accredited testing laboratory. Technical parameters and descriptive information for all certified equipment is posted on a Commission-maintained public database (<https://www.fcc.gov/oet/ea/fccid>). See 47 CFR §§ 2.907 *et seq.*

<sup>2</sup> See 47 CFR § 2.938(b) Retention of records.

<sup>3</sup> See 47 CFR § 2.906(c). Any device subject to SDoC may instead be approved by certification (which is a more rigorous equipment authorization procedure than SDoC) at the option of the responsible party.

## 2. EQUIPMENT SUBJECT TO SUPPLIER'S DECLARATION OF CONFORMITY

Equipment that does not contain a radio transmitter and contains only digital circuitry – such as computer peripherals, microwave ovens, ISM equipment, switching power supplies, LED light bulbs, radio receivers, and TV interface devices – is subject to approval using the SDoC procedure with an option to use the certification procedures.<sup>4</sup>

For equipment that contains both unintentional radiators (*e.g.*, digital logic circuitry)<sup>5</sup> and intentional radiators within an end product (composite system equipment),<sup>6</sup> the unintentional radiator portion generally can be authorized under either SDoC or certification while the intentional radiator (*e.g.*, radio transmitter) contained in the equipment is typically required to be certified.<sup>7</sup>

Where a responsible party optionally chooses to certify the equipment subject to SDoC, as allowed by Section 2.906(c), Appendix B provides further information for the use of equipment class codes with applications for certification.

## 3. RESPONSIBLE PARTY FOR SDOC

The responsible party is typically one of the following: the manufacturer, the assembler (if the equipment is assembled from individual component parts), or the importer (if the equipment is imported).<sup>8</sup> This party is responsible for the compliance of the equipment with the applicable standards and must maintain a United States presence. A retailer or original equipment manufacturer (OEM) located in the United States may enter into an agreement with the responsible party (manufacturer, assembler, or importer) to assume the liabilities of guaranteeing compliance of the equipment and to become the new responsible party for the purposes of the Commission's rules.<sup>9</sup> In all cases, the compliance information provided with the equipment must identify the responsible party by name, United States-based address, and telephone number or internet contact information.

Although supporting records are not required to be maintained within the United States, the responsible party, located within the United States, is required to be able to provide any compliance information, such as test reports and equipment samples at no cost to the FCC, when requested by the Commission.

In determining compliance for devices subject to SDoC, the responsible party warrants that each unit of equipment marketed under an SDoC will be identical to the unit tested and found acceptable with the standards, and that the records maintained by the responsible party continue to reflect the equipment being produced under the SDoC within the variation that can be expected due to quantity production and testing on a statistical basis.<sup>10</sup>

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<sup>4</sup> See 47 CFR §§ 15.101 and 18.203.

<sup>5</sup> See 47 CFR §§ 15.3(z) and 15.101.

<sup>6</sup> See 47 CFR §§ 2.947(f) and 15.31(k).

<sup>7</sup> See 47 CFR §§ 15.3(o), 15.101, 15.201. Some unintentional radiators do require certification, such as Scanning Receivers, Radar Detectors, and Access Broadband over Power Line (Access BPL) equipment.

<sup>8</sup> See 47 CFR §§ 2.1203 and 2.1204. Section 2.1203 requires that no radio frequency device may be imported into the United States unless the importer or ultimate consignee, or their designated broker, determines that the device meets one or more of the conditions for entry set out in Section 2.1204.

<sup>9</sup> See 47 CFR § 2.909.

<sup>10</sup> See 47 CFR § 2.931.

#### **4. TESTING LABORATORY**

For equipment authorized using the SDoC procedure, it is not necessary to perform the testing at an FCC-recognized accredited testing laboratory (although the responsible party may use an accredited testing laboratory if it wishes to do so). The testing laboratory that is used must maintain a description of the test facility, as required by Section 2.948(b). The description of the test facility does not need to be submitted to the FCC, unless requested.

Test reports must be signed by a representative of the responsible party with the authority to act on behalf of the responsible party. It is not necessary for the representative that signs the test report to be located in the United States.

#### **5. LABELING**

Devices subject to SDoC are required to be uniquely identified by the responsible party prior to importing the equipment into or marketing it in the United States. The label shall not be of a format that could be confused with the FCC Identifier required on certified equipment.<sup>11</sup> The responsible party is required to maintain adequate identification records to facilitate positive identification for each device.<sup>12</sup> See KDB Publication 784748 for labeling guidance.

Devices subject to authorization under SDoC can be labeled with the following FCC logo on a voluntary basis. However, use of the FCC logo is limited to products that fully comply with the SDoC procedures.



<https://www.ecfr.gov/graphics/pdfs/er02no17.002.pdf>

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<sup>11</sup> The FCC Identifier (FCC ID) requirements for certified equipment are given in Sections 2.925 and 2.926.

<sup>12</sup> See 47 CFR § 2.1074(a).

(continued...)

## 6. COMPLIANCE INFORMATION

### 6.1 Basic compliance information statement

For products using SDoC, in addition to the labeling described in Clause 5, a compliance information statement shall be supplied with the product at the time of marketing or importation, containing the following information:<sup>13</sup>

- a) Identification of the product, *e.g.*, name and model number;
- b) A statement that the product complies with the rules;<sup>14</sup> and
- c) The identification, by name, address, and telephone number, or internet contact information, of the responsible party as defined in Section 2.909. The responsible party must be located within the United States.

For illustration purposes, Appendix A shows an example compliance information statement.

### 6.2 Compliance information statement for end products assembled from separately authorized components

The following applies to end products:<sup>15</sup> (1) assembled from components (*e.g.*, enclosures, power supplies, and CPU boards) that, by themselves, are authorized under SDoC or a grant of certification or both; and (2) where the assembled product is also subject to authorization under SDoC but, in accordance with the applicable regulations, does not require additional testing. Such products shall be supplied, at the time of importation or marketing, with a compliance information statement containing the following information.<sup>16</sup>

- a) Identification of the assembled product, *e.g.*, name and model number.
- b) Identification of the authorized components used in the assembly. A component authorized under SDoC shall be identified as specified in Section 2.1077(a)(1).<sup>17</sup> A component authorized under a grant of certification shall be identified by name and model number (if applicable) along with the FCC Identifier number, as specified in Sections 2.925 and 15.212.<sup>18</sup>
- c) A statement that the product complies with the rules.<sup>19</sup>

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<sup>13</sup> See 47 CFR § 2.1077(a).

<sup>14</sup> The statement specified in Section 15.19(a)(3) (for devices subject to Part 15 rules) and the statement specified in Section 18.212 (for devices subject to Part 18) will satisfy this rule compliance statement requirement.

<sup>15</sup> See 47 CFR § 2.1(c). *End Product*. A completed electronic device that has received all requisite FCC approvals and is suitable for marketing.

<sup>16</sup> See 47 CFR § 2.1077(b).

<sup>17</sup> See 47 CFR § 2.1077(a)(1).

<sup>18</sup> See 47 CFR §§ 2.925 and 15.212.

<sup>19</sup> See note 14, *supra*.

(continued...)

- d) The identification, by name, address, and telephone number, or internet contact information, of the responsible party who assembled the product from modular components, as defined in Section 2.909. The responsible party for an SDoC must be located within the United States.
- e) Copies of the compliance information statements for each authorized component used in the system that is authorized under SDoC.

### **6.3 Placement of compliance information statement**

The compliance information statement shall be included with each device in the user's manual or as a separate sheet. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form. The information may be provided electronically as permitted in Section 2.935.<sup>20</sup>

## **7. APPENDICES: GUIDES FOR VARIOUS RULES CONTAINING EQUIPMENT SDOC REQUIREMENTS<sup>21</sup>**

- a) Appendix A - Example of information to be supplied with the product at the time of marketing or importation for meeting the Section 2.1077 FCC SDoC requirement.
- b) Appendix B - Part 15B unintentional radiators equipment authorization requirements.
- c) Appendix C - Rule parts other than Part 15 containing equipment SDoC requirements.

### **Change Notice**

**07/02/2018:** 896810 D01 SDoC v01r01 replaces 896810 D01 SDoC v01. APPENDIX A was changed for clarification of responsible party for compliance to Section 2.1077 compliance information.

**12/20/2019:** 896810 D01 SDoC v02 replaces 896810 D01 SDoC v01r01. APPENDIX C added with listing of various rules parts containing SDoC requirements other than Part 15. Citation to composite device rule section added in Clause 2.

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<sup>20</sup> See 47 CFR §§ 2.1077(c) and 2.935, and KDB Publication 784748 D02 Electronic Labeling Guidance.

<sup>21</sup> Appendix B and Appendix C are not intended to be comprehensive lists of all rules and equipment types where SDoC may be used.

## APPENDIX A

### EXAMPLE OF SUPPLIER'S DECLARATION OF CONFORMITY COMPLIANCE INFORMATION STATEMENT INCLUDED WITH AN END PRODUCT AT THE TIME OF MARKETING OR IMPORTATION<sup>22</sup>

*NOTE: The Commission does not have a required SDoC format. This is an example only and is provided to illustrate the type of information that may be supplied with the product at the time of marketing or importation for meeting the FCC SDoC requirement Section 2.1077 compliance information.*

**Supplier's Declaration of Conformity  
47 CFR § 2.1077 Compliance Information**

**Unique Identifier:** (e.g., Trade Name, Model Number)

**Responsible Party – U.S. Contact Information**

ABC Corporation  
Street Address  
City, State  
Zip Code

Telephone number or internet contact information

**FCC Compliance Statement** (e.g., products subject to Part 15)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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<sup>22</sup> See 47 CFR § 2.1077.

## APPENDIX B

### PART 15B UNINTENTIONAL RADIATORS EQUIPMENT AUTHORIZATION REQUIREMENTS

The following repeats the information from Table 1 of Section 15.101(a), and with an added column for appropriate equipment authorization system (EAS) equipment class for use for certification application filings per Section 2.911. NOTE—Equipment class is applicable only when a device is certified, but not when using SDoC.

Type of device	Equipment Authorization required	Equipment Class (when device is certified)
TV Broadcast Receiver	SDoC or Certification.	CXX -Communications Receiver for use w/ licensed Tx and CBs
FM Broadcast Receiver	SDoC or Certification.	CXX -Communications Receiver for use w/ licensed Tx and CBs
CB Receiver	SDoC or Certification.	CXX -Communications Receiver for use w/ licensed Tx and CBs
Superregenerative Receiver	SDoC or Certification.	CRR - Superregenerative Receiver
Scanning Receiver	Certification.	CSR - Scanning Receiver
Radar Detector	Certification.	CRD - Part 15 Radar Detector
All other receivers subject to Part 15	SDoC or Certification.	CXX (receiver used with licensed transmitter) or CYY (receiver used with unlicensed transmitter).
TV Interface Device	SDoC or Certification.	HID - Part 15 TV Interface Device
Cable System Terminal Device	SDoC or Certification.	CST - Cable System Terminal Device
Stand-alone Cable input selector switch	SDoC or Certification.	CST - Other non-digital SDoC Devices
Class B personal computers and peripherals	SDoC or Certification.	JBC - Part 15 Class B Computing Devices/Personal Computer JBP -Part 15 Class Be Computing Device Peripheral
CPU boards and internal power supplies used with Class B personal computers	SDoC or Certification.	JBP -Part 15 Class Be Computing Device Peripheral
Class B personal computers assembled using authorized CPU boards or power supplies	SDoC or Certification.	JBC - Part 15 Class B Computing Devices/Personal Computer
Class B external switching power supplies	SDoC or Certification.	JAB - Part 15 Class B Digital Devices
Other Class B digital devices & peripherals	SDoC or Certification.	JAB - Part 15 Class B Digital Devices
Class A digital devices, peripherals & external switching power supplies	SDoC or Certification.	JAD - Part 15 Class A Digital Devices
Access Broadband over Power Line (Access BPL)	Certification.	BPL - Access Broadband over Power Line System
All other devices	SDoC or Certification.	JAV - Other non-digital SDoC Devices

## APPENDIX C

### RULE PARTS OTHER THAN PART 15 CONTAINING EQUIPMENT SDOC REQUIREMENTS

The following lists of rule parts and sections containing equipment Suppliers Declaration of Conformity requirements are only a general reference guide. Readers are responsible for referring to the specific rules for further details as they apply to the operation or service type. Per Section 2.906(c), a responsible party may, if it desires, apply for Certification for devices otherwise subject only to SDoC.

<u>PART 18—INDUSTRIAL, SCIENTIFIC, AND MEDICAL EQUIPMENT</u>	
Subpart B—APPLICATIONS AND AUTHORIZATIONS SDoC or Certification	§18.203 Equipment authorization.
	§18.212 Compliance information.
	§18.213 Information to the user.

<u>PART 73 RADIO BROADCAST SERVICES</u>	
Subpart A—AM BROADCAST STATIONS	* In addition, §73.53 Requirements for authorization of antenna monitors. SDoC or Certification
Subpart B—FM BROADCAST STATIONS	*
Subpart C—DIGITAL AUDIO BROADCASTING	**
Subpart D—NONCOMMERCIAL EDUCATIONAL FM BROADCAST STATIONS	*
Subpart E—TELEVISION BROADCAST STATIONS	*
Subpart F—INTERNATIONAL BROADCAST STATIONS	*
Subpart G—LOW POWER FM BROADCAST STATIONS (LPFM) **	Certification: §73.1660 Acceptability of broadcast transmitters. (a)(2)
Subpart J—CLASS A TELEVISION BROADCAST STATIONS	*
<p>* Licensees are responsible for compliance under Subpart H—RULES APPLICABLE TO ALL BROADCAST STATIONS subpart §73.1660 Acceptability of broadcast transmitters: AM, FM, or TV transmitter shall be approved for compliance with the requirements following the Supplier's Declaration of Conformity procedures described in subpart J of part 2 of this chapter.</p> <p>** The type of license issued (LPFM or LPTV) will determine which equipment authorization procedure is required for the equipment used. For example, LPFM operators licensed up to 100 watts ERIP and LPTV licensed operators up to 15000 watts require certified transmitters to be used.</p>	



<u>Part 74 EXPERIMENTAL RADIO, AUXILIARY, SPECIAL BROADCAST AND OTHER PROGRAM DISTRIBUTIONAL</u>	
Subpart D—REMOTE PICKUP BROADCAST STATIONS	Certification: §74.451
Subpart E—AURAL BROADCAST AUXILIARY STATIONS	SDoC or Certification: §74.550
Subpart F—TELEVISION BROADCAST AUXILIARY STATIONS	SDoC or Certification: §74.655
Subpart G—LOW POWER TV**, TV TRANSLATOR, AND TV BOOSTER STATIONS	Certification §74.750 Transmission system facilities. (e) or type notified* (for use under part 73 of this chapter).
Subpart H—LOW POWER AUXILIARY STATIONS	Certification: §74.851
Subpart L—FM BROADCAST TRANSLATOR STATIONS AND FM BROADCAST BOOSTER STATIONS	Certification: §74.1250: (a) Transmitters and associated equipment. provide a locally generated and modulated input signal. Others §74.1250:(b) stations that receive signals to be rebroadcast, and transmission lines are not subject to the requirement for certification. SDoC
* Type notified is an option for operation of a LOW POWER TV, TV TRANSLATOR, AND TV BOOSTER STATIONS station under SDoC. With the notification procedures traditionally performed at the broadcast/customer site under part 73.	

<u>PART 80—STATIONS IN THE MARITIME SERVICES</u>	
Subpart E—GENERAL TECHNICAL STANDARDS	§80.203 Authorization of transmitters for licensing. (g) Manufacturers of ship earth station transmitters intended for use in the INMARSAT space segment are subject to <b>Supplier's Declaration of Conformity</b>
Subpart W—GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS)	§80.1103 Equipment authorization. (a) All equipment specified in §80.1101 must be certified in accordance with subpart J of part 2 of this chapter specifically for GMDSS use, except for equipment used in the INMARSAT space segment which must be type-approved by INMARSAT and are subject to <b>Supplier's Declaration of Conformity</b> (c) Applicants using <b>Supplier's Declaration of Conformity</b> must attest that the equipment complies with performance standards as specified in §80.1101

<u>PART 87—AVIATION SERVICES</u>	
Subpart D—TECHNICAL REQUIREMENTS	§87.147 Authorization of equipment. (e) <b>Supplier's Declaration of Conformity</b> for <b>ELTs</b> capable of operating on the frequency 406.0-406.1 MHz
Subpart F—AIRCRAFT STATIONS	§87.199 Special requirements for 406.0-406.1 MHz ELTs. (c) As part of its <b>Supplier's Declaration of Conformity</b> a 406.0-406.1 MHz <b>ELT</b> , the <b>ELT</b> must be certified by a test facility recognized by one of the COSPAS/SARSAT Partners

<u>PART 90—PRIVATE LAND MOBILE RADIO SERVICES</u>	
Subpart I—GENERAL TECHNICAL STANDARDS	§90.203 Certification required. (l) <b>Ocean buoy and wildlife tracking transmitters operating in the band 40.66-40.70 MHz or 216-220 MHz</b> under the provisions of §90.248 shall be authorized under <b>Supplier's Declaration of Conformity</b>

<u>PART 101—FIXED MICROWAVE SERVICES</u>	
Subpart C—TECHNICAL STANDARDS	101.139 Authorization of transmitters. (a) transmitters used in the <b>private operational fixed and common carrier fixed point-to-point microwave and point-to-multipoint services</b> must be approved for compliance under <b>Supplier's Declaration of Conformity.</b>