

**Project 25 Compliance Assessment Program**  
**[ISSI or CSSI] Interoperability Test**  
SDOC - [VENDOR\_NAME] - [Equipment\_MODEL\_NAME] - [Equipment\_TYPE]  
Tested with  
[VENDOR\_NAME] - [Equipment\_MODEL\_NAME] - [Equipment\_TYPE]  
[Month, Day, Year]

**SDOC EQUIPMENT INFORMATION**

Equipment Info	Detail
Vendor Name:	[Name of vendor of the equipment-under-test]
Model Name:	[RFSS or Console Equipment Model Name]
Equipment Type:	[RFSS or Console]
Tested Software Versions:	[XX.A]
Options:	[Software, Hardware]
P25 CAP Test Requirements CAB	P25-CAB-ISSI-CSSI_INTEROPERABILITY_TEST_REQ_04052019

**Equipment Tested With SDOC Equipment Information**

Equipment Info	Detail
Vendor Name:	[Name of vendor of the equipment tested with the SDOC equipment]
Model Name:	[RFSS or Console Equipment Model Name]
Equipment Type:	[RFSS or Console]
Tested Software Versions:	[XX.A]
Options:	[Software, Hardware]
P25 CAP Test Requirements CAB	P25-CAB-ISSI-CSSI_INTEROPERABILITY_TEST_REQ

**SUMMARY TEST REPORT IDENTIFIER<sup>1</sup>**

Summary Test Report (STR) Identifier:	[STR Identifier is found in Vendor's ISSI/CSSI STR, General Info tab, row seven]
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Test case results and updated software versions for this model can be found in the Summary Test Report identified below.

**CONTACT INFORMATION**

SDOC Vendor Info	Details
Vendor Name:	
Vendor Website URL:	
P25 CAP Contact Name:	

<sup>1</sup> The Summary Test Report for this product is available upon request. Please send your STR request to [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov) and please include the 'Vendor Name' of the ISSI CSSI equipment.

**Project 25 Compliance Assessment Program**  
**SDOC - [VENDOR\_NAME] - [Equipment MODEL\_NAME] - [Equipment\_TYPE]**  
**[Month, Day, Year]**

*[Before submitting the SDOC, remove this instruction and the section below if not applicable to the submitted equipment.]*

**ISSI-RFSS Interoperability Test**

The test cases in this section apply to the Inter Sub System Interface (ISSI) of a Radio Frequency Sub-System (RFSS). All test cases including all the role combinations required for each test case were passed except for those test cases/role combinations identified below under Unsupported, Not Tested or Failed Test Cases.

**P25 CAP ISSI-RFSS Interoperability Testing Coverage**

Full Rate Group Voice Services (FDMA): Unit Registration (including Valid Registration, Denied Registration and SU Roamed Procedure), Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available and Group Call Denied), Unit-to-Unit Call (including With Availability Check, Without Availability Check and Call Denied), Broadcast Call, Talk Group Registration (including Registration Permitted and Registration Denied), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

Half Rate Group Voice Services (TDMA): Unit Registration (Valid Registration), Group Voice Call (including Unconfirmed Group Call and Confirmed Group Call Grant after RF Resources Become Available), Unit-to-Unit Call (including With Availability Check and Without Availability Check), Broadcast Call, Talk Group Registration (including Registration Permitted), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

**Optional Product Capabilities Required to Pass Test Cases**

1. [Examples: Encryption, None]
2. [Add as many as needed]

**Unsupported, Not Tested or Failed Test Cases**

1. [Example: Unit-to-Unit Call not tested.]
2. [Add as many notes as needed]

**Project 25 Compliance Assessment Program**  
**SDOC - [VENDOR\_NAME] - [Equipment MODEL\_NAME] - [Equipment\_TYPE]**  
**[Month, Day, Year]**

*[Before submitting the SDOC, remove this instruction and the section below if not applicable to the submitted equipment.]*

**CSSI-RFSS Interoperability Test**

The test cases in this section apply to the Console Sub System Interface (CSSI) of a Radio Frequency Sub-System (RFSS). All test cases including all the role combinations required for each test case were passed except for those test cases/role combinations identified below under Unsupported, Not Tested or Failed Test Cases.

**P25 CAP CSSI-RFSS Interoperability Testing Coverage**

**Full Rate Group Voice Services (FDMA):** Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available, Group Call Denied and Group Call Interrupt), Unit-to-Unit Call (including With Availability Check, Without Availability Check and Call Denied), Broadcast Call, Talk Group Registration (including Registration Permitted and Registration Denied), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

**Half Rate Group Voice Services (TDMA):** Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available, Group Call Denied and Group Call Interrupt), Unit-to-Unit Call (including With Availability Check and Without Availability Check), Broadcast Call, Talk Group Registration (including Registration Permitted), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

**Optional Product Capabilities Required to Pass Test Cases**

1. [Examples: Encryption, None]
2. [Add as many as needed]

**Unsupported, Not Tested or Failed Test Cases**

1. [Example: Unit-to-Unit Call not tested.]
2. [Add as many notes as needed]

**Project 25 Compliance Assessment Program**  
**SDOC - [VENDOR\_NAME] - [Equipment MODEL\_NAME] - [Equipment\_TYPE]**  
**[Month, Day, Year]**

*[Before submitting the SDOC, remove this instruction and the section below if not applicable to the submitted equipment.]*

**CSSI-Console Interoperability Test**

**(includes Console Based CSS Equipment and Console Integrated with a RFSS)**

The test cases in this section apply to the Console Sub System Interface (CSSI) of a Console. All test cases including all the role combinations required for each test case were passed except for those test cases/role combinations identified below under Unsupported, Not Tested or Failed Test Cases.

**P25 CAP CSSI-RFSS Interoperability Testing Coverage**

**Full Rate Group Voice Services (FDMA):** Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available, Group Call Denied and Group Call Interrupt), Unit-to-Unit Call (including With Availability Check, Without Availability Check and Call Denied), Broadcast Call, Talk Group Registration (including Registration Permitted and Registration Denied), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

**Half Rate Group Voice Services (TDMA):** Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available, Group Call Denied and Group Call Interrupt), Unit-to-Unit Call (including With Availability Check and Without Availability Check), Broadcast Call, Talk Group Registration (including Registration Permitted), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

**Optional Product Capabilities Required to Pass Test Cases**

1. [Examples: Encryption, None]
2. [Add as many as needed]

**Unsupported, Not Tested or Failed Test Cases**

1. [Example: Unit-to-Unit Call not tested.]
2. [Add as many notes as needed]

**Project 25 Compliance Assessment Program**  
**SDOC - [VENDOR\_NAME] - [Equipment MODEL\_NAME] - [Equipment\_TYPE]**  
**[Month, Day, Year]**

**SIGNATURE AND DATE**

Date Signed	Vendor's Authorized Representative <u>Signature</u>
	Vendor's Authorized Representative <u>Printed Name</u>

**DISCLAIMER**

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# SDOC Instructions

*[Before submitting the SDOC, remove the instruction pages]*

## **Page Header - First Page**

**[ISSI or CSSI] Interoperability Test** - Enter either 'ISSI' or 'CSSI', remove the brackets.

**SDOC - [VENDOR\_NAME] - [Equipment\_MODEL\_NAME] - [Equipment\_TYPE]** - Add vendor name for the RFSS-under-test or Console-under-test, remove brackets; Add equipment model name, remove brackets; Add equipment type, either 'RFSS' or 'Console', remove brackets.

**[VENDOR\_NAME] - [Equipment\_MODEL\_NAME] - [Equipment\_TYPE]** - Add vendor name for RFSS or Console used to support the testing of the equipment-under-test, remove brackets; Add equipment model name, remove brackets; add equipment type (either 'RFSS' or 'Console'), remove brackets.

**[Month, Day, Year]** - Date submitted or resubmitted to P25 CAP.

## **First Page**

**SDOC EQUIPMENT INFORMATION** - This table holds information concerning the RFSS-under-test or the Console-under-test.

**Equipment Tested With SDOC Equipment Information** - This table holds information concerning the RFSS or the Console used to support the testing of the equipment under test.

**SUMMARY TEST REPORT IDENTIFIER** - This Identifier links this SDOC to the Summary Test Report (STR).

**CONTACT INFORMATION** - Contact information for the manufacturer's P25 CAP representative.

## **Page Header - Pages 2-5 (when submitted)**

**SDOC - [VENDOR\_NAME] - [Equipment\_MODEL\_NAME] - [Equipment\_TYPE]** - Add vendor name for the RFSS-under-test or Console-under-test, remove brackets; Add equipment model name, remove brackets; Add equipment type, either 'RFSS' or 'Console', remove brackets.

**[Month, Day, Year]** - Date submitted or resubmitted to P25 CAP.

## **Page - ISSI-RFSS Interoperability Test**

### Optional Product Capabilities Required to Pass Test Cases

List any optional equipment or software required to pass any of the test cases.

### Unsupported, Not Tested or Failed Test Cases

List all the test cases that were unsupported for whatever reason; test cases that could not be tested due to the limitations of the RFSS equipment tested with the SDOC equipment; and, test cases that failed.

## **Page - CSSI-RFSS Interoperability Test**

### Optional Product Capabilities Required to Pass Test Cases

List any optional equipment or software required to pass any of the test cases.

## **SDOC Instructions**

### Unsupported, Not Tested or Failed Test Cases

List all the test cases that were unsupported for whatever reason; test cases that could not be tested due to the limitations of the Console equipment tested with the SDOC equipment; and, test cases that failed.

### **Page - CSSI-RFSS Interoperability Test**

#### Optional Product Capabilities Required to Pass Test Cases

List any optional equipment or software required to pass any of the test cases.

### Unsupported, Not Tested or Failed Test Cases

List all the test cases that were unsupported for whatever reason; test cases that could not be tested due to the limitations of the Console equipment tested with the SDOC equipment; and, test cases that failed.

### **Page - SIGNATURE AND DATE**

The manufacturer's representative shall date, sign and print their name.