











## 1 Introduction

The Department of Homeland Security (DHS) Office for Interoperability and Compatibility (OIC) Project 25 Compliance Assessment Program (P25 CAP) is a voluntary program that allows P25 equipment suppliers to formally demonstrate their products' compliance with a select group of requirements within the suite of P25 standards. The purpose of the program is to provide emergency response agencies with evidence that the communications equipment they are purchasing meet P25 standards for performance, conformance and interoperability.

The program requires test laboratories to demonstrate their competence through a rigorous and objective assessment process. Such a process promotes the user community's confidence in, and acceptance of, test results from DHS-recognized laboratories. All equipment suppliers that participate in the P25 CAP must use DHS-recognized laboratories to conduct performance, conformance and interoperability tests on their products. P25 equipment suppliers will release Summary Test Report (STR) and Supplier's Declaration of Compliance (SDOC) documents based on the Detailed Test Report (DTR) from the DHS-recognized laboratory(s) that performed the product testing. This documentation will serve to increase the public's confidence in the performance, conformance and interoperability of P25 equipment.

Performance, conformance and interoperability issues are likely to occur in all communications technologies and especially in ones like P25 with protocols that constantly adapt to changing user requirements. Users should seek to address such problems with the supplier first, then with TIA TR8.25, and then within the P25 CAP and, notably, before product launch and deployment. Further, the declaration of compliance-related documents developed by program participants will provide useful technical information about the equipment.

SAFECOM grant guidance<sup>1</sup> states that agencies using grant funds to purchase P25 equipment are strongly encouraged to obtain the P25 CAP SDOC and STR documents as verification that the equipment to be purchased falls within accordance with P25 CAP. P25 equipment that is posted on the P25 CAP Approved (Grant Eligible) Equipment page<sup>2</sup> of the P25 CAP website shall be considered P25 CAP Compliant equipment.

## 2 Scope

P25 subscriber vendors must submit SDOCs and STRs to P25 CAP in order for the vendor's P25 equipment to be posted on the P25 CAP Approved (Grant Eligible) Equipment webpage. P25 CAP has developed SDOC and STR templates to be used for the submission of the SDOC and STR. This document provides guidance on how to use these templates.

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<sup>1</sup> See 2017 SAFECOM Grant Guidance on Emergency Communications, Land Mobile Radio, pages 42-45. <https://www.dhs.gov/publication/funding-documents>

<sup>2</sup> See <https://www.dhs.gov/science-and-technology/approved-grant-eligible-equipment>

### 3 Effective Date

This Compliance Assessment Bulletin (CAB) becomes effective on August 2, 2018.

### 4 Normative References

- [1] Subscriber SDOC Template 20180425<sup>3</sup>
- [2] Subscriber STR Template 20180425<sup>4</sup>
- [3] P25-CAB-CAI\_TEST\_REQ-v3<sup>5</sup> (also known as the 2016 Test Requirements CAB)
- [4] P25-CAB-CAI\_TEST\_REQ-TDMA\_170720<sup>6</sup> (also known as the 2017 Test Requirements CAB)

### 5 Supplier's Declaration of Compliance (SDOC) Format and Submittal Procedures

The SDOC document format has been modified from previous formats. The SDOC template has been developed to support both the 2016 Test Requirements CAB and the 2017 Test Requirements CAB. The vendor submitting the SDOC shall identify whether the equipment was tested under the 2016 Test Requirements CAB or the 2017 Test Requirements CAB.

When an SDOC is identified as tested under the 2016 Test Requirements CAB, the sections and test cases that apply for the 2017 Test Requirements CAB will be noted as 'not applicable.' If a subscriber product is 'performance' tested to the 2017 CAB and 'interoperability' tested to the 2016 CAB, the product is submitted as a 2016 SDOC/STR since the interoperability testing is based on the 2016 CAB. If a subscriber product is 'performance' tested to the 2016 CAB and 'interoperability' tested to the 2017 CAB, the product is submitted as a 2016 SDOC/STR since the performance testing is based on the 2016 CAB. Once the equipment has been tested against all the requirements and test cases in the 2017 CAB, the equipment SDOC can be submitted as a 2017 SDOC/STR.

For every equipment model submitted to P25 CAP, vendors will submit two SDOCs: one in Microsoft Word format (.docx) and one in the Adobe Acrobat Portable Document Format (.pdf). The SDOC template is based on Microsoft Word. The SDOC document will be subject to a 508 accessibility review and will be downloadable from the P25 CAP webpage.

If test case results for posted equipment are corrected or updated, the equipment vendor will re-submit an updated SDOC.

If updated equipment software is released by a vendor and the vendors impacted by this update have determined the new software does not impact the previously submitted test case results, the vendor is

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<sup>3</sup> A Microsoft Word SDOC template will be made available upon request by emailing [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov).

<sup>4</sup> A Microsoft Excel STR template will be made available upon request by emailing [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov).

<sup>5</sup> The P25-CAB-CAI\_TEST\_REQ-v3 is found at [https://www.dhs.gov/sites/default/files/publications/P25-CAB-CAI\\_TEST\\_REQ-v3-508.pdf](https://www.dhs.gov/sites/default/files/publications/P25-CAB-CAI_TEST_REQ-v3-508.pdf)

<sup>6</sup> The P25-CAB-CAI\_TEST\_REQ-TDMA\_170720 is found at [https://www.dhs.gov/sites/default/files/publications/P25-CAB-CAI\\_TEST\\_REQ-TDMA\\_170720-508.pdf](https://www.dhs.gov/sites/default/files/publications/P25-CAB-CAI_TEST_REQ-TDMA_170720-508.pdf)

requested to email P25 CAP with the following information: (1) the updated software version identifier, and (2) a statement explaining that the updated software version does not impact the previously submitted test case results for the equipment.

For equipment software updates as in the case explained above, P25 CAP will take the following action: on the P25 CAP publication page for the affected equipment, P25 CAP will add an informational note stating the current software version identifier for the equipment.

In order to track software version history, the vendor is requested to submit an updated STR when software is updated. This action will maintain the software version history.

P25 CAP has developed a SDOC template for the subscriber equipment and a separate SDOC template for the base station repeater equipment. The requirements and test cases defined by the Test Requirement CABs are different between the subscriber and base station repeater. Softcopy SDOC templates are available from P25 CAP. Please send requests to [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov).

## 6 SDOC - Top of First Page

The information at the top of the SDOC's first page is NOT part of the first page header. This information is part of the first page's body text and must be part of the body text to meet 508 accessibility requirements. This same information does appear in the page header space in subsequent pages of the SDOC.

Figure 1. Information at the top of the first page

<p style="text-align: center;"><b>Project 25 Compliance Assessment Program</b> <b>SDOC - [VENDOR_NAME] - [SUBSCRIBER_MODEL_NAME]</b> <b>Month, Day, Year [Date submitted or resubmitted to P25 CAP]</b></p>
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The vendor shall enter the Vendor's name and the Subscriber Model Name.

The vendor shall enter the date (Month, Day, Year) the SDOC is submitted or resubmitted to P25 CAP. The document is submitted via the [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov) email.

## 7 Subscriber Product Information

The vendor will enter model name, tested software versions and hardware/software options.

If the vendor issues a new version of software that is determined by engineering analysis not to impact the results of the previous test case results, P25 CAP requests that the vendor send that information (Model Name of equipment, software version identifier and attestation that software version does not impact the previous test case results) to [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov). P25 CAP will add the software version identifier to the P25 CAP publication webpage for the equipment named in the email. More than one model name can be included in the email. The SDOC will not be updated for these types of software updates.



Table 1. Subscriber Product Information

Subscriber Info	Detail
Model Name:	[Model Name]
Tested Software Versions:	[XX.A]
Hardware/Software Options:	[Examples: Full/Partial/No Display; Full/Partial/No Keypad; DTMF Microphone, Frequency Bands P25 Conventional, P25 Trunking, P25 TDMA Trunking, AES-256 Encryption]

## 8 Test Requirements CAB Identification

The SDOC template was developed to support both the 2016 Test Requirements CAB and the 2017 Test Requirements CAB. Vendors must check one of the boxes to indicate which Test Requirements CAB, 2016 or 2017, was used for SDOC submittal.

Table 2. Test Requirements CAB Identification

check one	P25 CAP Test Requirement CAB	Details
	P25-CAB-CAI_TEST_REQ – August 2016 <sup>7</sup>	Adds conventional interoperability testing to the March 2010 P25 CAP Test Requirements
	P25-CAB-CAI_TEST_REQ – July 2017 <sup>8</sup>	Includes August 2016 P25 CAP Test Requirements; Adds TDMA performance and interoperability testing and trunked supplementary data testing

If the 2016 CAB was used for testing, the vendor shall add the full filename of that CAB in the space provided in footnote number 7. If the 2017 CAB was used for testing, the vendor shall add the full name of that CAB in the space provided in footnote number 8. The filename of the Test Requirements CAB used for testing is being requested as the Test Requirements CAB documents have had updates since they were originally published and the version information is captured in the filename.

## 9 Summary Test Report (STR) Identifier

The STR Identifier is a naming convention for the STR document that includes the test case results for the equipment named in the SDOC. The subscriber STR Identifier format is simple: STR - [VENDOR\_NAME] - SUBSCRIBER. The STR Identifier is found in the vendor’s subscriber STR, General Info tab, row seven. There is only one subscriber STR per vendor. The STR for the product named in the SDOC is available upon request. Requests for STRs are sent to [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov). Please include the subscriber unit ‘Vendor Name’ in the email.

<sup>7</sup> The following version of the 2016 CAB was used for testing [Insert the filename of the Test Requirements CAB document that was used for testing, including the version information].

<sup>8</sup> The following version of the 2017 CAB was used for testing [Insert the filename of the Test Requirements CAB document that was used for testing, including the version information].

Table 3. STR Identifier

Summary Test Report (STR) Identifier:	[STR Identifier is found in Vendor’s Subscriber STR, General Info tab, row seven]
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## 10 Contact Information

The vendor shall enter all the contact information. It is important to provide the contact information for a person who is familiar with P25 CAP and not ‘info@company.com’ type contacts.

Table 4. Contact Information

Vendor Info	Details
Vendor Name:	
Vendor Website URL:	
P25 CAP Contact Name:	
P25 CAP Contact Phone:	
P25 CAP Contact Email:	

## 11 SDOC - Page Headings After the First Page

This information at the top of the first page also appears in the page header space (not body text as in the first page) in subsequent pages of the SDOC. The header information found in the first page must be reentered for the second page. All subsequent pages will have the same information that was entered for the page two header.

Figure 2. Information at the top of the SDOC pages after the first page

<p><b>Project 25 Compliance Assessment Program</b>  <b>SDOC - [VENDOR_NAME] - [SUBSCRIBER_MODEL_NAME]</b>  <b>Month, Day, Year [Date submitted or resubmitted to P25 CAP]</b></p>
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The vendor shall enter the Vendor’s name and the Subscriber Model Name.

The vendor shall enter the date (Month, Day, Year) the SDOC is submitted or resubmitted to P25 CAP via the [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov) email.

## 12 Encryption Statement

The Subscriber SDOC requires the vendor to clearly state if the subscriber product complies with the P25 CAP Encryption Requirements CAB (P25-CAB-ENC\_REQ) and was tested with AES-256 or without AES-256 because the product is only available without any encryption of any type. When a subscriber is tested without AES-256, all the test cases related to encryption must indicate the test case result is ‘Unsupported.’



















































## 19.6 Conventional Subscriber Unit Interoperability - Direct Mode

The conventional interoperability (direct mode) test case results section of the Model Name worksheet is introduced by the banner shown below. It is noted that the test cases for the 2016 and the 2017 CAB are identical for this test section. This test section includes test cases that must be passed to be compliant with the P25 CAP Minimum Features Requirements CAB. These features are noted in the test case results table.

Table 30. Banner for Conventional Subscriber Unit - Direct Mode Interoperability Testing

row	Conventional Subscriber Unit Interoperability - Direct Mode (2017 CAB)	Conventional Subscriber Unit Interoperability - Direct Mode (2016 CAB)
157	<b>Test Identification</b>	<b>Test Identification</b>
158	P25-CAB-CAI_TEST_REQ – July 2017, Section 2.1.3.1 - Conventional Subscriber Unit Interoperability - Direct Mode	P25-CAB-CAI_TEST_REQ – August 2016, Section 2.1.3.1 - Conventional Direct Mode Operation

### 19.6.1 Representative Conventional Subscriber Unit Products Tested with the Subscriber Unit for Conventional Interoperability - Direct Mode

Interoperability testing requires that the vendor test against equipment from three representative equipment vendors. The vendor states the representative subscriber vendor name and the model name of the equipment from the representative subscriber vendor. Each of the representative products is given a Product No. that correlates to the 'Product [x] Result' column in the test case results table directly below.

The DTR Identifier is stated for each of the three representative subscriber vendors. The DTR Identifier may be the same identifier. Table rows can be added if there are more than three vendor names.

Table 31. Representative Conventional Subscriber Unit Products Tested with the Subscriber Unit for Conventional Interoperability - Direct Mode

row	Subscriber Vendor	Model Name	Product No.	Detailed Test Report Identifier
162	[Vendor_Name]	[Model Name]	1	[DTR-P25CAPxxxxxx]
163	[Vendor_Name]	[Model Name]	2	[DTR-P25CAPxxxxxx]
164	[Vendor_Name]	[Model Name]	3	[DTR-P25CAPxxxxxx]

Rows 162-164: In their respective columns, the vendor shall provide the Subscriber Vendor name and the Model Names for the representative equipment that was tested. The DTR Identifier that corresponds to the tested representative equipment shall be recorded in the 'Detailed Test Report Identifier' column. Each representative product shall be numbered in the Product No. column. This product number corresponds to the 'Product (x) Result' column found in the Test Case Results table that follows this table.

## 19.6.2 Conventional Subscriber Unit Interoperability Test Case Results - Direct Mode

The table below is used to capture the test case results for this test section. These test cases are independent of frequency band. Any frequency band may be used for these test cases. Please note the correspondence between the numbers in the column cells labelled 'Product No.' and the multiple column cells labeled 'Product [x] Result.' For clarity, 'Product No. 1' of the representative products table corresponds with 'Product 1 Results' of the test case results table; 'Product No. 2' corresponds with 'Product 2 Results'; 'Product No. 3' corresponds with 'Product 3 Results'; and so on. Table columns can be added if there are more than three vendor names.

As part of the P25 CAP Minimum Feature Requirement, Test Cases 2.2.1, 2.2.2, 2.2.3 and 2.2.8 must have a Passed test case result.

Table 32. Conventional Subscriber Unit Interoperability Tests - Direct Mode

row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
170	<b>2.2.1**</b>	<b>Matching NAC Operation and SU Unaddressed Voice Call**</b>			
171	2.2.1.4.1	Test Case 1 – Unaddressed Voice Call			
172	<b>2.2.2**</b>	<b>Matching NAC Operation and SU Routine Group Voice Call**</b>			
173	2.2.2.4.1	Test Case 1 – Routine Group Voice Call			
174	<b>2.2.3**</b>	<b>Monitor Mode – SU Group Voice Call**</b>			
175	2.2.3.4.1	Test Case 1 – Receiving Group Call			
176	<b>2.2.8**</b>	<b>Accept Any NAC in Normal &amp; Selective Squelch Mode – SU Group Voice Call**</b>			
177	2.2.8.4.1	Test Case 1 – Receiving Group Call with Receive NAC \$F7E under Normal and Selective Squelch Modes			
178	<b>2.2.4</b>	<b>Emergency Call</b>			
179	2.2.4.4.1	Test Case 1 – Emergency Call			
180	<b>2.2.5</b>	<b>Unit-to-Unit Voice Call</b>			
181	2.2.5.4.1	Test Case 1 – Initiate Unit-to-Unit Call from SU 1			
182	2.2.5.4.2	Test Case 2 – Initiate Unit-to-Unit Call from SU 5			
183	<b>2.2.6</b>	<b>Unit-to-Unit Voice Call – Receiving Units also in Monitor Mode</b>			
184	2.2.6.4.1	Test Case 1 – Initiate Unit-to-Unit Call from SU 1			
185	2.2.6.4.2	Test Case 2 – Initiate Unit-to-Unit Call from SU 5			
186	<b>2.2.7</b>	<b>Encryption</b>			

row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
187	2.2.7.4.1	Test Case 1 – Call Privacy for Encrypted Call			
188	<b>2.3.1</b>	<b>Call Alert</b>			
189	2.3.1.4.1	Test Case 1 – Call Alert (SU 1 to SU 5)			
190	2.3.1.4.2	Test Case 2 – Call Alert (SU 5 to SU 1)			
191	<b>2.3.2</b>	<b>Radio Check</b>			
192	2.3.2.4.1	Test Case 1 – Radio Check (SU 1 to SU 5)			
193	2.3.2.4.2	Test Case 2 – Radio Check (SU 5 to SU 1)			
194	<b>2.3.3</b>	<b>Message Update</b>			
195	2.3.3.4.1	Test Case 1 – Message Update (SU 1 to SU 5)			
196	2.3.3.4.2	Test Case 2 – Message Update (SU 5 to SU 1)			
197	<b>2.3.4</b>	<b>Status Update</b>			
198	2.3.4.4.1	Test Case 1 – Status Update (SU 1 to SU 5)			
199	2.3.4.4.2	Test Case 2 – Status Update (SU 5 to SU 1)			
200	<b>2.3.5</b>	<b>Status Query</b>			
201	2.3.5.4.1	Test Case 1 – Status Query (SU 1 to SU 5)			
202	2.3.5.4.2	Test Case 2 – Status Query (SU 5 to SU 1)			
203	<b>2.3.6</b>	<b>Radio Unit Monitor</b>			
204	2.3.6.4.1	Test Case 1 – Radio Unit Monitor Initiated by SU 1 – Group Call			
205	2.3.6.4.2	Test Case 2 – Radio Unit Monitor Initiated by SU 5 – Group Call			
206	2.3.6.4.3	Test Case 3 – Radio Unit Monitor Initiated by SU 1 – Unit-to-Unit Call			
207	2.3.6.4.4	Test Case 4 – Radio Unit Monitor Initiated by SU 5 – Unit-to-Unit Call			

\*\* P25 CAP Minimum Feature Requirement - Test Case Result must be a Pass (P)

Rows 170-207: In their respective columns, the vendor shall provide test case results for the representative products from a minimum of three different vendors. More 'Product Result' columns may be added if more representative products are tested.

## 19.7 Conventional Subscriber Unit Interoperability - Repeat Mode

The conventional interoperability (repeat mode) test case results section of the Model Name worksheet is introduced by the banner shown below. It is noted that while the test cases for these test sections are identical, the 2016 CAB calls out the test cases in a specific table (Table 7) within section 2.1.3.2 of the 2016 CAB, while the 2017 CAB has the same test cases called out within a single section 2.1.3.2 of the 2017 CAB. This test section includes test cases that must be passed to be compliant with the P25 CAP Minimum Features Requirements CAB. These features are noted in the test case results table.

Table 33. Banner for Conventional Subscriber Unit - Repeat Mode Interoperability Testing

row	Conventional Subscriber Unit Interoperability (2017 CAB) - Repeat Mode	Conventional Subscriber Unit Interoperability (2016 CAB) - Repeat Mode
214	CAB Test Section Identification	CAB Test Section Identification
215	P25-CAB-CAI_TEST_REQ – July 2017, Section 2.1.3.2 - Conventional Subscriber Unit Interoperability - Repeat Mode	P25-CAB-CAI_TEST_REQ – August 2016, Section 2.1.3.2 - [Table 7] - Conventional Interoperability Tests - Repeat Mode

### 19.7.1 Representative Conventional Base Station Repeater Products Tested with the Subscriber Unit for Conventional Interoperability - Repeat Mode

Interoperability testing requires that the vendor test against equipment from three representative equipment vendors. The vendor states the representative base station repeater vendor name and the model name of the equipment from the representative base station repeater vendor. Each of the representative products is given a Product No. that correlates to the 'Product [x] Result' column in the test case results table directly below the representative equipment table.

The DTR Identifier is stated for each of the three representative base station repeater vendors. Table rows can be added if there are more than three vendor names.

Table 34. Representative Conventional Base Station Repeater Products Tested with the Subscriber Unit for Conventional Interoperability - Repeat Mode

Row	Base Station Repeater Vendor	Model Name	Product No.	Detailed Test Report Identifier
218	[Vendor_Name]	[Model Name]	1	[DTR-P25CAPxxxxxx]
219	[Vendor_Name]	[Model Name]	2	[DTR-P25CAPxxxxxx]
220	[Vendor_Name]	[Model Name]	3	[DTR-P25CAPxxxxxx]

Rows 218-220: In their respective columns, the vendor shall provide the Base Station Repeater Vendor name and the Model Names for the representative equipment that was tested. The DTR Identifier that corresponds to the tested representative equipment shall be recorded in the 'Detailed Test Report Identifier' column. Each representative product shall be numbered in the Product No. column. This product number corresponds to the 'Product (x) Result' column found in the Test Case Results table that follows this table.

### 19.7.2 Conventional Subscriber Unit Interoperability Test Case Results - Repeat Mode

The table below is used to capture the test case results for this test section. These test cases are independent of frequency band. Any frequency band may be used for these test cases. Please note the correspondence between the numbers in the column cells labelled 'Product No.' and the multiple column cells labeled 'Product [x] Result.' For clarity, 'Product No. 1' of the representative products table corresponds with 'Product 1 Results' of the test case results table; 'Product No. 2' corresponds with 'Product 2 Results'; 'Product No. 3' corresponds with 'Product 3 Results'; and so on. Table columns can be added if there are more than three vendor names.

As part of the P25 CAP Minimum Feature Requirement, Test Cases 2.4.1, 2.4.2 and 2.4.9 must have a Passed test case result.

Table 35. Conventional Subscriber Unit Interoperability Tests- Repeat Mode

row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
226	<b>2.4.1**</b>	<b>Matching NAC Operation and SU Unaddressed Voice Call **</b>			
227	2.4.1.4.1	Test Case 1 – Matching NAC operation – Unaddressed Voice Call			
228	<b>2.4.2**</b>	<b>Matching NAC Operation – SU Routine Group Call Mode **</b>			
229	2.4.2.4.1	Test Case 1 – Matching NAC – SU Routine Group Call Mode			
230	<b>2.4.3</b>	<b>Transmit NAC Independent of Receive NAC – SU Unaddressed Voice Call</b>			
231	2.4.3.4.1	Test Case 1 – Independent NAC Operation – SU Unaddressed Voice Call			
232	<b>2.4.4</b>	<b>Transmit NAC Independent of Receive NAC – SU Routine Group Call</b>			
233	2.4.4.4.1	Test Case 1 – Independent NAC Operation – SU Routine Group Call			
234	<b>2.4.5</b>	<b>Any NAC (\$F7F) Operation – SU Unaddressed Voice Call</b>			
235	2.4.5.4.1	Test Case 1 – NAC \$F7F Operation – SU Unaddressed Voice Call			
236	<b>2.4.6</b>	<b>Any NAC (\$F7F) Operation – SU Routine Group Call</b>			
237	2.4.6.4.1	Test Case 1 – NAC \$F7F Operation – SU Routine Group Call			
238	<b>2.4.7</b>	<b>Any NAC (\$F7E) Operation with Fixed Transmit NAC – SU Group Call</b>			
239	2.4.7.4.1	Test Case 1 – NAC \$F7E Operation – SU Group Call			
240	<b>2.4.8</b>	<b>Emergency Call</b>			

row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
241	2.4.8.4.1	Test Case 1 – Emergency Call			
242	<b>2.4.9**</b>	<b>Monitor Mode – SU Group Call **</b>			
243	2.4.9.4.1	Test Case 1 – Monitor Mode – Receiving Group Call			
244	<b>2.4.10</b>	<b>Unit-to-Unit Voice Call</b>			
245	2.4.10.4.1	Test Case 1 – Initiate Unit-to-Unit Call from SU 1			
246	2.4.10.4.3	Test Case 3 – Initiate Unit-to-Unit Call from SU 1, No Co-Channel Interference Suppression			
247	<b>2.4.11</b>	<b>Unit-to-Unit Voice Call Co-Channel Interference Suppression by FNE</b>			
248	2.4.11.4.1	Test Case 1 – Initiate Unit-to-Unit Call from SU 1			
249	<b>2.4.12</b>	<b>Unit-to-Unit Voice Call – Receiving Units Also in Monitor Mode</b>			
250	2.4.12.4.1	Test Case 1 – Initiate Unit-to-Unit Call from SU 1			
251	<b>2.4.13</b>	<b>Encryption</b>			
252	2.4.13.4.1	Test Case 1 – Call Privacy for Encrypted Call			
253	<b>2.4.14</b>	<b>Accept Any NAC in Normal and Selective Squelch Mode – SU Group Call</b>			
254	2.4.14.4.1	Test Case 1 – Receiving group Call with receive NAC \$F7F under Normal and Selective Squelch Modes			
255	<b>2.5.1</b>	<b>Call Alert</b>			
256	2.5.1.4.1	Test Case 1 – Initiate Call Alert Request from SU 1			
257	<b>2.5.2</b>	<b>Radio Check</b>			
258	2.5.2.4.1	Test Case 1 – Initiate Radio Check from SU 1			
259	<b>2.5.3</b>	<b>Message Update</b>			
260	2.5.3.4.1	Test Case 1 – Message Update Initiated by SU 1			
261	2.5.3.4.3	Test Case 3 – SU 1 to Group Message Update			
262	<b>2.5.4</b>	<b>Status Update</b>			
263	2.5.4.4.1	Test Case 1 – Status Update Initiated by SU 1			
264	2.5.4.4.3	Test Case 3 – SU to Talk Group Status Update Initiated by SU 1			
265	<b>2.5.5</b>	<b>Status Query</b>			
266	2.5.5.4.1	Test Case 1 – Status Query Initiated by SU 1			

row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
267	<b>2.5.6</b>	<b>Radio Unit Monitor</b>			
268	2.5.6.4.1	Test Case 1 – Radio Unit Monitor Initiated by SU 1 – Group Call			
269	2.5.6.4.3	Test Case 3 – Radio Unit Monitor Initiated by SU 1 – Unit-to-Unit Call			

\*\* P25 CAP Minimum Feature Requirement - Test Case Result must be a Pass (P)

Rows 226-269: In their respective columns, the vendor shall provide test case results for the representative products from a minimum of three different vendors. More ‘Product Result’ columns may be added if more representative products are tested.

## 19.8 Conventional Subscriber Unit Interoperability - FNE Dispatch Monitoring Console - Repeat Mode

The conventional interoperability (FNE dispatch repeat mode) test case results section of the Model Name worksheet is introduced by the banner shown below. It is noted that while the test cases for these test sections are identical, the 2016 CAB calls out the test cases in a specific table (Table 8) within section 2.1.3.2 of the 2016 CAB, while the 2017 CAB has the same test cases called out within a single section 2.1.3.3 of the 2017 CAB.

Table 36. Banner for Conventional Subscriber Unit - FNE Dispatch - Repeat Mode Interoperability Testing

row	<b>Conventional Subscriber Unit Interoperability - FNE Dispatch Monitoring Console - Repeat Mode (2017 CAB)</b>	<b>Conventional Subscriber Unit Interoperability - FNE Dispatch Monitoring Console - Repeat Mode (2016 CAB)</b>
275	<b>CAB Test Section Identification</b>	<b>CAB Test Section Identification</b>
276	P25-CAB-CAI_TEST_REQ – July 2017, Section 2.1.3.3 - Conventional Subscriber Unit Interoperability - FNE Dispatch Monitoring Console - Repeat Mode	P25-CAB-CAI_TEST_REQ – August 2016, Section 2.1.3.2 - [Table 8] - Conventional Interoperability Tests - FNE Includes Dispatch Consoles Mode

### 19.8.1 Representative Conventional Base Station Repeater Products Tested with the Subscriber Unit for Conventional Interoperability - FNE Dispatch Monitoring Console - Repeat Mode

Interoperability testing requires that the vendor test against equipment from three representative equipment vendors. The vendor states the representative base station repeater vendor name and the model name of the equipment from the representative base station repeater vendor. Each of the representative products is given a Product No. that correlates to the ‘Product [x] Result’ column in the test case results table directly below the representative equipment table.

The DTR Identifier is stated for each of the three representative base station repeater vendors. Table rows can be added if there are more than three vendor names.

Table 37. Representative Conventional Base Station Repeater Products Tested with the Subscriber Unit for Conventional Interoperability - FNE Dispatch Monitoring Console - Repeat Mode

row	Base Station Repeater Vendor	Model Name	Product No.	Detailed Test Report Identifier
280	[Vendor_Name]	[Model Name]	1	[DTR-P25CAPxxxxxx]
281	[Vendor_Name]	[Model Name]	2	[DTR-P25CAPxxxxxx]
282	[Vendor_Name]	[Model Name]	3	[DTR-P25CAPxxxxxx]

Rows 280-282: In their respective columns, the vendor shall provide the Subscriber Vendor name and the Model Names for the representative equipment that was tested. The DTR Identifier that corresponds to the tested representative equipment shall be recorded in the ‘Detailed Test Report Identifier’ column. Each representative product shall be numbered in the Product No. column. This product number corresponds to the ‘Product (x) Result’ column found in the Test Case Results table that follows this table.

### 19.8.2 Conventional Subscriber Unit Interoperability Test Case Results - FNE Dispatch Monitoring Console - Repeat Mode

The table below is used to capture the test case results for this test section. These test cases are independent of frequency band. Any frequency band may be used for these test cases. Please note the correspondence between the numbers in the column cells labelled ‘Product No.’ and the multiple column cells labeled ‘Product [x] Result’. For clarity, ‘Product No. 1’ of the representative products table corresponds with ‘Product 1 Results’ of the test case results table; ‘Product No. 2’ corresponds with ‘Product 2 Results’; ‘Product No. 3’ corresponds with ‘Product 3 Results’; and so on. Table columns can be added if there are more than three vendor names.

Table 38. Conventional Subscriber Unit Interoperability Tests - FNE Dispatch Monitoring Console - Repeat Mode

Row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
288	<b>2.6.1</b>	<b>Unaddressed Voice Call</b>			
289	2.6.1.4.1	Test Case 1 – Unaddressed Voice Call			
290	<b>2.6.2</b>	<b>Routine Group Call</b>			
291	2.6.2.4.1	Test Case 1 – Routine Group Call			
292	<b>2.6.3</b>	<b>Emergency Call</b>			
293	2.6.3.4.1	Test Case 1 – Emergency Call from SU			



Row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
294	2.6.3.4.2	Test Case 2 – Emergency Call from DMC			
295	<b>2.6.4</b>	<b>All Call (System-Wide Call)</b>			
296	2.6.4.4.1	Initiate System-Wide Call to Collection of Talk Groups			
297	<b>2.6.5</b>	<b>Unit-to-Unit Voice Call</b>			
298	2.6.5.4.1	Test Case 1 – Initiate Unit-to-Unit Call from DMC			
299	2.6.5.4.2	Test Case 2 – Initiate Unit-to-Unit Call from SU 1			
300	<b>2.6.6</b>	<b>Encryption</b>			
301	2.6.6.4.1	Test Case 1 – Call Privacy for Encrypted Call			
302	<b>2.7.1</b>	<b>Emergency Alarm to Dispatch and/or other Monitoring Console</b>			
303	2.7.1.4.1	Test Case 1 – Emergency Alarm			
304	<b>2.7.2</b>	<b>Call Alert</b>			
305	2.7.2.4.1	Test Case 1 – Initiate Call Alert Request from DMC			
306	2.7.2.4.2	Test Case 2 – Initiate Call Alert Request from SU 1			
307	<b>2.7.3</b>	<b>Radio Check</b>			
308	2.7.3.4.1	Test Case 1 – Initiate Radio Check from DMC			
309	<b>2.7.4</b>	<b>Radio Unit Inhibit</b>			
310	2.7.4.4.1	Test Case 1 – Radio Unit Inhibit from DMC			
311	<b>2.7.5</b>	<b>Radio Unit Uninhibit</b>			
312	2.7.5.4.1	Test Case 1 – Radio Unit Uninhibit from DMC			
313	<b>2.7.6</b>	<b>Message Update</b>			
314	2.7.6.4.1	Test Case 1 – Message Update from DMC			
315	2.7.6.4.2	Test Case 2 – DMC to Group Message Update			
316	2.7.6.4.3	Test Case 3 – SU 1 to DMC Message Update			
317	2.7.6.4.4	Test Case 4 – SU 1 to Group Message Update			
318	<b>2.7.7</b>	<b>Status Update</b>			
319	2.7.7.4.1	Test Case 1 – Status Update from SU 1 to DMC			
320	2.7.7.4.2	Test Case 2 – Talk Group Status Update Initiated by SU 1			
321	<b>2.7.8</b>	<b>Status Query</b>			
322	2.7.8.4.1	Test Case 1 – Status Query Initiated by DMC			
323	<b>2.7.9</b>	<b>Radio Unit Monitor</b>			
324	2.7.9.4.1	Test Case 1 – Radio Unit Monitor Initiated by DMC – Group Call			

Row	Test Case	Description	Product 1 Result	Product 2 Result	Product 3 Result
325	2.7.9.4.2	Test Case 2 – Radio Unit Monitor Initiated by DMC – Unit-to-Unit Call			

Rows 288-325: In their respective columns, the vendor shall provide test case results for the representative products from a minimum of three different vendors. More ‘Product Result’ columns may be added if more representative products are tested.

### 19.9 Trunked Subscriber Unit Interoperability - FDMA

The trunked interoperability (FDMA) test case results section of the Model Name worksheet is introduced by the banner shown below. It is noted that the 2017 CAB adds supplementary test cases to this trunked FDMA interoperability test section. These additional test cases are not applicable to the 2016 CAB. The 2017 CAB supplementary data test cases are noted as being 2017 CAB test cases in the test case results table. If submitting under 2016 CAB testing, leave noted supplementary data test case result cell empty.

Table 39. Banner for Trunked Subscriber Unit - FDMA Interoperability Testing

row	Trunked Subscriber Unit Interoperability - FDMA (2017 CAB)	Trunked Subscriber Unit Interoperability - FDMA (2016 CAB)
329	CAB Test Section Identification	CAB Test Section Identification
330	P25-CAB-CAI_TEST_REQ – July 2017, Section 2.1.3.4 - Trunked Subscriber Unit Interoperability - FDMA (Phase 1)	P25-CAB-CAI_TEST_REQ – August 2016, Section 2.1.3.3 - Trunked Mode Operation

#### 19.9.1 Representative Trunked Base Station Repeater Products Tested with the Subscriber Unit for Trunked Interoperability - FDMA

Interoperability testing requires that the vendor test against equipment from three representative equipment vendors. The vendor states the representative base station repeater vendor name and the model name of the equipment from the representative base station repeater vendor. Each of the representative products is given a Product No. that correlates to the ‘Product [x] Result’ column in the test case results table directly below the representative equipment table.

The DTR Identifier is stated for each of the three representative base station repeater vendors. Table rows can be added if there are more than three vendor names.

Table 40. Representative Trunked Base Station Repeater Products Tested with the Subscriber Unit for Trunked Interoperability - FDMA

row	Base Station Repeater Vendor	Model Name	Product No.	Detailed Test Report Identifier
334	[Vendor_Name]	[Model Name]	1	[DTR-P25CAPxxxxxx]
335	[Vendor_Name]	[Model Name]	2	[DTR-P25CAPxxxxxx]
336	[Vendor_Name]	[Model Name]	3	[DTR-P25CAPxxxxxx]

Rows 334-336: In their respective columns, the vendor shall provide the Subscriber Vendor name and the Model Names for the representative equipment that was tested. The DTR Identifier that corresponds to the tested representative equipment shall be recorded in the ‘Detailed Test Report Identifier’ column. Each representative product shall be numbered in the Product No. column. This product number corresponds to the ‘Product (x) Result’ column found in the Test Case Results table that follows this table.

### 19.9.2 Trunked Subscriber Unit Interoperability Test Case Results - FDMA

The table below is used to capture the test case results for this test section. These test cases are independent of frequency band. Any frequency band may be used for these test cases. Please note the correspondence between the numbers in the column cells labeled ‘Product No.’ of the representative Products table and the multiple column cells labeled ‘Product [x] Result’ of the Test Case Results table. For clarity, ‘Product No. 1’ of the representative products table corresponds with ‘Product 1 Results’ of the test case results table; ‘Product No. 2’ corresponds with ‘Product 2 Results’; ‘Product No. 3’ corresponds with ‘Product 3 Results’; and so on. Table columns can be added if there are more than three vendor names.

The Test Case Results Table is used for both the 2016 and 2017 CAB. The 2016 CAB included the test cases that were originally included in the 2010 CAB. The 2017 CAB added the Group Call Interrupt test case plus additional Supplementary Data test cases.

The following testing applies for the 2016 Test Requirements CAB: Full Registration, Group Voice Call (except Group Call Interrupt), Unit to Unit Voice Call, Broadcast Voice Call, Affiliation, Announcement Group Call, Emergency Alarm, Emergency Group Call, Encryption, and Intra-location Registration Area Roaming.

The following testing applies for the 2017 Test Requirements CAB: Deregistration, System Call, Call Alert, Short Message, Status Query, Status Update, Radio Unit Monitoring, Radio Unit Disable/Re-enable, and Radio Check.

If testing under the 2016 Test Requirements CAB, leave the 2017 CAB Test Case result table cells empty.

Table 41. Trunked Subscriber Unit Interoperability Tests - FDMA

row	Test Case	Description	Product 1 Home Result	Product 1 Inter-SYS Roaming Result	Product 1 Inter-WACN Roaming Result	Product 2 Home Result	Product 2 Inter-SYS Roaming Result	Product 2 Inter-WACN Roaming Result	Product 3 Home Result	Product 3 Inter-SYS Roaming Result	Product 3 Inter-WACN Roaming Result
343	<b>2.2.1</b>	<b>Full Registration</b>									
344	2.2.1.4.1	Test Case 1 – Valid Registration									
345	2.2.1.4.2	Test Case 2 – Denied or Refused Registration									
346	2.2.1.4.3	Test Case 3 – Unverified Registration									
347	<b>2.2.2</b>	<b>Group Voice Call</b>									
348	2.2.2.4.1	Test Case 1 – Group Call Granted									
349	2.2.2.4.2	Test Case 2 – Group Call Denied									
350	2.2.2.4.3	Test Case 3 – Group Call Request Queued									
351	2.2.2.4.4	Test Case 4 – Group Call Interrupt ***									
352	<b>2.2.3</b>	<b>Unit-to-Unit Voice Call</b>									
353	2.2.3.4.1	Test Case 1 – Unit-to-Unit Call with Target Availability Check									
354	2.2.3.4.2	Test Case 2 - Unit-to-Unit Call with Target Availability Check- Denied by Target									
355	2.2.3.4.3	Test Case 3 – Unit-to-Unit Call Queued with Target Availability Check – Traffic Channel Assignment After Target Availability Check									
356	2.2.3.4.4	Test Case 4 – Unit-to-Unit Call Queued with Target Availability Check – Traffic Channel Assignment Before Target Availability Check									

row	Test Case	Description	Product 1 Home Result	Product 1 Inter-SYS Roaming Result	Product 1 Inter-WACN Roaming Result	Product 2 Home Result	Product 2 Inter-SYS Roaming Result	Product 2 Inter-WACN Roaming Result	Product 3 Home Result	Product 3 Inter-SYS Roaming Result	Product 3 Inter-WACN Roaming Result
357	2.2.3.4.5	Test Case 5 – Unit-to-Unit Call without Target Availability Check									
358	2.2.3.4.6	Test Case 6 – Unit-to-Unit Call Queued without Target Availability Check									
359	2.2.3.4.7	Test Case 7 – Unit-to-Unit Call Denied									
360	<b>2.2.4</b>	<b>Broadcast Voice Call</b>									
361	2.2.4.4.1	Test Case 1 – Broadcast Voice Call									
362	<b>2.2.5</b>	<b>Affiliation</b>									
363	2.2.5.4.1	Test Case 1 – Radio Permitted to Affiliate with New Group									
364	2.2.5.4.2	Test Case 2 – Radio Denied Affiliation to New Group									
365	<b>2.2.6</b>	<b>Announcement Group Call</b>									
366	2.2.6.4.1	Test Case 1 – Collection of Talk Groups Receive Call									
367	<b>2.2.7</b>	<b>Emergency Alarm</b>									
368	2.2.7.4.1	Test Case 1 – Emergency Alarm									
369	<b>2.2.8</b>	<b>Emergency Group Call</b>									
370	2.2.8.4.1	Test Case 1 – Emergency Call									
371	<b>2.2.10</b>	<b>Encryption</b>									
372	2.2.10.4.1	Test Case 1 – Call Privacy for Encrypted Call									
373	<b>2.2.11</b>	<b>Intra-Location Registration Area Roaming</b>									
374	2.2.11.4.1	Test Case 1 – Idle Radio									

row	Test Case	Description	Product 1 Home Result	Product 1 Inter-SYS Roaming Result	Product 1 Inter-WACN Roaming Result	Product 2 Home Result	Product 2 Inter-SYS Roaming Result	Product 2 Inter-WACN Roaming Result	Product 3 Home Result	Product 3 Inter-SYS Roaming Result	Product 3 Inter-WACN Roaming Result
375	<b>2.2.13</b>	<b>Deregistration ***</b>									
376	2.2.13.4.1	Test Case 1 – Deregistration									
377	<b>2.2.14</b>	<b>System Call ***</b>									
378	2.2.14.4.1	Test Case 1 – System Call									
379	<b>2.2.15</b>	<b>Call Alert ***</b>									
380	2.2.15.4.1	Test Case 1 – Call Alert									
381	<b>2.2.16</b>	<b>Short Message ***</b>									
382	2.2.16.4.1	Test Case 1 – Short Message									
383	<b>2.2.17</b>	<b>Status Query ***</b>									
384	2.2.17.4.1	Test Case 1 – Status Query									
385	<b>2.2.18</b>	<b>Status Update ***</b>									
386	2.2.18.4.1	Test Case 1 – Status Update									
387	<b>2.2.19</b>	<b>Radio Unit Monitoring ***</b>									
388	2.2.19.4.1	Test Case 1 – Individual Non-Silent									
389	2.2.19.4.2	Test Case 2 – Individual Silent									
390	2.2.19.4.3	Test Case 3 – Group Non-Silent									
391	2.2.19.4.4	Test Case 4 – Group Silent									
392	<b>2.2.20</b>	<b>Radio Unit Disable/Re-Enable ***</b>									
393	2.2.20.4.1	Test Case 1 – Radio Unit Disable									
394	2.2.20.4.2	Test Case 2 – Radio Unit Re-Enable									
395	<b>2.2.21</b>	<b>Radio Check ***</b>									
396	2.2.21.4.1	Test Case 1 – Radio Check Successful									

\*\*\* Leave test case result empty if submitting under the 2016 Test Requirements CAB.

Rows 343-374 except row 351: These rows apply to the 2016 Test Requirements CAB. In their respective columns, the vendor shall provide test case results of representative products from a minimum of three different vendors. More 'Product Result' columns may be added if more representative products are tested. If testing under the 2016 Test Requirements CAB, leave the 2017 Test Requirements CAB test case result table cells empty.

Rows 375-396 including row 351: These rows apply to the 2017 Test Requirements CAB. In their respective columns, the vendor shall provide test case results of representative products from a minimum of three different vendors. More 'Product Result' columns may be added if more representative products are tested. If testing under the 2016 Test Requirements CAB, leave the 2017 Test Requirements CAB test case result table cells empty.

## 19.10 Trunked Subscriber Unit Interoperability - TDMA

The trunked interoperability (TDMA) test case results section of the Model Name worksheet is introduced by the banner shown below. The TDMA test cases are for the TDMA features that involved the assignment of a TDMA channel resource. Features that are supported on the trunked control channel are not retested in this TDMA interoperability test section. If submitting under 2016 CAB testing, leave the TDMA Test Case Results table empty.

Table 42. Banner for Trunked Subscriber Unit - TDMA Interoperability Testing

Row	<b>Trunked Subscriber Unit Interoperability - TDMA (2017 CAB only, leave empty for 2016 CAB)</b>
401	<b>CAB Test Section Identification</b>
402	P25-CAB-CAI_TEST_REQ – July 2017, Section 2.1.3.5 - Trunked Subscriber Unit Interoperability - TDMA (Phase 2)

### 19.10.1 Representative Trunked Base Station Repeater Products Tested with the Subscriber Unit for Trunked Interoperability - TDMA

Interoperability testing requires that the vendor test against equipment from three representative equipment vendors. The vendor states the representative base station repeater vendor name and the model name of the equipment from the representative base station repeater vendor. Each of the representative products is given a Product No. that correlates to the 'Product [x] Result' column in the test case results table directly below the representative equipment table.

The DTR Identifier is stated for each of the three representative base station repeater vendors. Table rows can be added if there are more than three vendor names.

Table 43. Representative Trunked Base Station Repeater Products Tested with the Subscriber Unit for Trunked Interoperability - TDMA

row	Base Station Repeater Vendor	Model Name	Product No.	Detailed Test Report Identifier
406	[Vendor_Name]	[Model Name]	1	[DTR-P25CAPxxxxxx]
407	[Vendor_Name]	[Model Name]	2	[DTR-P25CAPxxxxxx]
408	[Vendor_Name]	[Model Name]	3	[DTR-P25CAPxxxxxx]

Rows 406-408: In their respective columns, the vendor shall provide the Base Station Repeater Vendor name and the Model Names for the representative equipment that was tested. The DTR Identifier that corresponds to the tested representative equipment shall be recorded in the 'Detailed Test Report Identifier' column. Each representative product shall be numbered in the Product No. column. This product number corresponds to the 'Product (x) Result' column found in the Test Case Results table that follows this table.

### 19.10.2 Trunked Subscriber Unit Interoperability Test Case Results - TDMA

The table below is used to capture the test case results for this test section. These test cases are independent of frequency band. Any frequency band may be used for these test cases. Please note the correspondence between the numbers in the column cells labelled 'Product No.' of the Representative Products table and the multiple column cells labeled 'Product [x] Result' of the Test Case Results table. For clarity, 'Product No. 1' of the Representative Products table corresponds with 'Product 1 Results' of the test case results table; 'Product No. 2' corresponds with 'Product 2 Results'; 'Product No. 3' corresponds with 'Product 3 Results'; and so on. Table columns can be added if there are more than three vendor names.

Table 44. Trunked Subscriber Unit Interoperability Tests - TDMA

row	Test Case	Description	Product 1 Home Result	Product 1 Inter-SYS Roaming Result	Product 1 Inter-WACN Roaming Result	Product 2 Home Result	Product 2 Inter-SYS Roaming Result	Product 2 Inter-WACN Roaming Result	Product 3 Home Result	Product 3 Inter-SYS Roaming Result	Product 3 Inter-WACN Roaming Result
414	<b>2.2.1</b>	<b>Full Registration</b>									
415	2.2.1.4.1	Test Case 1 – Valid Registration									
416	<b>2.2.2</b>	<b>Group Voice Call</b>									
417	2.2.2.4.1	Test Case 1 – Group Call Granted									



row	Test Case	Description	Product 1 Home Result	Product 1 Inter-SYS Roaming Result	Product 1 Inter-WACN Roaming Result	Product 2 Home Result	Product 2 Inter-SYS Roaming Result	Product 2 Inter-WACN Roaming Result	Product 3 Home Result	Product 3 Inter-SYS Roaming Result	Product 3 Inter-WACN Roaming Result
418	2.2.2.4.3	Test Case 3 – Group Call Request Queued									
419	2.2.2.4.4	Test Case 4 – Group Call Interrupt									
420	<b>2.2.3</b>	<b>Unit-to-Unit Voice Call</b>									
421	2.2.3.4.1	Test Case 1 – Unit-to-Unit Call with Target Availability Check									
422	2.2.3.4.3	Test Case 3 – Unit-to-Unit Call Queued with Target Availability Check – Traffic Channel Assignment After Target Availability Check									
423	2.2.3.4.4	Test Case 4 – Unit-to-Unit Call Queued with Target Availability Check – Traffic Channel Assignment Before Target Availability Check									
424	2.2.3.4.5	Test Case 5 – Unit-to-Unit Call without Target Availability Check									
425	2.2.3.4.6	Test Case 6 – Unit-to-Unit Call Queued without Target Availability Check									
426	<b>2.2.4</b>	<b>Broadcast Voice Call</b>									
427	2.2.4.4.1	Test Case 1 – Broadcast Voice Call									
428	<b>2.2.6</b>	<b>Announcement Group Call</b>									
429	2.2.6.4.1	Test Case 1 – Collection of Talk Groups Receive Call									
430	<b>2.2.8</b>	<b>Emergency Group Call</b>									
431	2.2.8.4.1	Test Case 1 – Emergency Call									
432	<b>2.2.10</b>	<b>Encryption</b>									

row	Test Case	Description	Product 1 Home Result	Product 1 Inter-SYS Roaming Result	Product 1 Inter-WACN Roaming Result	Product 2 Home Result	Product 2 Inter-SYS Roaming Result	Product 2 Inter-WACN Roaming Result	Product 3 Home Result	Product 3 Inter-SYS Roaming Result	Product 3 Inter-WACN Roaming Result
433	2.2.10.4.1	Test Case 1 – Call Privacy for Encrypted Call									
434	<b>2.2.14</b>	<b>System Call</b>									
435	2.2.14.4.1	Test Case 1 – System Call									
436	<b>2.2.19</b>	<b>Radio Unit Monitoring</b>									
437	2.2.19.4.1	Test Case 1 – Individual Non-Silent									
438	2.2.19.4.2	Test Case 2 – Individual Silent									
439	2.2.19.4.3	Test Case 3 – Group Non-Silent									
440	2.2.19.4.4	Test Case 4 – Group Silent									
441	<b>2.2.26</b>	<b>Transmitting Subscriber Forced Preemption</b>									
442	2.2.26.4.1	Test Case 1 – TDMA SU Forced Audio Preemption									
443	2.2.26.4.2	Test Case 2 – TDMA SU Forced Emergency Call Ruthless Preemption									

Rows 414-443: In their respective columns, the vendor shall provide test case results for the representative products from a minimum of three different vendors. More ‘Product Result’ columns may be added if more representative products are tested.