

Public Comment Feedback Matrix for Draft Baseline Common Air Interface
Testing Requirements, Including Time Division Multiple Access (TDMA)
Compliance Assessment Bulletin
July 2017

#	Received Comment	P25 CAP/OIC Response
1	<p>The first sentence states: <i>“Federal grant guidance states grant applicants using funds to purchase P25 equipment must obtain SDOC and STR documents...”</i></p> <p>The document: “FY 2016 SAFECOM Guidance FINAL 508C.pdf” does not state this and, in fact, allows alternate proof of compliance and interoperability. Excerpted from Appendix B, page B-3: <i>“Securing documentation of compliance through the P25 CAP is strongly recommended.”</i></p> <p>We suggest that a reference be provided to support the current text, or that there be a clarification of the current text to align with the SAFECOM Guidance document.</p>	<p>The P25-CAB-CAI_TEST_REQ text has been updated to align with the SAFECOM Guidance document.</p>
2	<p>Reference 3 (Telecommunications Industry Association (TIA)-102.CABC-B) and reference 5 (TIA-102.CABC-B-1) have been replaced by TIA-102.CABC-C.</p>	<p>The P25-CAB-CAI_TEST_REQ references have been updated to reflect this change.</p>
3	<p>The last sentence states: <i>“Execute tests in Table 9 in both frequency division multiple access (FDMA) and TDMA mode if both the subscriber unit (SU) and radio frequency subsystem (RFSS) support TDMA mode.”</i></p> <p>Table 12 follows this statement and is labeled as: <i>“Trunking Interoperability SU Tests (FDMA)”</i> and the right column of Table 12 references TIA-102.CABC-B, which is FDMA Trunking Interoperability tests.</p> <p>In the excerpted text, we believe “Table 9” is the wrong reference.</p> <p>Also, since section 2.1.3.3 contains separate tables for FDMA and TDMA, we believe the sentence should be clarified to instruct the use of the tests in both tables 12 and 13 if both the SU and RFSS support TDMA voice channel operation.</p> <p>We also suggest that section 2.1.3.3 be split into 2 subsections: one for FDMA and one for TDMA to follow the style of the Performance testing sections, which put FDMA and TDMA tests in separate subsections. Each of the suggested subsections would then have introductory text specific to FDMA or TDMA testing.</p>	<p>The P25-CAB-CAI_TEST_REQ has implemented the suggestions provided by the comment.</p>
4	<p>This table duplicates the tests listed for FDMA in Table 12. Referring to TIA-102.CABC-B-1, Table 5, the following tests are not unique to TDMA:</p> <ul style="list-style-type: none"> 2.2.1.4.2 2.2.1.4.3 2.2.2.4.2 2.2.3.4.2 2.2.5.4.1 2.2.5.4.2 2.2.7.4.1 2.2.11.4.1 <p>We suggest these tests be deleted from the TDMA table. The remaining tests in a revised version of Table 13 would then be executed, in addition to the Table 12 tests if both the SU and RFSS support TDMA voice channel operation.</p>	<p>The P25-CAB-CAI_TEST_REQ has implemented the suggestions provided by the comment.</p>

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5	<p>We suggest this section 2.2.3.2 be split into 2 subsections: one for FDMA and one for TDMA to follow the style of the Performance testing sections, which put FDMA and TDMA tests in separate subsections. Each of the suggested subsections would then have introductory text specific to FDMA or TDMA testing.</p>	<p>The P25-CAB-CAI_TEST_REQ has implemented the suggestions provided by the comment.</p>
6	<p>This table duplicates the tests listed for FDMA in Table 23. Referring to TIA-102.CABC-B-1, Table 5, the following tests are not unique to TDMA:</p> <ul style="list-style-type: none"> 2.2.1.4.2 2.2.1.4.3 2.2.2.4.2 2.2.3.4.2 2.2.5.4.1 2.2.5.4.2 2.2.7.4.1 2.2.11.4.1 <p>We suggest these tests be deleted from the TDMA table. The remaining tests in a revised version of Table 24 would then be executed in addition to the Table 23 tests if both the SU and RFSS support TDMA voice channel operation.</p>	<p>The P25-CAB-CAI_TEST_REQ has implemented the suggestions provided by the comment.</p>
7	<p>In Table 25, the documents listed in the “<i>Reference</i>” column have multiple published versions. Each version has the same title (which is used in the reference).</p> <p>We suggest that DHS determine a method that allows referencing specific versions of CABs rather than using the title of the CAB, which may have multiple versions.</p>	<p>This table refers to sections within the CAB document itself. There is no intent to reference each CAB section independently within other CAB versions.</p>
8	<p>Section 2.1.3.3 <i>Trunked Mode SU Operation</i> states that “P25 SUs capable of trunked mode operation shall be tested for interoperability in accordance with TIA-102.CABC-B [3].” We suggest also referencing TIA-102.CABC-B-1 [5] as the purpose of this addendum is the addition of provisions for the testing of TDMA.</p>	<p>The P25-CAB-CAI_TEST_REQ references have been updated in TIA-102.CABC-C.</p>
9	<p>Section 2.2.1 calls out “ANSI/TIA-102.CAAA-D [1].” This should be “ANSI/TIA-102.CAAA-E [1]” as it is in the Normative References and Subscriber Unit Performance sections of the document.</p>	<p>The P25-CAB-CAI_TEST_REQ references have been updated in TIA-102.CAAA-E.</p>
10	<p>Section 2.2.3.2 <i>Trunked Mode fixed network equipment (FNE) Operation</i> states that “P25 SUs capable of trunked mode operation shall be tested for interoperability in accordance with TIA-102.CABC-B [3].” We suggest also referencing TIA-102.CABC-B-1 [5] as the purpose of this addendum is the addition of provisions for the testing of TDMA.</p>	<p>The P25-CAB-CAI_TEST_REQ references have been updated in TIA-102.CABC-C.</p>