

Product Data Sheet – CCSTESTSä –HSMS-SS Unit

Type	Test Section
Part #	11104
Description	CCSTESTS E37.1 (HSMS-SS) Test Section is used to verify requirements as defined by SEMI® in its Equipment Automation/Software volume for the E37.1 (HSMS-SS) standard. This test section contains a set of automated, as well as manual test cases, to create positive and negative test conditions. Requires CCSEnVOY™ for run-time.
User	<p><i>Device Manufacturer:</i> Primarily uses CCSTESTS E37.1 (HSMS-SS) Test Section for source inspection acceptance tests or as part of delivery audit for E37.1 requirements.</p> <p><i>Equipment Supplier:</i> Used by the Test Engineer who is responsible for supplier internal system and QA testing of an equipment E37.1 communication interface. Development Engineers may also utilize this during development integration test phases.</p> <p><i>Systems Integrator:</i> A qualified Systems Integrator engineer would use this test section as part of the CCSPARTNERä program for performing CCSCERTIFYä services or during dry-run and integration tests.</p>
Test Groups	CCSTESTS E37.1 (HSMS-SS) Test Section contains over 15 automated test cases. The following are the test groups for the <i>E37.1 (HSMS-SS) Test Section</i> .
Group Outline	<ol style="list-style-type: none"> 1. Equipment in Passive Mode 2. Error Messages (S9Fx) - E37.1 header 3. Equipment in Active Mode
Licensing	End-User License Agreement (EULA) required.

**Full
Outline**

1. TG-5713 Establish Communications
 1. 1. TC-5714 Host initiated establish communications
2. TG-5715 Equipment in Passive Mode
 2. 1. TC-5716 Issue SELECT and check for successful response.
 2. 2. TC-5717 Check for T7 timeout.
 2. 3. TC-5718 Issue SEPARATE and check for disconnect.
 2. 4. TC-5719 Issue illegal S-Type message and check for Reject. (Optional)
 2. 5. TC-5720 Issue illegal P-Type message and check for Reject. (Optional)
 2. 6. TC-5721 Issue unexpected response message and check for Reject. (Optional)
 2. 7. TC-5722 Issue Linktest and check for correct response.
 2. 8. TC-5723 Issue Linktest while not in SELECT state and check for Reject. (Optional)
 2. 9. TC-5726 Issue CONNECT, SEPARATE and check for response.
3. TG-5727 Error Messages (S9Fx) - E37.1 header
 3. 1. TC-5728 Message fault due to unrecognized device ID (E37).
 3. 2. TC-5729 Message fault due to unrecognized stream type (E37).
 3. 3. TC-5730 Message fault due to unrecognized function type (E37).
 3. 4. TC-5731 Message fault due to illegal data format (E37).
 3. 5. TC-5732 Communications fault due to transaction timer timeout (E37).
 3. 6. TC-5733 Issue S1F1 without SELECT and check for Reject. (Optional)
4. TG-5734 Equipment in Active Mode
 4. 1. TC-5735 Issue SEPARATE and check for disconnect.
 4. 2. TC-5736 Check for T7 timeout.
 4. 3. TC-5737 Issue SELECT and check for 'SELECT failed' response.