

| | | | | | |
|--|---|---|--|--|---|
| Prüfbericht-Nr.: <i>Test Report No.:</i> | 60393934 001 | Auftrags-Nr.: <i>Order No.:</i> | 244243205 | Seite 1 von 16 Page 1 of 16 | |
| Kunden-Referenz-Nr.: <i>Client Reference No.:</i> | 2173023 | Auftragsdatum: <i>Order date:</i> | 2020-06-01 | | |
| Auftraggeber: <i>Client:</i> | EAST Group Co., Ltd. No. 6 Northern Industry Road, Songshan Lake Sci & Tech industry Zone, Dongguan City, Guangdong, P.R. China | | | | |
| Prüfgegenstand: <i>Test item:</i> | communication control system of electric vehicle supply equipment | | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i> | EVDC-80KW-9YHW-1 | | | | |
| Auftrags-Inhalt: <i>Order content:</i> | Conformance tests for digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging in the Combined Charging System | | | | |
| Prüfgrundlage: <i>Test specification:</i> | DIN SPEC 70121: 2014/ DIN SPEC 70122: 2018 | | | | |
| Wareneingangsdatum: <i>Date of receipt:</i> | 05-27-2020 | | | | |
| Prüfmuster-Nr.: <i>Test sample No.:</i> | Engineering Sample | | | | |
| Prüfzeitraum: <i>Testing period:</i> | 05.27.2020~07.10.2020 | | | | |
| Ort der Prüfung: <i>Place of testing:</i> | TÜV Rheinland (Shanghai) Co., Ltd | | | | |
| Prüflaboratorium: <i>Testing laboratory:</i> | TÜV Rheinland (Shanghai) Co., Ltd | | | | |
| Prüfergebnis*: <i>Test result*:</i> | Pass | | | | |
| geprüft von / tested by: 07-13-2020 Perry Ding / PE | | | kontrolliert von / reviewed by: 07-14-2020 Hao Zheng / TC | | |
| Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> | Unterschrift <i>Signature</i> | Datum <i>Date</i> | Name / Stellung <i>Name / Position</i> | Unterschrift <i>Signature</i> |
| Sonstiges / Other: This report is according to the standard of DIN SPEC 70121:2014 and DIN SPEC 70122:2018, and it is focusing on the communication protocols of EV Supply Equipment Communication Control system. | | | | | |
| Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i> | | | Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i> | | |
| * Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested | | | | | |
| Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i> | | | | | |



| TEST REPORT DIN SPEC 70122:2018 Conformance tests for digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging in the Combined Charging System | |
|--|--|
| Report Reference No. | 60393934 001 |
| Date of issue..... | See cover page |
| Total number of pages | See cover page |
| Testing Laboratory | TÜV Rheinland (Shanghai) Co., Ltd. |
| Address | No.177, Lane 777, West Guangzhong Road, Jing' an District, Shanghai 200072, P. R. China |
| Applicant's name | EAST Group Co., Ltd. |
| Address | No. 6 Northern Industry Road, Songshan Lake Sci & Tech industry Zone, Dongguan City, Guangdong, P.R. China |
| Test specification: | |
| Standard | DIN SPEC 70121:2014/ DIN SPEC 70122: 2018 |
| Test procedure | Type test |
| Non-standard test method..... | N/A |
| Test Report Form No. | |
| Test Report Form(s) Originator. | TÜV Rheinland |
| Master TRF | Dated 2018-05 |
| Test item description | charging control system of electric vehicle supply equipment |
| Trade Mark | EAST |
| Manufacturer | EAST Group Co., Ltd. |
| Model/Type reference..... | EVDC-80KW-9YHW-1 |
| Ratings | DC 7-30V |

Summary of testing:

Attached test case record

Tests performed (name of test and test clause):

- 1.TC_SECC_VTB_CmSlacParm
- 2.TC_SECC_VTB_AttenuationCharacterization
- 3.TC_SECC_VTB_CmValidate
- 4.TC_SECC_VTB_CmSlacMatch
- 5.TC_SECC_VTB_PLCLinkStatus
- 6.TC_SECC_VTB_V2GTPSessionSetup
- 7.TC_SECC_VTB_V2GTPSDP
- 8.TC_SECC_VTB_SDP
- 9.TC_SECC_VTB_SupportedAppProtocol
- 10.TC_SECC_VTB_SessionSetup
- 11.TC_SECC_VTB_ServiceDiscovery
- 12.TC_SECC_VTB_ServicePaymentSelection
- 13.TC_SECC_VTB_ContractAuthentication
- 14.TC_SECC_VTB_ChargeParameterDiscovery
- 15.TC_SECC_VTB_CableCheck
- 16.TC_SECC_VTB_PreCharge
- 17.TC_SECC_VTB_PowerDelivery
- 18.TC_SECC_VTB_CurrentDemand
- 19.TC_SECC_VTB_WeldingDetection
- 20.TC_SECC_VTB_SessionStop
- 21.TC_SECC_VTB_IOP_SDP
- 22.TC_SECC_VTB_IOP_SupportedAppProtocol

Testing location:

All the tests were performed at the laboratory of
TÜV Rheinland (Shanghai) Co., Ltd.

Copy of marking plate:**N/A, Sub-assemble**

| | |
|---|-------------------------|
| Test item particulars | : |
| Classification of installation and use | : Insert Board |
| Supply Connection..... | : N/A |
| Possible test case verdicts: | |
| - test case does not apply to the test object..... | : N/A |
| - test object does meet the requirement | : P(Pass) |
| - test object does not meet the requirement | : F(Fail) |
| Testing | |
| Date of receipt of test item | : 05.27.2020 |
| Date (s) of performance of tests | : 05.27.2020~07.10.2020 |
| General remarks: | |
| The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. | |
| "(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. | |
| Throughout this report a comma is used as the decimal separator. | |
| General product information: | |
| It is communication control system of electric vehicle supply equipment which consist of 3 parts, one is main board of EVSE charging controller , one is supply equipment communication controller (SECC) and one is LED display and monitor controller.communication controller. This products will be installed in the following manufacturer's model : EVDC-80KW-9YHW-1, EVDC-40KW-9YHW-1 SECC does not support Amplitude map exchange function | |

| DIN SPEC 70122:2018 | | | |
|---------------------|---|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| 1. | TC_SECC_VTB_CmSlacParm_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacParm_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacParm_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacParm_004 | See Attachment of test case record | P |
| 2. | TC_SECC_VTB_AttenuationCharacterization_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_008 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_009 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_010 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_011 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_012 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_013 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_014 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_015 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_016 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_017 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_018 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_019 | See Attachment of test case record | P |
| | TC_SECC_VTB_AttenuationCharacterization_020 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|---|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_AttenuationCharacterization_021 | See Attachment of test case record | P |
| 3. | TC_SECC_VTB_CmValidate_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_008 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_009 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmValidate_010 | PIXI requirement is not satisfied | N/A |
| | TC_SECC_VTB_CmValidate_011 | PIXI requirement is not satisfied | N/A |
| | TC_SECC_VTB_CmValidate_012 | PIXI requirement is not satisfied | N/A |
| 4. | TC_SECC_VTB_CmSlacMatch_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_008 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_009 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|-----------------------------------|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_CmSlacMatch_010 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_011 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_012 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_013 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_014 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_015 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_016 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_017 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_018 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_019 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_020 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_021 | See Attachment of test case record | P |
| | TC_SECC_VTB_CmSlacMatch_022 | See Attachment of test case record | P |
| 5. | TC_SECC_VTB_PLCLinkStatus_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_PLCLinkStatus_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_PLCLinkStatus_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_PLCLinkStatus_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_PLCLinkStatus_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_PLCLinkStatus_006 | See Attachment of test case record | P |
| 6. | TC_SECC_VTB_V2GTPSessionSetup_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_V2GTPSessionSetup_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_V2GTPSessionSetup_003 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|---|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_V2GTPSessionSetup_004 | See Attachment of test case record | P |
| 7. | TC_SECC_VTB_V2GTPSDP_001 | See Attachment of test case record | P |
| 8. | TC_SECC_VTB_SDP_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_SDP_002 | See Attachment of test case record | P |
| 9. | TC_SECC_VTB_SupportedAppProtocol_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_SupportedAppProtocol_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_SupportedAppProtocol_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_SupportedAppProtocol_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_SupportedAppProtocol_005 | See Attachment of test case record | P |
| 10. | TC_SECC_VTB_SessionSetup_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionSetup_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionSetup_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionSetup_004 | See Attachment of test case record | P |
| 11. | TC_SECC_VTB_ServiceDiscovery_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServiceDiscovery_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServiceDiscovery_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServiceDiscovery_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServiceDiscovery_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServiceDiscovery_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServiceDiscovery_007 | EVSE doesn't support dC_core | N/A |
| | TC_SECC_VTB_ServiceDiscovery_008 | See Attachment of test case record | P |
| 12 | TC_SECC_VTB_ServicePaymentSelection_001 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|--|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_ServicePaymentSelection_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServicePaymentSelection_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServicePaymentSelection_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServicePaymentSelection_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServicePaymentSelection_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServicePaymentSelection_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_ServicePaymentSelection_008 | See Attachment of test case record | P |
| 13 | TC_SECC_VTB_ContractAuthentication_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_ContractAuthentication_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_ContractAuthentication_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_ContractAuthentication_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_ContractAuthentication_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_ContractAuthentication_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_ContractAuthentication_007 | See Attachment of test case record | P |
| 14 | TC_SECC_VTB_ChargeParameterDiscovery_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_ChargeParameterDiscovery_008 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|--|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_ChargeParameterDiscovery_009 | See Attachment of test case record | P |
| 15 | TC_SECC_VTB_CableCheck_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_008 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_009 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_010 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_011 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_012 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_013 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_014 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_015 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_016 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_017 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_018 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_019 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_020 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_021 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|-------------------------------|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_CableCheck_022 | See Attachment of test case record | P |
| | TC_SECC_VTB_CableCheck_023 | See Attachment of test case record | P |
| 16 | TC_SECC_VTB_PreCharge_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_PreCharge_008 | See Attachment of test case record | P |
| 17 | TC_SECC_VTB_PowerDelivery_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_007 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_008 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_009 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_010 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_011 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_012 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|----------------------------------|------------------------------------|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_PowerDelivery_013 | See Attachment of test case record | P |
| | TC_SECC_VTB_PowerDelivery_014 | See Attachment of test case record | P |
| 18 | TC_SECC_VTB_CurrentDemand_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_CurrentDemand_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_CurrentDemand_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_CurrentDemand_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_CurrentDemand_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_CurrentDemand_006 | See Attachment of test case record | P |
| 19 | TC_SECC_VTB_WeldingDetection_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_WeldingDetection_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_WeldingDetection_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_WeldingDetection_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_WeldingDetection_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_WeldingDetection_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_WeldingDetection_007 | See Attachment of test case record | P |
| 20 | TC_SECC_VTB_SessionStop_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_006 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_007 | See Attachment of test case record | P |

| DIN SPEC 70122:2018 | | | |
|---------------------|--|---|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_SessionStop_008 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_009 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_010 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_011 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_012 | See Attachment of test case record | P |
| | TC_SECC_VTB_SessionStop_013 | See Attachment of test case record | P |
| 21 | TC_SECC_VTB_IOP_CmSlacParm_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_CmSlacParm_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_CmSlacParm_003 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_CmSlacParm_004 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_CmSlacParm_005 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_CmSlacParm_006 | See Attachment of test case record | P |
| 21 | TC_SECC_VTB_IOP_SDP_001 | EVSE not support TLS | N/A |
| | TC_SECC_VTB_IOP_SDP_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_SDP_003 | EVSE not support TLS | N/A |
| | TC_SECC_VTB_IOP_SDP_004 | See Attachment of test case record | P |
| 22 | TC_SECC_VTB_IOP_SupportedAppProtocol_001 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_SupportedAppProtocol_002 | See Attachment of test case record | P |
| | TC_SECC_VTB_IOP_SupportedAppProtocol_003 | SECC support both ISO 15118 and DIN 70121 | N/A |
| 23 | TC_SECC_VTB_CmAmpMap_001 | Optional function and not supported by SECC | N/A |
| | TC_SECC_VTB_CmAmpMap_002 | Optional function and not supported by SECC | N/A |
| | TC_SECC_VTB_CmAmpMap_003 | Optional function and not supported by SECC | N/A |

| DIN SPEC 70122:2018 | | | |
|---------------------|--------------------------|--|---------|
| Clause | Requirement - Test | Result - Remark | Verdict |
| | TC_SECC_VTB_CmAmpMap_004 | Optional function and not provided by manufacturer | N/A |
| | TC_SECC_VTB_CmAmpMap_005 | Optional function and not provided by manufacturer | N/A |
| | TC_SECC_VTB_CmAmpMap_006 | Optional function and not provided by manufacturer | N/A |
| | TC_SECC_VTB_CmAmpMap_007 | Optional function and not provided by manufacturer | N/A |

Component list

| Object/part No. | Manufacturer/ trademark | Type/ model | Technical data | Version |
|---|----------------------------|-------------|----------------|-------------------------|
| Supply Equipment communication controller (SECC) | Gridwiz Inc | PEPPERMINT | DC 7V-30V | HW: RevF SW: V.3.0.4 |
| Supply Equipment Display and monitor controller | EAST Group Co., Ltd. | EVMU_01 | DC 5V | HW: V2.0 SW:V3.01 |
| Supply Equipment Charging controller (Main board) | EAST Group Co., Ltd. | EVSE_DC_CTL | AC 220V | HW:V.1.1 SW:0V.3.00 |

Measurement and Test Equipment List

| Description | MTE Type/model Internal ID | Next Calibration Date |
|-------------------------------------|----------------------------------|-----------------------|
| CCS DC EVSE Conformance Test System | HWSA-SE-PTS-RI | 2020-12-18 |

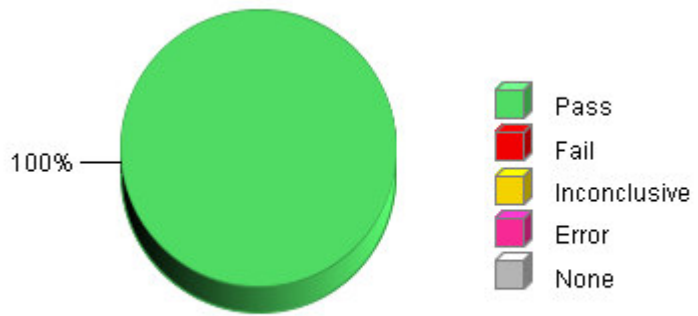
Test case record

Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group |
| Test Lab | TUV Rheiland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

Number of Test Cases 17
 Pass 17
 Fail 0
 Inconclusive 0
 Error 0
 None 0



Campaign Configuration

Campaign Name Testing_SECC_Errorcase_Group_CmValidate
 Campaign File Testing_SECC_Errorcase_Group_CmValidate.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name


Modules

Name TestCases_SECC_CmSlacMatch
 File Name TestCases_SECC_CmSlacMatch.jar
 Package generated_ttcn

Name TestCases_SECC_CmValidate
 File Name TestCases_SECC_CmValidate.jar
 Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-09 13:07:43.270 2020-07-09 13:08:15.104 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_006 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-09 13:09:33.142 2020-07-09 13:10:05.554 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_003 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:10:05.734 2020-07-09 13:10:38.010 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_004 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:10:38.080 2020-07-09 13:11:07.221 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_005 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:11:07.338 2020-07-09 13:11:36.638 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_006 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:11:36.857 2020-07-09 13:12:05.959 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_007 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:12:06.087 2020-07-09 13:12:35.447 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_008 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:12:35.565 2020-07-09 13:13:06.814 | TestCases_SECC_CmValidate.TC_S_ECC_VTB_CmValidate_009 | Test System executes GoodCase procedure on a first instance and then executes a GoodCase procedure in parallel on a second instance while the first instance is waiting for CM_VALIDATE. | pass | "CM_SLAC_PARM is correct." | UNKNOWN |
| 2020-07-09 13:13:06.901 2020-07-09 13:13:38.498 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_006 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:13:38.604 2020-07-09 13:14:10.156 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_008 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:14:10.225 2020-07-09 13:14:41.773 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_010 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:14:41.891 2020-07-09 13:15:13.500 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_012 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:15:13.576 2020-07-09 13:15:45.121 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_014 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:15:45.220 2020-07-09 13:16:16.577 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_016 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:16:16.689 2020-07-09 13:16:48.236 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_018 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:17:17.078 2020-07-09 13:17:48.553 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_022 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-09 13:18:19.990 2020-07-09 13:18:51.618 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_020 | Test System executes GoodCase procedure with SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |

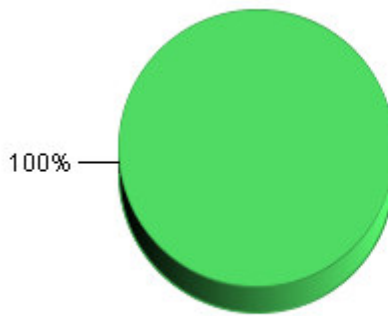


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 8 |
| Pass | 8 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |




Campaign Configuration

| | |
|---------------|--|
| Campaign Name | Testing_SECC_Errorcase_Group_Default |
| Campaign File | Testing_SECC_Errorcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


Modules

| | |
|-----------|---|
| Name | TestCases_SECC_SessionStop |
| File Name | TestCases_SECC_SessionStop.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSessionSetup |
| File Name | TestCases_SECC_V2GTPSessionSetup.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_WeldingDetection |
| File Name | TestCases_SECC_WeldingDetection.jar |
| Package | generated_ttcn |

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 18:01:48.244 2020-07-07 18:02:19.447 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_004 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:03:13.452 2020-07-07 18:03:44.717 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_005 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:04:28.541 2020-07-07 18:04:59.470 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_006 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:05:34.407 2020-07-07 18:06:05.292 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_007 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:06:13.943 2020-07-07 18:06:44.871 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_008 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:06:49.513 2020-07-07 18:07:20.354 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_009 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:07:38.531 2020-07-07 18:08:09.337 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_010 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 18:08:31.724 2020-07-07 18:09:02.727 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_011 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |

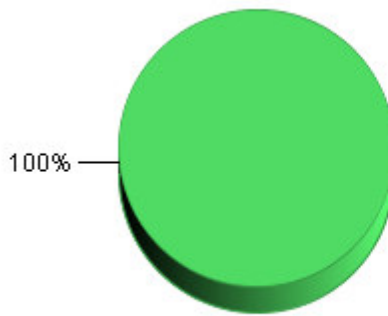


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 1 |
| Pass | 1 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |




Campaign Configuration

| | |
|---------------|--|
| Campaign Name | Testing_SECC_Errorcase_Group_Default |
| Campaign File | Testing_SECC_Errorcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

Name TestCases_SECC_SessionStop
File Name TestCases_SECC_SessionStop.jar
Package generated_ttcn

Name TestCases_SECC_SupportedAppProtocol
File Name TestCases_SECC_SupportedAppProtocol.jar
Package generated_ttcn

Name TestCases_SECC_V2GTPSessionSetup
File Name TestCases_SECC_V2GTPSessionSetup.jar
Package generated_ttcn

Name TestCases_SECC_WeldingDetection
File Name TestCases_SECC_WeldingDetection.jar
Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-08 14:31:16.679 2020-07-08 14:32:26.224 | TestCases_SECC_PLCLinkStatus.TC_SECC_VTB_PLCLinkStatus_006 | Test System executes GoodCase procedure and establishes a new AVLN. | pass | "Internal state range update was successful." | UNKNOWN |

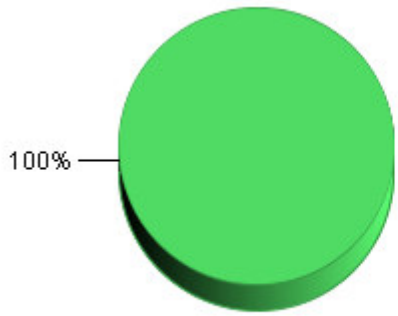


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|----|
| Number of Test Cases | 94 |
| Pass | 94 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |




Campaign Configuration

| | |
|---------------|--|
| Campaign Name | Testing_SECC_Errorcase_Group_Default |
| Campaign File | Testing_SECC_Errorcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

Name TestCases_SECC_SessionStop
 File Name TestCases_SECC_SessionStop.jar
 Package generated_ttcn


Name TestCases_SECC_SupportedAppProtocol
 File Name TestCases_SECC_SupportedAppProtocol.jar
 Package generated_ttcn

Name TestCases_SECC_V2GTPSessionSetup
 File Name TestCases_SECC_V2GTPSessionSetup.jar
 Package generated_ttcn

Name TestCases_SECC_WeldingDetection
 File Name TestCases_SECC_WeldingDetection.jar
 Package generated_ttcn


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 14:11:55.122 2020-07-07 14:12:25.576 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_CmSlacParm_002 | Test System executes GoodCase procedure, indicates the initial CP State B transition and sends an invalid 'applicationType' equals to 'FFH in the CM_SLAC_PARM. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:12:25.709 2020-07-07 14:12:55.853 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_CmSlacParm_003 | Test System executes GoodCase procedure, indicates the initial CP State B transition and sends an invalid 'securityType' equals to 'FFH in the CM_SLAC_PARM. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:12:55.988 2020-07-07 14:13:26.832 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_CmSlacParm_004 | Test System executes GoodCase procedure, indicates the initial CP State B transition, CP State A again and sends a CM_SLAC_PARM. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:17:30.407 2020-07-07 14:18:01.674 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_012 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:18:01.761 2020-07-07 14:18:32.496 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_013 | Test System executes GoodCase procedure, sends an invalid 'applicationType' equals to 'FFH in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:18:32.595 2020-07-07 14:19:03.390 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_014 | Test System executes GoodCase procedure, sends an invalid 'securityType' equals to 'FFH in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:19:03.639 2020-07-07 14:19:34.631 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_015 | Test System executes GoodCase procedure, sends an invalid 'numSounds' equals to '00'H in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:19:34.855 2020-07-07 14:20:05.669 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_016 | Test System executes GoodCase procedure, sends an invalid 'timeOut' equals to '00'H in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:20:05.778 2020-07-07 14:20:36.546 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_017 | Test System executes GoodCase procedure, sends an invalid 'respType' equals to '00'H in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 14:21:06.934 2020-07-07 14:21:37.725 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_021 | Test System executes GoodCase procedure, sends an invalid 'forwardingSta' in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:21:37.816 2020-07-07 14:22:18.320 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_005 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:22:18.433 2020-07-07 14:22:58.691 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_007 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:22:58.792 2020-07-07 14:23:39.081 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_009 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:23:39.173 2020-07-07 14:24:19.431 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_011 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:24:19.515 2020-07-07 14:24:59.778 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_013 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:24:59.897 2020-07-07 14:26:34.450 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_015 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:26:34.538 2020-07-07 14:27:14.935 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_017 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:27:15.038 2020-07-07 14:27:55.167 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_019 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:28:25.669 2020-07-07 14:29:17.517 | TestCases_SECC_PLCLinkStatus.TC_SECC_VTB_PLCLinkStatus_002 | Test System executes GoodCase procedure, establishes a new AVLN and initiates a plug out. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:29:47.908 2020-07-07 14:30:19.253 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_SupportedAppProtocol_002 | Test System executes GoodCase procedure and sends a SupportedAppProtocolReq message with an invalid DIN namespace and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:30:19.548 2020-07-07 14:31:50.443 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_SupportedAppProtocol_003 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a SDP response message with 'security' equals to '0x10'H. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:31:50.632 2020-07-07 14:32:21.878 | TestCases_SECC_SessionSetup.TC_SECC_VTB_SessionSetup_002 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a SessionSetupReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:36:11.372 2020-07-07 14:36:42.271 | TestCases_SECC_V2GTPSessionSetup.TC_SECC_VTB_V2GTPSessionSetup_002 | Test System executes GoodCase procedure and sends an invalid 'protocolVersion' equals to 'FFH' in the V2GTP header of the SessionSetupReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:36:42.375 2020-07-07 14:37:13.462 | TestCases_SECC_V2GTPSessionSetup.TC_SECC_VTB_V2GTPSessionSetup_003 | Test System executes GoodCase procedure and sends an invalid 'invProtocolVersion' equals to 'FFH' in the V2GTP header of the SessionSetupReq message. | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 14:37:13.567 2020-07-07 14:37:44.292 | TestCases_SECC_V2GTPSessionSetup_TC_SECC_VTB_V2GTPSessionSetup_004 | Test System executes GoodCase procedure and sends an invalid 'payloadLength' equals to '00000000'H in the V2GTP header of the SessionSetupReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:37:44.391 2020-07-07 14:38:15.671 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_002 | Test System executes GoodCase procedure and sends a valid ContractAuthenticationReq message instead of a ServiceDiscoveryReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:38:15.776 2020-07-07 14:38:46.920 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_003 | Test System executes GoodCase procedure and sends a ServiceDiscoveryReq message with an invalid SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:42:26.147 2020-07-07 14:43:04.320 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_005 | Test System executes GoodCase procedure and sends a SessionStopReq message with the current SessionID and all additional mandatory parameters terminating V2G communication session for | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:43:04.560 2020-07-07 14:43:37.965 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_006 | Test System executes GoodCase procedure, signals CP State A and sends a ServiceDiscoveryReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:43:38.043 2020-07-07 14:44:19.269 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_008 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid SessionSetupRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:44:19.556 2020-07-07 14:44:50.611 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_002 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a ServicePaymentSelectionReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:44:50.890 2020-07-07 14:45:23.801 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_003 | Test System executes GoodCase procedure and sends a ServicePaymentSelectionReq message with an invalid SessionID, SelectedPaymentOption 'ExternalPayment' and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:45:23.911 2020-07-07 14:45:54.817 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_004 | Test System executes GoodCase procedure and sends a ServicePaymentSelectionReq message with the current SessionID, SelectedPaymentOption 'ExternalPayment', invalid serviceID and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:45:54.935 2020-07-07 14:47:25.599 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_005 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a ServiceDiscoveryRes message with the current SessionID, ResponseCode | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:47:25.694 2020-07-07 14:47:57.299 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_006 | Test System executes GoodCase procedure, signals CP State A and sends a ServicePaymentSelectionReq message with the current SessionID, SelectedPaymentOption 'ExternalPayment' and all | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 14:47:57.402 2020-07-07 14:48:28.422 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_007 | Test System executes GoodCase procedure and sends a ServicePaymentSelectionReq message with the current SessionID, SelectedPaymentOption 'Contract', valid serviceID and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:48:28.539 2020-07-07 14:49:09.949 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_008 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid ServiceDiscoveryRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:49:10.075 2020-07-07 14:49:40.862 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_002 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a ContractAuthenticationReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:49:40.964 2020-07-07 14:50:11.742 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_003 | Test System executes GoodCase procedure and sends a ContractAuthenticationReq message with an invalid SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:50:11.846 2020-07-07 14:51:42.930 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_004 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a ServicePaymentSelectionRes message with the current SessionID, | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:51:43.029 2020-07-07 14:52:14.471 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_005 | Test System executes GoodCase procedure, signals CP State A and sends a ContractAuthenticationReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:52:14.593 2020-07-07 14:52:55.111 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_007 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid ServicePaymentSelectionRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:52:55.400 2020-07-07 14:53:26.751 | TestCases_SECC_ChargeParameterDiscovery_TC_SECC_VTB_ChargeParameterDiscovery_002 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a ChargeParameterDiscoveryReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:53:26.940 2020-07-07 14:53:57.841 | TestCases_SECC_ChargeParameterDiscovery_TC_SECC_VTB_ChargeParameterDiscovery_003 | Test System executes GoodCase procedure and sends a ChargeParameterDiscoveryReq message with an invalid SessionID, a valid requestedEnergyTransferType and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:53:58.003 2020-07-07 14:54:29.232 | TestCases_SECC_ChargeParameterDiscovery_TC_SECC_VTB_ChargeParameterDiscovery_004 | Test System executes GoodCase procedure and sends a ChargeParameterDiscoveryReq message with the current SessionID, an invalid requestedEnergyTransferType and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:54:29.368 2020-07-07 14:55:00.406 | TestCases_SECC_ChargeParameterDiscovery_TC_SECC_VTB_ChargeParameterDiscovery_005 | Test System executes GoodCase procedure and sends a ChargeParameterDiscoveryReq message with the current SessionID, a valid requestedEnergyTransferType, EVMaximumCurrentLimit '-100' and all | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 14:55:00.520 2020-07-07 14:56:31.151 | TestCases_SECC_ChargeParameterDiscovery.TC_SECC_VTB_ChargeParameterDiscovery_006 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a ContractAuthenticationRes message with the current SessionID. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:56:31.256 2020-07-07 14:57:02.560 | TestCases_SECC_ChargeParameterDiscovery.TC_SECC_VTB_ChargeParameterDiscovery_007 | Test System executes GoodCase procedure, signals CP State A and sends a ChargeParameterDiscoveryReq message with the current SessionID, a valid requestedEnergyTransferType and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:57:02.665 2020-07-07 14:57:43.830 | TestCases_SECC_ChargeParameterDiscovery.TC_SECC_VTB_ChargeParameterDiscovery_009 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid ContractAuthenticationRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:57:43.951 2020-07-07 14:58:15.125 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_003 | Test System executes GoodCase procedure, signals CP State C or D and sends a valid ServiceDiscoveryReq message instead of a CableCheckReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:58:15.245 2020-07-07 14:58:46.668 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_004 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with an invalid SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 14:58:46.761 2020-07-07 15:00:18.181 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_005 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a ChargeParameterDiscoveryRes message with the current SessionID. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:00:18.474 2020-07-07 15:00:51.074 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_006 | Test System executes GoodCase procedure, signals no CP State C or D and sends a CableCheckReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:00:51.252 2020-07-07 15:01:22.658 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_015 | Test System executes GoodCase procedure, signals CP State A and sends a CableCheckReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:01:22.796 2020-07-07 15:02:04.080 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_023 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid ChargeParameterDiscoveryRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:02:04.214 2020-07-07 15:02:48.067 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_002 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a PreChargeReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:02:48.158 2020-07-07 15:03:31.955 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_003 | Test System executes GoodCase procedure and sends a PreChargeReq message with an invalid SessionID, target voltage and current and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:03:32.236 2020-07-07 15:05:16.619 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_004 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a CableCheckRes message with the current SessionID, ResponseCode 'OK'. | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 15:05:16.805 2020-07-07 15:06:01.357 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_005 | Test System executes GoodCase procedure and signals CP State B after receiving the CableCheckRes message with the current SessionID, ResponseCode 'OK', EVSEProcessing 'Finished', | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:06:01.490 2020-07-07 15:06:47.104 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_006 | Test System executes GoodCase procedure and sends a SessionStopReq message with the current SessionID and all additional mandatory parameters terminating V2G communication session for | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:06:47.384 2020-07-07 15:07:32.249 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_007 | Test System executes GoodCase procedure, signals CP State A and sends a PreChargeReq message with the current SessionID, target voltage and current and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:07:32.545 2020-07-07 15:08:26.841 | TestCases_SECC_PreCharge.TC_SECC_VTB_PreCharge_008 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid CableCheckRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:08:27.185 2020-07-07 15:09:11.681 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_003 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a PowerDeliveryReq message with ReadyToChargeState 'true'. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:09:11.870 2020-07-07 15:10:10.776 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_004 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a PowerDeliveryReq message with ReadyToChargeState 'false'. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:10:10.893 2020-07-07 15:10:56.052 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_005 | Test System executes GoodCase procedure and sends a PowerDeliveryReq message with invalid sessionID, ReadyToChargeState 'true' and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:10:56.170 2020-07-07 15:11:55.541 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_006 | Test System executes GoodCase procedure and sends a PowerDeliveryReq message with invalid sessionID, ReadyToChargeState 'false' and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:12:40.774 2020-07-07 15:13:25.727 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_008 | Test System executes GoodCase procedure and sends a PowerDeliveryReq message with the current sessionID, invalid tupleID, ReadyToChargeState 'true' and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:13:25.906 2020-07-07 15:15:09.798 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_009 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a PreChargeRes message with the current SessionID, ResponseCode 'OK', | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:15:09.940 2020-07-07 15:17:07.909 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_010 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a CurrentDemandRes message with the current SessionID, ResponseCode | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 15:17:08.192 2020-07-07 15:17:52.978 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_011 | Test System executes GoodCase procedure, signals CP State A and sends a PowerDeliveryReq message with the current sessionID, ReadyToChargeState 'true' and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:17:53.275 2020-07-07 15:18:52.586 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_012 | Test System executes GoodCase procedure, signals CP State A and sends a PowerDeliveryReq message with the current sessionID, ReadyToChargeState 'false' and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:18:52.769 2020-07-07 15:19:47.202 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_013 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid PreChargeRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:19:47.330 2020-07-07 15:20:55.725 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_014 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid CurrentDemandRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:20:55.835 2020-07-07 15:21:41.008 | TestCases_SECC_CurrentDemand.TC_SECC_VTB_CurrentDemand_002 | Test System executes GoodCase procedure and sends a ServiceDiscoveryReq message instead of a CurrentDemandReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:21:41.129 2020-07-07 15:22:25.962 | TestCases_SECC_CurrentDemand.TC_SECC_VTB_CurrentDemand_003 | Test System executes GoodCase procedure and sends a CurrentDemandReq message with an invalid SessionID, target voltage and current and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:22:26.056 2020-07-07 15:24:11.045 | TestCases_SECC_CurrentDemand.TC_SECC_VTB_CurrentDemand_004 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a PowerDeliveryRes message with the current SessionID, ResponseCode | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:24:11.343 2020-07-07 15:24:57.538 | TestCases_SECC_CurrentDemand.TC_SECC_VTB_CurrentDemand_005 | Test System executes GoodCase procedure, signals CP State A and sends a CurrentDemandReq message with the current SessionID, target voltage and current and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:24:57.833 2020-07-07 15:25:53.280 | TestCases_SECC_CurrentDemand.TC_SECC_VTB_CurrentDemand_006 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid PowerDeliveryRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:25:53.592 2020-07-07 15:26:53.420 | TestCases_SECC_WeldingDetection.TC_SECC_VTB_WeldingDetection_002 | Test System executes GoodCase procedure and sends a valid ServiceDiscoveryReq message instead of a WeldingDetectionReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:26:53.684 2020-07-07 15:27:53.151 | TestCases_SECC_WeldingDetection.TC_SECC_VTB_WeldingDetection_003 | Test System executes GoodCase procedure and sends a WeldingDetectionReq message with an invalid SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:27:53.435 2020-07-07 15:29:53.135 | TestCases_SECC_WeldingDetection.TC_SECC_VTB_WeldingDetection_004 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a PowerDeliveryRes message with the current SessionID, ResponseCode | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 15:29:53.443 2020-07-07 15:30:54.315 | TestCases_SECC_WeldingDetection_TC_SECC_VTB_WeldingDetection_005 | Test System executes GoodCase procedure, signals no CP State B after receipt of a valid PowerDeliveryReq message and sends a WeldingDetectionReq message with the current SessionID and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:30:54.474 2020-07-07 15:31:55.181 | TestCases_SECC_WeldingDetection_TC_SECC_VTB_WeldingDetection_006 | Test System executes GoodCase procedure, signals CP State A and sends a WeldingDetectionReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:31:55.318 2020-07-07 15:33:05.593 | TestCases_SECC_WeldingDetection_TC_SECC_VTB_WeldingDetection_007 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid PowerDeliveryRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:33:05.858 2020-07-07 15:34:05.836 | TestCases_SECC_SessionStop_TC_SECC_VTB_SessionStop_006 | Test System executes GoodCase procedure with welding detection process and sends a valid ServiceDiscoveryReq message instead of a SessionStopReq message. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:34:06.121 2020-07-07 15:35:06.080 | TestCases_SECC_SessionStop_TC_SECC_VTB_SessionStop_007 | Test System executes GoodCase procedure with welding detection process and sends a SessionStopReq message with an invalid SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:35:06.369 2020-07-07 15:37:06.288 | TestCases_SECC_SessionStop_TC_SECC_VTB_SessionStop_008 | Test System executes GoodCase procedure with welding detection process and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a WeldingDetectionRes message with the | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:37:06.602 2020-07-07 15:38:07.396 | TestCases_SECC_SessionStop_TC_SECC_VTB_SessionStop_011 | Test System executes GoodCase procedure with welding detection process, signals CP State A and sends a SessionStopReq message with the current SessionID and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:38:07.676 2020-07-07 15:39:17.999 | TestCases_SECC_SessionStop_TC_SECC_VTB_SessionStop_013 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid WeldingDetectionRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:39:49.675 2020-07-07 15:41:20.582 | TestCases_SECC_SessionSetup_TC_SECC_VTB_SessionSetup_003 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a SupportedAppProtocolRes message with ResponseCode | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:41:23.793 2020-07-07 15:42:05.215 | TestCases_SECC_SessionSetup_TC_SECC_VTB_SessionSetup_004 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid SupportedAppProtocolRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:42:11.555 2020-07-07 15:43:42.244 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_004 | Test System executes GoodCase procedure and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a SessionSetupRes message with a new SessionID, ResponseCode | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 15:46:08.073 2020-07-07 15:46:48.447 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_021 | Test System executes GoodCase procedure without SLAC validation process and sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:46:57.129 2020-07-07 15:47:28.027 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_018 | Test System executes GoodCase procedure, sends an invalid 'runID' in the 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |

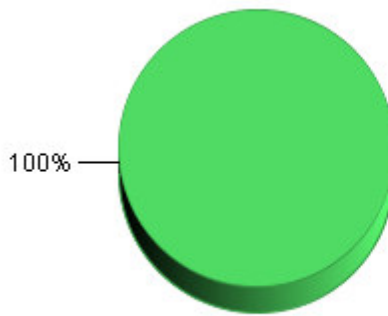


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland 9Shanghai) Co., Tld. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 2 |
| Pass | 2 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |




Campaign Configuration

| | |
|---------------|--|
| Campaign Name | Testing_SECC_Errorcase_Group_Default |
| Campaign File | Testing_SECC_Errorcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

Name TestCases_SECC_SessionStop
 File Name TestCases_SECC_SessionStop.jar
 Package generated_ttcn

Name TestCases_SECC_SupportedAppProtocol
 File Name TestCases_SECC_SupportedAppProtocol.jar
 Package generated_ttcn

Name TestCases_SECC_V2GTPSessionSetup
 File Name TestCases_SECC_V2GTPSessionSetup.jar
 Package generated_ttcn

Name TestCases_SECC_WeldingDetection
 File Name TestCases_SECC_WeldingDetection.jar
 Package generated_ttcn

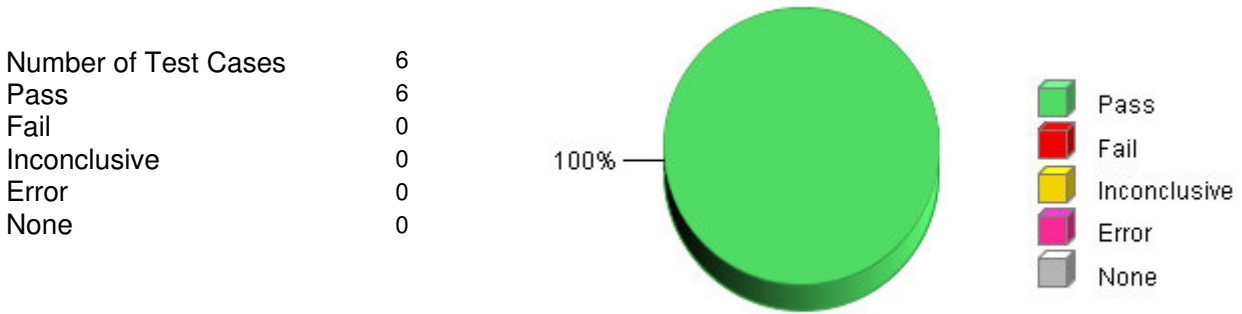
| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-08 15:33:36.992 2020-07-08 15:34:53.286 | TestCases_SECC_WeldingDetection .TC_SECC_VTB_WeldingDetection _007 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid PowerDeliveryRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-08 15:36:57.875 2020-07-08 15:37:51.920 | TestCases_SECC_PowerDelivery.T C_SECC_VTB_PowerDelivery_007 | Test System executes GoodCase procedure and sends a PowerDeliveryReq message the current sessionID, ReadyToChargeState 'true', invalid charging profile and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |



Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |



Campaign Configuration

Campaign Name Testing_SECC_Errorcase_Group_NoWeldingDetection
 Campaign File Testing_SECC_Errorcase_Group_NoWeldingDetection.clf

Test Adapter


Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name

Modules

Name TestCases_SECC_SessionStop
 File Name TestCases_SECC_SessionStop.jar
 Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|--|---------|---|---------------|
| 2020-07-07 17:04:07.114 2020-07-07 17:05:09.713 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_003 | Test System executes GoodCase procedure without welding detection process and sends a valid ServiceDiscoveryReq message instead of a SessionStopReq message. | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

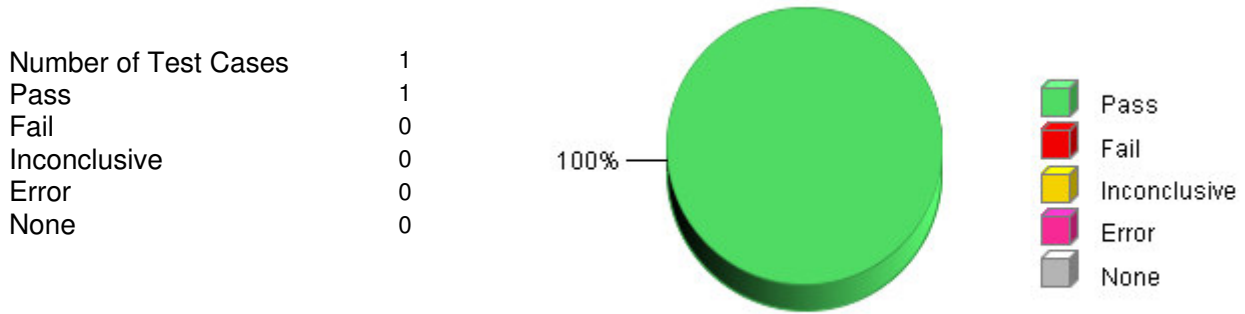
| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|--|---------|---|---------------|
| 2020-07-07 17:05:10.024 2020-07-07 17:06:10.109 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_004 | Test System executes GoodCase procedure without welding detection process and sends a SessionStopReq message with an invalid SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 17:06:10.408 2020-07-07 17:08:10.243 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_005 | Test System executes GoodCase procedure without welding detection process and waits until the 'V2G_Sequence_Timeout' timer has expired after receiving a PowerDeliveryRes message with the | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 17:08:10.415 2020-07-07 17:09:11.480 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_009 | Test System executes GoodCase procedure, signals no CP State B after receipt of a valid PowerDeliveryReq message and sends a SessionStopReq message with the current SessionID and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 17:09:11.798 2020-07-07 17:10:12.507 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_010 | Test System executes GoodCase procedure without welding detection process, signals CP State A and sends a SessionStopReq message with the current SessionID and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 17:10:12.669 2020-07-07 17:11:23.065 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_012 | Test System executes GoodCase procedure, sets CP State A after receipt of a valid PowerDeliveryRes message and observes the data link connection. | pass | "Internal state range update was successful." | UNKNOWN |



Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_ChargeInC_CableCheckOngoing
 Campaign File Testing_SECC_Goodcase_Group_ChargeInC_CableCheckOngoing.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name

Modules

Name TestCases_SECC_CableCheck
 File Name TestCases_SECC_CableCheck.jar
 Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|---|---------|---|---------------|
| 2020-07-07 17:15:36.408 2020-07-07 17:16:09.070 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_021 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |

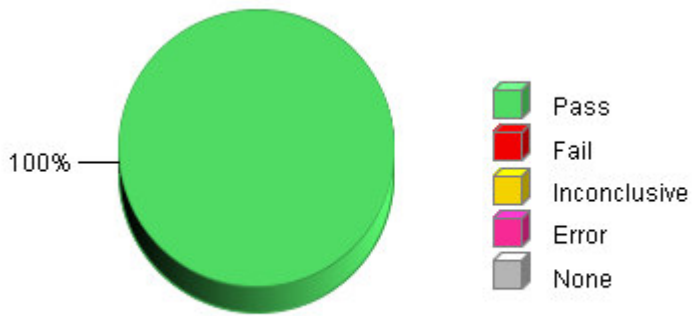


Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 2 |
| Pass | 2 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_ChargeInD
 Campaign File Testing_SECC_Goodcase_Group_ChargeInD.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name

Modules

Name TestCases_SECC_CableCheck
 File Name TestCases_SECC_CableCheck.jar
 Package generated_ttcn

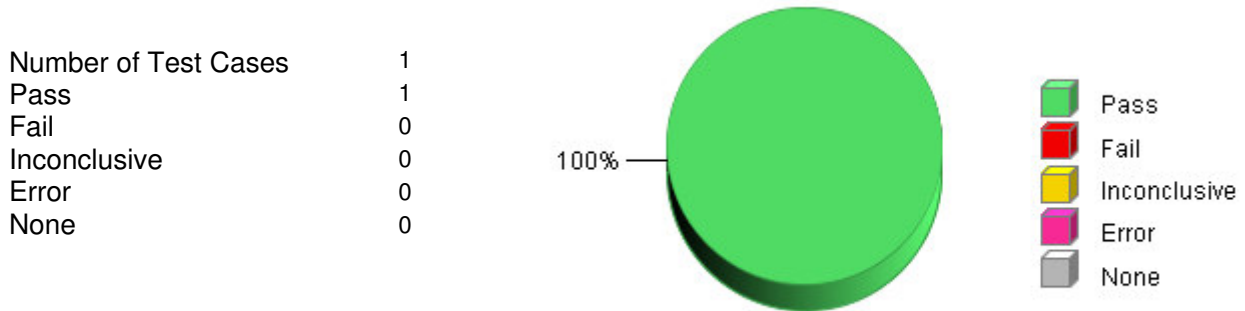
| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|---|---------|---|---------------|
| 2020-07-08 09:19:25.257 2020-07-08 09:20:16.856 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_002 | Test System executes GoodCase procedure, signals CP State D and sends a CableCheckReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-08 09:20:46.692 2020-07-08 09:21:16.811 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_022 | Test System executes GoodCase procedure, signals CP State D and sends a CableCheckReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |



Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_ChargeParameterDiscoveryOngoing
 Campaign File Testing_SECC_Goodcase_Group_ChargeParameterDiscoveryOngoing.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name

Modules

Name TestCases_SECC_ChargeParameterDiscovery
 File Name TestCases_SECC_ChargeParameterDiscovery.jar
 Package generated_ttcn

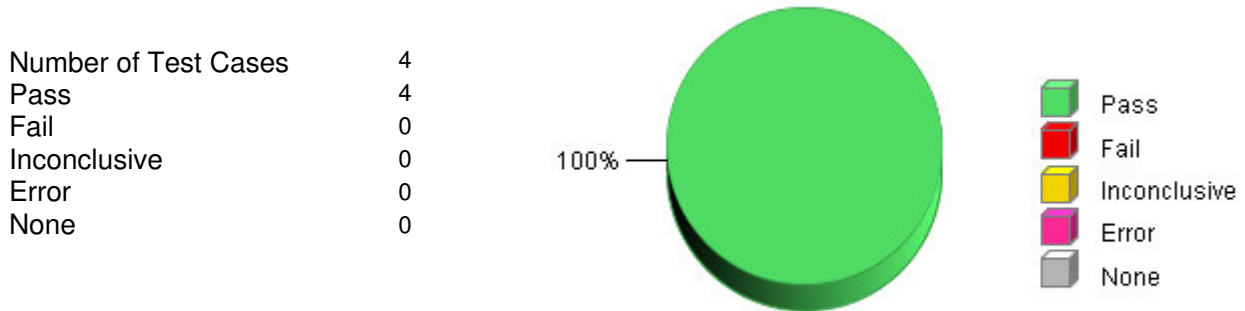
| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 17:37:39.748 2020-07-07 17:38:11.298 | TestCases_SECC_ChargeParameterDiscovery.TC_SECC_VTB_ChargeParameterDiscovery_008 | Test System executes GoodCase procedure and sends a ChargeParameterDiscoveryReq message with the current SessionID, a valid requestedEnergyTransferType and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |



Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_CmValidate
 Campaign File Testing_SECC_Goodcase_Group_CmValidate.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name


Modules

Name TestCases_SECC_CmSlacMatch
 File Name TestCases_SECC_CmSlacMatch.jar
 Package generated_ttcn

Name TestCases_SECC_CmValidate
 File Name TestCases_SECC_CmValidate.jar
 Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|---|---------|---|---------------|
| 2020-07-07 16:12:53.914 2020-07-07 16:13:26.760 | TestCases_SECC_CmValidate.TC_S ECC_VTB_CmValidate_001 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|---|---------|---|---------------|
| 2020-07-07 16:13:26.988 2020-07-07 16:13:57.344 | TestCases_SECC_CmValidate.TC_S ECC_VTB_CmValidate_002 | Test System executes GoodCase procedure, sends the CM_VALIDATE. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 16:13:57.468 2020-07-07 16:14:29.698 | TestCases_SECC_CmSlacMatch.TC _SECC_VTB_CmSlacMatch_002 | Test System executes GoodCase procedure with SLAC validation process, sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 16:14:29.802 2020-07-07 16:15:02.178 | TestCases_SECC_CmSlacMatch.TC _SECC_VTB_CmSlacMatch_004 | Test System executes GoodCase procedure with SLAC validation process and waits for the repetition of CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |

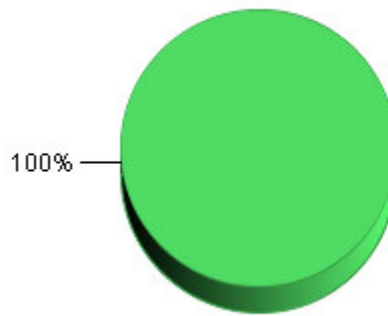


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 1 |
| Pass | 1 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |




Campaign Configuration

| | |
|---------------|---|
| Campaign Name | Testing_SECC_Goodcase_Group_Default |
| Campaign File | Testing_SECC_Goodcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SDP |
| File Name | TestCases_SECC_SDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|---|
| Name | TestCases_SECC_SessionStop |
| File Name | TestCases_SECC_SessionStop.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSDP |
| File Name | TestCases_SECC_V2GTPSDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSessionSetup |
| File Name | TestCases_SECC_V2GTPSessionSetup.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_WeldingDetection |
| File Name | TestCases_SECC_WeldingDetection.jar |
| Package | generated_ttcn |

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---------------------------------|---------------|
| 2020-07-07 21:15:57.158 2020-07-07 21:16:26.515 | TestCases_SECC_PLCLinkStatus.TC_SECC_VTB_PLCLinkStatus_003 | Test System starts GoodCase procedure five times in parallel and starts five independent SLAC processes. | pass | "Initial verdict configuration" | UNKNOWN |

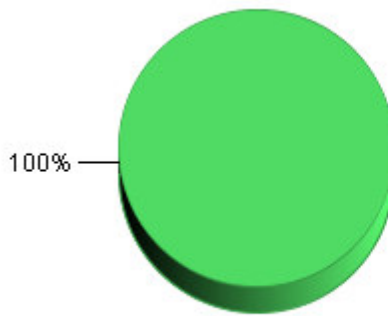


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|----|
| Number of Test Cases | 43 |
| Pass | 43 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |




Campaign Configuration

| | |
|---------------|---|
| Campaign Name | Testing_SECC_Goodcase_Group_Default |
| Campaign File | Testing_SECC_Goodcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SDP |
| File Name | TestCases_SECC_SDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report


 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|---|
| Name | TestCases_SECC_SessionStop |
| File Name | TestCases_SECC_SessionStop.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSDP |
| File Name | TestCases_SECC_V2GTPSDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSessionSetup |
| File Name | TestCases_SECC_V2GTPSessionSetup.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_WeldingDetection |
| File Name | TestCases_SECC_WeldingDetection.jar |
| Package | generated_ttcn |


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 10:32:40.664 2020-07-07 10:33:10.305 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_001 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:33:10.412 2020-07-07 10:33:39.887 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_002 | Test System executes GoodCase procedure and sends a new CM_SLAC_PARM. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:33:39.970 2020-07-07 10:34:09.582 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_003 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:35:02.189 2020-07-07 10:35:31.362 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_020 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:35:31.493 2020-07-07 10:36:00.766 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_001 | Test System executes GoodCase procedure without SLAC validation process, sends a CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:36:00.839 2020-07-07 10:36:30.623 | TestCases_SECC_CmSlacMatch.TC_SECC_VTB_CmSlacMatch_003 | Test System executes GoodCase procedure without SLAC validation process and waits for the repetition of CM_SLAC_MATCH. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:36:30.750 2020-07-07 10:37:00.276 | TestCases_SECC_PLCLinkStatus.TC_SECC_VTB_PLCLinkStatus_001 | Test System executes GoodCase procedure, indicates the key at the local PLC node and then waits for AVLN establishment by exchange of communication with the internal PLC Node. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:41:14.746 2020-07-07 10:41:45.430 | TestCases_SECC_SessionSetup.TC_SECC_VTB_SessionSetup_001 | Test System executes GoodCase procedure and sends a SessionSetupReq message with SessionID '0', valid EvccID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 10:41:45.538 2020-07-07 10:42:16.107 | TestCases_SECC_V2GTPSessionSetup_TC_SECC_VTB_V2GTPSessionSetup_001 | Test System executes GoodCase procedure and sends a SessionSetupReq message with the V2GTP header information 'protocolVersion' equals to '0x01'H, 'invProtocolVersion' equals to 'FE'H and | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:42:16.182 2020-07-07 10:42:46.441 | TestCases_SECC_ServiceDiscovery_TC_SECC_VTB_ServiceDiscovery_001 | Test System executes GoodCase procedure and sends a ServiceDiscoveryReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:42:46.523 2020-07-07 10:43:17.109 | TestCases_SECC_ServicePaymentSelection_TC_SECC_VTB_ServicePaymentSelection_001 | Test System executes GoodCase procedure and sends a ServicePaymentSelectionReq message with the current SessionID, SelectedPaymentOption 'ExternalPayment' and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:43:17.185 2020-07-07 10:43:47.591 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_001 | Test System executes GoodCase procedure, initiates an EIM authorization and sends a ContractAuthenticationReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:43:47.688 2020-07-07 10:44:18.076 | TestCases_SECC_ContractAuthentication_TC_SECC_VTB_ContractAuthentication_006 | Test System executes GoodCase procedure and sends a ContractAuthenticationReq message with the current SessionID and all additional mandatory parameters without initiating an EIM | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:44:18.363 2020-07-07 10:44:49.027 | TestCases_SECC_ChargeParameterDiscovery_TC_SECC_VTB_ChargeParameterDiscovery_001 | Test System executes GoodCase procedure and sends a ChargeParameterDiscoveryReq message with the current SessionID, a valid requestedEnergyTransferType and all additional mandatory | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:44:49.168 2020-07-07 10:45:32.724 | TestCases_SECC_CableCheck_TC_SECC_VTB_CableCheck_001 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:45:33.091 2020-07-07 10:46:16.590 | TestCases_SECC_CableCheck_TC_SECC_VTB_CableCheck_007 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_RESSTemperatureInhibit' and all additional | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:46:16.740 2020-07-07 10:47:00.134 | TestCases_SECC_CableCheck_TC_SECC_VTB_CableCheck_008 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_EVShiftPosition' and all additional | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:47:08.056 2020-07-07 10:47:55.133 | TestCases_SECC_CableCheck_TC_SECC_VTB_CableCheck_010 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_EVRESSMalfunction' and all additional | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M


| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|---|---------|---|---------------|
| 2020-07-07 10:47:55.350 2020-07-07 10:48:38.549 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_011 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_ChargingCurrentdifferential' and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:48:38.772 2020-07-07 10:49:22.367 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_012 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_ChargingVoltageOutOfRange' and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:49:22.592 2020-07-07 10:50:06.194 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_013 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_ChargingSystemIncompatibility' and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:50:06.415 2020-07-07 10:50:49.870 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_014 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'NoData' and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:50:50.045 2020-07-07 10:51:33.562 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_016 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID, valid EVStatus with EVReady 'false', no EVCabinConditioning, no | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:51:33.770 2020-07-07 10:52:17.236 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_017 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID, valid EVStatus with EVReady 'true', EVCabinConditioning 'false', no | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:52:17.416 2020-07-07 10:53:01.247 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_018 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID, valid EVStatus with EVReady 'true', EVCabinConditioning 'true', no | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:53:01.492 2020-07-07 10:53:44.726 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_019 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID, valid EVStatus with EVReady 'true', no EVCabinConditioning, | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:53:44.998 2020-07-07 10:54:28.663 | TestCases_SECC_CableCheck.TC_S ECC_VTB_CableCheck_020 | Test System executes GoodCase procedure, signals CP State C and sends a CableCheckReq message with the current SessionID, valid EVStatus with EVReady 'true', no EVCabinConditioning, | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:54:28.941 2020-07-07 10:55:13.581 | TestCases_SECC_PreCharge.TC_SE CC_VTB_PreCharge_001 | Test System executes GoodCase procedure and sends a PreChargeReq message with the current SessionID, target voltage and current and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 10:55:14.348 2020-07-07 10:55:59.006 | TestCases_SECC_PowerDelivery.TC_SECC_VTB_PowerDelivery_001 | Test System executes GoodCase procedure and sends a PowerDeliveryReq message with the current sessionID, ReadyToChargeState 'true' and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:56:45.156 2020-07-07 10:57:29.496 | TestCases_SECC_CurrentDemand.TC_SECC_VTB_CurrentDemand_001 | Test System executes GoodCase procedure and sends a CurrentDemandReq message with the current SessionID, target voltage and current and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:57:29.756 2020-07-07 10:58:21.324 | TestCases_SECC_WeldingDetection.TC_SECC_VTB_WeldingDetection_001 | Test System executes GoodCase procedure and sends a WeldingDetectionReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 10:59:21.128 2020-07-07 11:00:12.606 | TestCases_SECC_AttenuationCharacterization.TC_SECC_VTB_AttenuationCharacterization_019 | Test System executes GoodCase procedure, sends 3 CM_START_ATTEN_CHAR. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 11:01:14.978 2020-07-07 11:01:45.154 | TestCases_SECC_PLCLinkStatus.TC_SECC_VTB_PLCLinkStatus_004 | Test System executes GoodCase procedure, establishes a new AVLN and sends a CM_SLAC_PARM. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 11:04:19.188 2020-07-07 11:04:49.133 | TestCases_SECC_SDP.TC_SECC_VTB_SDP_001 | Test System executes GoodCase procedure, establishes a new AVLN and sends an SDP request message with 'Security' equals to '0x10'H and 'TransportProtocol' equals to '0x00'H. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 11:04:54.994 2020-07-07 11:05:25.103 | TestCases_SECC_V2GTPSDP.TC_SECC_VTB_V2GTPSDP_001 | Test System executes GoodCase procedure, establishes a new AVLN and sends a valid SDP request message with the V2GTP header information 'protocolVersion' equals to '0x01'H, | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 11:05:29.614 2020-07-07 11:05:59.885 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_SupportedAppProtocol_001 | Test System executes GoodCase procedure and sends a SupportedAppProtocolReq message with a list of valid AppProtocols including DIN namespace and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 11:06:06.553 2020-07-07 11:06:36.836 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_SupportedAppProtocol_005 | Test System executes GoodCase procedure and sends a SupportedAppProtocolReq message with a list of valid AppProtocols (VersionNumberMinor does not match VersionNumberMinor of the SUT) | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 11:06:51.334 2020-07-07 11:07:34.703 | TestCases_SECC_CableCheck.TC_SECC_VTB_CableCheck_009 | Test System executes GoodCase procedure, signals CP State C or D and sends a CableCheckReq message with the current SessionID, EVErrorCode 'FAILED_ChargerConnectorLockFault' and all | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 12:58:38.659 2020-07-07 12:59:34.589 | TestCases_SECC_SessionStop.TC_SECC_VTB_SessionStop_002 | Test System executes GoodCase procedure with welding detection process and sends a SessionStopReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|--|---------|---|---------------|
| 2020-07-07 12:59:46.377 2020-07-07 13:00:41.032 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_002 | Test System executes GoodCase procedure with welding detection process and sends a SessionStopReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 13:00:47.856 2020-07-07 13:01:40.484 | TestCases_SECC_PowerDelivery.T C_SECC_VTB_PowerDelivery_002 | Test System executes GoodCase procedure, sends a PowerDeliveryReq message with the current sessionID, ReadyToChargeState 'false' and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 13:02:05.084 2020-07-07 13:03:26.283 | TestCases_SECC_PLCLinkStatus.T C_SECC_VTB_PLCLinkStatus_005 | Test System executes GoodCase procedure and initiates a terminated V2G communication session by sending a SessionStopReq message with the current SessionID, ChargingSession 'Terminate' and | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 13:12:18.535 2020-07-07 13:13:21.373 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_002 | Test System executes GoodCase procedure with welding detection process and sends a SessionStopReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |

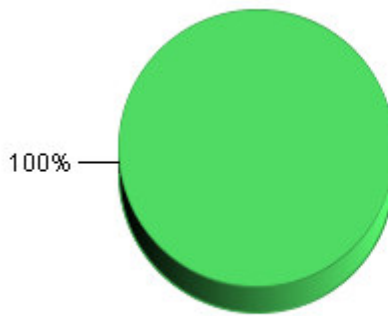


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 1 |
| Pass | 1 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |



Campaign Configuration

| | |
|---------------|---|
| Campaign Name | Testing_SECC_Goodcase_Group_Default |
| Campaign File | Testing_SECC_Goodcase_Group_Default.clf |

Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |

Test Report




provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|--|
| Name | TestCases_SECC_AttenuationCharacterization |
| File Name | TestCases_SECC_AttenuationCharacterization.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CableCheck |
| File Name | TestCases_SECC_CableCheck.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ChargeParameterDiscovery |
| File Name | TestCases_SECC_ChargeParameterDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CmSlacMatch |
| File Name | TestCases_SECC_CmSlacMatch.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ContractAuthentication |
| File Name | TestCases_SECC_ContractAuthentication.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_CurrentDemand |
| File Name | TestCases_SECC_CurrentDemand.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PLCLinkStatus |
| File Name | TestCases_SECC_PLCLinkStatus.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PowerDelivery |
| File Name | TestCases_SECC_PowerDelivery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_PreCharge |
| File Name | TestCases_SECC_PreCharge.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SDP |
| File Name | TestCases_SECC_SDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServiceDiscovery |
| File Name | TestCases_SECC_ServiceDiscovery.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_ServicePaymentSelection |
| File Name | TestCases_SECC_ServicePaymentSelection.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SessionSetup |
| File Name | TestCases_SECC_SessionSetup.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

Modules

| | |
|-----------|---|
| Name | TestCases_SECC_SessionStop |
| File Name | TestCases_SECC_SessionStop.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSDP |
| File Name | TestCases_SECC_V2GTPSDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_V2GTPSessionSetup |
| File Name | TestCases_SECC_V2GTPSessionSetup.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_WeldingDetection |
| File Name | TestCases_SECC_WeldingDetection.jar |
| Package | generated_ttcn |

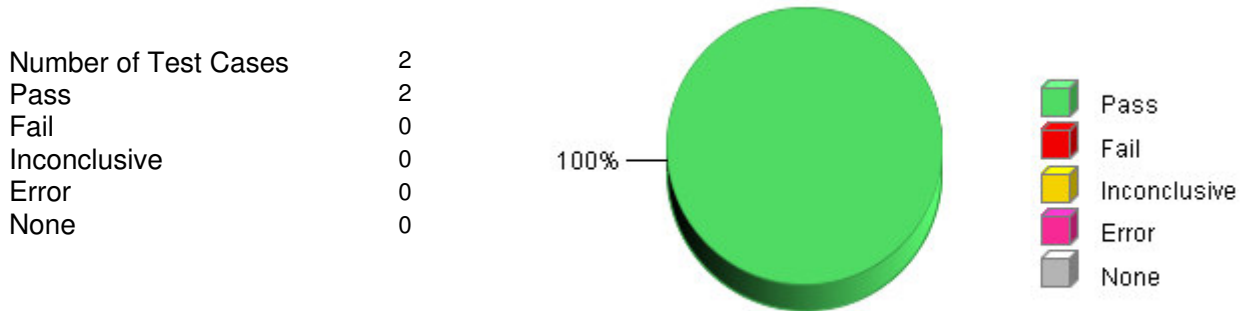
| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---------------------------------|---------------|
| 2020-07-07 14:09:18.160 2020-07-07 14:09:49.960 | TestCases_SECC_PLCLinkStatus.TC_SECC_VTB_PLCLinkStatus_003 | Test System starts GoodCase procedure five times in parallel and starts five independent SLAC processes. | pass | "Initial verdict configuration" | UNKNOWN |



Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_DinOnly
 Campaign File Testing_SECC_Goodcase_Group_DinOnly.clf

Test Adapter


Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name

Modules

| | |
|-----------|---|
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| | |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 20:22:16.206 2020-07-07 20:22:45.688 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_CmSlacParm_001 | Test System executes GoodCase procedure, indicates the initial CP State B transition and waits for 5% duty cycle detection. | pass | "Internal state range update was successful." | UNKNOWN |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 20:22:45.850 2020-07-07 20:23:32.428 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_SupportedAppProtocol_004 | Test System executes GoodCase procedure, waits for 'par_CMN_remainingTime2Timeout' seconds before V2G_EVCC_CommunicationSetup_Timeout and sends a SupportedAppProtocolReq message with a | pass | "Internal state range update was successful." | UNKNOWN |

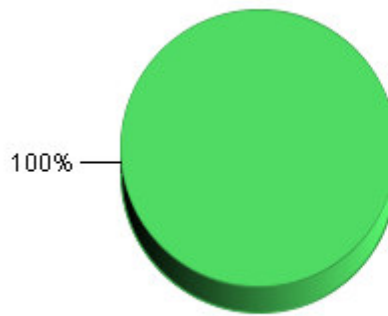


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 1 |
| Pass | 1 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |



Campaign Configuration

| | |
|---------------|---|
| Campaign Name | Testing_SECC_Goodcase_Group_IOP_DinAndIso |
| Campaign File | Testing_SECC_Goodcase_Group_IOP_DinAndIso.clf |


Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |

Modules

| | |
|-----------|---|
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SDP |
| File Name | TestCases_SECC_SDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|---|---------|---|---------------|
| 2020-07-07 21:09:43.199 2020-07-07 21:10:29.911 | TestCases_SECC_CmSlacParm.TC SECC_VTB_IOP_CmSlacParm_006 | Test System executes GoodCase procedure, indicates the initial CP State D transition independant of duty cycle. | pass | "Internal state range update was successful." | UNKNOWN |

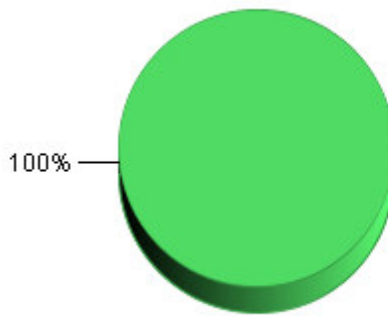


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 6 |
| Pass | 6 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |



Campaign Configuration

| | |
|---------------|---|
| Campaign Name | Testing_SECC_Goodcase_Group_IOP_DinAndIso |
| Campaign File | Testing_SECC_Goodcase_Group_IOP_DinAndIso.clf |


Test Adapter

| | |
|-----------|--|
| Class | com.testingtech.ttcn.tri.PluginTestAdapter |
| File Name | |

Modules

| | |
|-----------|---|
| Name | TestCases_SECC_CmSlacParm |
| File Name | TestCases_SECC_CmSlacParm.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SDP |
| File Name | TestCases_SECC_SDP.jar |
| Package | generated_ttcn |
| Name | TestCases_SECC_SupportedAppProtocol |
| File Name | TestCases_SECC_SupportedAppProtocol.jar |
| Package | generated_ttcn |

Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 15:49:52.158 2020-07-07 15:50:40.215 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_IOP_CmSlacParm_004 | Test System executes GoodCase procedure, indicates the initial CP State B transition independant of duty cycle. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:50:40.345 2020-07-07 15:51:28.045 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_IOP_CmSlacParm_005 | Test System executes GoodCase procedure, indicates the initial CP State C transition independant of duty cycle. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:52:26.079 2020-07-07 15:52:56.591 | TestCases_SECC_SDP.TC_SECC_VTB_IOP_SDP_002 | Test System executes GoodCase procedure and sends an SDP request message with 'Security' equals to '0x00'H and 'TransportProtocol' equals to '0x00'H. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:52:56.678 2020-07-07 15:53:26.997 | TestCases_SECC_SDP.TC_SECC_VTB_IOP_SDP_004 | Test System executes GoodCase procedure and sends an SDP request message with 'Security' equals to '0x00'H and 'TransportProtocol' equals to '0x00'H. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:53:27.114 2020-07-07 15:53:57.689 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_IOP_SupportedAppProtocol_001 | Test System executes GoodCase procedure and sends a SupportedAppProtocolReq message with a DIN namespace first and ISO namespace (highest priority) second in list and all additional | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 15:53:57.807 2020-07-07 15:54:28.348 | TestCases_SECC_SupportedAppProtocol.TC_SECC_VTB_IOP_SupportedAppProtocol_002 | Test System executes GoodCase procedure and sends a SupportedAppProtocolReq message with a ISO namespace first and DIN namespace (highest priority) second in list and all additional | pass | "Internal state range update was successful." | UNKNOWN |

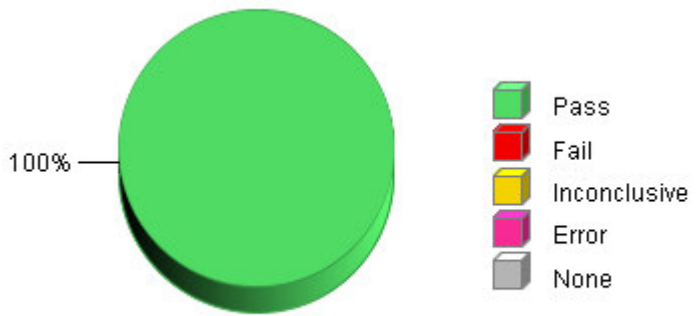


Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

| | |
|----------------------|---|
| Number of Test Cases | 1 |
| Pass | 1 |
| Fail | 0 |
| Inconclusive | 0 |
| Error | 0 |
| None | 0 |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_IOP_StartAt100PercentDutyCycle
 Campaign File Testing_SECC_Goodcase_Group_IOP_StartAt100PercentDutyCycle.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name

Modules

Name TestCases_SECC_CmSlacParm
 File Name TestCases_SECC_CmSlacParm.jar
 Package generated_ttcn

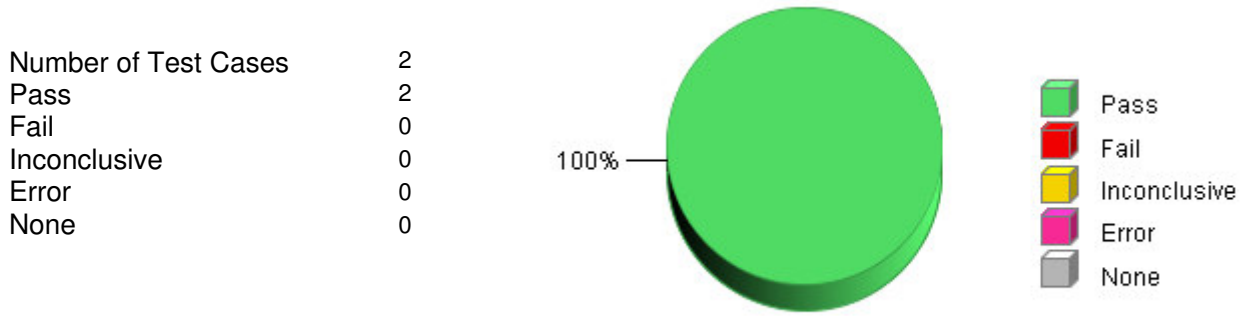
| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 21:12:56.815 2020-07-07 21:13:43.795 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_IOP_CmSlacParm_003 | Test System executes GoodCase procedure, indicates the initial CP State D transition and checks for initial 100% duty cycle detection. | pass | "Internal state range update was successful." | UNKNOWN |



Test Report

provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_IOP_StartAt100PercentDutyCycle
 Campaign File Testing_SECC_Goodcase_Group_IOP_StartAt100PercentDutyCycle.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
 File Name


Modules

Name TestCases_SECC_CmSlacParm
 File Name TestCases_SECC_CmSlacParm.jar
 Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|--|---------|---|---------------|
| 2020-07-07 16:03:34.840 2020-07-07 16:04:23.802 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_IOP_CmSlacParm_001 | Test System executes GoodCase procedure, indicates the initial CP State B transition and checks for initial 100% duty cycle detection. | pass | "Internal state range update was successful." | UNKNOWN |
| 2020-07-07 16:04:24.063 2020-07-07 16:05:11.676 | TestCases_SECC_CmSlacParm.TC_SECC_VTB_IOP_CmSlacParm_002 | Test System executes GoodCase procedure, indicates the initial CP State C transition and checks for initial 100% duty cycle detection. | pass | "Internal state range update was successful." | UNKNOWN |

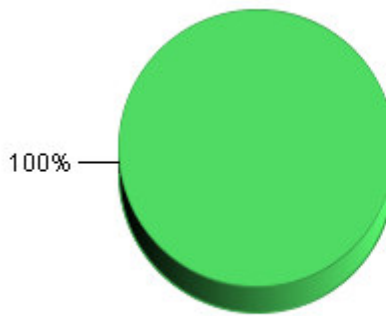


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

Number of Test Cases 1
Pass 1
Fail 0
Inconclusive 0
Error 0
None 0



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_NoCmAmpMap
Campaign File Testing_SECC_Goodcase_Group_NoCmAmpMap.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
File Name

Modules

Name TestCases_SECC_SDP
File Name TestCases_SECC_SDP.jar
Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|--|---|---------|---|---------------|
| 2020-07-07 16:25:41.824 2020-07-07 16:26:13.058 | TestCases_SECC_SDP.TC_SECC_VTB_SDP_002 | Test System executes GoodCase procedure, establishes a new AVLN and sends an SDP request message with 'Security' equals to '0x10'H and 'TransportProtocol' equals to '0x00'H. | pass | "Internal state range update was successful." | UNKNOWN |

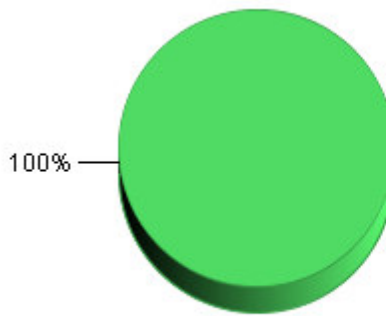


Test Report

 provided by TTworkbench Express 2.27.0.202002121620M

| | |
|-------------------------|-----------------------------------|
| Report Number | 60393934 001 |
| Report Date | 2020-07-13 |
| Company Name | EAST Group Co., Ltd. |
| Test Lab | TUV Reinland (Shanghai) Co., Ltd. |
| System Under Test (SUT) | See cover page |
| Release | |

Number of Test Cases 1
Pass 1
Fail 0
Inconclusive 0
Error 0
None 0



Campaign Configuration

Campaign Name Testing_SECC_Goodcase_Group_NoWeldingDetection
Campaign File Testing_SECC_Goodcase_Group_NoWeldingDetection.clf

Test Adapter

Class com.testingtech.ttcn.tri.PluginTestAdapter
File Name

Modules

Name TestCases_SECC_SessionStop
File Name TestCases_SECC_SessionStop.jar
Package generated_ttcn

| Timestamp | Test Case | Test Purpose | Verdict | Verdict Cause | Release State |
|--|---|--|---------|---|---------------|
| 2020-07-07 17:13:00.928 2020-07-07 17:14:05.419 | TestCases_SECC_SessionStop.TC_S ECC_VTB_SessionStop_001 | Test System executes GoodCase procedure without welding detection process and sends a SessionStopReq message with the current SessionID and all additional mandatory parameters. | pass | "Internal state range update was successful." | UNKNOWN |