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Epic Charging
TEST REPORT

SCOPE OF WORK
OPENADR 2.0B VEN — HTTP PULL - EPIC CHARGING - EPIC CHARGING OPENADR VEN V.2023.04
 - PASSED
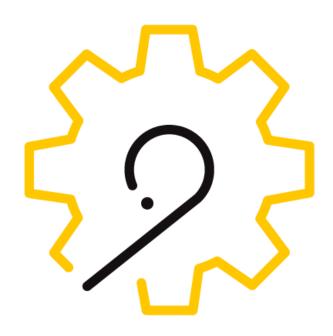
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TEST REPORT

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Intertek Project No. (GIN #) (G105208927)

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Subject: OpenADR 2.0b VEN-HTTP Pull test results of the EPIC CHARGING OPENADR VEN V.2023.04

Dear Mr. Andrey Konchenko,

This test report for the *Epic Charging OpenADR VEN V.2023.04* represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

METHODS

DESCRIPTION OF TEST METHODS AND STANDARDS
OpenADR 2.0b VEN- HTTP Pull
Test Harness Version 1.1.6
Security Level - Standard

SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
Software Gateway	Epic Charging OpenADR VEN	2023.04	Epic Charging OpenADR VEN

TEST REPORT

TEST ENVIRONMENT

Lab Setup	Connection	DUT	Environment Used
Virtual Machine	Remote Desktop Connection	UI	**X**

TEST EQUIPMENT

Test Tool	Manufacturer	Model Number	Version/Errata
Test Harness	**Quality Logic**	**OpenADR2.0bCertTest**	**1.1.6**

WAIVERS GRANTED BY OPENADR ALLIANCE

Test Case(s)	Failure	OpenADR Response	OpenADR Approver
None			

TEST REPORT

Interpretation of test results:
Results of the tests carried out by Intertek Testing Services NA, Inc. are described as follows: "**Pass**" indicates the device under test (DUT) was verified against a set of defined prerequisites, test scenarios consisting of a sequence of VEN/VTN message exchanges and has conformed to the expected results set forth by the OpenADR Alliance. "**Fail**" indicates the DUT has not met conformance set forth by the OpenADR Alliance due to a test case scenario failing to run to completion, payload schema validation, conformance rule validation failure or other problems. "**NA**" indicates the test case is not applicable to the DUT, is optional or is marked as NA in the test harness tool. Test cases that are not supported by the DUT will not be listed.

TESTED   <4-May-2023 to 8-May-2023>

Test Case Result

Test Case Name	Result	Log
N1_0010_TH_VTN_1	PASS	View Log TraceLog_050423_062735_315.txt
N1_0015_TH_VTN_1	PASS	View Log TraceLog_050423_064359_781.txt
N1_0050_TH_VTN_1	PASS	View Log TraceLog_050423_064552_428.txt
N1_0060_TH_VTN_1	PASS	View Log TraceLog_050423_064705_885.txt
N1_0040_TH_VTN_1	PASS	View Log TraceLog_050423_065547_119.txt
N1_0080_TH_VTN_1	NA	View Log TraceLog_050423_065640_432.txt
N1_0020_TH_VTN_1	PASS	View Log TraceLog_050423_065709_105.txt
N1_0030_TH_VTN_1	PASS	View Log TraceLog_050423_065831_507.txt
N1_0025_TH_VTN_1	PASS	View Log TraceLog_050423_070110_307.txt
N1_0070_TH_VTN_1	PASS	View Log TraceLog_050423_070231_635.txt
N1_0065_TH_VTN_1	PASS	View Log TraceLog_050423_070722_273.txt
R1_3010_TH_VTN_1	PASS	View Log TraceLog_050423_071732_029.txt
R1_3020_TH_VTN_1	PASS	View Log TraceLog_050423_071825_498.txt
R1_3025_TH_VTN_1	PASS	View Log TraceLog_050423_072850_405.txt
R1_3027_TH_VTN_1	PASS	View Log TraceLog_050423_073239_517.txt

TEST REPORT

Test Case Name	Result	Log
R1_3030_TH_VTN_1	PASS	View Log TraceLog_050423_073702_647.txt
R1_3040_TH_VTN_1	PASS	View Log TraceLog_050423_074025_956.txt
R1_3045_TH_VTN_1	PASS	View Log TraceLog_050423_074121_251.txt
R1_3050_TH_VTN_1	PASS	View Log TraceLog_050423_074321_660.txt
R1_3060_TH_VTN_1	PASS	View Log TraceLog_050423_074840_349.txt
R1_3070_TH_VTN_1	PASS	View Log TraceLog_050423_075253_410.txt
R1_3080_TH_VTN_1	PASS	View Log TraceLog_050423_075451_463.txt
R1_3090_TH_VTN_1	PASS	View Log TraceLog_050423_080317_516.txt
R1_3100_TH_VTN_1	PASS	View Log TraceLog_050423_080901_165.txt
R1_3120_TH_VTN_1	PASS	View Log TraceLog_050423_081628_006.txt
P1_2010_TH_VTN_1	PASS	View Log TraceLog_050423_084055_541.txt
P1_2015_TH_VTN_1	PASS	View Log TraceLog_050423_084234_393.txt
P1_2020_TH_VTN_1	PASS	View Log TraceLog_050423_084604_629.txt
P1_2030_TH_VTN_1	PASS	View Log TraceLog_050423_085654_669.txt
P1_2050_TH_VTN_1	NA	View Log TraceLog_050423_091751_592.txt
A_E1_0060_TH_VTN_1	PASS	View Log TraceLog_050423_094008_016.txt
A_E1_0040_TH_VTN_1	PASS	View Log TraceLog_050423_094109_174.txt
A_E1_0020_TH_VTN_1	PASS	View Log TraceLog_050423_094233_598.txt
A_E1_0070_TH_VTN_1	PASS	View Log TraceLog_050423_094417_806.txt
A_E1_0082_TH_VTN_1	PASS	View Log TraceLog_050423_094531_780.txt
A_E1_0086_TH_VTN_1	PASS	View Log TraceLog_050423_094611_155.txt
A_E1_0090_TH_VTN_1	PASS	View Log TraceLog_050423_094657_726.txt
A_E1_0092_TH_VTN_1	PASS	View Log TraceLog_050423_094753_353.txt
A_E1_0094_TH_VTN_1	PASS	View Log TraceLog_050423_094905_184.txt
A_E1_0096_TH_VTN_1	PASS	View Log TraceLog_050423_094948_734.txt

TEST REPORT

Test Case Name	Result	Log
A_E1_0098_TH_VTN_1	PASS	View Log TraceLog_050423_095053_135.txt
A_E1_0100_TH_VTN_1	PASS	View Log TraceLog_050423_095147_538.txt
A_E1_0102_TH_VTN_1	PASS	View Log TraceLog_050423_095241_846.txt
A_E1_0104_TH_VTN_1	PASS	View Log TraceLog_050423_095344_645.txt
A_E1_0110_TH_VTN_1	PASS	View Log TraceLog_050423_095441_650.txt
A_E1_0130_TH_VTN_1	PASS	View Log TraceLog_050423_095524_140.txt
A_E1_0180_TH_VTN_1	PASS	View Log TraceLog_050423_095607_147.txt
A_E1_0190_TH_VTN_1	PASS	View Log TraceLog_050423_095705_176.txt
A_E1_0200_TH_VTN_1	PASS	View Log TraceLog_050423_101359_669.txt
A_E1_0210_TH_VTN_1	PASS	View Log TraceLog_050423_102036_256.txt
A_E1_0220_TH_VTN_1	PASS	View Log TraceLog_050423_102607_121.txt
A_E1_0230_TH_VTN_1	PASS	View Log TraceLog_050423_103103_742.txt
A_E1_0240_TH_VTN_1	PASS	View Log TraceLog_050423_103757_746.txt
A_E1_0250_TH_VTN_1	PASS	View Log TraceLog_050423_104001_574.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_050423_104331_257.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_050423_104630_771.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_050423_104831_550.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_050423_105046_173.txt
P1_2040_TH_VTN_1	PASS	View Log TraceLog_050523_060958_826.txt
R1_3150_TH_VTN_1	PASS	View Log TraceLog_050523_061303_307.txt
R1_3160_TH_VTN_1	PASS	View Log TraceLog_050523_062719_147.txt
R1_3180_TH_VTN_1	PASS	View Log TraceLog_050523_064438_061.txt
R1_3190_TH_VTN_1	PASS	View Log TraceLog_050523_064554_344.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_050523_064744_717.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_050523_065156_003.txt

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Test Case Name	Result	Log
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_050523_065720_269.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_050523_070123_445.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_050523_070537_883.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_050523_071838_035.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_050523_072252_024.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_050523_072743_317.txt
A_E1_0270_TH_VTN_1	PASS	View Log TraceLog_050523_073219_713.txt
A_E1_0280_TH_VTN_1	PASS	View Log TraceLog_050523_074610_883.txt
A_E1_0285_TH_VTN_1	PASS	View Log TraceLog_050523_075623_972.txt
A_E1_0300_TH_VTN_1	PASS	View Log TraceLog_050523_075757_306.txt
A_E1_0310_TH_VTN_1	PASS	View Log TraceLog_050523_075841_613.txt
A_E1_0340_TH_VTN_1	PASS	View Log TraceLog_050523_080003_398.txt
A_E1_0345_TH_VTN_1	PASS	View Log TraceLog_050523_080051_938.txt
A_E1_0360_TH_VTN_1	PASS	View Log TraceLog_050523_080250_735.txt
A_E1_0370_TH_VTN_1	PASS	View Log TraceLog_050523_080637_370.txt
A_E1_0390_TH_VTN_1	PASS	View Log TraceLog_050523_081103_294.txt
A_E1_0392_TH_VTN_1	PASS	View Log TraceLog_050523_081218_037.txt
E1_1010_TH_VTN_1	PASS	View Log TraceLog_050523_081517_839.txt
E1_1020_TH_VTN_1	PASS	View Log TraceLog_050523_081557_689.txt
E1_1025_TH_VTN_1	PASS	View Log TraceLog_050523_081636_268.txt
E1_1027_TH_VTN_1	PASS	View Log TraceLog_050523_081724_546.txt
E1_1030_TH_VTN_1	PASS	View Log TraceLog_050523_081804_770.txt
E1_1040_TH_VTN_1	PASS	View Log TraceLog_050523_081858_924.txt
E1_1050_TH_VTN_1	PASS	View Log TraceLog_050523_082125_277.txt
E1_1055_TH_VTN_1	PASS	View Log TraceLog_050523_082350_978.txt

TEST REPORT

Test Case Name	Result	Log
E1_1060_TH_VTN_1	PASS	View Log TraceLog_050523_084558_252.txt
E1_1065_TH_VTN_1	NA	View Log TraceLog_050523_084706_664.txt
E1_1070_TH_VTN_1	PASS	View Log TraceLog_050523_090027_452.txt
E1_1080_TH_VTN_1	PASS	View Log TraceLog_050523_090117_771.txt
E1_1090_TH_VTN_1	PASS	View Log TraceLog_050523_090200_846.txt
G1_4005_TH_VTN_1	PASS	View Log TraceLog_050523_090617_638.txt
G1_4010_TH_VTN_1	PASS	View Log TraceLog_050523_090819_409.txt
G1_4012_TH_VTN_1	PASS	View Log TraceLog_050523_090952_116.txt
G1_4015_TH_VTN_1	PASS	View Log TraceLog_050523_091042_496.txt
G1_4030_TH_VTN_1	PASS	View Log TraceLog_050523_091649_813.txt
G1_4007_TH_VTN_1	PASS	View Log TraceLog_050523_091900_236.txt
R1_3170_TH_VTN_1	PASS	View Log TraceLog_050823_074024_769.txt

REPORT AUTHORIZED

Florencio Ponce

Engineer

Vincent Brooks

Reviewer