

UEI / Carrier TEST REPORT

SCOPE OF WORK

OPENADR 2.0B VEN – HTTP PULL - UEI / CARRIER - SMART THERMOSTAT V1
- PASSED

REPORT NUMBER

1007289722MP-001

ISSUE DATE

16-August-2023

PAGES

8

DOCUMENT CONTROL NUMBER

GFT-OP-10h (6-July-2017)

© 2023 INTERTEK



TEST REPORT

16-August-2023

Intertek Report No. 45032996MP-001
Intertek Project No. (GIN #) (G105520823)

Bridget Volz
30 South Meridian Street Suite 500
Indianapolis, IN 46204
Bridget.Volz@carrier.com

Ph: (317) 459-6457

Subject: OpenADR 2.0b VEN-HTTP Pull test results of the SMART THERMOSTAT V1

Dear Mrs. Bridget Volz,

This test report for the *Smart Thermostat V1* 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
Thermostat	Smart Thermostat	1	N/A

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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 <11-August-2023 to 14-August-2023>

Test Case Results

Test Case Name	Result	Log
N1_0010_TH_VTN_1	PASS	View Log TraceLog_081123_093510_371.txt
N1_0080_TH_VTN_1	NA	View Log TraceLog_081123_093705_622.txt
N1_0020_TH_VTN_1	PASS	View Log TraceLog_081123_093941_186.txt
N1_0015_TH_VTN_1	PASS	View Log TraceLog_081123_094111_034.txt
N1_0050_TH_VTN_1	PASS	View Log TraceLog_081123_094317_078.txt
N1_0060_TH_VTN_1	PASS	View Log TraceLog_081123_094457_466.txt
N1_0065_TH_VTN_1	PASS	View Log TraceLog_081123_094718_089.txt
N1_0070_TH_VTN_1	PASS	View Log TraceLog_081123_095013_872.txt
N1_0040_TH_VTN_1	PASS	View Log TraceLog_081123_095247_090.txt
N1_0030_TH_VTN_1	PASS	View Log TraceLog_081123_095530_165.txt
N1_0025_TH_VTN_1	PASS	View Log TraceLog_081123_095811_153.txt
R1_3010_TH_VTN_1	PASS	View Log TraceLog_081123_100310_190.txt
R1_3020_TH_VTN_1	PASS	View Log TraceLog_081123_100647_566.txt
R1_3025_TH_VTN_1	PASS	View Log TraceLog_081123_100947_449.txt
R1_3027_TH_VTN_1	PASS	View Log TraceLog_081123_101608_270.txt

TEST REPORT

Test Case Name	Result	Log
R1_3030_TH_VTN_1	PASS	View Log TraceLog_081123_102100_193.txt
R1_3040_TH_VTN_1	PASS	View Log TraceLog_081123_102707_684.txt
R1_3045_TH_VTN_1	PASS	View Log TraceLog_081123_102839_245.txt
R1_3050_TH_VTN_1	PASS	View Log TraceLog_081123_103055_950.txt
R1_3060_TH_VTN_1	PASS	View Log TraceLog_081123_103326_662.txt
R1_3150_TH_VTN_1	PASS	View Log TraceLog_081123_105445_849.txt
R1_3160_TH_VTN_1	PASS	View Log TraceLog_081123_105622_635.txt
R1_3170_TH_VTN_1	PASS	View Log TraceLog_081123_110005_719.txt
R1_3180_TH_VTN_1	PASS	View Log TraceLog_081123_110300_325.txt
R1_3190_TH_VTN_1	PASS	View Log TraceLog_081123_110400_643.txt
P1_2010_TH_VTN_1	PASS	View Log TraceLog_081123_113814_499.txt
P1_2015_TH_VTN_1	PASS	View Log TraceLog_081123_114206_666.txt
P1_2020_TH_VTN_1	PASS	View Log TraceLog_081123_114501_668.txt
P1_2030_TH_VTN_1	PASS	View Log TraceLog_081123_114913_084.txt
P1_2040_TH_VTN_1	PASS	View Log TraceLog_081123_115259_908.txt
P1_2050_TH_VTN_1	NA	View Log TraceLog_081123_115551_592.txt
A_E1_0020_TH_VTN_1	PASS	View Log TraceLog_081123_115810_883.txt
A_E1_0040_TH_VTN_1	PASS	View Log TraceLog_081123_120014_460.txt
A_E1_0060_TH_VTN_1	PASS	View Log TraceLog_081123_120223_514.txt
A_E1_0070_TH_VTN_1	PASS	View Log TraceLog_081123_120421_570.txt
A_E1_0082_TH_VTN_1	PASS	View Log TraceLog_081123_121155_743.txt
A_E1_0086_TH_VTN_1	PASS	View Log TraceLog_081123_121736_087.txt
A_E1_0090_TH_VTN_1	PASS	View Log TraceLog_081123_121908_835.txt
A_E1_0092_TH_VTN_1	PASS	View Log TraceLog_081123_122104_882.txt
A_E1_0094_TH_VTN_1	PASS	View Log TraceLog_081123_122515_363.txt

TEST REPORT

Test Case Name	Result	Log
A_E1_0096_TH_VTN_1	PASS	View Log TraceLog_081123_122646_872.txt
A_E1_0098_TH_VTN_1	PASS	View Log TraceLog_081123_123053_947.txt
A_E1_0100_TH_VTN_1	PASS	View Log TraceLog_081123_123232_091.txt
A_E1_0102_TH_VTN_1	PASS	View Log TraceLog_081123_123354_995.txt
A_E1_0104_TH_VTN_1	PASS	View Log TraceLog_081123_123504_690.txt
A_E1_0110_TH_VTN_1	PASS	View Log TraceLog_081123_123616_324.txt
A_E1_0130_TH_VTN_1	PASS	View Log TraceLog_081123_123715_121.txt
A_E1_0180_TH_VTN_1	PASS	View Log TraceLog_081123_123836_172.txt
A_E1_0190_TH_VTN_1	PASS	View Log TraceLog_081123_123948_614.txt
A_E1_0200_TH_VTN_1	PASS	View Log TraceLog_081123_124757_590.txt
A_E1_0210_TH_VTN_1	PASS	View Log TraceLog_081123_125147_463.txt
A_E1_0220_TH_VTN_1	PASS	View Log TraceLog_081123_130321_207.txt
A_E1_0230_TH_VTN_1	PASS	View Log TraceLog_081123_130826_298.txt
A_E1_0240_TH_VTN_1	PASS	View Log TraceLog_081123_131720_015.txt
A_E1_0250_TH_VTN_1	PASS	View Log TraceLog_081123_132125_975.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_081123_132959_893.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_081123_133627_307.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_081123_135046_599.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_081123_135449_232.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_081123_140941_439.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_081123_142019_569.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_081123_142931_086.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_081123_143540_326.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_081123_144057_292.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_081123_144646_096.txt

TEST REPORT

Test Case Name	Result	Log
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_081123_145246_387.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_081123_150008_885.txt
A_E1_0270_TH_VTN_1	PASS	View Log TraceLog_081123_151413_072.txt
A_E1_0280_TH_VTN_1	PASS	View Log TraceLog_081123_153052_155.txt
A_E1_0285_TH_VTN_1	PASS	View Log TraceLog_081123_153604_369.txt
A_E1_0300_TH_VTN_1	PASS	View Log TraceLog_081123_153746_272.txt
A_E1_0310_TH_VTN_1	PASS	View Log TraceLog_081123_153847_846.txt
A_E1_0340_TH_VTN_1	PASS	View Log TraceLog_081123_154200_282.txt
A_E1_0345_TH_VTN_1	PASS	View Log TraceLog_081123_154327_582.txt
A_E1_0360_TH_VTN_1	PASS	View Log TraceLog_081123_154429_462.txt
A_E1_0370_TH_VTN_1	PASS	View Log TraceLog_081123_154738_760.txt
A_E1_0390_TH_VTN_1	PASS	View Log TraceLog_081123_155051_300.txt
A_E1_0392_TH_VTN_1	PASS	View Log TraceLog_081123_155202_250.txt
E1_1010_TH_VTN_1	PASS	View Log TraceLog_081123_155523_999.txt
E1_1020_TH_VTN_1	PASS	View Log TraceLog_081123_155617_535.txt
E1_1025_TH_VTN_1	PASS	View Log TraceLog_081123_155730_841.txt
E1_1027_TH_VTN_1	PASS	View Log TraceLog_081123_155831_132.txt
E1_1030_TH_VTN_1	PASS	View Log TraceLog_081123_155930_672.txt
E1_1040_TH_VTN_1	PASS	View Log TraceLog_081123_160031_266.txt
E1_1050_TH_VTN_1	PASS	View Log TraceLog_081123_160218_245.txt
E1_1055_TH_VTN_1	PASS	View Log TraceLog_081123_160337_509.txt
E1_1060_TH_VTN_1	PASS	View Log TraceLog_081123_160922_554.txt
E1_1065_TH_VTN_1	NA	View Log TraceLog_081123_161047_966.txt
E1_1070_TH_VTN_1	PASS	View Log TraceLog_081123_161120_019.txt
E1_1080_TH_VTN_1	PASS	View Log TraceLog_081123_161158_096.txt

TEST REPORT

Test Case Name	Result	Log
E1_1090_TH_VTN_1	PASS	View Log TraceLog_081123_161257_695.txt
G1_4005_TH_VTN_1	PASS	View Log TraceLog_081423_081052_039.txt
G1_4010_TH_VTN_1	PASS	View Log TraceLog_081423_081248_621.txt
G1_4012_TH_VTN_1	PASS	View Log TraceLog_081423_081353_297.txt
G1_4015_TH_VTN_1	PASS	View Log TraceLog_081423_081453_221.txt
G1_4030_TH_VTN_1	PASS	View Log TraceLog_081423_081722_602.txt
G1_4007_TH_VTN_1	PASS	View Log TraceLog_081423_084155_513.txt

REPORT AUTHORIZED



Florencio Ponce

Engineer



Vincent Brooks

Reviewer