

# Innogy SE TEST REPORT

**SCOPE OF WORK**

OPENADR 2.0B VEN – HTTP PULL – INNOGY SE - INNOGY OPEN ADR 2.0B VEN CLIENT V4.18 - PASSED

**REPORT NUMBER**

1005557484MP-001

**ISSUE DATE**

23-April-2019

**PAGES**

8

**DOCUMENT CONTROL NUMBER**

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

© 2019 INTERTEK



## TEST REPORT

23-April-2019

Intertek Report No. 1005557484MP-001  
Intertek Project No. GIN # (G103914155)

Marcel Jelitto  
Innogy SE  
Flamingoweg 1,  
44139 Dortmund,  
Germany  
m.jelitto@innogy.com

Ph: +49 152 57943847

**Subject:** OpenADR 2.0B VEN-HTTP Pull test results of the INNOGY OPEN ADR 2.0B VEN CLIENT V4.18

Dear Mr. Marcel Jelitto,

This test report for the *Innogy Open ADR 2.0b VEN Client V4.18* 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 1.1.3
Security Level - Standard

### SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
Electric Vehicle Charging Station Network	Innogy Open ADR 2.0b VEN Client	4.18	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	1.1.3

**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 <18-April-2019 to 23-April-2019>

## Test Case Result

Test Case Name	Result	Log
N1_0020_TH_VTN_1	PASS	View Log TraceLog_041919_084452_282.txt
N1_0050_TH_VTN_1	PASS	View Log TraceLog_041919_084657_733.txt
N1_0015_TH_VTN_1	PASS	View Log TraceLog_041919_084950_517.txt
N1_0040_TH_VTN_1	PASS	View Log TraceLog_041919_085851_309.txt
N1_0010_TH_VTN_1	PASS	View Log TraceLog_041919_090541_203.txt
N1_0080_TH_VTN_1	NA	View Log TraceLog_041919_090730_259.txt
N1_0030_TH_VTN_1	PASS	View Log TraceLog_041919_091108_328.txt
N1_0065_TH_VTN_1	PASS	View Log TraceLog_041919_091533_025.txt
N1_0070_TH_VTN_1	PASS	View Log TraceLog_041919_091800_433.txt
N1_0060_TH_VTN_1	PASS	View Log TraceLog_041919_092032_488.txt
N1_0040_TH_VTN_1	PASS	View Log TraceLog_041919_092427_990.txt
N1_0025_TH_VTN_1	PASS	View Log TraceLog_041919_093035_282.txt
R1_3010_TH_VTN_1	PASS	View Log TraceLog_041919_095243_812.txt
R1_3020_TH_VTN_1	PASS	View Log TraceLog_041919_095342_639.txt
R1_3027_TH_VTN_1	PASS	View Log TraceLog_041919_100126_045.txt

**TEST REPORT**

Test Case Name	Result	Log
R1_3030_TH_VTN_1	PASS	View Log TraceLog_041919_100540_469.txt
R1_3045_TH_VTN_1	PASS	View Log TraceLog_041919_104845_186.txt
R1_3150_TH_VTN_1	PASS	View Log TraceLog_041919_105226_099.txt
R1_3160_TH_VTN_1	PASS	View Log TraceLog_041919_105431_194.txt
R1_3180_TH_VTN_1	PASS	View Log TraceLog_041919_111318_299.txt
R1_3190_TH_VTN_1	PASS	View Log TraceLog_041919_111501_281.txt
R1_3170_TH_VTN_1	PASS	View Log TraceLog_041919_131209_781.txt
P1_2010_TH_VTN_1	PASS	View Log TraceLog_041919_142050_688.txt
P1_2015_TH_VTN_1	PASS	View Log TraceLog_041919_142235_758.txt
P1_2020_TH_VTN_1	PASS	View Log TraceLog_041919_142718_701.txt
P1_2030_TH_VTN_1	PASS	View Log TraceLog_041919_143157_156.txt
P1_2040_TH_VTN_1	PASS	View Log TraceLog_041919_143617_141.txt
P1_2050_TH_VTN_1	NA	View Log TraceLog_041919_143932_510.txt
R1_3025_TH_VTN_1	PASS	View Log TraceLog_042219_081019_680.txt
A_E1_0020_TH_VTN_1	PASS	View Log TraceLog_042219_084233_656.txt
A_E1_0040_TH_VTN_1	PASS	View Log TraceLog_042219_084415_430.txt
A_E1_0060_TH_VTN_1	PASS	View Log TraceLog_042219_084707_457.txt
A_E1_0070_TH_VTN_1	PASS	View Log TraceLog_042219_085449_704.txt
A_E1_0082_TH_VTN_1	PASS	View Log TraceLog_042219_085607_548.txt
A_E1_0086_TH_VTN_1	PASS	View Log TraceLog_042219_085725_840.txt
A_E1_0090_TH_VTN_1	PASS	View Log TraceLog_042219_085901_493.txt
A_E1_0092_TH_VTN_1	PASS	View Log TraceLog_042219_090053_977.txt
A_E1_0094_TH_VTN_1	PASS	View Log TraceLog_042219_095923_045.txt
A_E1_0096_TH_VTN_1	PASS	View Log TraceLog_042219_100107_258.txt
A_E1_0098_TH_VTN_1	PASS	View Log TraceLog_042219_100249_039.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E1_0100_TH_VTN_1	PASS	View Log TraceLog_042219_100551_944.txt
A_E1_0102_TH_VTN_1	PASS	View Log TraceLog_042219_100736_797.txt
A_E1_0104_TH_VTN_1	PASS	View Log TraceLog_042219_100858_705.txt
A_E1_0110_TH_VTN_1	PASS	View Log TraceLog_042219_115023_472.txt
A_E1_0130_TH_VTN_1	PASS	View Log TraceLog_042219_115133_728.txt
A_E1_0180_TH_VTN_1	PASS	View Log TraceLog_042219_115233_029.txt
A_E1_0190_TH_VTN_1	PASS	View Log TraceLog_042219_120017_638.txt
A_E1_0200_TH_VTN_1	PASS	View Log TraceLog_042219_120501_233.txt
A_E1_0210_TH_VTN_1	PASS	View Log TraceLog_042219_121018_346.txt
A_E1_0220_TH_VTN_1	PASS	View Log TraceLog_042219_122501_952.txt
A_E1_0230_TH_VTN_1	PASS	View Log TraceLog_042219_123349_774.txt
A_E1_0240_TH_VTN_1	PASS	View Log TraceLog_042219_124353_975.txt
A_E1_0250_TH_VTN_1	PASS	View Log TraceLog_042219_125010_630.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_042219_131010_337.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_042219_131542_423.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_042219_132501_842.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_042219_133103_812.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_042219_134209_313.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_042219_135602_544.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_042219_141106_760.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_042219_141740_568.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_042219_142308_741.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_042219_144020_779.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_042219_154300_832.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_042219_155421_585.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E1_0270_TH_VTN_1	PASS	View Log TraceLog_042219_160103_899.txt
A_E1_0285_TH_VTN_1	PASS	View Log TraceLog_042219_164117_064.txt
A_E1_0300_TH_VTN_1	PASS	View Log TraceLog_042219_164257_573.txt
A_E1_0310_TH_VTN_1	PASS	View Log TraceLog_042219_164358_914.txt
A_E1_0340_TH_VTN_1	PASS	View Log TraceLog_042219_164545_524.txt
A_E1_0345_TH_VTN_1	PASS	View Log TraceLog_042219_164814_090.txt
A_E1_0360_TH_VTN_1	PASS	View Log TraceLog_042219_164920_751.txt
A_E1_0370_TH_VTN_1	PASS	View Log TraceLog_042219_165059_909.txt
A_E1_0390_TH_VTN_1	PASS	View Log TraceLog_042219_165238_741.txt
A_E1_0392_TH_VTN_1	PASS	View Log TraceLog_042219_165411_384.txt
E1_1010_TH_VTN_1	PASS	View Log TraceLog_042219_165831_803.txt
E1_1020_TH_VTN_1	PASS	View Log TraceLog_042219_165919_328.txt
E1_1025_TH_VTN_1	PASS	View Log TraceLog_042219_174356_996.txt
E1_1027_TH_VTN_1	PASS	View Log TraceLog_042219_174535_600.txt
E1_1030_TH_VTN_1	PASS	View Log TraceLog_042219_174638_634.txt
E1_1040_TH_VTN_1	PASS	View Log TraceLog_042219_174914_563.txt
E1_1050_TH_VTN_1	PASS	View Log TraceLog_042219_175054_869.txt
E1_1055_TH_VTN_1	PASS	View Log TraceLog_042219_175327_748.txt
E1_1060_TH_VTN_1	PASS	View Log TraceLog_042219_175917_036.txt
E1_1065_TH_VTN_1	NA	View Log TraceLog_042219_180042_886.txt
E1_1070_TH_VTN_1	PASS	View Log TraceLog_042219_180114_213.txt
E1_1080_TH_VTN_1	PASS	View Log TraceLog_042219_180215_382.txt
E1_1090_TH_VTN_1	PASS	View Log TraceLog_042219_180326_215.txt
G1_4005_TH_VTN_1	PASS	View Log TraceLog_042319_092624_203.txt
G1_4010_TH_VTN_1	PASS	View Log TraceLog_042319_092826_938.txt

## TEST REPORT

Test Case Name	Result	Log
G1_4007_TH_VTN_1	PASS	View Log TraceLog_042319_093029_691.txt
G1_4012_TH_VTN_1	PASS	View Log TraceLog_042319_093451_801.txt
G1_4015_TH_VTN_1	PASS	View Log TraceLog_042319_093803_555.txt
G1_4030_TH_VTN_1	PASS	View Log TraceLog_042319_093908_337.txt
A_E1_0280_TH_VTN_1	PASS	View Log TraceLog_042319_094326_596.txt
R1_3040_TH_VTN_1	PASS	View Log TraceLog_042319_095003_729.txt
R1_3040_TH_VTN_1	PASS	View Log TraceLog_042319_095255_643.txt

## REPORT AUTHORIZED



Florencio Ponce

Engineer



Vincent Brooks

Reviewer