

Fuji Electric Co.,Ltd.

TEST REPORT

SCOPE OF WORK

OPENADR 2.0B VTN - HTTP PULL & PUSH AND XMPP PUSH - FUJI ELECTRIC CO.,LTD. - ENERGYGATE-
OPENADR DRIVER V1.1 - PASSED

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TEST REPORT

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Subject: OpenADR 2.0b VTN - Http Pull & Push and XMPP Push test results of the ENERGYGATE-OPENADR DRIVER V1.1

Dear Mr. Takeo Terada,

This test report for the *ENERGYGATE-OPENADR DRIVER V1.1* 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 VTN- HTTP Pull & Push and XMPP Push

Test Harness Version 1.1.5

Security Level - Standard

SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
VTN	ENERGYGATE- OPENADR DRIVER	1.1	OpenADR2.0VTN

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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	1.1.5

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 <19-August-2021 to 23- August -2021>

Test Case Results – HTTP Pull

Test Case Name	Result	Log
E1_1010_TH_VEN	PASS	View Log TraceLog_082321_190957_789.txt
E1_1020_TH_VEN	PASS	View Log TraceLog_082321_191112_319.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_082321_191220_929.txt
E1_1027_TH_VEN	PASS	View Log TraceLog_082321_191309_887.txt
E1_1030_TH_VEN	PASS	View Log TraceLog_082321_191357_487.txt
E1_1040_TH_VEN	PASS	View Log TraceLog_082321_191519_899.txt
E1_1050_TH_VEN	PASS	View Log TraceLog_082321_191622_744.txt
E1_1055_TH_VEN	PASS	View Log TraceLog_082321_191725_208.txt
E1_1060_TH_VEN	PASS	View Log TraceLog_082321_191816_268.txt
E1_1065_TH_VEN	PASS	View Log TraceLog_082321_191916_646.txt
E1_1070_TH_VEN	NA	View Log TraceLog_082321_192140_766.txt
E1_1080_TH_VEN	PASS	View Log TraceLog_082321_192154_652.txt
E1_1090_TH_VEN	NA	View Log TraceLog_082321_192244_175.txt
A_E3_0420_TH_VEN	PASS	View Log TraceLog_082321_192301_532.txt
A_E3_0430_TH_VEN	PASS	View Log TraceLog_082321_192559_834.txt

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Test Case Name	Result	Log
A_E3_0432_TH_VEN	PASS	View Log TraceLog_082321_192702_716.txt
A_E3_0435_TH_VEN	PASS	View Log TraceLog_082321_192808_531.txt
A_E3_0440_TH_VEN	PASS	View Log TraceLog_082321_192912_523.txt
A_E3_0450_TH_VEN	PASS	View Log TraceLog_082321_193022_279.txt
A_E3_0452_TH_VEN	PASS	View Log TraceLog_082321_193337_097.txt
A_E3_0454_TH_VEN	PASS	View Log TraceLog_082321_193431_275.txt
A_E3_0468_TH_VEN	PASS	View Log TraceLog_082321_193528_582.txt
A_E3_0470_TH_VEN	PASS	View Log TraceLog_082321_193633_985.txt
A_E3_0474_TH_VEN	PASS	View Log TraceLog_082321_193809_094.txt
A_E3_0480_TH_VEN	PASS	View Log TraceLog_082321_193942_337.txt
A_E3_0484_TH_VEN	PASS	View Log TraceLog_082321_194058_418.txt
A_E3_0490_TH_VEN	PASS	View Log TraceLog_082321_194155_558.txt
A_E3_0492_TH_VEN	PASS	View Log TraceLog_082321_194326_446.txt
A_E3_0494_TH_VEN	PASS	View Log TraceLog_082321_194455_395.txt
A_E3_0496_TH_VEN	PASS	View Log TraceLog_082321_194625_963.txt
A_E3_0498_TH_VEN	PASS	View Log TraceLog_082321_194751_341.txt
A_E3_0500_TH_VEN	PASS	View Log TraceLog_082321_194910_045.txt
A_E3_0510_TH_VEN	PASS	View Log TraceLog_082321_195015_287.txt
A_E3_0525_TH_VEN	PASS	View Log TraceLog_082321_195126_940.txt
A_E3_0527_TH_VEN	PASS	View Log TraceLog_082321_195414_856.txt
A_E3_0655_TH_VEN	PASS	View Log TraceLog_082321_195643_807.txt
A_E3_0657_TH_VEN	PASS	View Log TraceLog_082321_195849_014.txt
A_E3_0680_TH_VEN	PASS	View Log TraceLog_082321_200045_607.txt
A_E3_0685_TH_VEN	PASS	View Log TraceLog_082321_200306_033.txt
A_E3_0710_TH_VEN	PASS	View Log TraceLog_082321_210250_469.txt

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Test Case Name	Result	Log
A_E3_0720_TH_VEN	PASS	View Log TraceLog_082321_210337_039.txt
A_E3_0730_TH_VEN	PASS	View Log TraceLog_082321_210434_548.txt
A_E3_0750_TH_VEN	PASS	View Log TraceLog_082321_210525_737.txt
A_E3_0780_TH_VEN	PASS	View Log TraceLog_082321_210619_908.txt
P1_2010_TH_VEN	PASS	View Log TraceLog_082321_181514_755.txt
P1_2015_TH_VEN	PASS	View Log TraceLog_082321_181546_180.txt
P1_2020_TH_VEN	PASS	View Log TraceLog_082321_181616_643.txt
P1_2030_TH_VEN	PASS	View Log TraceLog_082321_181654_815.txt
P1_2040_TH_VEN	PASS	View Log TraceLog_082321_181734_720.txt
P1_2050_TH_VEN	PASS	View Log TraceLog_082321_181821_561.txt
N1_0025_TH_VEN	PASS	View Log TraceLog_082321_180151_293.txt
N1_0030_TH_VEN	PASS	View Log TraceLog_082321_180308_641.txt
N1_0010_TH_VEN	PASS	View Log TraceLog_082321_180351_596.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_082321_180426_946.txt
N1_0015_TH_VEN	PASS	View Log TraceLog_082321_180541_324.txt
N1_0040_TH_VEN	PASS	View Log TraceLog_082321_180626_217.txt
N1_0080_TH_VEN	PASS	View Log TraceLog_082321_180719_927.txt
N1_0050_TH_VEN	PASS	View Log TraceLog_082321_180942_578.txt
N1_0060_TH_VEN	PASS	View Log TraceLog_082321_181042_813.txt
N1_0065_TH_VEN	PASS	View Log TraceLog_082321_181155_405.txt
N1_0070_TH_VEN	PASS	View Log TraceLog_082321_181234_318.txt
R1_3010_TH_VEN	PASS	View Log TraceLog_082321_182003_531.txt
R1_3020_TH_VEN	PASS	View Log TraceLog_082321_182206_587.txt
R1_3025_TH_VEN	PASS	View Log TraceLog_082321_182503_549.txt
R1_3027_TH_VEN	PASS	View Log TraceLog_082321_182837_074.txt

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Test Case Name	Result	Log
R1_3030_TH_VEN	PASS	View Log TraceLog_082321_183129_647.txt
R1_3040_TH_VEN	PASS	View Log TraceLog_082321_183431_441.txt
R1_3045_TH_VEN	PASS	View Log TraceLog_082321_183603_680.txt
R1_3070_TH_VEN	PASS	View Log TraceLog_082321_183746_849.txt
R1_3080_TH_VEN	PASS	View Log TraceLog_082321_183849_140.txt
R1_3090_TH_VEN	PASS	View Log TraceLog_082321_184117_844.txt
R1_3100_TH_VEN	PASS	View Log TraceLog_082321_184359_994.txt
R1_3120_TH_VEN	PASS	View Log TraceLog_082321_184500_491.txt
R1_3130_TH_VEN	PASS	View Log TraceLog_082321_184709_371.txt
R1_3150_TH_VEN	PASS	View Log TraceLog_082321_184855_854.txt
R1_3160_TH_VEN	PASS	View Log TraceLog_082321_184956_227.txt
R1_3170_TH_VEN	NA	View Log TraceLog_082321_185356_234.txt
R1_3180_TH_VEN	PASS	View Log TraceLog_082321_185412_599.txt
R1_3190_TH_VEN	PASS	View Log TraceLog_082321_185652_667.txt
G1_4005_TH_VEN	PASS	View Log TraceLog_081921_212140_122.txt
G1_4010_TH_VEN	PASS	View Log TraceLog_081921_212312_786.txt
G1_4007_TH_VEN	PASS	View Log TraceLog_081921_212722_129.txt
G1_4011_TH_VEN	PASS	View Log TraceLog_081921_213015_514.txt
G1_4012_TH_VEN	PASS	View Log TraceLog_081921_213358_720.txt
G1_4030_TH_VEN	PASS	View Log TraceLog_081921_213539_171.txt
G1_4020_TH_VEN_1	PASS	View Log TraceLog_082321_190405_714.txt

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Test Case Results – HTTP Push

Test Case Name	Result	Log
E0_6010_TH_VEN_1	PASS	View Log TraceLog_082321_220806_526.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_082321_220849_132.txt
E0_6025_TH_VEN_1	PASS	View Log TraceLog_082321_220949_639.txt
E0_6027_TH_VEN_1	PASS	View Log TraceLog_082321_221048_720.txt
E0_6030_TH_VEN_1	PASS	View Log TraceLog_082321_221142_199.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_082321_221305_055.txt
E0_6050_TH_VEN	PASS	View Log TraceLog_082321_221407_688.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_082321_221503_663.txt
E0_6060_TH_VEN_1	PASS	View Log TraceLog_082321_221611_567.txt
E0_6065_TH_VEN_1	PASS	View Log TraceLog_082321_221717_516.txt
E0_6070_TH_VEN_1	NA	View Log TraceLog_082321_221924_633.txt
E0_6080_TH_VEN_1	PASS	View Log TraceLog_082321_221935_575.txt
E0_6090_TH_VEN_1	NA	View Log TraceLog_082321_222035_886.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_082321_223203_365.txt
A_E2_0432_TH_VEN_1	PASS	View Log TraceLog_082321_223323_820.txt
A_E2_0435_TH_VEN_1	PASS	View Log TraceLog_082321_223440_318.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_082321_224147_654.txt
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_082321_224335_377.txt
A_E2_0452_TH_VEN_1	PASS	View Log TraceLog_082321_224743_055.txt
A_E2_0454_TH_VEN_1	PASS	View Log TraceLog_082321_224906_622.txt
A_E2_0468_TH_VEN_1	PASS	View Log TraceLog_082321_225024_880.txt
A_E2_0470_TH_VEN_1	PASS	View Log TraceLog_082321_225117_965.txt
A_E2_0474_TH_VEN_1	PASS	View Log TraceLog_082321_225247_190.txt

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Test Case Name	Result	Log
A_E2_0480_TH_VEN_1	PASS	View Log TraceLog_082321_225427_310.txt
A_E2_0484_TH_VEN_1	PASS	View Log TraceLog_082321_225544_610.txt
A_E2_0490_TH_VEN_1	PASS	View Log TraceLog_082321_225700_427.txt
A_E2_0492_TH_VEN_1	PASS	View Log TraceLog_082321_225846_800.txt
A_E2_0494_TH_VEN_1	PASS	View Log TraceLog_082321_230021_356.txt
A_E2_0496_TH_VEN_1	PASS	View Log TraceLog_082321_230145_783.txt
A_E2_0498_TH_VEN_1	PASS	View Log TraceLog_082321_230321_664.txt
A_E2_0500_TH_VEN_1	PASS	View Log TraceLog_082321_230441_562.txt
A_E2_0510_TH_VEN_1	PASS	View Log TraceLog_082321_230554_186.txt
A_E2_0525_TH_VEN_1	PASS	View Log TraceLog_082321_231127_667.txt
A_E2_0527_TH_VEN_1	PASS	View Log TraceLog_082321_231401_814.txt
A_E2_0657_TH_VEN_1	PASS	View Log TraceLog_082321_231648_991.txt
A_E2_0680_TH_VEN_1	PASS	View Log TraceLog_082321_232053_201.txt
A_E2_0685_TH_VEN_1	PASS	View Log TraceLog_082321_232230_261.txt
A_E2_0710_TH_VEN_1	PASS	View Log TraceLog_082321_232655_730.txt
A_E2_0720_TH_VEN_1	PASS	View Log TraceLog_082321_233430_731.txt
A_E2_0730_TH_VEN_1	PASS	View Log TraceLog_082321_233614_994.txt
A_E2_0750_TH_VEN_1	PASS	View Log TraceLog_082321_233804_472.txt
A_E2_0780_TH_VEN_1	PASS	View Log TraceLog_082321_233927_425.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_082321_212444_159.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_082321_212515_404.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_082321_212548_245.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_082321_212626_559.txt
P0_7040_TH_VEN	PASS	View Log TraceLog_082321_212707_309.txt
P0_7050_TH_VEN	PASS	View Log TraceLog_082321_212756_387.txt

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Test Case Name	Result	Log
N0_5025_TH_VEN	PASS	View Log TraceLog_082321_211058_182.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_082321_211213_280.txt
N0_5010_TH_VEN	PASS	View Log TraceLog_082321_211252_629.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_082321_211328_742.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_082321_211449_607.txt
N0_5040_TH_VEN_1	PASS	View Log TraceLog_082321_211533_336.txt
N0_5080_TH_VEN	PASS	View Log TraceLog_082321_211644_963.txt
N0_5050_TH_VEN_1	PASS	View Log TraceLog_082321_211920_960.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_082321_212004_135.txt
N0_5065_TH_VEN	PASS	View Log TraceLog_082321_212118_196.txt
N0_5070_TH_VEN	PASS	View Log TraceLog_082321_212208_116.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_082321_212920_289.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_082321_213007_542.txt
R0_8025_TH_VEN_1	PASS	View Log TraceLog_082321_213223_045.txt
R0_8027_TH_VEN_1	PASS	View Log TraceLog_082321_213531_410.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_082321_214601_220.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_082321_214847_007.txt
R0_8045_TH_VEN_1	PASS	View Log TraceLog_082321_214938_425.txt
R0_8070_TH_VEN	PASS	View Log TraceLog_082321_215040_711.txt
R0_8080_TH_VEN	PASS	View Log TraceLog_082321_215128_437.txt
R0_8090_TH_VEN	PASS	View Log TraceLog_082321_215323_789.txt
R0_8100_TH_VEN	PASS	View Log TraceLog_082321_215551_469.txt
R0_8120_TH_VEN_1	PASS	View Log TraceLog_082321_215654_145.txt
R0_8130_TH_VEN_1	PASS	View Log TraceLog_082321_215758_137.txt
R0_8150_TH_VEN_1	PASS	View Log TraceLog_082321_215840_435.txt

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Test Case Name	Result	Log
R0_8160_TH_VEN_1	PASS	View Log TraceLog_082321_220006_330.txt
R0_8170_TH_VEN_1	NA	View Log TraceLog_082321_220416_427.txt
R0_8180_TH_VEN_1	PASS	View Log TraceLog_082321_220426_011.txt
R0_8190_TH_VEN_1	PASS	View Log TraceLog_082321_220525_290.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_082321_234325_171.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_082321_234441_810.txt
G0_9030_TH_VEN_1	PASS	View Log TraceLog_082321_234558_809.txt
G0_9020_TH_VEN_1	PASS	View Log TraceLog_082421_000841_170.txt

Test Case Results – XMPP Push

Test Case Name	Result	Log
N0_5020_TH_VEN	PASS	View Log TraceLog_081921_225227_117.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_081921_225549_960.txt
N0_5010_TH_VEN	PASS	View Log TraceLog_081921_225635_582.txt
N0_5025_TH_VEN	PASS	View Log TraceLog_081921_225745_368.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_081921_225933_468.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_081921_230007_342.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_081921_230040_247.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_081921_230121_707.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_081921_230430_704.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_081921_230519_009.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_081921_231609_231.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_081921_232028_618.txt

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Test Case Name	Result	Log
E0_6020_TH_VEN_1	PASS	View Log TraceLog_081921_232315_599.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_081921_232635_307.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_081921_232847_784.txt
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_081921_233110_953.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_081921_233757_638.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_081921_234024_416.txt

REPORT AUTHORIZED



Kenji Kitta

Engineer



Vincent Brooks

Reviewer