

GrowShip Co.,Ltd.

TEST REPORT

SCOPE OF WORK

OpenADR 2.0B VEN – HTTP PULL – GrowShip Co.,Ltd. – Gridship (Firmware v1.0)
- PASSED

REPORT NUMBER

26040090JMA-001

ISSUE DATE

27-May-2026

PAGES

7

DOCUMENT CONTROL NUMBER

GFT-OP-10h (28-Nov-2018)
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TEST REPORT

Issued: 27-May-2026

Intertek Report No. 26040090JMA-001

Intertek Project No. JY26040090-905

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Subject: OpenADR 2.0b VEN-HTTP Pull test results of the Gridship (Firmware v1.0)

Dear Mr. Masahiro Kida,

This test report for Gridship (*Firmware v1.0*) 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 1.1.7

Security Level - Standard

SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
VEN	Gridship	1.0	N/A

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TEST REPORT**TEST ENVIRONMENT**

Lab Setup	Connection	DUT	Environment Used
Test Laptop	Wireless LAN connection	Customer PC	X

TEST EQUIPMENT

Test Tool	Manufacturer	Model Number	Version/Errata
Test Harness	Quality Logic	OpenADR2.0bCertTest	1.1.7

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 Japan K.K. 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 <20-May-2026>

Test Case result

Test Case Name	Start Time	End Time	Result	Log
N1_0025_TH_VTN_1	Wed May 20 10:12:06 JST 2026	Wed May 20 10:13:01 JST 2026	PASS	View Log TraceLog_052026_101206_496.txt
N1_0030_TH_VTN_1	Wed May 20 10:13:45 JST 2026	Wed May 20 10:14:18 JST 2026	PASS	View Log TraceLog_052026_101345_081.txt
N1_0010_TH_VTN_1	Wed May 20 10:15:31 JST 2026	Wed May 20 10:16:06 JST 2026	PASS	View Log TraceLog_052026_101531_444.txt
N1_0020_TH_VTN_1	Wed May 20 10:17:16 JST 2026	Wed May 20 10:18:08 JST 2026	PASS	View Log TraceLog_052026_101716_188.txt
N1_0015_TH_VTN_1	Wed May 20 10:18:30 JST 2026	Wed May 20 10:19:17 JST 2026	PASS	View Log TraceLog_052026_101830_832.txt
N1_0040_TH_VTN_1	Wed May 20 10:19:38 JST 2026	Wed May 20 10:20:17 JST 2026	PASS	View Log TraceLog_052026_101938_459.txt
N1_0080_TH_VTN_1	Wed May 20 10:21:18 JST 2026	Wed May 20 10:21:31 JST 2026	NA	View Log TraceLog_052026_102118_120.txt
N1_0050_TH_VTN_1	Wed May 20 10:23:13 JST 2026	Wed May 20 10:24:04 JST 2026	PASS	View Log TraceLog_052026_102313_707.txt
N1_0060_TH_VTN_1	Wed May 20 10:24:21 JST 2026	Wed May 20 10:25:12 JST 2026	PASS	View Log TraceLog_052026_102421_631.txt
N1_0065_TH_VTN_1	Wed May 20 10:25:36 JST 2026	Wed May 20 10:26:27 JST 2026	PASS	View Log TraceLog_052026_102536_416.txt
N1_0070_TH_VTN_1	Wed May 20 10:26:50 JST 2026	Wed May 20 10:27:41 JST 2026	PASS	View Log TraceLog_052026_102650_769.txt
Test Case Name	Start Time	End Time	Result	Log
P1_2010_TH_VTN_1	Wed May 20 10:29:13 JST 2026	Wed May 20 10:29:42 JST 2026	PASS	View Log TraceLog_052026_102913_867.txt
P1_2015_TH_VTN_1	Wed May 20 10:29:57 JST 2026	Wed May 20 10:30:27 JST 2026	PASS	View Log TraceLog_052026_102957_210.txt
P1_2020_TH_VTN_1	Wed May 20 10:30:48 JST 2026	Wed May 20 10:31:27 JST 2026	PASS	View Log TraceLog_052026_103048_687.txt
P1_2030_TH_VTN_1	Wed May 20 10:31:44 JST 2026	Wed May 20 10:32:26 JST 2026	PASS	View Log TraceLog_052026_103144_096.txt
P1_2040_TH_VTN_1	Wed May 20 10:32:39 JST 2026	Wed May 20 10:33:28 JST 2026	PASS	View Log TraceLog_052026_103239_129.txt
P1_2050_TH_VTN_1	Wed May 20 10:33:37 JST 2026	Wed May 20 10:33:38 JST 2026	NA	View Log TraceLog_052026_103337_198.txt

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Test Case Name	Start Time	End Time	Result	Log
R1_3010_TH_VTN_1	Wed May 20 10:34:36 JST 2026	Wed May 20 10:35:17 JST 2026	PASS	View Log TraceLog_052026_103436_568.txt
R1_3020_TH_VTN_1	Wed May 20 10:35:40 JST 2026	Wed May 20 10:38:41 JST 2026	PASS	View Log TraceLog_052026_103540_519.txt
R1_3025_TH_VTN_1	Wed May 20 10:38:57 JST 2026	Wed May 20 10:42:51 JST 2026	PASS	View Log TraceLog_052026_103857_734.txt
R1_3027_TH_VTN_1	Wed May 20 10:43:06 JST 2026	Wed May 20 10:48:32 JST 2026	PASS	View Log TraceLog_052026_104306_770.txt
R1_3030_TH_VTN_1	Wed May 20 10:48:47 JST 2026	Wed May 20 10:52:21 JST 2026	PASS	View Log TraceLog_052026_104847_018.txt
R1_3040_TH_VTN_1	Wed May 20 14:53:29 JST 2026	Wed May 20 14:54:06 JST 2026	PASS	View Log TraceLog_052026_145329_387.txt
R1_3045_TH_VTN_1	Wed May 20 14:54:23 JST 2026	Wed May 20 14:55:58 JST 2026	PASS	View Log TraceLog_052026_145423_816.txt
R1_3050_TH_VTN_1	Wed May 20 14:56:21 JST 2026	Wed May 20 14:56:54 JST 2026	PASS	View Log TraceLog_052026_145621_092.txt
R1_3060_TH_VTN_1	Wed May 20 14:57:20 JST 2026	Wed May 20 14:58:10 JST 2026	PASS	View Log TraceLog_052026_145720_611.txt
R1_3150_TH_VTN_1	Wed May 20 14:58:28 JST 2026	Wed May 20 14:59:38 JST 2026	PASS	View Log TraceLog_052026_145828_377.txt
R1_3160_TH_VTN_1	Wed May 20 14:59:51 JST 2026	Wed May 20 15:03:14 JST 2026	PASS	View Log TraceLog_052026_145951_461.txt
R1_3170_TH_VTN_1	Wed May 20 15:03:26 JST 2026	Wed May 20 15:04:18 JST 2026	PASS	View Log TraceLog_052026_150326_970.txt
R1_3180_TH_VTN_1	Wed May 20 15:04:28 JST 2026	Wed May 20 15:05:17 JST 2026	PASS	View Log TraceLog_052026_150428_139.txt
R1_3190_TH_VTN_1	Wed May 20 15:05:27 JST 2026	Wed May 20 15:06:01 JST 2026	PASS	View Log TraceLog_052026_150527_878.txt

Test Case Name	Start Time	End Time	Result	Log
E1_1010_TH_VTN_1	Wed May 20 15:07:23 JST 2026	Wed May 20 15:07:57 JST 2026	PASS	View Log TraceLog_052026_150723_701.txt
E1_1020_TH_VTN_1	Wed May 20 15:08:08 JST 2026	Wed May 20 15:08:44 JST 2026	PASS	View Log TraceLog_052026_150808_726.txt
E1_1025_TH_VTN_1	Wed May 20 15:08:56 JST 2026	Wed May 20 15:09:23 JST 2026	PASS	View Log TraceLog_052026_150856_013.txt
E1_1027_TH_VTN_1	Wed May 20 15:09:38 JST 2026	Wed May 20 15:10:13 JST 2026	PASS	View Log TraceLog_052026_150938_273.txt
E1_1030_TH_VTN_1	Wed May 20 15:10:24 JST 2026	Wed May 20 15:10:59 JST 2026	PASS	View Log TraceLog_052026_151024_377.txt
E1_1040_TH_VTN_1	Wed May 20 15:11:09 JST 2026	Wed May 20 15:12:30 JST 2026	PASS	View Log TraceLog_052026_151109_338.txt
E1_1050_TH_VTN_1	Wed May 20 15:12:42 JST 2026	Wed May 20 15:13:14 JST 2026	PASS	View Log TraceLog_052026_151242_211.txt
E1_1055_TH_VTN_1	Wed May 20 15:13:25 JST 2026	Wed May 20 15:14:14 JST 2026	PASS	View Log TraceLog_052026_151325_680.txt
E1_1060_TH_VTN_1	Wed May 20 15:20:33 JST 2026	Wed May 20 15:21:40 JST 2026	PASS	View Log TraceLog_052026_152033_588.txt
E1_1065_TH_VTN_1	Wed May 20 15:21:55 JST 2026	Wed May 20 15:21:57 JST 2026	NA	View Log TraceLog_052026_152155_915.txt
E1_1070_TH_VTN_1	Wed May 20 15:22:11 JST 2026	Wed May 20 15:22:34 JST 2026	PASS	View Log TraceLog_052026_152211_313.txt
E1_1080_TH_VTN_1	Wed May 20 15:23:14 JST 2026	Wed May 20 15:23:43 JST 2026	PASS	View Log TraceLog_052026_152314_311.txt
E1_1090_TH_VTN_1	Wed May 20 15:23:55 JST 2026	Wed May 20 15:25:19 JST 2026	PASS	View Log TraceLog_052026_152355_357.txt

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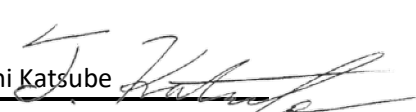
A_E1_0020_TH_VTN_1	Wed May 20 15:25:40 JST 2026	Wed May 20 15:26:32 JST 2026	PASS	View Log TraceLog_052026_152540_570.txt
A_E1_0040_TH_VTN_1	Wed May 20 15:26:43 JST 2026	Wed May 20 15:27:18 JST 2026	PASS	View Log TraceLog_052026_152643_947.txt
A_E1_0060_TH_VTN_1	Wed May 20 15:27:29 JST 2026	Wed May 20 15:27:58 JST 2026	PASS	View Log TraceLog_052026_152729_202.txt
A_E1_0070_TH_VTN_1	Wed May 20 15:28:22 JST 2026	Wed May 20 15:29:01 JST 2026	PASS	View Log TraceLog_052026_152822_420.txt
A_E1_0082_TH_VTN_1	Wed May 20 15:29:13 JST 2026	Wed May 20 15:29:45 JST 2026	PASS	View Log TraceLog_052026_152913_362.txt
A_E1_0086_TH_VTN_1	Wed May 20 15:29:55 JST 2026	Wed May 20 15:30:36 JST 2026	PASS	View Log TraceLog_052026_152955_938.txt
A_E1_0090_TH_VTN_1	Wed May 20 15:30:47 JST 2026	Wed May 20 15:31:22 JST 2026	PASS	View Log TraceLog_052026_153047_149.txt
A_E1_0092_TH_VTN_1	Wed May 20 15:31:34 JST 2026	Wed May 20 15:32:31 JST 2026	PASS	View Log TraceLog_052026_153134_583.txt
A_E1_0094_TH_VTN_1	Wed May 20 15:32:42 JST 2026	Wed May 20 15:33:13 JST 2026	PASS	View Log TraceLog_052026_153242_263.txt
A_E1_0096_TH_VTN_1	Wed May 20 15:33:22 JST 2026	Wed May 20 15:34:14 JST 2026	PASS	View Log TraceLog_052026_153322_473.txt
A_E1_0098_TH_VTN_1	Wed May 20 15:34:24 JST 2026	Wed May 20 15:35:00 JST 2026	PASS	View Log TraceLog_052026_153424_724.txt
A_E1_0100_TH_VTN_1	Wed May 20 15:35:11 JST 2026	Wed May 20 15:35:46 JST 2026	PASS	View Log TraceLog_052026_153511_160.txt
A_E1_0102_TH_VTN_1	Wed May 20 15:35:55 JST 2026	Wed May 20 15:36:31 JST 2026	PASS	View Log TraceLog_052026_153555_527.txt
A_E1_0104_TH_VTN_1	Wed May 20 15:36:41 JST 2026	Wed May 20 15:37:15 JST 2026	PASS	View Log TraceLog_052026_153641_557.txt
A_E1_0110_TH_VTN_1	Wed May 20 15:37:26 JST 2026	Wed May 20 15:37:58 JST 2026	PASS	View Log TraceLog_052026_153726_903.txt
A_E1_0130_TH_VTN_1	Wed May 20 15:38:08 JST 2026	Wed May 20 15:38:41 JST 2026	PASS	View Log TraceLog_052026_153808_596.txt
A_E1_0180_TH_VTN_1	Wed May 20 15:38:51 JST 2026	Wed May 20 15:39:27 JST 2026	PASS	View Log TraceLog_052026_153851_683.txt
A_E1_0190_TH_VTN_1	Wed May 20 15:39:38 JST 2026	Wed May 20 15:40:13 JST 2026	PASS	View Log TraceLog_052026_153938_319.txt
A_E1_0200_TH_VTN_1	Wed May 20 15:40:32 JST 2026	Wed May 20 15:41:08 JST 2026	PASS	View Log TraceLog_052026_154032_994.txt
A_E1_0210_TH_VTN_1	Wed May 20 15:41:39 JST 2026	Wed May 20 15:46:59 JST 2026	PASS	View Log TraceLog_052026_154139_709.txt
A_E1_0220_TH_VTN_1	Wed May 20 15:47:18 JST 2026	Wed May 20 15:51:40 JST 2026	PASS	View Log TraceLog_052026_154718_204.txt
A_E1_0230_TH_VTN_1	Wed May 20 15:51:57 JST 2026	Wed May 20 15:58:27 JST 2026	PASS	View Log TraceLog_052026_155157_501.txt
A_E1_0240_TH_VTN_1	Wed May 20 15:58:45 JST 2026	Wed May 20 16:00:38 JST 2026	PASS	View Log TraceLog_052026_155845_952.txt
A_E1_0250_TH_VTN_1	Wed May 20 16:00:53 JST 2026	Wed May 20 16:03:36 JST 2026	PASS	View Log TraceLog_052026_160053_540.txt
A_E1_0260_TH_VTN_1	Wed May 20 16:03:55 JST 2026	Wed May 20 16:09:09 JST 2026	PASS	View Log TraceLog_052026_160355_586.txt
A_E1_0260_TH_VTN_1	Wed May 20 16:09:27 JST 2026	Wed May 20 16:15:32 JST 2026	PASS	View Log TraceLog_052026_160927_243.txt
A_E1_0260_TH_VTN_1	Wed May 20 16:15:39 JST 2026	Wed May 20 16:20:11 JST 2026	PASS	View Log TraceLog_052026_161539_471.txt
A_E1_0262_TH_VTN_1	Wed May 20 16:20:36 JST 2026	Wed May 20 16:26:58 JST 2026	PASS	View Log TraceLog_052026_162036_643.txt
A_E1_0262_TH_VTN_1	Wed May 20 16:27:05 JST 2026	Wed May 20 16:32:51 JST 2026	PASS	View Log TraceLog_052026_162705_286.txt
A_E1_0262_TH_VTN_1	Wed May 20 16:32:58 JST 2026	Wed May 20 16:39:49 JST 2026	PASS	View Log TraceLog_052026_163258_021.txt

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A_E1_0267_TH_VTN_1	Wed May 20 16:40:06 JST 2026	Wed May 20 16:45:26 JST 2026	PASS	View Log TraceLog_052026_164006_794.txt
A_E1_0267_TH_VTN_1	Wed May 20 16:45:36 JST 2026	Wed May 20 16:51:04 JST 2026	PASS	View Log TraceLog_052026_164536_765.txt
A_E1_0267_TH_VTN_1	Wed May 20 16:51:13 JST 2026	Wed May 20 16:57:04 JST 2026	PASS	View Log TraceLog_052026_165113_266.txt
A_E1_0268_TH_VTN_1	Wed May 20 16:57:22 JST 2026	Wed May 20 17:01:57 JST 2026	PASS	View Log TraceLog_052026_165722_615.txt
A_E1_0268_TH_VTN_1	Wed May 20 17:02:04 JST 2026	Wed May 20 17:07:17 JST 2026	PASS	View Log TraceLog_052026_170204_759.txt
A_E1_0268_TH_VTN_1	Wed May 20 17:07:23 JST 2026	Wed May 20 17:11:40 JST 2026	PASS	View Log TraceLog_052026_170723_797.txt
A_E1_0270_TH_VTN_1	Wed May 20 17:12:00 JST 2026	Wed May 20 17:18:28 JST 2026	PASS	View Log TraceLog_052026_171200_102.txt
A_E1_0280_TH_VTN_1	Wed May 20 17:18:44 JST 2026	Wed May 20 17:20:23 JST 2026	PASS	View Log TraceLog_052026_171844_712.txt
A_E1_0285_TH_VTN_1	Wed May 20 17:20:44 JST 2026	Wed May 20 17:21:18 JST 2026	PASS	View Log TraceLog_052026_172044_224.txt
A_E1_0300_TH_VTN_1	Wed May 20 17:21:28 JST 2026	Wed May 20 17:22:01 JST 2026	PASS	View Log TraceLog_052026_172128_366.txt
A_E1_0310_TH_VTN_1	Wed May 20 17:22:10 JST 2026	Wed May 20 17:23:16 JST 2026	PASS	View Log TraceLog_052026_172210_512.txt
A_E1_0340_TH_VTN_1	Wed May 20 17:23:27 JST 2026	Wed May 20 17:23:57 JST 2026	PASS	View Log TraceLog_052026_172327_827.txt
A_E1_0345_TH_VTN_1	Wed May 20 17:24:07 JST 2026	Wed May 20 17:24:38 JST 2026	PASS	View Log TraceLog_052026_172407_288.txt
A_E1_0360_TH_VTN_1	Wed May 20 17:24:48 JST 2026	Wed May 20 17:25:19 JST 2026	PASS	View Log TraceLog_052026_172448_260.txt
A_E1_0370_TH_VTN_1	Wed May 20 17:25:31 JST 2026	Wed May 20 17:28:49 JST 2026	PASS	View Log TraceLog_052026_172531_560.txt
A_E1_0390_TH_VTN_1	Wed May 20 17:28:59 JST 2026	Wed May 20 17:29:42 JST 2026	PASS	View Log TraceLog_052026_172859_104.txt
A_E1_0392_TH_VTN_1	Wed May 20 17:29:53 JST 2026	Wed May 20 17:32:39 JST 2026	PASS	View Log TraceLog_052026_172953_361.txt
G1_4005_TH_VTN_1	Wed May 20 17:33:32 JST 2026	Wed May 20 17:34:17 JST 2026	PASS	View Log TraceLog_052026_173332_351.txt
G1_4007_TH_VTN_1	Wed May 20 17:35:03 JST 2026	Wed May 20 17:38:06 JST 2026	PASS	View Log TraceLog_052026_173503_194.txt
G1_4010_TH_VTN_1	Wed May 20 17:38:56 JST 2026	Wed May 20 17:39:28 JST 2026	PASS	View Log TraceLog_052026_173856_138.txt
G1_4012_TH_VTN_1	Wed May 20 17:39:59 JST 2026	Wed May 20 17:40:39 JST 2026	PASS	View Log TraceLog_052026_173959_307.txt
G1_4015_TH_VTN_1	Wed May 20 17:40:53 JST 2026	Wed May 20 17:41:27 JST 2026	PASS	View Log TraceLog_052026_174053_467.txt
G1_4030_TH_VTN_1	Wed May 20 17:41:40 JST 2026	Wed May 20 17:42:33 JST 2026	PASS	View Log TraceLog_052026_174140_534.txt

REPORT AUTHORIZED

Kenji Kitta 
Engineer

Tadashi Katsube 
Reviewer

*** End of Report ***