

Walt Disney Parks and Resorts US, Inc.

TPv2 (DAP 2)

FCC 15.207:2016

FCC 15.247:2016

902 - 928 MHz UHF RFID Transceiver

Report # SYNA0194.7





NVLAP Lab Code: 200630-0

CERTIFICATE OF TEST



Last Date of Test: September 14, 2016
Walt Disney Parks and Resorts US, Inc.
Model: TPv2 (DAP 2)

Radio Equipment Testing

Standards

| O 10.110.011 0.0 | |
|------------------|------------------|
| Specification | Method |
| FCC 15.207:2016 | ANSI C63.10:2013 |
| FCC 15.247:2016 | ANSI C03.10.2013 |

Results

| i (Court | • | | | |
|------------------|-------------------------------------|---------|---------|--------------------------------|
| Method Clause | Test Description | Applied | Results | Comments |
| 6.2 | AC - Powerline Conducted Emissions | Yes | Pass | |
| 6.5, 6.6 | Spurious Radiated Emissions | Yes | Pass | |
| 7.5 | Duty Cycle | No | N/A | |
| 7.8.2 | Carrier Frequency Separation | No | N/A | Soo CKC Toot Bonort #02000 19B |
| 7.8.3 | Number of Hopping Frequencies | No | N/A | See CKC Test Report #93909-18B |
| 7.8.4 | Dwell Time | No | N/A | |
| 7.8.5 | Output Power | Yes | Pass | |
| 7.8.6 | Band Edge Compliance | No | N/A | |
| 7.8.6 | Band Edge Compliance - Hopping Mode | No | N/A | |
| 7.8.7 | Occupied Bandwidth | No | N/A | See CKC Test Report #93909-18B |
| 7.8.8 | Spurious Conducted Emissions | No | N/A | |
| 11.10.2 | Power Spectral Density | No | N/A | |

Deviations From Test Standards

None

Approved By:

Rod Munro, Operations Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information.

REVISION HISTORY



| Revision Number | Description | Date | Page Number |
|--------------------|-------------|------|-------------|
| 00 | None | | |

ACCREDITATIONS AND AUTHORIZATIONS



United States

FCC - Designated by the FCC as a Telecommunications Certification Body (TCB). Certification chambers, Open Area Test Sites, and conducted measurement facilities are listed with the FCC.

A2LA - Accredited by A2LA to ISO / IEC 17065 as a product certifier. This allows Northwest EMC to certify transmitters to FCC and IC specifications.

NVLAP - Each laboratory is accredited by NVLAP to ISO 17025

Canada

ISED - Recognized by Innovation, Science and Economic Development Canada as a Certification Body (CB). Certification chambers and Open Area Test Sites are filed with ISED.

European Union

European Commission - Validated by the European Commission as a Notified Body under the R&TTE Directive.

Australia/New Zealand

ACMA - Recognized by ACMA as a CAB for the acceptance of test data.

Korea

MSIP / RRA - Recognized by KCC's RRA as a CAB for the acceptance of test data.

Japan

VCCI - Associate Member of the VCCI. Conducted and radiated measurement facilities are registered.

Taiwan

BSMI – Recognized by BSMI as a CAB for the acceptance of test data.

NCC - Recognized by NCC as a CAB for the acceptance of test data.

Singapore

IDA – Recognized by IDA as a CAB for the acceptance of test data.

Israel

MOC – Recognized by MOC as a CAB for the acceptance of test data.

Hong Kong

OFCA – Recognized by OFCA as a CAB for the acceptance of test data.

Vietnam

MIC – Recognized by MIC as a CAB for the acceptance of test data.

SCOPE

For details on the Scopes of our Accreditations, please visit:

http://www.nwemc.com/accreditations/ http://gsi.nist.gov/global/docs/cabs/designations.html

MEASUREMENT UNCERTAINTY



Measurement Uncertainty

When a measurement is made, the result will be different from the true or theoretically correct value. The difference is the result of tolerances in the measurement system that cannot be completely eliminated. To the extent that technology allows us, it has been our aim to minimize this error. Measurement uncertainty is a statistical expression of measurement error qualified by a probability distribution.

A measurement uncertainty estimation has been performed for each test per our internal quality document QM205.4.6. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty (K=2) can be found included as part of the applicable test description page. Our measurement data meets or exceeds the measurement uncertainty requirements of the applicable specification; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for estimating measurement uncertainty are based upon ETSI TR 100 028 (or CISPR 16-4-2 as applicable), and are available upon request.

The following table represents the Measurement Uncertainty (MU) budgets for each of the tests that may be contained in this report.

| Test | + MU | <u>- MU</u> |
|---------------------------------------|---------|-------------|
| Frequency Accuracy (Hz) | 0.0007% | -0.0007% |
| Amplitude Accuracy (dB) | 1.2 dB | -1.2 dB |
| Conducted Power (dB) | 0.3 dB | -0.3 dB |
| Radiated Power via Substitution (dB) | 0.7 dB | -0.7 dB |
| Temperature (degrees C) | 0.7°C | -0.7°C |
| Humidity (% RH) | 2.5% RH | -2.5% RH |
| Voltage (AC) | 1.0% | -1.0% |
| Voltage (DC) | 0.7% | -0.7% |
| Field Strength (dB) | 5.2 dB | -5.2 dB |
| AC Powerline Conducted Emissions (dB) | 2.4 dB | -2.4 dB |

FACILITIES



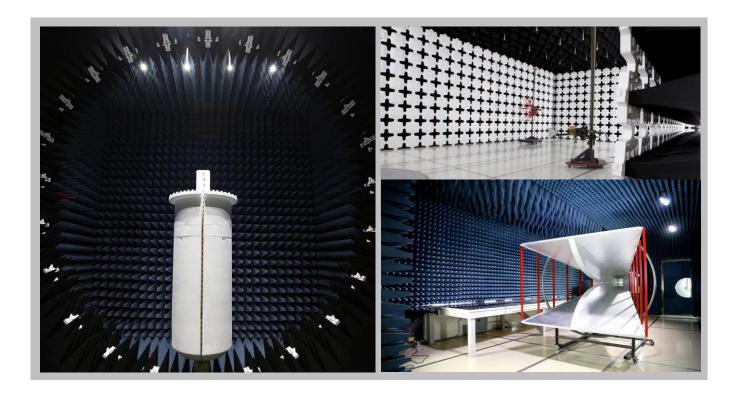




California Labs OC01-13 41 Tesla Irvine, CA 92618 (949) 861-8918 Minnesota Labs MN01-08, MN10 9349 W Broadway Ave. Brooklyn Park, MN 55445 (612)-638-5136 New York Labs NY01-04 4939 Jordan Rd. Elbridge, NY 13060 (315) 554-8214 Oregon Labs EV01-12 22975 NW Evergreen Pkwy Hillsboro, OR 97124 (503) 844-4066 **Texas**Labs TX01-09
3801 E Plano Pkwy
Plano, TX 75074
(469) 304-5255

WashingtonLabs NC01-05
19201 120th Ave NE
Bothell, WA 98011
(425)984-6600

| (949) 861-8918 | (612)-638-5136 | (315) 554-8214 | (503) 844-4066 | (469) 304-5255 | (425)984-6600 |
|--|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|
| NVLAP | | | | | |
| NVLAP Lab Code: 200676-0 | NVLAP Lab Code: 200881-0 | NVLAP Lab Code: 200761-0 | NVLAP Lab Code: 200630-0 | NVLAP Lab Code:201049-0 | NVLAP Lab Code: 200629-0 |
| | Innov | ation, Science and Eco | nomic Development Car | ada | |
| 2834B-1, 2834B-3 | 2834E-1 | N/A | 2834D-1, 2834D-2 | 2834G-1 | 2834F-1 |
| | BSMI | | | | |
| SL2-IN-E-1154R | SL2-IN-E-1152R | N/A | SL2-IN-E-1017 | SL2-IN-E-1158R | SL2-IN-E-1153R |
| | VCCI | | | | |
| A-0029 | A-0109 | N/A | A-0108 | A-0201 | A-0110 |
| Recognized Phase I CAB for ACMA, BSMI, IDA, KCC/RRA, MIC, MOC, NCC, OFCA | | | | | |
| US0158 | US0175 | N/A | US0017 | US0191 | US0157 |



PRODUCT DESCRIPTION



Client and Equipment Under Test (EUT) Information

| Company Name: | Walt Disney Parks and Resorts US, Inc. |
|--------------------------------|---|
| Address: | PO Box 10000 |
| City, State, Zip: | Lake Buena Vista, FL 32830 |
| Test Requested By: | Brian Piquette of Synapse Product Development LLC |
| Model: | TPv2 (DAP 2) |
| First Date of Test: | September 06, 2016 |
| Last Date of Test: | September 14, 2016 |
| Receipt Date of Samples: | August 31, 2016 |
| Equipment Design Stage: | Production |
| Equipment Condition: | No Damage |

Information Provided by the Party Requesting the Test

Functional Description of the EUT:

Multi-ticket media reader with Ethernet network interface Device containing an HF RFID reader (ISO 14443), UHF RFID Reader (ISO 18000), BT/BLE Radio, and proprietary 2.4GHz DTS radio.

Testing Objective:

Seeking to demonstrate compliance of the 915 MHz UHF RFID radio to FCC 15.247 requirements.

CONFIGURATIONS



Configuration SYNA0194-4

| Software/Firmware Running during test | |
|---------------------------------------|---------|
| Description | Version |
| UHFTool (900 MHz) | 0.0 |

| EUT | | | |
|--------------|--|-------------------|---------------|
| Description | Manufacturer | Model/Part Number | Serial Number |
| Access Point | Walt Disney Parks and Resorts US, Inc. | TPv2 | 850-1631035 |

| Cables | | | | | |
|----------------|--------|------------|---------|--------------|-----------------|
| Cable Type | Shield | Length (m) | Ferrite | Connection 1 | Connection 2 |
| DC Power Cable | No | .5m | No | Access Point | DC Power Supply |

Configuration SYNA0194-6

| Software/Firmware Running during test | |
|---------------------------------------|---------|
| Description | Version |
| LRR Firmware (2.4 GHz) | 0.10F |

| EUT | | | |
|--------------|--|-------------------|---------------|
| Description | Manufacturer | Model/Part Number | Serial Number |
| Access Point | Walt Disney Parks and Resorts US, Inc. | TPv2 | 850-1631028 |

| Peripherals in test setup boundary | | | | | |
|------------------------------------|--|-------------------|---------------|--|--|
| Description | Manufacturer | Model/Part Number | Serial Number | | |
| Access Point Fixture | Walt Disney Parks and Resorts US, Inc. | 310-019778-Rev-01 | No | | |
| Scanner | Zebra | SE4710 | Unknown | | |

| Remote Equipment Outside of Test Setup Boundary | | | | |
|---|--------------|-------------------|---------------|--|
| Description | Manufacturer | Model/Part Number | Serial Number | |
| POE Injector | Unknown | Unknown | Unknown | |
| Laptop | Apple | Macbook Air | C02NP2WDG5RQ | |

| Cables | | | | | | |
|----------------|--------|------------|---------|--------------|--------------|--|
| Cable Type | Shield | Length (m) | Ferrite | Connection 1 | Connection 2 | |
| Ethernet Cable | No | 6m | No | Access Point | POE Injector | |
| USB Cable | Yes | 1m | No | Access Point | Scanner | |
| Ethernet Cable | No | 1m | No | POE Injector | Laptop | |

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CONFIGURATIONS



9/22

Configuration SYNA0194-7

| Software/Firmware Running during test | | | |
|---------------------------------------|---------|--|--|
| Description | Version | | |
| UHFTool (900 MHz) | 0.0 | | |

| EUT | | | |
|--------------|--|-------------------|---------------|
| Description | Manufacturer | Model/Part Number | Serial Number |
| Access Piont | Walt Disney Parks and Resorts US, Inc. | TPv2 | 850-1631004 |

| Peripherals in test setup boundary | | | | | |
|------------------------------------|--|-------------------|---------------|--|--|
| Description | Manufacturer | Model/Part Number | Serial Number | | |
| Access Point Fixture | Walt Disney Parks and Resorts US, Inc. | 310-019778-Rev-01 | No | | |
| Scanner | Zebra | SE4710 | Unknown | | |

| Remote Equipment Outside of Test Setup Boundary | | | | | |
|---|---------------------|-------------------|---------------|--|--|
| Description | Manufacturer | Model/Part Number | Serial Number | | |
| POE Injector | Unknown | Unknown | Unknown | | |
| Laptop | Apple | Macbook Air | C02NP2WDG5RQ | | |
| DC Power Supply | Topward Electronics | TPS-2000 | TPD | | |

| Cables | | | | | | |
|----------------|--------|------------|---------|-----------------|-----------------|--|
| Cable Type | Shield | Length (m) | Ferrite | Connection 1 | Connection 2 | |
| DC Power Cable | No | .5m | No | Access Point | DC Power Supply | |
| Ethernet Cable | No | 6m | No | Access Point | POE Injector | |
| USB Cable | Yes | 1m | No | Access Point | Scanner | |
| Ethernet Cable | No | 1m | No | POE Injector | Laptop | |
| AC Power | No | 2.5m | No | DC Power Supply | AC mains | |

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MODIFICATIONS



Equipment Modifications

| Item | Date | Test | Modification | Note | Disposition of EUT |
|------|-----------|---|--------------------------------------|---|---|
| 1 | 9/6/2016 | Spurious Radiated Emissions | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 2 | 9/12/2016 | AC – Powerline Conducted Emissions | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | EUT remained at Northwest EMC following the test. |
| 3 | 9/14/2016 | Output Power | Tested as delivered to Test Station. | No EMI suppression devices were added or modified during this test. | Scheduled testing was completed. |



TEST DESCRIPTION

Using the mode of operation and configuration noted within this report, conducted emissions tests were performed. The frequency range investigated (scanned), is also noted in this report. Conducted power line measurements are made, unless otherwise specified, over the frequency range from 150 kHz to 30 MHz to determine the line-to-ground radio-noise voltage that is conducted from the EUT power-input terminals that are directly (or indirectly via separate transformer or power supplies) connected to a public power network. Per the standard, an insulating material was also added to ground plane between the EUT's power and remote I/O cables. Equipment is tested with power cords that are normally used or that have electrical or shielding characteristics that are the same as those cords normally used. Typically those measurements are made using a LISN (Line Impedance Stabilization Network), the 50ohm measuring port is terminated by a 50ohm EMI meter or a 50ohm resistive load. All 50ohm measuring ports of the LISN are terminated by 50ohm. The test data represents the configuration / operating mode/ model that produced the highest emission levels as compared to the specification limit.

TEST EQUIPMENT

| Description | Manufacturer | Model | ID | Last Cal. | Cal. Due |
|----------------------------------|-------------------|------------------|------|-----------|-----------|
| Cable - Conducted Cable Assembly | Northwest EMC | EVG, HHD, RKA | EVGA | 5/10/2016 | 5/10/2017 |
| LISN | Solar Electronics | 9252-50-R-24-BNC | LIP | 1/27/2015 | 1/27/2017 |
| Receiver | Rohde & Schwarz | ESCI | ARH | 3/21/2016 | 3/21/2017 |
| Power Supply - DC | Topward | TPS-2000 | TPD | NCR | NCR |

MEASUREMENT UNCERTAINTY

| Description | | |
|--------------|--------|---------|
| Expanded k=2 | 2.4 dB | -2.4 dB |

CONFIGURATIONS INVESTIGATED

SYNA0194-6

MODES INVESTIGATED

Transmit, 900 MHz



| EUT: | TPv2 (DAP 2) | Work Order: | SYNA0194 |
|-------------------|---------------------------------|--------------------|------------|
| Serial Number: | 850-1631004 | Date: | 09/12/2016 |
| Customer: | Synapse Product Development LLC | Temperature: | 23.3°C |
| Attendees: | None | Relative Humidity: | 40.5% |
| Customer Project: | None | Bar. Pressure: | 1022 mb |
| Tested By: | Jared Ison | Job Site: | EV07 |
| Power: | 24 VDC | Configuration: | SYNA0194-6 |

TEST SPECIFICATIONS

| Specification: | Method: |
|-----------------|------------------|
| FCC 15.207:2016 | ANSI C63.10:2013 |

TEST PARAMETERS

| Run #: | ٥ | Line: | High Line | Add. Ext. Attenuation (dB): | Λ |
|---------|---|-------|-----------|------------------------------|---|
| Null #. | 9 | LINE. | High Line | Auu. Ext. Atteriuation (ub). | U |

COMMENTS

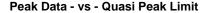
face plate # 3691-3605.

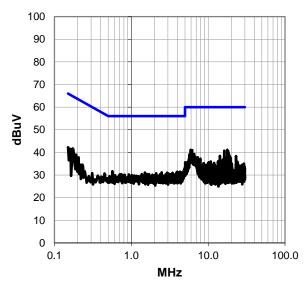
EUT OPERATING MODES

Transmit, UHF Radio 915.250 MHz

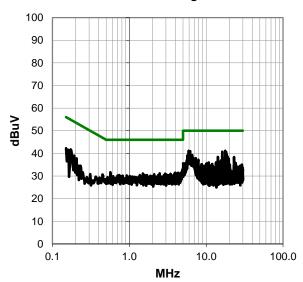
DEVIATIONS FROM TEST STANDARD

None.





Peak Data - vs - Average Limit



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7.921

17.1

20.1



-12.8

RESULTS - Run #9

Peak Data - vs - Quasi Peak Limit

| T ear Data - vs - Quasi i ear Liitiit | | | | | | | |
|---------------------------------------|----------------|----------------|-----------------|--------------------------|----------------|--|--|
| Freq (MHz) | Amp. (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Margin (dB) | | |
| 5.910 | 21.0 | 20.1 | 41.1 | 60.0 | -18.9 | | |
| 17.692 | 20.5 | 20.6 | 41.1 | 60.0 | -18.9 | | |
| 6.209 | 20.8 | 20.1 | 40.9 | 60.0 | -19.1 | | |
| 6.022 | 20.6 | 20.1 | 40.7 | 60.0 | -19.3 | | |
| 16.230 | 20.3 | 20.4 | 40.7 | 60.0 | -19.3 | | |
| 18.241 | 19.9 | 20.6 | 40.5 | 60.0 | -19.5 | | |
| 6.183 | 20.2 | 20.1 | 40.3 | 60.0 | -19.7 | | |
| 18.304 | 19.2 | 20.6 | 39.8 | 60.0 | -20.2 | | |
| 18.364 | 19.1 | 20.7 | 39.8 | 60.0 | -20.2 | | |
| 16.166 | 19.2 | 20.4 | 39.6 | 60.0 | -20.4 | | |
| 6.563 | 19.1 | 20.1 | 39.2 | 60.0 | -20.8 | | |
| 5.728 | 19.0 | 20.1 | 39.1 | 60.0 | -20.9 | | |
| 6.407 | 19.0 | 20.1 | 39.1 | 60.0 | -20.9 | | |
| 18.912 | 18.0 | 20.7 | 38.7 | 60.0 | -21.3 | | |
| 6.470 | 18.4 | 20.1 | 38.5 | 60.0 | -21.5 | | |
| 14.211 | 18.0 | 20.4 | 38.4 | 60.0 | -21.6 | | |
| 23.124 | 17.6 | 20.8 | 38.4 | 60.0 | -21.6 | | |
| 6.664 | 18.1 | 20.1 | 38.2 | 60.0 | -21.8 | | |
| 6.701 | 18.1 | 20.1 | 38.2 | 60.0 | -21.8 | | |
| 18.487 | 17.5 | 20.7 | 38.2 | 60.0 | -21.8 | | |
| 6.806 | 17.7 | 20.1 | 37.8 | 60.0 | -22.2 | | |
| 7.313 | 17.7 | 20.1 | 37.8 | 60.0 | -22.2 | | |
| 17.935 | 17.2 | 20.6 | 37.8 | 60.0 | -22.2 | | |
| 17.080 | 17.1 | 20.6 | 37.7 | 60.0 | -22.3 | | |
| 19.707 | 16.9 | 20.7 | 37.6 | 60.0 | -22.4 | | |
| 7.921 | 17.1 | 20.1 | 37.2 | 60.0 | -22.8 | | |

| Peak Data - vs - Average Limit | | | | | | | |
|--------------------------------|----------------|----------------|--------------------|--------------------------|----------------|--|--|
| Freq (MHz) | Amp. (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Margin (dB) | | |
| 5.910 | 21.0 | 20.1 | 41.1 | 50.0 | -8.9 | | |
| 17.692 | 20.5 | 20.6 | 41.1 | 50.0 | -8.9 | | |
| 6.209 | 20.8 | 20.1 | 40.9 | 50.0 | -9.1 | | |
| 6.022 | 20.6 | 20.1 | 40.7 | 50.0 | -9.3 | | |
| 16.230 | 20.3 | 20.4 | 40.7 | 50.0 | -9.3 | | |
| 18.241 | 19.9 | 20.6 | 40.5 | 50.0 | -9.5 | | |
| 6.183 | 20.2 | 20.1 | 40.3 | 50.0 | -9.7 | | |
| 18.304 | 19.2 | 20.6 | 39.8 | 50.0 | -10.2 | | |
| 18.364 | 19.1 | 20.7 | 39.8 | 50.0 | -10.2 | | |
| 16.166 | 19.2 | 20.4 | 39.6 | 50.0 | -10.4 | | |
| 6.563 | 19.1 | 20.1 | 39.2 | 50.0 | -10.8 | | |
| 5.728 | 19.0 | 20.1 | 39.1 | 50.0 | -10.9 | | |
| 6.407 | 19.0 | 20.1 | 39.1 | 50.0 | -10.9 | | |
| 18.912 | 18.0 | 20.7 | 38.7 | 50.0 | -11.3 | | |
| 6.470 | 18.4 | 20.1 | 38.5 | 50.0 | -11.5 | | |
| 14.211 | 18.0 | 20.4 | 38.4 | 50.0 | -11.6 | | |
| 23.124 | 17.6 | 20.8 | 38.4 | 50.0 | -11.6 | | |
| 6.664 | 18.1 | 20.1 | 38.2 | 50.0 | -11.8 | | |
| 6.701 | 18.1 | 20.1 | 38.2 | 50.0 | -11.8 | | |
| 18.487 | 17.5 | 20.7 | 38.2 | 50.0 | -11.8 | | |
| 6.806 | 17.7 | 20.1 | 37.8 | 50.0 | -12.2 | | |
| 7.313 | 17.7 | 20.1 | 37.8 | 50.0 | -12.2 | | |
| 17.935 | 17.2 | 20.6 | 37.8 | 50.0 | -12.2 | | |
| 17.080 | 17.1 | 20.6 | 37.7 | 50.0 | -12.3 | | |
| 19.707 | 16.9 | 20.7 | 37.6 | 50.0 | -12.4 | | |
| | | | | | | | |

CONCLUSION

Pass

Tested By

37.2

50.0



| EUT: | TPv2 (DAP 2) | Work Order: | SYNA0194 |
|-------------------|---------------------------------|--------------------|------------|
| Serial Number: | 850-1631004 | Date: | 09/12/2016 |
| Customer: | Synapse Product Development LLC | Temperature: | 23.3°C |
| Attendees: | None | Relative Humidity: | 40.5% |
| Customer Project: | None | Bar. Pressure: | 1022 mb |
| Tested By: | Jared Ison | Job Site: | EV07 |
| Power: | 24 VDC | Configuration: | SYNA0194-6 |

TEST SPECIFICATIONS

| Specification: | Method: |
|-----------------|------------------|
| FCC 15.207:2016 | ANSI C63.10:2013 |

TEST PARAMETERS

| Run #: | 10 | Line: | Neutral | Add. Ext. Attenuation (dB): | 0 |
|--------|----|-------|---------|-----------------------------|---|
| | | | | | |

COMMENTS

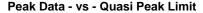
face plate # 3691-3605.

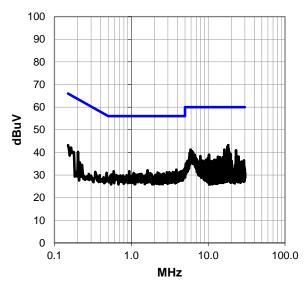
EUT OPERATING MODES

Transmit, UHF Radio 915.250 MHz

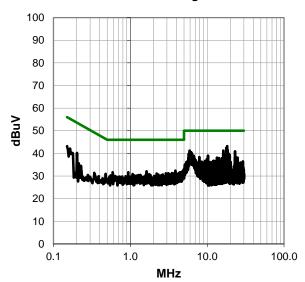
DEVIATIONS FROM TEST STANDARD

None.





Peak Data - vs - Average Limit



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RESULTS - Run #10

Peak Data - vs - Quasi Peak Limit

| | 1 Can Da | ia vo c | taabi i bai | | |
|---------------|----------------|----------------|-----------------|--------------------------|----------------|
| Freq (MHz) | Amp. (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Margin (dB) |
| 18.241 | 22.6 | 20.6 | 43.2 | 60.0 | -16.8 |
| 17.692 | 21.8 | 20.6 | 42.4 | 60.0 | -17.6 |
| 18.304 | 21.3 | 20.6 | 41.9 | 60.0 | -18.1 |
| 18.364 | 20.7 | 20.7 | 41.4 | 60.0 | -18.6 |
| 5.907 | 21.1 | 20.1 | 41.2 | 60.0 | -18.8 |
| 16.226 | 20.8 | 20.4 | 41.2 | 60.0 | -18.8 |
| 23.124 | 20.1 | 20.8 | 40.9 | 60.0 | -19.1 |
| 6.164 | 20.4 | 20.1 | 40.5 | 60.0 | -19.5 |
| 6.310 | 20.0 | 20.1 | 40.1 | 60.0 | -19.9 |
| 18.912 | 19.3 | 20.7 | 40.0 | 60.0 | -20.0 |
| 16.166 | 19.5 | 20.4 | 39.9 | 60.0 | -20.1 |
| 5.746 | 19.7 | 20.1 | 39.8 | 60.0 | -20.2 |
| 6.332 | 19.7 | 20.1 | 39.8 | 60.0 | -20.2 |
| 16.897 | 19.1 | 20.6 | 39.7 | 60.0 | -20.3 |
| 5.985 | 19.3 | 20.1 | 39.4 | 60.0 | -20.6 |
| 6.399 | 19.3 | 20.1 | 39.4 | 60.0 | -20.6 |
| 17.938 | 18.8 | 20.6 | 39.4 | 60.0 | -20.6 |
| 18.487 | 18.6 | 20.7 | 39.3 | 60.0 | -20.7 |
| 5.873 | 19.1 | 20.1 | 39.2 | 60.0 | -20.8 |
| 19.707 | 18.5 | 20.7 | 39.2 | 60.0 | -20.8 |
| 10.242 | 18.8 | 20.2 | 39.0 | 60.0 | -21.0 |
| 6.701 | 18.8 | 20.1 | 38.9 | 60.0 | -21.1 |
| 17.569 | 18.3 | 20.6 | 38.9 | 60.0 | -21.1 |
| 5.783 | 18.7 | 20.1 | 38.8 | 60.0 | -21.2 |
| 6.511 | 18.6 | 20.1 | 38.7 | 60.0 | -21.3 |
| 6.735 | 18.5 | 20.1 | 38.6 | 60.0 | -21.4 |

| | Peak Da | ata - vs - | Average L | imit | |
|---------------|----------------|----------------|-----------------|--------------------------|----------------|
| Freq (MHz) | Amp. (dBuV) | Factor (dB) | Adjusted (dBuV) | Spec. Limit (dBuV) | Margin (dB) |
| 18.241 | 22.6 | 20.6 | 43.2 | 50.0 | -6.8 |
| 17.692 | 21.8 | 20.6 | 42.4 | 50.0 | -7.6 |
| 18.304 | 21.3 | 20.6 | 41.9 | 50.0 | -8.1 |
| 18.364 | 20.7 | 20.7 | 41.4 | 50.0 | -8.6 |
| 5.907 | 21.1 | 20.1 | 41.2 | 50.0 | -8.8 |
| 16.226 | 20.8 | 20.4 | 41.2 | 50.0 | -8.8 |
| 23.124 | 20.1 | 20.8 | 40.9 | 50.0 | -9.1 |
| 6.164 | 20.4 | 20.1 | 40.5 | 50.0 | -9.5 |
| 6.310 | 20.0 | 20.1 | 40.1 | 50.0 | -9.9 |
| 18.912 | 19.3 | 20.7 | 40.0 | 50.0 | -10.0 |
| 16.166 | 19.5 | 20.4 | 39.9 | 50.0 | -10.1 |
| 5.746 | 19.7 | 20.1 | 39.8 | 50.0 | -10.2 |
| 6.332 | 19.7 | 20.1 | 39.8 | 50.0 | -10.2 |
| 16.897 | 19.1 | 20.6 | 39.7 | 50.0 | -10.3 |
| 5.985 | 19.3 | 20.1 | 39.4 | 50.0 | -10.6 |
| 6.399 | 19.3 | 20.1 | 39.4 | 50.0 | -10.6 |
| 17.938 | 18.8 | 20.6 | 39.4 | 50.0 | -10.6 |
| 18.487 | 18.6 | 20.7 | 39.3 | 50.0 | -10.7 |
| 5.873 | 19.1 | 20.1 | 39.2 | 50.0 | -10.8 |
| 19.707 | 18.5 | 20.7 | 39.2 | 50.0 | -10.8 |
| 10.242 | 18.8 | 20.2 | 39.0 | 50.0 | -11.0 |
| 6.701 | 18.8 | 20.1 | 38.9 | 50.0 | -11.1 |
| 17.569 | 18.3 | 20.6 | 38.9 | 50.0 | -11.1 |
| 5.783 | 18.7 | 20.1 | 38.8 | 50.0 | -11.2 |
| 6.511 | 18.6 | 20.1 | 38.7 | 50.0 | -11.3 |
| 6.735 | 18.5 | 20.1 | 38.6 | 50.0 | -11.4 |

CONCLUSION

Pass

Tested By

SPURIOUS RADIATED EMISSIONS



Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data. The test data represents the configuration / operating mode/ model that produced the highest emission levels as compared to the specification limit.

MODES OF OPERATION

Tx continuous, Low Ch. 902.750 MHz PRASK SRD

Tx continuous, Mid Ch. 915.250 MHz PRASK SRD

Tx continuous, High Ch. 927.250 MHz PRASK SRD

POWER SETTINGS INVESTIGATED

POE

24VDC

CONFIGURATIONS INVESTIGATED

SYNA0194 - 7

FREQUENCY RANGE INVESTIGATED

| Start Frequency 30 MHz | Stop Frequency | 12400 MHz |
|------------------------|----------------|-----------|
|------------------------|----------------|-----------|

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

TEST EQUIPMENT

| Description | Manufacturer | Model | ID | Last Cal. | Interval |
|---------------------------|---------------|---------------------------|-----|-----------|----------|
| Cable | None | Standard Gain Horns Cable | EVF | 3/11/2016 | 12 mo |
| Amplifier - Pre-Amplifier | Miteq | AMF-6F-08001200-30-10P | AVC | 3/11/2016 | 12 mo |
| Antenna - Standard Gain | ETS Lindgren | 3160-07 | AHU | NCR | 0 mo |
| Attenuator | Coaxicom | 3910-20 | AXZ | 5/18/2016 | 12 mo |
| Filter - High Pass | Micro-Tronics | HPM50108 | HFV | 3/22/2016 | 12 mo |
| Filter - Low Pass | Micro-Tronics | LPM50003 | LFB | 5/18/2016 | 12 mo |
| Cable | N/A | Double Ridge Horn Cables | EVB | 3/11/2016 | 12 mo |
| Amplifier - Pre-Amplifier | Miteq | AMF-3D-00100800-32-13P | PAG | 3/11/2016 | 12 mo |
| Antenna - Double Ridge | ETS Lindgren | 3115 | AIZ | 2/3/2016 | 24 mo |
| Amplifier - Pre-Amplifier | Miteq | AM-1616-1000 | AOL | 3/11/2016 | 12 mo |
| Cable | N/A | Bilog Cables | EVA | 3/11/2016 | 12 mo |
| Antenna - Biconilog | Teseq | CBL 6141B | AXR | 6/30/2016 | 24 mo |

TEST DESCRIPTION

The highest gain of each type of antenna to be used with the EUT was tested. The EUT was configured for low, mid, and high band transmit frequencies. For each configuration, the spectrum was scanned throughout the specified range. In addition, measurements were made in the restricted bands to verify compliance. While scanning, emissions from the EUT were maximized by rotating the EUT on a turntable, adjusting the position of the EUT and the EUT antenna in three orthogonal axis, and adjusting measurement antenna height and polarization. A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

Report No. SYNA0194.7

SPURIOUS RADIATED EMISSIONS



■ PK ◆ AV • QP

| | | | | EmiR5 2016.07.22.1 | | | | |
|---------------------|-------------------------|---------------------------|---------------------|---|--|--|--|--|
| Work Order: | SYNA0194 | Date: | 09/06/16 | - 1 | | | | |
| Project: | None | Temperature: | 22.9 °C | 111 | | | | |
| Job Site: | EV01 | Humidity: | 46% RH | | | | | |
| Serial Number: | 850-1631004 | Barometric Pres.: | 1017 mbar | Tested by: Brandon Hobbs | | | | |
| EUT: | TPv2 (DAP 2) | | | | | | | |
| Configuration: | 7 | | | <u>-</u> | | | | |
| Customer: | Walt Disney Parks an | d Resorts US, Inc. | | | | | | |
| | Hattie Spetla | | | | | | | |
| EUT Power: | Please refer to EUT of | omments | | | | | | |
| Operating Mode: | Tx continuous, PRASI | K Modulation SRD, Pleas | se reference the da | ta comments for more specific operating modes. | | | | |
| Deviations: | None | None | | | | | | |
| | Face Plate # 3691-36 | 05. Please reference the | data comments fo | r frequency, channel and EUT orientation. Extra USB | | | | |
| Comments: | and I/O ports are not u | used. Futher, they are no | t customer accessi | ble. Can be powered by either POE or 24VDC. | | | | |
| Test Specifications | | | Test Met | hod | | | | |
| FCC 15.247:2016 | • | | ANSI C63 | 3.10:2013 | | | | |

| Run# | 22 | Test Distance (m) 3 | Antenna Height(s) | 1 to 4(m) | Results | Pass |
|------|----|---------------------|-------------------|-----------|---------|-------|
| 80 | | | | | | |
| 70 | | | | | | |
| 60 | | | | | | |
| 50 | | | | | | |
| 40 | | | | | | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |
| 0 10 | | 100 | 1000 | 10000 | | 10000 |

| | req IHz) | Amplitude (dBuV) | Factor (dB) | Antenna Height (meters) | Azimuth (degrees) | Test Distance (meters) | External Attenuation (dB) | Polarity/ Transducer Type | Detector | Distance Adjustment (dB) | Adjusted (dBuV/m) | Spec. Limit (dBuV/m) | Compared to Spec. (dB) | |
|------|----------------|---------------------|----------------|-------------------------|-------------------|---------------------------|---------------------------------|---------------------------------|----------|--------------------------------|----------------------|-------------------------|------------------------------|---|
| 400 | 7.005 | 07.5 | | | 24.0 | | | | *** | | 20.0 | | 47.0 | Comments |
| | 7.635 | 27.5 | 8.7 | 2.2 | 31.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 36.2 | 54.0 | -17.8 | High Ch. 927.250MHz, POE, EUT Horz |
| | 7.515 7.525 | 27.4 27.5 | 8.7 | 1.1 | 69.0 | 3.0 3.0 | 0.0 0.0 | Horz Horz | AV AV | 0.0 0.0 | 36.1 36.1 | 54.0 | -17.9 -17.9 | High Ch. 927.250MHz, POE, EUT Vert Mid Ch. 915.250MHz, POE, EUT Vert |
| | | | 8.6 | 1.0 | 84.0 | 3.0 | | | AV | 0.0 | 36.1 | 54.0 | | |
| | 7.640 | 27.5 27.6 | 8.6 | 1.0 | 0.0 | 3.0 | 0.0 0.0 | Vert Vert | AV | | 36.1 | 54.0 | -17.9 -17.9 | Mid Ch. 915.250MHz, POE, EUT Horz Low Ch. 902.750MHz, POE, EUT Horz |
| | 4.150 | 27.6 27.5 | 8.5 8.5 | 3.5 | 108.0 | 3.0 | 0.0 | | AV | 0.0 | 36.1 | 54.0 54.0 | -17.9 -18.0 | High Ch. 902.750MHz, POE, EUT Horz |
| | 4.345 | | | 1.0 | 17.0 | 3.0 | | Horz Horz | | 0.0 | | | | |
| | 7.825 | 28.4 | 6.5 | 1.0 | 45.0 | | 0.0 | | AV | 0.0 | 34.9 | 54.0 | -19.1 | High Ch. 927.250MHz, POE, EUT Vert |
| | 8.265 | 28.4 | 6.5 | 1.7 | 360.0 | 3.0 | 0.0 | Vert | AV AV | 0.0 | 34.9 | 54.0 | -19.1 | High Ch. 927.250MHz, POE, EUT Horz |
| | 2.030 | 28.1 | 6.2 | 1.5 | 124.0 | 3.0 | 0.0 | Horz | | 0.0 | 34.3 | 54.0 | -19.7 | Mid Ch. 915.250MHz, POE, EUT Vert |
| | 1.435 | 28.1 | 6.2 | 1.0 | 146.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 34.3 | 54.0 | -19.7 | Mid Ch. 915.250MHz, POE, EUT Horz |
| | 0.135 | 28.3 | 6.0 | 1.5 | 157.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 34.3 | 54.0 | -19.7 | Low Ch. 902.750MHz, POE, EUT Horz |
| | 0.115 | 28.2 | 6.0 | 1.0 | 127.0 | 3.0 | 0.0 | Horz | AV AV | 0.0 | 34.2 | 54.0 | -19.8 | Low Ch. 902.750MHz, POE, EUT Vert |
| | 8.280 | 31.8 | 0.0 | 1.0 | 112.0 | 3.0 | 0.0 | Vert | | 0.0 | 31.8 | 54.0 | -22.2 | Low Ch. 902.750MHz, POE, EUT Horz |
| | 1.755 | 30.7 | 0.3 | 1.1 | 47.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 31.0 | 54.0 | -23.0 | High Ch. 927.250MHz, POE, EUT Horz |
| | 1.855 | 30.5 | 0.3 | 2.8 | 64.0 | 3.0 | 0.0 | Horz | AV | 0.0 | 30.8 | 54.0 | -23.2 | High Ch. 927.250MHz, POE, EUT Vert |
| | 1.750 | 30.5 | 0.3 | 1.0 | 48.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 30.8 | 54.0 | -23.2 | High Ch. 927.250MHz, 24VDC, EUT Horz |
| | 5.580 | 30.6 | 0.1 | 3.3 | 314.0 | 3.0 | 0.0 | Horz | AV | 0.0 | 30.7 | 54.0 | -23.3 | Mid Ch. 915.250MHz, POE, EUT Vert |
| | 1.645 | 30.3 | 0.3 | 2.4 | 198.0 | 3.0 | 0.0 | Horz | AV | 0.0 | 30.6 | 54.0 | -23.4 | High Ch. 927.250MHz, POE, EUT On Side |
| | 8.555 | 30.2 | 0.1 | 1.0 | 28.0 | 3.0 | 0.0 | Horz | AV | 0.0 | 30.3 | 54.0 | -23.7 | Low Ch. 902.750MHz, POE, EUT Vert |
| | 2.475 | 29.9 | 0.3 | 1.0 | 99.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 30.2 | 54.0 | -23.8 | High Ch. 927.250MHz, POE, EUT Vert |
| | 2.610 | 29.9 | 0.3 | 1.0 | 176.0 | 3.0 | 0.0 | Horz | AV | 0.0 | 30.2 | 54.0 | -23.8 | High Ch. 927.250MHz, POE, EUT Horz |
| | 4.675 | 30.1 | 0.1 | 3.2 | 185.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 30.2 | 54.0 | -23.8 | Mid Ch. 915.250MHz, POE, EUT Vert |
| | 2.195 | 29.8 | 0.3 | 1.0 | 193.0 | 3.0 | 0.0 | Vert | AV | 0.0 | 30.1 | 54.0 | -23.9 | High Ch. 927.250MHz, POE, EUT On Side |
| | 3.035 | 29.8 | 0.3 | 1.0 | 194.0 | 3.0 | 0.0 | Horz | AV | 0.0 | 30.1 | 54.0 | -23.9 | High Ch. 927.250MHz, 24VDC, EUT Vert |
| | 4.900 | 39.1 | 8.5 | 1.0 | 84.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 47.6 | 74.0 | -26.4 | Mid Ch. 915.250MHz, POE, EUT Vert |
| | 5.115 | 39.1 | 8.5 | 1.0 | 17.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 47.6 | 74.0 | -26.4 | Low Ch. 902.750MHz, POE, EUT Vert |
| | 6.920 | 38.6 | 8.7 | 1.1 | 69.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 47.3 | 74.0 | -26.7 | High Ch. 927.250MHz, POE, EUT Vert |
| | 3.925 | 38.7 | 8.5 | 3.5 | 108.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 47.2 | 74.0 | -26.8 | Low Ch. 902.750MHz, POE, EUT Horz |
| 4576 | 6.730 | 38.5 | 8.6 | 1.0 | 0.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 47.1 | 74.0 | -26.9 | Mid Ch. 915.250MHz, POE, EUT Horz |

| Freq (MHz) | Amplitude (dBuV) | Factor (dB) | Antenna Height (meters) | Azimuth (degrees) | Test Distance (meters) | External Attenuation (dB) | Polarity/ Transducer Type | Detector | Distance Adjustment (dB) | Adjusted (dBuV/m) | Spec. Limit (dBuV/m) | Compared to Spec. (dB) | Comments |
|---------------|---------------------|----------------|-------------------------|----------------------|---------------------------|---------------------------------|---------------------------------|----------|--------------------------------|----------------------|-------------------------|------------------------------|---------------------------------------|
| 4635.270 | 38.3 | 8.7 | 2.2 | 31.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 47.0 | 74.0 | -27.0 | High Ch. 927.250MHz, POE, EUT Horz |
| 3709.465 | 40.1 | 6.5 | 1.0 | 45.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 46.6 | 74.0 | -27.4 | High Ch. 927.250MHz, POE, EUT Vert |
| 3708.385 | 39.2 | 6.5 | 1.7 | 360.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 45.7 | 74.0 | -28.3 | High Ch. 927.250MHz, POE, EUT Horz |
| 3660.810 | 38.9 | 6.2 | 1.0 | 146.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 45.1 | 74.0 | -28.9 | Mid Ch. 915.250MHz, POE, EUT Horz |
| 3611.525 | 38.9 | 6.0 | 1.5 | 157.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 44.9 | 74.0 | -29.1 | Low Ch. 902.750MHz, POE, EUT Horz |
| 3661.035 | 38.6 | 6.2 | 1.5 | 124.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 44.8 | 74.0 | -29.2 | Mid Ch. 915.250MHz, POE, EUT Vert |
| 3611.815 | 38.8 | 6.0 | 1.0 | 127.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 44.8 | 74.0 | -29.2 | Low Ch. 902.750MHz, POE, EUT Vert |
| 2746.495 | 42.5 | 0.1 | 3.2 | 185.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 42.6 | 74.0 | -31.4 | Mid Ch. 915.250MHz, POE, EUT Horz |
| 2781.630 | 41.8 | 0.3 | 2.8 | 64.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 42.1 | 74.0 | -31.9 | High Ch. 927.250MHz, POE, EUT Vert |
| 2780.540 | 41.6 | 0.3 | 1.0 | 48.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 41.9 | 74.0 | -32.1 | High Ch. 927.250MHz, 24VDC, EUT Horz |
| 2708.855 | 41.8 | 0.1 | 1.0 | 112.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 41.9 | 74.0 | -32.1 | Low Ch. 902.750MHz, POE, EUT Horz |
| 2781.740 | 41.5 | 0.3 | 1.0 | 193.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 41.8 | 74.0 | -32.2 | High Ch. 927.250MHz, POE, EUT On Side |
| 2781.675 | 41.2 | 0.3 | 2.4 | 198.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 41.5 | 74.0 | -32.5 | High Ch. 927.250MHz, POE, EUT On Side |
| 2781.200 | 41.2 | 0.3 | 1.0 | 176.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 41.5 | 74.0 | -32.5 | High Ch. 927.250MHz, POE, EUT Horz |
| 2781.735 | 41.1 | 0.3 | 1.1 | 47.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 41.4 | 74.0 | -32.6 | High Ch. 927.250MHz, POE, EUT Horz |
| 2782.995 | 41.0 | 0.3 | 1.0 | 99.0 | 3.0 | 0.0 | Vert | PK | 0.0 | 41.3 | 74.0 | -32.7 | High Ch. 927.250MHz, POE, EUT Vert |
| 2745.635 | 41.1 | 0.1 | 3.3 | 314.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 41.2 | 74.0 | -32.8 | Mid Ch. 915.250MHz, POE, EUT Vert |
| 2707.180 | 41.1 | 0.0 | 1.0 | 28.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 41.1 | 74.0 | -32.9 | Low Ch. 902.750MHz, POE, EUT Vert |
| 2783.195 | 40.7 | 0.3 | 1.0 | 194.0 | 3.0 | 0.0 | Horz | PK | 0.0 | 41.0 | 74.0 | -33.0 | High Ch. 927.250MHz, 24VDC, EUT Vert |



Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

| 1201 23011 1112111 | | | | | |
|------------------------------|------------------|----------|-----|------------|------------|
| Description | Manufacturer | Model | ID | Last Cal. | Cal. Due |
| Attenuator | S.M. Electronics | SA26B-20 | AUY | 6/27/2016 | 6/27/2017 |
| Block - DC | Pasternack | PE8210 | AME | 10/1/2015 | 10/1/2016 |
| Cable | ESM Cable Corp. | TT | EV1 | NCR | NCR |
| Generator - Signal | Keysight | N5182B | TFU | 10/27/2015 | 10/27/2018 |
| Meter - Multimeter | Tektronix | DMM912 | MMH | 2/17/2016 | 2/17/2019 |
| Power Supply - DC | Topward | TPS-2000 | TPD | NCR | NCR |
| Analyzer - Spectrum Analyzer | Keysight | N9010A | AFP | 8/10/2016 | 8/10/2017 |

TEST DESCRIPTION

The peak output power was measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting in a no hop mode at the data rate(s) listed in the datasheet.

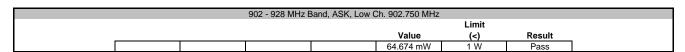
The method found in ANSI C63.10:2013 Section 7.8.5 was used for a FHSS radio.

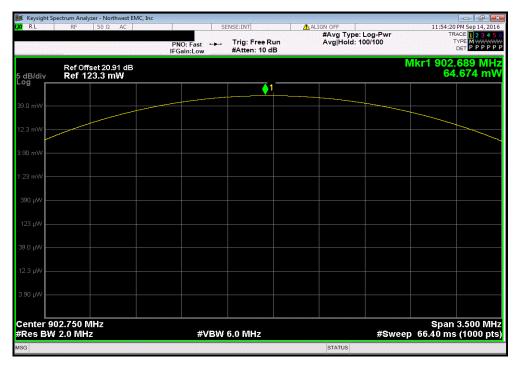
De Facto EIRP Limit: The EUT meets the de facto EIRP limit of +36 dBm.



| EUT: | TPv2 (DAP 2) | | | Work Order: | | |
|--------------------|--|------------|------------------|-------------------------------------|-------------------|----------------------|
| Serial Number: | 850-1631035 | | | Date: | 09/14/16 | |
| Customer: | Walt Disney Parks and Resorts | s US, Inc. | | Temperature: | | |
| Attendees: | None | | | Humidity: | 37.4% RH | , |
| Project: | None | | | Barometric Pres.: | 1020 mbar | |
| | Jared Ison | | Power: 24 VDC | Job Site: | EV06 | |
| TEST SPECIFICAT | IONS | | Test Method | | | |
| FCC 15.247:2016 | | | ANSI C63.10:2013 | | | |
| | | | | | | |
| COMMENTS | | | | | | |
| None | | | | | | |
| DEVIATIONS EDON | M TEST STANDARD | | | | | |
| | W TEST STANDARD | | | | | |
| None | | | | | | |
| Configuration # | 4 | Signature | <u> </u> | | | |
| | - | | | | Limit | |
| | | | | Value | (<) | Result |
| 902 - 928 MHz Band | d ASK | | | | | |
| | Low Ch. 902.750 M Mid Ch., 915.250 M High Ch., 927.250 | ИHz | | 64.674 mW 62.169 mW 58.859 mW | 1 W 1 W 1 W | Pass Pass Pass |
| | g.,, | | | | | |







| | 902 - 928 MHz E | Band, ASK, Mid C | h., 915.250 MHz | | |
|--|-----------------|------------------|-----------------|-------|--------|
| | | | | Limit | |
| | | | Value | (<) | Result |
| | | | 62.169 mW | 1 W | Pass |

