

FCC 47 CFR PART 15 SUBPART C INDUSTRY CANADA RSS-210 ISSUE 8

CERTIFICATION TEST REPORT

FOR

WIRELESS CHARGER

MODEL NUMBER: CDW1

REPORT NUMBER: 15U21747-E2V1

FCC ID: 2AB8ZND9 IC: 1000X-ND9

ISSUE DATE: SEPTEMER 09, 2015

Prepared for

INTEL CORPORATION 2200 MISSION COLLEGE BOULEVARD SANTA CLARA, CA 95052, U.S.A.

Prepared by

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Revision History

| _ | Issue | 5 | |
|------|------------|---------------|------------|
| Rev. | Date | Revisions | Revised By |
| V1 | 09/09/2015 | Initial Issue | E. Rincand |

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: INTEL CORPORATION

2200 MISSION COLLEGE BOULEVARD

SANTA CLARA, CA 95052, U.S.A

EUT DESCRIPTION: WIRELESS CHARGER

MODEL: CDW1

SERIAL NUMBER: WO1702FZ524002T

DATE TESTED: AUGUST 27 TO SEPTEMBER 08, 2015

APPLICABLE STANDARDS

STANDARD TEST RESULTS

FCC PART 15 SUBPART C Pass
INDUSTRY CANADA RSS-210 Issue 8 Pass

INDUSTRY CANADA RSS-GEN Issue 4 Pass

UL Verification Services Inc. tested the above equipment in accordance with the requiremments set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For

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Tested By:

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UL VERIFICATION SERVICES INC

/ Nowhonguym

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013, FCC CFR 47 Part 2, FCC CFR 47 Part 15, RSS-GEN Issue 4, and RSS-210 Issue 8.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

| 47173 Benicia Street | 47266 Benicia Street |
|----------------------|----------------------|
| ☐ Chamber A | ☐ Chamber D |
| ☐ Chamber B | ☐ Chamber E |
| ☐ Chamber C | ☐ Chamber F |
| | |
| | ☐ Chamber H |

The above test sites and facilities are covered under FCC Test Firm Registration # 208313. Chambers A through H are covered under Industry Canada company address code 2324B with site numbers 2324B -1 through 2324B-8, respectively

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at http://ts.nist.gov/standards/scopes/2000650.htm.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB) 36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| PARAMETER | UNCERTAINTY |
|---------------------------------------|-------------|
| Conducted Disturbance, 0.15 to 30 MHz | ± 3.52 dB |
| Radiated Disturbance, 30 to 1000 MHz | ± 4.94 dB |

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a wireless charger intended to charge wearable devices.

5.2. MAXIMUM OUTPUT POWER

The transmitter has maximum peak radiated electric field strength at 300m distance as follows:

| Fundamental Frequency | Mode | E field (300m distance) |
|-----------------------|----------|-------------------------|
| (KHz) | | (dBuV/m) |
| 153 | Charging | -6.04 |

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an internal loop antenna (Circular Coil)

5.4. SOFTWARE AND FIRMWARE

The firmware installed in the EUT during testing was DVT Eng. Build.

5.5. WORST-CASE CONFIGURATION AND MODE

For radiated emission, EUT was tested with metal watch; and AC power line conducted emissions was investigated with the following worst case configurations.

| Configuration | Mode | Descriptions |
|---------------|----------|--|
| 1 | Charging | EUT with metal watch, powered by USB power adapter |
| 2 | Charging | EUT with metal watch, powered by laptop |

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

| Support Equipment List | | | | | | |
|---|--------|------|-----------------|------|--|--|
| Description Manufacturer Model Serial Number FCC ID | | | | | | |
| Metal Watch | Intel | N/A | GTED01FZ5280041 | None | | |
| Laptop | Lenovo | T420 | 4236B92 | None | | |

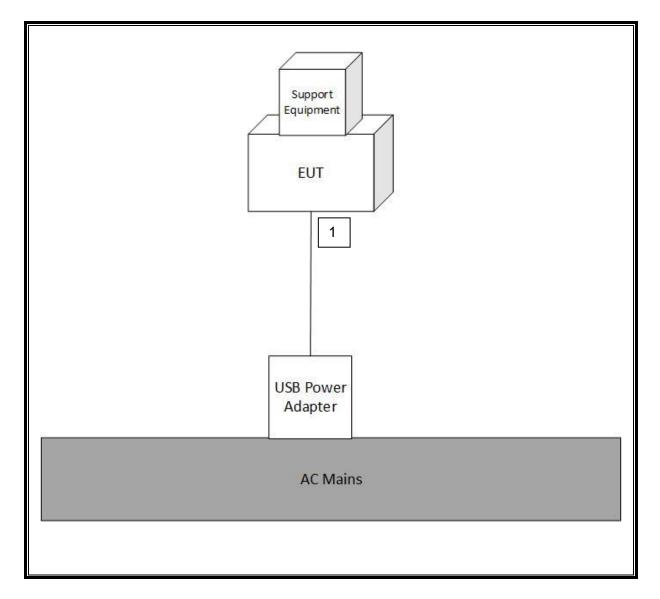
I/O CABLES

| | I/O Cable List | | | | | | |
|-------------|----------------|----------------------|-------------------|------------|---------------------|---------|--|
| Cable No | Port | # of identical ports | Connector Type | Cable Type | Cable Length (m) | Remarks | |
| 1 | USB | 1 | USB | Shielded | 1 | N/A | |

TEST SETUP

The EUT was powered by USB power Adapter and watch is in charging mode.

SETUP DIAGRAM FOR TESTS



6. TEST AND MEASUREMENT EQUIPMENT

Radiated Emissions

| Test Equipment List | | | | | | |
|--|----------------|--------|---------------------|------------------|------------|--|
| Description | Manufacturer | Model | Local ID (T No.) | Cal Date | Cal Due | |
| Spectrum Analyzer, PXA, 3Hz to 44GHz | Agilent | N9030A | 905 | 05/26/201 | 05/26/2016 | |
| Antenna, Broadband Hybrid, 30MHz to 2000MHz | Sunol Sciences | JB3 | 899 | 04/30/2015 | 04/30/2016 | |
| Amplifier, 10KHz to 1GHz, 32dB | Sonoma | 310N | 834 | 06/08/2015 | 06/08/2016 | |
| Antenna, Active Loop 9KHz to 30MHz | EMCO | 6502 | 35 | 05/15/2015 | 05/15/2016 | |
| Thermometer | Extech | 445703 | 1007 | 9/18/2014 | 9/18/2015 | |
| Radiated Software | UL | UL EMC | Ver | 9.5, June 24, 20 |)15 | |

Line Conducted Emissions

| Test Equipment List | | | | | | | |
|------------------------------------|--------------------|-------------|------------------------|-----------------|------------|--|--|
| Description | Manufacturer | Model | Local ID (T No.) | Cal Date | Cal Due | | |
| EMI Test Receiver, 9KHz to 7GHz | Rohde & Schwarz | ESCI 7 | 284 | 09/16/2014 | 09/16/2015 | | |
| LISN | FCC | 50/250-25-2 | 24 | 01/16/2015 | 01/16/2016 | | |
| Thermometer | Cole-Palmer | 99760-00 | 437 | 04/08/2015 | 04/08/2016 | | |
| Conducted Software | UL | UL EMC | Ve | er 9.5, May 26, | 2015 | | |

7. OCCUPIED BANDWIDTH

7.1. 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

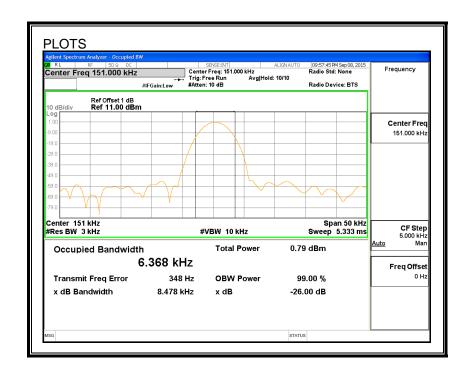
TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The RBW is set to \geq 1% of the emission bandwidth. The VBW is set to \geq RBW. The sweep time is coupled.

RESULTS

| Frequency | 99% Bandwidth |
|-----------|---------------|
| (KHz) | (KHz) |
| 151 | 6.368 |

99% BANDWIDTH



8. RADIATED EMISSION TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.209 (a) IC RSS-GEN, Section 8.9 & 8.10 (Transmitter)

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (m) | | | | |
|---------------------------|--|--------------------------|--|--|--|--|
| 0.009-0.490 | 2400/F(kHz) | 300 | | | | |
| 0.490-1.705 | 24000/F(kHz) | 30 | | | | |
| 1.705–30.0 | 30 | 30 | | | | |
| 30–88 | 100 | 3 | | | | |
| 88 to 216 | 150 | 3 | | | | |
| 216 to 960 | 200 | 3 | | | | |
| Above 960 MHz | 500 | 3 | | | | |
| Note: The lower limit sha | Note: The lower limit shall apply at the transition frequency. | | | | | |

RESULTS

8.1.1. FUNDAMENTAL FROM 0.15 TO 30 MHz

3

FCC Part 15, Subpart B & C

Measurement Distance (m):

Company: Intel Project #: 145U21747

EUT configuration #: EUT with Metal and AC Charger

Mode of operation: Charging Tester: Thanh Nguyen Date: 8/27/15

| Frequency | PK | QP | AV | AF | Distance | Distance | PK Corrected | AV Corrected | PK Limit | AV Limit | PK Margin | AV Margin | Notes |
|-------------|-----------|---------|--------|-------|----------|-----------------|------------------|------------------|----------|----------|-----------|-----------|-------|
| (MHz) | (dBu/V) | (dBu/V) | (dBuV) | dB/m | (m) | Correction (dB) | Reading (dBuV/m) | Reading (dBuV/m) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | |
| | | | | | | | | | | | | | |
| Loop Antenn | a Face On | | | | | | | | | | | | |
| 0.153025 | 63.5 | | 60.22 | 10.46 | 3 | -80.00 | -6.04 | -9.32 | 43.91 | 23.91 | -49.9 | -33.2 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

 Loop Antenna Face Off:

 0.153025
 53.8
 50.5
 10.46
 3
 -80.00
 -15.74
 -19.04
 43.91
 23.91
 -59.6
 -42.9

* No more emissions were found up to 30MHz

Note: The emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 10000Mhz. Radiated emission limits in these three bands are based on measurements employing an average detector.

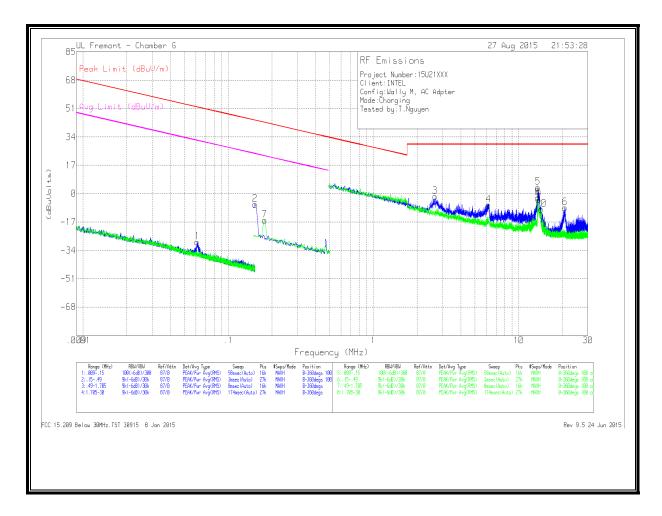
P.K. = Peak

Q.P. = Quasi Peak Readings Below 150kHz => RBW=VBW=200 or 300Hz

A.F. = Antenna factor Above 150kHz =>RBW=VBW=9 or 10kHz (Average => VBW=10Hz)

Rev. 010715

8.1.2. TX SPURIOUS EMISSIONS 0.15 TO 30 MHz

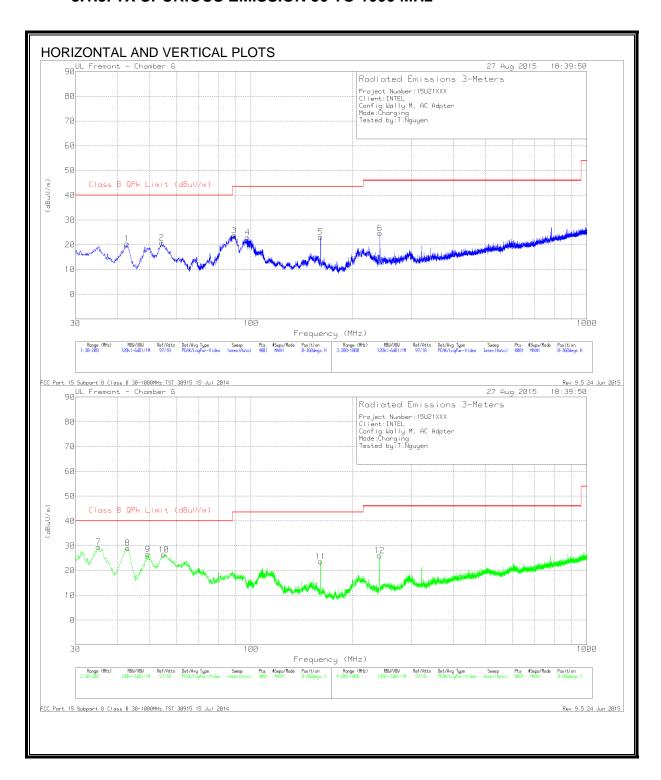


DATA SUMMARY

| Marker | Frequency (MHz) | Meter Reading | Det | Loop Antenna | Cbl (dB) | Dist Corr 30m | Corrected Reading | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|--------------------|------------------|-----|-----------------|----------|------------------|----------------------|------------------------|----------------|-----------------------|----------------|-------------------|
| | () | (dBuV) | | (dB/m) | | | (dBuVolts) | (====,, | () | (====,, | (/ | (= -8-7 |
| 1 | .06097 | 38.72 | Pk | 12.1 | .1 | -80 | -29.08 | 51.9 | -80.98 | - | - | 0-360 |
| 2 | .15318 | 62.77 | Pk | 10.7 | .1 | -80 | -6.43 | 43.9 | -50.33 | - | - | 0-360 |
| 3 | 2.66287 | 27.66 | Pk | 10.4 | .3 | -40 | -1.64 | 29.54 | -31.18 | - | - | 0-360 |
| 4 | 6.21297 | 22.32 | Pk | 10.5 | .4 | -40 | -6.78 | 29.54 | -36.32 | - | - | 0-360 |
| 7 | .17807 | 53.47 | Pk | 10.6 | .1 | -80 | -15.83 | 42.59 | -58.42 | - | - | 0-360 |
| 8 | 13.52487 | 26.38 | Pk | 10.4 | .6 | -40 | -2.62 | 29.54 | -32.16 | - | - | 0-360 |
| 5 | 13.59666 | 32.79 | Pk | 10.4 | .6 | -40 | 3.79 | 29.54 | -25.75 | - | - | 0-360 |
| 9 | 13.75071 | 25.3 | Pk | 10.3 | .6 | -40 | -3.8 | 29.54 | -33.34 | - | - | 0-360 |
| 10 | 14.31139 | 19.7 | Pk | 10.3 | .6 | -40 | -9.4 | 29.54 | -38.94 | - | - | 0-360 |
| 6 | 20.8855 | 21.2 | Pk | 9.6 | .8 | -40 | -8.4 | 29.54 | -37.94 | - | - | 0-360 |

Pk - Peak detector

8.1.3. TX SPURIOUS EMISSION 30 TO 1000 MHz



DATE: SEPTEMBER 09, 2015

IC: 1000X-ND9

DATA SUMMARY

| Marker | Frequency | Meter | Det | AF T899 | Amp Cbl (dB) | Corrected | Class B QPk | Margin | Azimuth | Height | Polarity |
|--------|-----------|---------|-----|---------|--------------|-----------|-------------|--------|---------|--------|----------|
| | (MHz) | Reading | | (dB/m) | | Reading | Limit | (dB) | (Degs) | (cm) | |
| | | (dBuV) | | | | (dBuV/m) | (dBuV/m) | | | | |
| 7 | 35.1213 | 42.6 | Pk | 18.1 | -31.2 | 29.5 | 40 | -10.5 | 0-360 | 100 | V |
| 1 | 42.7925 | 39.37 | Pk | 12.3 | -31.2 | 20.47 | 40 | -19.53 | 0-360 | 301 | Н |
| 8 | 42.9625 | 48.21 | Pk | 12.1 | -31.2 | 29.11 | 40 | -10.89 | 0-360 | 100 | V |
| 9 | 49.295 | 49.71 | Pk | 7.9 | -31 | 26.61 | 40 | -13.39 | 0-360 | 100 | V |
| 2 | 54.1825 | 44.69 | Pk | 7.2 | -31 | 20.89 | 40 | -19.11 | 0-360 | 401 | Н |
| 10 | 55.075 | 50.02 | Pk | 7.3 | -30.9 | 26.42 | 40 | -13.58 | 0-360 | 100 | V |
| 3 | 89.075 | 46.66 | Pk | 7.7 | -30.6 | 23.76 | 43.52 | -19.76 | 0-360 | 201 | Н |
| 4 | 97.66 | 43.96 | Pk | 9.6 | -30.5 | 23.06 | 43.52 | -20.46 | 0-360 | 301 | Н |
| 5 | 161.2825 | 41.09 | Pk | 12.1 | -30 | 23.19 | 43.52 | -20.33 | 0-360 | 301 | Н |
| 11 | 161.2825 | 41.5 | Pk | 12.1 | -30 | 23.6 | 43.52 | -19.92 | 0-360 | 100 | V |
| 12 | 241.7 | 44.2 | Pk | 11.2 | -29.3 | 26.1 | 46.02 | -19.92 | 0-360 | 100 | V |
| 6 | 241.9 | 42.77 | Pk | 11.2 | -29.3 | 24.67 | 46.02 | -21.35 | 0-360 | 100 | Н |

Pk - Peak detector

9. AC MAINS LINE CONDUCTED EMISSIONS

LIMITS

§15.207 (a) IC RSS-GEN, Section 8.8

| Frequency of emission | Conducted Limit (dBµV) | | | | | | | |
|--|------------------------|-----------|--|--|--|--|--|--|
| (MHz) | Quasi-peak | Average | | | | | | |
| 0.15 to 0.50 | 66 to 56* | 56 to 46* | | | | | | |
| 0.50 to 5 | 56 | 46 | | | | | | |
| 5 to 30 | 60 | 50 | | | | | | |
| * Decreases with the logarithm of the frequency. | | | | | | | | |

TEST PROCEDURE

ANSI C63.10:2013

RESULTS

9.1. RESULTS – EUT WITH USB POWER ADAPTER

WORST CONDUCTED EMISSIONS - 120 V, 60 Hz

Line-L1 .15 - 30MHz

| Frequency | Meter | Det | T24 IL L1 | LC Cables | Corrected | CFR 47 Part | Margin | CFR 47 Part | Margin |
|-----------|---------|-----|-----------|-----------|-----------|---------------|--------|-------------|--------|
| (MHz) | Reading | | | 1&3 | Reading | 15 Class B QP | (dB) | 15 Class B | (dB) |
| | (dBuV) | | | | dBuV | | | Avg | |
| .15 | 27.42 | Qp | 1.4 | 0 | 28.82 | 66 | -37.18 | - | - |
| .15 | 21.23 | Ca | 1.4 | 0 | 22.63 | - | - | 56 | -33.37 |
| .15 | 27.43 | Qp | 1.4 | 0 | 28.83 | 66 | -37.17 | - | - |
| .15 | 21.17 | Ca | 1.4 | 0 | 22.57 | - | - | 56 | -33.43 |
| .17813 | 27.65 | Qp | 1.1 | 0 | 28.75 | 64.57 | -35.82 | - | - |
| .17813 | 17.61 | Ca | 1.1 | 0 | 18.71 | - | - | 54.57 | -35.86 |
| .53363 | 40.69 | Qp | .3 | 0 | 40.99 | 56 | -15.01 | - | - |
| .53363 | 34.21 | Ca | .3 | 0 | 34.51 | - | - | 46 | -11.49 |
| 1.57538 | 29.14 | Qp | .2 | .1 | 29.44 | 56 | -26.56 | - | - |
| 1.57538 | 22.16 | Ca | .2 | .1 | 22.46 | - | - | 46 | -23.54 |
| 2.73413 | 29.16 | Qp | .2 | .1 | 29.46 | 56 | -26.54 | - | - |
| 2.73413 | 21.49 | Ca | .2 | .1 | 21.79 | - | - | 46 | -24.21 |
| 3.96668 | 27.6 | Qp | .2 | .1 | 27.9 | 56 | -28.1 | - | - |
| 3.96668 | 19.58 | Ca | .2 | .1 | 19.88 | - | - | 46 | -26.12 |

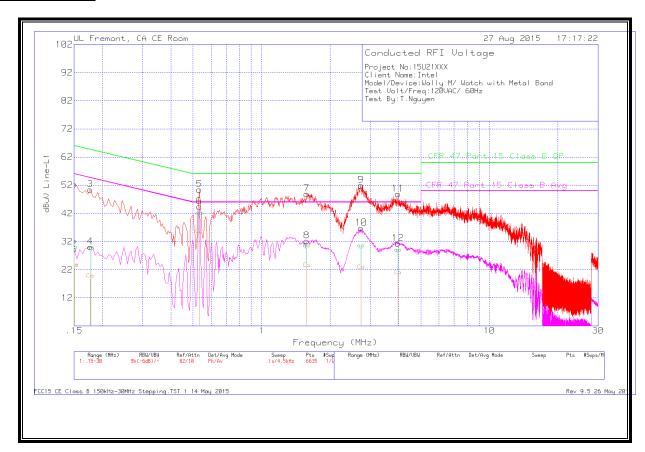
Line-L2 .15 - 30MHz

| Frequency | Meter | Det | T24 IL L2 | LC Cables | Corrected | CFR 47 Part | Margin | CFR 47 Part | Margin |
|-----------|---------|-----|-----------|-----------|-----------|---------------|--------|-------------|--------|
| (MHz) | Reading | | | 2&3 | Reading | 15 Class B QP | (dB) | 15 Class B | (dB) |
| | (dBuV) | | | | dBuV | | | Avg | |
| .53363 | 34.57 | Qp | .3 | 0 | 34.87 | 56 | -21.13 | - | - |
| .53363 | 28.32 | Ca | .3 | 0 | 28.62 | - | - | 46 | -17.38 |
| .54668 | 35.44 | Qp | .3 | 0 | 35.74 | 56 | -20.26 | - | - |
| .54668 | 29.26 | Ca | .3 | 0 | 29.56 | - | - | 46 | -16.44 |
| .58088 | 28.4 | Qp | .3 | 0 | 28.7 | 56 | -27.3 | - | - |
| .58088 | 21.47 | Ca | .3 | 0 | 21.77 | - | - | 46 | -24.23 |
| .82928 | 24.07 | Qp | .3 | 0 | 24.37 | 56 | -31.63 | - | - |
| .82928 | 15.96 | Ca | .3 | 0 | 16.26 | - | - | 46 | -29.74 |
| 1.79813 | 35.61 | Qp | .2 | .1 | 35.91 | 56 | -20.09 | - | - |
| 1.79813 | 27.88 | Ca | .2 | .1 | 28.18 | - | - | 46 | -17.82 |
| 1.80218 | 35.44 | Qp | .2 | .1 | 35.74 | 56 | -20.26 | - | - |
| 1.80218 | 27.55 | Ca | .2 | .1 | 27.85 | - | - | 46 | -18.15 |
| 2.53028 | 36.72 | Qp | .2 | .1 | 37.02 | 56 | -18.98 | - | - |
| 2.53028 | 30.14 | Ca | .2 | .1 | 30.44 | - | - | 46 | -15.56 |

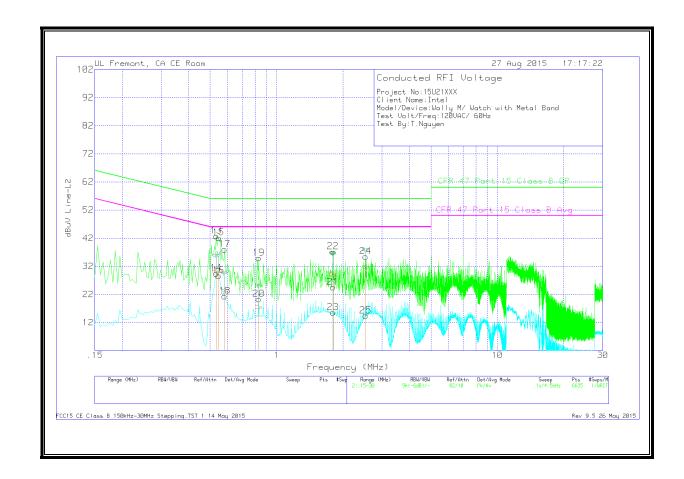
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.2. RESULTS – EUT WITH LAPTOP

WORST CONDUCTED EMISSIONS - 120 V, 60 Hz

Line-L1 .15 - 30MHz

| Marker | Frequency | Meter | Det | T24 IL L1 | LC Cables | Corrected | CISPR 22 | Margin | CISPR 22 | Margin |
|--------|-----------|---------|-----|-----------|-----------|-----------|------------|--------|----------|--------|
| | (MHz) | Reading | | | 1&3 | Reading | Class B QP | (dB) | Class B | (dB) |
| | | (dBuV) | | | | dBuV | | | Avg | |
| 1 | .159 | 49.17 | Pk | 1.3 | 0 | 50.47 | 65.52 | -15.05 | - | - |
| 2 | .159 | 30.28 | Av | 1.3 | 0 | 31.58 | - | - | 55.52 | -23.94 |
| 3 | .1815 | 47.86 | Pk | 1.1 | 0 | 48.96 | 64.42 | -15.46 | - | - |
| 4 | .1815 | 27.57 | Av | 1.1 | 0 | 28.67 | - | - | 54.42 | -25.75 |
| 5 | .4785 | 43.53 | Pk | .4 | 0 | 43.93 | 56.37 | -12.44 | - | - |
| 6 | .4785 | 23.14 | Av | .4 | 0 | 23.54 | - | - | 46.37 | -22.83 |
| 7 | .5235 | 43.87 | Pk | .3 | 0 | 44.17 | 56 | -11.83 | - | - |
| 8 | .5235 | 27.51 | Av | .3 | 0 | 27.81 | - | - | 46 | -18.19 |
| 9 | .771 | 42.9 | Pk | .3 | 0 | 43.2 | 56 | -12.8 | - | - |
| 10 | .771 | 19.18 | Av | .3 | 0 | 19.48 | - | - | 46 | -26.52 |
| 11 | 23.856 | 41.95 | Pk | .3 | .2 | 42.45 | 60 | -17.55 | - | - |
| 12 | 23.8425 | 30.2 | Av | .3 | .2 | 30.7 | - | - | 50 | -19.3 |

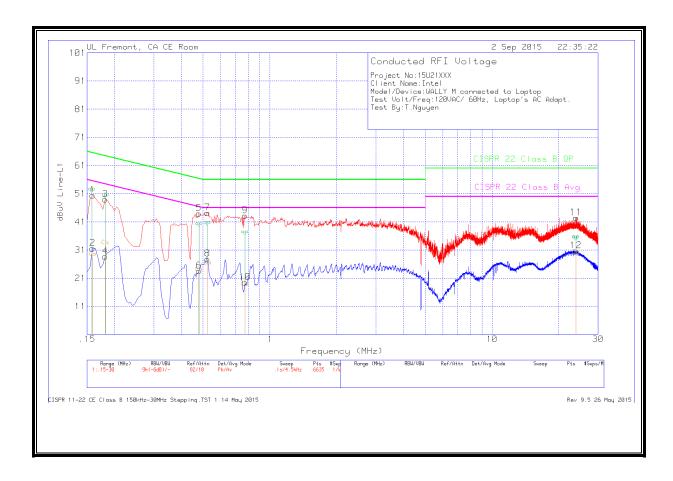
Line-L2 .15 - 30MHz

| Marker | Frequency | Meter | Det | T24 IL L2 | LC Cables | Corrected | CISPR 22 | Margin | CISPR 22 | Margin |
|--------|-----------|---------|-----|-----------|-----------|-----------|------------|--------|----------|--------|
| | (MHz) | Reading | | | 2&3 | Reading | Class B QP | (dB) | Class B | (dB) |
| | | (dBuV) | | | | dBuV | | | Avg | |
| 13 | .15 | 52.79 | Pk | 1.5 | 0 | 54.29 | 66 | -11.71 | - | - |
| 14 | .15 | 29.67 | Av | 1.5 | 0 | 31.17 | - | - | 56 | -24.83 |
| 15 | .1815 | 48.27 | Pk | 1.2 | 0 | 49.47 | 64.42 | -14.95 | - | - |
| 16 | .1815 | 28.14 | Av | 1.2 | 0 | 29.34 | - | - | 54.42 | -25.08 |
| 17 | .1905 | 46.65 | Pk | 1.1 | 0 | 47.75 | 64.01 | -16.26 | - | - |
| 18 | .1905 | 28.98 | Av | 1.1 | 0 | 30.08 | - | - | 54.01 | -23.93 |
| 19 | .492 | 40.8 | Pk | .4 | 0 | 41.2 | 56.13 | -14.93 | - | - |
| 20 | .492 | 22.6 | Av | .4 | 0 | 23 | - | - | 46.13 | -23.13 |
| 21 | .5235 | 40.04 | Pk | .4 | 0 | 40.44 | 56 | -15.56 | - | - |
| 22 | .5235 | 22.03 | Av | .4 | 0 | 22.43 | - | - | 46 | -23.57 |
| 23 | 3.156 | 38.45 | Pk | .2 | .1 | 38.75 | 56 | -17.25 | - | - |
| 24 | 3.156 | 19.14 | Av | .2 | .1 | 19.44 | - | - | 46 | -26.56 |
| 25 | 8.952 | 39.94 | Pk | .2 | .1 | 40.24 | 60 | -19.76 | - | - |
| 26 | 8.952 | 23.32 | Av | .2 | .1 | 23.62 | - | - | 50 | -26.38 |

Pk - Peak detector

Av - Average detection

LINE 1 RESULTS



LINE 2 RESULTS

