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Test Report

Product Name: IQ Pager (Receiver)

FCCID: WDC-IQ2008

Model No.: IQ2008L

Applicant: HME Wireless, Inc.

1400 Northbrook Parkway, Suite 320, Suwanee City, GA, 30024, U.S.A

Date Receipt : 12/20/2008

Date Tested : 12/30/2008

Date Issued: 12/30/2008

APPLICANT: HME Wireless, Inc.

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APPLICANT: HME Wireless, Inc.

FCCID: WDC-IQ2008

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APPLICANT: HME Wireless, Inc.

THRU Lab & Engineering.
477-6, Hager-Ri, Yoju-Up, Yoju-Gun
Kyunggi-Do,469-803, Korea T82-31-883-5092/F82-31-883-5169 email thrukang@paran.com

EMC Equipment List

| No | Description | Manufacturer | Model No. | Serial No. | Due Cal. | Used |
|----|---------------------------|-----------------|-------------------------------|------------|------------|-------------|
| 1 | Test Receiver | Rohde & Schwarz | ESHS 10 | 862970/018 | 2009.05.13 | \boxtimes |
| 2 | Test Receiver | Rohde & Schwarz | ESVS 10 | 826008/014 | 2009.06.20 | \boxtimes |
| 3 | Spectrum Analyzer | Hewlett Packard | 8566B | 2311A02394 | 2009.06.10 | \boxtimes |
| 4 | Spectrum Analyzer | Advantest Corp. | R3261C | 61720208 | 2009.06.10 | |
| | Spectrum Analyzer | Advantest Corp. | R3273 | 101003536 | 2009.09.05 | |
| 5 | Modulation Analyzer | Hewlett Packard | 8901B | 3438A05094 | 2009.05.29 | |
| 6 | Audio analyzer | Hewlett Packard | 8903B | 3011A12915 | 2009.05.29 | |
| 7 | Preamplifer | Hewlett Packard | 8447F | 2805A02570 | 2009.05.26 | |
| 8 | Preamplifer | A.H. Systems | PAM-0118 | 164 | 2009.04.27 | |
| 9 | Signal Generator | Hewlett Packard | Hewlett Packard 8673D 2708A00 | | 2009.06.10 | |
| 10 | Power Meter | Hewlett Packard | 437B | 312U24787 | 2009.04.29 | |
| 11 | Power Sensor | Hewlett Packard | 8482B | 3318A06943 | 2009.06.29 | |
| 12 | Loop Antenna | Rohde & Schwarz | HFH2-Z2.335.4711.52 | 826532/006 | 2009.01.31 | |
| 13 | Dipole Antenna | Rohde & Schwarz | VHAP | 574 | 2010.07.07 | |
| 14 | Dipole Antenna | Rohde & Schwarz | VHAP | 575 | 2010.07.17 | |
| 15 | Dipole Antenna | Rohde & Schwarz | UHAP | 546 | 2010.07.07 | |
| 16 | Dipole Antenna | Rohde & Schwarz | UHAP | 547 | 2010.07.07 | |
| 17 | Biconical Antenna | Eaton Corp. | 94455-1 | 0977 | 2010.07.03 | |
| 18 | Biconical Antenna | EMCO | 3104C | 9111-2468 | 2010.07.03 | \boxtimes |
| 19 | Log Periodic Antenna EMCO | | 3146 | 2051 | 2010.06.05 | \boxtimes |
| 20 | Log Periodic Antenna EMCO | | 3146 8901-2320 | | 2010.07.03 | |
| 21 | Horn Antenna | A.H. Systems | SAS-571 | 414 | 2009.03.17 | |
| 22 | LISN | EMCO | 3810/1 | 2228 | 2009.10.29 | \boxtimes |
| 23 | LISN | Kyoritsu | KNW-242 | 8-923-2 | 2009.05.23 | |

APPLICANT: HME Wireless, Inc.

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| 24 | Waveform Generator Hewlett Packard | | 33120A | US34001190 | 2009.05.29 | |
|----|------------------------------------|------------------|----------|------------|------------|--|
| 25 | Digital Oscilloscope | Tektronix | TDS 340A | B012287 | 2009.06.10 | |
| 26 | Dummy Load | Bird Electronics | 8251 | 11511 | 2009.02.02 | |

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TEST PROCEDURE

GENERAL: This report shall NOT be reproduced except in full without the written approval of Thru lab & Engineering. Shielded interface cables were used in all cases except for cables connecting to the telephone line and the power cords. A test program was run which filled the screen with H's and also with the modem dialing out. Peripherals were turned on and operating.

RADIATION INTERFERENCE: The test procedure used was ANSI STANDARD C63.4-2003 using a Rohde & Schwarz EMI Test Receiver ESVS10. The bandwidth of the test receiver was 120 kHz with an appropriate sweep speed. The test receiver was calibrated in dB above a microvolt at the output of the antenna. The resolution bandwidth was 120 kHz. The ambient temperature of the UUT was 24°C with a humidity of 62%.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the test receiver (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz) METER READING + ACF = FS

33 20 dBuV + 10.36 dB = 30.36 dBuV/m @ 3m

ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES: The UUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The UUT was placed in a manner that was representative of the way the EUT would be used. If the EUT had any peripherals, they were attached and placed in a similar manner. The table used for radiated measurements is capable of continuous rotation.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes. In addition, in the event of the test being for a computer set up, the modem and printer positions were swapped and cables were manipulated as much as possible. The monitor was not moved, as that would not represent a typical situation configuration.

The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSIC63.4-2003 with the EUT 40 cm from the vertical ground wall.

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APPLICANT: HME Wireless, Inc.

FCCID: WDC-IQ2008

NAME OF TEST: RADIATION INTERFERENCE

RULES PART NUMBER: 15.109,15.33(b)(3)

REQUIREMENTS: 30 to 88 MHz: 40.0 dBuV/M @ 3 METERS

88 to 216 MHz: 43.5 dBuV/M 216 to 960 MHz: 46.0 dBuV/M ABOVE 960 MHz: 54.0 dBuV/M

TEST RESULTS: A search was made of the spectrum from 30 to 1000 MHz and the measurements indicate that the unit DOES meet the FCC requirements.

TEST DATA:

* Tuning Frequency: 450.0000MHz

| No | Emission Frequency (MHz) | Meter Reading dBuV/m | Ant. Polaritry | Correction Factor dB | Cable Loss dB | Field Strength (dBuv/m) | Margin (dBuv) | Limit (dBuv/m) |
|----|--------------------------------|----------------------------|-------------------|----------------------------|---------------------|-------------------------------|------------------|----------------|
| 1 | 40.59 | 16.5 | v | 12.7 | 0.8 | 30.0 | -10.0 | 40.0 |
| 2 | 77.71 | 12.4 | v | 7.5 | 1.3 | 21.2 | -18.8 | 40.0 |
| 3 | 130.00 | 6.5 | н | 12.7 | 1.9 | 21.1 | -22.4 | 43.5 |
| 4 | 226.60 | 5.7 | v | 10.8 | 2.8 | 19.4 | -26.6 | 46.0 |
| 5 | 285.50 | 7.9 | Н | 17.6 | 3.3 | 28.8 | -17.2 | 46.0 |
| 6 | 368.30 | 7.2 | Н | 14.9 | 4.0 | 26.1 | -19.9 | 46.0 |
| 7 | 385.30 | 7.4 | v | 15.2 | 4.1 | 26.7 | -19.3 | 46.0 |
| 8 | 405.80 | 7.3 | v | 15.5 | 4.3 | 27.1 | -18.9 | 46.0 |
| 9 | 480.80 | 8.6 | Н | 19.0 | 4.8 | 32.4 | -13.6 | 46.0 |
| 10 | 514.30 | 6.3 | Н | 17.9 | 5.0 | 29.2 | -16.8 | 46.0 |
| 11 | 884.10 | 4.5 | v | 23.6 | 7.2 | 35.3 | -10.7 | 46.0 |
| 12 | 930.10 | 5.9 | v | 23.1 | 7.4 | 36.4 | -9.6 | 46.0 |

SAMPLE CALCULATION: FSdBuV/m = MR(dBuV) + ACFdB.

TEST PROCEDURE: ANSI STANDARD C63.4-2003 using a Rohde & Schwarz EMI Test Receiver ESVS10, and an appropriate antenna – see the test equipment list. The bandwidth of test receiver was 120 kHz with an appropriate sweep speed. When an emission was found, the table was rotated to produce the maximum signal strength. The antenna was placed in both the horizontal and vertical planes and the worse case emissions were reported.

PERFORMED BY: Kyoung Moon Choi DATE: 12/30/2008

APPLICANT: HME Wireless, Inc.

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APPLICANT: HME Wireless, Inc.

FCCID: WDC-IQ2008

NAME OF TEST: RADIATION INTERFERENCE

RULES PART NUMBER: 15.109,15.33(b)(3)

REQUIREMENTS: 30 to 88 MHz: 40.0 dBuV/M @ 3 METERS

88 to 216 MHz: 43.5 dBuV/M 216 to 960 MHz: 46.0 dBuV/M ABOVE 960 MHz: 54.0 dBuV/M

TEST RESULTS: A search was made of the spectrum from 30 to 1000 MHz and the measurements indicate that the unit DOES meet the FCC requirements.

TEST DATA:

* Tuning Frequency: 457.5750MHz

| No | Emission Frequency (MHz) | Meter Reading dBuV/m | Ant. Polaritry | Correction Factor dB | Cable Loss dB | Field Strength (dBuv/m) | Margin (dBuv) | Limit (dBuv/m) |
|----|--------------------------------|----------------------------|-------------------|----------------------------|---------------------|-------------------------------|------------------|----------------|
| 1 | 40.15 | 18.2 | Н | 12.8 | 0.8 | 31.8 | -8.2 | 40.0 |
| 2 | 140.80 | 5.2 | н | 15.2 | 2.0 | 22.4 | -21.1 | 43.5 |
| 3 | 162.50 | 5.3 | v | 16.9 | 2.2 | 24.4 | -19.1 | 43.5 |
| 4 | 194.00 | 6.9 | v | 14.6 | 2.5 | 24.0 | -19.5 | 43.5 |
| 5 | 240.50 | 6.0 | v | 11.4 | 3.0 | 20.4 | -25.6 | 46.0 |
| 6 | 313.00 | 7.4 | Н | 15.8 | 3.5 | 26.7 | -19.3 | 46.0 |
| 7 | 354.00 | 7.2 | н | 14.8 | 3.9 | 25.9 | -20.1 | 46.0 |
| 8 | 378.30 | 7.8 | v | 15.0 | 4.0 | 26.9 | -19.1 | 46.0 |
| 9 | 421.50 | 7.0 | н | 15.7 | 4.4 | 27.1 | -18.9 | 46.0 |
| 10 | 482.00 | 6.8 | v | 19.0 | 4.8 | 30.6 | -15.4 | 46.0 |
| 11 | 880.50 | 7.5 | Н | 23.6 | 7.2 | 38.3 | -7.7 | 46.0 |
| 12 | 938.20 | 6.0 | Н | 23.1 | 7.4 | 36.5 | -9.5 | 46.0 |

SAMPLE CALCULATION: FSdBuV/m = MR(dBuV) + ACFdB.

TEST PROCEDURE: ANSI STANDARD C63.4-2003 using a Rohde & Schwarz EMI Test Receiver ESVS10, and an appropriate antenna – see the test equipment list. The bandwidth of test receiver was 120 kHz with an appropriate sweep speed. When an emission was found, the table was rotated to produce the maximum signal strength. The antenna was placed in both the horizontal and vertical planes and the worse case emissions were reported.

PERFORMED BY: Kyoung Moon Choi DATE: 12/30/2008

APPLICANT: HME Wireless, Inc.

477-6, Hager-Ri, Yoju-Up, Yoju-Gun Kyunggi-Do,469-803, Korea

T82-31-883-5092/F82-31-883-5169 email thrukang@paran.com APPLICANT: HME Wireless, Inc.

FCCID: WDC-IQ2008

NAME OF TEST: RADIATION INTERFERENCE

RULES PART NUMBER: 15.109,15.33(b)(3)

REQUIREMENTS: 30 to 88 MHz: 40.0 dBuV/M @ 3 METERS

88 to 216 MHz: 43.5 dBuV/M 216 to 960 MHz: 46.0 dBuV/M ABOVE 960 MHz: 54.0 dBuV/M

TEST RESULTS: A search was made of the spectrum from 30 to 1000 MHz and the measurements indicate that the unit DOES meet the FCC requirements.

TEST DATA:

* Tuning Frequency: 470.000MHz

| No | Emission Frequency (MHz) | Meter Reading dBuV/m | Ant. Polaritry | Correction Factor dB | Cable Loss dB | Field Strength (dBuv/m) | Margin (dBuv) | Limit (dBuv/m) |
|----|--------------------------------|----------------------------|-------------------|----------------------------|---------------------|-------------------------------|------------------|----------------|
| 1 | 40.33 | 15.4 | Н | 12.7 | 0.8 | 29.0 | -11.0 | 40.0 |
| 2 | 123.50 | 5.0 | v | 11.5 | 1.9 | 18.3 | -21.7 | 40.0 |
| 3 | 131.30 | 5.2 | Н | 13.0 | 1.9 | 20.1 | -23.4 | 43.5 |
| 4 | 170.80 | 5.3 | v | 16.0 | 2.3 | 23.6 | -22.4 | 46.0 |
| 5 | 263.80 | 7.0 | н | 13.4 | 3.2 | 23.6 | -22.4 | 46.0 |
| 6 | 310.00 | 7.5 | v | 15.8 | 3.5 | 26.7 | -19.3 | 46.0 |
| 7 | 395.50 | 7.4 | v | 15.4 | 4.2 | 26.9 | -19.1 | 46.0 |
| 8 | 419.90 | 7.0 | н | 15.7 | 4.3 | 27.0 | -19.0 | 46.0 |
| 9 | 474.80 | 6.6 | v | 19.6 | 4.7 | 31.0 | -15.0 | 46.0 |
| 10 | 480.50 | 8.4 | Н | 19.0 | 4.8 | 32.2 | -13.8 | 46.0 |
| 11 | 875.40 | 5.8 | Н | 23.6 | 7.2 | 36.6 | -9.4 | 46.0 |
| 12 | 928.50 | 6.7 | v | 23.1 | 7.4 | 37.2 | -8.8 | 46.0 |

SAMPLE CALCULATION: FSdBuV/m = MR(dBuV) + ACFdB.

TEST PROCEDURE: ANSI STANDARD C63.4-2003 using a Rohde & Schwarz EMI Test Receiver ESVS10, and an appropriate antenna – see the test equipment list. The bandwidth of test receiver was 120 kHz with an appropriate sweep speed. When an emission was found, the table was rotated to produce the maximum signal strength. The antenna was placed in both the horizontal and vertical planes and the worse case emissions were reported.

PERFORMED BY: Kyoung Moon Choi DATE: 12/30/2008

APPLICANT: HME Wireless, Inc.

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APPLICANT: HME Wireless, Inc.

MODEL #: WDC-IQ2008

NAME OF TEST: POWER LINE CONDUCTED INTERFERENCE

RULES PART NO.: 15.107

REQUIREMENTS: QUASI-PEAK AVERAGE

.15 - 0.5 MHz 66-56 dBuV 56-46 dBuV 0.5 - 5.0 56 46 5.0 - 30. 60 50

TEST PROCEDURE: ANSI STANDARD C63.4-2003. The spectrum was scanned

from .15 to 30 MHz.

TEST DATA:

THE HIGHEST EMISSION READ FOR LINE 1 WAS 51.2dBuV @ 0.150MHz
THE HIGHEST EMISSION READ FOR LINE 2 WAS 42.6dBuV @ 0.150MHz

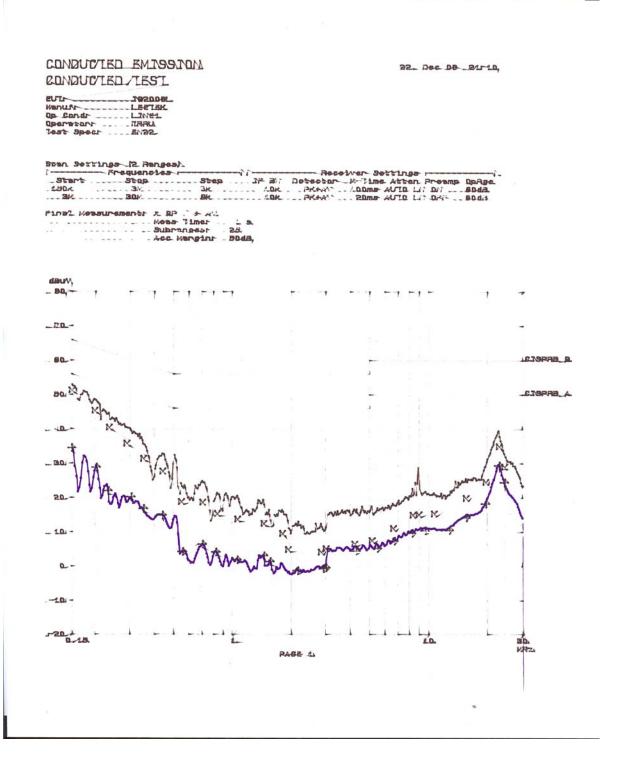
THE GRAPHS ON THE FOLLOWING PAGE REPRESENT THE EMISSIONS TAKEN FOR THIS DEVICE.

TEST RESULTS: Both lines were observed. The measurements indicate that the unit DOES appear to meet the FCC requirements for this class of equipment.

PERFORMED BY: Kyoung Moon Choi DATE: 12/30/2008

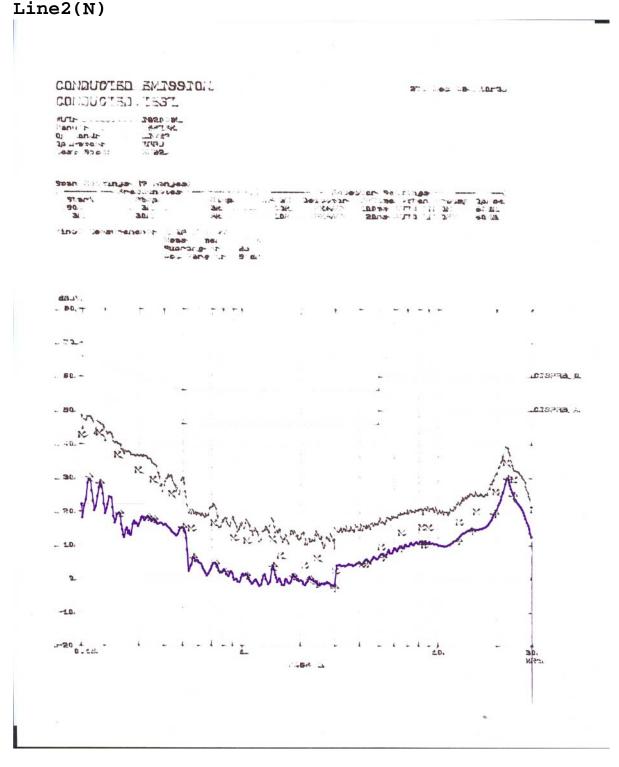
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APPLICANT: HME Wireless, Inc.