Neutron Engineering Inc.=

FCC/IC Radio Test Report

FCC ID: X5B-PL7602B IC: 8814A-PL7602B

This report concerns (check one) : Class II Change

| Issued Date Project No. Equipment | : Jun. 28, 2011 : 1106C144 : Afterglow Remote For Wii |
|---|---|
| Model Name | : PL-7602 |
| Applicant | : Performance Designed Products,LLC |
| Address | : 14144 Ventura Blvd. Suite 200, Sherman Oaks, CA 91423 |
| Manufacture | ·: Performance Designed Products,LLC |
| Address | : 14144 Ventura Blvd. Suite 200, Sherman Oaks, CA 91423 |

Tested by:

Neutron Engineering Inc. EMC Laboratory **Date of Receipt:** Jun. 20, 2011

Date of Test:

Jun. 20, 2011 ~ Jun. 27, 2011

Testing Engineer

Technical Manager

m (n Ares Liu (Leo Hena Panon

(Steven Lu)

Authorized Signatory

Neutron Engineering Inc.

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Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Neutron's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.



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1. CERTIFICATION

| Equipment: | Afterglow Remote For Wii |
|---------------|---|
| Brand Name : | N/A |
| Model Name : | PL-7602 |
| Applicant: | Performance Designed Products,LLC |
| | Performance Designed Products,LLC |
| Address: | 14144 Ventura Blvd. Suite 200, Sherman Oaks, CA 91423 |
| Date of Test: | Jun. 20, 2011 ~ Jun. 27, 2011 |
| Test Item: | ENGINEERING SAMPLE |
| Standards: | FCC Part15, Subpart C(15.247) / ANSI C63.4 : 2003 / Canada RSS-210:2010 |
| | |

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FICP-1-1106C144) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).



2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

| APPLIED STANDARD: 47 CFR Part 15, Subpart C; Canada RSS-210:2010 | | | | | |
|--|-----------------------|-------------------------------------|----------|---------|--|
| Standar | d Section | | | | |
| RSS-210 | 47 CFR Part 15 | Test Item | Judgment | Remark | |
| RSS-GEN 7.2.2 | 15.207 | Conducted Emission | N/A | Note(1) | |
| RSS-210 Annex 8 (A8.1d) | 15.247(d) | Antenna conducted Spurious Emission | PASS | | |
| RSS-210 Annex 8 (A8.1d) | 15.247 (a)(1) | Hopping Channel Separation | PASS | | |
| RSS-210 Annex 8 (A8.1b) | 15.247 (b)(1) | Peak Output Power | PASS | | |
| RSS-210 Annex 8 (A8.1a) | 15.247(d) 15.209 | Radiated Spurious Emission | PASS | | |
| RSS-210 Annex 8 (A8.4(2)) | 15.247 (a)(1)(iii) | Number of Hopping Frequency | PASS | | |
| RSS-210 Annex 8 (A8.5) | 15.247 (a)(1)(iii) | Dwell Time | PASS | | |
| RSS-Gen 7.2.3 | 15.205 | Restricted Bands | PASS | | |
| RSS-210 Annex 8 (A8.5) | 15.203 | Antenna Requirement | PASS | | |

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report



2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C01/DG-CB03** at the location of No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792 Neutron's test firm number for FCC 319330 Neutron's test firm number for IC 4428B-1

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

The reported uncertainty of measurement y \pm U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately 95 % \circ

A. Conducted Measurement :

| Test Site | Method | Measurement Frequency Range | U , (dB) | NOTE |
|-----------|--------|-----------------------------|----------|------|
| DG-C01 | CISPR | 150 KHz ~ 30MHz | 1.94 | |

B. Radiated Measurement :

| Test Site | Method | Measurement Frequency Range | Ant. H / V | U,(dB) | NOTE |
|-----------|--------|--------------------------------|---------------|--------|------|
| | | 30MHz ~ 200MHz | V | 3.82 | |
| DG-CB03 | CISPR | 30MHz ~ 200MHz | Н | 3.60 | |
| DG-CB03 | CISER | 200MHz ~ 1,000MHz | V | 3.86 | |
| | | 200MHz ~ 1,000MHz | Н | 3.94 | |

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

| Equipment | Afterglow Remote For Wii | | | |
|------------------------|---|--------------------|--|--|
| Brand Name | N/A | | | |
| Model Name | PL-7602 | | | |
| OEM Brand/Model Name | N/A | | | |
| Model Difference | N/A | | | |
| | The EUT is a Afterglow | Remote For Wii | | |
| | Operation Frequency: | 2402~2480 MHz | | |
| | Modulation Type: | GFSK(1Mbps) | | |
| | Bit Rate of Transmitter | GF3K(TWDps) | | |
| | Number of Channel | 79 CH | | |
| | Antenna Designation: | Please see Note 3. | | |
| Product Description | Antenna Gain(Peak) | Please see Note 3. | | |
| | Output Power: | 0.19 dBm | | |
| | Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual. | | | |
| Power Source | DC Voltage supplied from battery | | | |
| Power Rating | DC 3.0V | | | |
| Connecting I/O Port(s) | Please refer to the User's Manual | | | |
| Products Covered | Products Covered N/A | | | |
| EUT Modification(s) | N/A | | | |

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

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2.

| Channel List | | | | | |
|--------------|--------------------|---------|--------------------|---------|--------------------|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 00 | 2402 | 27 | 2429 | 54 | 2456 |
| 01 | 2403 | 28 | 2430 | 55 | 2457 |
| 02 | 2404 | 29 | 2431 | 56 | 2458 |
| 03 | 2405 | 30 | 2432 | 57 | 2459 |
| 04 | 2406 | 31 | 2433 | 58 | 2460 |
| 05 | 2407 | 32 | 2434 | 59 | 2461 |
| 06 | 2408 | 33 | 2435 | 60 | 2462 |
| 07 | 2409 | 34 | 2436 | 61 | 2463 |
| 08 | 2410 | 35 | 2437 | 62 | 2464 |
| 09 | 2411 | 36 | 2438 | 63 | 2465 |
| 10 | 2412 | 37 | 2439 | 64 | 2466 |
| 11 | 2413 | 38 | 2440 | 65 | 2467 |
| 12 | 2414 | 39 | 2441 | 66 | 2468 |
| 13 | 2415 | 40 | 2442 | 67 | 2469 |
| 14 | 2416 | 41 | 2443 | 68 | 2470 |
| 15 | 2417 | 42 | 2444 | 69 | 2471 |
| 16 | 2418 | 43 | 2445 | 70 | 2472 |
| 17 | 2419 | 44 | 2446 | 71 | 2473 |
| 18 | 2420 | 45 | 2447 | 72 | 2474 |
| 19 | 2421 | 46 | 2448 | 73 | 2475 |
| 20 | 2422 | 47 | 2449 | 74 | 2476 |
| 21 | 2423 | 48 | 2450 | 75 | 2477 |
| 22 | 2424 | 49 | 2451 | 76 | 2478 |
| 23 | 2425 | 50 | 2452 | 77 | 2479 |
| 24 | 2426 | 51 | 2453 | 78 | 2480 |
| 25 | 2427 | 52 | 2454 | | |
| 26 | 2428 | 53 | 2455 | | |

3.

Table for Filed Antenna

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) | NOTE |
|------|-------|------------|--------------|-----------|------------|------|
| 1 | N/A | N/A | PIFA | N/A | 1.68 | BT |



3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| Pretest Mode | Description | |
|--------------|------------------|--|
| Mode 1 | TX Mode NOTE (1) | |
| Mode 2 | RX Mode NOTE (1) | |

The EUT system operated these modes were found to be the worst case during the pre-scanning test as Following:

| For Conducted Emission | | | |
|------------------------|--|--|--|
| Final Test Mode | Description | | |
| - | "N/A" denotes test is not applicable in this Test Report | | |

| For Radiated Emission | | | |
|-----------------------------|------------------|--|--|
| Final Test Mode Description | | | |
| Mode 1 | TX Mode NOTE (1) | | |
| Mode 2 | RX Mode NOTE (1) | | |

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS

| Test software | Test program: | | | |
|------------------|---|----------|----------|--|
| Version | OEM_HID_WIIFIT_WIIREMOTE_EEPROM_UTILITY_TOD | | | |
| Frequency | 2402 MHz | 2441 MHz | 2480 MHz | |
| Parameters-1Mbps | 0 | 0 | 0 | |



3.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiation:





3.1 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment | Mfr/Brand | Model/Type No. | FCC ID/IC | Series No. | Note |
|------|-----------------------------|-----------|----------------|-------------------------------|------------|------|
| E-1 | Afterglow Remote For Wii | N/A | PL-7602 | X5B-PL7602B/ 8814A-PL7602B | N/A | EUT |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in ^[]Length ^[] column.



4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

| FREQUENCY (MHz) | Class A (dBuV) | | Class B (dBuV) | | Standard | |
|-----------------|----------------|---------|----------------|-----------|----------|--|
| | Quasi-peak | Average | Quasi-peak | Average | Stanuaru | |
| 0.15 -0.5 | 79.00 | 66.00 | 66 - 56 * | 56 - 46 * | CISPR | |
| 0.50 -5.0 | 73.00 | 60.00 | 56.00 | 46.00 | CISPR | |
| 5.0 -30.0 | 73.00 | 60.00 | 60.00 | 50.00 | CISPR | |

| 0.15 -0.5 | 79.00 | 66.00 | 66 - 56 * | 56 - 46 * | FCC |
|-----------|-------|-------|-----------|-----------|-----|
| 0.50 -5.0 | 73.00 | 60.00 | 56.00 | 46.00 | FCC |
| 5.0 -30.0 | 73.00 | 60.00 | 60.00 | 50.00 | FCC |

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST AND SETTING

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|----------------------|--------------|----------|------------|------------------|
| 1 | LISN | EMCO | 3816/2SH | 00052766 | May.25.2012 |
| 2 | LISN | R&S | ENV216 | 100526 | May.25.2012 |
| 3 | Test Cable | N/A | C_19 | N/A | Apr.25.2012 |
| 4 | EMI TEST RECEIVER | R&S | ESCI | 100895 | May.26.2012 |
| 5 | 50Ω Terminator | SHX | TF2-3G-A | 08122901 | May.26.2012 |

Remark: " N/A" denotes No Model No., Serial No. or No Calibration specified.

The following table is the setting of the receiver

| Receiver Parameters | Setting |
|---------------------|----------|
| Attenuation | 10 dB |
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 kHz |



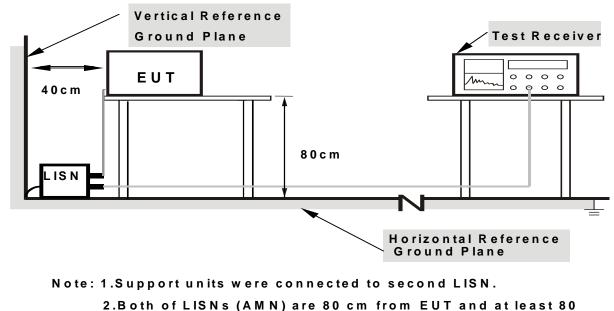
4.1.3 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



from other units and other metal planes

4.1.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

The EUT is continue Transmitter/Receive data or Hopping on mode.



4.1.7 TEST RESULTS

| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 | |
|---------------|--|---------------------|---------|--|
| Temperature : | | Relative Humidity : | | |
| Pressure : | | Test Power : | | |
| Test Mode : | "N/A" denotes test is not applicable in this Test Report | | | |

Remark

- (1) All readings are QP Mode value unless otherwise stated AVG in column of Note_⊥. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform ∘ In this case, a "*" marked in AVG Mode column of Interference Voltage Measured ∘
- (2) Measuring frequency range from 150KHz to 30MHz \circ



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies | Field Strength | Measurement Distance |
|-------------|--------------------|----------------------|
| (MHz) | (micorvolts/meter) | (meters) |
| 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 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| Above 960 | 500 | 3 |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

| FREQUENCY (MHz) | (dBuV/m) (at 3M) | | |
|-------------------|------------------|---------|--|
| FREQUENCT (IVITZ) | PEAK | AVERAGE | |
| Above 1000 | 74 | 54 | |

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

| Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz) | Range (MHz) |
|---|--|
| Below 1.705 | 30 |
| 1.705 – 108 | 1000 |
| 108 – 500 | 2000 |
| 500 – 1000 | 5000 |
| Above 1000 | 5 th harmonic of the highest frequency or 40 GHz, whichever is lower |

4.2.2 MEASUREMENT INSTRUMENTS LIST ANS SETTING

| | 1 | 1 | | | |
|------|----------------------------|--------------|---------------|------------|------------------|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Horn Antenna | ETS | 3115 | 00075789 | May.11.2012 |
| 2 | Amplifier | Agilent | 8449B | 3008A02274 | May.25.2012 |
| 3 | Spectrum | Agilent | E4408B | US39240143 | Nov.15.2011 |
| 4 | Test Cable | HUBER+SUHNER | CB03 High Fre | N/A | May.02.2012 |
| 5 | Bi-log Antenna | Schwarbeck | VULB9160 | 9160-3232 | May.25.2012 |
| 6 | Amplifier | HP | 8447D | 2944A09673 | May.25.2012 |
| 7 | Test Receiver | R&S | ESCI | 100895 | May.25.2012 |
| 8 | Test Cable | N/A | C-01_CB03 | N/A | Jul.05.2011 |
| 9 | Controller | СТ | SC100 | N/A | N/A |
| 10 | Triple Loop Antenna | R&S | HFH2-Z2 | 830749/020 | May.26.2012 |
| 11 | Broad-Band Horn Antenna | Schwarzbeck | BBHA 9170 | 9170319 | May.11.2012 |

Remark: " N/A" denotes No Model Name / Serial No. and No Calibration specified.

| Spectrum Parameter | Setting |
|---------------------------------|--|
| Attenuation | Auto |
| Start Frequency | 1000 MHz |
| Stop Frequency | 10th carrier harmonic |
| RB / VB (emission in restricted | 1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average |
| band) | |

| Receiver Parameter | Setting |
|------------------------|----------------------------------|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9kHz~150kHz / RB 200Hz for QP |
| Start ~ Stop Frequency | 150kHz~30MHz / RB 9kHz for QP |
| Start ~ Stop Frequency | 30MHz~1000MHz / RB 120kHz for QP |



4.2.3 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item -EUT Test Photos.

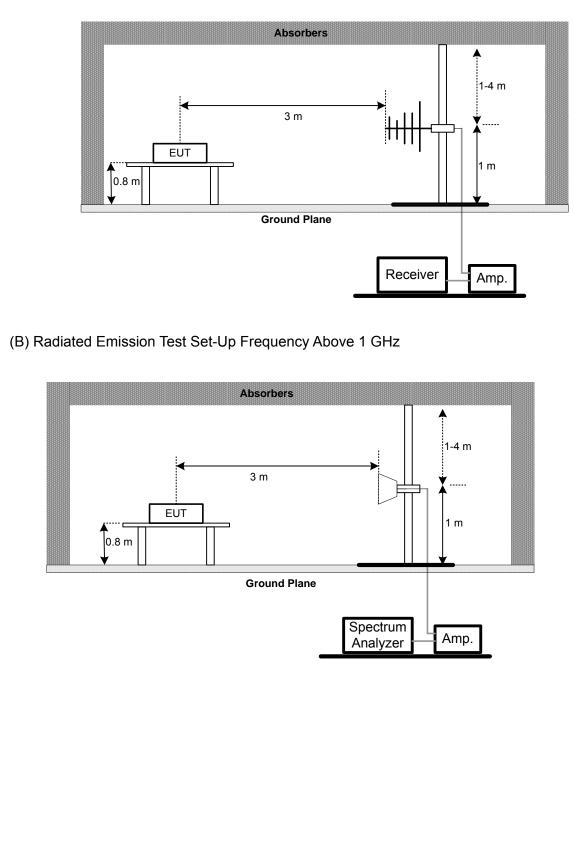
4.2.4 DEVIATION FROM TEST STANDARD

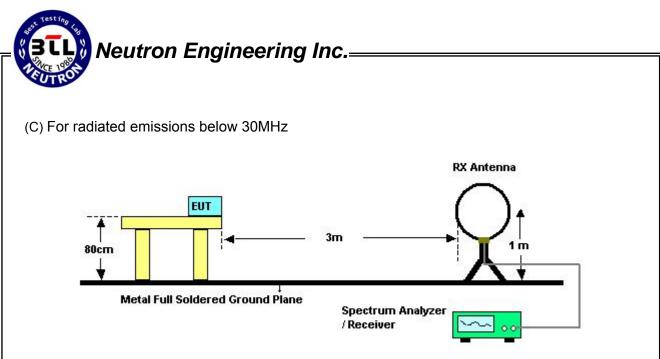
No deviation

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4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz





4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

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4.2.7 TEST RESULTS (BELOW 30MHZ)

| EUT: | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 26 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2402MHz –CH00-1Mbps | | |

| Freq. | Ant. | Reading(RA) | Corr.Factor(CF) | Measured(FS) | Limits(QP) | Margin | |
|-------|--------|-------------|-----------------|--------------|------------|--------|------|
| (MHz) | 0°/90° | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | Note |
| 0.02 | 0° | 128.64 | 24.30 | 104.34 | 123.97 | -19.63 | PK |
| 0.19 | 0° | 89.35 | 20.51 | 68.84 | 101.87 | -33.03 | PK |
| 0.37 | 0° | 69.09 | 20.12 | 48.97 | 96.35 | -47.39 | PK |
| 0.54 | 0° | 73.35 | 19.92 | 53.43 | 73.02 | -19.59 | PK |
| 0.69 | 0° | 72.03 | 20.40 | 51.63 | 70.87 | -19.23 | PK |
| 0.70 | 0° | 70.25 | 20.45 | 49.80 | 70.67 | -20.87 | PK |

| Freq. | Ant. | Reading(RA) | Corr.Factor(CF) | Measured(FS) | Limits(QP) | Margin | Note |
|-------|--------|-------------|-----------------|--------------|------------|--------|------|
| (MHz) | 0°/90° | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | Note |
| 0.02 | 90° | 102.40 | 24.08 | 78.32 | 120.18 | -41.86 | PK |
| 0.24 | 90° | 100.25 | 20.43 | 79.82 | 100.15 | -20.32 | PK |
| 0.36 | 90° | 64.87 | 20.15 | 44.72 | 96.57 | -51.85 | PK |
| 0.36 | 90° | 86.09 | 20.14 | 65.95 | 96.48 | -30.53 | PK |
| 0.69 | 90° | 72.35 | 20.40 | 51.95 | 70.87 | -18.91 | PK |
| 0.76 | 90° | 68.35 | 20.57 | 47.78 | 70.03 | -22.26 | PK |

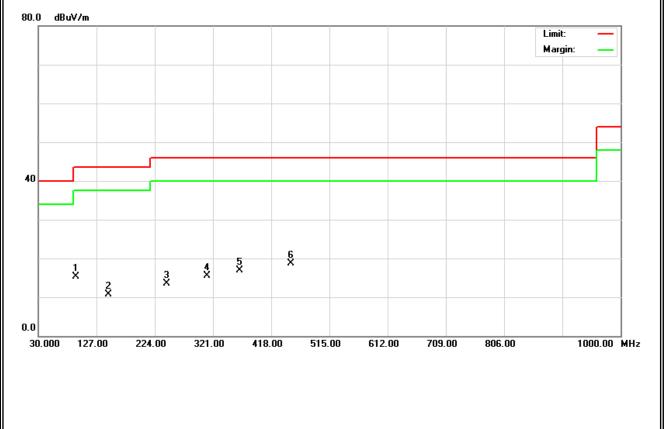
- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported \circ
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB); •
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor. •

4.2.8 TEST RESULTS (BETWEEN30 - 1000 MHZ)

| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2402MHz –CH00-1Mbps | | |

| Freq. | Ant. | Reading(RA) | Corr.Factor(CF) | Measured(FS) | Limits(QP) | Margin | Note |
|--------|------|-------------|-----------------|--------------|------------|---------|------|
| (MHz) | H/V | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | NOLE |
| 92.08 | V | 34.21 | -18.82 | 15.39 | 43.50 | - 28.11 | |
| 146.40 | V | 25.36 | -14.62 | 10.74 | 43.50 | - 32.76 | |
| 243.40 | V | 26.87 | -13.30 | 13.57 | 46.00 | - 32.43 | |
| 311.30 | V | 26.54 | -10.98 | 15.56 | 43.50 | - 27.94 | |
| 365.62 | V | 27.02 | -10.15 | 16.87 | 46.00 | - 29.13 | |
| 450.98 | V | 27.49 | -8.79 | 18.70 | 46.00 | - 27.30 | |

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz ∘
- (2) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (3) Measuring frequency range from 30MHz to 1000MHz \circ
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table \circ

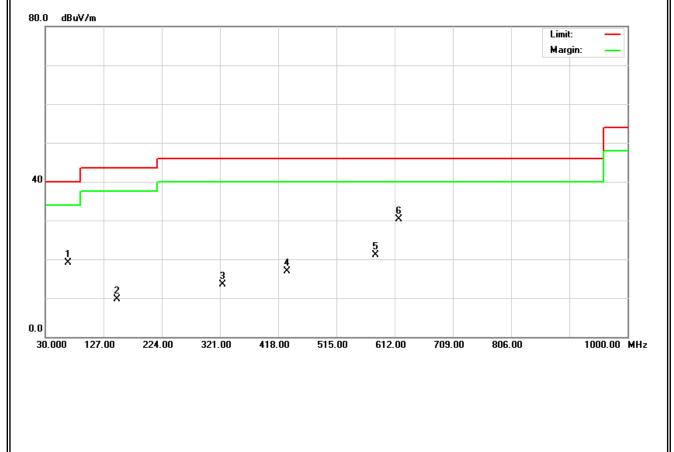




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2402MHz –CH00-1Mbps | | |

| Freq. | Ant. | Reading(RA) | Corr.Factor(CF) | Measured(FS) | Limits(QP) | Margin | Note |
|--------|------|-------------|-----------------|--------------|------------|---------|------|
| (MHz) | H/V | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | note |
| 67.83 | Н | 36.98 | -17.94 | 19.04 | 40.00 | - 20.96 | |
| 149.31 | Н | 24.27 | -14.65 | 9.62 | 43.50 | - 33.88 | |
| 325.85 | Н | 24.31 | -10.74 | 13.57 | 46.00 | - 32.43 | |
| 432.55 | Н | 25.97 | -9.13 | 16.84 | 46.00 | - 29.16 | |
| 579.99 | Н | 26.85 | -5.76 | 21.09 | 46.00 | - 24.91 | |
| 618.79 | Н | 35.69 | -5.41 | 30.28 | 46.00 | - 15.72 | |

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz ∘
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (3) Measuring frequency range from 30MHz to 1000MHz \circ
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table \circ

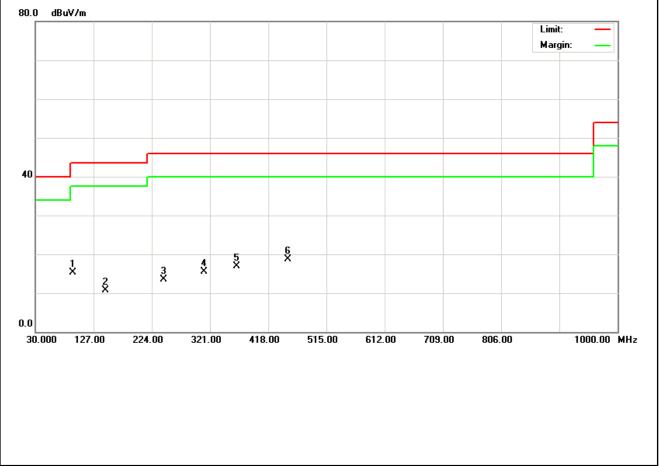




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2402MHz | | |

| Freq. | Ant. | Reading(RA) | Corr.Factor(CF) | Measured(FS) | Limits(QP) | Margin | Niete |
|--------|------|-------------|-----------------|--------------|------------|---------|-------|
| (MHz) | H/V | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | Note |
| 92.08 | V | 34.21 | -18.82 | 15.39 | 43.50 | - 28.11 | |
| 146.40 | V | 25.36 | -14.62 | 10.74 | 43.50 | - 32.76 | |
| 243.40 | V | 26.87 | -13.30 | 13.57 | 46.00 | - 32.43 | |
| 311.30 | V | 26.54 | -10.98 | 15.56 | 46.00 | - 30.44 | |
| 365.62 | V | 27.02 | -10.15 | 16.87 | 46.00 | - 29.13 | |
| 450.98 | V | 27.49 | -8.79 | 18.70 | 46.00 | - 27.30 | |

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz ∘
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (3) Measuring frequency range from 30MHz to 1000MHz \circ
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table \circ

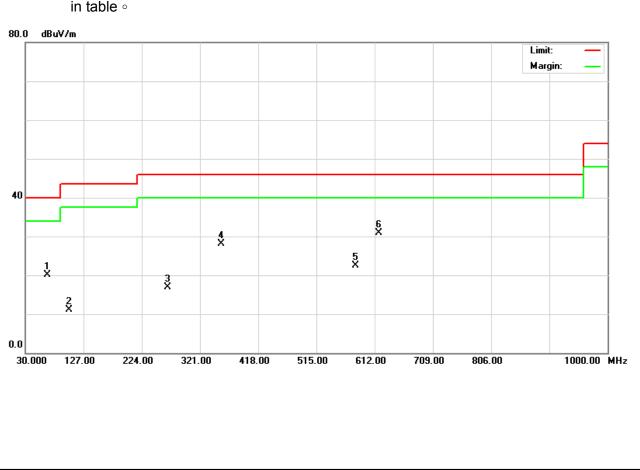




| | - | | |
|---------------|--------------------------|--------------------|---------|
| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2402MHz | | |

| - | • • | | | | | | |
|--------|------|-------------|-----------------|--------------|------------|---------|------|
| Freq. | Ant. | Reading(RA) | Corr.Factor(CF) | Measured(FS) | Limits(QP) | Margin | Note |
| (MHz) | H/V | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | NOIC |
| 66.38 | Н | 38.02 | -17.87 | 20.15 | 40.00 | - 19.85 | |
| 102.35 | Н | 28.35 | -17.28 | 11.07 | 43.50 | - 32.43 | |
| 266.38 | Н | 28.96 | -12.12 | 16.84 | 46.00 | - 29.16 | |
| 356.02 | Н | 38.35 | -10.26 | 28.09 | 46.00 | - 17.91 | |
| 579.99 | Н | 28.35 | -5.76 | 22.59 | 46.00 | - 23.41 | |
| 618.79 | Н | 36.25 | -5.41 | 30.84 | 46.00 | - 15.16 | |

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz ∘
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (3) Measuring frequency range from 30MHz to 1000MHz \circ
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table \circ



4.2.9 TEST RESULTS (ABOVE 1000 MHZ)

| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2402MHz – CH 00-1Mbps | | |

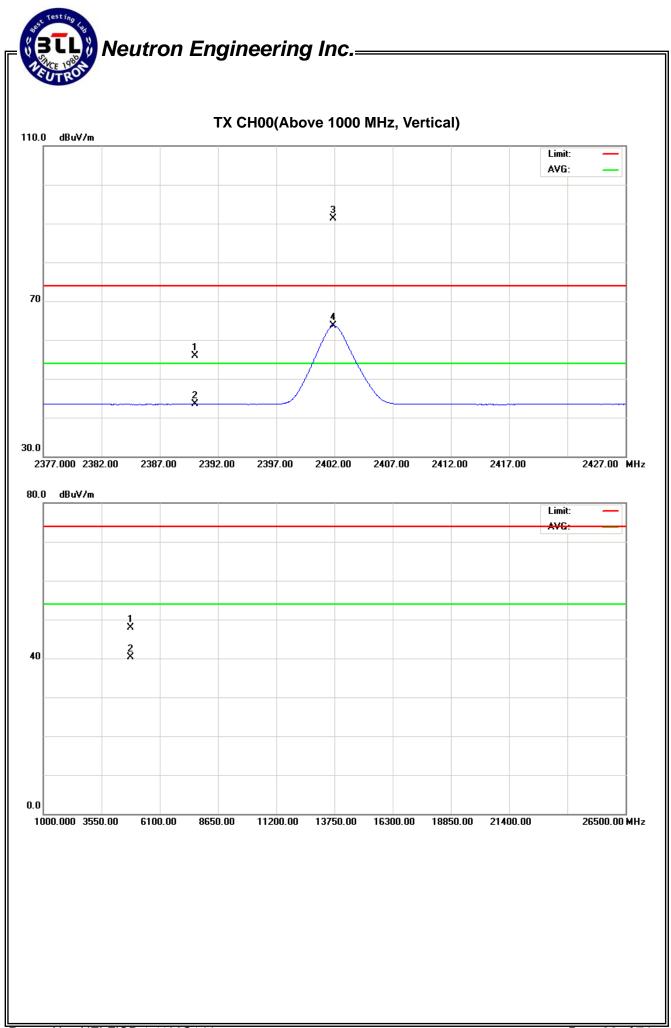
| Freq. | Ant.Pol. | Reading | | Ant./CF | A | Act. | | Limit | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 2390.00 | V | 24.04 | 11.55 | 31.91 | 55.95 | 43.46 | 74.00 | 54.00 | X/E |
| 2401.90 | V | 59.46 | 31.74 | 31.90 | 91.36 | 63.64 | | | X/F |
| 4804.65 | V | 41.68 | 34.05 | 6.17 | 47.85 | 40.22 | 74.00 | 54.00 | X/H |

Remark :

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:

"X" - denotes Laid on Table; "Y" - denotes Vertical Stand; "Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna





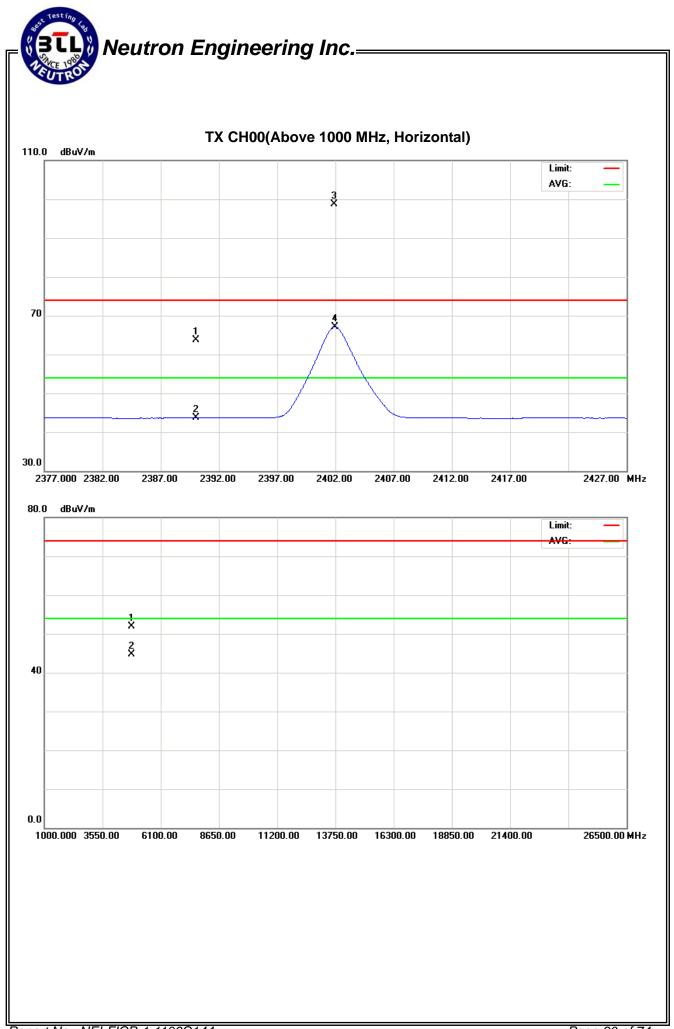
| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1010hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2402MHz – CH 00-1Mbps | · | |

| ſ | Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Limit | | |
|---|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | | Peak | AV | | Peak | AV | Peak | AV | Note |
| | (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| | 2390.00 | Н | 31.71 | 11.74 | 31.91 | 63.62 | 43.65 | 74.00 | 54.00 | X/E |
| ſ | 2401.90 | Н | 66.84 | 35.29 | 31.90 | 98.74 | 67.19 | | | X/F |
| | 4804.65 | Н | 45.78 | 38.44 | 6.17 | 51.95 | 44.61 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:

"X" - denotes Laid on Table; "Y" - denotes Vertical Stand; "Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

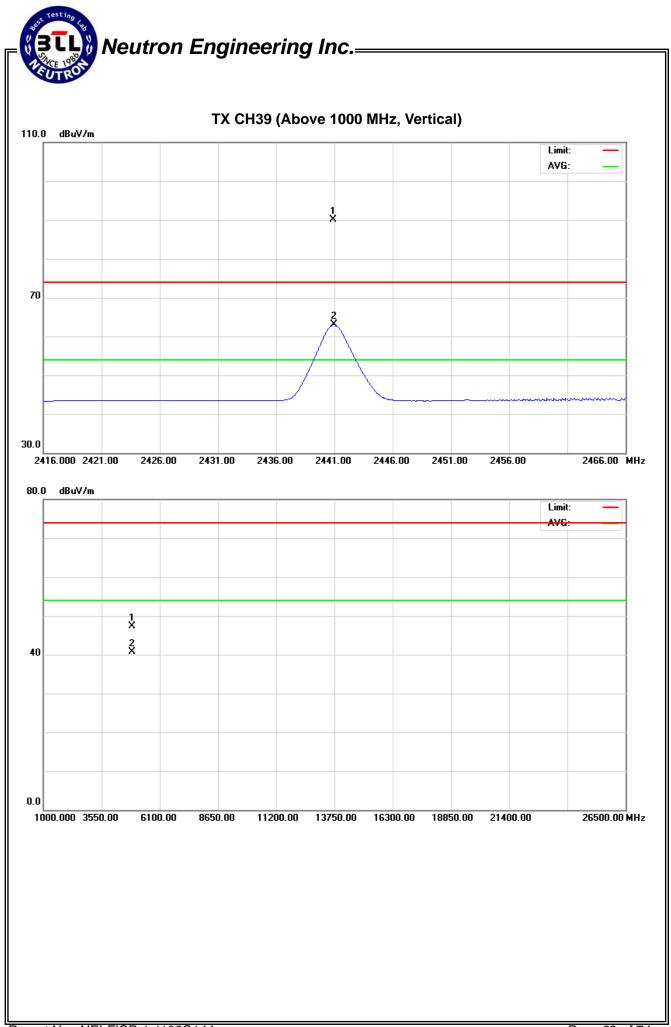




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2441MHz –CH39-1Mbps | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Limit | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 2440.90 | V | 58.20 | 31.19 | 31.85 | 90.05 | 63.04 | | | X/F |
| 4882.64 | V | 40.87 | 34.21 | 6.46 | 47.33 | 40.67 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

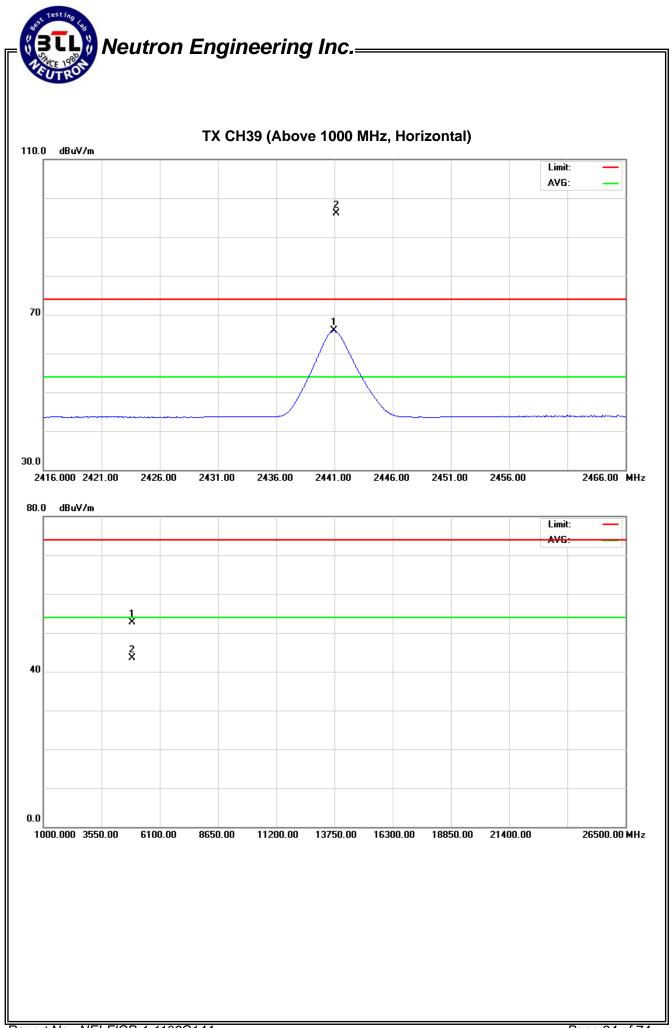




| EUT: | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2441MHz –CH39-1Mbps | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Limit | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 2441.15 | Н | 64.25 | 34.03 | 31.85 | 96.10 | 65.88 | | | X/F |
| 4882.64 | Н | 46.32 | 37.13 | 6.46 | 52.78 | 43.59 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

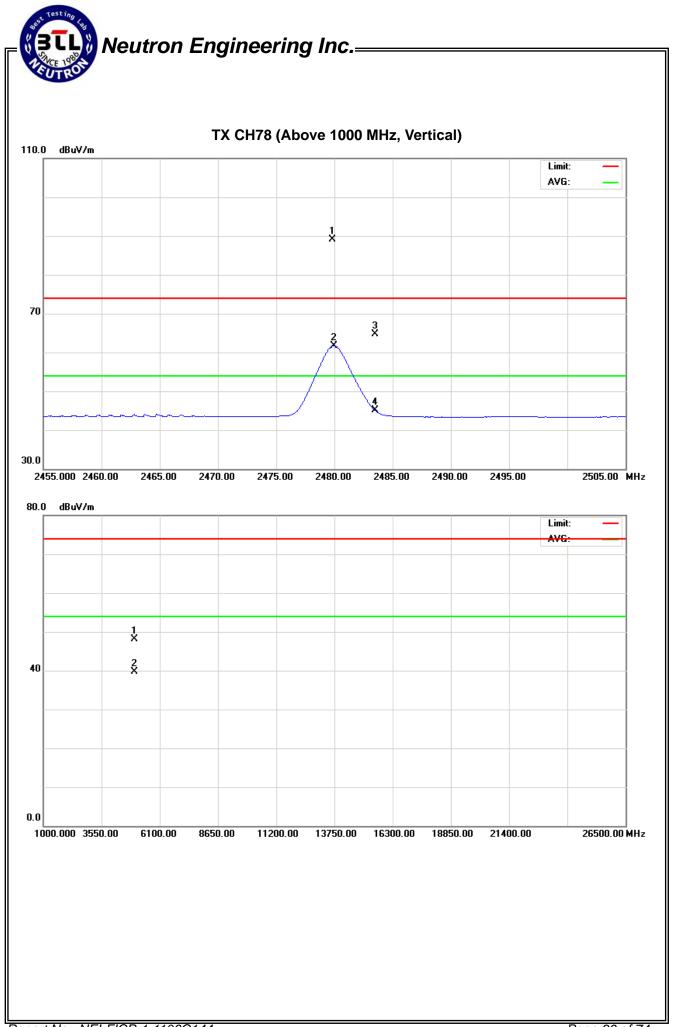




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1010hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2480MHz –CH78-1Mbps | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Limit | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 2479.85 | V | 57.30 | 29.89 | 31.80 | 89.10 | 61.69 | | | X/F |
| 2483.50 | V | 32.81 | 13.22 | 31.80 | 64.61 | 45.02 | 74.00 | 54.00 | X/E |
| 4960.85 | V | 41.39 | 33.02 | 6.74 | 48.13 | 39.76 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis : "X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

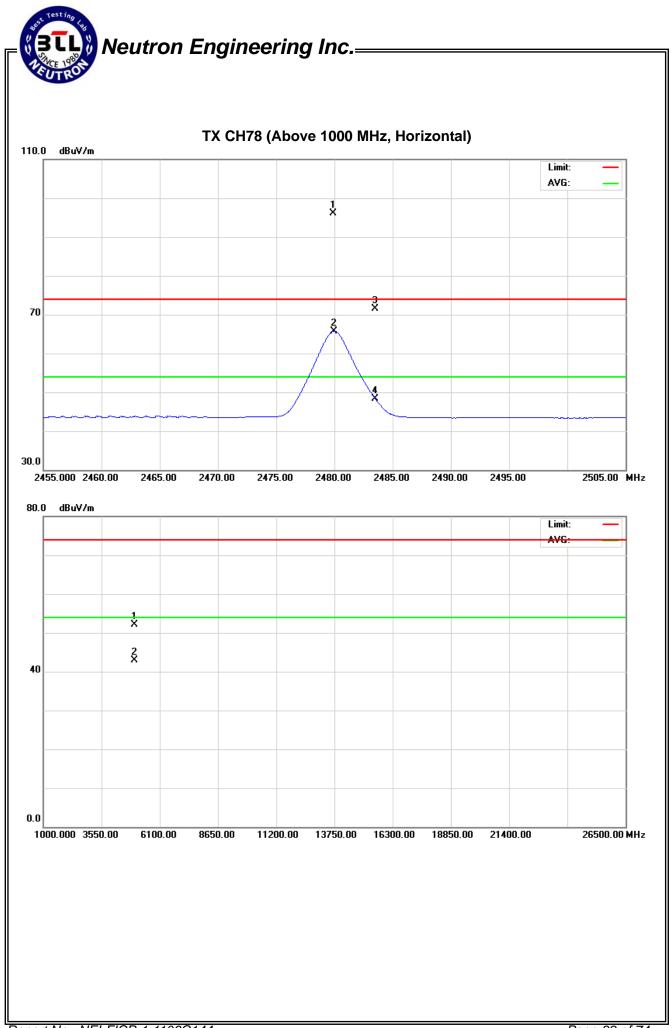




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | TX 2480MHz –CH78-1Mbps | | |

| Freq. | Ant.Pol. | Rea | Reading | | A | Act. | | Limit | | |
|---------|----------|--------|---------|--------|----------|----------|----------|----------|------|--|
| | | Peak | AV | | Peak | AV | Peak | AV | Note | |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | | |
| 2479.90 | Н | 64.39 | 33.97 | 31.80 | 96.19 | 65.77 | | | X/F | |
| 2483.50 | Н | 39.70 | 16.50 | 31.80 | 71.50 | 48.30 | 74.00 | 54.00 | X/E | |
| 4960.85 | Н | 45.32 | 36.15 | 6.74 | 52.06 | 42.89 | 74.00 | 54.00 | X/H | |

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis : "X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

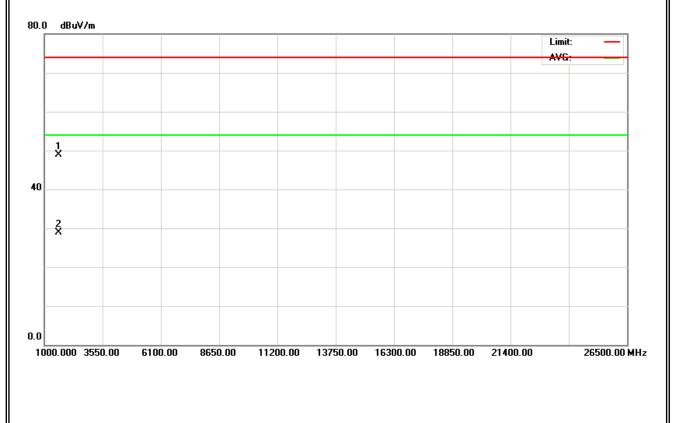




| EUT: | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 51 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2402MHz | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Liı | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 1602.02 | V | 53.24 | 33.25 | -4.26 | 48.98 | 28.99 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table ; "Y" denotes Vertical Stand ; "Z" denotes Side Stand

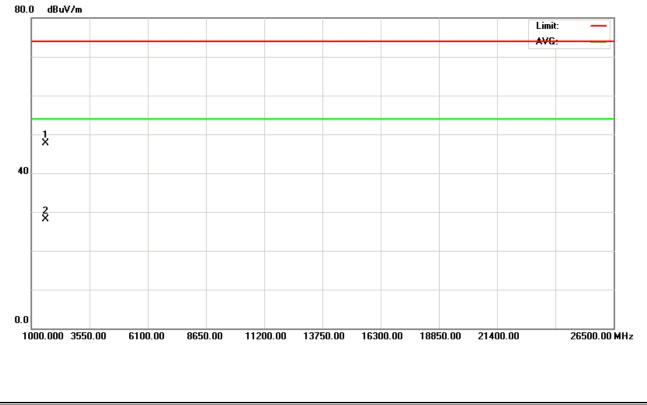




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 51 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2402MHz | | |

| ľ | Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Lir | | |
|---|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | | Peak | AV | | Peak | AV | Peak | AV | Note |
| | (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| | 1602.02 | Н | 52.02 | 32.35 | -4.26 | 47.76 | 28.09 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table ; "Y" denotes Vertical Stand ; "Z" denotes Side Stand

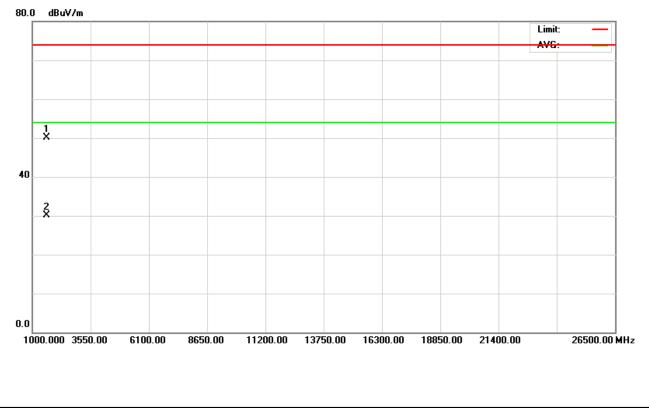




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 51 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2441MHz | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Liı | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 1627.14 | V | 54.02 | 34.02 | -3.98 | 50.04 | 30.04 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table ; "Y" denotes Vertical Stand ; "Z" denotes Side Stand

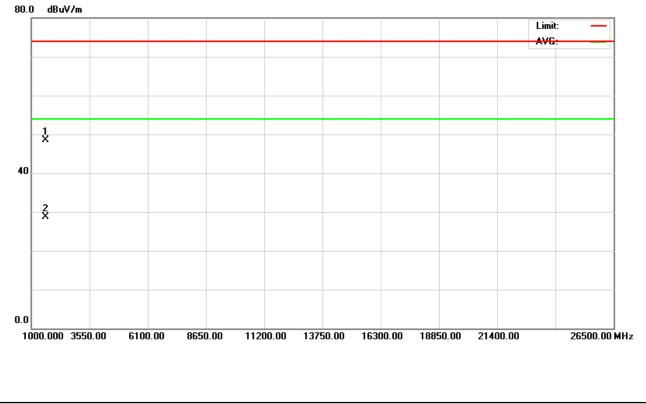




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 51 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2441MHz | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Lir | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 1627.14 | Н | 52.58 | 32.75 | -3.98 | 48.60 | 28.77 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table ; "Y" denotes Vertical Stand ; "Z" denotes Side Stand

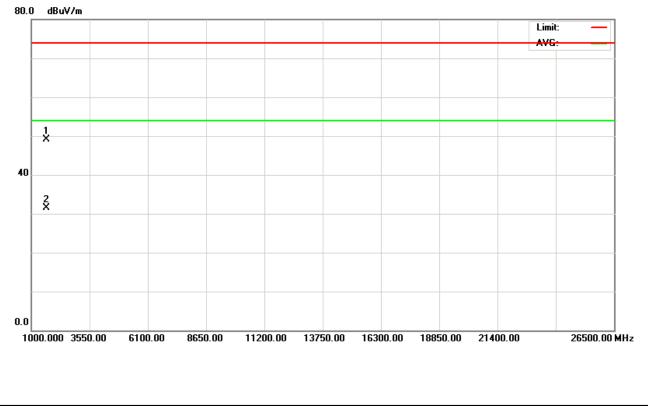




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 51 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2480MHz | | |

| Freq. | Ant.Pol. | Reading | | Ant./CF | Act. | | Liı | | |
|---------|----------|---------|--------|---------|----------|----------|----------|----------|------|
| | | Peak | AV | | Peak | AV | Peak | AV | Note |
| (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| 1653.11 | V | 52.89 | 35.26 | -3.70 | 49.19 | 31.56 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table ; "Y" denotes Vertical Stand ; "Z" denotes Side Stand

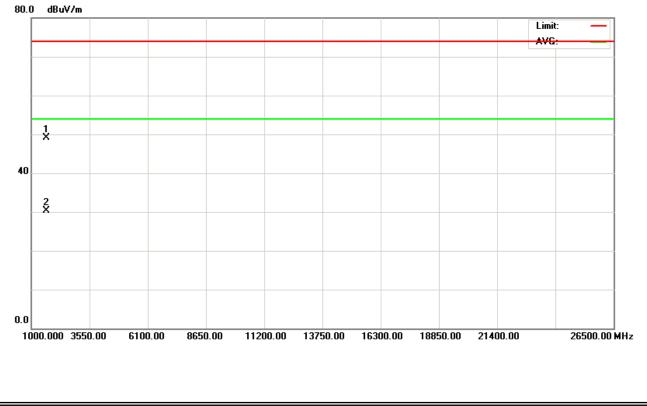




| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 °C | Relative Humidity: | 51 % |
| Pressure : | 1010 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | RX Mode 2480MHz | | |

| ſ | Freq. | Ant.Pol. | Rea | ding | Ant./CF | Ac | ot. | Lir | nit | |
|---|---------|----------|--------|--------|---------|----------|----------|----------|----------|------|
| | | | Peak | AV | | Peak | AV | Peak | AV | Note |
| | (MHz) | H/V | (dBuV) | (dBuV) | CF(dB) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dBuV/m) | |
| | 1653.11 | Н | 52.72 | 33.98 | -3.70 | 49.02 | 30.28 | 74.00 | 54.00 | X/H |

- (1) All readings are Peak unless otherwise stated QP in column of <code>"Note_"</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform \circ
- (2) Measuring frequency range from 1000MHz to 6000MHz or the 10th harmonic of highest fundamental frequency^o"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission \circ
- (4) Data of measurement within this frequency range shown "*" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table ; "Y" denotes Vertical Stand ; "Z" denotes Side Stand



5. NUMBER OF HOPPING CHANNEL

5.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247), Subpart C | | | | |
|--------------------------------|------------------------------|--------------------------|--------|--|
| Section | Test Item | Frequency Range (MHz) | Result | |
| 15.247 (a)(1)(iii) | Number of Hopping Channel | 2400-2483.5 | PASS | |

5.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP 40 | 100185 | Nov.26.2011 |

Remark: " N/A" denotes No Model Name , Serial No. or No Calibration specified.

| Spectrum Parameters | Setting | | | |
|---------------------|-----------------------------|--|--|--|
| Attenuation | Auto | | | |
| Span Frequency | > Operating Frequency Range | | | |
| RB | 100 kHz | | | |
| VB | 100 kHz | | | |
| Detector | Peak | | | |
| Trace | Max Hold | | | |
| Sweep Time | Auto | | | |

5.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

5.1.3 DEVIATION FROM STANDARD

No deviation.

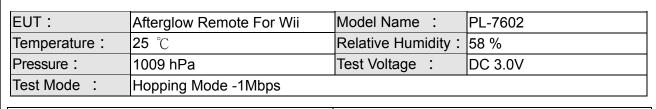
5.1.4 TEST SETUP

| EUT | SPECTRUM |
|-----|----------|
| | ANALYZER |

5.1.5 EUT OPERATION CONDITIONS

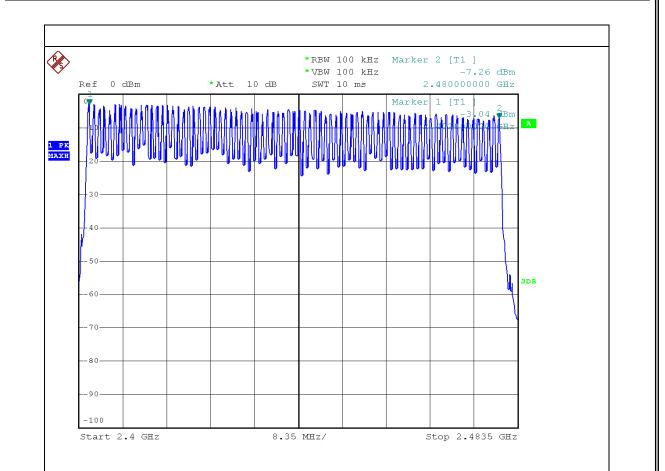
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.





79

Number of Hopping Channel



Date: 27.JUN.2011 14:51:25

Neutron Engineering Inc.=

6. AVERAGE TIME OF OCCUPANCY

6.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247) , Subpart C | | | | | |
|---------------------------------|------------------------------|--------|--------------------------|--------|--|
| Section | Test Item | Limit | Frequency Range (MHz) | Result | |
| 15.247 (a)(1)(iii) | Average Time of Occupancy | 0.4sec | 2400-2483.5 | PASS | |

6.1.1 MEASUREMENT INSTRUMENTS LIST

| ltem | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP 40 | 100185 | Nov.26.2011 |

Remark: " N/A" denotes No Model Name , Serial No. or No Calibration specified.

6.1.2 TEST PROCEDURE

- a. The transmitter output (antenna port) was connected to the spectrum analyzer
- b. Set RBW of spectrum analyzer to 1MHz and VBW to 1MHz.
- c. Use a video trigger with the trigger level set to enable triggering only on full pulses.
- d. Sweep Time is more than once pulse time.
- e. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
- f. Measure the maximum time duration of one single pulse.
- g. Set the EUT for DH5, DH3 and DH1 packet transmitting.
- \tilde{h} . Measure the maximum time duration of one single pulse.
- i. DH5 Packet permit maximum 1600/ 79 / 6 = 3.37 hops per second in each channel (5 time slots RX, 1 time slot TX). So, the dwell time is the time duration of the pulse times 3.37 x 31.6 = 106.6 within 31.6 seconds.
- j. DH3 Packet permit maximum 1600 / 79 / 4 = 5.06 hops per second in each channel (3 time slots RX, 1 time slot TX). So, the dwell time is the time duration of the pulse times 5.06 x 31.6 = 160 within 31.6 seconds.
- k. DH1 Packet permit maximum 1600 / 79 /2 = 10.12 hops per second in each channel (1 time slot RX, 1 time slot TX). So, the dwell time is the time duration of the pulse times 10.12 x 31.6 = 320 within 31.6 seconds.

6.1.3 DEVIATION FROM STANDARD

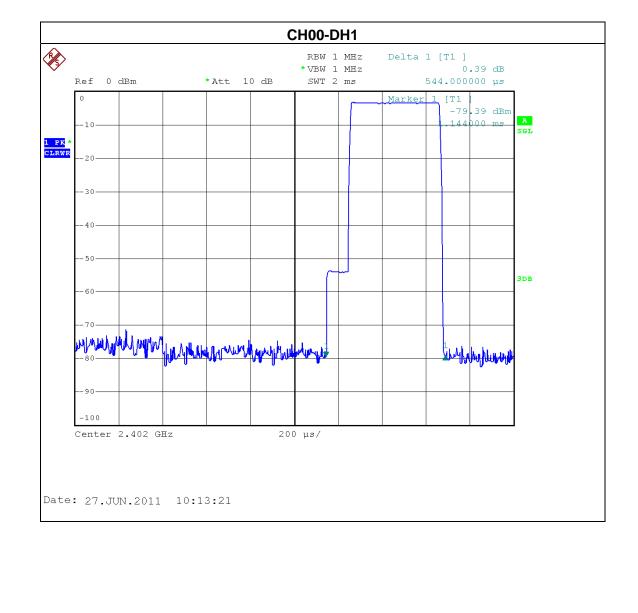
No deviation.

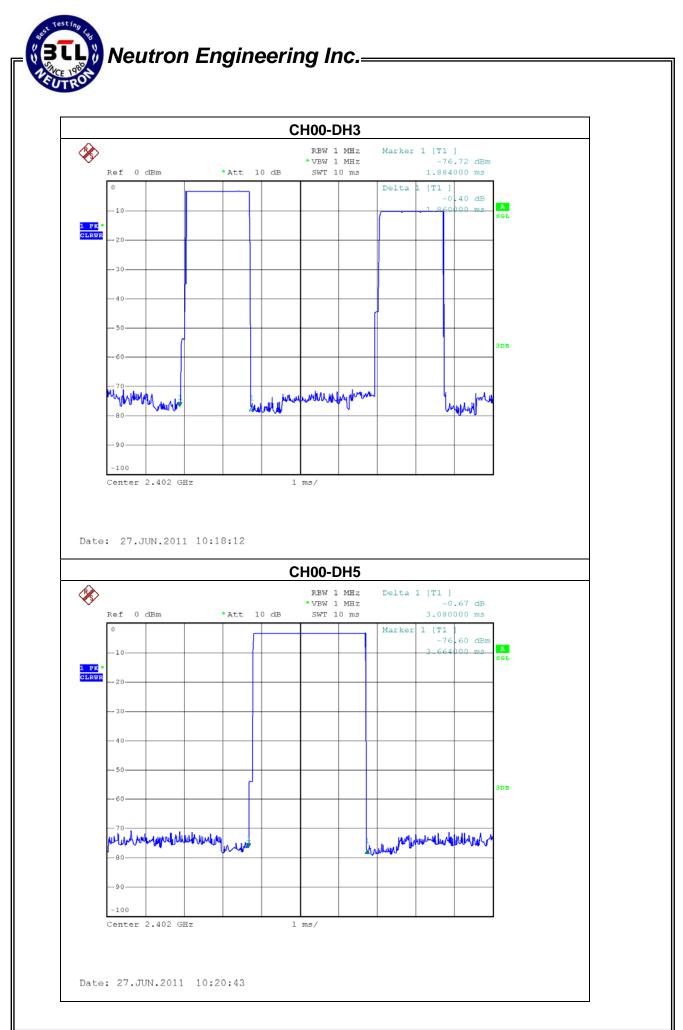
| Neutron Engineering Inc. | |
|---|--|
| | |
| 4 TEST SETUP | |
| | SPECTRUM |
| EUT | ANALYZER |
| 5 EUT OPERATION CONDITIONS | • |
| EUT tested system was configured as the statemer | nts of 4.1.6 Unless otherwise a specia |
| rating condition is specified in the follows during the | e testing. |
| | |
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| | |



| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH00-DH1/DH3/DH5 -1Mbps | | |

| Data Packet | Frequency | Pulse Duration (ms) | Dwell Time (s) | Limits (s) |
|-------------|-----------|------------------------|-------------------|---------------|
| DH5 | 2402 MHz | 3.0800 | 0.3285 | 0.4000 |
| DH3 | 2402 MHz | 1.8600 | 0.2976 | 0.4000 |
| DH1 | 2402 MHz | 0.5440 | 0.1741 | 0.4000 |



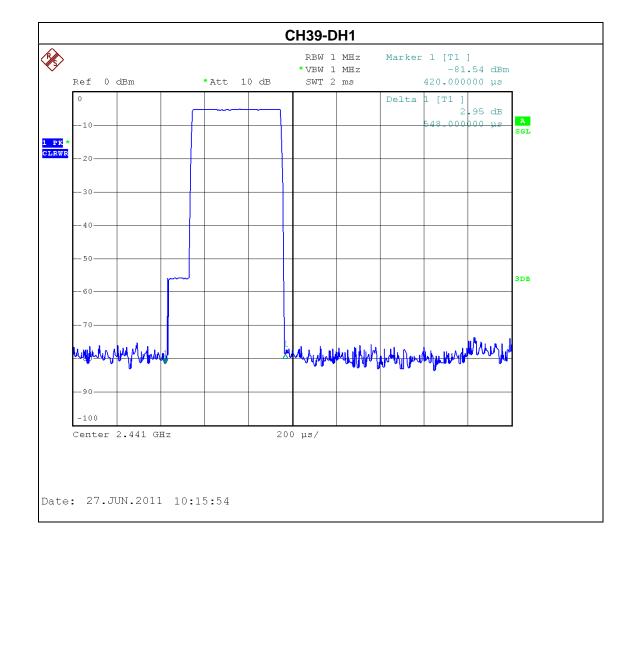


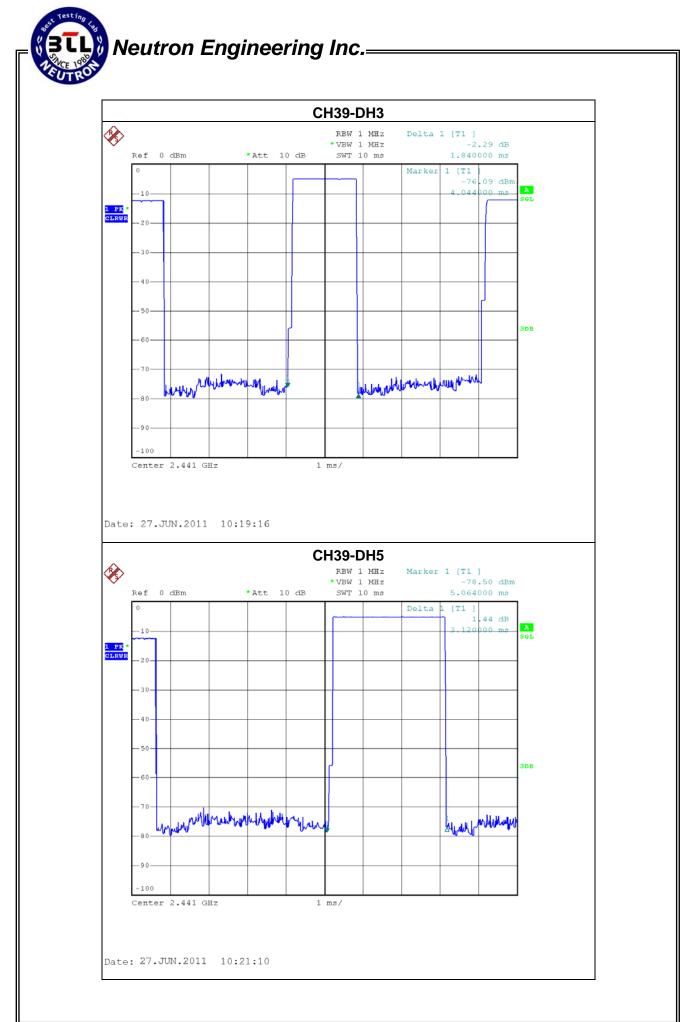
Report No.: NEI-FICP-1-1106C144

Neutron Engineering Inc.=

| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH39 -DH1/DH3/DH5 -1Mbps | | |

| Data Packet | Frequency | Pulse Duration (ms) | Dwell Time (s) | Limits (s) |
|-------------|-----------|------------------------|-------------------|---------------|
| DH5 | 2441 MHz | 3.1200 | 0.3328 | 0.4000 |
| DH3 | 2441 MHz | 1.8400 | 0.2944 | 0.4000 |
| DH1 | 2441 MHz | 0.5480 | 0.1754 | 0.4000 |



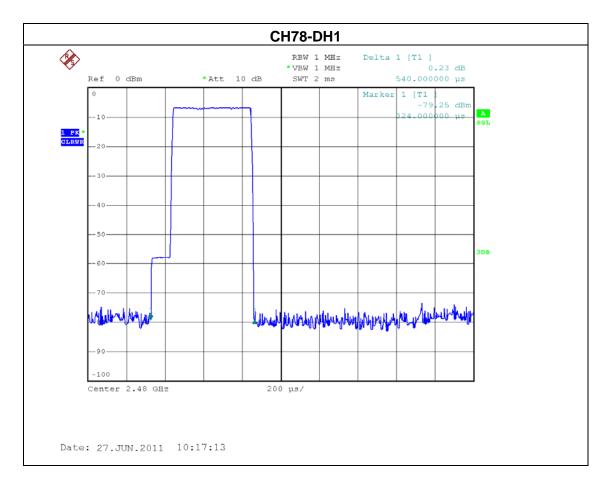


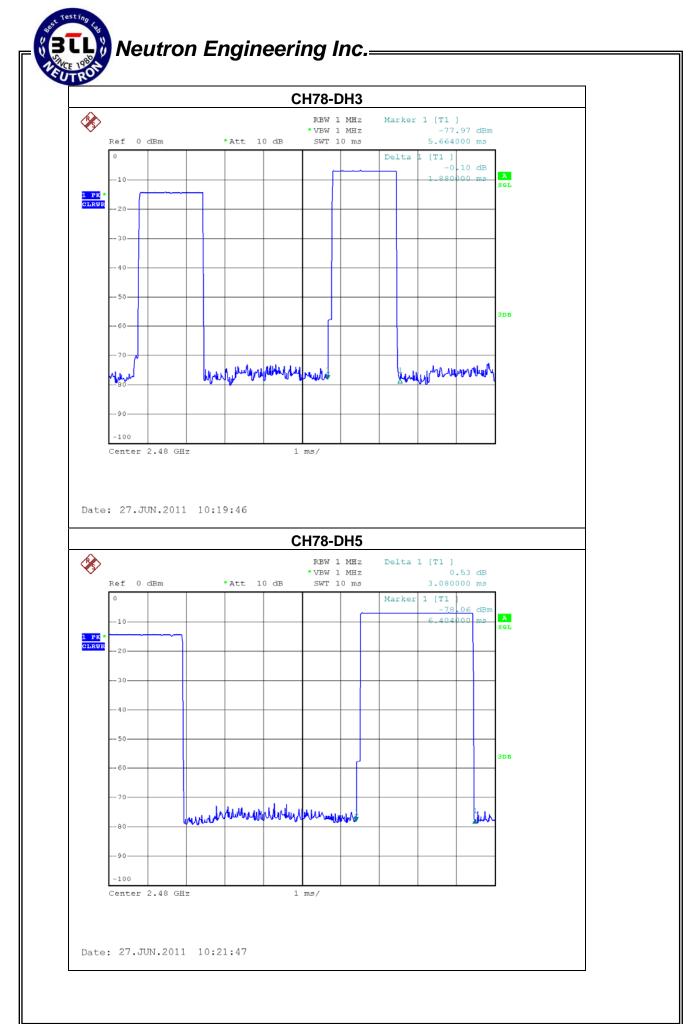
Report No.: NEI-FICP-1-1106C144

Neutron Engineering Inc.=

| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH78 -DH1/DH3/DH5-1Mbps | | |

| Data Packet | Frequency | Pulse Duration (ms) | Dwell Time (s) | Limits (s) |
|-------------|-----------|------------------------|-------------------|---------------|
| DH5 | 2480 MHz | 3.0800 | 0.3285 | 0.4000 |
| DH3 | 2480 MHz | 1.8800 | 0.3008 | 0.4000 |
| DH1 | 2480 MHz | 0.5400 | 0.1728 | 0.4000 |







7. HOPPING CHANNEL SEPARATION MEASUREMENT

7.1 APPLIED PROCEDURES / LIMIT

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

7.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP 40 | 100185 | Nov.26.2011 |

Remark: " N/A" denotes No Model Name , Serial No. or No Calibration specified.

| Spectrum Parameter | Setting |
|--------------------|---|
| Attenuation | Auto |
| Span Frequency | > Measurement Bandwidth or Channel Separation |
| RB | 30 kHz |
| VB | 100 kHz |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

7.1.2 TEST PROCEDURE

- a. The EUT must have its hopping function enabled
- b. Span = wide enough to capture the peaks of two adjacent channels Resolution (or IF) Bandwidth (RBW) ≥ 1% of the span Video (or Average) Bandwidth (VBW) ≥ RBW Sweep = auto Detector function = peak Trace = max hold

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



Spectrum Analayzer

EUT

7.1.5 EUT OPERATION CONDITIONS

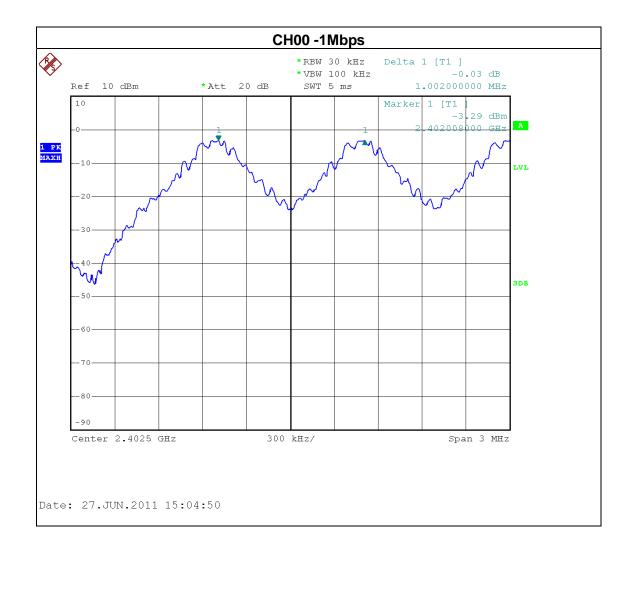
The EUT was programmed to be in hopping mode.

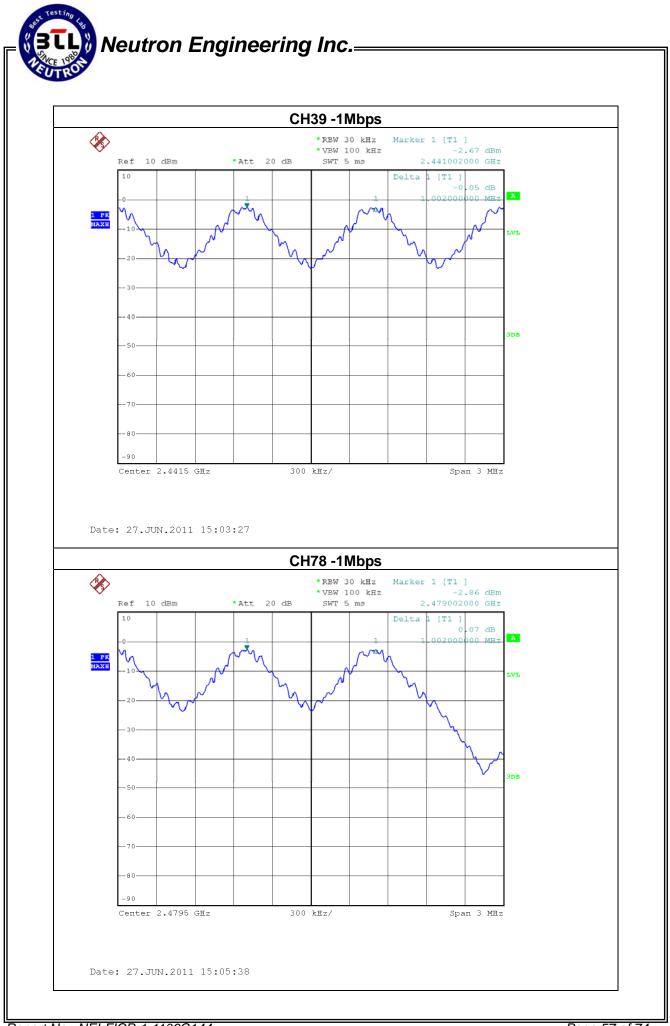


| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH00 / CH39 /CH78-1Mbps | | |

| Frequency | Ch. Separation (MHz) | 20dB Bandwidth (kHz) | Result |
|-----------|-------------------------|-------------------------|----------|
| 2402 MHz | 1 | 990.00 | Complies |
| 2441 MHz | 1 | 980.00 | Complies |
| 2480 MHz | 1 | 980.00 | Complies |

Ch. Separation Limits: >20dB bandwidth or >2/3 of 20dB bandwidth





Report No.: NEI-FICP-1-1106C144

Neutron Engineering Inc.=

8. BANDWIDTH TEST

8.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247), Subpart C | | | | | |
|--------------------------------|-----------|------------------------------|--------------------------|--------|--|
| Section | Test Item | Limit | Frequency Range (MHz) | Result | |
| 15.247 (a)(2) | Bandwidth | <= 1 MHz (20dB bandwidth) | 2400-2483.5 | PASS | |

8.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP 40 | 100185 | Nov.26.2011 |

Remark: " N/A" denotes No Model Name , Serial No. or No Calibration specified.

| Spectrum Parameter | Setting |
|--------------------|---|
| Attenuation | Auto |
| Span Frequency | > Measurement Bandwidth or Channel Separation |
| RB | 30 kHz (20dB Bandwidth) / 30 kHz (Channel Separation) |
| VB | 100 kHz (20dB Bandwidth) / 100 kHz (Channel Separation) |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

8.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 30KHz, VBW=100KHz, Sweep time = Auto.

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP

| EUT | SPECTRUM |
|-----|----------|
| | ANALYZER |

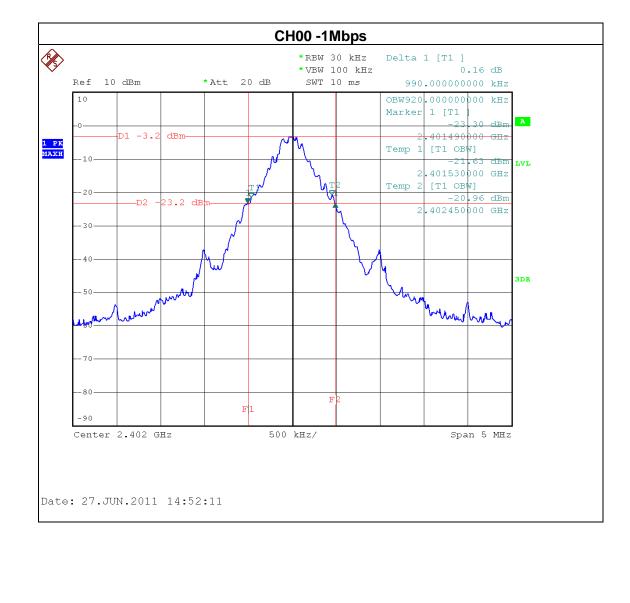
8.1.5 EUT OPERATION CONDITIONS

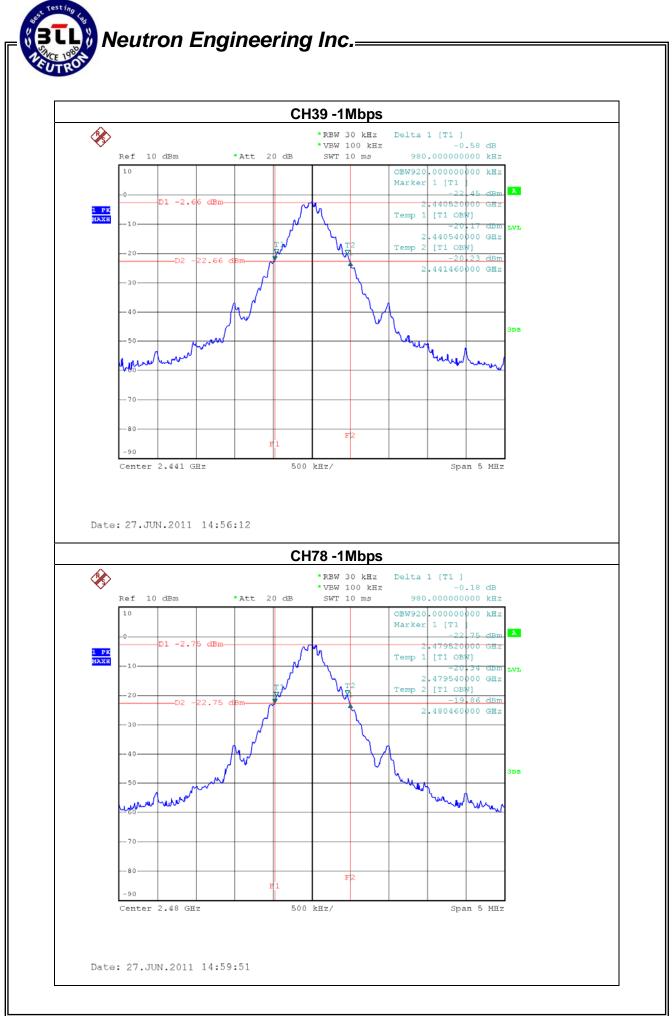
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH00 / CH39 /CH78-1Mbps | | |

| Frequency | 20dB Bandwidth (KHz) | 99% Occupied Bandwidth (KHz) | Channel Separation (MHz) | Result |
|-----------|-------------------------|---------------------------------|-----------------------------|--------|
| 2402 MHz | 990.00 | 920.00 | <= 1MHz | PASS |
| 2441 MHz | 980.00 | 920.00 | <= 1MHz | PASS |
| 2480 MHz | 980.00 | 920.00 | <= 1MHz | PASS |





Report No.: NEI-FICP-1-1106C144

Neutron Engineering Inc.=

9. PEAK OUTPUT POWER TEST

9.1 APPLIED PROCEDURES / LIMIT

| FCC Part15 (15.247), Subpart C | | | | | |
|--------------------------------|----------------------|------------------------|--------------------------|--------|--|
| Section | Test Item | Limit | Frequency Range (MHz) | Result | |
| 15.247 (b)(1) | Peak Output Power | 0.125 watt or 21dBm | 2400-2483.5 | PASS | |

9.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP 40 | 100185 | Nov.26.2011 |

Remark: " N/A" denotes No Model Name , Serial No. or No Calibration specified.

9.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 3MHz, VBW= 3MHz, Sweep time = Auto.

9.1.3 DEVIATION FROM STANDARD

No deviation.

9.1.4 TEST SETUP



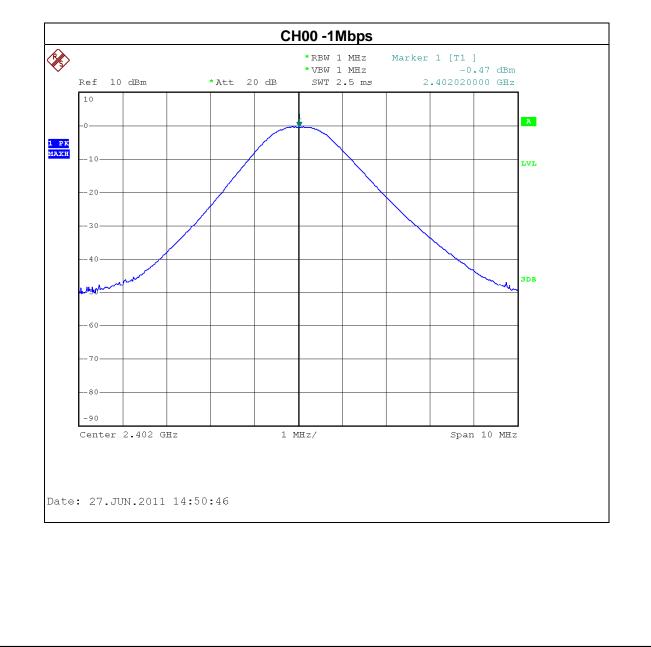
9.1.5 EUT OPERATION CONDITIONS

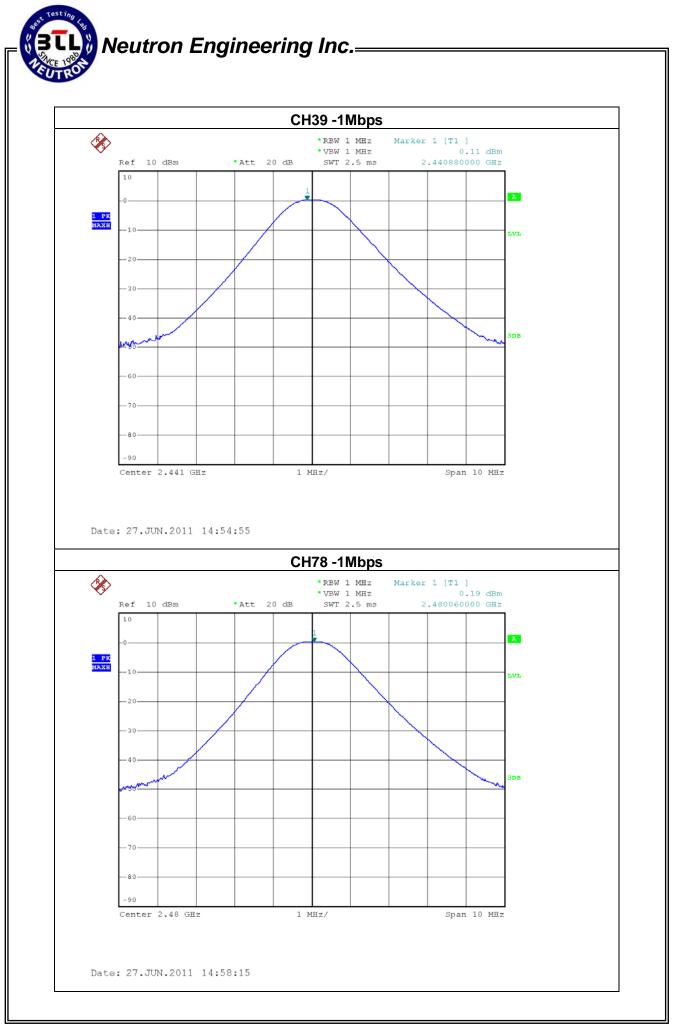
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



| EUT: | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|--------------------------|---------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity : | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH00/ CH39 /CH78 -1Mbps | | |

| Test Channel | Frequency (MHz) | Peak Output Power (dBm) | LIMIT (dBm) | LIMIT (W) |
|--------------|--------------------|----------------------------|----------------|--------------|
| CH00 | 2402 | -0.47 | 21 | 0.125 |
| CH39 | 2441 | 0.11 | 21 | 0.125 |
| CH78 | 2480 | 0.19 | 21 | 0.125 |





Report No.: NEI-FICP-1-1106C144



10. ANTENNA CONDUCTED SPURIOUS EMISSION

10.1 APPLIED PROCEDURES / LIMIT

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies (MHz) | Field Strength (micorvolts/meter) | Measurement Distance (meters) |
|----------------------|--------------------------------------|----------------------------------|
| 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 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| Above 960 | 500 | 3 |

10.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|------|-------------------|--------------|----------|------------|------------------|
| 1 | Spectrum Analyzer | R&S | FSP 40 | 100185 | Nov.26.2011 |

Remark: " N/A" denotes No Model Name , Serial No. or No Calibration specified.

10.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

10.1.3 DEVIATION FROM STANDARD

No deviation.

10.1.4 TEST SETUP

| EUT | SPECTRUM | ĺ |
|-----|----------|---|
| | ANALYZER | |

10.1.5 EUT OPERATION CONDITIONS

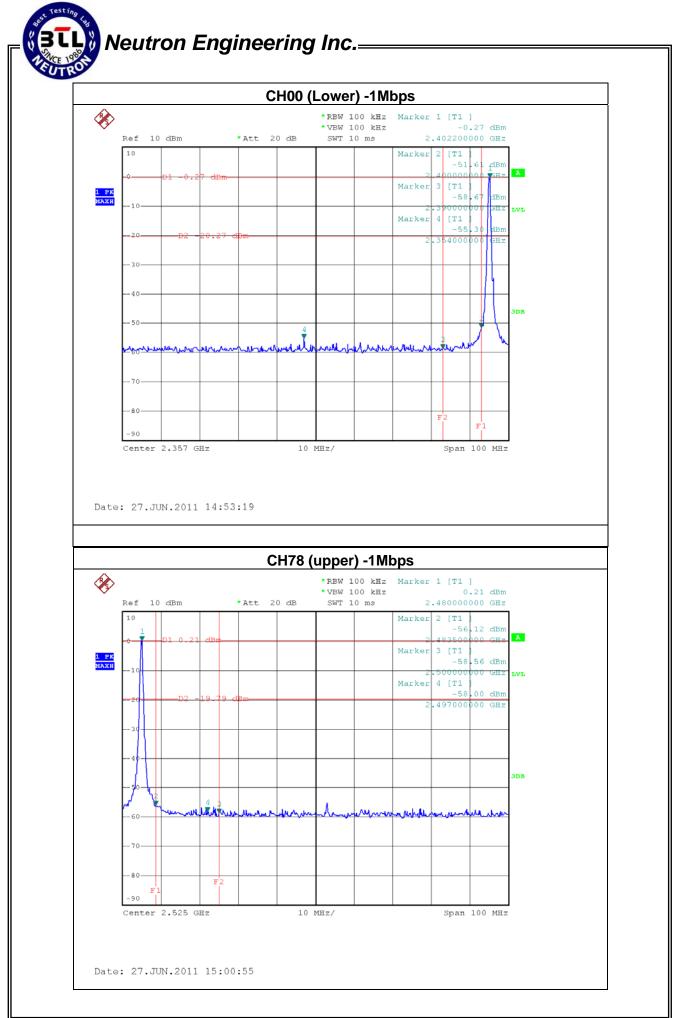
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.



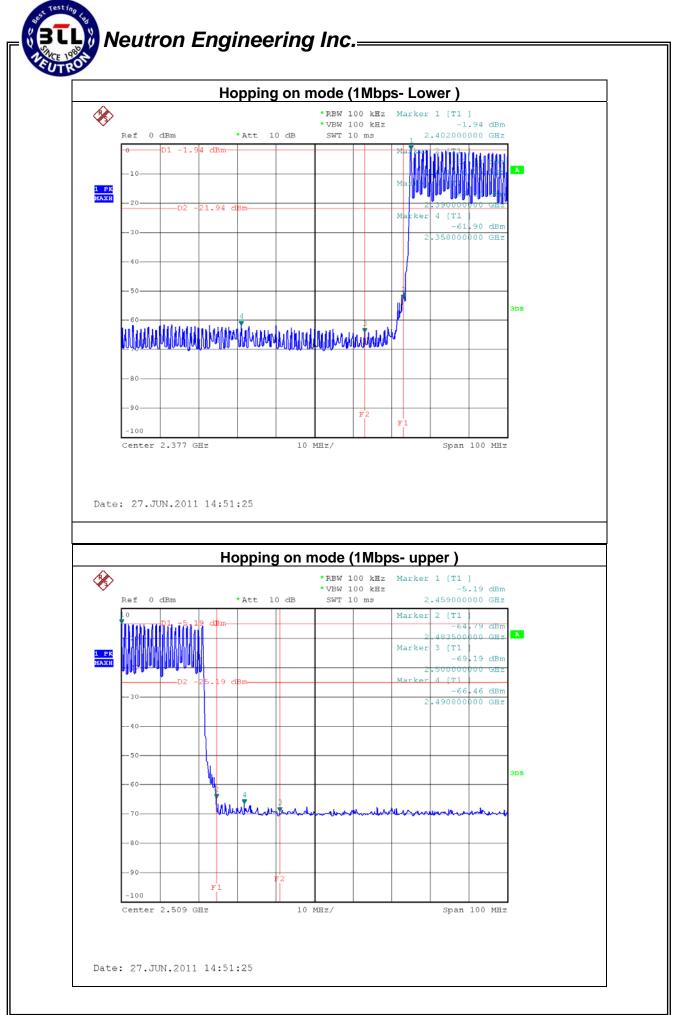
| EUT : | Afterglow Remote For Wii | Model Name : | PL-7602 |
|---------------|---|--------------------|---------|
| Temperature : | 25 ℃ | Relative Humidity: | 58 % |
| Pressure : | 1009 hPa | Test Voltage : | DC 3.0V |
| Test Mode : | CH00 / CH39/ CH78-1Mbps & Hopping on mode | | |

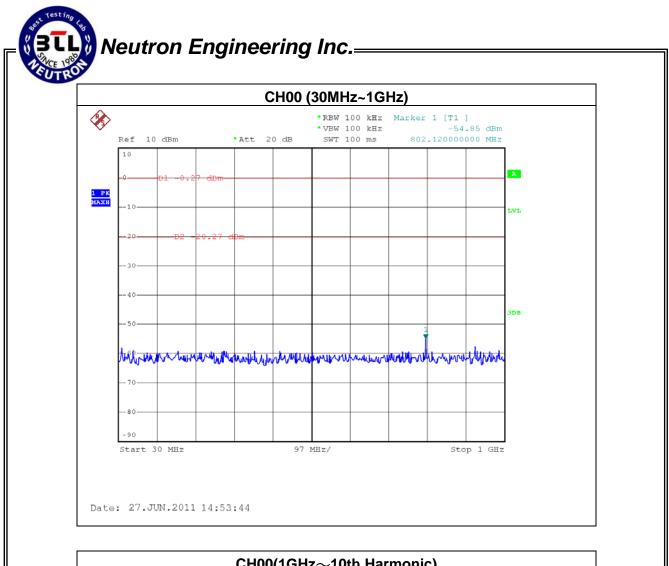
| | cy power in any 100kHz the frequency band | The max. radio frequent bandwidth within th | cy power in any 100 kHz ne frequency band. | |
|-------------------------------|--|---|---|--|
| FREQUENCY(MHz) | POWER(dBm) | FREQUENCY(MHz) | POWER(dBm) | |
| 2354.00 -55.30 2483.50 -56.12 | | | | |
| Result | | | | |

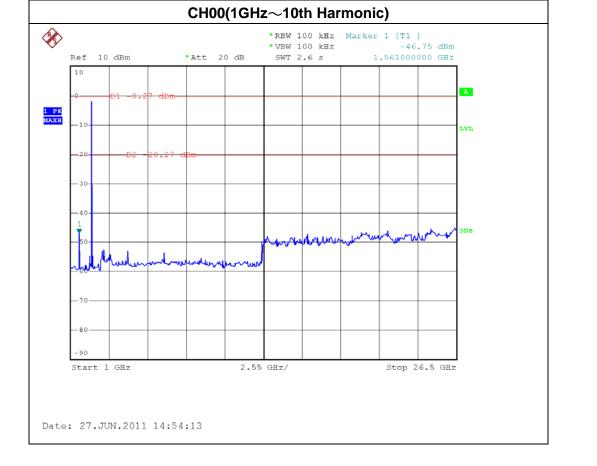
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.



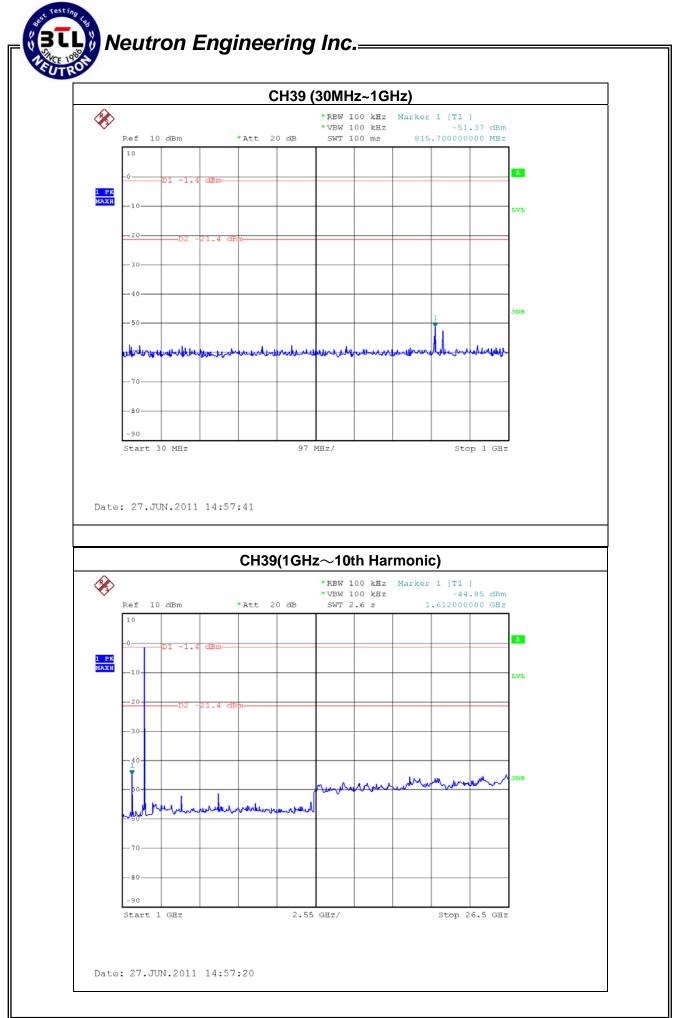
Report No.: NEI-FICP-1-1106C144

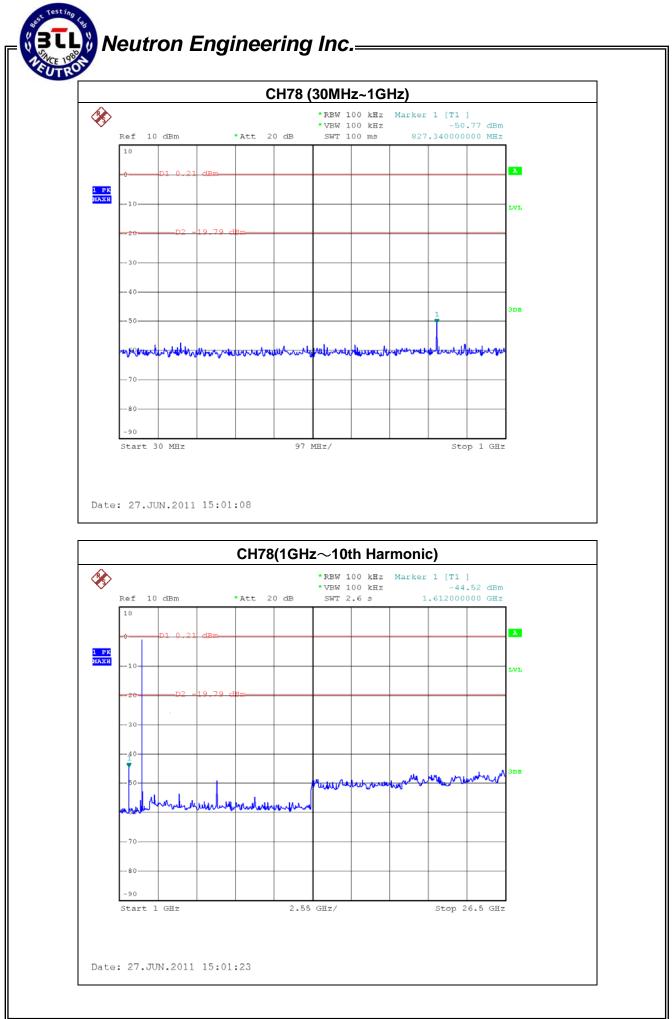






Report No.: NEI-FICP-1-1106C144





Report No.: NEI-FICP-1-1106C144



11. RF EXPOSURE TEST

11.1 GENERAL CONCULUSION

No evaluation required if power is below this threshold:

| F(GI | Hz) | P(mW) |
|------|------|-------|
| Low | 2402 | 24.58 |
| High | 2480 | 24.30 |

Maximum measured transmitter power:

| Peak Output Power (dBm) | | Peak Output Power (mW) |
|-------------------------|------|------------------------|
| Conducted Power | 0.19 | 1.0447 |
| EIRP Power | 0.87 | 1.2217 |

Threshold for no SAR evaluation is 24.58mW.

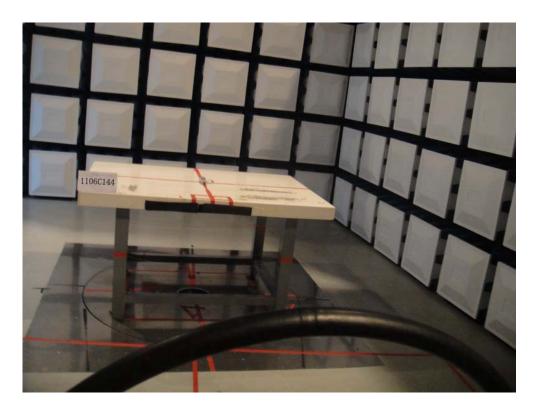
Transmitter power is 1.0447 mW.

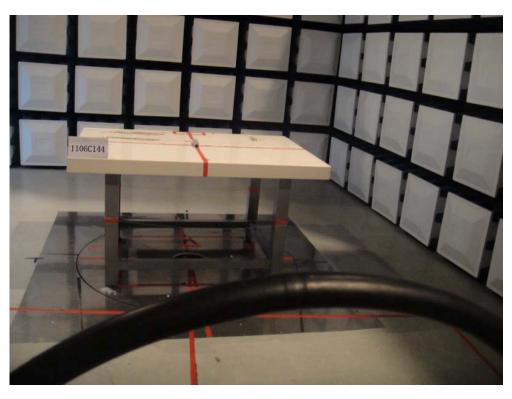
Conclusion: No SAR evaluation required since transmitter power is below FCC thresh



12. EUT TEST PHOTO

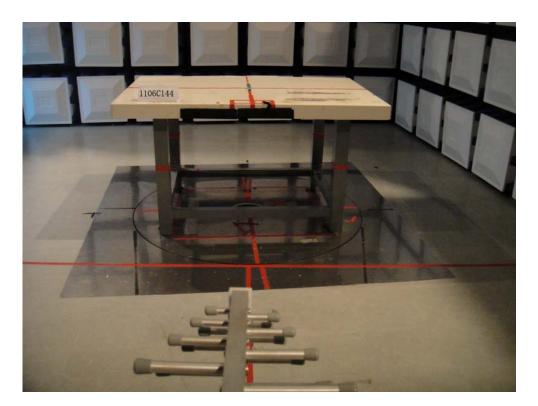
Radiated Measurement Photos 9K~30MHz

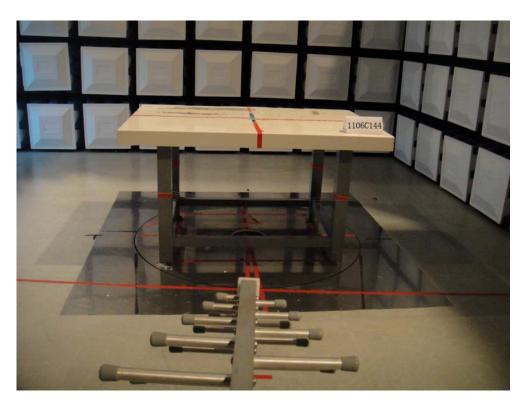






Radiated Measurement Photos 30M~1000MHz







Radiated Measurement Photos Above 1000MHz

