

APPLICATION FOR CERTIFICATION

On Behalf of

RedOctane, Inc.

Wireless Drum Kit Controller for Xbox360

Model Number: 95519808 and 95519.808

IC: 7196A-95519808

Prepared for : RedOctane, Inc.
444 Castro Street, Suite #140, Mountain View,
CA94041,U.S.A.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
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Report Number : ACS-II0083
Date of Test : Aug.12~Sep.01, 2010
Date of Report : Sep.01, 2010

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TEST REPORT CERTIFICATION

Applicant : RedOctane, Inc.
Manufacturer : Flextronics Manufacturing (Zhuhai) Co., Ltd.
EUT Description : Wireless Drum Kit Controller for Xbox360
MODEL NO. : 95519808
IC : 7196A-95519808
POWER SUPPLY : DC 3V
TEST VOLTAGE : DC 3V

Test Procedure Used:

RSS-210, ISSUE 7, June 2007

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the RSS-210, ISSUE 7 limits for radiated and conducted emissions.

The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with RSS-210 requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Date of Test :

Aug.12~ Sep.01, 2010

Prepared by :

Celia Feng

Celia Feng / Assistant

Reviewer :

Jamy Yu

Jamy Yu / Supervisor

Approved & Authorized Signer :

AUDIX®

信華科技(深圳)有限公司

Audix Technology (Shenzhen) Co., Ltd.

EMC 部門報告專用章

Stamp only for EMC Dept. Report

Signature: Ken Lu 9/10/10

Ken Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

| Description of Test Item | Standard | Results |
|--|------------------|---------|
| Conducted Emission Test | RSS-210, ISSUE 7 | N/A |
| Radiated Emission Test | RSS-210, ISSUE 7 | PASS |
| Carrier Frequency Separation Test | RSS-210, ISSUE 7 | PASS |
| 20 dB Bandwidth Test | RSS-210, ISSUE 7 | PASS |
| Number Of Hopping Frequency Test | RSS-210, ISSUE 7 | PASS |
| Dwell Time Test | RSS-210, ISSUE 7 | PASS |
| Maximum Peak Output Power Test | RSS-210, ISSUE 7 | PASS |
| Band Edge Compliance Test | RSS-210, ISSUE 7 | PASS |
| 99% BandWidth | RSS-210, ISSUE 7 | PASS |
| N/A is an abbreviation for Not Applicable. | | |

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

| | | |
|---------------------|---|---|
| Product name | : | Wireless Drum Kit Controller for Xbox360 |
| Model Number | : | 95519808 and 95519.808 Note: There is no any difference between this two model. |
| IC | : | 7196A-95519808 |
| Operation frequency | : | 2402MHz~2482MHz |
| Modulation | : | GMSK |
| Power Supply | : | DC 3V (Note: Batteries were full charged for all the test.) |
| Applicant | : | RedOctane, Inc. 444 Castro Street, Suite #140, Mountain View, CA94041,U.S.A. |
| Manufacturer | : | Flextronics Manufacturing (Zhuhai) Co., Ltd. Flextronics Zhuhai Industrial Park, Xin Qing Science & Technology Park, Building 17, Jin An, Doumen, Zhuhai, P.R. China, 519180 |
| Date of Test | : | Aug.12~Sep.01, 2010 |
| Date of Receipt | : | Jul.28, 2010 |
| Sample Type | : | Prototype production |

2.2. Test Facility

Site Description

| | | |
|---------------------------|---|--|
| Name of Firm | : | Audix Technology (Shenzhen) Co., Ltd. No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China |
| 3m Anechoic Chamber | : | Mar.31, 2009 File on Federal Communication Commission Registration Number: 90454 |
| 3m & 10m Anechoic Chamber | : | Dec. 30, 2009 File on Federal Communication Commission Registration Number: 794232 |
| EMC Lab. | : | Accredited by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2009 Accredited by NVLAP, USA NVLAP Code: 200372-0 Apr. 01, 2010 |

2.3. Measurement Uncertainty (95% confidence levels, k=2)

| Test Item | Uncertainty |
|--|--|
| Uncertainty for Radiation Emission test in 3m chamber | 4.20 dB (Polarize: V) |
| | 4.66 dB (Polarize: H) |
| Uncertainty for Radiated Spurious Emission test in RF chamber | 2.70 dB (Bilog antenna 30M~1000MHz) |
| | 2.27 dB (Horn antenna 1000M~12750MHz) |
| Uncertainty for Temperature and humidity test | 2% |
| | 0.3°C |
| Uncertainty for Bandwidth test | 1×10^{-9} |
| Uncertainty for DC power test | 0.038 % |
| Uncertainty for test site temperature and humidity | 0.3°C |
| | 2% |

3. POWER LINE CONDUCTED EMISSION TEST

According to Paragraph (f) of RSS-210, Tests to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

4. RADIATED EMISSION TEST

4.1. Test Equipment

Frequency rang: 30~1000MHz

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|----------------|-----------------|-----------|-----------------|------------|---------------|
| 1 | 3#Chamber | AUDIX | N/A | N/A | Dec.05,09 | 1 Year |
| 2 | EMI Spectrum | Agilent | E4407B | MY41440292 | May.08, 10 | 1 Year |
| 3 | Test Receiver | Rohde & Schwarz | ESVS10 | 834468/011 | May.08, 10 | 1 Year |
| 4 | Amplifier | HP | 8447D | 2648A04738 | May.08, 10 | 1 Year |
| 5 | Bilog Antenna | Schaffner | CBL6111C | 2598 | Dec.14, 09 | 1 Year |
| 6 | RF Cable | MIYAZAKI | 8D-FB | 3# Chamber No.1 | May.08, 10 | 1 Year |
| 7 | Coaxial Switch | Anritsu | MP59B | M73989 | May.08, 10 | 1 Year |

Frequency rang: above 1000MHz

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1 | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08, 10 | 1 Year |
| 2 | Horn Antenna | EMCO | 3115 | 9607-4877 | Nov.25, 09 | 1.5 Year |
| 3 | Horn Antenna | EMCO | 3116 | 00060089 | Nov.25, 09 | 1.5 Year |
| 4 | Amplifier | Agilent | 8449B | 3008A00863 | May.08, 10 | 1 Year |
| 5 | RF Cable | Hubersuhner | SUCOFLEX102 | 28620/2 | May.08, 10 | 1 Year |
| 6 | RF Cable | Hubersuhner | SUCOFLEX102 | 29091/2 | May.08, 10 | 1 Year |

4.2. Block Diagram of Test Setup

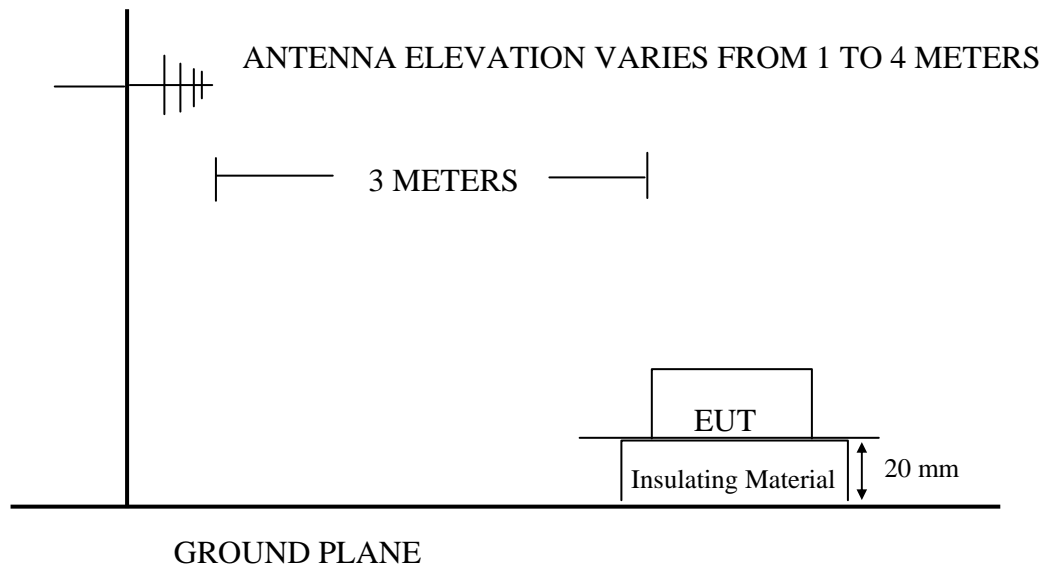
4.2.1. Block diagram of connection between the EUT and simulators



(EUT: Wireless Drum Kit Controller for Xbox360)

4.2.2. In Anechoic Chamber

ANTENNA TOWER



4.3. Radiated Emission Limit

(RSS-210 ISSUE 7 Clause 2.7 Table 2)

| FREQUENCY MHz | DISTANCE Meters | FIELD STRENGTHS LIMIT | |
|------------------|--------------------|---|-----------------------------------|
| | | $\mu\text{V}/\text{m}$ | $\text{dB}(\mu\text{V})/\text{m}$ |
| 30 ~ 88 | 3 | 100 | 40.0 |
| 88 ~ 216 | 3 | 150 | 43.5 |
| 216 ~ 960 | 3 | 200 | 46.0 |
| 960 ~ 1000 | 3 | 500 | 54.0 |
| Above 1000 | 3 | 74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average) | |

Remark : (1) Emission level $\text{dB}\mu\text{V} = 20 \log$ Emission level $\mu\text{V}/\text{m}$

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.4.1. Wireless Drum Kit Controller for Xbox360 (EUT)

Model Number : 95519808
Serial Number : N/A

4.4.2. Support Equipment : As Tested Supporting System Detail, in Section 2.3.

4.5. Operating Condition of EUT

- 4.5.1. Setup the EUT and simulator as shown as Section 4.2.
- 4.5.2. Turned on the power of all equipment.
- 4.5.3. Let the EUT worked in test mode (TX Mode / RX Mode) and test it.

4.6. Test Procedure

EUT and its simulators are placed on 20mm thick insulating material above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz

This device is pulse modulated, a duty cycle factor was used to calculate average level based measured peak level.

The frequency range from 30MHz to 10th harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25 GHz, So the radiated emissions from 18GHz to 25GHz were not record.

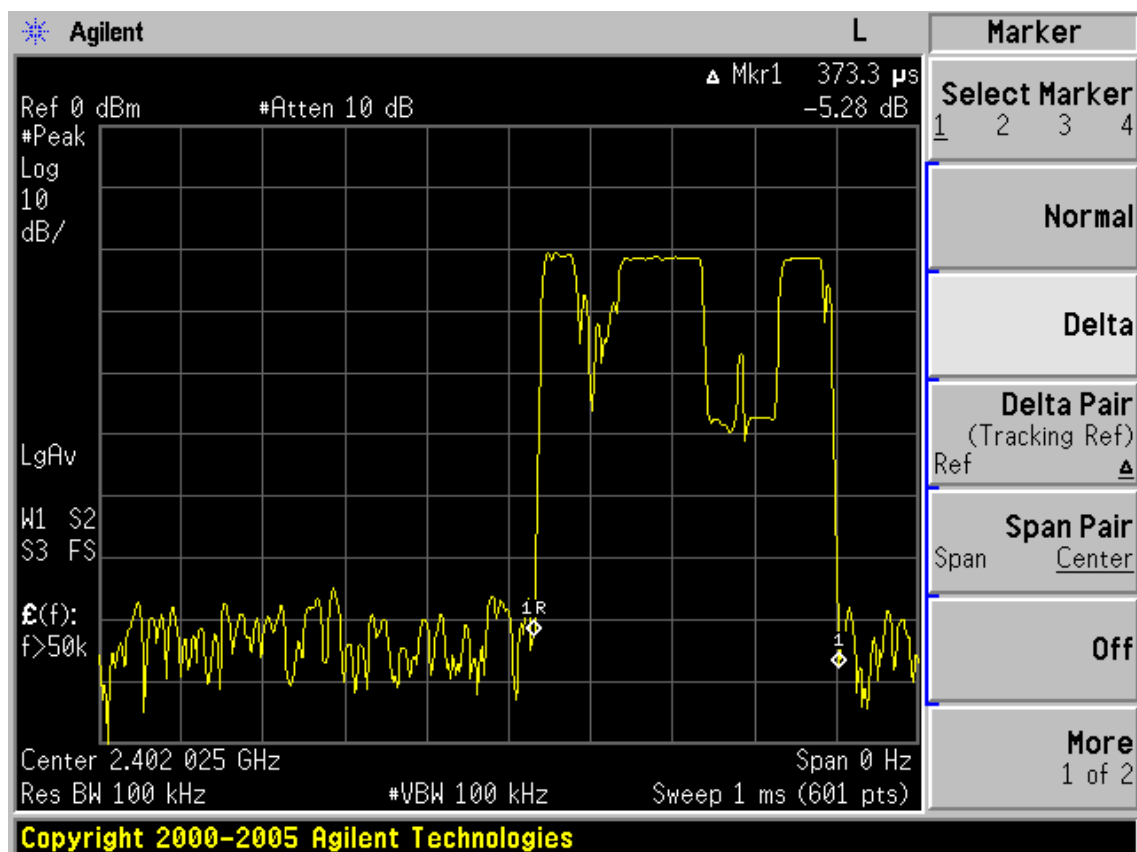
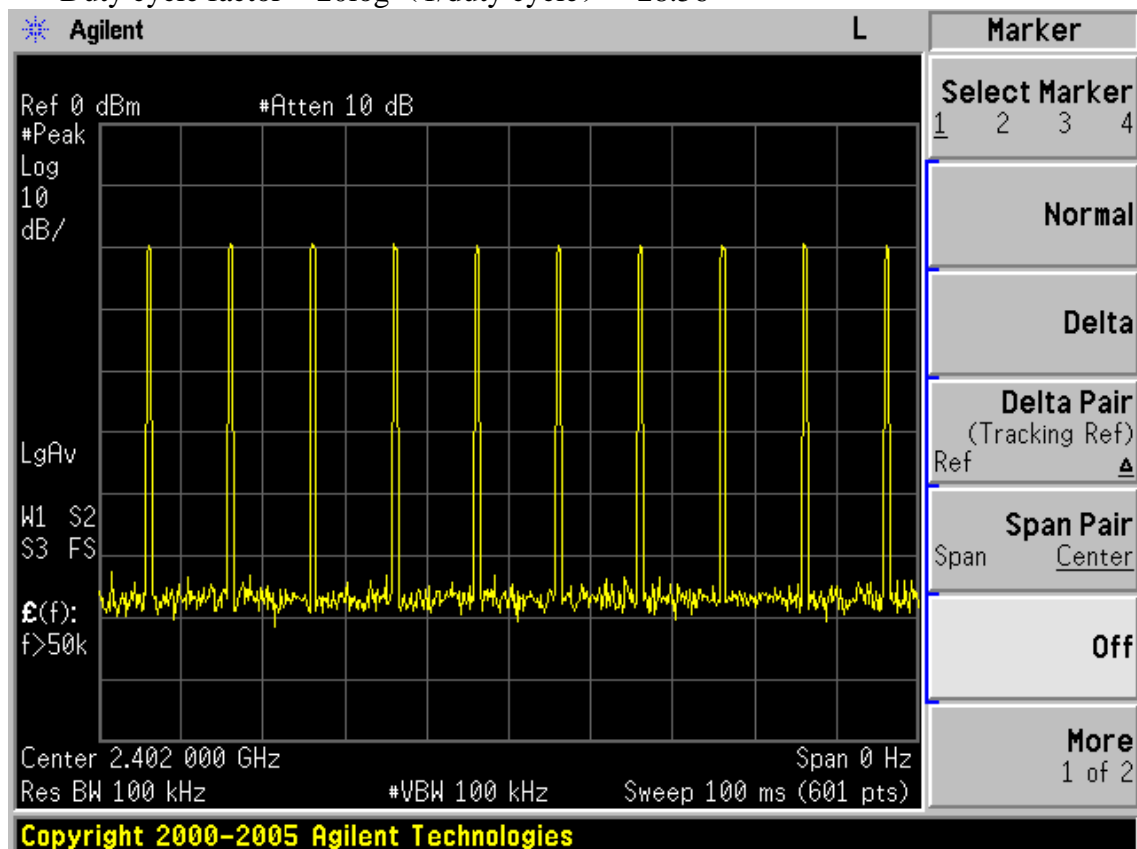
4.7. Radiated Emission Test Results

PASS.

Note: The duty cycle factor for calculate average level is 28.56dB, and average limit is 20dB below peak limit, so if peak measured level comply with peak limit, the average level was deemed to comply with average limit.

Duty cycle: $0.3733\text{ms} \times 10/100\text{ms} \times 100\% = 3.733\%$

Duty cycle factor = $20\log(1/\text{duty cycle}) = 28.56$



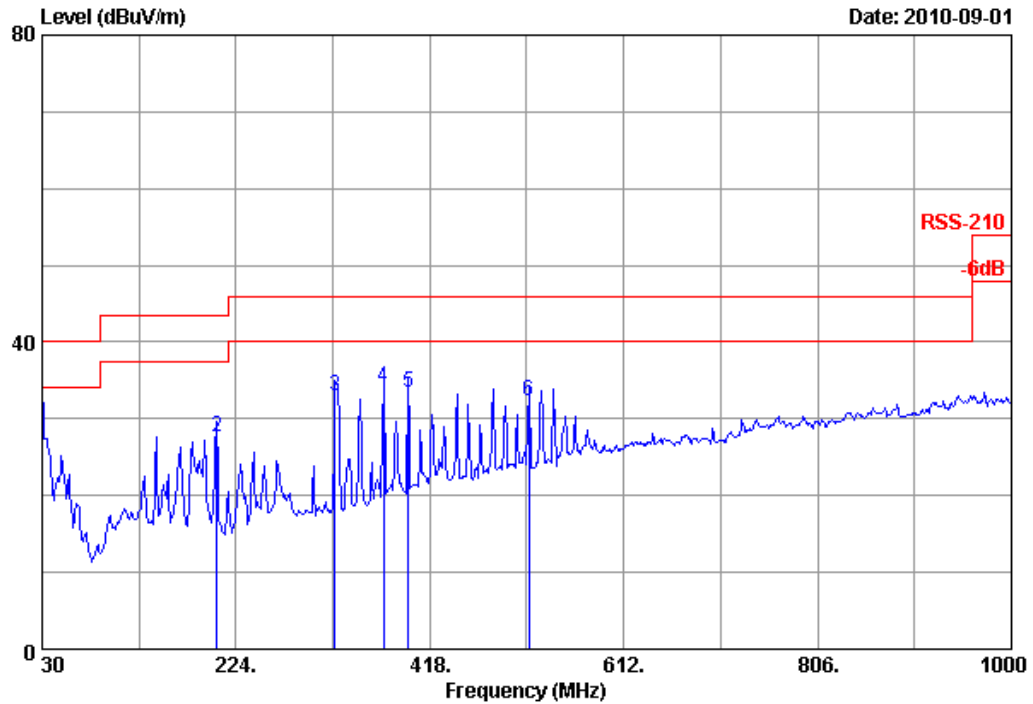
Frequency: 30MHz~1GHz



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Data: 3 File: D:\2010 Report Data\A\ACTIVISION\ACS10QH231.EM6 (4)

Date: 2010-09-01



Site no. : 3m Chamber Data no. : 3
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : RSS-210
Env. / Ins. : 24°C/56% Engineer : Paul Tian
EUT : Wireless Drum Kit Controller for Xbox
Power rating : DC 3V
Test Mode : Tx Mode
76405800

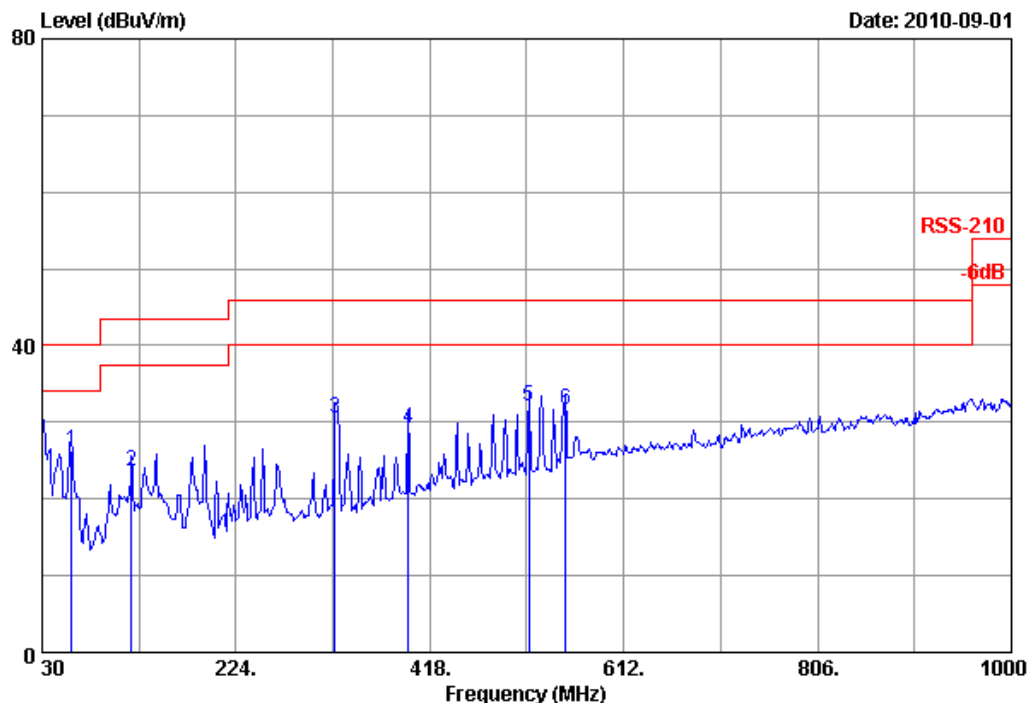
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 30.000 | 20.00 | 0.61 | 11.32 | 31.93 | 40.00 | 8.07 | QP |
| 2 | 204.600 | 10.10 | 1.76 | 15.84 | 27.70 | 43.50 | 15.80 | QP |
| 3 | 322.940 | 14.26 | 2.58 | 16.10 | 32.94 | 46.00 | 13.06 | QP |
| 4 | 371.440 | 15.52 | 2.79 | 15.84 | 34.15 | 46.00 | 11.85 | QP |
| 5 | 396.660 | 16.37 | 2.90 | 14.06 | 33.33 | 46.00 | 12.67 | QP |
| 6 | 516.940 | 18.37 | 3.64 | 10.21 | 32.22 | 46.00 | 13.78 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 4 File: D:\2010 Report Data\A\ACTM\SION\ACS10QH231.EM6 (4)



Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : VERTICAL
Limit : RSS-210
Env. / Ins. : 24°C/56% Engineer : Paul Tian
EUT : Wireless Drum Kit Controller for Xbox
Power rating : DC 3V
Test Mode : Tx Mode
76405800

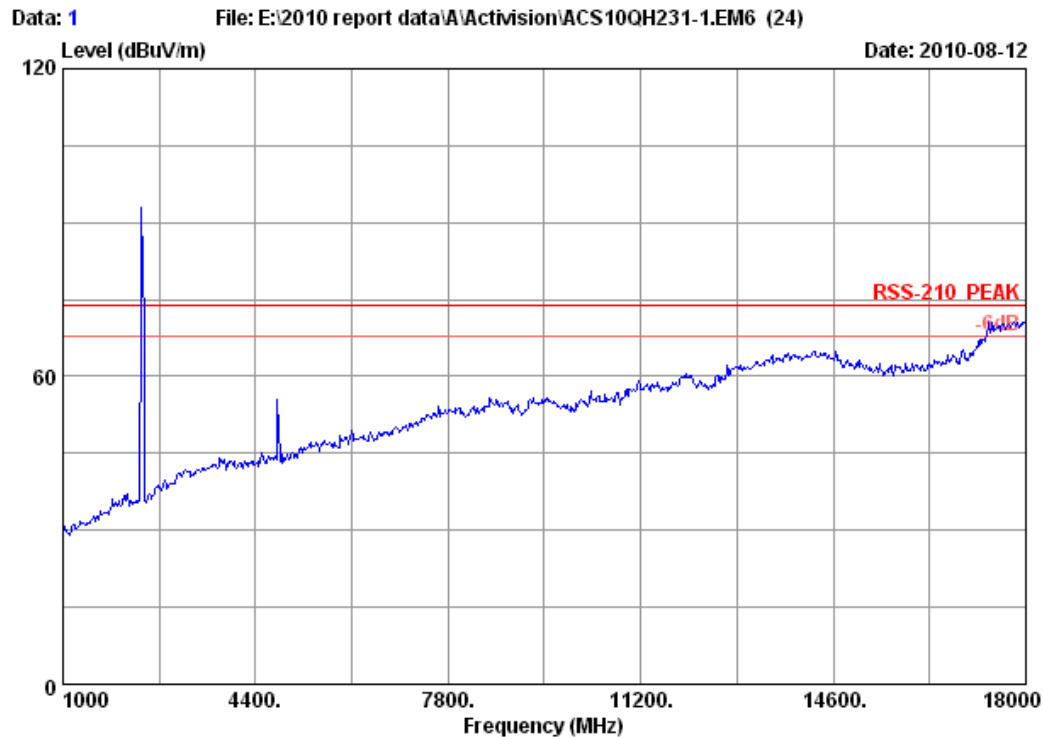
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|-----|----------------|--------------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 59.100 | 6.22 | 0.84 | 19.31 | 26.37 | 40.00 | 13.63 | QP |
| 2 | 119.240 | 11.86 | 1.13 | 10.54 | 23.53 | 43.50 | 19.97 | QP |
| 3 | 322.940 | 14.26 | 2.58 | 13.78 | 30.62 | 46.00 | 15.38 | QP |
| 4 | 396.660 | 16.37 | 2.90 | 9.96 | 29.23 | 46.00 | 16.77 | QP |
| 5 | 516.940 | 18.37 | 3.64 | 10.04 | 32.05 | 46.00 | 13.95 | QP |
| 6 | 553.800 | 19.32 | 3.85 | 8.38 | 31.55 | 46.00 | 14.45 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Frequency: 1GHz~18GHz
Tx Mode



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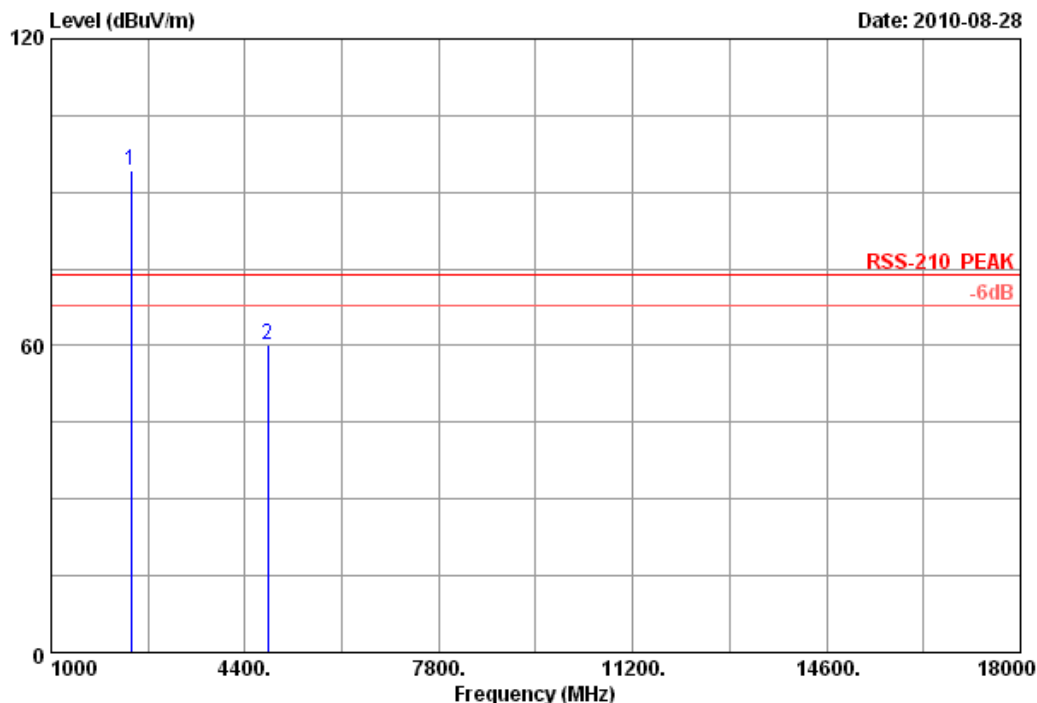


| | | | |
|-------------|---|-----------|------------|
| Site no. | : 10m Chamber | Data no. | : 1 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : VERTICAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2402MHz | | |
| M/N | : 95519808 | | |



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Site no. : 10m Chamber Data no. : 2
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Tx 2402MHz
M/N : 95519808

| | Ant. | Cable | Amp. | | Emission | | | | |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 2402.000 | 29.44 | 7.43 | 36.62 | 94.06 | 94.31 | 74.00 | -20.31 | Peak | |
| 2 4804.000 | 34.30 | 10.62 | 35.10 | 50.26 | 60.08 | 74.00 | 13.92 | Peak | |

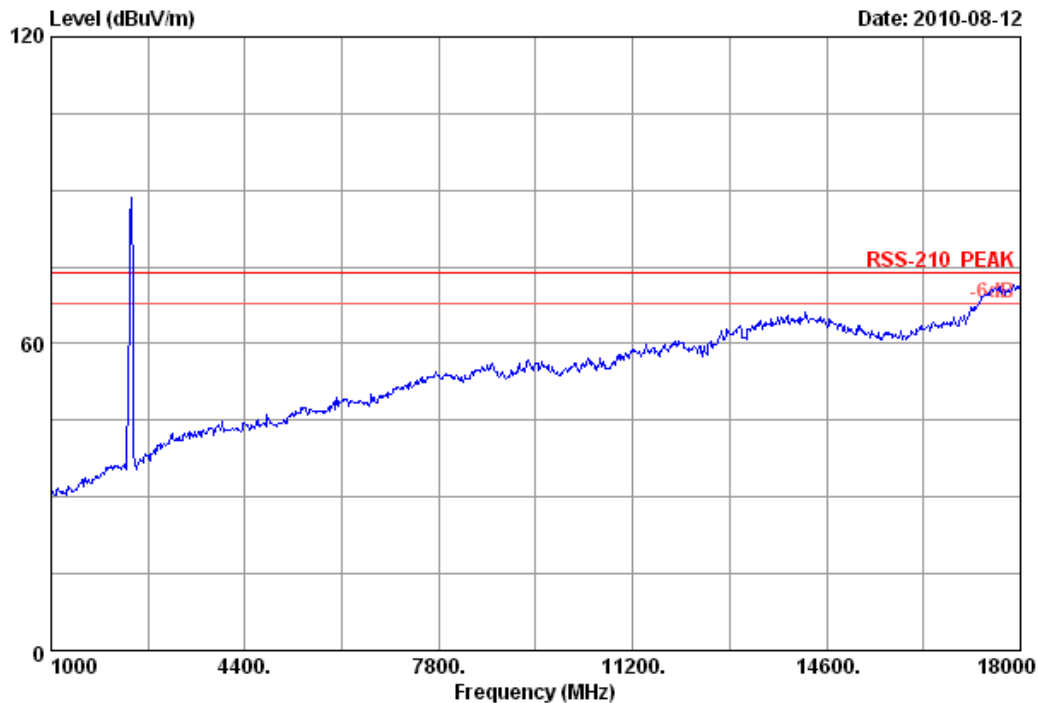
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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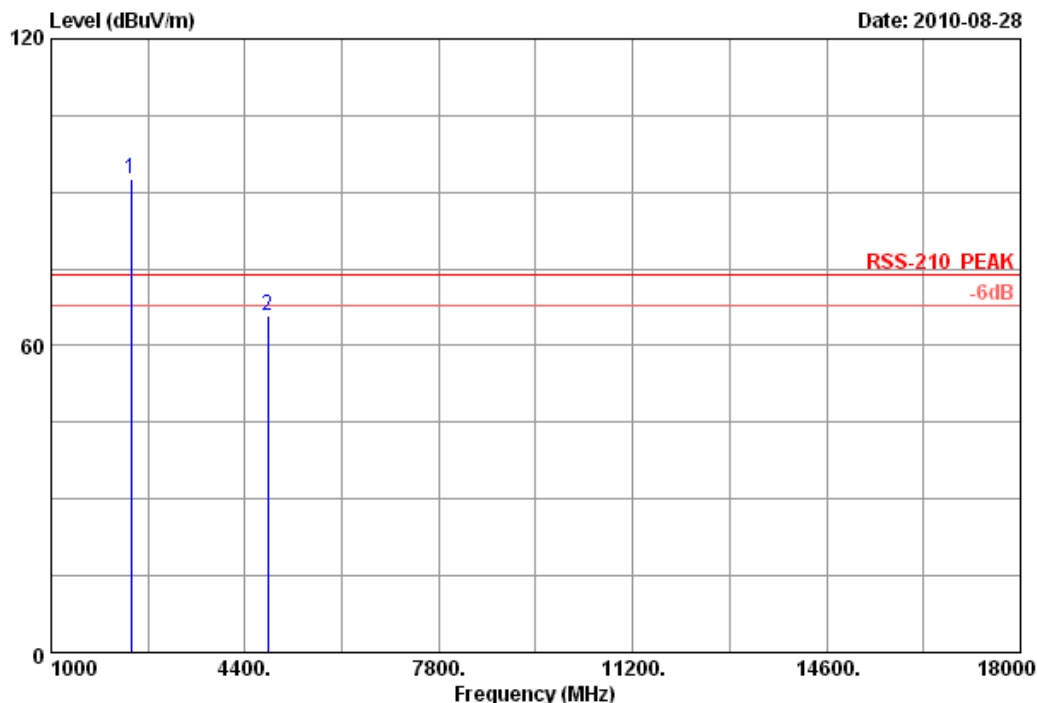


| | | | |
|-------------|---|-----------|--------------|
| Site no. | : 10m Chamber | Data no. | : 3 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : HORIZONTAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2402MHz | | |
| M/N | : 95519808 | | |



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| | | | |
|-------------|---|-----------|--------------|
| Site no. | : 10m Chamber | Data no. | : 4 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : HORIZONTAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2402MHz | | |
| M/N | : 95519808 | | |

| | Ant. | Cable | Amp. | | Emission | | | | |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 2402.000 | 29.44 | 7.43 | 36.62 | 92.19 | 92.44 | 74.00 | -18.44 | Peak | |
| 2 4804.000 | 34.30 | 10.62 | 35.10 | 56.19 | 66.01 | 74.00 | 7.99 | Peak | |

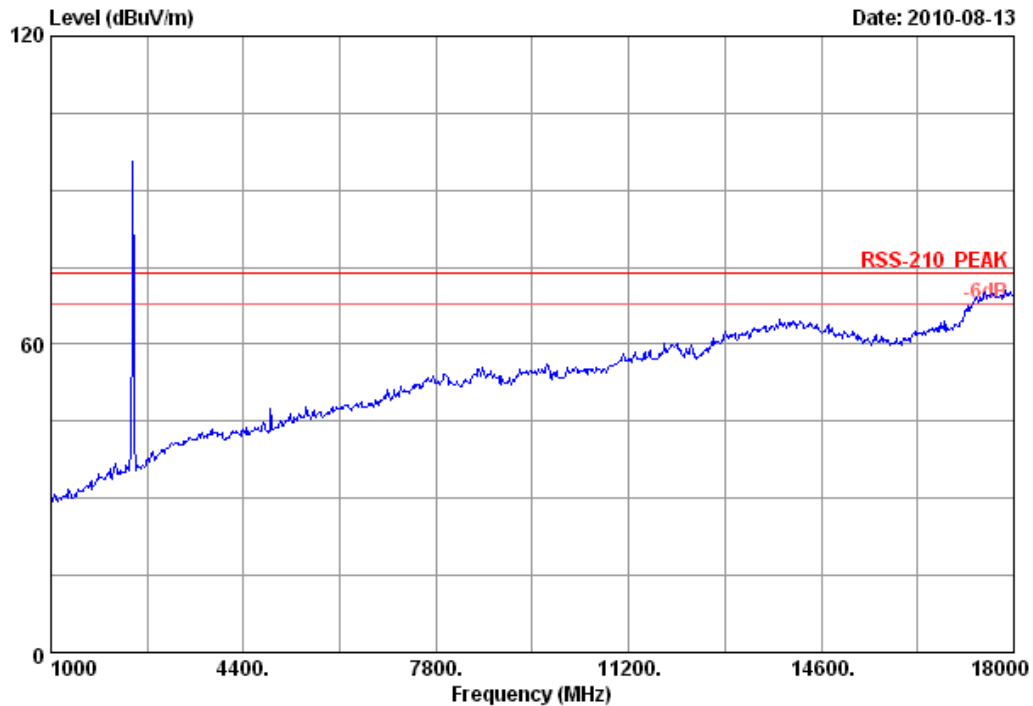
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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| | | | |
|-------------|---|-----------|--------------|
| Site no. | : 10m Chamber | Data no. | : 7 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : HORIZONTAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2442MHz | | |
| M/N | : 95519808 | | |

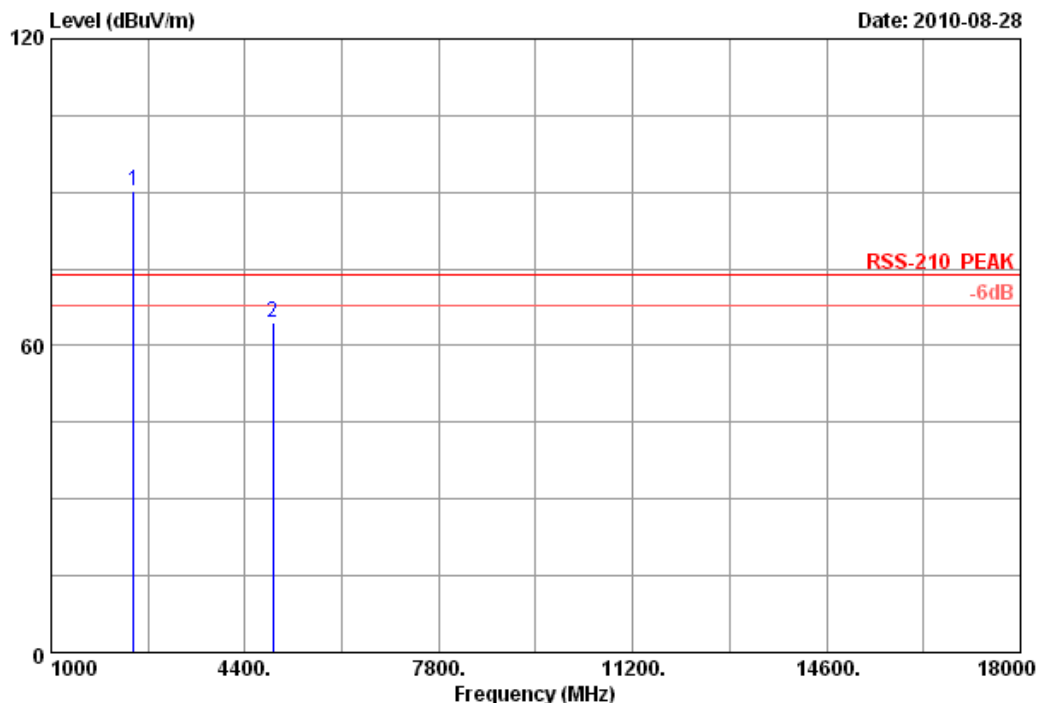


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Data: 8

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-28



Site no. : 10m Chamber Data no. : 8
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Tx 2442MHz
M/N : 95519808

| | Ant. | Cable | Amp. | | Emission | | | | |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 2442.000 | 29.47 | 7.50 | 36.61 | 89.76 | 90.12 | 74.00 | -16.12 | Peak | |
| 2 4884.000 | 34.41 | 10.71 | 35.03 | 54.29 | 64.38 | 74.00 | 9.62 | Peak | |

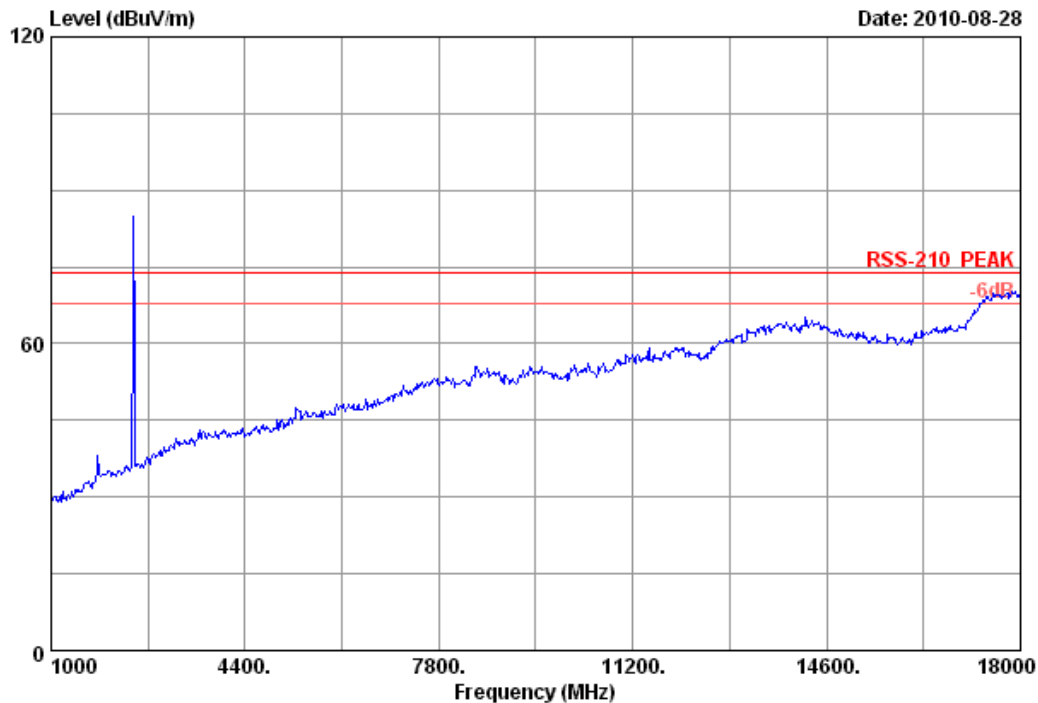
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)



| | | | |
|-------------|---|-----------|------------|
| Site no. | : 10m Chamber | Data no. | : 9 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : VERTICAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2442MHz | | |
| M/N | : 95519808 | | |

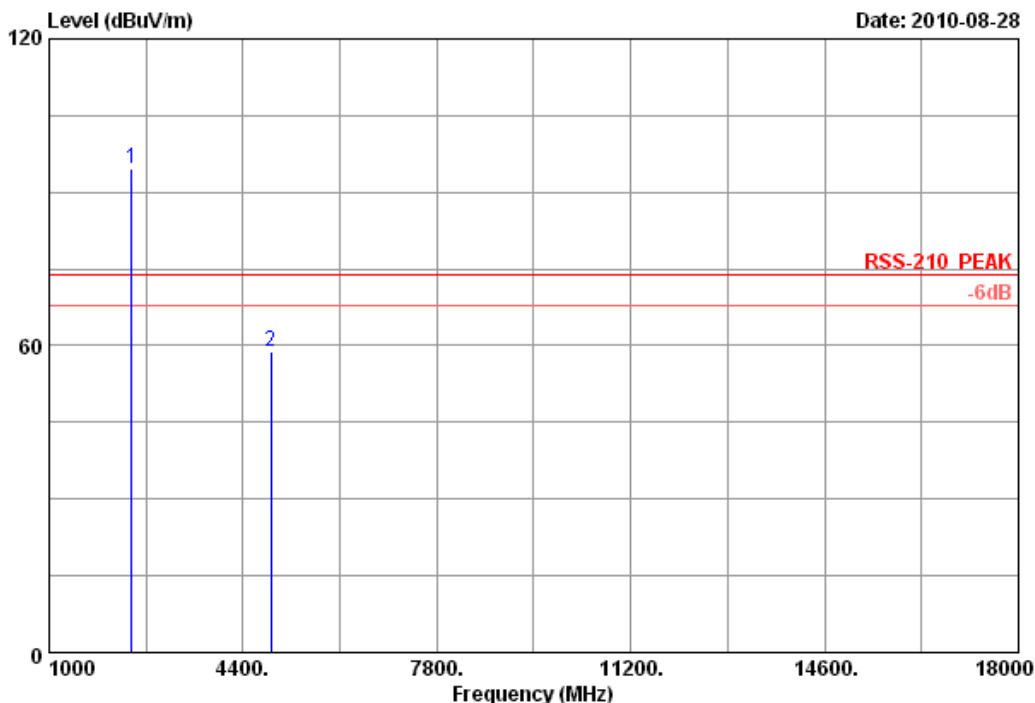


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Data: 10

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-28



Site no. : 10m Chamber Data no. : 10
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Tx 2442MHz
M/N : 95519808

| | Ant. | Cable | Amp. | | Emission | | | | |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 2442.000 | 29.47 | 7.50 | 36.61 | 94.16 | 94.52 | 74.00 | -20.52 | Peak | |
| 2 4884.000 | 34.41 | 10.71 | 35.03 | 48.64 | 58.73 | 74.00 | 15.27 | Peak | |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

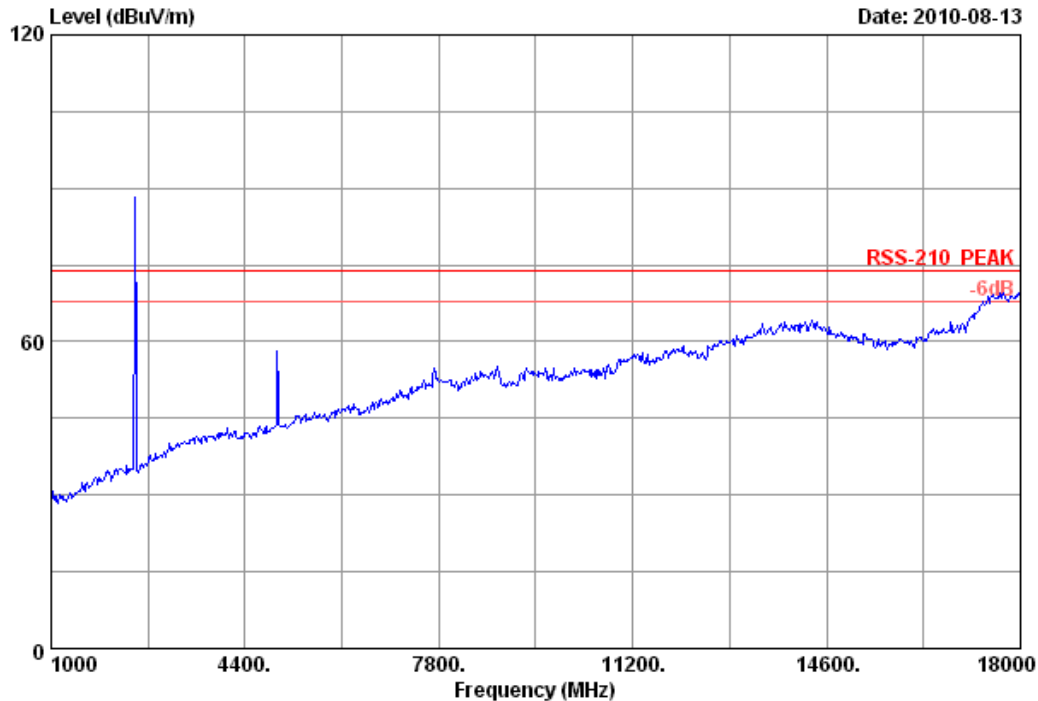


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Data: 11

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-13



| | | | |
|-------------|---|-----------|--------------|
| Site no. | : 10m Chamber | Data no. | : 11 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : HORIZONTAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2482MHz | | |
| M/N | : 95519808 | | |

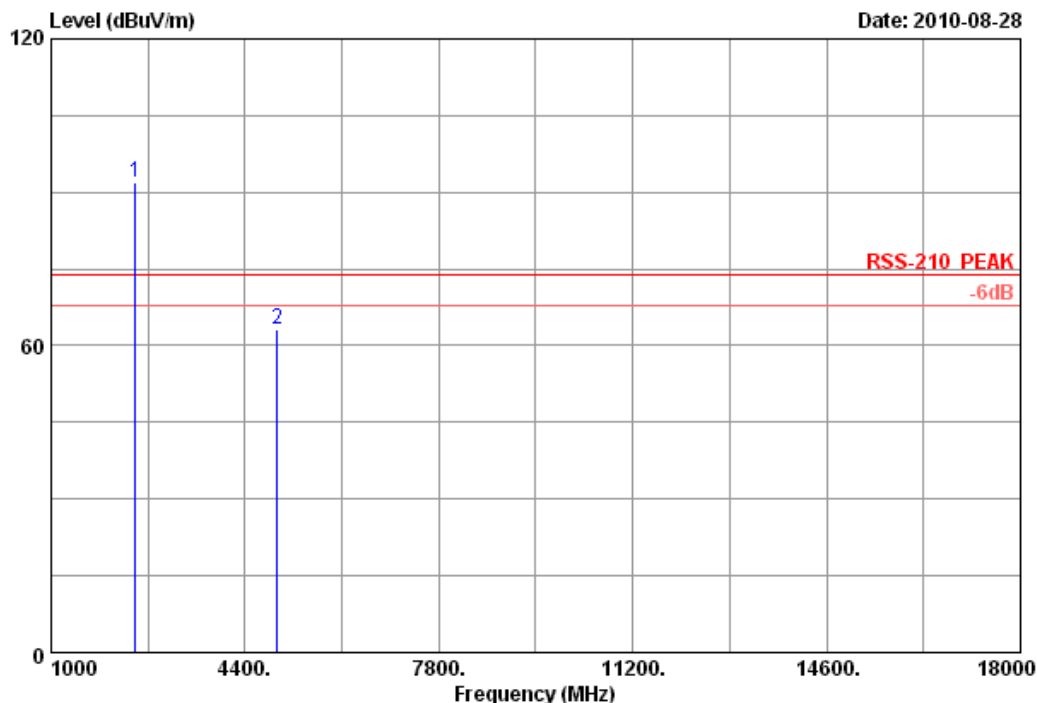


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Data: 12

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-28



Site no. : 10m Chamber Data no. : 12
 Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
 Limit : RSS-210 PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : Wireless Drum Kit Controller for Xbox 360
 Power : DC 3V
 Test mode : Tx 2482MHz
 M/N : 95519808

| | Ant. | Cable | Amp. | | Emission | | | | |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 2482.000 | 29.49 | 7.58 | 36.60 | 91.42 | 91.89 | 74.00 | -17.89 | Peak | |
| 2 4964.000 | 34.54 | 10.80 | 34.95 | 52.69 | 63.08 | 74.00 | 10.92 | Peak | |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

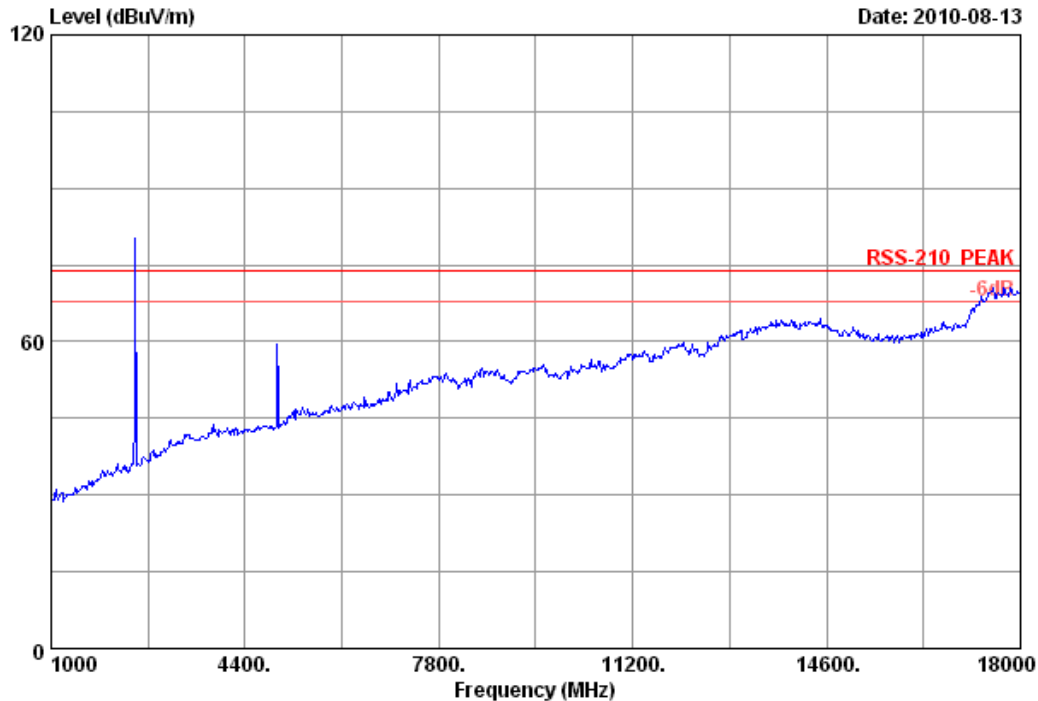


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Data: 13

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-13



| | | | |
|-------------|---|-----------|------------|
| Site no. | : 10m Chamber | Data no. | : 13 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : VERTICAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2482MHz | | |
| M/N | : 95519808 | | |

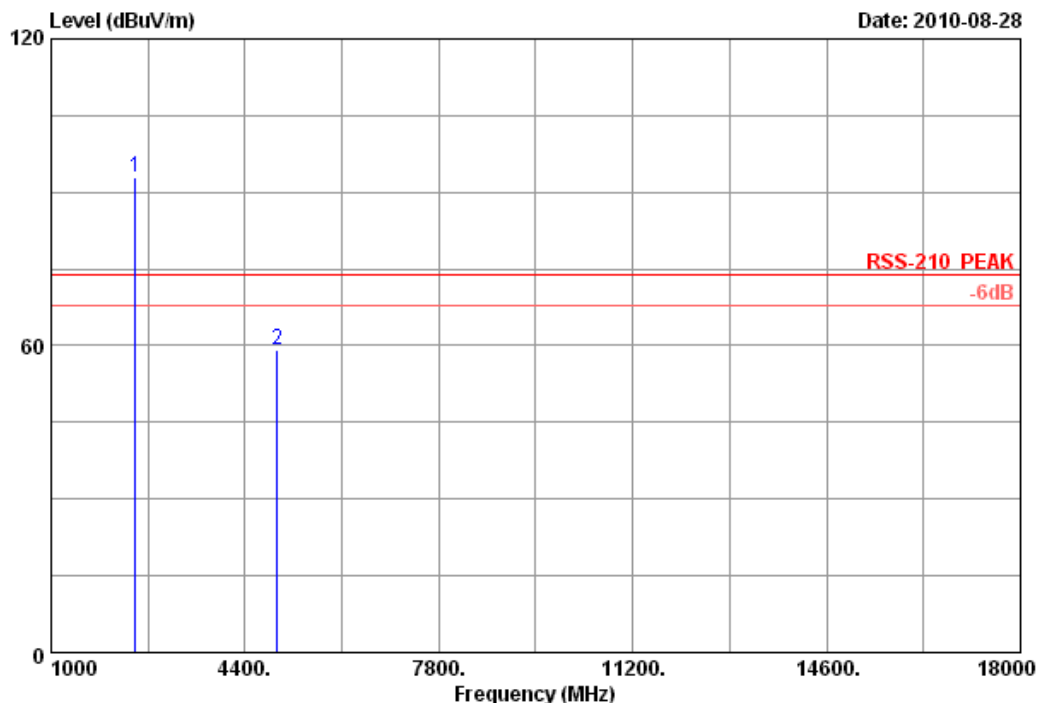


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Data: 14

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-28



Site no. : 10m Chamber Data no. : 14
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Tx 2482MHz
M/N : 95519808

| | Ant. | Cable | Amp. | | Emission | | | | |
|------------|--------|-------|--------|---------|----------|----------|--------|--------|--|
| Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 2482.000 | 29.49 | 7.58 | 36.60 | 92.54 | 93.01 | 74.00 | -19.01 | Peak | |
| 2 4964.000 | 34.54 | 10.80 | 34.95 | 48.67 | 59.06 | 74.00 | 14.94 | Peak | |

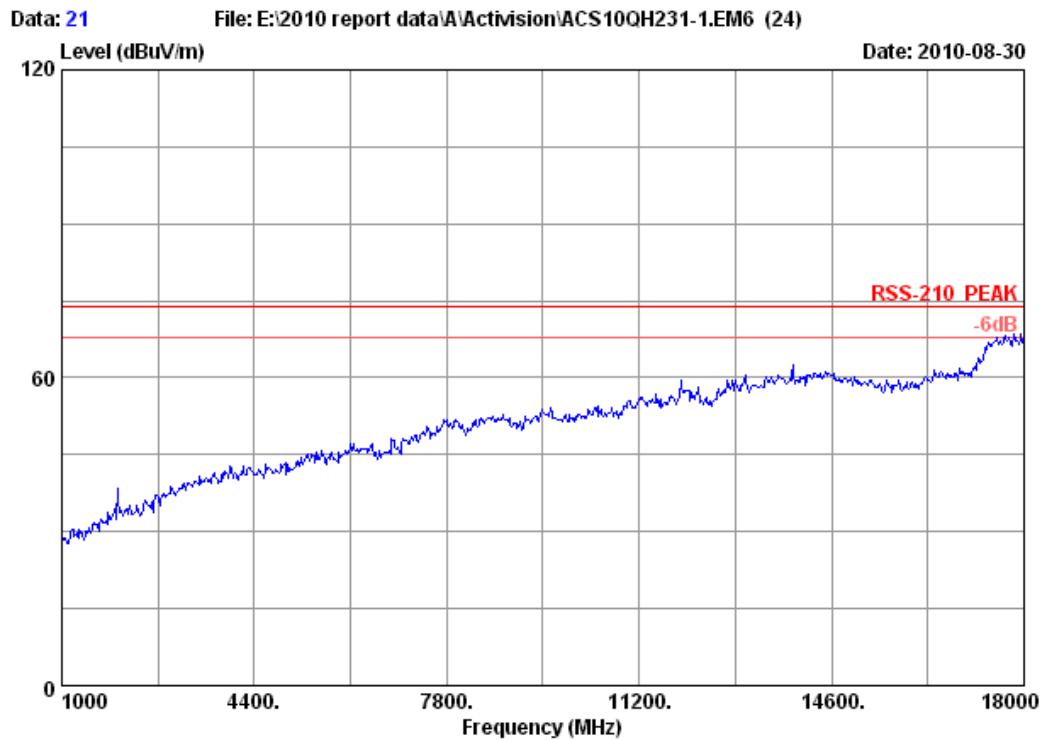
Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Rx Mode



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| | | | |
|-------------|---|-----------|--------------|
| Site no. | : 10m Chamber | Data no. | : 21 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : HORIZONTAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Rx Mode | | |
| M/N | : 95519808 | | |

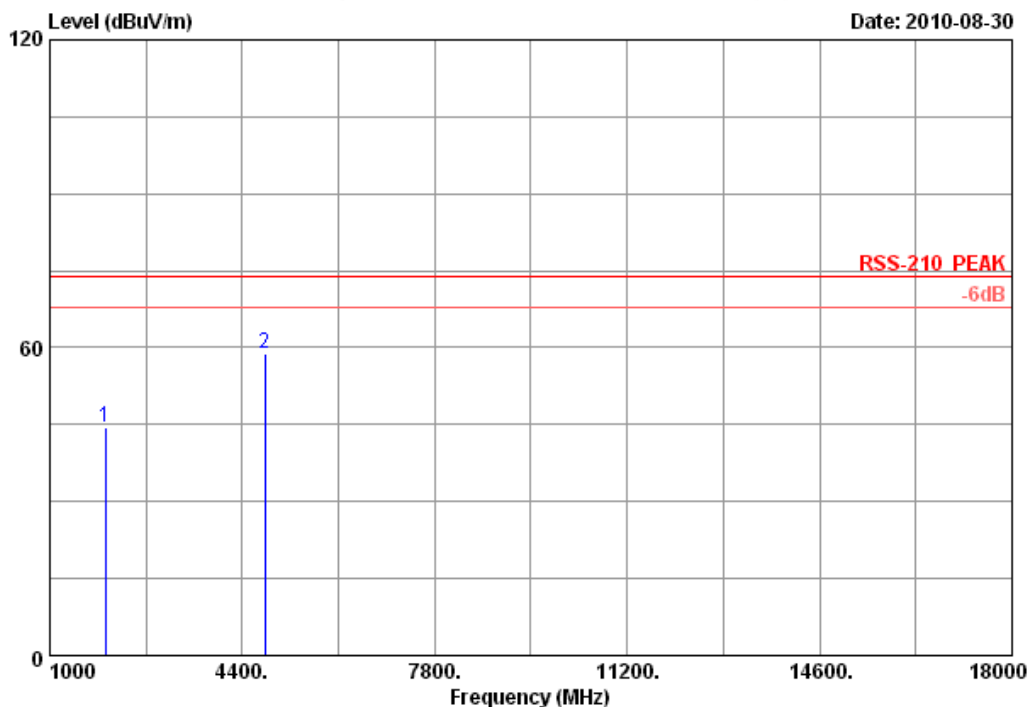


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Data: 22

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-30



Site no. : 10m Chamber Data no. : 22
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Rx Mode
M/N : 95519808

| | | Ant. | Cable | Amp. | | Emission | | | |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
| | Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark |
| | (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1986.000 | 29.11 | 6.63 | 36.70 | 45.43 | 44.47 | 74.00 | 29.53 | Peak |
| 2 | 4804.000 | 34.30 | 10.62 | 35.10 | 48.93 | 58.75 | 74.00 | 15.25 | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

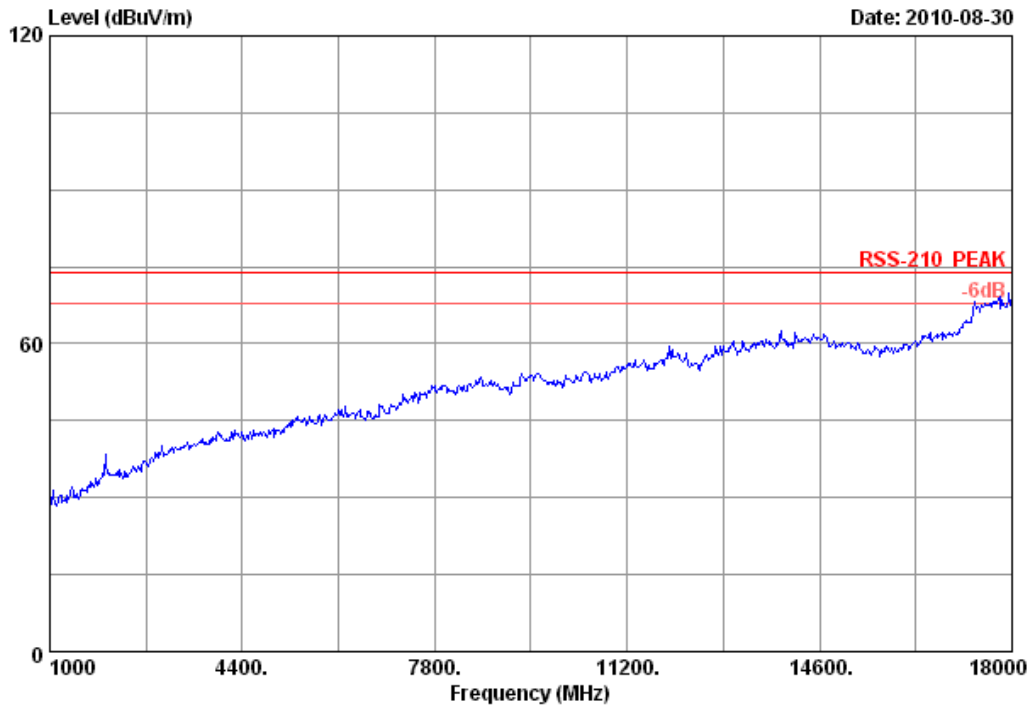


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Data: 23

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-30



| | | | |
|-------------|---|-----------|--------------|
| Site no. | : 10m Chamber | Data no. | : 23 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : HORIZONTAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Rx Mode | | |
| M/N | : 95519808 | | |

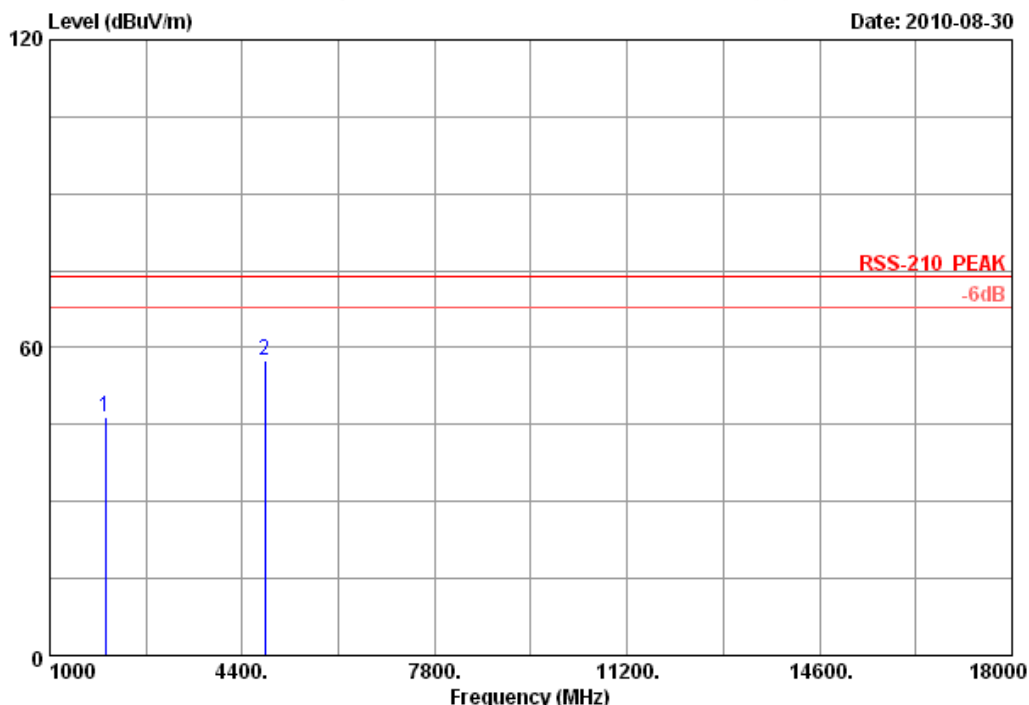


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Data: 24

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-30



Site no. : 10m Chamber Data no. : 24
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Rx Mode
M/N : 95519808

| | | Ant. | Cable | Amp. | | Emission | | | |
|---|----------|--------|-------|--------|---------|----------|----------|--------|--------|
| | Freq. | Factor | loss | Factor | Reading | Level | Limits | Margin | Remark |
| | (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 1986.000 | 29.11 | 6.63 | 36.70 | 47.43 | 46.47 | 74.00 | 27.53 | Peak |
| 2 | 4804.000 | 34.30 | 10.62 | 35.10 | 47.57 | 57.39 | 74.00 | 16.61 | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

5. CARRIER FREQUENCY SEPARATION TEST

5.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-----------|------------|------------|---------------|
| 1 | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08, 10 | 1 Year |

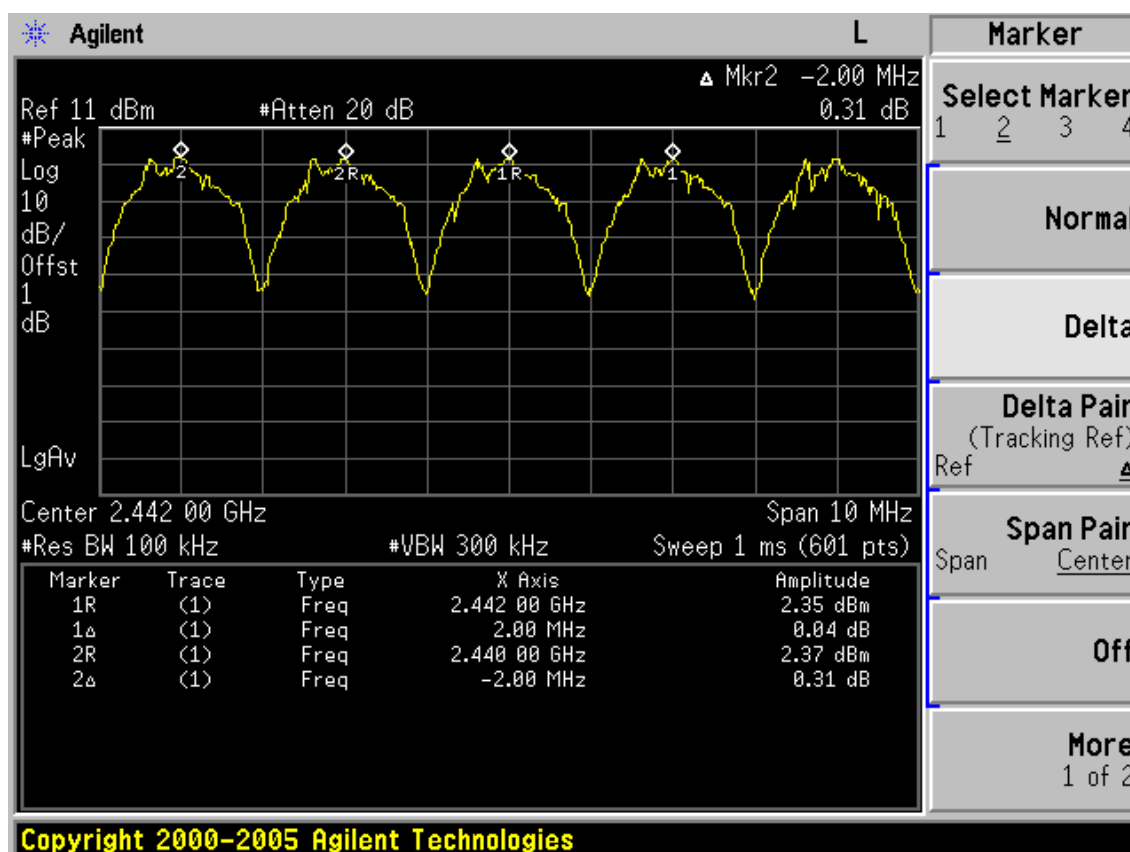
5.2. Limit

Frequency hopping systems shall have hopping channel carrier frequency separated by a minimum of 25kHz or the 20dB bandwidth of the hopping channel, whichever is greater. Alternatively, 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, provided the systems operate with an output power no greater than 125 mW.

5.3. Test Results

| | | |
|--|--------------------|-------------------|
| EUT: Wireless Drum Kit Controller for Xbox 360 | | |
| M/N: 95519808 | | |
| Test date:2010-08-16 | Pressure:100.6 kpa | Humidity:53% |
| Tested by:Paul Tian | Test site: RF site | Temperature:25 °C |

| Channel separation | Conclusion |
|--------------------|------------|
| 2.00MHz | PASS |



6. 20dB Bandwidth Test

6.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-----------|------------|------------|---------------|
| 1. | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08, 10 | 1 Year |

6.2. Limit

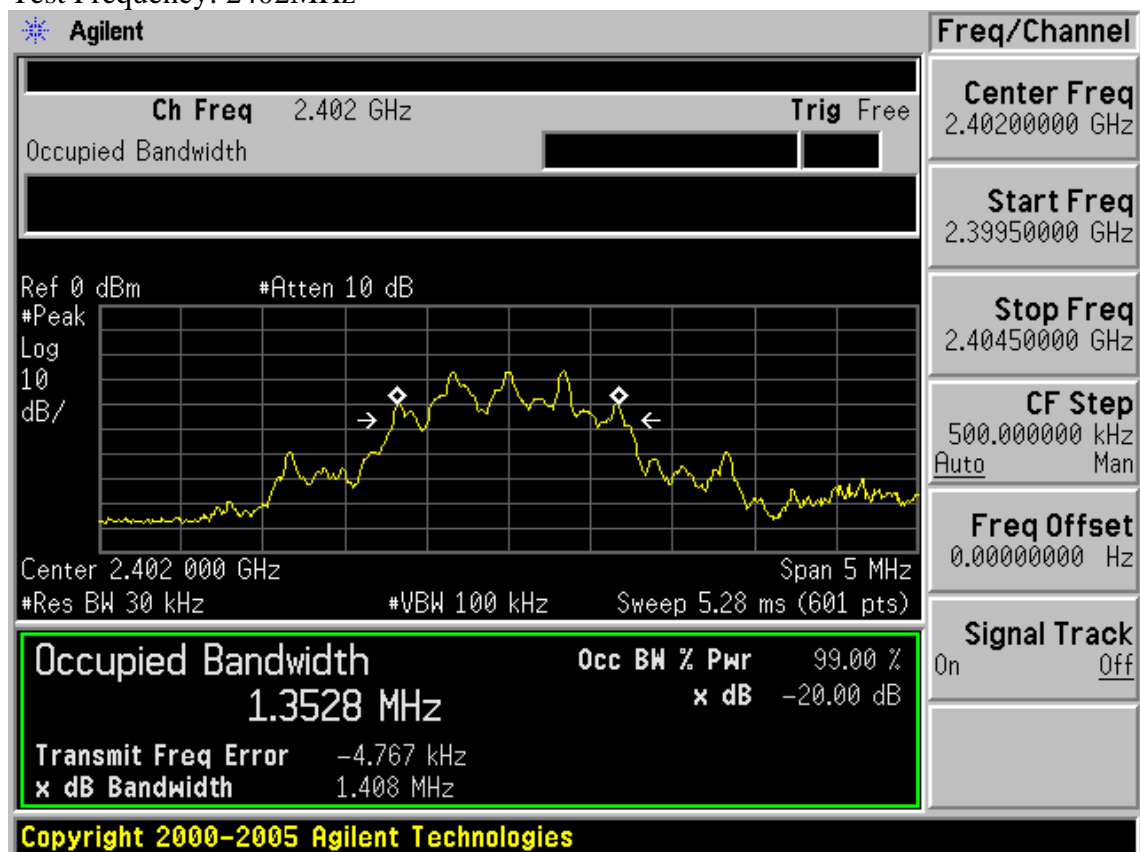
The transmitter output was coupled to a spectrum analyzer via a antenna. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

6.3. Test Results

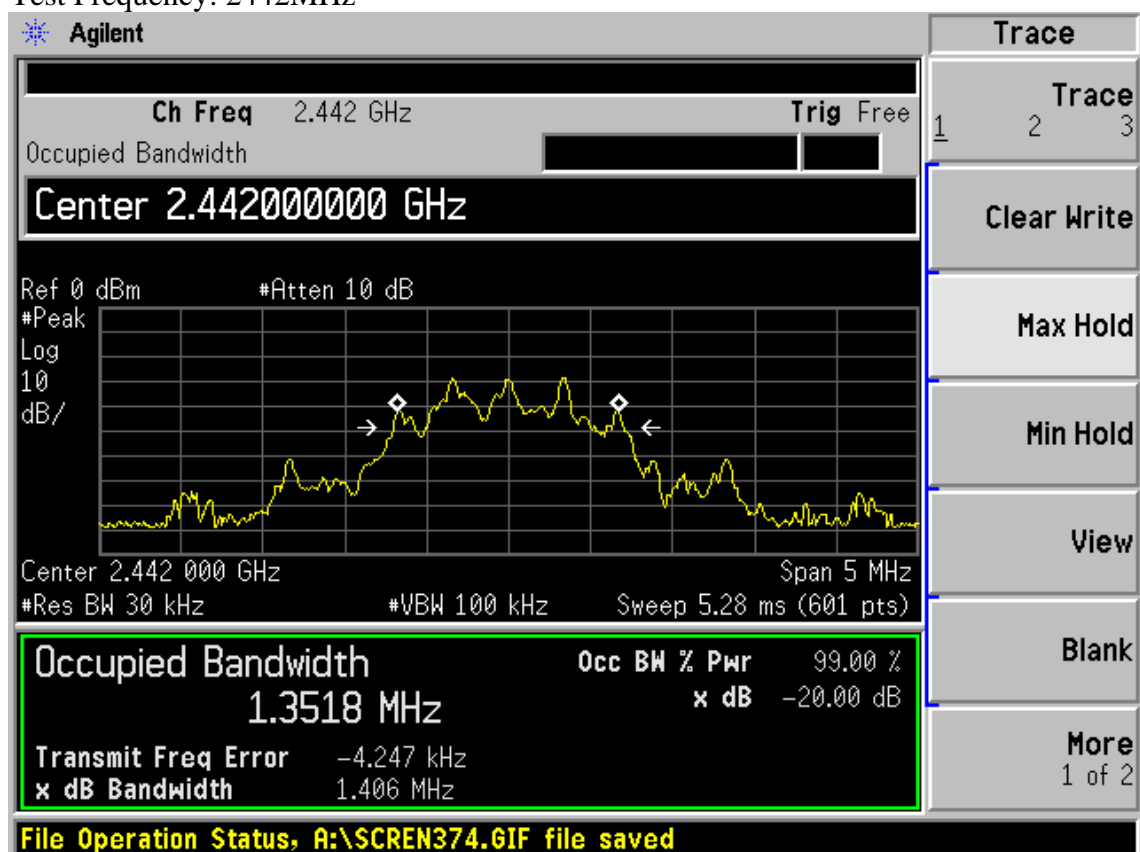
| | | |
|--|--------------------|--------------------|
| EUT: Wireless Drum Kit Controller for Xbox 360 | | |
| M/N: 95519808 | | |
| Test date:2010-08-27 | Pressure:100.5 kpa | Humidity:57 % |
| Tested by:Paul Tian | Test site: RF site | Temperature: 25 °C |

| Frequency | 20% bandwidth (KHz) | Limit (KHz) |
|------------------|---------------------|-------------|
| 2402 | 1408 | N/A |
| 2442 | 1406 | N/A |
| 2482 | 1404 | N/A |
| Conclusion: PASS | | |

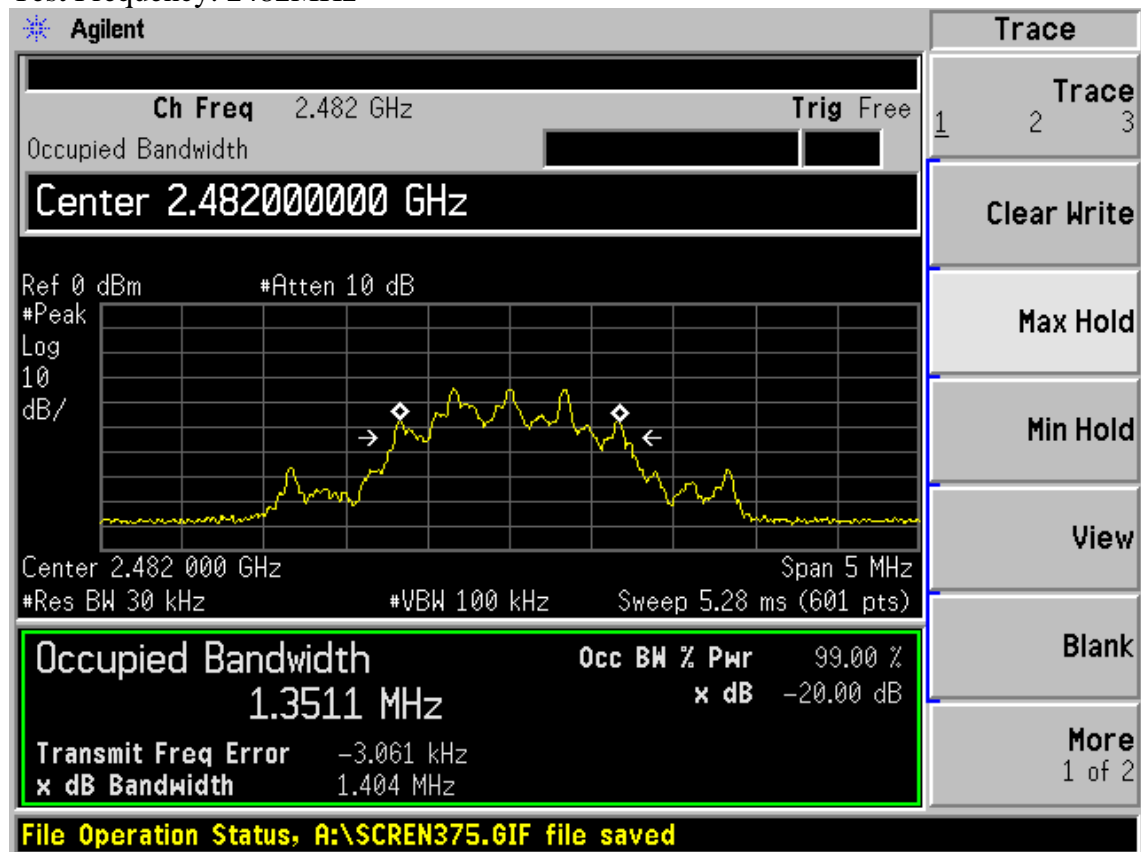
Test Frequency: 2402MHz



Test Frequency: 2442MHz



Test Frequency: 2482MHz



7. NUMBER OF HOPPING FREQUENCY TEST

7.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-----------|------------|-------------|---------------|
| 1 | Spectrum Analyzer | Agilent | E4446A | US44300459 | May, 08, 10 | 1 Year |

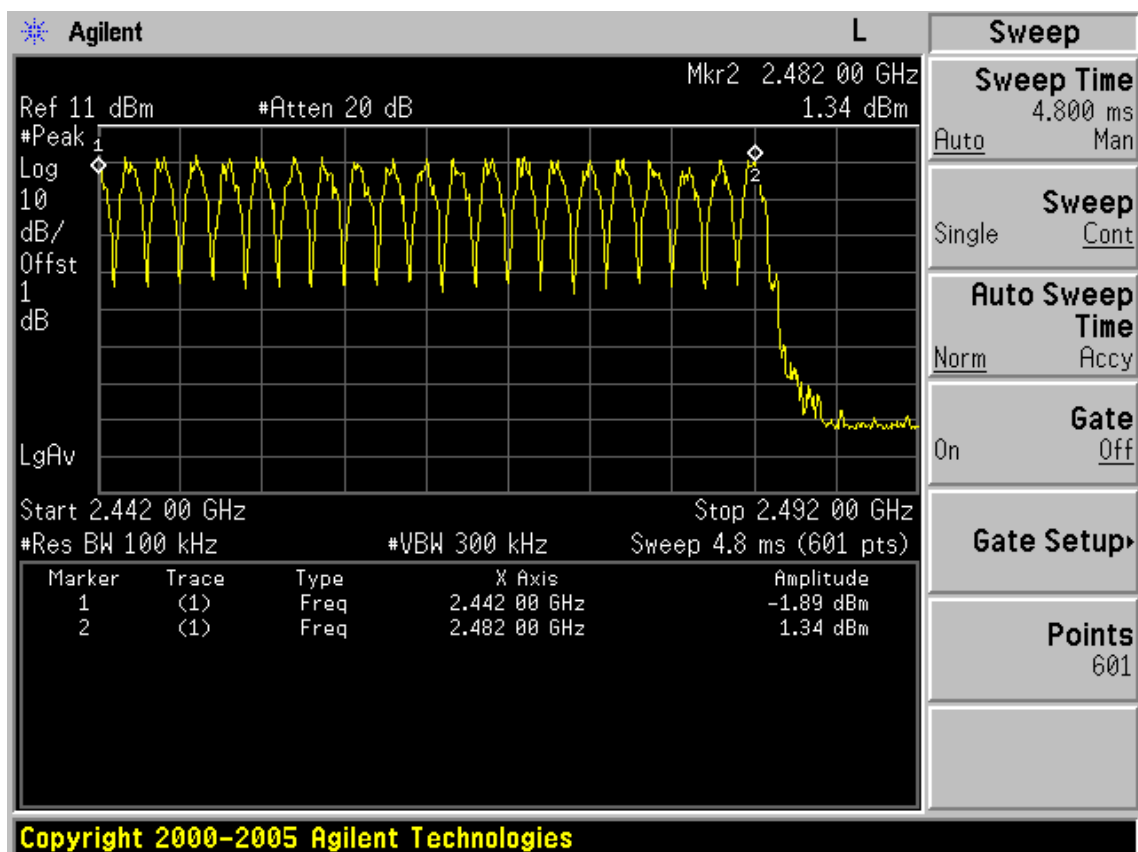
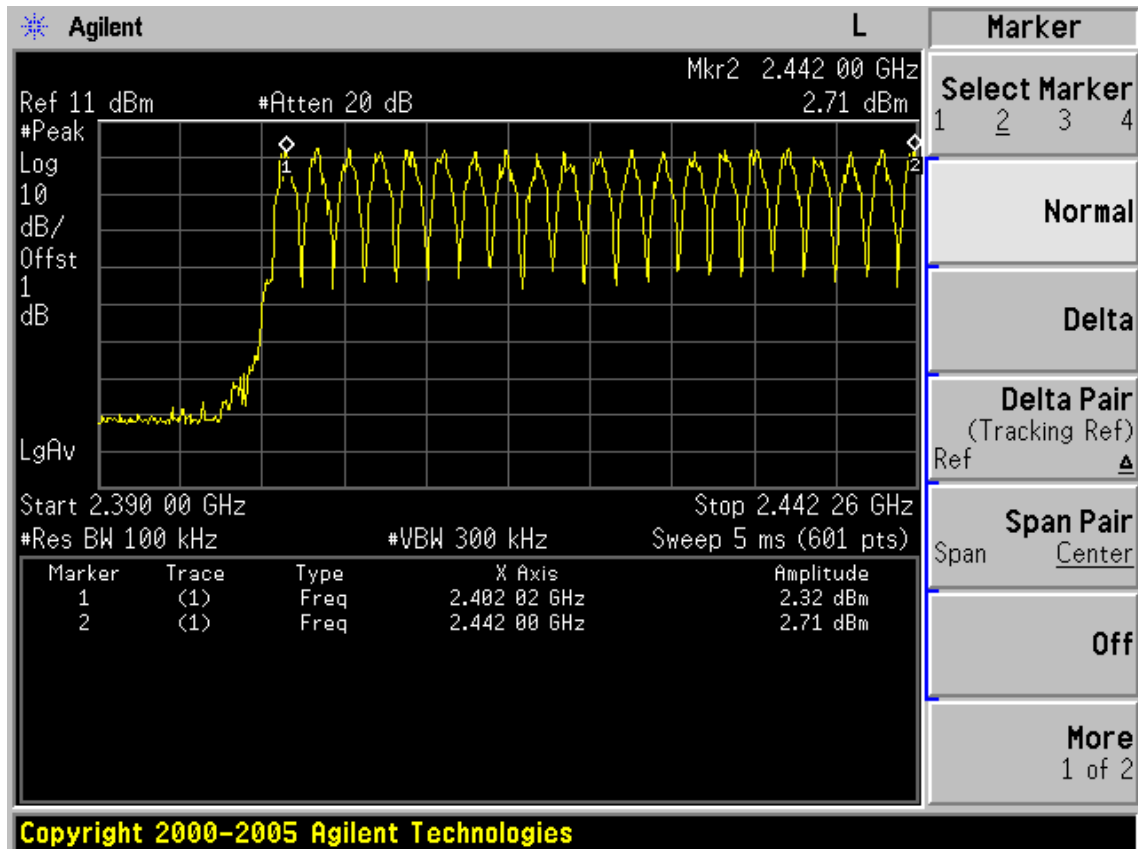
7.2. Limit

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels

7.3. Test Results

| | | |
|--|--------------------|-------------------|
| EUT: Wireless Drum Kit Controller for Xbox 360 | | |
| M/N: 95519808 | | |
| Test date:2010-08-16 | Pressure:100.6 kpa | Humidity:53% |
| Tested by:Paul Tian | Test site: RF site | Temperature:25 °C |

| Number of channel | Limit | Conclusion |
|-------------------|-----------|------------|
| 41 | ≥ 15 | PASS |



8. DWELL TIME TEST

8.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-----------|------------|-------------|---------------|
| 1 | Spectrum Analyzer | Agilent | E4446A | US44300459 | May, 08, 10 | 1 Year |

8.2. Limit

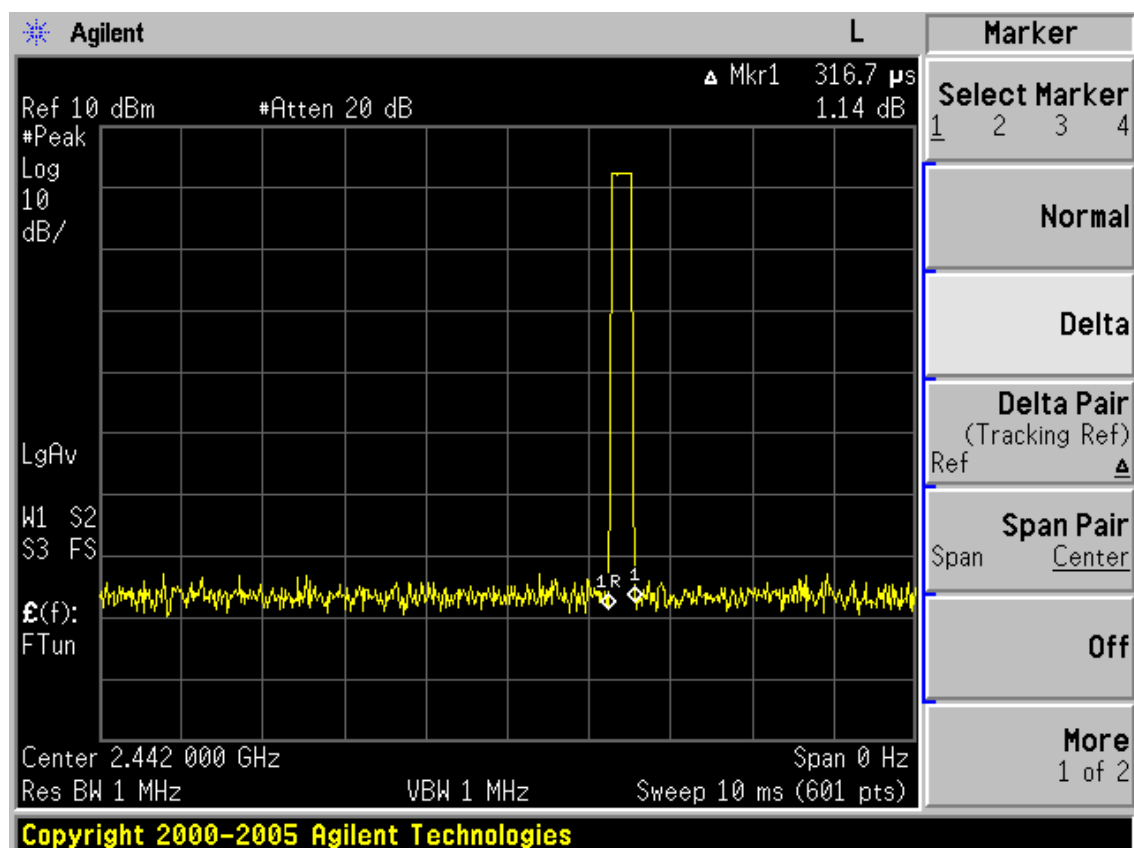
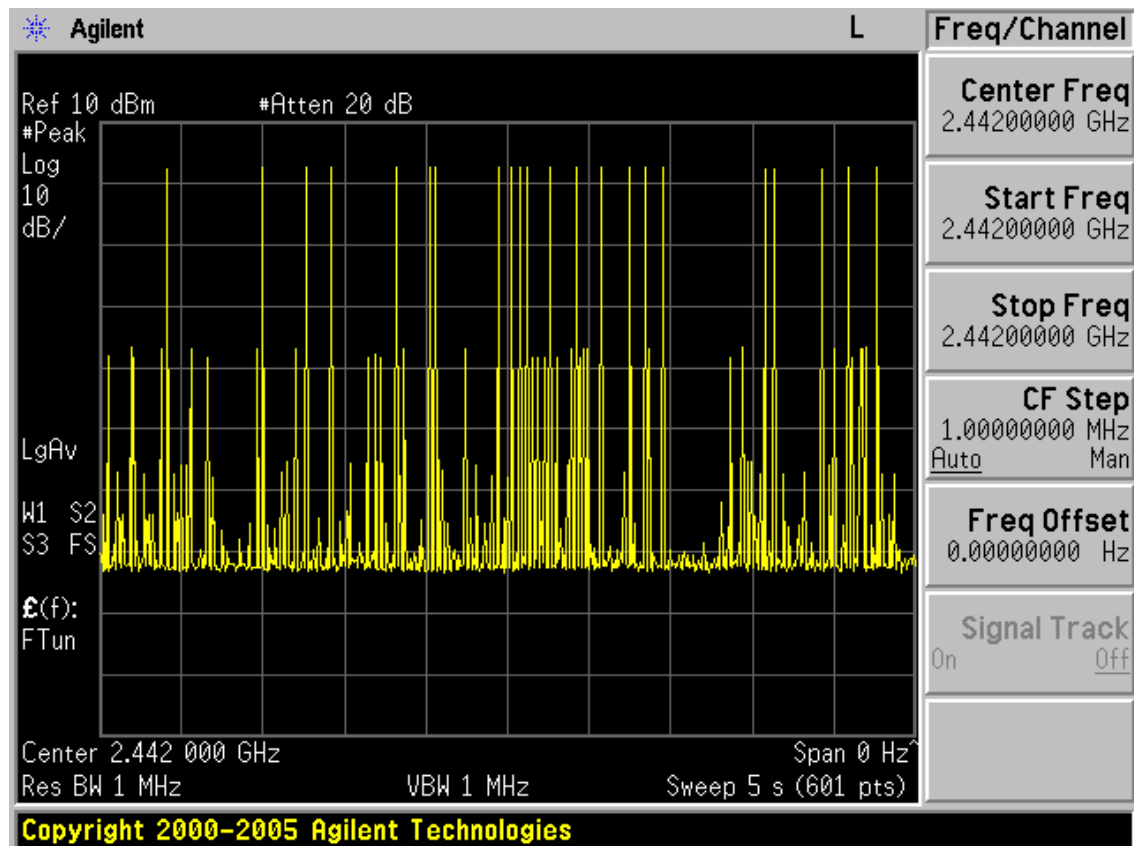
The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

8.3. Test Results

| | | |
|--|--------------------|-------------------|
| EUT: Wireless Drum Kit Controller for Xbox 360 | | |
| M/N: 95519808 | | |
| Test date:2010-08-16 | Pressure:100.6 kpa | Humidity:53% |
| Tested by:Paul Tian | Test site: RF site | Temperature:25 °C |

| dwll time | Limit | Conclusion |
|---|--------|------------|
| $22\text{hops}/5\text{s} \times 0.4 \times 41\text{chanel} \times 0.3167\text{ms} = 22.85\text{ms}$ | <400ms | PASS |

Note: All the lower levels were signal from receiver's, and should not considered in here.



9. MAXIMUM PEAK OUTPUT POWER TEST

9.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|--------------|------------|-------------|---------------|
| 1. | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08, 10 | 1 Year |
| 2. | Horn Antenna | EMCO | 3115 | 9510-4580 | Nov.19, 09 | 1.5 Year |
| 3. | Horn Antenna | EMCO | 3115 | 9607-4877 | Nov. 25, 09 | 1.5 Year |
| 4. | Signal Generator | HP | 83732B | VS34490501 | May.08, 10 | 1 Year |
| 5. | Amplifier | Agilent | 8491B | MY39262165 | May.08, 10 | 1 Year |
| 6. | RF Cable | Hubersuhner | SUCOFLEX 102 | 28620/2 | May,08, 10 | 1 Year |
| 7. | RF Cable | Hubersuhner | SUCOFLEX 102 | 271471/4 | May,08, 10 | 1 Year |
| 8. | RF Cable | Hubersuhner | SUCOFLEX 102 | 29086/2 | May,08, 10 | 1 Year |
| 9. | RF Cable | Hubersuhner | SUCOFLEX 102 | 271473/4 | May,08, 10 | 1 Year |
| 10. | RF Cable | Hubersuhner | SUCOFLEX 102 | 29091/2 | May,08, 10 | 1 Year |

9.2. Limit (RSS-210 ISSUE 7 A8.4(4))

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts, the e.i.r.p. shall not exceed 4W.

9.3. Test Procedure

- (1). EUT and its simulators are placed on 20mm thick insulating material above ground in the chamber and turned on in continuously transmitting mode.
- (2). The maximum fundamental emission at 3m distance was measured with 2MHz RBW (above 20dB bandwidth of device), 3MHz VBW, PK detector, and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.
- (3). The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.
- (4). A signal which have the same frequency obtained in step 2 was fed to the substitution, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.
- (5). Repeated step 4 with both antenna polarizations
- (6). The radiated power is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna.

9.4. Test Results

| | | |
|--|--------------------|-------------------|
| EUT: Wireless Drum Kit Controller for Xbox 360 | | |
| M/N:95519808 | | |
| Test date:2010-08-27 | Pressure:100.6 kpa | Humidity:53% |
| Tested by: Paul Tian | Test site: RF site | Temperature:25 °C |

| Frequency (MHz) | Test Antenna polarization | Maximum field strength (dBuV/m) | SG Level (dBm) | Cable loss (dB) | Antenna Gain (dBi) | Result (dBm) |
|--|---------------------------|---------------------------------|----------------|-----------------|--------------------|--------------|
| 2402 | H | 93.64 | -5.6 | 5.75 | 8.90 | -2.45 |
| | V | 95.67 | -1.81 | 5.75 | 8.90 | 1.34 |
| 2442 | H | 92.12 | -6.81 | 5.77 | 8.91 | -3.67 |
| | V | 96.65 | -0.69 | 5.77 | 8.91 | 2.45 |
| 2482 | H | 93.65 | -4.7 | 5.78 | 8.94 | -1.54 |
| | V | 95.05 | -2.27 | 5.78 | 8.94 | 0.89 |
| Note: Result = SG level –Cable loss + Antenna Gain | | | | | | |
| Limit: 21dBm | | | | | | |
| Conclusion: PASS | | | | | | |

10.BAND EDGE COMPLIANCE TEST

10.1.Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1 | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08,10 | 1 Year |
| 2 | Horn Antenna | EMCO | 3115 | 9607-4877 | Nov.25, 09 | 1.5 Year |
| 3 | Amplifier | Agilent | 8449B | 3008A02495 | May.08, 10 | 1 Year |
| 4 | RF Cable | Hubersuhner | SUCOFLEX102 | 28620/2 | May.08,10 | 1 Year |
| 5 | RF Cable | Hubersuhner | SUCOFLEX102 | 28618/2 | May.08,10 | 1 Year |
| 6 | RF Cable | Hubersuhner | SUCOFLEX102 | 28610/2 | May.08,10 | 1 Year |

10.2.Limit

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the radio frequency power that is produced shall be at least 20 dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under Section A8.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Tables 2 and 3 is not required.

10.3.Test Produce

For upper band emissions that are up to two bandwidths(2MHz) away (2483.5MHz to 2485.5MHz) from the band-edge use below produce:

1. Choose a spectrum analyzer span that encompasses both the peak of the fundamental emission and the band-edge emission under investigation. Set the analyzer RBW to 100KHz and with a video bandwidth 300KHz. Record the peak levels of the fundamental emission and the relevant band-edge emission, Observe the stored trace and measure the amplitude delta between the peak of the fundamental and the peak of the band-edge emission. This is not a field strength measurement, it is only a relative measurement to determine the amount by which the emission drops at the band edge relative to the highest fundamental emission level.
2. Subtract the delta measured in step (1) from the maximum field strengths measured in clause 4 .The resultant field strengths are then used to determine band-edge compliance as required by Section 15.205

For emissions above two bandwidths away from the band-edge use below produce:

1. EUT and its simulators are placed on 20mm thick insulating material above ground in the chamber and turned on in continuously transmitting mode.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upperband-edges of the emission:
 - (a) PEAK: RBW=1MHz ;VBW=3MHz, PK detector, Sweep=AUTO
 - (b)This device is pulse modulated, a duty cycle factor was used to calculate average level based measured peak level.

10.4. Test Results

Pass (The testing data was attached in the next pages.)

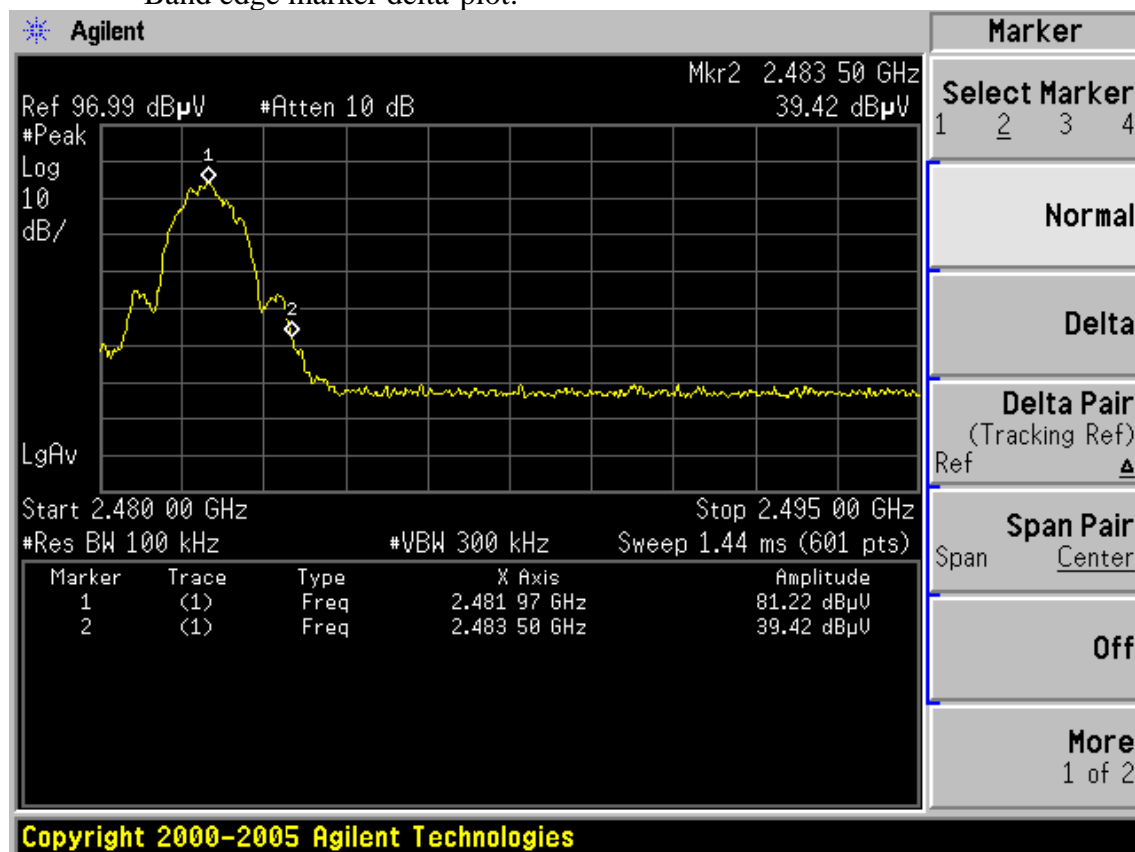
Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

Emissions in two bandwidths away from the band-edge

| CH | Frequency (MHz) | Maximum PK Fundamental level (dBuV/m) | Marker delta (dB) (Note2) | PK band edge level (dBuV/m) | PK Limit (dBuV/m) | Result |
|--------------|-----------------|---------------------------------------|---------------------------|-----------------------------|-------------------|--------|
| High 2482MHz | 2483.5 | 93.36 | 41.80 | 51.56 | 74 | PASS |

Marker delta = 81.22 - 39.42 = 41.80dB

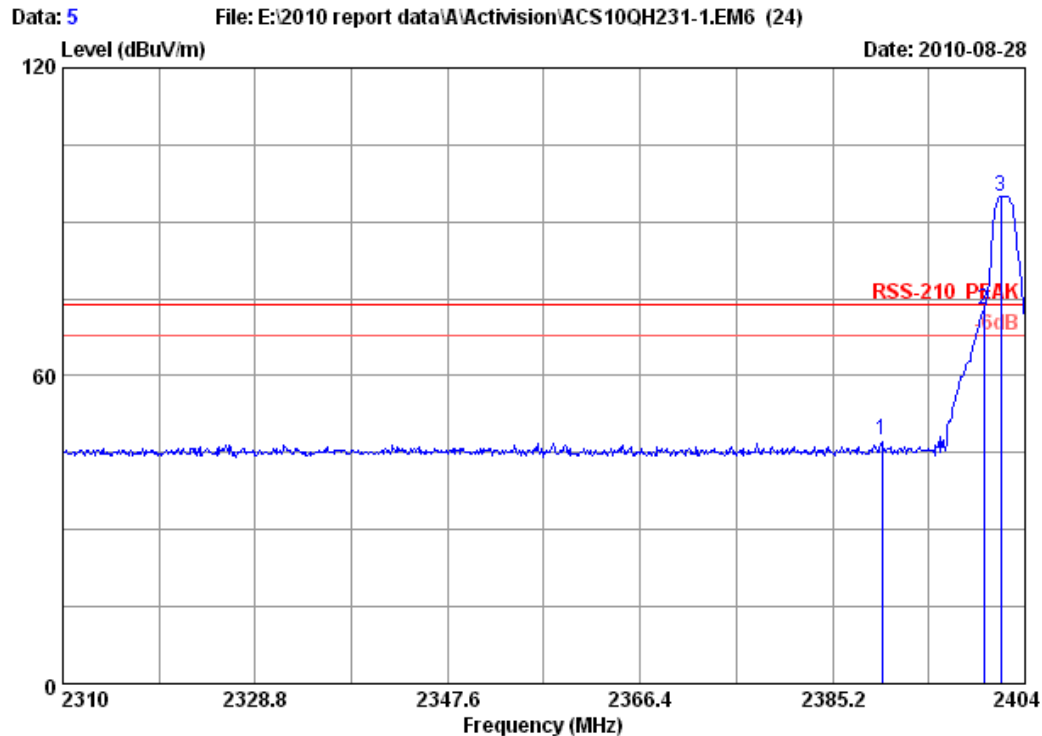
Band edge marker delta-plot:



For emissions above two bandwidths away from the band-edge



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| | | | |
|-------------|---|-----------|------------|
| Site no. | : 10m Chamber | Data no. | : 5 |
| Dis. / Ant. | : 3m 3115(0911) | Ant. pol. | : VERTICAL |
| Limit | : RSS-210 PEAK | | |
| Env. / Ins. | : 23°C/54% | Engineer | : Leo-Li |
| EUT | : Wireless Drum Kit Controller for Xbox 360 | | |
| Power | : DC 3V | | |
| Test mode | : Tx 2402MHz | | |
| M/N | : 95519808 | | |

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable loss (dB) | Amp. Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2390.000 | 29.44 | 7.39 | 36.62 | 47.21 | 47.42 | 74.00 | 26.58 | Peak |
| 2 | 2400.000 | 29.44 | 7.43 | 36.62 | 72.63 | 72.88 | 74.00 | 1.12 | Peak |
| 3 | 2401.650 | 29.44 | 7.43 | 36.62 | 94.61 | 94.86 | 74.00 | -20.86 | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

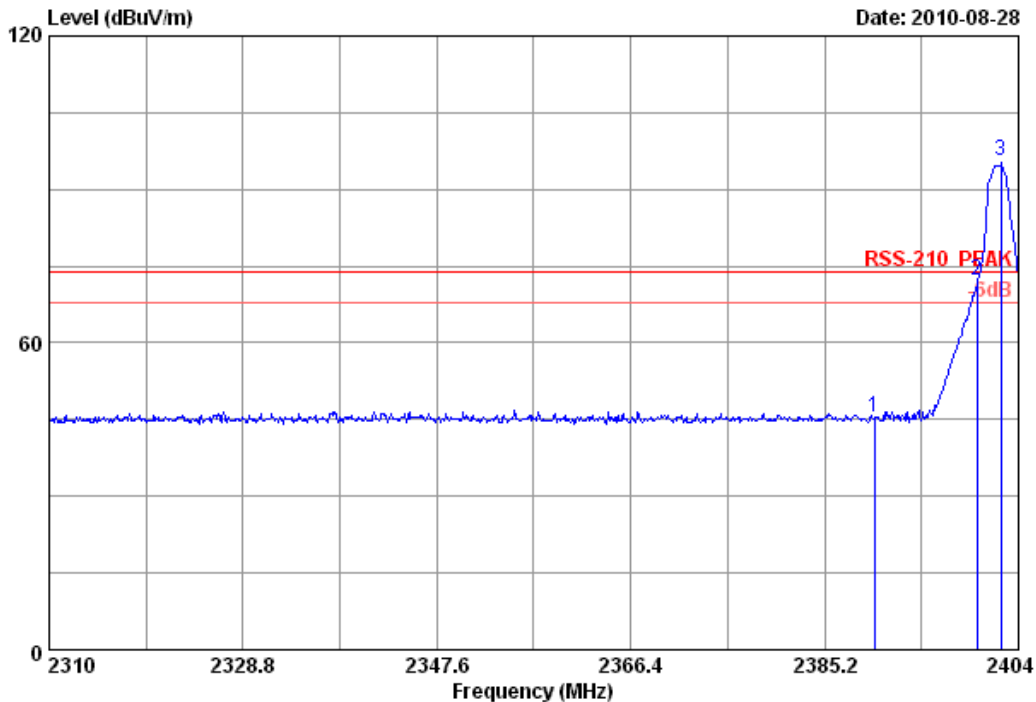


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Data: 6

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-08-28



Site no. : 10m Chamber Data no. : 6
 Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
 Limit : RSS-210 PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : Wireless Drum Kit Controller for Xbox 360
 Power : DC 3V
 Test mode : Tx 2402MHz
 M/N : 95519808

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable loss (dB) | Amp. Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2390.000 | 29.44 | 7.39 | 36.62 | 45.12 | 45.33 | 74.00 | 28.67 | Peak |
| 2 | 2400.000 | 29.44 | 7.43 | 36.62 | 72.11 | 72.36 | 74.00 | 1.64 | Peak |
| 3 | 2402.308 | 29.44 | 7.43 | 36.62 | 95.43 | 95.68 | 74.00 | -21.68 | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

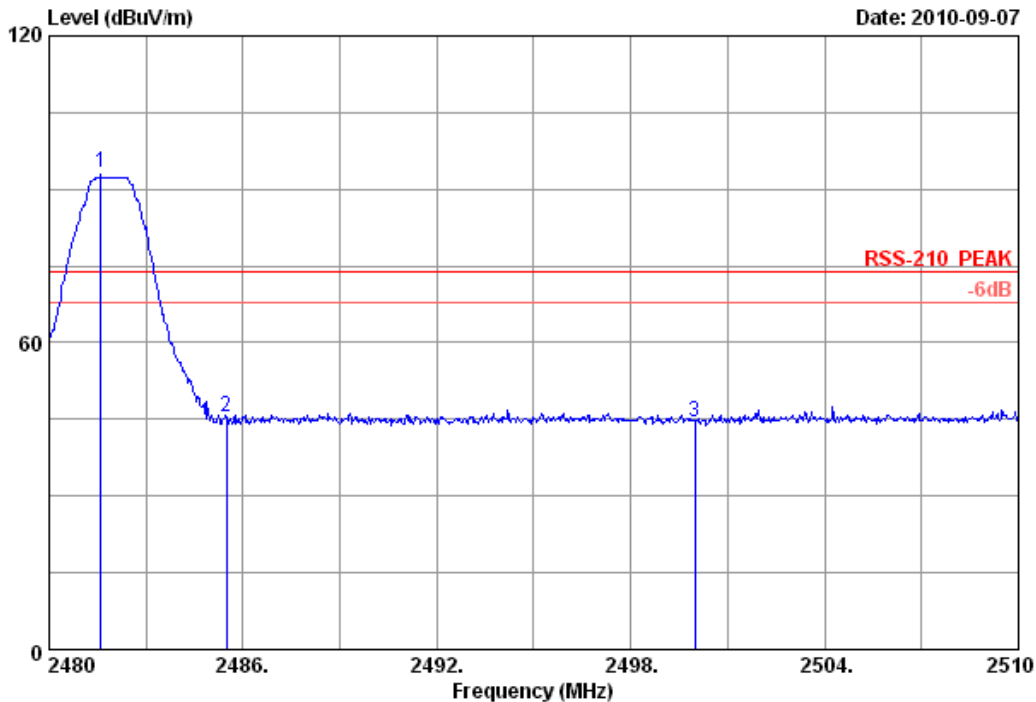


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Data: 16

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-09-07



Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Tx 2482MHz
M/N : 95519808

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable loss (dB) | Amp. Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2481.590 | 29.49 | 7.58 | 36.60 | 92.89 | 93.36 | 74.00 | -19.36 | Peak |
| 2 | 2485.500 | 29.49 | 7.58 | 36.60 | 44.91 | 45.38 | 74.00 | 28.62 | Peak |
| 3 | 2500.000 | 29.50 | 7.62 | 36.60 | 44.01 | 44.53 | 74.00 | 29.47 | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

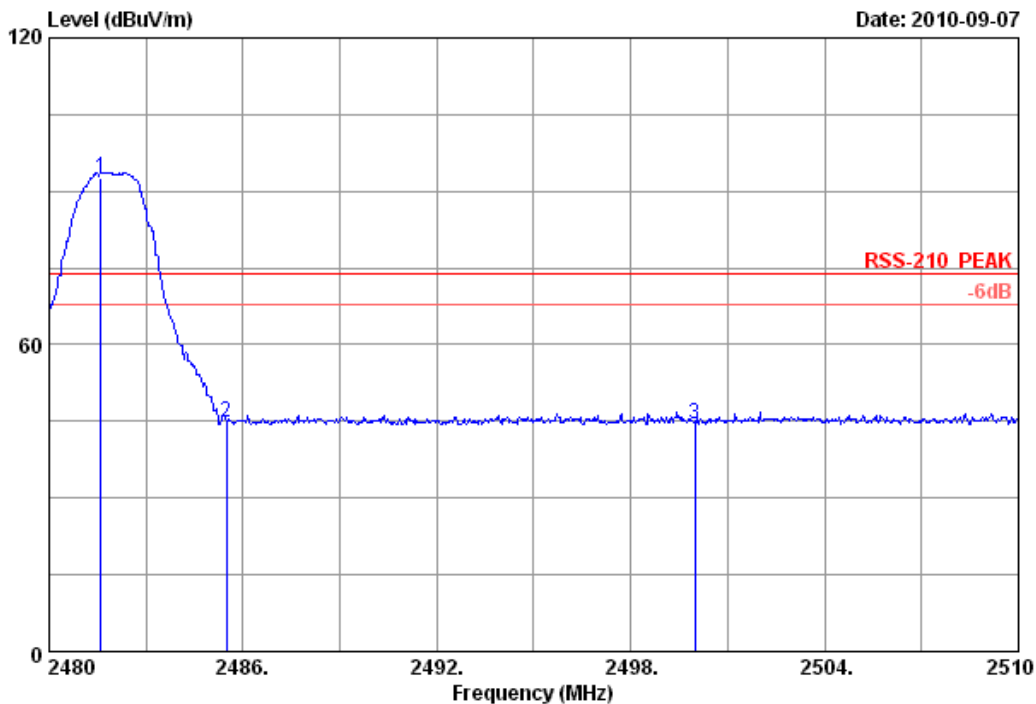


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Data: 15

File: E:\2010 report data\A\Activision\ACS10QH231-1.EM6 (24)

Date: 2010-09-07



Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : RSS-210 PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : Wireless Drum Kit Controller for Xbox 360
Power : DC 3V
Test mode : Tx 2482MHz
M/N : 95519808

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable loss (dB) | Amp. Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|------------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2481.590 | 29.49 | 7.58 | 36.60 | 92.20 | 92.67 | 74.00 | -18.67 | Peak |
| 2 | 2485.500 | 29.49 | 7.58 | 36.60 | 44.33 | 44.80 | 74.00 | 29.20 | Peak |
| 3 | 2500.000 | 29.50 | 7.62 | 36.60 | 43.99 | 44.51 | 74.00 | 29.49 | Peak |

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

11. 99% BANDWIDTH

11.1.Test Equipment

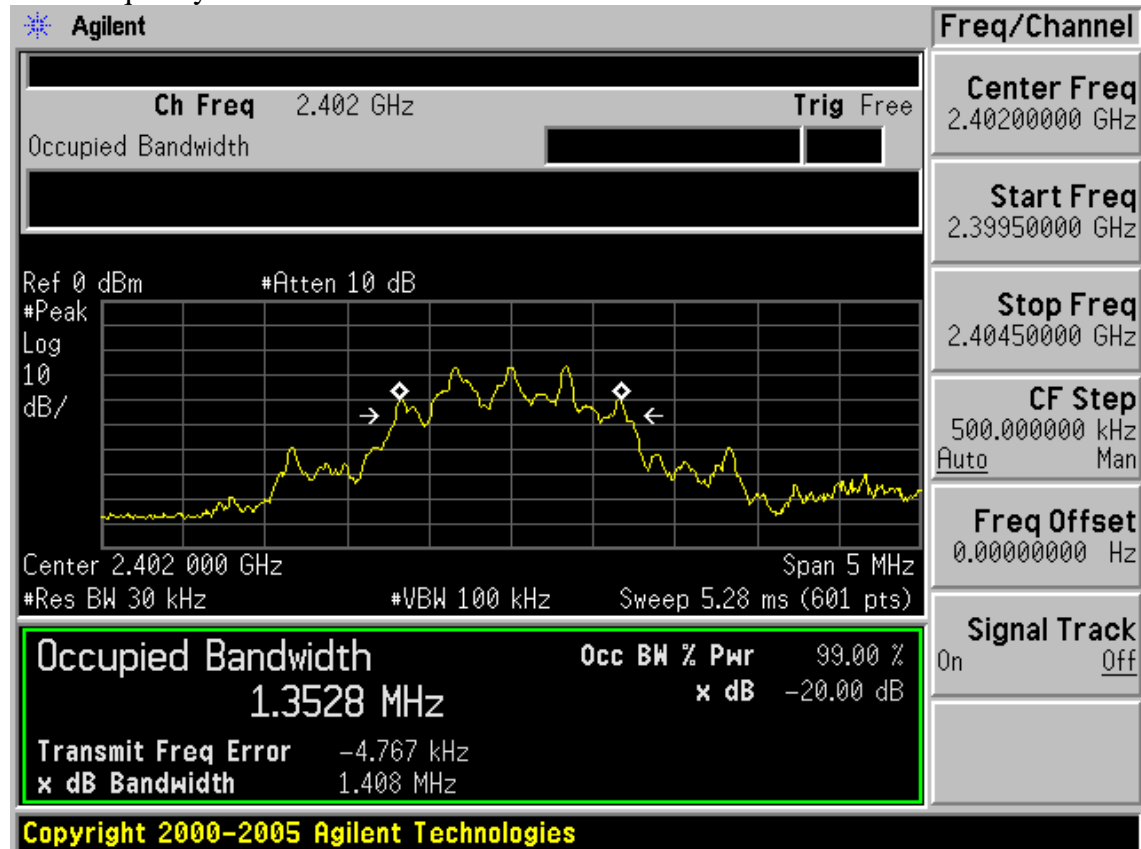
| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|-------------------|--------------|-----------|------------|------------|---------------|
| 1. | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08, 10 | 1 Year |

11.2.Test Results

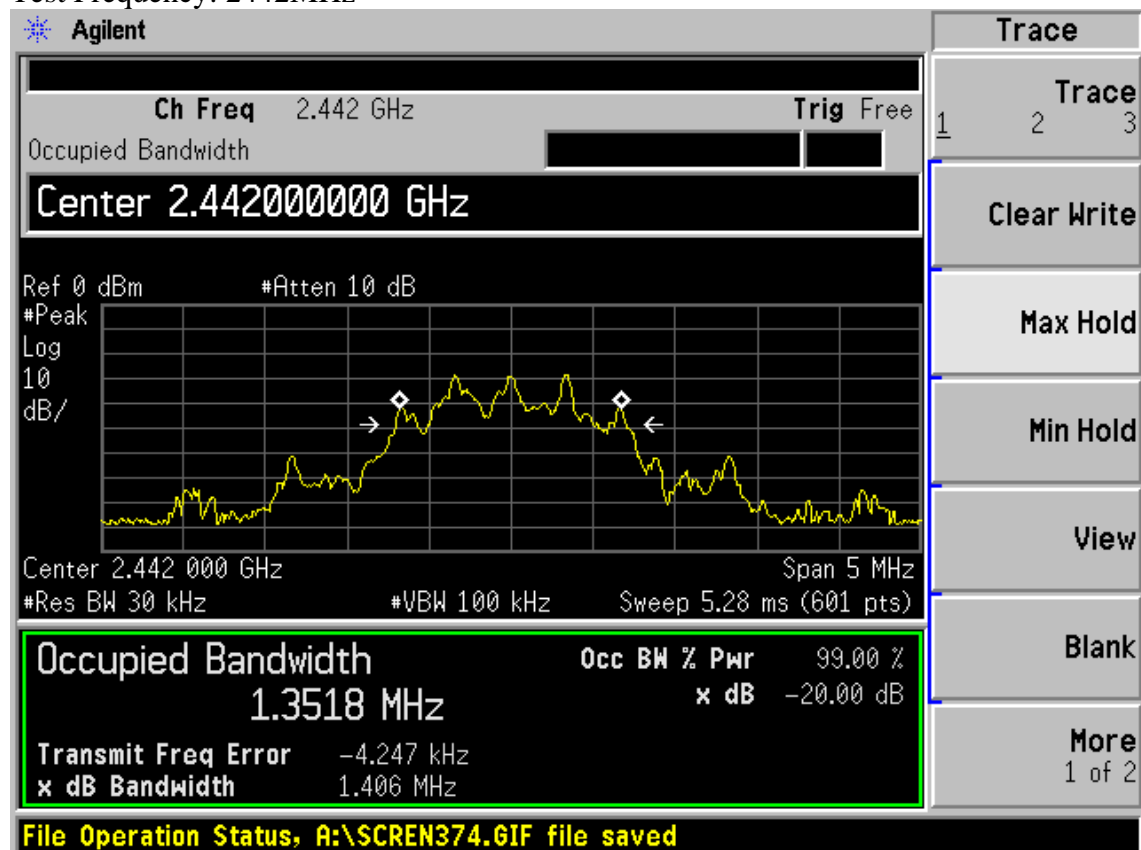
| | | |
|--|--------------------|--------------------|
| EUT: Wireless Drum Kit Controller for Xbox 360 | | |
| M/N: 95519808 | | |
| Test date:2010-08-27 | Pressure:100.5 kpa | Humidity:57 % |
| Tested by:Paul Tian | Test site: RF site | Temperature: 25 °C |

| Frequency | 99% bandwidth (KHz) | Limit (KHz) |
|------------------|------------------------|----------------|
| 2402 | 1352.8 | N/A |
| 2442 | 1351.8 | N/A |
| 2482 | 1351.1 | N/A |
| Conclusion: PASS | | |

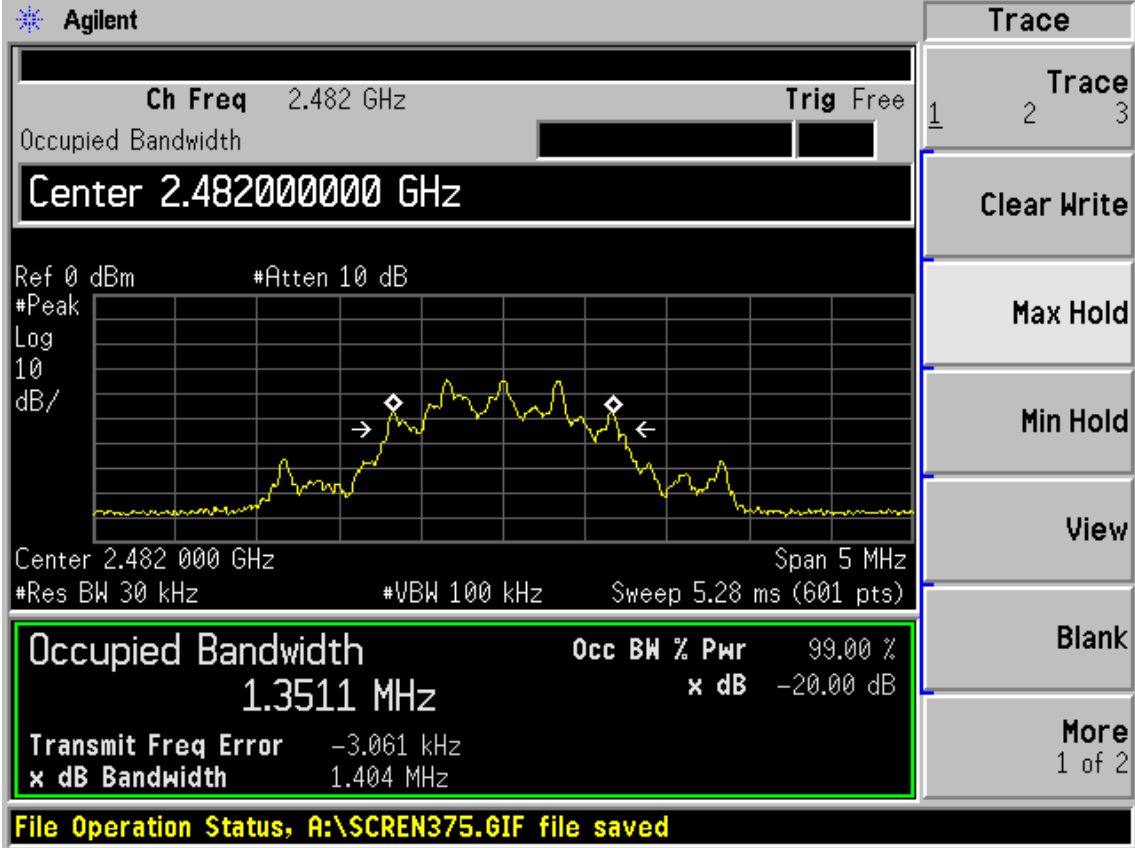
Test Frequency: 2402MHz



Test Frequency: 2442MHz



Test Frequency: 2482MHz



12.DEVIATION TO TEST SPECIFICATIONS

[NONE]