# FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Mad Catz Inc.

Prime Wireless Stereo Headset

Model Number: 47678T

FCC ID: P25CM47678S4311R

Prepared for : Mad Catz Inc.
7480 Mission Valley Road, Suite 101, San Diego,
California, 92108, USA

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

| | | |
|---|---|---|
| Report Number | : | ACS-F11256 |
| Date of Test | : | Oct.25~.04, 2011 |
| Date of Report | : | Nov.14, 2011 |

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# TEST REPORT CERTIFICATION

| | | |
|---|---|---|
| Applicant | : | Mad Catz Inc. |
| EUT Description | : | Prime Wireless Stereo Headset |
| FCC ID | : | P25CM47678S4311R |
| (A) MODEL NO. | : | 47678T |
| (B) SERIAL NO. | : | N/A |
| (C) POWER SUPPLY | : | DC 5V |
| (D) TEST VOLTAGE | : | DC 5V From XBOX360 Input AC 120V/60Hz |

Tested for comply with:
FCC Rules and Regulations Part 15 Subpart C:2008

Test procedure used:
ANSI C63.10:2009

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements.

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 these tests. This report contains data that are not covered by the NVLAP accreditation. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Oct.25~Nov.04, 2011 Report of date: Nov.14, 2011

Prepared by : Cerry He / Assistant

Reviewer by : Sunny Lu/ Supervisor

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 12/5 11

Approved & Authorized Signer : 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.

| EMISSION | | |
|---|---|---|
| **Description of Test Item** | **Standard** | **Results** |
| Power Line Conducted Emission Test | FCC Part 15C: 15.207<br>ANSI C63.10-2009 | PASS |
| Radiated Emission Test | FCC Part 15C: 15.209<br>FCC Part 15C: 15.249<br>ANSI C63.10-2009 | PASS |
| Band Edge Compliance Test | FCC Part 15: 15.249<br>ANSI C63.10-2009 | PASS |
| 20dB Bandwidth Test | FCC Part 15: 15.215<br>ANSI C63.10-2009 | PASS |
| | | |

# 2. GENERAL INFORMATION

## 2.1.Description of Device (EUT)

| | | |
|---|---|---|
| Product Name | : | Prime Wireless Stereo Headset |
| Model Number | : | 47678T |
| FCC ID | : | P25CM47678S4311R |
| Operation frequency | : | 5730MHz~5845MHz |
| Antenna | : | Integrated PCB antenna, 3.05dBi gain |
| Power Supply | : | DC 5V |
| Applicant | : | Mad Catz Inc.<br>7480 Mission Valley Road, Suite 101, San Diego, California, 92108, USA |
| AV Adapter | : | Unshielded, Detachable , 0.3m |
| USB Cable | : | Unshielded, Detachable, 1.0m |
| Audio Cable | : | Unshielded, Detachable, 1.0m |
| Date of Test | : | Oct.25~Nov.04, 2011 |
| Date of Receipt | : | Oct.25, 2011 |
| Sample Type | : | Prototype production |

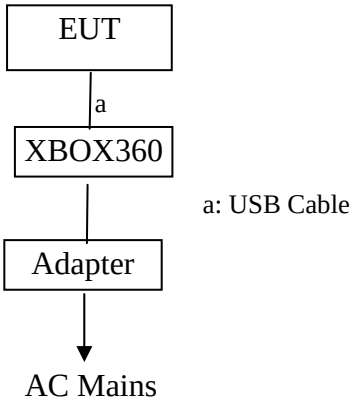
channel list for work frequency:

| CH No | Freq(MHz) | | CH No | Freq(MHz) | | CH No | Freq(MHz) |
|---|---|---|---|---|---|---|---|
| 1 | 5730 | | 21 | 5770 | | 41 | 5810 |
| 2 | 5732 | | 22 | 5772 | | 42 | 5812 |
| 3 | 5734 | | 23 | 5774 | | 43 | 5814 |
| 4 | 5736 | | 24 | 5776 | | 44 | 5816 |
| 5 | 5738 | | 25 | 5778 | | 45 | 5818 |
| 6 | 5740 | | 26 | 5780 | | 46 | 5820 |
| 7 | 5742 | | 27 | 5782 | | 47 | 5822 |
| 8 | 5744 | | 28 | 5784 | | 48 | 5824 |
| 9 | 5746 | | 29 | 5786 | | 49 | 5826 |
| 10 | 5748 | | 30 | 5788 | | 50 | 5830 |
| 11 | 5750 | | 31 | 5790 | | 51 | 5832 |
| 12 | 5752 | | 32 | 5792 | | 52 | 5834 |
| 13 | 5754 | | 33 | 5794 | | 53 | 5836 |
| 14 | 5756 | | 34 | 5796 | | 54 | 5838 |
| 15 | 5758 | | 35 | 5798 | | 55 | 5840 |
| 16 | 5760 | | 36 | 5800 | | 56 | 5842 |
| 17 | 5762 | | 37 | 5802 | | 57 | 5844 |
| 18 | 5764 | | 38 | 5804 | | 58 | 5845 |
| 19 | 5766 | | 39 | 5806 | | | |
| 20 | 5768 | | 40 | 5808 | | | |

## 2.2.Tested Supporting System Details

| No. | Description | ACS No. | Manufacturer | Model | Serial Number | Approved type |
|---|---|---|---|---|---|---|
| 1. | X-BOX | ACS-EMC-X01 | Microsoft | WA 98052-6399 | N/A | ☑FCC DoC ☐BSMI ID |
| | | Power Cord: Unshielded, Undetachabled , 2.0m | | | | |

## 2.3. Block Diagram of Test Setup




**(EUT: Prime Wireless Stereo Headset)**

## 2.4.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 : Certificated by FCC, USA
Registration Number: 90454
Valid Date: Mar.31, 2012

3m & 10m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 794232
Valid Date: Dec.30, 2012

EMC Lab. : Certificated by Industry Canada
Registration Number: IC 5183A-1
Valid Date: Jun.13, 2014

Certificated by DAkkS, Germany
Registration No: D-PL-12151-01-01
Valid Date: Feb.01, 2014

Accredited by NVLAP, USA
NVLAP Code: 200372-0
Valid Date: Mar.31, 2012

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

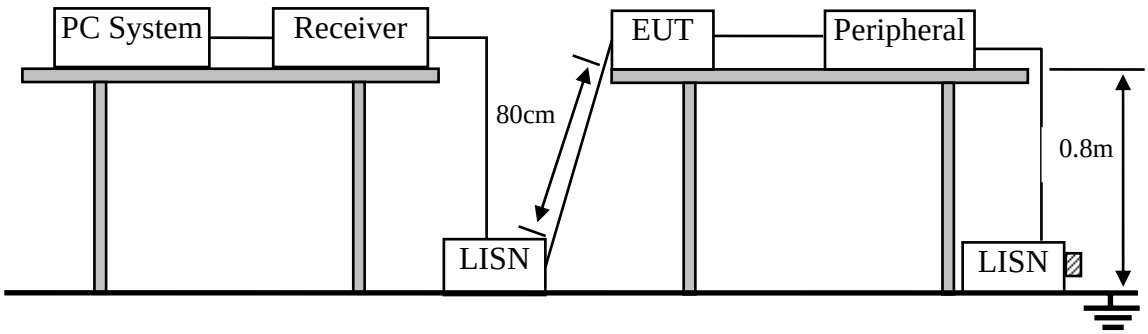
| Test Item | Uncertainty |
|---|---|
| Uncertainty for Conduction emission test in No. 1 Conduction | 3.2 dB(150kHz to 30MHz) |
| Uncertainty for Radiation Emission test in 3m chamber | 3.6 dB(30~200MHz, Polarize: H) |
| | 3.7 dB(30~200MHz, Polarize: V) |
| | 4.0 dB(200M~1GHz, Polarize: H) |
| | 3.7 dB(200M~1GHz, Polarize: V) |
| Uncertainty for Radiated Spurious Emission test in RF chamber | 3.57dB |
| Uncertainty for Bandwidth test | 83 kHz |
| Uncertainty for DC power test | 0.038 % |
| Uncertainty for test site temperature and humidity | 0.6℃ |
| | 3% |

# 3. POWER LINE CONDUCTED EMISSION TEST

## 3.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|---|---|---|---|---|---|---|
| 1. | Test Receiver | Rohde & Schwarz | ESHS10 | 838693/001 | Nov.05, 10 | 1 Year |
| 2. | L.I.S.N.#1 | Rohde & Schwarz | ESH2-Z5 | 834066/011 | Nov.05, 11 | 1 Year |
| 3. | L.I.S.N.#3 | Kyoritsu | KNW-242C | 8-1920-1 | May.08, 11 | 1 Year |
| 4. | Terminator | Hubersuhner | 50Ω | No. 1 | May.08, 11 | 1 Year |
| 5. | RF Cable | Fujikura | 3D-2W | LISN Cable 1# | May.08, 11 | 1Year |
| 6. | Coaxial Switch | Anritsu | MP59B | M55367 | May.08, 11 | 1 Year |
| 7. | Passive Probe | Rohde & Schwarz | ESH2-Z3 | 299.7810.52 | May.08, 11 | 1 Year |
| 8. | Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100341 | May.08, 11 | 1 Year |

## 3.2.Block Diagram of Test Setup




:50Ω Terminator

## 3.3. Power Line Conducted Emission Test Limits

| Frequency | Maximum RF Line Voltage | |
|---|---|---|
| | Quasi-Peak Level dB(μV) | Average Level dB(μV) |
| 150kHz ~ 500kHz | 66 ~ 56* | 56 ~ 46* |
| 500kHz ~ 5MHz | 56 | 46 |
| 5MHz ~ 30MHz | 60 | 50 |

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

## 3.4. Configuration of EUT on Test

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

### 3.4.1. Prime Wireless Stereo Headset (EUT)

Model Number : 47678T
Serial Number : N/A
Manufacturer : Mad Catz Inc.

## 3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 2.2.

3.5.2. Turn on the power of all equipment.

3.5.3. Let the EUT work in test mode (TX Mode) and measure it.

## 3.6. Test Procedure

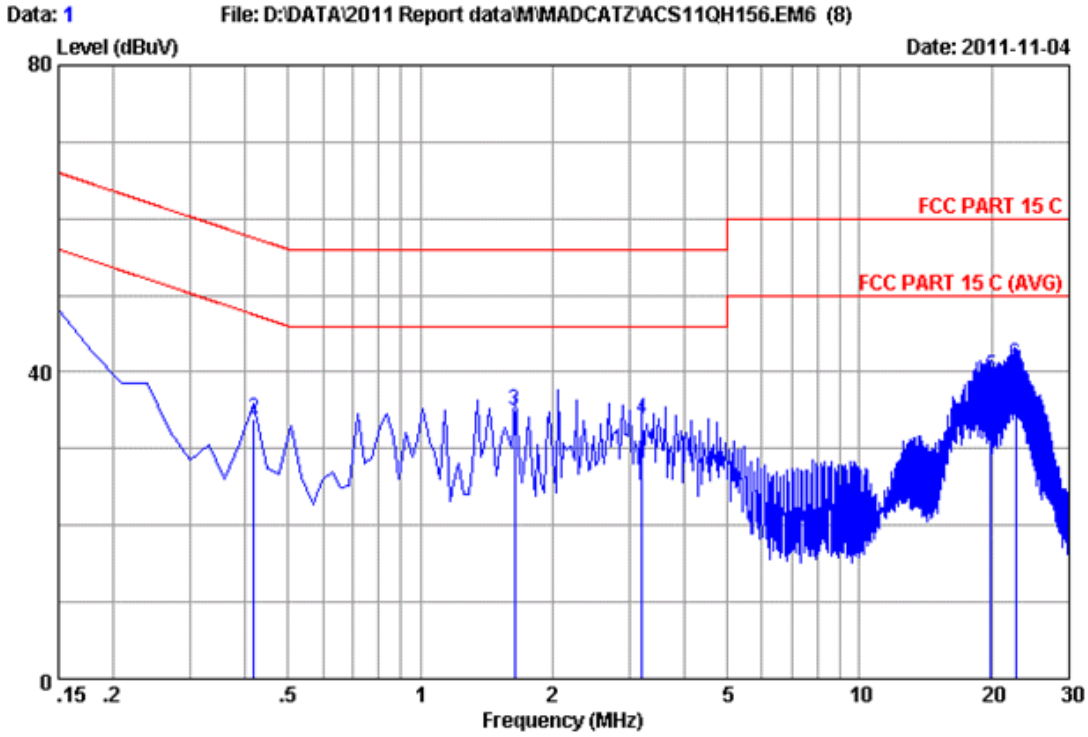
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#3). this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4-2009 on conducted Emission test.

The bandwidth of test receiver (R&S TEST RECEIVER ESHS10) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked. The test result are reported on Section 3.7.

## 3.7. Conducted Disturbance at Mains Terminals Test Results

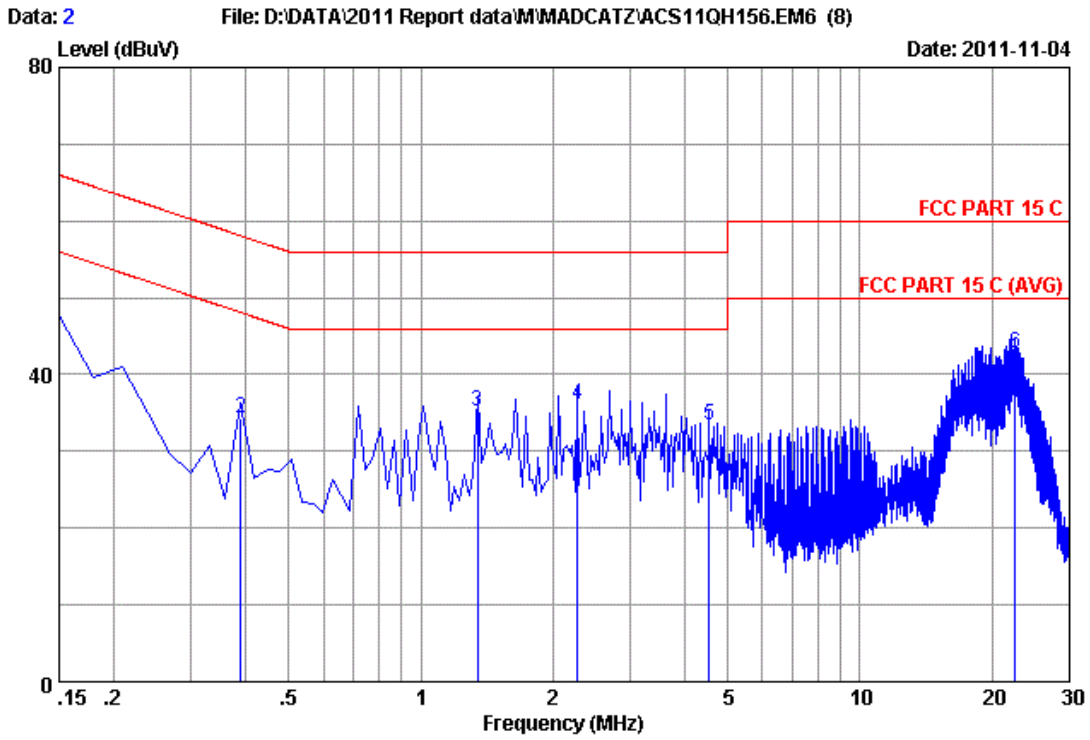
**PASS. (**All emissions not reported below are too low against the prescribed limits.)




Site no :1#conduction Data No :1
Dis./Ant. :** 2011 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :29.5*C/55% Engineer :Gary
EUT :Prime Wireless Stereo Headset
Power Rating :DC 5V From XBOX360 Input AC 120V/60Hz
Test Mode :Tx Mode
M/N : 47678T

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.15000 | 0.17 | 9.98 | 35.93 | 46.08 | 66.00 | 19.92 | QP |
| 2 | 0.41865 | 0.19 | 9.98 | 23.76 | 33.93 | 57.47 | 23.54 | QP |
| 3 | 1.643 | 0.28 | 9.97 | 24.72 | 34.97 | 56.00 | 21.03 | QP |
| 4 | 3.195 | 0.33 | 9.95 | 23.64 | 33.92 | 56.00 | 22.08 | QP |
| 5 | 19.911 | 0.99 | 10.01 | 28.52 | 39.52 | 60.00 | 20.48 | QP |
| 6 | 22.687 | 1.12 | 10.05 | 29.74 | 40.91 | 60.00 | 19.09 | QP |

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.




Site no :1#conduction Data No :2
Dis./Ant. :** 2011 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 C
Env./Ins. :29.5*C/55% Engineer :Gary
EUT :Prime Wireless Stereo Headset
Power Rating :DC 5V From XBOX360 Input AC 120V/60Hz
Test Mode :Tx Mode
M/N : 47678T

| No | Freq (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.15000 | 0.21 | 9.98 | 35.57 | 45.76 | 66.00 | 20.24 | QP |
| 2 | 0.38880 | 0.22 | 9.98 | 24.03 | 34.23 | 58.09 | 23.86 | QP |
| 3 | 1.344 | 0.25 | 9.97 | 25.07 | 35.29 | 56.00 | 20.71 | QP |
| 4 | 2.269 | 0.28 | 9.96 | 25.76 | 36.00 | 56.00 | 20.00 | QP |
| 5 | 4.538 | 0.32 | 9.93 | 23.18 | 33.43 | 56.00 | 22.57 | QP |
| 6 | 22.567 | 0.84 | 10.05 | 31.82 | 42.71 | 60.00 | 17.29 | QP |

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)
+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

# 4. RADIATED EMISSION TEST

## 4.1.Test Equipment

Frequency rang: 30~1000MHz

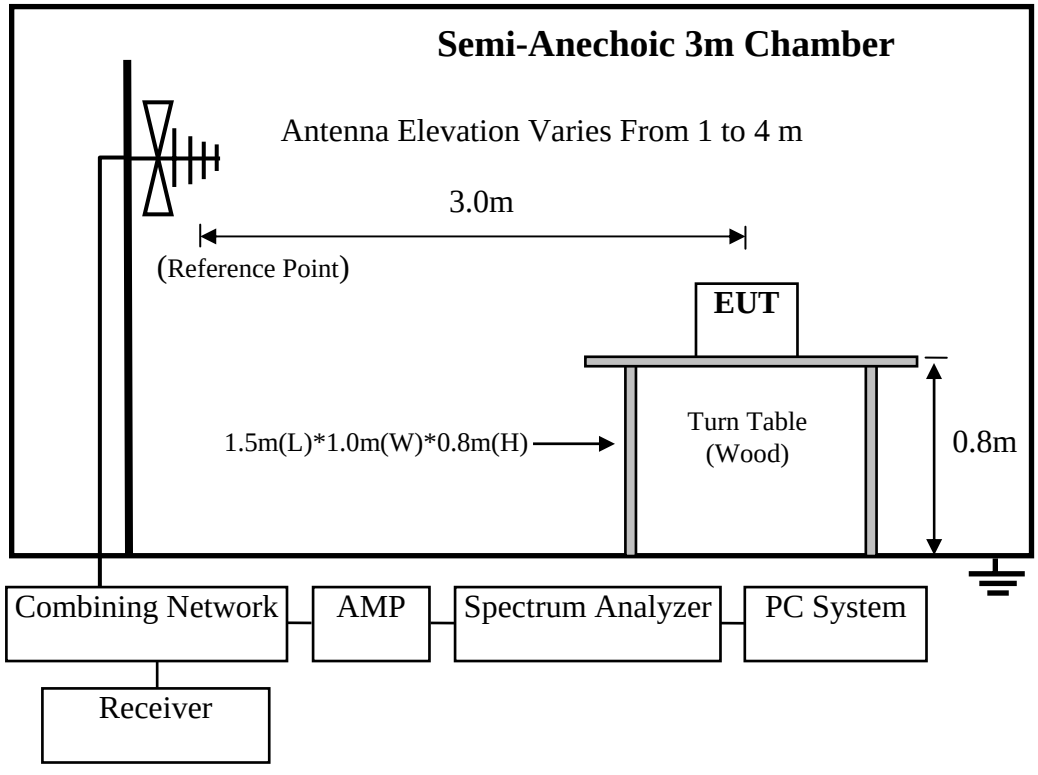
| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|---|---|---|---|---|---|---|
| 1 | 3#Chamber | AUDIX | N/A | N/A | Dec.05,10 | 1 Year |
| 2 | EMI Spectrum | Agilent | E4407B | MY41440292 | May.08, 11 | 1 Year |
| 3 | Test Receiver | Rohde & Schwarz | ESVS10 | 834468/011 | May.08, 11 | 1 Year |
| 4 | Amplifier | HP | 8447D | 2648A04738 | May.08, 11 | 1 Year |
| 5 | Bilog Antenna | Schaffner | CBL6111C | 2597 | May.25, 11 | 1 Year |
| 6 | RF Cable | MIYAZAKI | 8D-FB | 3# Chamber No.1 | May.08, 11 | 1 Year |
| 7 | Coaxial Switch | Anritsu | MP59B | M73989 | May.08, 11 | 1 Year |

Frequency rang: above 1000MHz

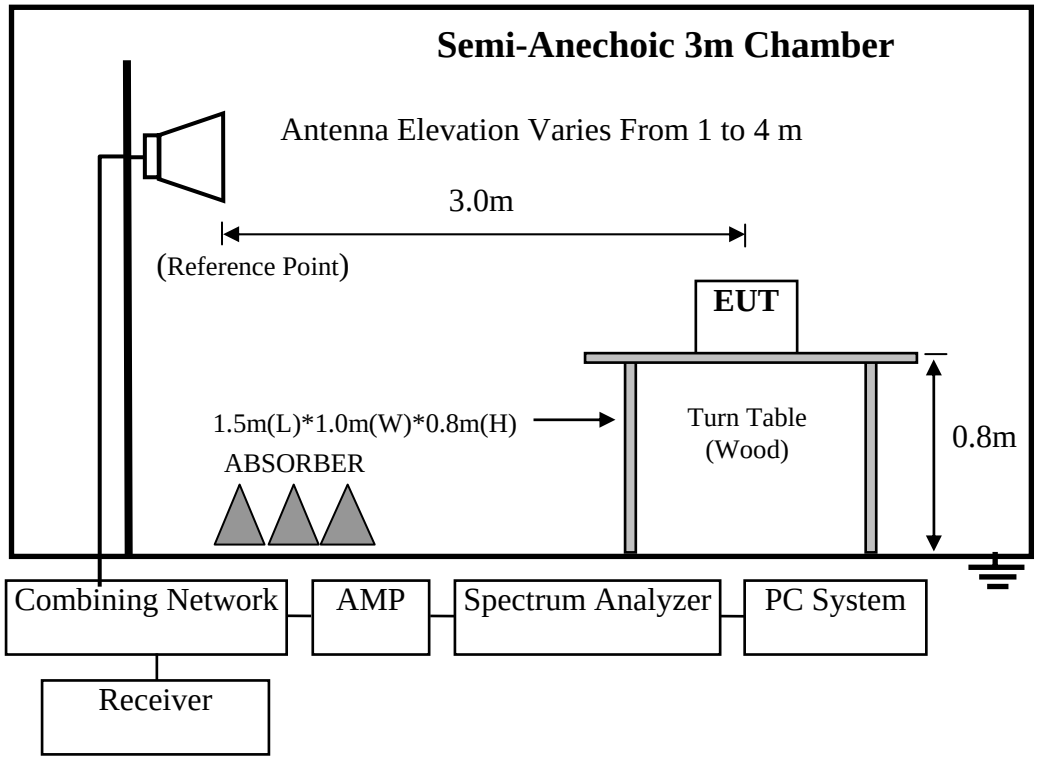
| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|---|---|---|---|---|---|---|
| 1 | Spectrum Analyzer | Agilent | E4407B | MY41440292 | May.08, 11 | 1 Year |
| 2 | Horn Antenna | EMCO | 3115 | 9607-4877 | July.01, 11 | 1 Year |
| 3 | Amplifier | Agilent | 8449B | 3008A00863 | May.08, 11 | 1 Year |
| 4 | RF Cable | Hubersuhner | SUCOFLEX102 | 28622/2 | May.08, 11 | 1 Year |
| 5 | RF Cable | Hubersuhner | SUCOFLEX102 | 29091/2 | May.08, 11 | 1 Year |

## 4.2.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range above 1GHz




## 4.3. Radiated Emission Limit Standard: FCC 15.209 and 15.249

| FREQUENCY MHz | DISTANCE Meters | FIELD STRENGTHS LIMIT | |
|---|---|---|---|
| | | μV/m | dB(μV)/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 1000MHz | 3 | 74.0 dB(μV)/m (Peak)<br>54.0 dB(μV)/m (Average) | |
| Field Strength of fundamental emissions for 2.4GHz-2.4835GHz | 3 | 114.0 dB(μV)/m (Peak)<br>94.0 dB(μV)/m (Average) | |

Remark： (1) Emission level dBμV = 20 log Emission level μV/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) The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

## 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.

## 4.5.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 EUT work in Tx mode.

## 4.6.Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The 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 is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.10-2009 on radiated emission Test.

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions.

After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation show in the test setup photos.

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 RBW is set at 1MHz and VBW is set at 3MHz for peak emissions measurement above 1GHz

The bandwidth of the Spectrum's RBW is set at 1MHz and VBW is set at 10Hz for AV emissions measurement above 1GHz

The frequency range from 30MHz to 10th harmonic (up to 40GHz) are checked. and no any emissions were found from 18GHz to 40 GHz, So the radiated emissions from 18GHz to 40GHz were not record.

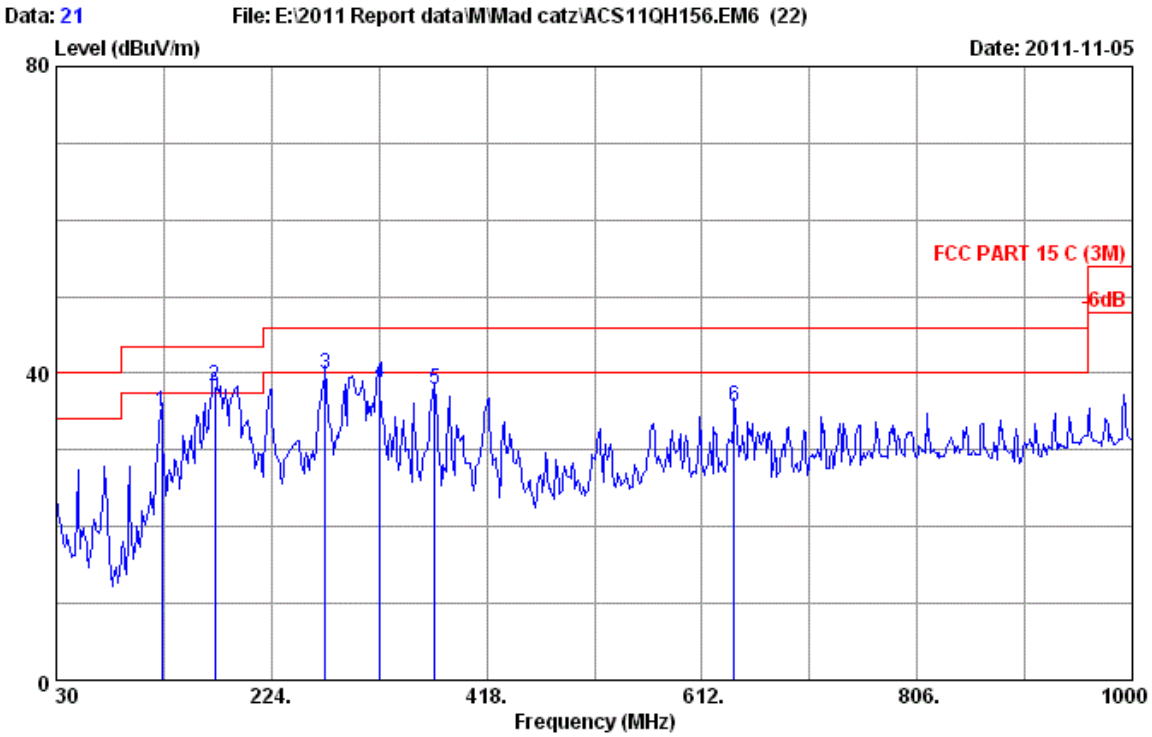
## 4.7.Radiated Emission Test Results

**PASS.**

All the emissions from 30MHz to 40GHz were comply with the 15.209 Limit.

Remark: The duty cycle of the test signal is 100%.

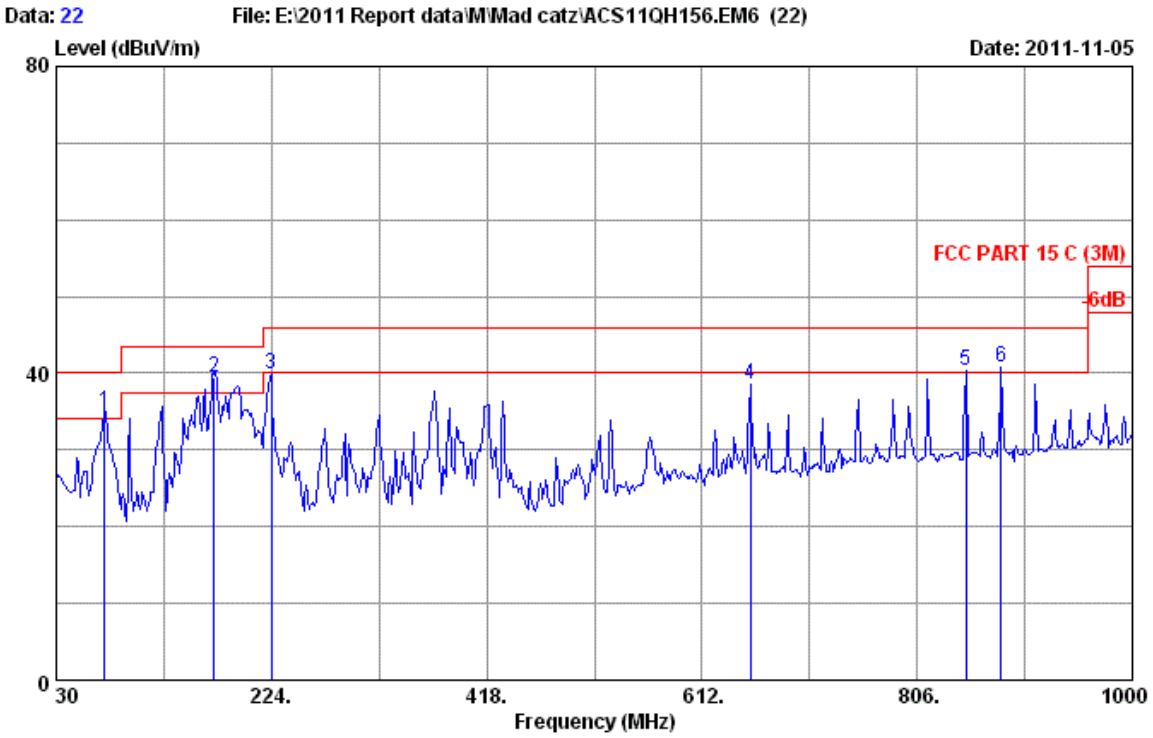
## Frequency: 30MHz~1GHz




Site no. : 3m Chamber Data no. : 21
Dis. / Ant. : 3m 2010 CBL6111C 2598 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56% Engineer : Gary
EUT : Prime Wireless Stereo Headset
Power rating : DC 5V From XBOX360 Input AC 120V/60Hz
Test Mode : Tx Mode
M/N : 47678T

| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 125.060 | 12.10 | 1.34 | 21.59 | 35.03 | 43.50 | 8.47 | QP |
| 2 | 173.076 | 9.80 | 1.65 | 26.80 | 38.25 | 43.50 | 5.25 | QP |
| 3 | 272.500 | 13.25 | 2.67 | 23.99 | 39.91 | 46.00 | 6.09 | QP |
| 4 | 321.550 | 14.24 | 3.07 | 21.50 | 38.81 | 46.00 | 7.19 | QP |
| 5 | 371.440 | 15.52 | 3.23 | 19.08 | 37.83 | 46.00 | 8.17 | QP |
| 6 | 641.100 | 20.49 | 4.70 | 10.55 | 35.74 | 46.00 | 10.26 | QP |

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

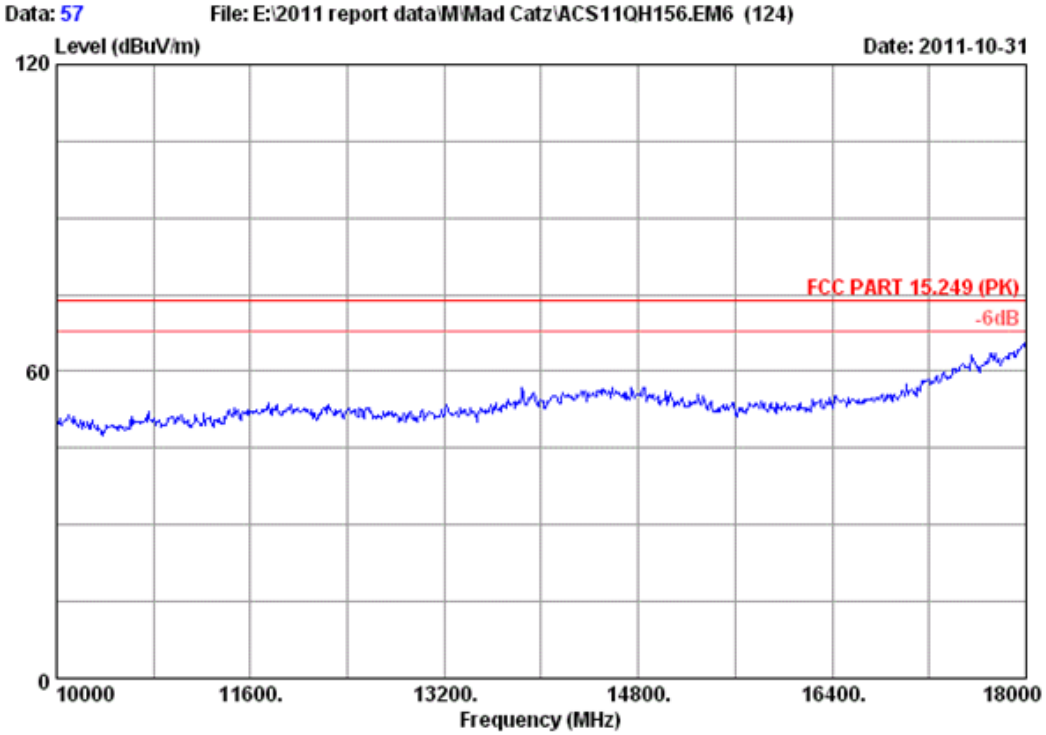



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2010 CBL6111C 2598 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56% Engineer : Gary
EUT : Prime Wireless Stereo Headset
Power rating : DC 5V From XBOX360 Input AC 120V/60Hz
Test Mode : Tx Mode
M/N : 47678T

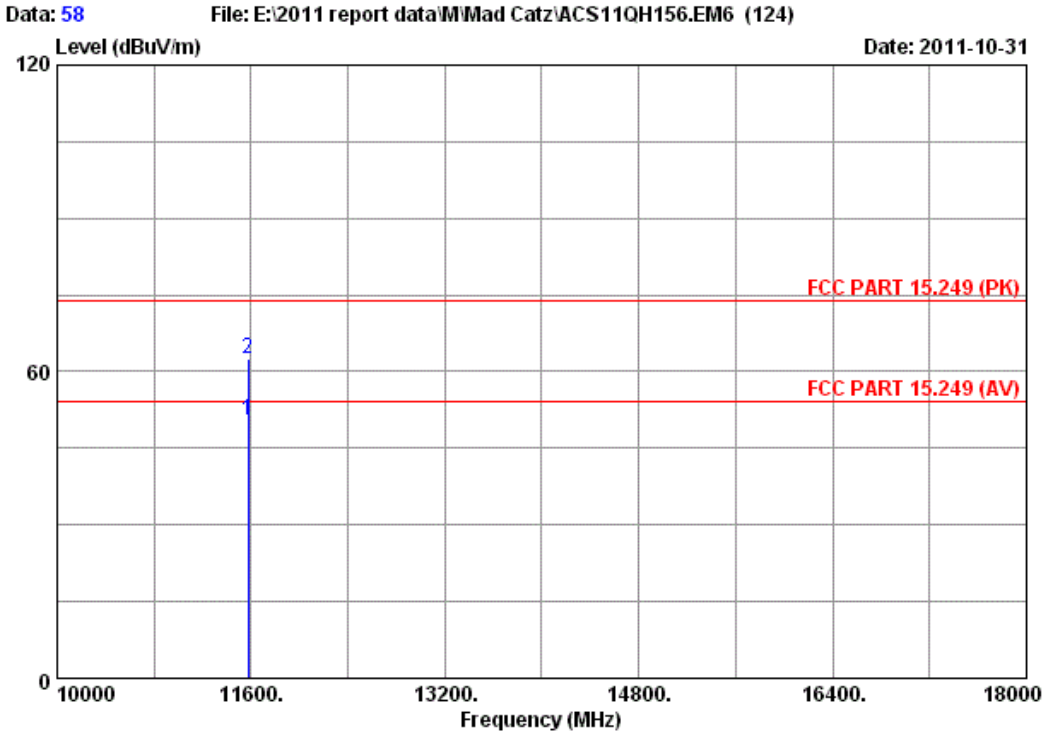
| No. | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|
| 1 | 73.650 | 7.16 | 0.99 | 26.92 | 35.07 | 40.00 | 4.93 | QP |
| 2 | 172.036 | 10.00 | 1.65 | 27.70 | 39.35 | 43.50 | 4.15 | QP |
| 3 | 224.000 | 10.52 | 2.11 | 27.32 | 39.95 | 46.00 | 6.05 | QP |
| 4 | 655.650 | 20.52 | 4.78 | 13.16 | 38.46 | 46.00 | 7.54 | QP |
| 5 | 849.650 | 22.70 | 5.58 | 12.11 | 40.39 | 46.00 | 5.61 | QP |
| 6 | 881.660 | 22.82 | 5.63 | 12.28 | 40.73 | 46.00 | 5.27 | 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**



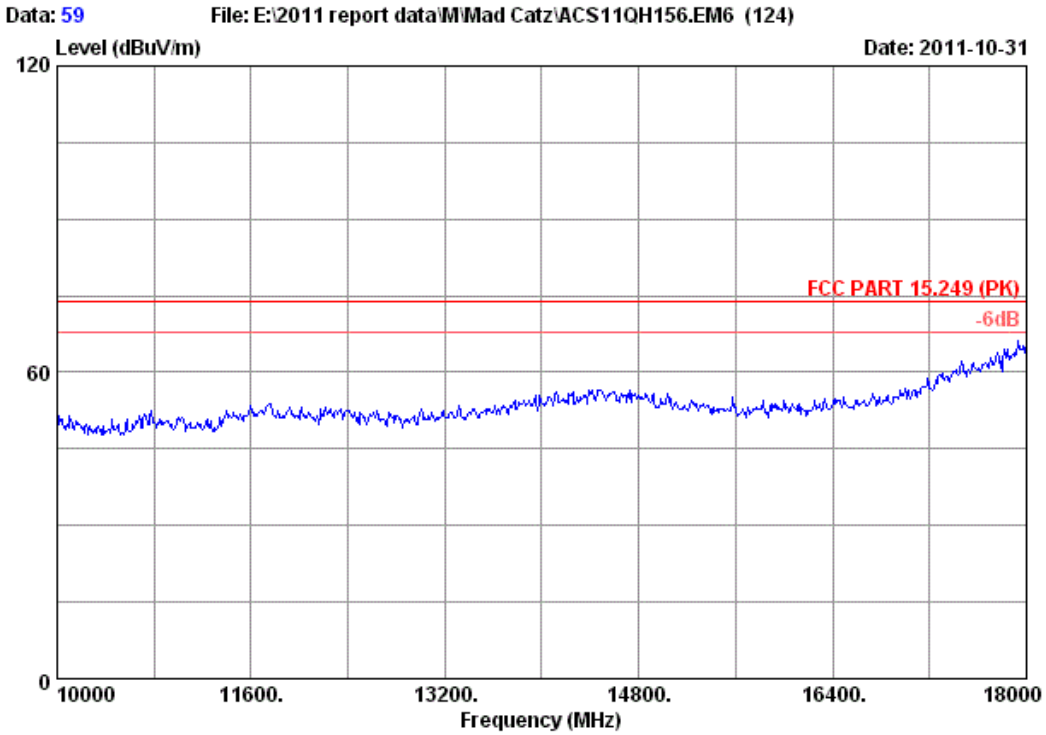

```
Site no.      : 3m Chamber              Data no. :  57
Dis. / Ant.   : 3m   2011 3115 4580      Ant. pol. : HORIZONTAL
Limit         : FCC PART 15.249 (PK)
Env. / Ins.   : 23*C/54%                Engineer  : Leo-Li
EUT           : Prime Wireless Stereo Headset
Power         : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode     : Tx Mode 5788MHz
M/N           : 47678T
```



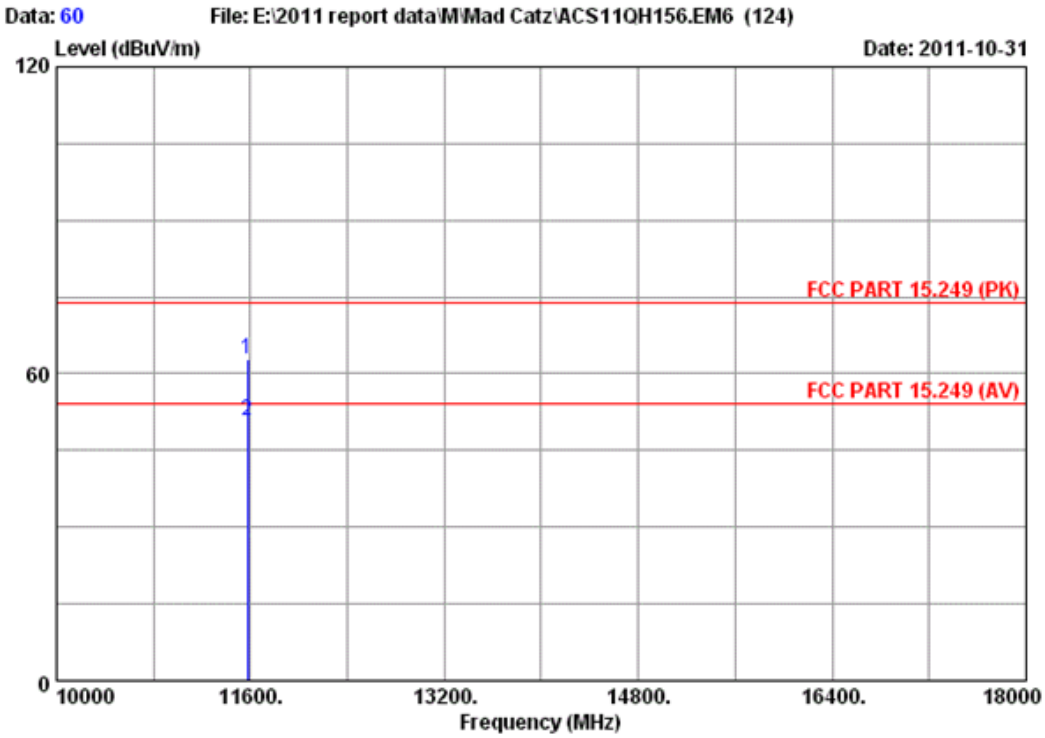

Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5788MHz
M/N : 47678T

| | 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 | 11576.000 | 39.16 | 14.38 | 34.82 | 31.87 | 50.59 | 54.00 | 3.41 | Average |
| 2 | 11576.000 | 39.16 | 14.38 | 34.82 | 43.91 | 62.63 | 74.00 | 11.37 | 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.



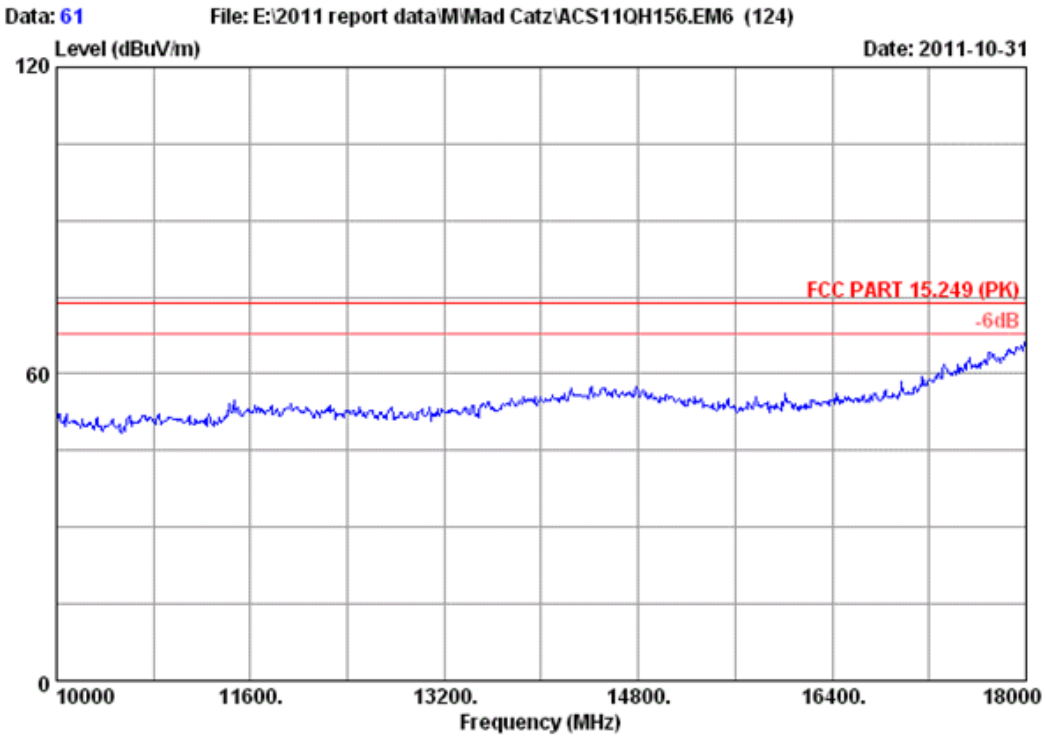

| | | | |
|---|---|---|---|
| Site no. | : 3m Chamber | Data no. | : 59 |
| Dis. / Ant. | : 3m 2011 3115 4580 | Ant. pol. | : VERTICAL |
| Limit | : FCC PART 15.249 (PK) | | |
| Env. / Ins. | : 23*C/54% | Engineer | : Leo-Li |
| EUT | : Prime Wireless Stereo Headset | | |
| Power | : DC 5V From XBOX360 Input AC 120V/60Hz | | |
| Test mode | : Tx Mode 5788MHz | | |
| M/N | : 47678T | | |



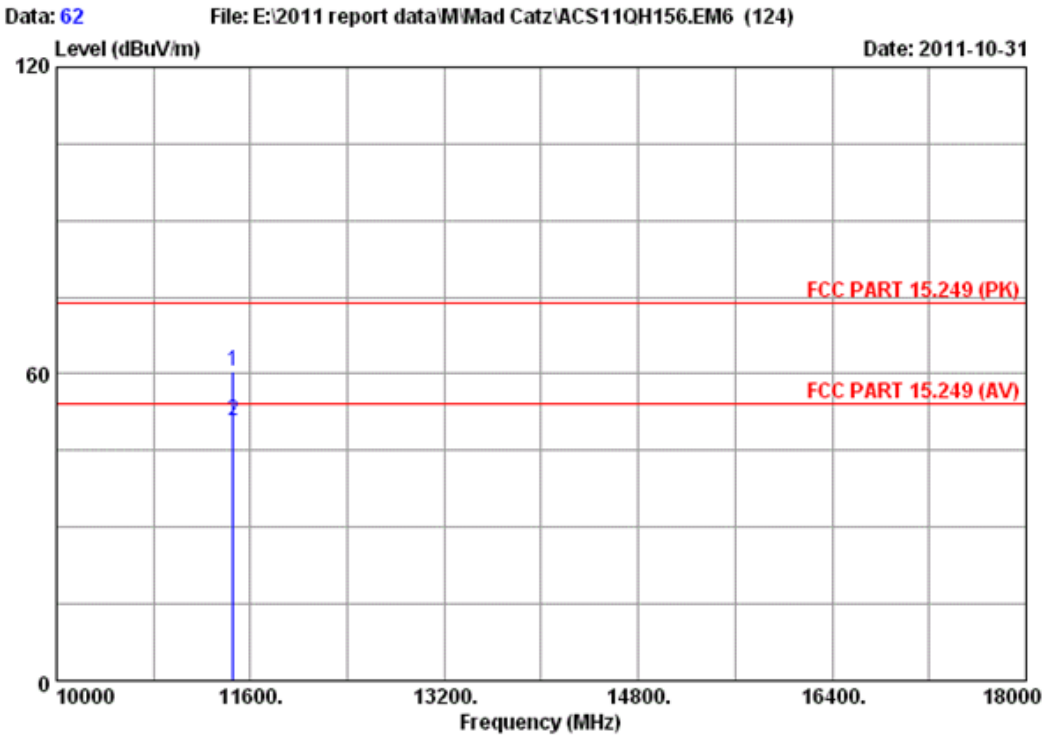

Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5788MHz
M/N : 47678T

| | 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 | 11576.000 | 39.16 | 14.38 | 34.82 | 43.96 | 62.68 | 74.00 | 11.32 | Peak |
| 2 | 11576.000 | 39.16 | 14.38 | 34.82 | 32.21 | 50.93 | 54.00 | 3.07 | Average |

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.



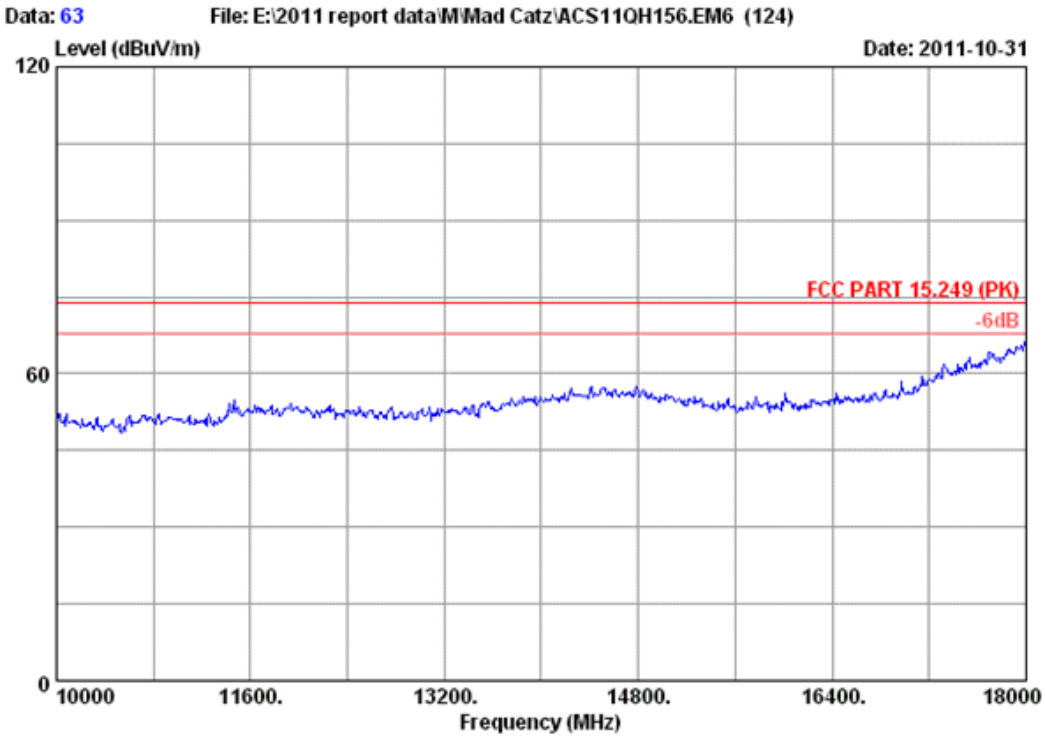

```
Site no.      : 3m Chamber              Data no. :  61
Dis. / Ant.   : 3m   2011 3115 4580      Ant. pol. : HORIZONTAL
Limit         : FCC PART 15.249 (PK)
Env. / Ins.   : 23*C/54%                Engineer  : Leo-Li
EUT           : Prime Wireless Stereo Headset
Power         : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode     : Tx Mode 5730MHz
M/N           : 47678T
```



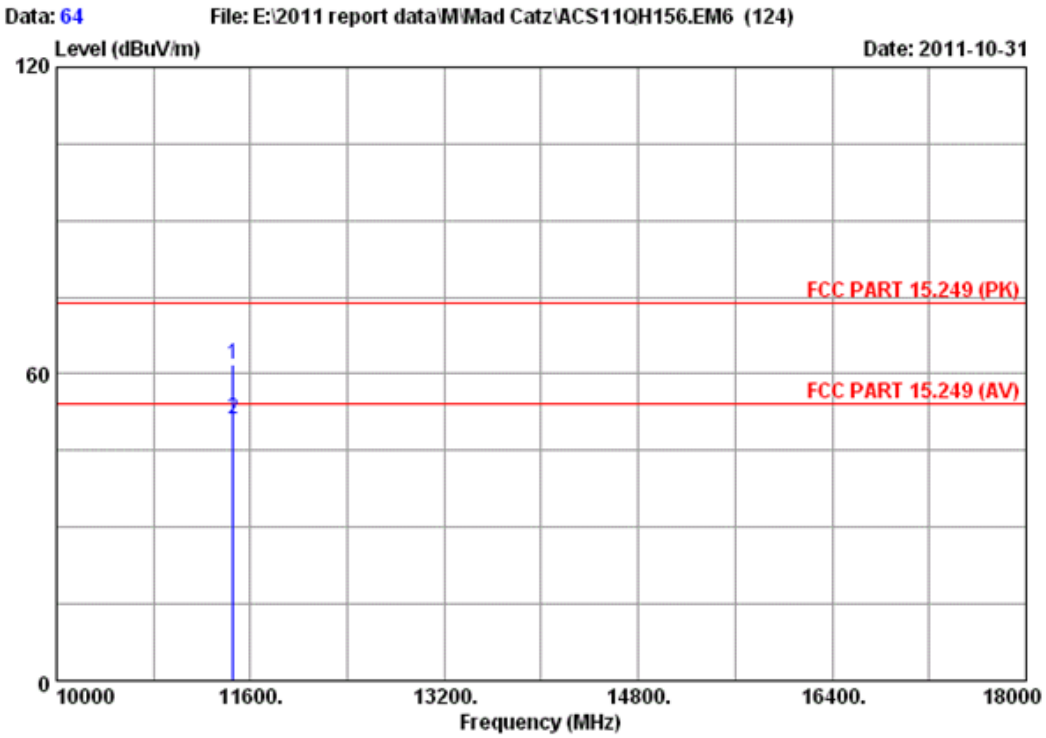

Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 11460.000 | 39.03 | 14.30 | 34.79 | 41.85 | 60.39 | 74.00 | 13.61 | Peak |
| 2 | 11460.000 | 39.03 | 14.30 | 34.79 | 32.21 | 50.75 | 54.00 | 3.25 | Average |

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.



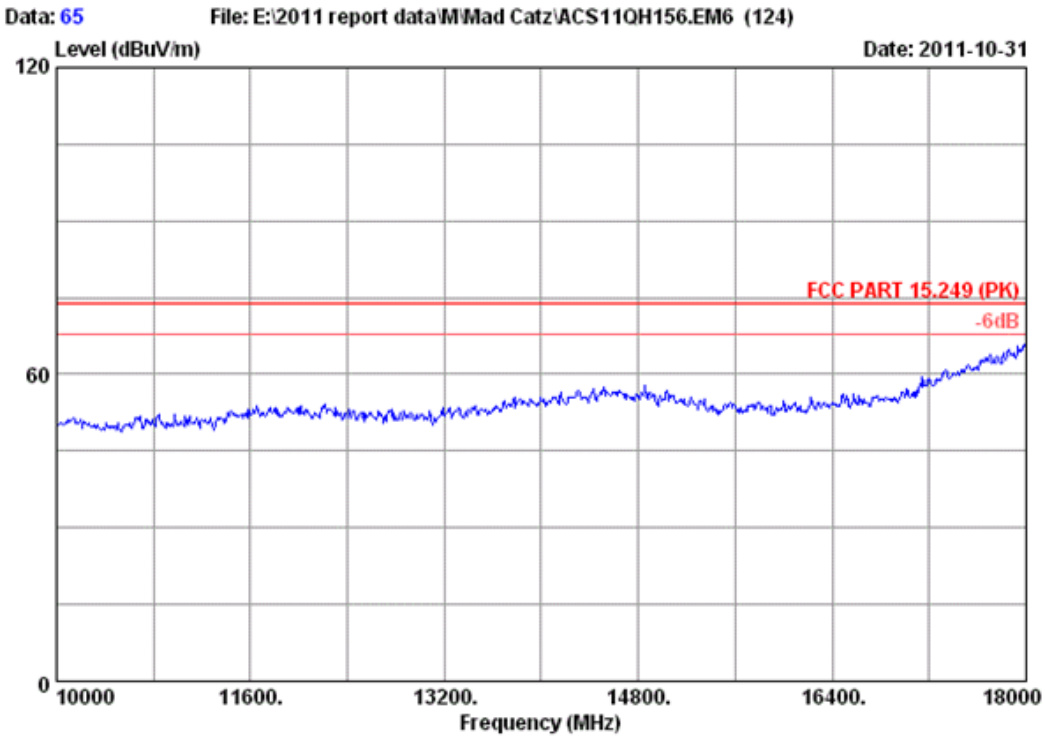

```
Site no.      : 3m Chamber              Data no. :  63
Dis. / Ant.   : 3m   2011 3115 4580      Ant. pol. : VERTICAL
Limit         : FCC PART 15.249 (PK)
Env. / Ins.   : 23*C/54%                Engineer  : Leo-Li
EUT           : Prime Wireless Stereo Headset
Power         : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode     : Tx Mode 5730MHz
M/N           : 47678T
```



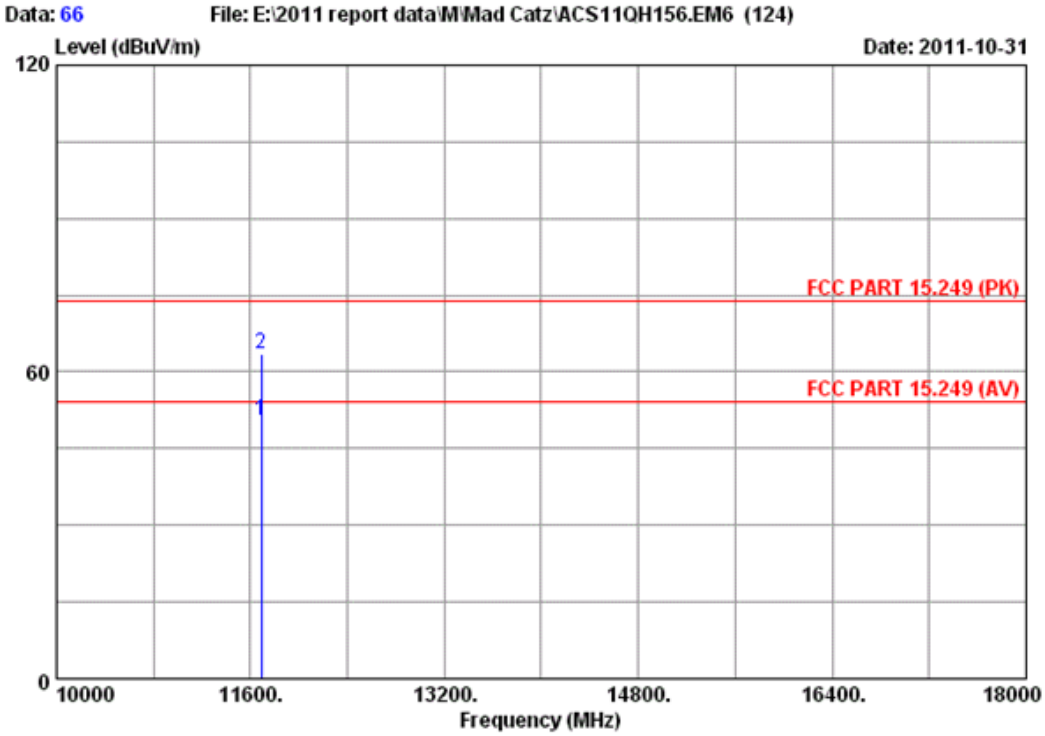

Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 11460.000 | 39.03 | 14.30 | 34.79 | 43.20 | 61.74 | 74.00 | 12.26 | Peak |
| 2 | 11460.000 | 39.03 | 14.30 | 34.79 | 32.45 | 50.99 | 54.00 | 3.01 | Average |

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.



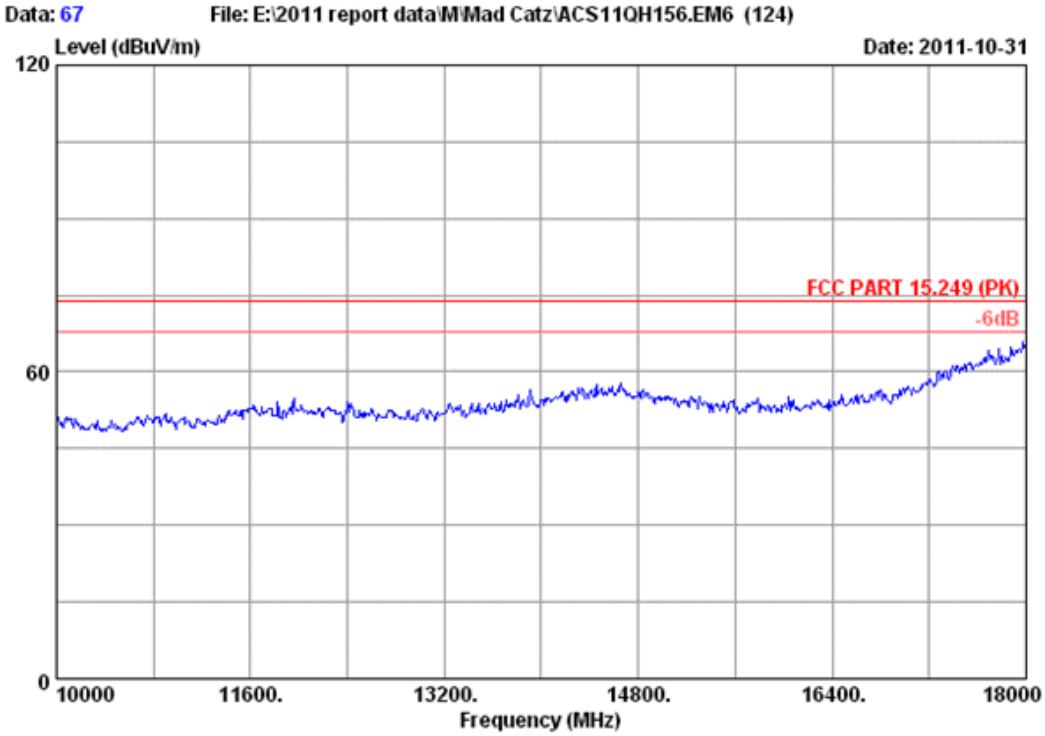

```
Site no.      : 3m Chamber              Data no. :  65
Dis. / Ant.   : 3m   2011 3115 4580      Ant. pol. : HORIZONTAL
Limit         : FCC PART 15.249 (PK)
Env. / Ins.   : 23*C/54%                Engineer  : Leo-Li
EUT           : Prime Wireless Stereo Headset
Power         : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode     : Tx Mode 5845MHz
M/N           : 47678T
```



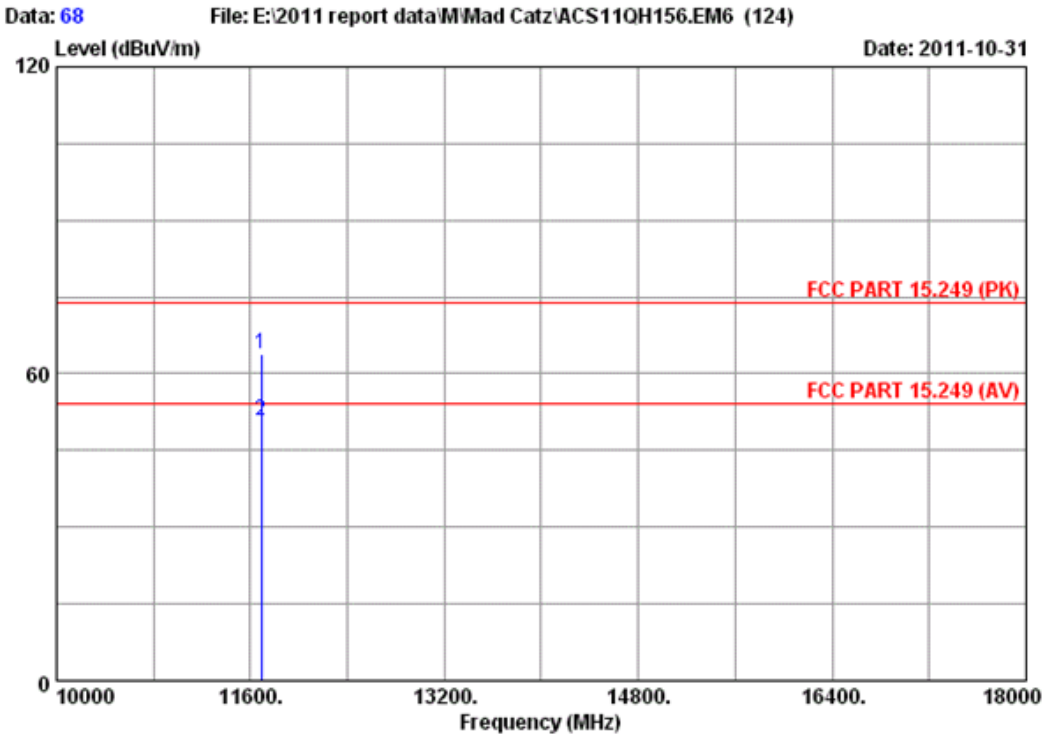

Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 11690.000 | 39.25 | 14.44 | 34.84 | 31.64 | 50.49 | 54.00 | 3.51 | Average |
| 2 | 11690.000 | 39.25 | 14.44 | 34.84 | 44.59 | 63.44 | 74.00 | 10.56 | 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.



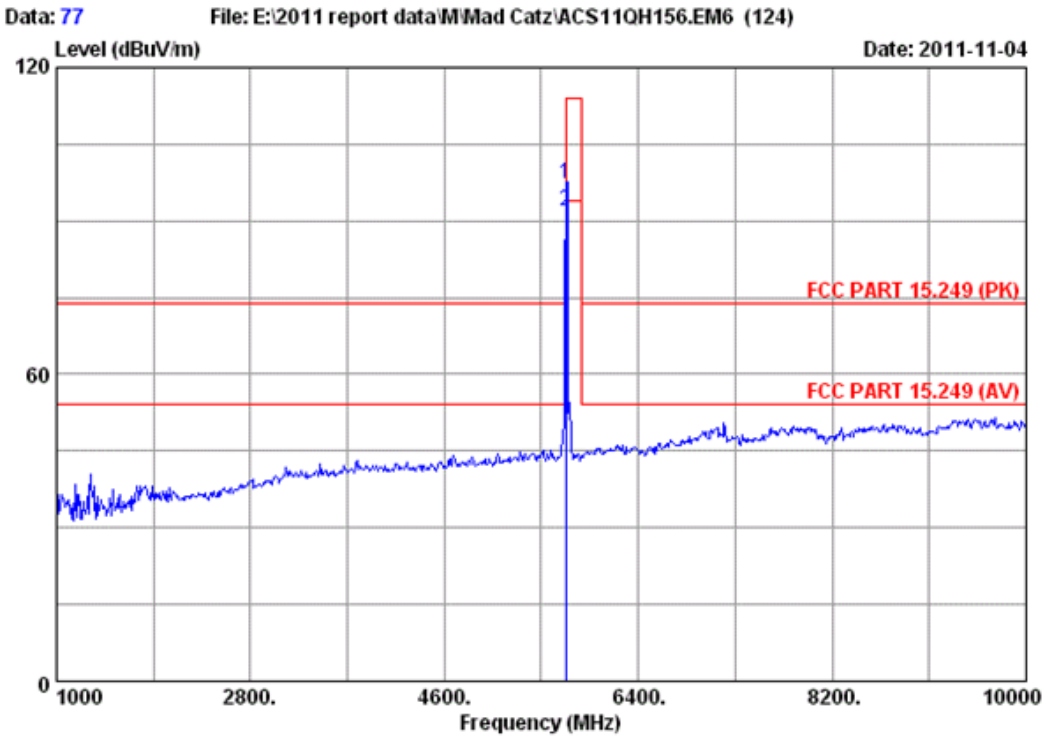

Site no. : 3m Chamber Data no. : 67
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T




Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 11690.000 | 39.25 | 14.44 | 34.84 | 45.08 | 63.93 | 74.00 | 10.07 | Peak |
| 2 | 11690.000 | 39.25 | 14.44 | 34.84 | 32.07 | 50.92 | 54.00 | 3.08 | Average |

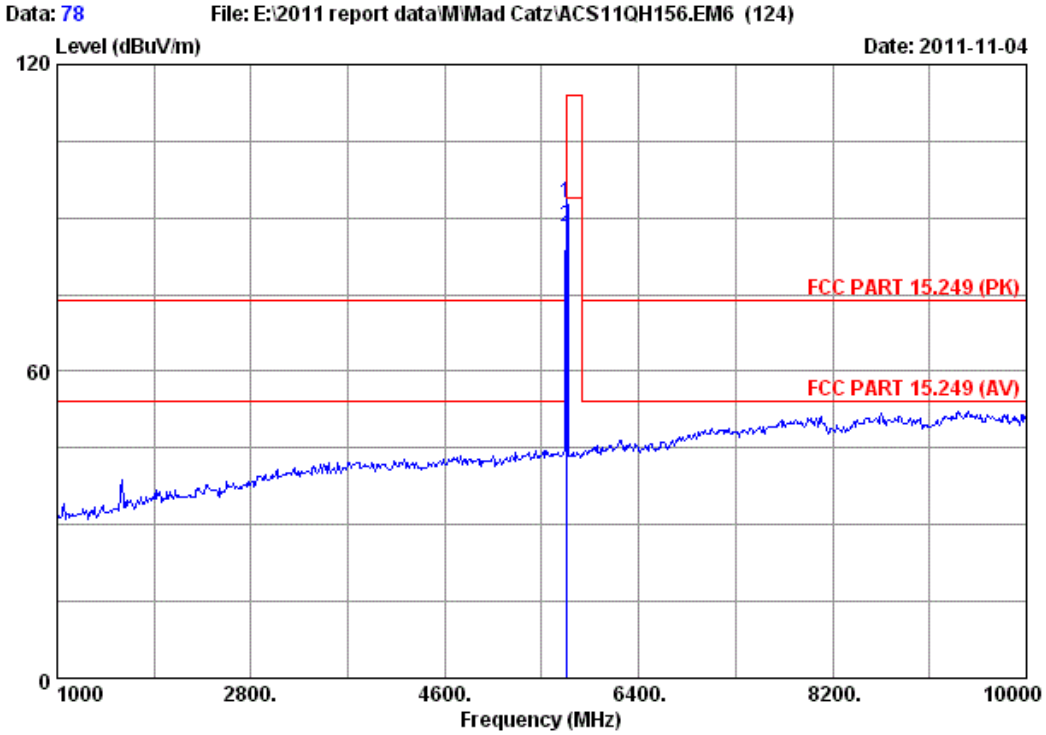
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 77
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 5730.000 | 34.03 | 10.45 | 34.60 | 87.48 | 97.36 | 114.00 | 16.64 | Peak |
| 2 | 5730.000 | 34.03 | 10.45 | 34.60 | 82.10 | 91.98 | 94.00 | 2.02 | Average |

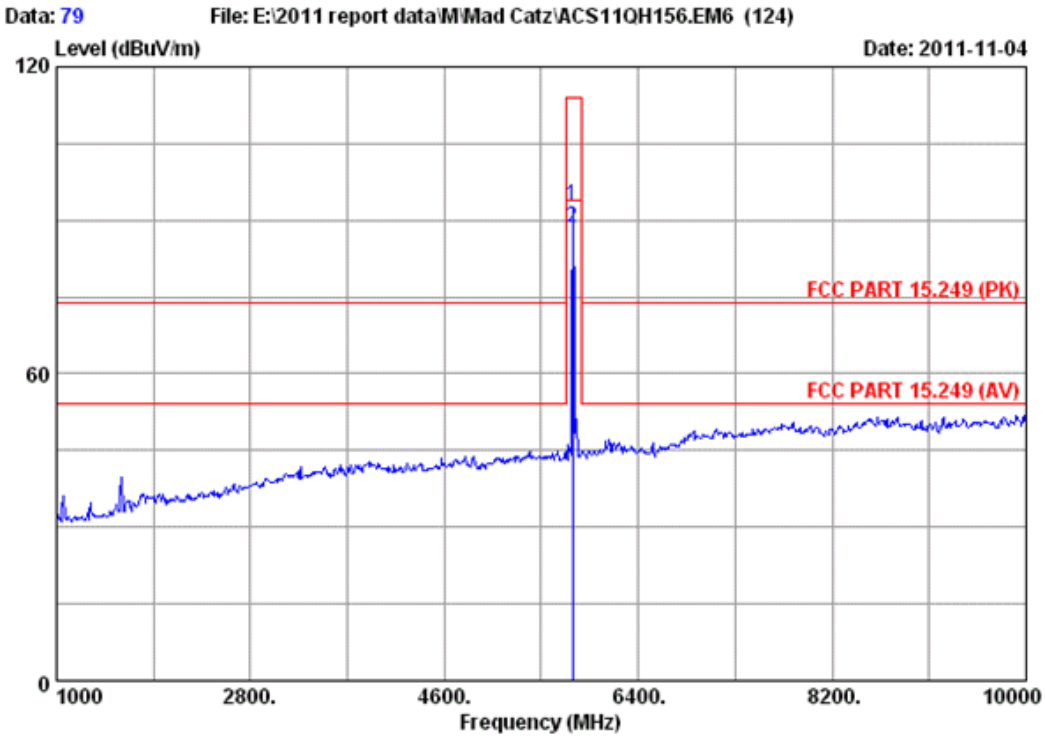
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 78
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 5730.000 | 34.03 | 10.45 | 34.60 | 83.05 | 92.93 | 114.00 | 21.07 | Peak |
| 2 | 5730.000 | 34.03 | 10.45 | 34.60 | 78.43 | 88.31 | 94.00 | 5.69 | Average |

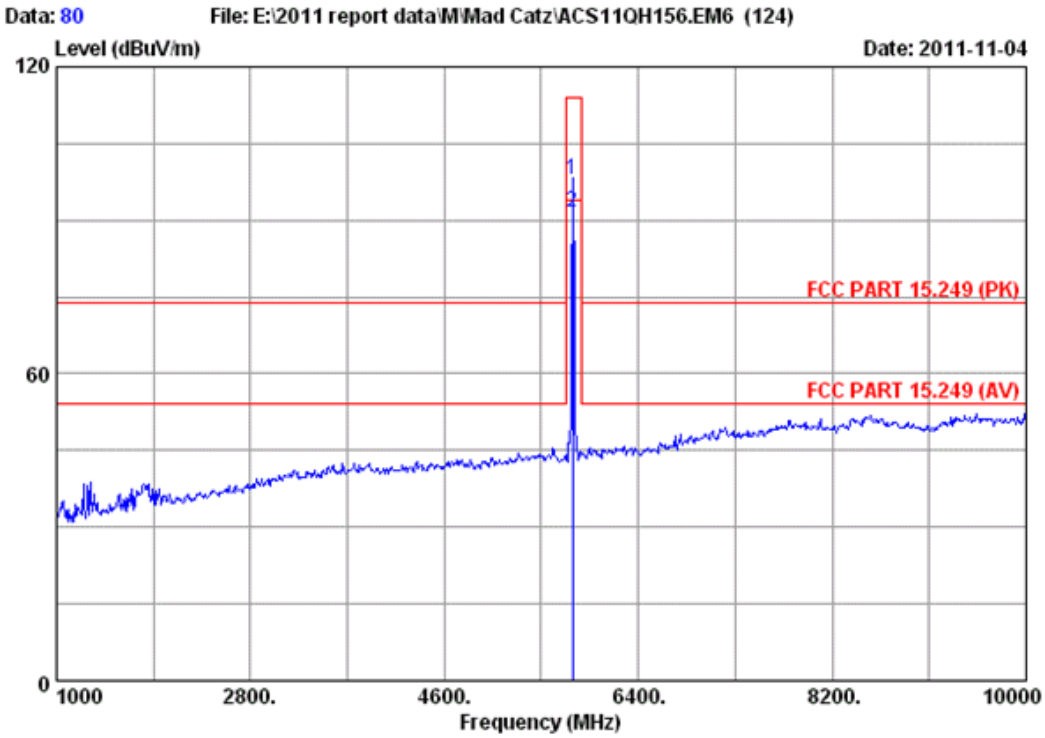
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 79
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5788MHz
M/N : 47678T

| | 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 | 5788.000 | 34.08 | 10.50 | 34.60 | 83.06 | 93.04 | 114.00 | 20.96 | Peak |
| 2 | 5788.000 | 34.08 | 10.50 | 34.60 | 78.69 | 88.67 | 94.00 | 5.33 | Average |

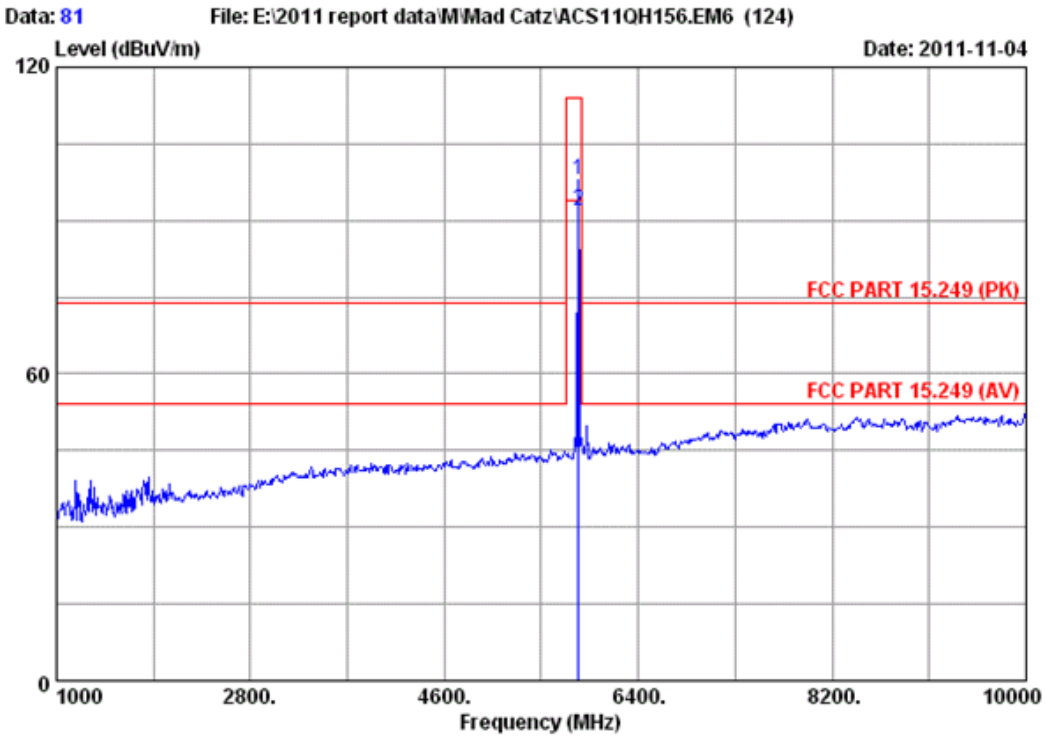
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 80
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5788MHz
M/N : 47678T

| | 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 | 5788.000 | 34.08 | 10.50 | 34.60 | 87.89 | 97.87 | 114.00 | 16.13 | Peak |
| 2 | 5788.000 | 34.08 | 10.50 | 34.60 | 81.69 | 91.67 | 94.00 | 2.33 | Average |

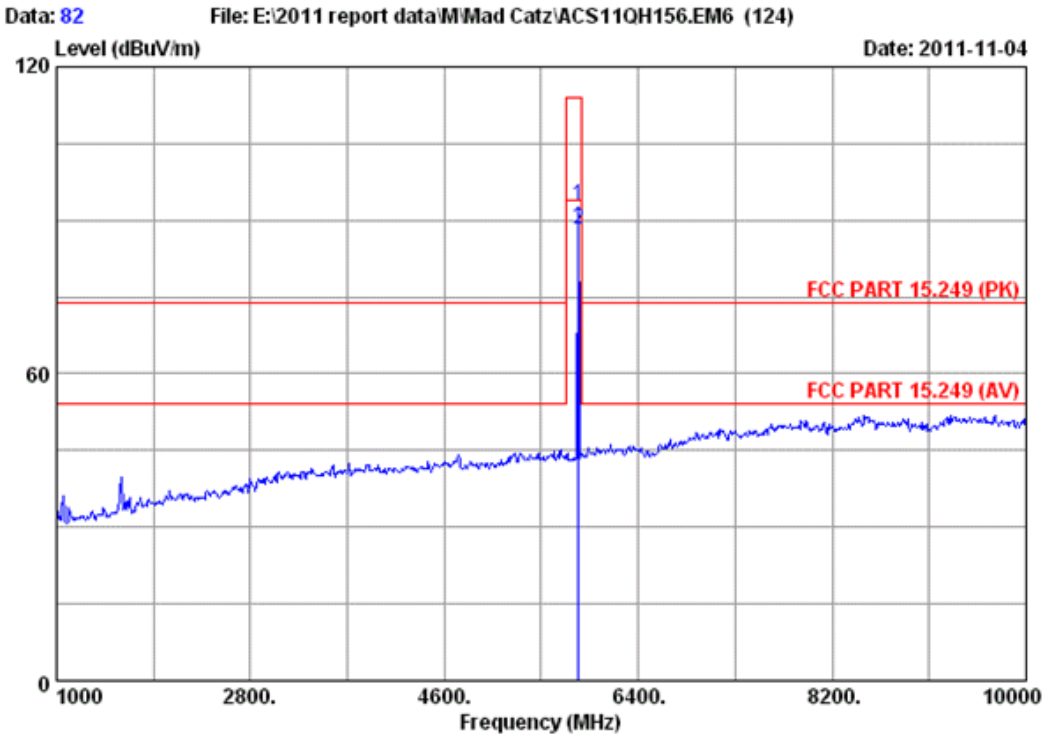
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 81
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 5845.000 | 34.11 | 10.57 | 34.60 | 87.73 | 97.81 | 114.00 | 16.19 | Peak |
| 2 | 5845.000 | 34.11 | 10.57 | 34.60 | 81.76 | 91.84 | 94.00 | 2.16 | Average |

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.




Site no. : 3m Chamber Data no. : 82
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 5845.000 | 34.11 | 10.57 | 34.60 | 82.87 | 92.95 | 114.00 | 21.05 | Peak |
| 2 | 5845.000 | 34.11 | 10.57 | 34.60 | 78.26 | 88.34 | 94.00 | 5.66 | Average |

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. 20 DB BANDWIDTH TEST

## 5.1.Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08,11 | 1 Year |

## 5.2.Limit

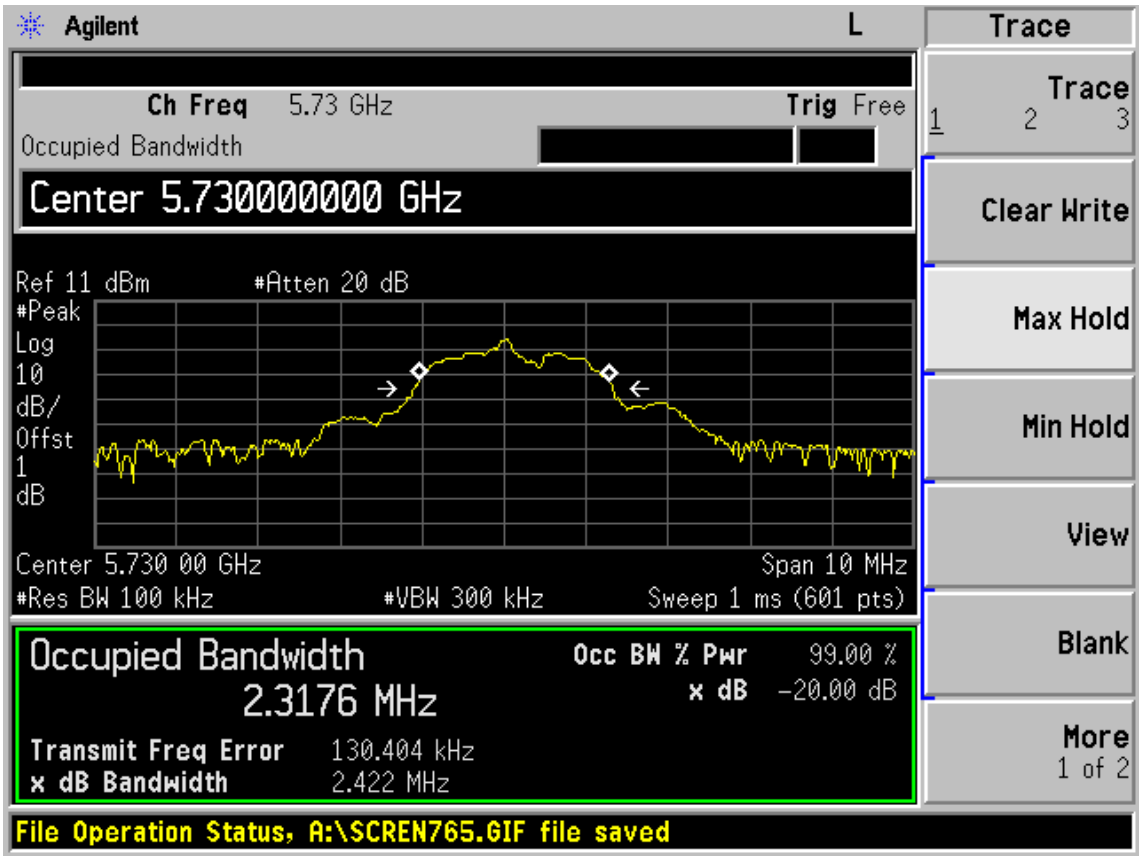
Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

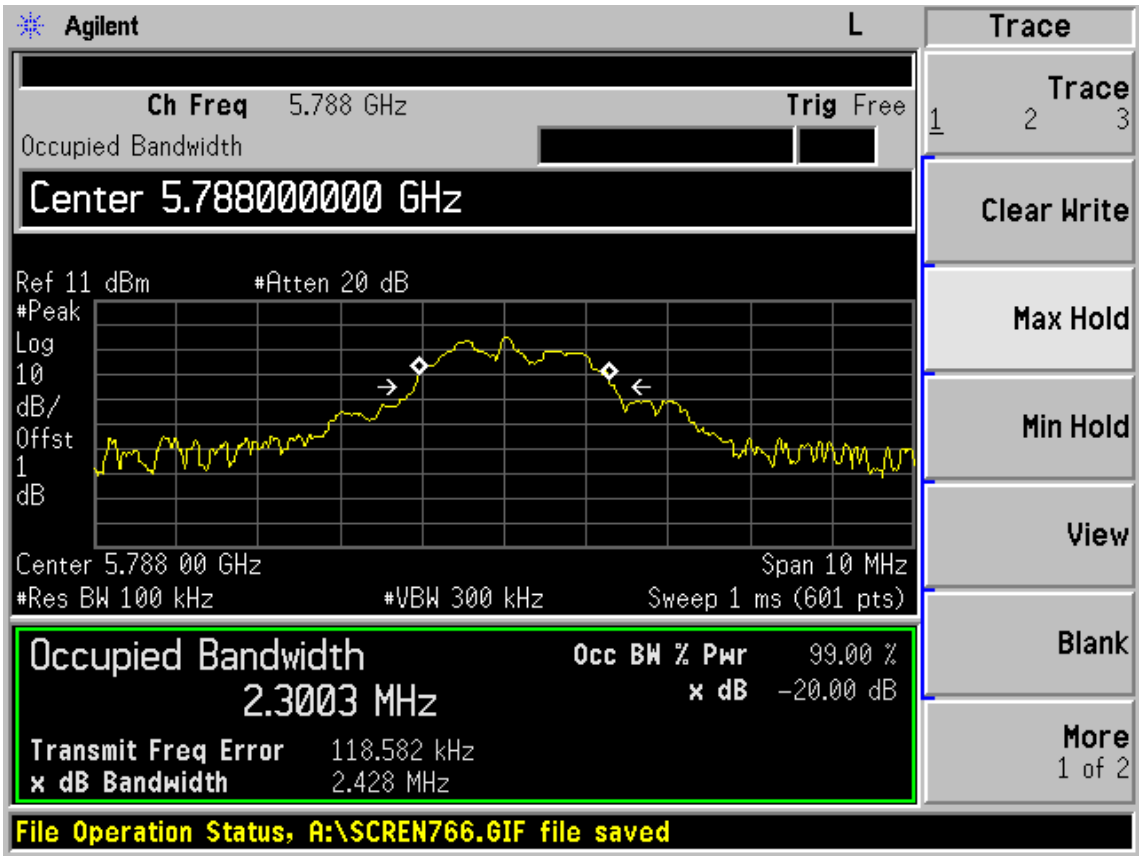
## 5.3.Test Results

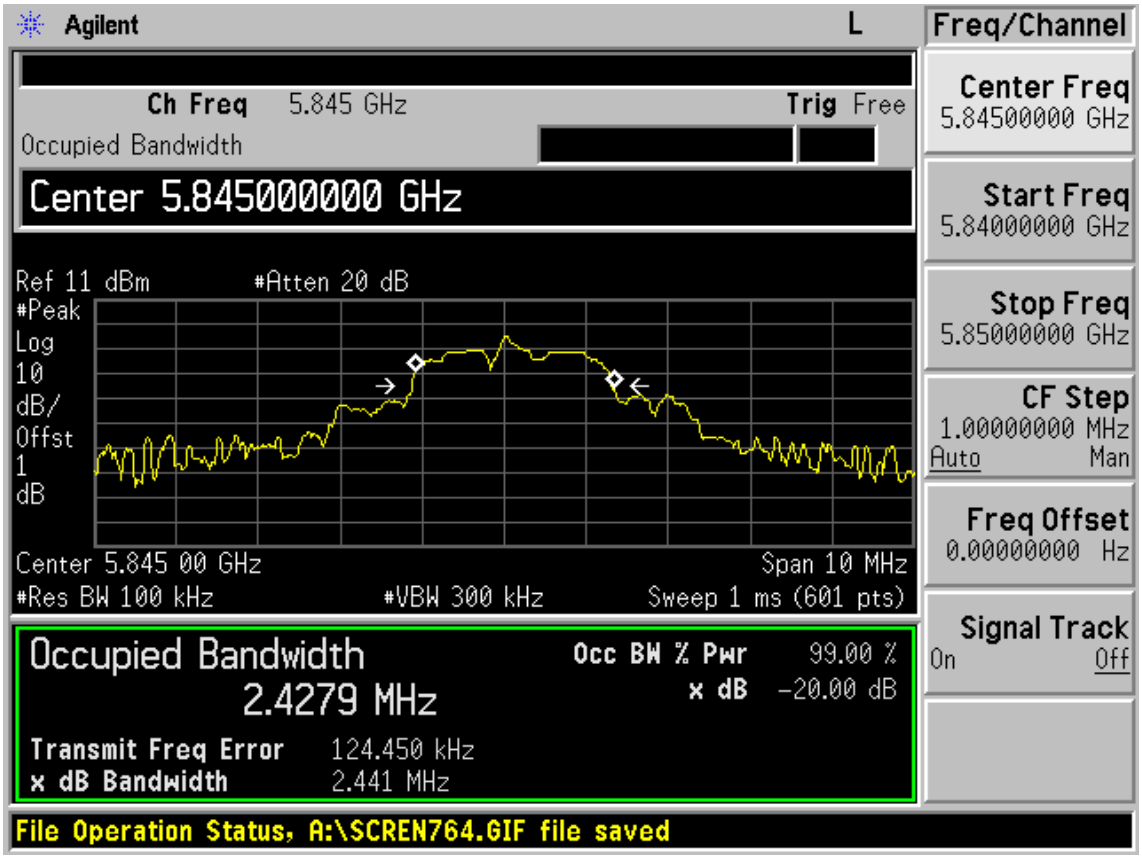
| EUT:Prime Wireless Stereo Headset | | |
|---|---|---|
| M/N: 47678T | | |
| Test date:2011-10-25 | Pressure: 101.8 kpa | Humidity: 52 % |
| Tested by: Leo-Li | Test site: RF site | Temperature：25.6 ℃ |

| | Frequency | 20dB bandwidth （MHz） | Limit (KHz) |
|---|---|---|---|
| ANT 0 | 5730 MHz | 2.422 | N/A |
| | 5788MHz | 2.428 | N/A |
| | 5845MHz | 2.441 | N/A |
| ANT 1 | 5730 MHz | 2.432 | N/A |
| | 5788MHz | 2.479 | N/A |
| | 5845MHz | 2.436 | N/A |
| Conclusion：PASS | | | |

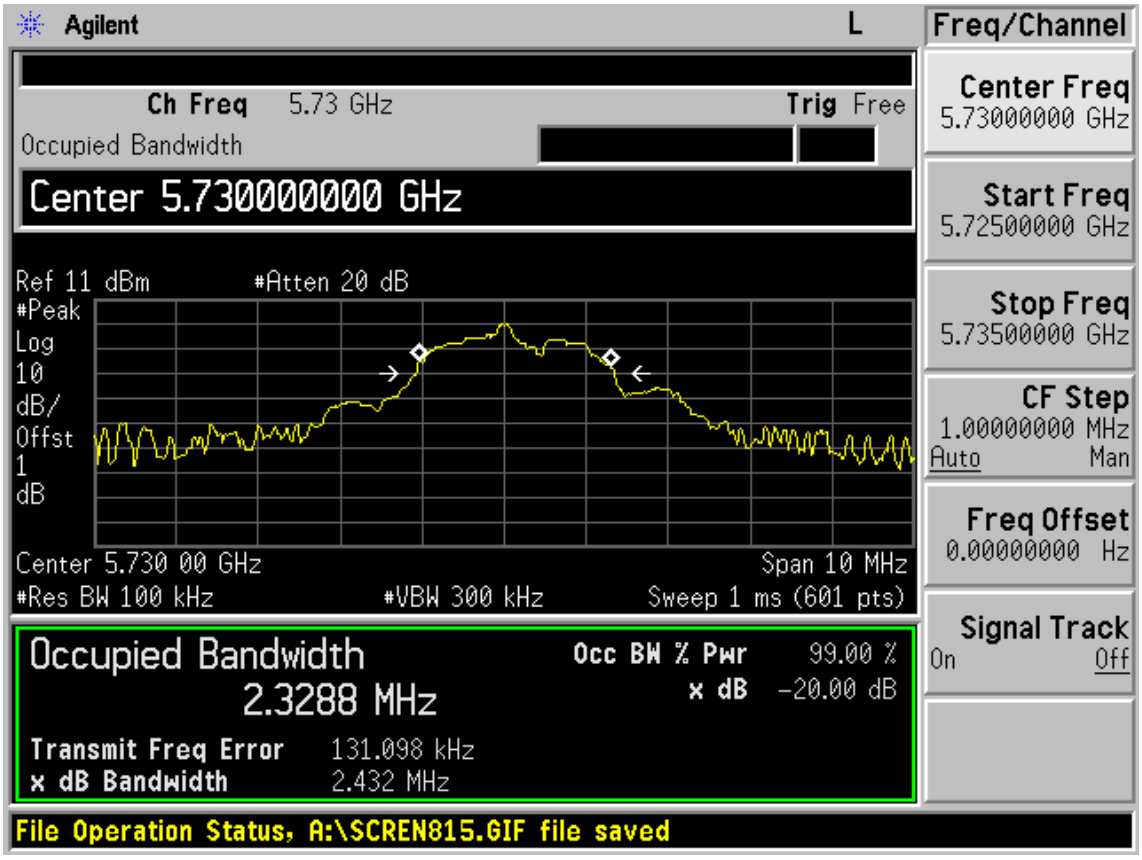
ANT 0

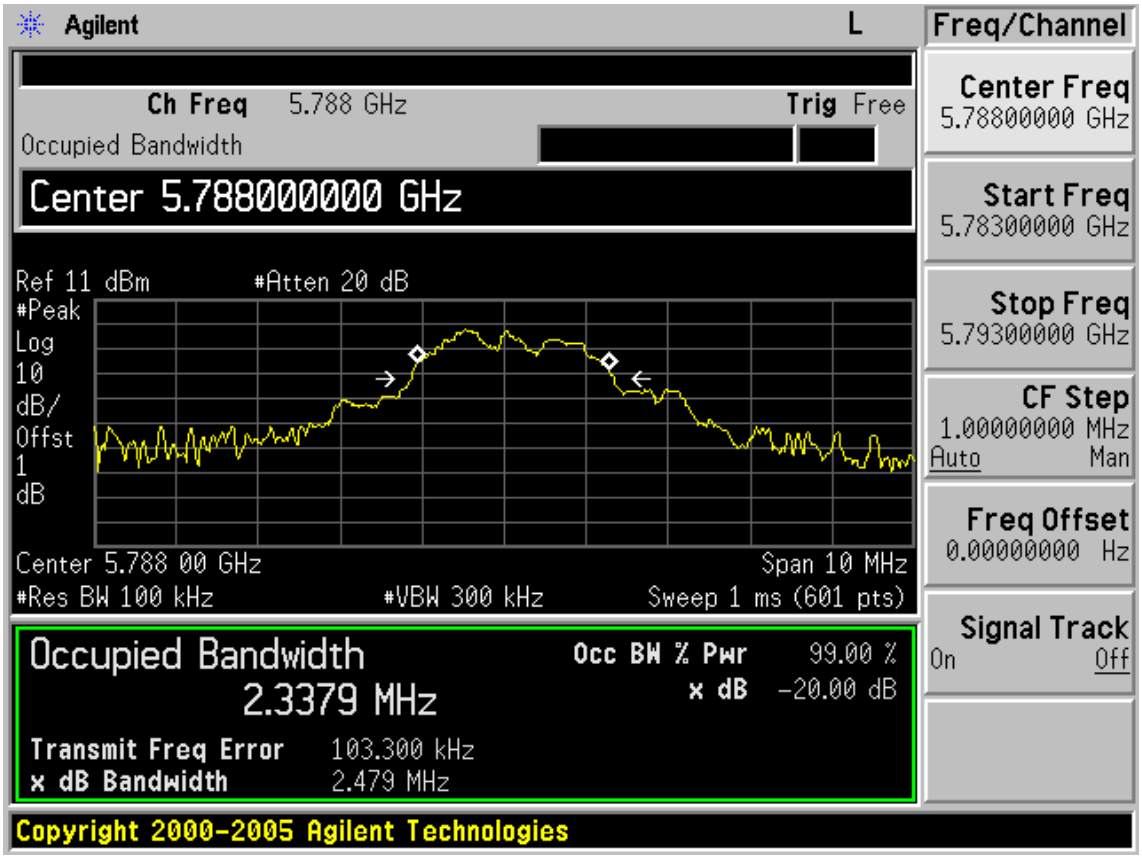

Agilent
L
Trace
Ch Freq 5.73 GHz
Trig Free
Occupied Bandwidth
Center 5.730000000 GHz
Ref 11 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 5.730 00 GHz
Span 10 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
2.3176 MHz
Occ BW % Pwr 99.00 %
x dB -20.00 dB
Transmit Freq Error 130.404 kHz
x dB Bandwidth 2.422 MHz
Trace 1 2 3
Clear Write
Max Hold
Min Hold
View
Blank
More 1 of 2
File Operation Status, A:\SCREN765.GIF file saved

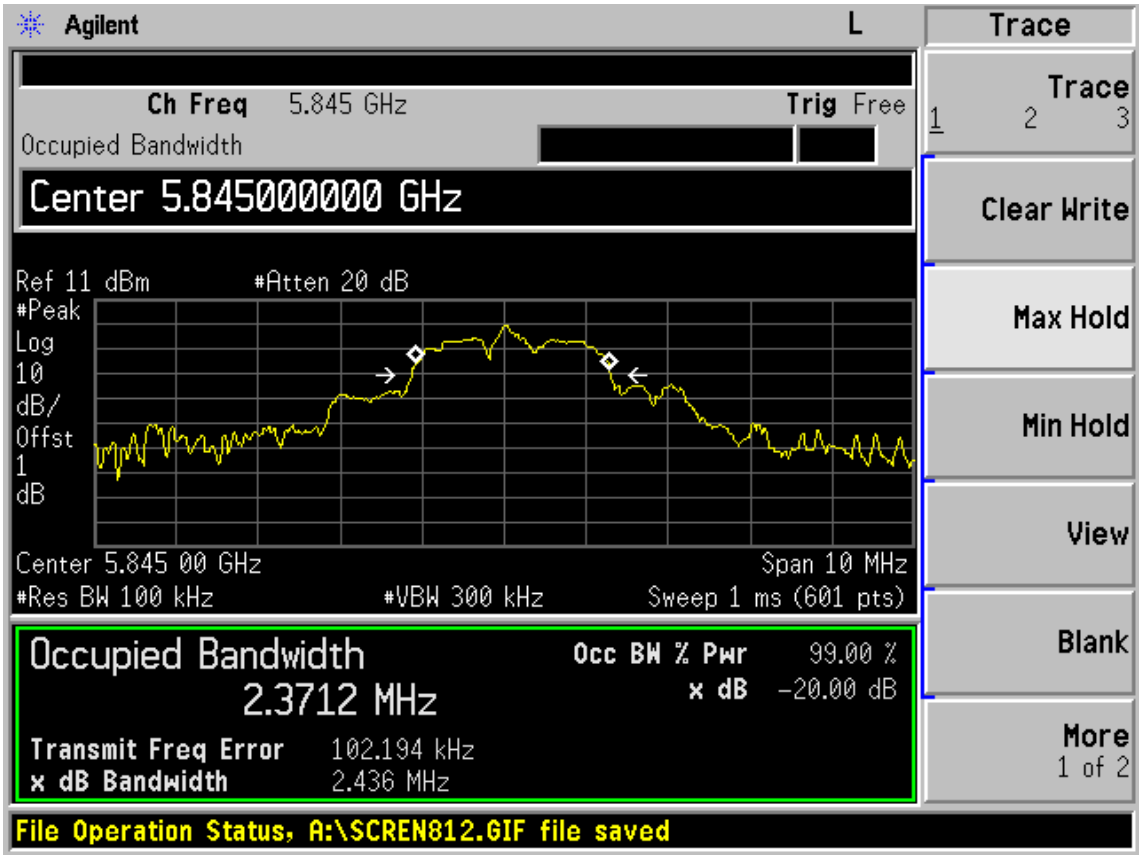

Agilent
L
Trace
Ch Freq 5.788 GHz
Trig Free
Occupied Bandwidth
Center 5.788000000 GHz
Ref 11 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 5.788 00 GHz
Span 10 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
2.3003 MHz
Occ BW % Pwr 99.00 %
x dB -20.00 dB
Transmit Freq Error 118.582 kHz
x dB Bandwidth 2.428 MHz
Trace 1 2 3
Clear Write
Max Hold
Min Hold
View
Blank
More 1 of 2
File Operation Status, A:\SCREN766.GIF file saved


Agilent
L
Freq/Channel
Ch Freq 5.845 GHz
Trig Free
Occupied Bandwidth
Center 5.845000000 GHz
Ref 11 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 5.845 00 GHz
Span 10 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
2.4279 MHz
Occ BW % Pwr 99.00 %
x dB -20.00 dB
Transmit Freq Error 124.450 kHz
x dB Bandwidth 2.441 MHz
Center Freq
5.84500000 GHz
Start Freq
5.84000000 GHz
Stop Freq
5.85000000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
File Operation Status, A:\SCREN764.GIF file saved

ANT 1


Agilent
L
Freq/Channel
Ch Freq 5.73 GHz
Trig Free
Occupied Bandwidth
Center 5.730000000 GHz
Ref 11 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 5.730 00 GHz
Span 10 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
2.3288 MHz
Occ BW % Pwr 99.00 %
x dB -20.00 dB
Transmit Freq Error 131.098 kHz
x dB Bandwidth 2.432 MHz
Center Freq
5.73000000 GHz
Start Freq
5.72500000 GHz
Stop Freq
5.73500000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
File Operation Status, A:\SCREN815.GIF file saved


Agilent
L
Freq/Channel
Ch Freq 5.788 GHz
Trig Free
Occupied Bandwidth
Center 5.788000000 GHz
Ref 11 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 5.788 00 GHz
Span 10 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
2.3379 MHz
Occ BW % Pwr 99.00 %
x dB -20.00 dB
Transmit Freq Error 103.300 kHz
x dB Bandwidth 2.479 MHz
Center Freq
5.78800000 GHz
Start Freq
5.78300000 GHz
Stop Freq
5.79300000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2005 Agilent Technologies


Agilent
L
Trace
Ch Freq 5.845 GHz
Trig Free
Occupied Bandwidth
Center 5.845000000 GHz
Ref 11 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 5.845 00 GHz
Span 10 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
2.3712 MHz
Occ BW % Pwr 99.00 %
x dB -20.00 dB
Transmit Freq Error 102.194 kHz
x dB Bandwidth 2.436 MHz
Trace
1 2 3
Clear Write
Max Hold
Min Hold
View
Blank
More
1 of 2
File Operation Status, A:\SCREN812.GIF file saved

# 6. BAND EDGE COMPLIANCE TEST

## 6.1. Test Equipment

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|---|---|---|---|---|---|---|
| 1. | Spectrum Analyzer | Agilent | E4446A | US44300459 | May.08,11 | 1 Year |
| 2. | Horn Antenna | EMCO | 3115 | 9607-4877 | Nov.25, 10 | 1.5 Year |
| 3. | Amplifier | Agilent | 8449B | 3008A02495 | May.08, 11 | 1 Year |
| 4. | RF Cable | Hubersuhner | SUCOFLEX102 | 28620/2 | May.08,11 | 1 Year |
| 5. | RF Cable | Hubersuhner | SUCOFLEX102 | 28618/2 | May.08,11 | 1 Year |
| 6. | RF Cable | Hubersuhner | SUCOFLEX102 | 28610/2 | May.08,11 | 1 Year |

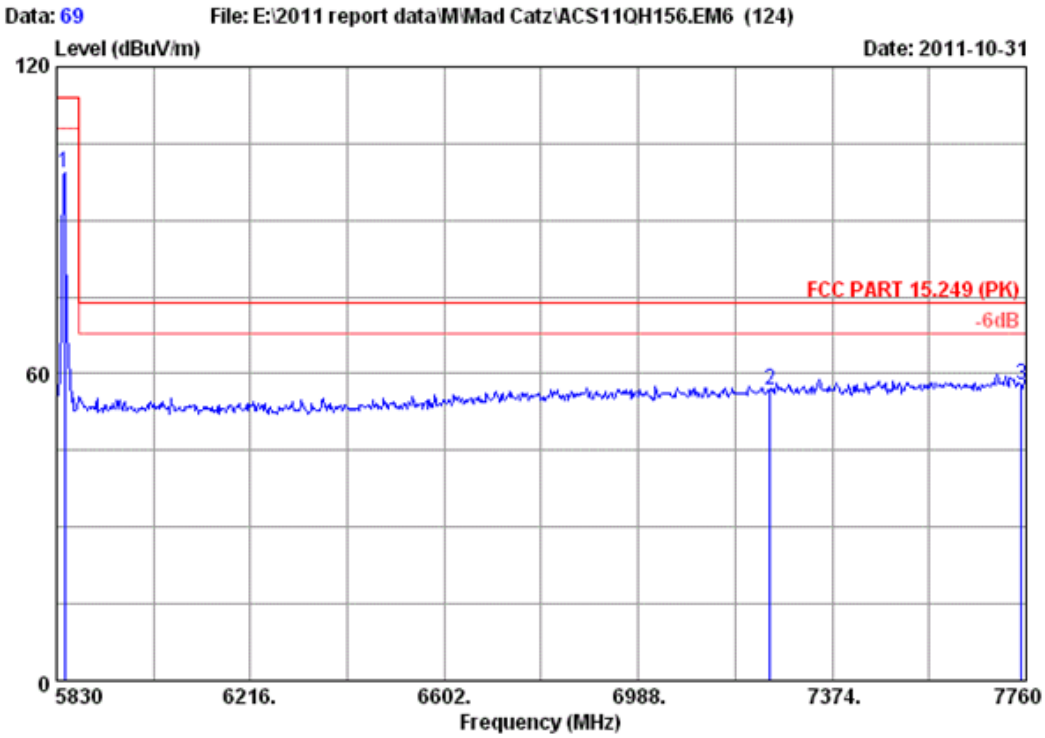
## 6.2. Limit

All the lower and upper band-edges emissions shall comply with the radiated emission
Limit 15.209.

## 6.3. Test Produce

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
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:

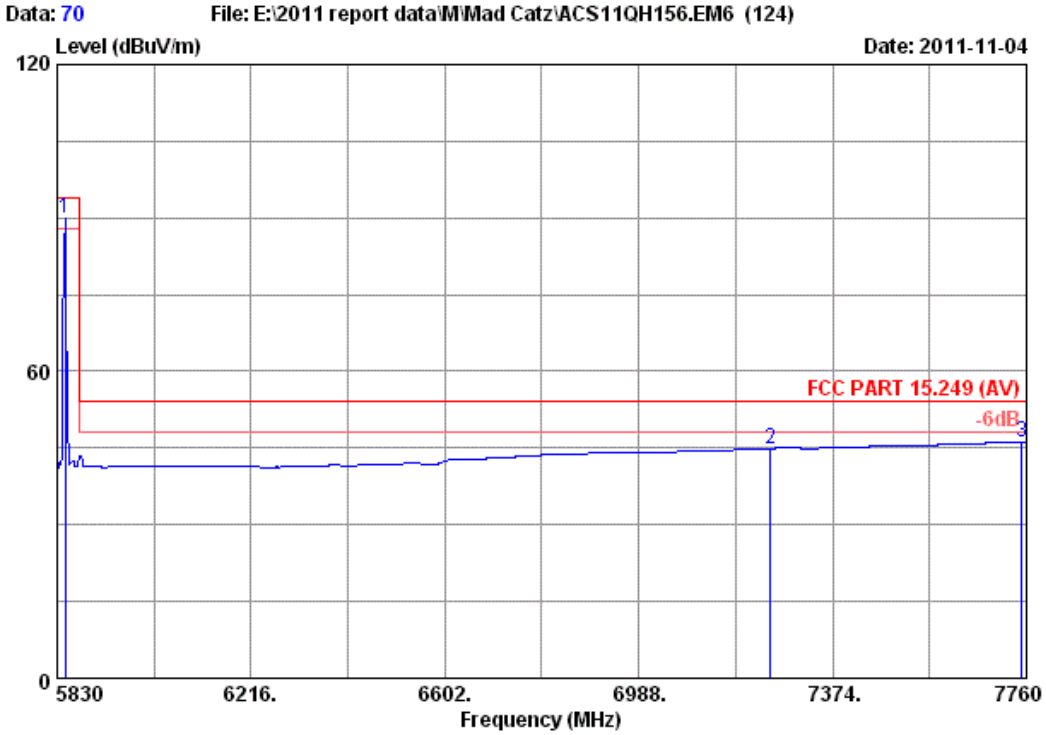
(a) PEAK: RBW=1MHz ;VBW=3MHz, PK detector, Sweep=AUTO
(b) AV: RBW=1MHz ;VBW=10Hz, PK detector, Sweep=AUTO




Site no. : 3m Chamber Data no. : 69
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 5845.440 | 34.11 | 10.57 | 34.60 | 89.04 | 99.12 | 114.00 | 14.88 | Peak |
| 2 | 7250.000 | 35.87 | 11.85 | 34.72 | 43.85 | 56.85 | 74.00 | 17.15 | Peak |
| 3 | 7750.000 | 36.75 | 12.14 | 34.77 | 43.65 | 57.77 | 74.00 | 16.23 | Peak |

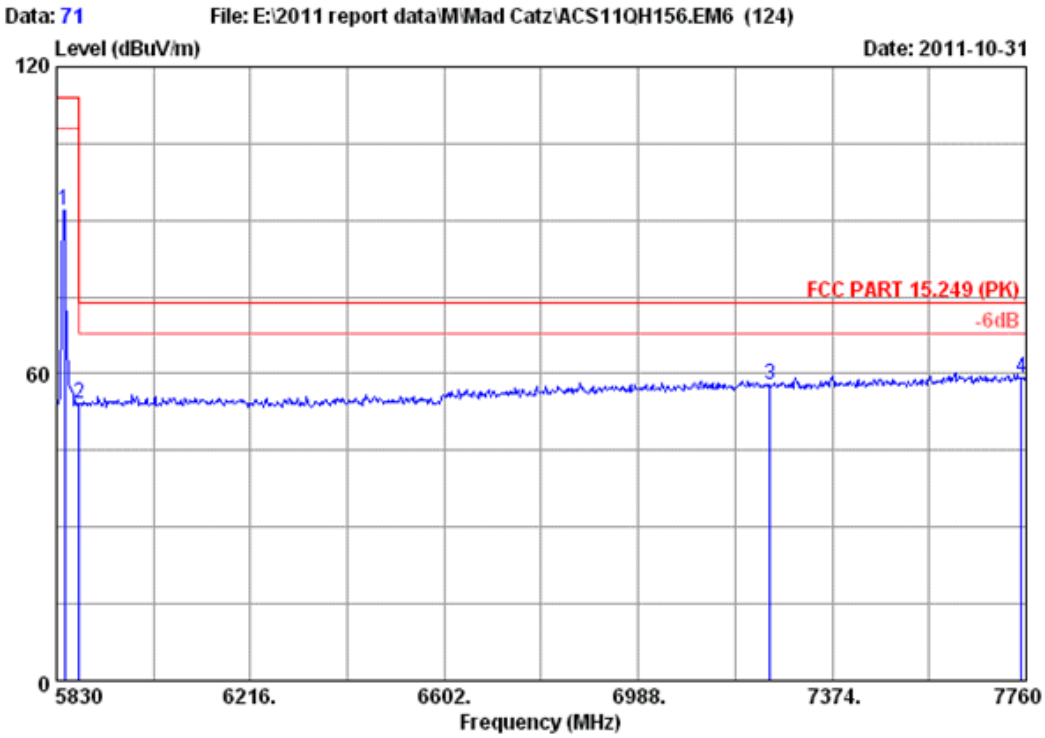
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 70
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (AV)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 5845.440 | 34.11 | 10.57 | 34.60 | 79.87 | 89.95 | 94.00 | 4.05 | Average |
| 2 | 7250.000 | 35.87 | 11.85 | 34.72 | 31.89 | 44.89 | 54.00 | 9.11 | Average |
| 3 | 7750.000 | 36.75 | 12.14 | 34.77 | 32.04 | 46.16 | 54.00 | 7.84 | Average |

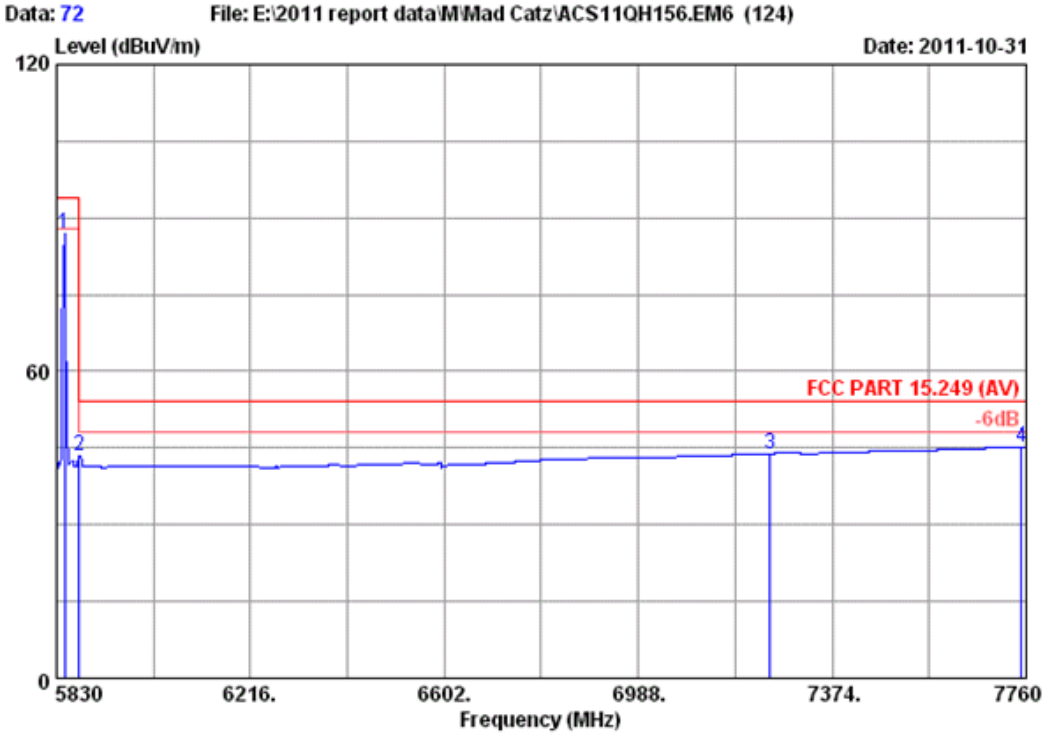
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 71
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 5845.440 | 34.11 | 10.57 | 34.60 | 81.77 | 91.85 | 114.00 | 22.15 | Peak |
| 2 | 5875.000 | 34.13 | 10.59 | 34.60 | 44.16 | 54.28 | 74.00 | 19.72 | Peak |
| 3 | 7250.000 | 35.87 | 11.85 | 34.72 | 44.70 | 57.70 | 74.00 | 16.30 | Peak |
| 4 | 7750.000 | 36.75 | 12.14 | 34.77 | 45.18 | 59.30 | 74.00 | 14.70 | Peak |

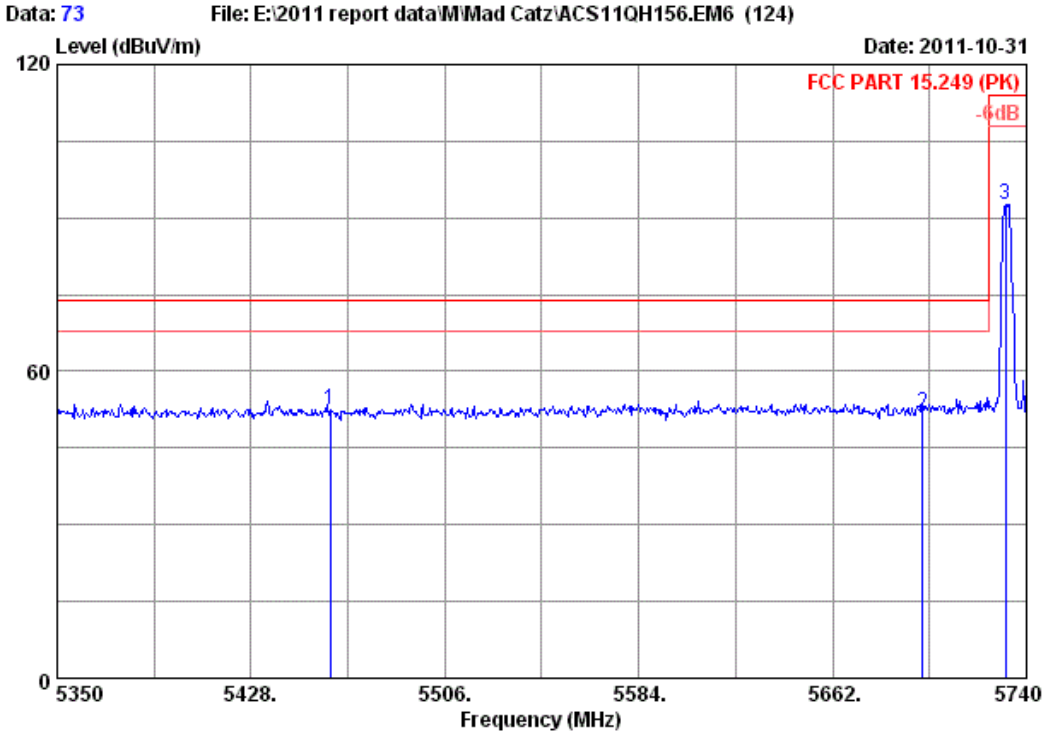
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 72
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (AV)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5845MHz
M/N : 47678T

| | 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 | 5845.440 | 34.11 | 10.57 | 34.60 | 76.87 | 86.95 | 94.00 | 7.05 | Average |
| 2 | 5875.000 | 34.13 | 10.59 | 34.60 | 33.29 | 43.41 | 54.00 | 10.59 | Average |
| 3 | 7250.000 | 35.87 | 11.85 | 34.72 | 30.89 | 43.89 | 54.00 | 10.11 | Average |
| 4 | 7750.000 | 36.75 | 12.14 | 34.77 | 31.04 | 45.16 | 54.00 | 8.84 | Average |

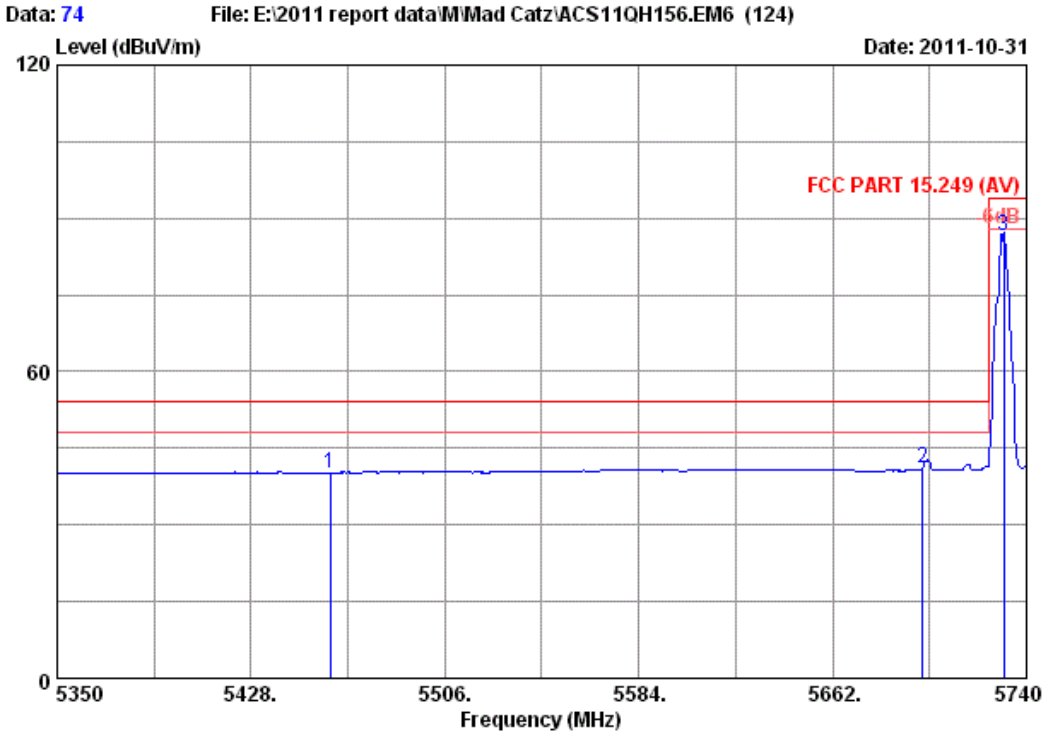
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 73
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 5460.000 | 33.83 | 10.18 | 34.60 | 43.07 | 52.48 | 74.00 | 21.52 | Peak |
| 2 | 5698.270 | 34.01 | 10.41 | 34.60 | 42.03 | 51.85 | 74.00 | 22.15 | Peak |
| 3 | 5731.420 | 34.03 | 10.45 | 34.60 | 82.87 | 92.75 | 114.00 | 21.25 | Peak |

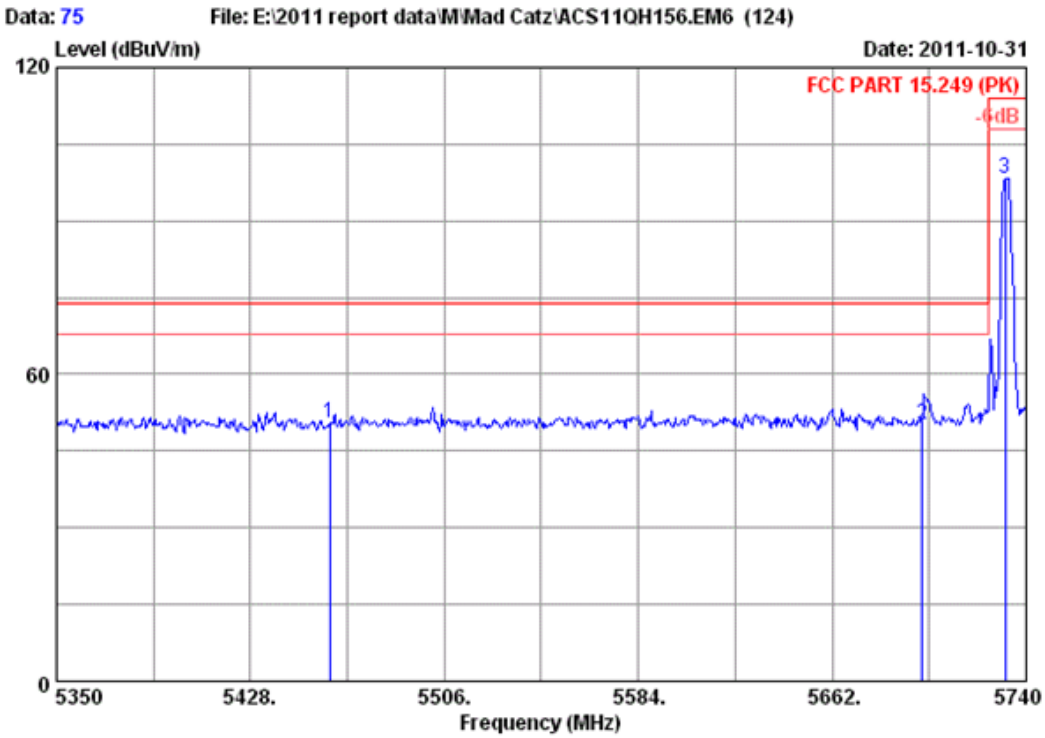
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 74
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : VERTICAL
Limit : FCC PART 15.249 (AV)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 5460.000 | 33.83 | 10.18 | 34.60 | 30.82 | 40.23 | 54.00 | 13.77 | Average |
| 2 | 5698.270 | 34.01 | 10.41 | 34.60 | 31.16 | 40.98 | 54.00 | 13.02 | Average |
| 3 | 5731.000 | 34.03 | 10.45 | 34.60 | 76.68 | 86.56 | 94.00 | 7.44 | Average |

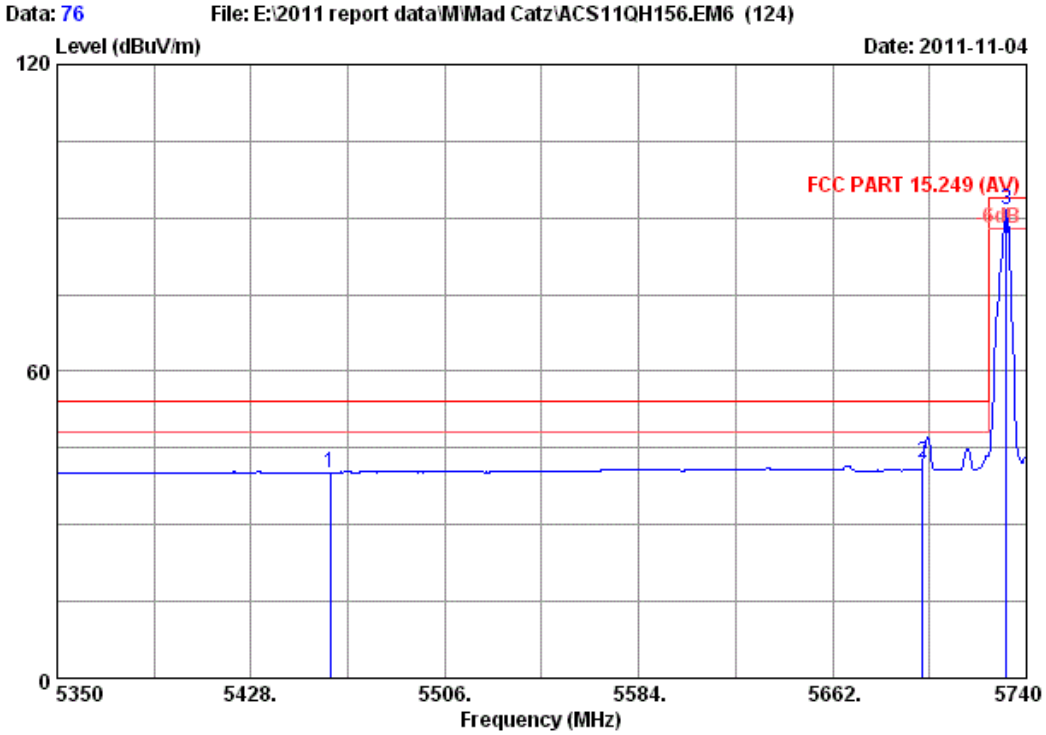
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




Site no. : 3m Chamber Data no. : 75
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (PK)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 5460.000 | 33.83 | 10.18 | 34.60 | 41.04 | 50.45 | 74.00 | 23.55 | Peak |
| 2 | 5698.270 | 34.01 | 10.41 | 34.60 | 40.41 | 50.23 | 74.00 | 23.77 | Peak |
| 3 | 5731.420 | 34.03 | 10.45 | 34.60 | 88.33 | 98.21 | 114.00 | 15.79 | 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.




Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 2011 3115 4580 Ant. pol. : HORIZONTAL
Limit : FCC PART 15.249 (AV)
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : Prime Wireless Stereo Headset
Power : DC 5V From XBOX360 Input AC 120V/60Hz
Test mode : Tx Mode 5730MHz
M/N : 47678T

| | 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 | 5460.000 | 33.83 | 10.18 | 34.60 | 30.79 | 40.20 | 54.00 | 13.80 | Average |
| 2 | 5698.270 | 34.01 | 10.41 | 34.60 | 32.41 | 42.23 | 54.00 | 11.77 | Average |
| 3 | 5731.810 | 34.03 | 10.45 | 34.60 | 81.60 | 91.48 | 94.00 | 2.52 | Average |

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.

# 7. DEVIATION TO TEST SPECIFICATIONS

[NONE]