



Test Lab
Cert 2951.01

FCC and IC TEST REPORT

for

Kadence Designs LLC

Transmitter

Model Number: T 2.2

Prepared for : Kadence Designs LLC
Address : P.O.Box 2359, Thompson Falls, MT 59873

Prepared By : NS Technology Co., Ltd.
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Report Number : NSE-F10085215
Date of Test : Jul. 25~Aug. 10, 2010
Date of Report : Aug. 9, 2010






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| | | | |
|--|--|---|-----------------------|
| Applicant: | Kadence Designs LLC | | |
| Address: | P.O.Box 2359,Thompson Falls,MT 59873 | | |
| Manufacturer: | Celewave Electronics(shenzhen) Co.,Ltd | | |
| Address: | No 1-2 building,No 2 Industry District, Shang Heng lang Huaxing Road, Dalang Street,Baoan District, Shenzhen City,China | | |
| E.U.T: | Transmitter | | |
| Model Number: | T 2.2 | | |
| Trade Name: | Lightspeaker™ | | |
| Operating Frequency: | 2412~2464MHz | | |
| Date of Receipt: | Jul.17, 2010 | Date of Test: | Jul. 25~Aug. 10, 2010 |
| Test Specification: | FCC Part15C :Oct.1, 2009 ANSI C63.4:2003 RSS-210,Issue 7 June 2007 RSS-GEN, Issue 2 June 2007 | | |
| Test Result: | The equipment under test was found to be compliance with the requirements of the standards applied. | | |
| | Issue Date: Aug. 15, 2010 | | |
| Tested by: | Reviewed by: | Approved by: | |
|  |  |  | |
| Jade/ Engineer | Iceman Hu / Supervisor | Steven Lee / Manager | |
| Other Aspects: | None. | | |
| Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested | | | |
| This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of NS Technology Co., Ltd. | | | |



1. GENERAL PRODUCT INFORMATION

1.1. Product Function

Details please refer to Technical Construction Form and User Manual.

1.2. Description of Device (EUT)

| | |
|------------------------------|---|
| E.U.T. | : Transmitter |
| Model No. | : T 2.2 |
| Operating Frequency | : 2412~2464MHz |
| Number of Channels | : 3 Channels |
| Type of Modulation | : DSSS(QPSK) |
| Antenna Type | : Integral |
| Antenna Gain | : 1.1dBi |
| System Input Voltage | : DC 9V from adapter input AC 120V/60Hz |
| Temperature Range(Operating) | : 0 ~+ 40°C |
| Adapter | : M/N:YS01-090065U I/P:100-240V~50/60Hz 0.32A MAX O/P:9V 0~650mA DC Line:Unshielded,Undetachable ,1.5m |

1.3. Difference between Model Numbers

1.4. Independent Operation Modes

The basic operation modes are:

1.4.1 TX CH1 ANT1 (2412MHz)

1.4.2. TX CH2 ANT1 (2438MHz)

1.4.3. TX CH3 ANT1 (2464MHz)

1.4.4. TX CH1 ANT2 (2412MHz)

1.4.5. TX CH2 ANT2 (2438MHz)

1.4.6. TX CH3 ANT2 (2464MHz)

NOTE:ANT=antenna

1.5. Test Support System

1.5.1. iPod

| | |
|---------------|------------------------------|
| Model Number | : MB147H |
| Manufacturer | : Apple |
| Serial Number | : JQ74121YMV |
| Audio line | : Unshielded,Detachable,0.5m |

2. TEST SITES

2.1. Test Facilities

| | | |
|---------------|---|---|
| EMC Lab | : | Accredited by TUV Rheinland, Germany Date of registration: July 28, 2003 Accredited by CNAS, China Registration No.: L1744 Date of registration: November 25, 2004 Accredited by Intertek ETL SEMKO Registration No.: TMP-013 Date of registration: June 11, 2005 Accredited by TUV/PS, Hong Kong Date of registration: December 1, 2005 Accredited by ATCB, USA Date of registration: August 3, 2006 Accredited by VCCI, Japan Member No.: 2115 Registration No.: R-2527, R-3012 & C-2770 Date of registration: March 23, 2007 Accredited by FCC, USA Registration No.: 502831 Date of registration: February 9, 2009 Accredited by Industry Canada Registration No.: 5936A Date of registration: March 4, 2009 Accredited by American Association for Laboratory Accreditation (A2LA), USA Certificate No.: 2951.01 Date of registration: March 31, 2010 |
| Name of Firm | : | NS Technology Co., Ltd. |
| Site Location | : | Chenwu Industrial Zone, Houjie Town, Dongguan City, Guangdong, China |

2.2. List of Test and Measurement Instruments

2.2.1. For conducted emission at the mains terminals test

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|--------------------------------|---------------|-----------|------------|-----------|-----------|
| EMI Test Receiver | Rohde&Schwarz | ESCS30 | 100199 | May 30,10 | May 30,11 |
| Artificial Mains Network | Rohde&Schwarz | ESH3-Z5 | 100317 | May 30,10 | May 30,11 |
| Artificial Mains Network (AUX) | Kyoritsu | KNW-407 | 8-1579-1 | May 30,10 | May 30,11 |
| Pulse Limiter | Rohde&Schwarz | ESH3-Z2 | 100168 | May 2,10 | May 2,11 |

2.2.2. For radiated emission test (30MHz-1GHz)

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|--------------------|-----------------|-----------|------------|------------|------------|
| EMI Test Receiver | Rohde & Schwarz | ESCS30 | 100340 | May 30,10 | May 30,11 |
| Spectrum Analyzer | Agilent | E7405A | MY45118807 | May 30,10 | May 30,11 |
| Bilog Antenna | Teseq | CBL 6111D | 25758 | Oct. 27,09 | Oct. 27,10 |
| Signal Amplifier | Agilent | 8447D | 2944A10488 | May 2,10 | May 2,11 |
| 50Ω Coaxial Switch | ANRITSU | MP59B | 6200530577 | May 2,10 | May 2,11 |

2.2.3. For radiated emission test(Above 1GHz)

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|-------------------|--------------|--------------------------|------------|------------|------------|
| Spectrum Analyzer | Agilent | E7405A | MY45118807 | May 30,10 | May 30,11 |
| Horn Antenna | EMCO | 3117 | 00062558 | Jan. 19,09 | Jan. 19,11 |
| Signal Amplifier | BURGEON | PEC-38-30M18G -12-SFF | NSEMC001 | May 31,09 | May 31,11 |

2.2.4. For output power Test

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|-------------------|--------------|-----------|------------|-----------|-----------|
| Spectrum Analyzer | Agilent | E7405A | MY45118807 | May 30,10 | May 30,11 |

2.2.5. For power spectral density and 6dB bandwidth Test

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|----------------------------|---------------|-----------|------------|-----------|-----------|
| Power Meter | Rohde&Schwarz | NRVS | 101732 | May 30,10 | May 30,11 |
| 100V Insertion Unit 50Ω | Rohde&Schwarz | URV5-Z4 | 100207 | May 30,10 | May 30,11 |

2.2.6. For Band edge compliance test

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|-------------------|--------------|--------------------------|------------|------------|------------|
| Spectrum Analyzer | Agilent | E7405A | MY45118807 | May 30,10 | May 30,11 |
| Horn Antenna | EMCO | 3117 | 00062558 | Jan. 19,09 | Jan. 19,11 |
| Signal Amplifier | BURGEON | PEC-38-30M18G -12-SFF | NSEMC001 | May 31,09 | May 31,11 |

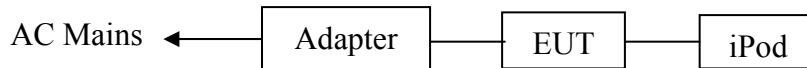
3. TEST SET-UP AND OPERATION MODES

3.1. Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its highest possible radiated level. The test modes were adapted accordingly in reference to the Operating Instructions.

3.2. Block Diagram of Test Set-up

System Diagram of Connections Between EUT and Simulators



(EUT : Transmitter)

3.3. Test Operation Mode and Test Software

Refer to clause 1.4

3.4. Special Accessories and Auxiliary Equipment

None.

3.5. Countermeasures to Achieve EMC Compliance

None.

4. TEST SUMMARY

Test items and result lists

| No. | Item | Standard | Results |
|-----|-----------------------------|---|---------|
| 1 | Conduction Emission Test | FCC Part15C: 15.207 ANSI C63.4-2003 KDB558074 RSS-210 RSS-GEN | Pass |
| 2 | Radiated Emission Test | FCC Part15C: 15.209 ANSI C63.4-2003 KDB558074 RSS-210 RSS-GEN | PASS |
| 3 | Band Edge Compliance Test | FCC Part15: 15.247 KDB558074 RSS-210 RSS-GEN | PASS |
| 4 | Output Power Test | FCC Part15: 15.247 KDB558074 RSS-210 RSS-GEN | PASS |
| 5 | 6dB Bandwidth Test | FCC Part15: 15.247 KDB558074 RSS-210 RSS-GEN | PASS |
| 6 | Power Spectral Density Test | FCC Part15: 15.247 KDB558074 RSS-210 RSS-GEN | PASS |
| 8 | Antenna requirement | FCC Part 15:15.203 RSS-210 RSS-GEN | PASS |

5. EMISSION TEST RESULTS

5.1. Conducted Emission at The Mains Terminals Test

RESULT : **Pass**
Test procedure : FCC Part 15 Subpart B
RSS-GEN Issue 2
Frequency range : 0.15~30MHz
Test Site : Shielded Room
Limits : FCC Part 15 Subpart B Class B
RSS-GEN Issue 2 7.2.2

Test Setup

Date of test : Aug. 6, 2010
Model No. : T 2.2
Input Voltage : DC 9V from adapter input AC 120V/60Hz
Operation Mode : TX Mode;RX Mode

The EUT was put on a wooden table which was 0.8metre high above the ground and connected to the AC mains through a Artificial Mains Network (A.M.N). The mains lead in excess of 1 m separating the EUT from the AMN was folded at the cable centre into a bundle no longer than 0.4 m.

The EUT was kept 0.4m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during conducted emission test.

The frequency range from 150 kHz to 30 MHz was investigated.

The bandwidth of the test receiver (R&S ESCS30) was set at 9 kHz.

The test data of the worst case condition(s) was reported on the following page.

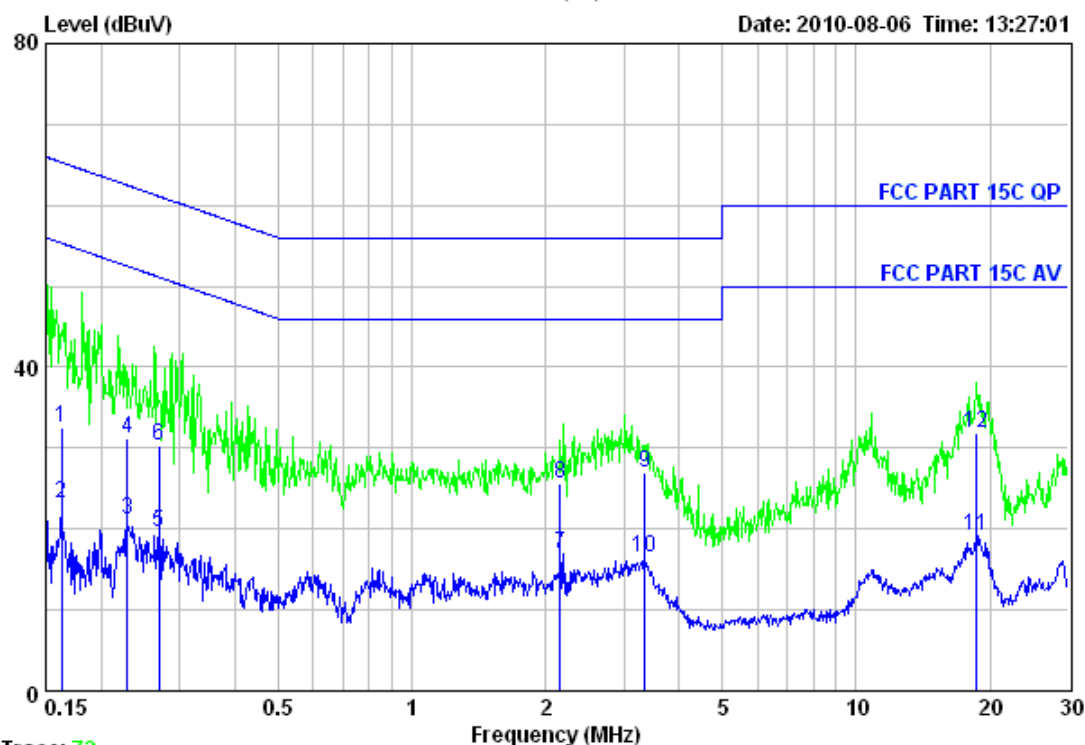
Note: Test uncertainty: $\pm 2.54\text{dB}$ at a level of confidence of 95%.

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Data: 73 File: D:\Conduction\K\Kadence.EMI (91)

Date: 2010-08-06 Time: 13:27:01



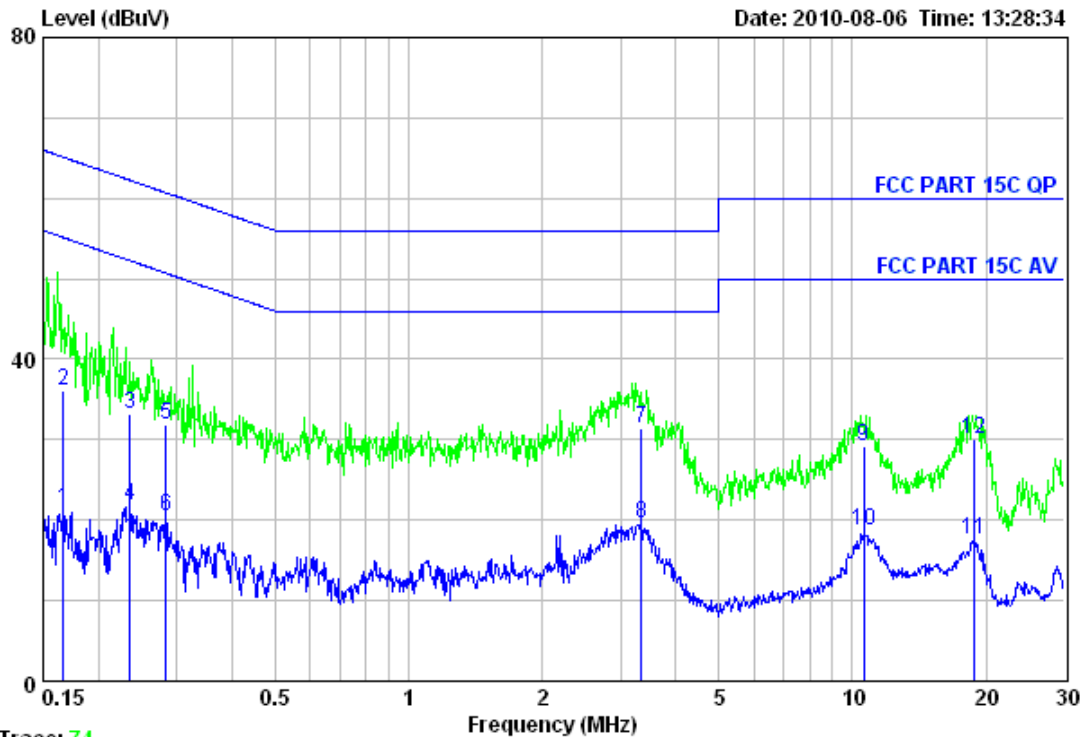
Trace: 72

Test Site : 843 Shielded Room
Limit : FCC PART 15C QP LINE Phase: NEUTRAL
EUT : transmitter
Power : DC 9V from adapter input AC 120V/60Hz
M/N : T 2.2
Test Engineer: Jade
Comment : Temp: 25.3°C Humi: 55% Press: 101.51kPa
Test Mode : TX Mode

| | Freq. (MHz) | Level (dBUV) | Limits (dBUV) | Margin (dB) | Remark |
|----|----------------|-----------------|------------------|----------------|---------|
| 1 | 0.16 | 32.50 | 65.34 | 32.84 | QP |
| 2 | 0.16 | 23.07 | 55.34 | 32.27 | Average |
| 3 | 0.23 | 21.25 | 52.48 | 31.23 | Average |
| 4 | 0.23 | 31.20 | 62.48 | 31.28 | QP |
| 5 | 0.27 | 19.54 | 51.12 | 31.58 | Average |
| 6 | 0.27 | 30.20 | 61.12 | 30.92 | QP |
| 7 | 2.16 | 16.98 | 46.00 | 29.02 | Average |
| 8 | 2.16 | 25.60 | 56.00 | 30.40 | QP |
| 9 | 3.35 | 26.90 | 56.00 | 29.10 | QP |
| 10 | 3.35 | 16.49 | 46.00 | 29.51 | Average |
| 11 | 18.62 | 19.22 | 50.00 | 30.78 | Average |
| 12 | 18.62 | 31.90 | 60.00 | 28.10 | QP |

Data: 75 File: D:\Conduction\K\Kadence.EMI (91)

Date: 2010-08-06 Time: 13:28:34



Trace: 74

Test Site : 843 Shielded Room
Limit : FCC PART 15C QP LINE Phase: LINE
EUT : transmitter
Power : DC 9V from adapter input AC 120V/60Hz
M/N : T 2.2
Test Engineer: Jade
Comment : Temp: 25.3°C Humi: 55% Press: 101.51kPa
Test Mode : TX Mode

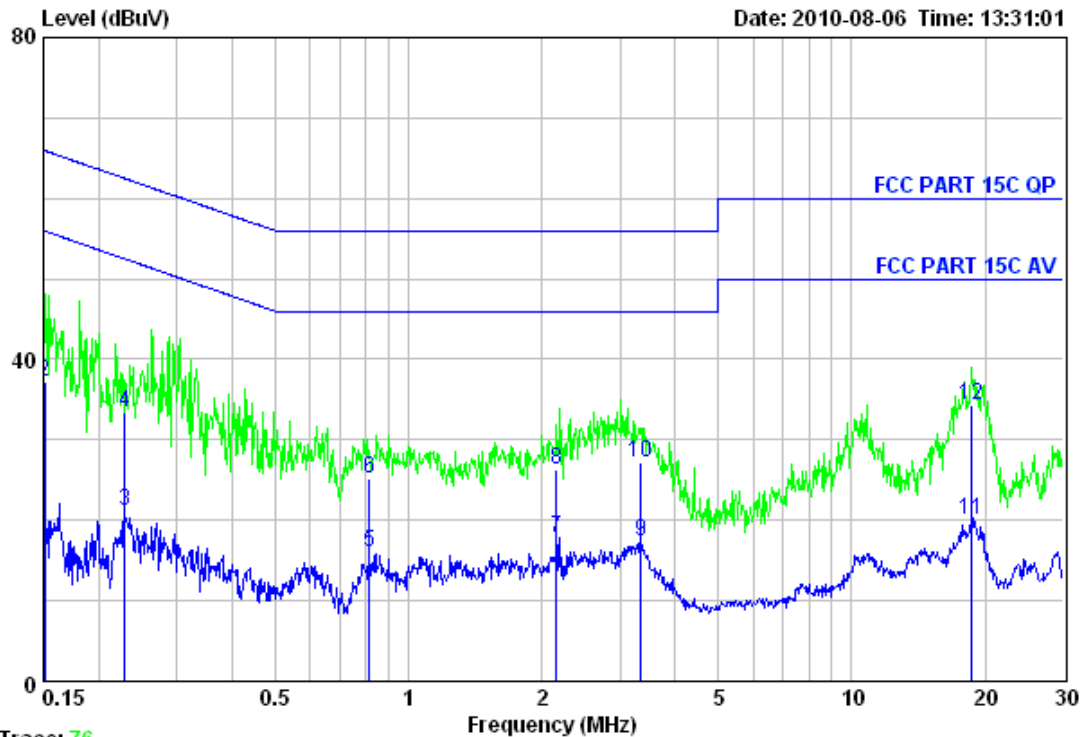
| | Freq. (MHz) | Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|----------------|-----------------|------------------|----------------|---------|
| 1 | 0.17 | 21.46 | 55.12 | 33.66 | Average |
| 2 | 0.17 | 36.20 | 65.12 | 28.92 | QP |
| 3 | 0.24 | 33.10 | 62.26 | 29.16 | QP |
| 4 | 0.24 | 21.81 | 52.26 | 30.45 | Average |
| 5 | 0.28 | 31.90 | 60.72 | 28.82 | QP |
| 6 | 0.28 | 20.47 | 50.72 | 30.25 | Average |
| 7 | 3.35 | 31.50 | 56.00 | 24.50 | QP |
| 8 | 3.35 | 19.71 | 46.00 | 26.29 | Average |
| 9 | 10.62 | 29.20 | 60.00 | 30.80 | QP |
| 10 | 10.62 | 18.64 | 50.00 | 31.36 | Average |
| 11 | 18.82 | 17.50 | 50.00 | 32.50 | Average |
| 12 | 18.82 | 30.10 | 60.00 | 29.90 | QP |

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Data: 77 File: D:\Conduction\K\Kadence.EMI (91)

Date: 2010-08-06 Time: 13:31:01



Trace: 76

Test Site : 843 Shielded Room
Limit : FCC PART 15C QP LINE Phase: NEUTRAL
EUT : transmitter
Power : DC 9V from adapter input AC 120V/60Hz
M/N : T 2.2
Test Engineer: Jade
Comment : Temp: 25.3°C Humi: 55% Press: 101.51kPa
Test Mode : RX Mode

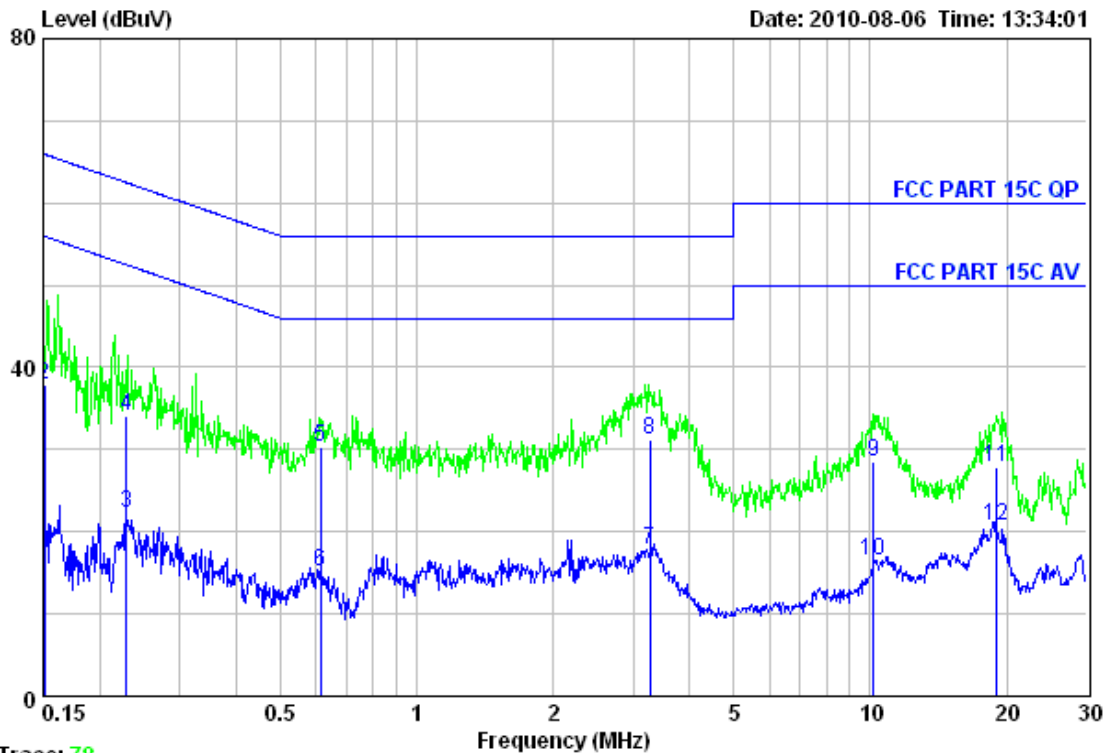
| | Freq. (MHz) | Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|----------------|-----------------|------------------|----------------|---------|
| 1 | 0.15 | 22.95 | 55.96 | 33.01 | Average |
| 2 | 0.15 | 37.20 | 65.96 | 28.76 | QP |
| 3 | 0.23 | 21.07 | 52.48 | 31.41 | Average |
| 4 | 0.23 | 33.50 | 62.48 | 28.98 | QP |
| 5 | 0.82 | 15.97 | 46.00 | 30.03 | Average |
| 6 | 0.82 | 25.20 | 56.00 | 30.80 | QP |
| 7 | 2.16 | 17.81 | 46.00 | 28.19 | Average |
| 8 | 2.16 | 26.30 | 56.00 | 29.70 | QP |
| 9 | 3.35 | 17.38 | 46.00 | 28.62 | Average |
| 10 | 3.35 | 27.20 | 56.00 | 28.80 | QP |
| 11 | 18.62 | 20.09 | 50.00 | 29.91 | Average |
| 12 | 18.62 | 34.30 | 60.00 | 25.70 | QP |

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Data: 79 File: D:\Conduction\K\Kadence.EMI (91)

Date: 2010-08-06 Time: 13:34:01



Trace: 78

Test Site : 843 Shielded Room
Limit : FCC PART 15C QP LINE Phase: LINE
EUT : transmitter
Power : DC 9V from adapter input AC 120V/60Hz
M/N : T 2.2
Test Engineer: Jade
Comment : Temp: 25.3°C Humi: 55% Press: 101.51kPa
Test Mode : RX Mode

| | Freq. (MHz) | Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|----------------|-----------------|------------------|----------------|---------|
| 1 | 0.15 | 24.02 | 55.96 | 31.94 | Average |
| 2 | 0.15 | 37.80 | 65.96 | 28.16 | QP |
| 3 | 0.23 | 22.25 | 52.48 | 30.23 | Average |
| 4 | 0.23 | 34.10 | 62.48 | 28.38 | QP |
| 5 | 0.61 | 30.30 | 56.00 | 25.70 | QP |
| 6 | 0.61 | 15.19 | 46.00 | 30.81 | Average |
| 7 | 3.28 | 17.86 | 46.00 | 28.14 | Average |
| 8 | 3.28 | 31.10 | 56.00 | 24.90 | QP |
| 9 | 10.18 | 28.60 | 60.00 | 31.40 | QP |
| 10 | 10.18 | 16.52 | 50.00 | 33.48 | Average |
| 11 | 19.02 | 27.80 | 60.00 | 32.20 | QP |
| 12 | 19.02 | 20.82 | 50.00 | 29.18 | Average |

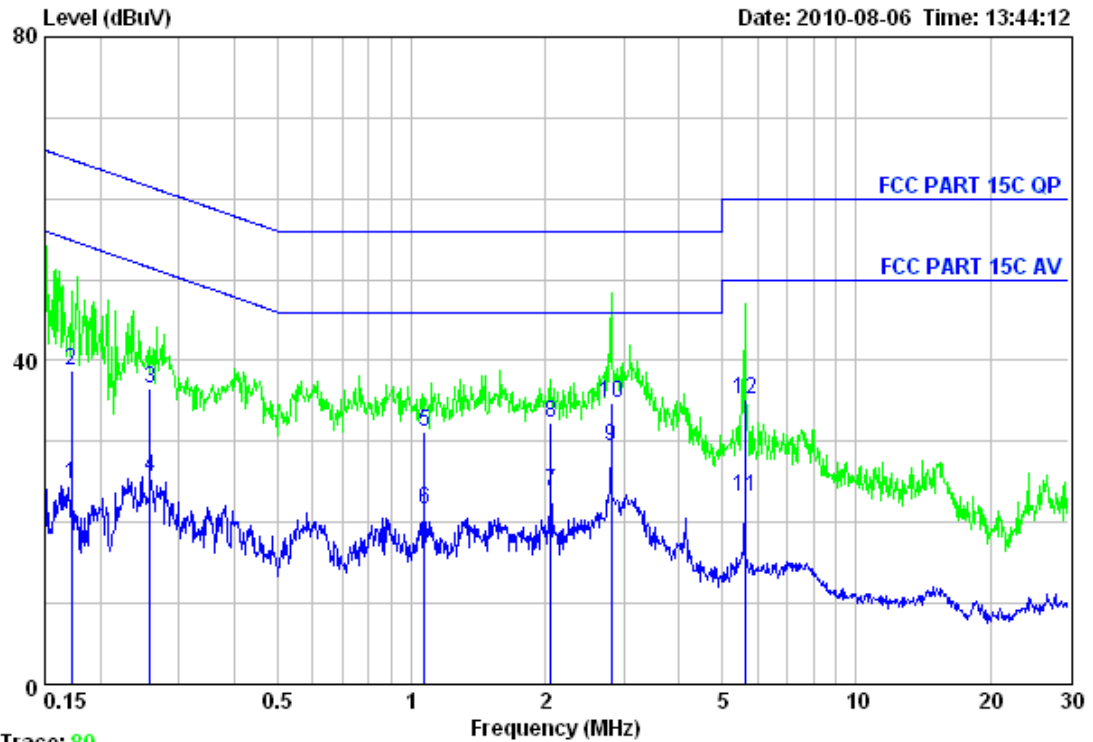


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Data: 81 File: D:\Conduction\K\Kadence.EMI (91)

Date: 2010-08-06 Time: 13:44:12



Trace: 80

Test Site : 843 Shielded Room
Limit : FCC PART 15C QP LINE Phase: LINE
EUT : transmitter
Power : DC 9V from adapter input AC 120V/60Hz
M/N : T 2.2
Test Engineer: Jade
Comment : Temp: 25.3°C Humi: 55% Press: 101.51kPa
Test Mode : RX Mode (908MHz)

| | Freq. (MHz) | Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----|----------------|-----------------|------------------|----------------|---------|
| 1 | 0.17 | 24.74 | 54.86 | 30.12 | Average |
| 2 | 0.17 | 38.70 | 64.86 | 26.16 | QP |
| 3 | 0.26 | 36.50 | 61.47 | 24.97 | QP |
| 4 | 0.26 | 25.55 | 51.47 | 25.92 | Average |
| 5 | 1.07 | 31.10 | 56.00 | 24.90 | QP |
| 6 | 1.07 | 21.61 | 46.00 | 24.39 | Average |
| 7 | 2.05 | 23.77 | 46.00 | 22.23 | Average |
| 8 | 2.05 | 32.30 | 56.00 | 23.70 | QP |
| 9 | 2.81 | 29.47 | 46.00 | 16.53 | Average |
| 10 | 2.81 | 34.80 | 56.00 | 21.20 | QP |
| 11 | 5.62 | 23.28 | 50.00 | 26.72 | Average |
| 12 | 5.62 | 35.20 | 60.00 | 24.80 | QP |



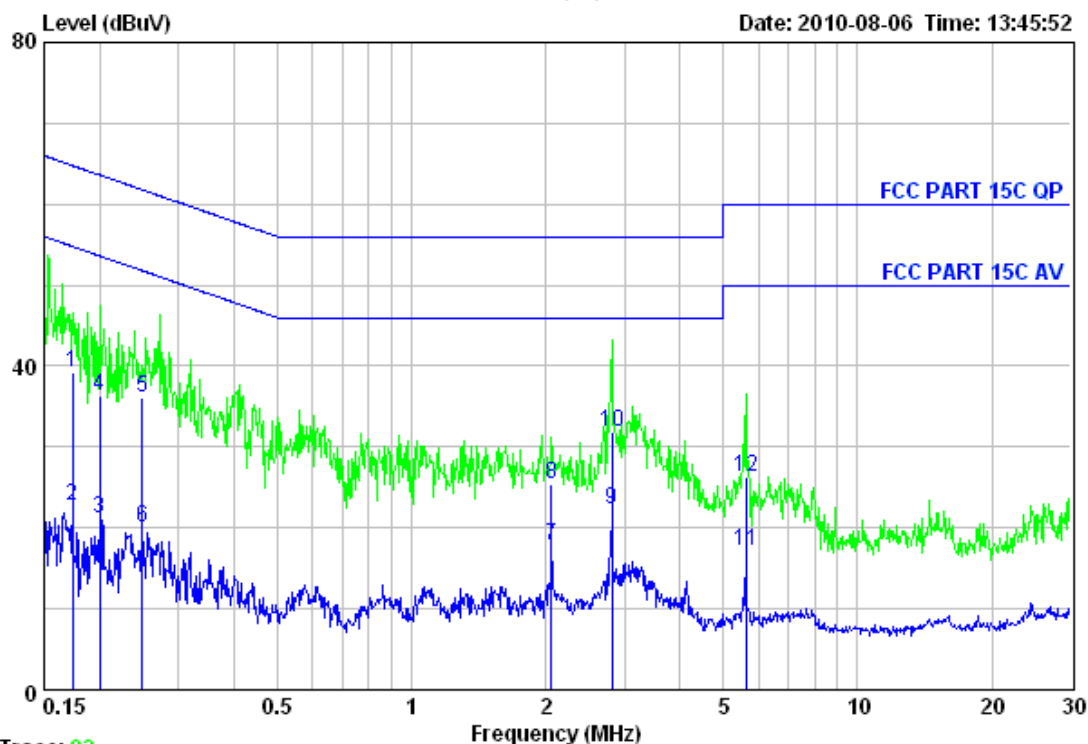
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Data: 83

File: D:\Conduction\K\Kadence.EMI (91)

Date: 2010-08-06 Time: 13:45:52



Trace: 82

Test Site : 843 Shielded Room
Limit : FCC PART 15C QP LINE Phase: NEUTRAL
EUT : transmitter
Power : DC 9V from adapter input AC 120V/60Hz
M/N : T 2.2
Test Engineer: Jade
Comment : Temp: 25.3°C Humi: 55% Press: 101.51kPa
Test Mode : RX Mode (908MHz)

| | Freq. (MHz) | Level (dBUV) | Limits (dBUV) | Margin (dB) | Remark |
|----|----------------|-----------------|------------------|----------------|---------|
| 1 | 0.17 | 39.20 | 64.77 | 25.57 | QP |
| 2 | 0.17 | 22.70 | 54.77 | 32.07 | Average |
| 3 | 0.20 | 21.24 | 53.62 | 32.38 | Average |
| 4 | 0.20 | 36.30 | 63.62 | 27.32 | QP |
| 5 | 0.25 | 36.10 | 61.78 | 25.68 | QP |
| 6 | 0.25 | 20.10 | 51.78 | 31.68 | Average |
| 7 | 2.05 | 17.85 | 46.00 | 28.15 | Average |
| 8 | 2.05 | 25.40 | 56.00 | 30.60 | QP |
| 9 | 2.81 | 22.38 | 46.00 | 23.62 | Average |
| 10 | 2.81 | 31.80 | 56.00 | 24.20 | QP |
| 11 | 5.62 | 17.23 | 50.00 | 32.77 | Average |
| 12 | 5.62 | 26.20 | 60.00 | 33.80 | QP |

5.2. Radiated Emission

5.2.1. Test limits

- 1) FCC PART 15C 15.209
- 2) RSS-210

5.2.2. Test procedure

The EUT was placed on a turn table which was 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. At the frequency band of 30MHz to 1GHz, The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 to 4 m for horizontal and vertical polarizations. The broadband antenna was used as a receiving antenna. At the frequency band of 1GHz to 25GHz, The measuring antenna moved from 1 to 4 m for horizontal and vertical polarization. The horn antenna was used as a receiving antenna.

The resolution bandwidth and video bandwidth of the test receiver was 120 kHz and 300kHz for Quasi-peak detection at frequency below 1GHz.

The resolution bandwidth and video bandwidth of the test receiver was 1MHz and 1MHz for Peak detection at frequency above 1GHz.

For Average measurement at frequency above 1GHz. The resolution bandwidth of the test receiver was 1MHz ; due to the shortest pulse width T is 116us, according the video bandwidth should not smaller than 1/T, so the video bandwidth is 10Hz.

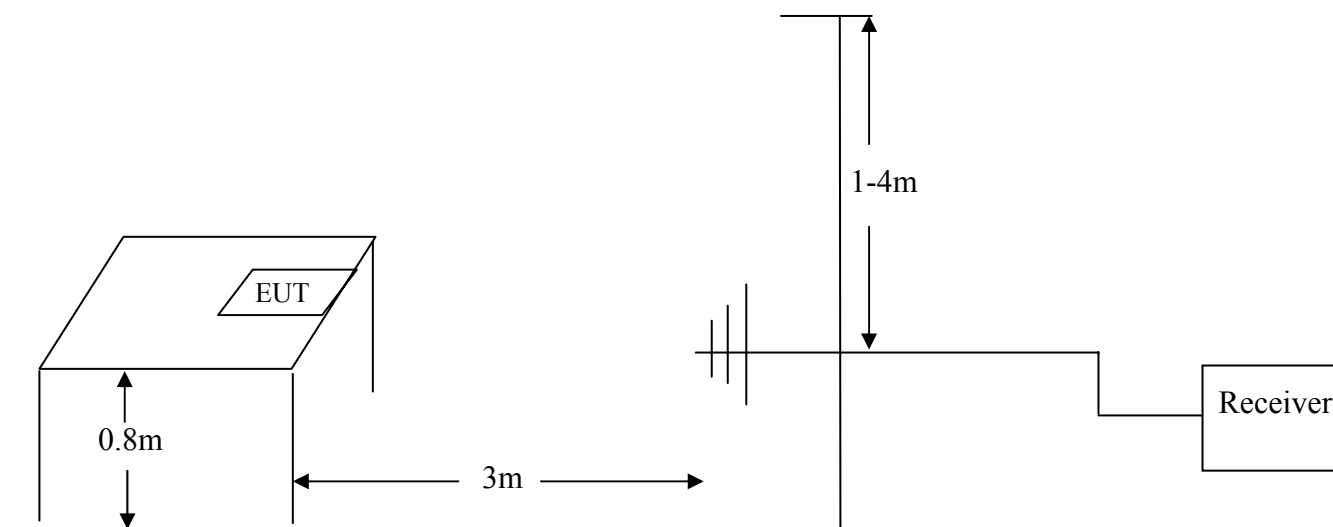
In 18GHz to 25GHz, The EUT was checked by Horn ANT . But the test result is background.

The EUT was tested in Chamber Site.

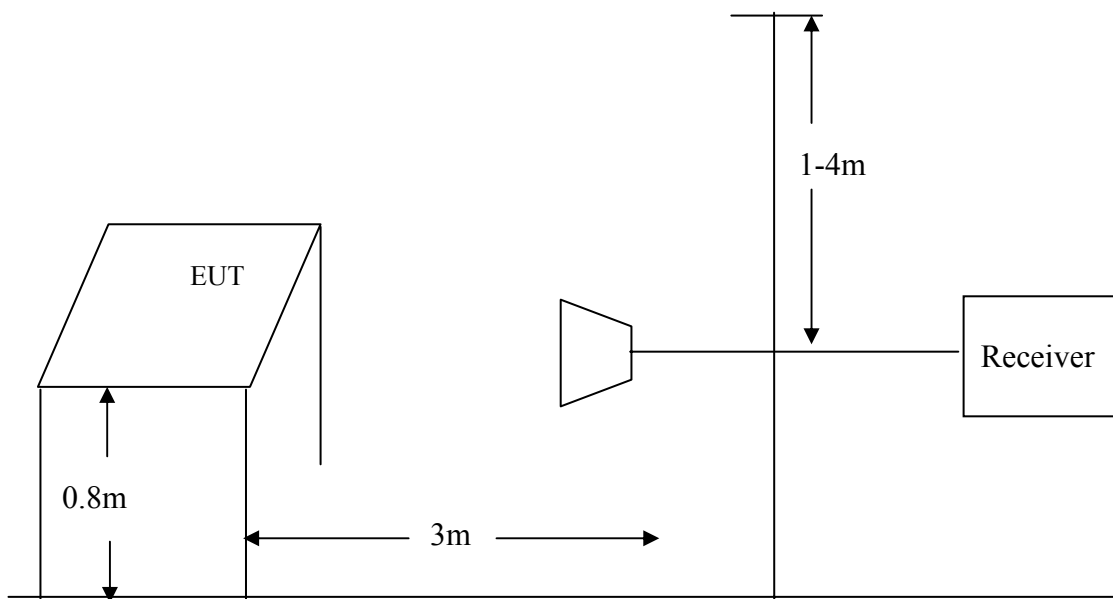
Note: Test uncertainty: $\pm 2.62\text{dB}$ at a level of confidence of 95%.

5.2.3. Test Setup Diagram

5.1.3.1. Frequency range: 30MHz-1000MHz



5.1.3.2. Frequency range: 1 GHz -25GHz



The test plots as following:

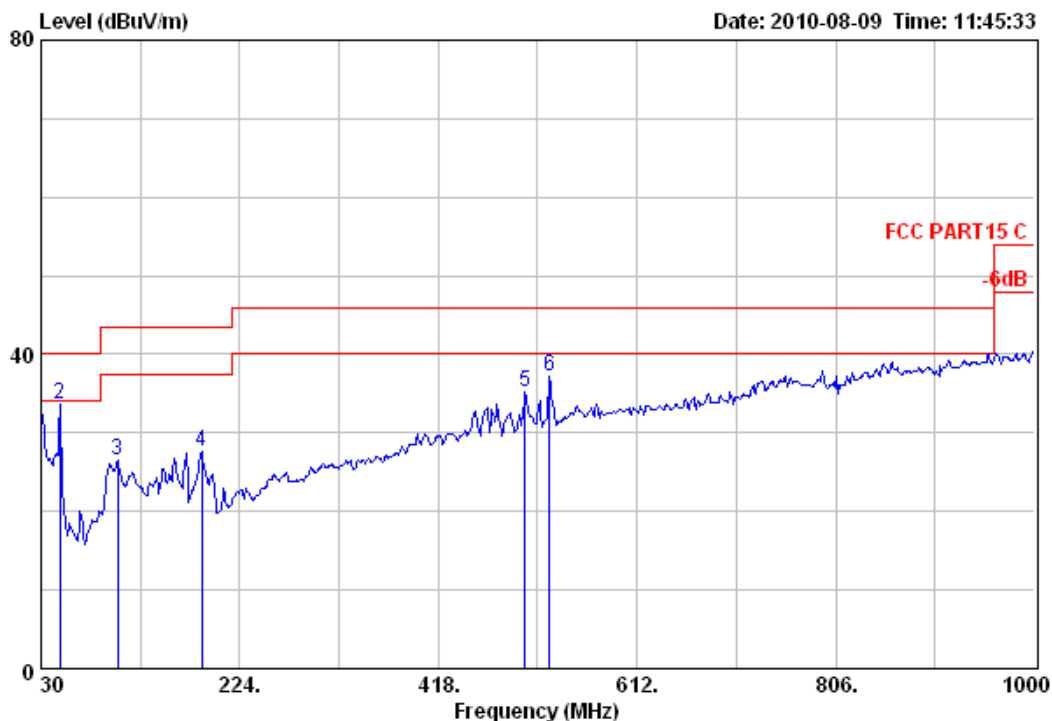
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Data: 632

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:45:33



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : TX Mode ANT 2
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 32.45 | 40.00 | 7.55 | 10.87 | 21.00 | 0.58 | QP |
| 2 | 48.43 | 33.76 | 40.00 | 6.24 | 23.27 | 9.82 | 0.67 | QP |
| 3 | 104.69 | 26.42 | 43.50 | 17.08 | 14.73 | 10.60 | 1.09 | QP |
| 4 | 187.14 | 27.57 | 43.50 | 15.93 | 17.22 | 8.88 | 1.47 | QP |
| 5 | 502.39 | 35.30 | 46.00 | 10.70 | 14.31 | 18.53 | 2.46 | QP |
| 6 | 526.64 | 37.28 | 46.00 | 8.72 | 15.81 | 18.94 | 2.53 | QP |



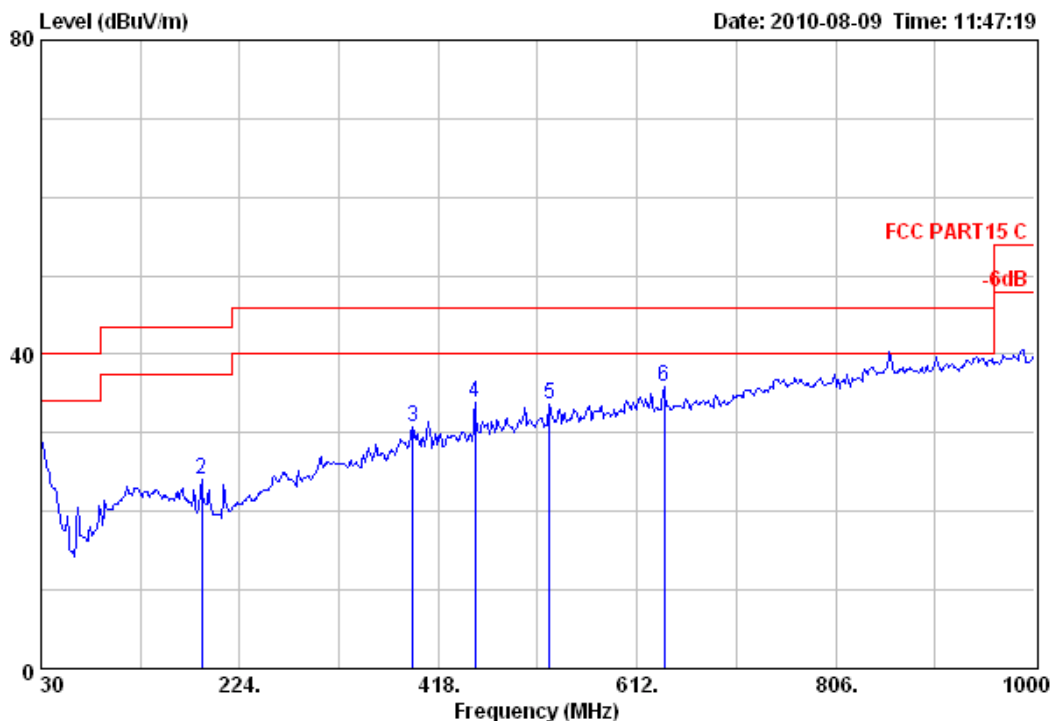
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Data: 633

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:47:19



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : TX Mode ANT 2
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 28.86 | 40.00 | 11.14 | 7.28 | 21.00 | 0.58 | QP |
| 2 | 187.14 | 23.96 | 43.50 | 19.54 | 13.61 | 8.88 | 1.47 | QP |
| 3 | 392.78 | 30.80 | 46.00 | 15.20 | 12.32 | 16.35 | 2.13 | QP |
| 4 | 453.89 | 33.77 | 46.00 | 12.23 | 13.93 | 17.54 | 2.30 | QP |
| 5 | 526.64 | 33.67 | 46.00 | 12.33 | 12.20 | 18.94 | 2.53 | QP |
| 6 | 638.19 | 35.99 | 46.00 | 10.01 | 12.51 | 20.68 | 2.80 | QP |



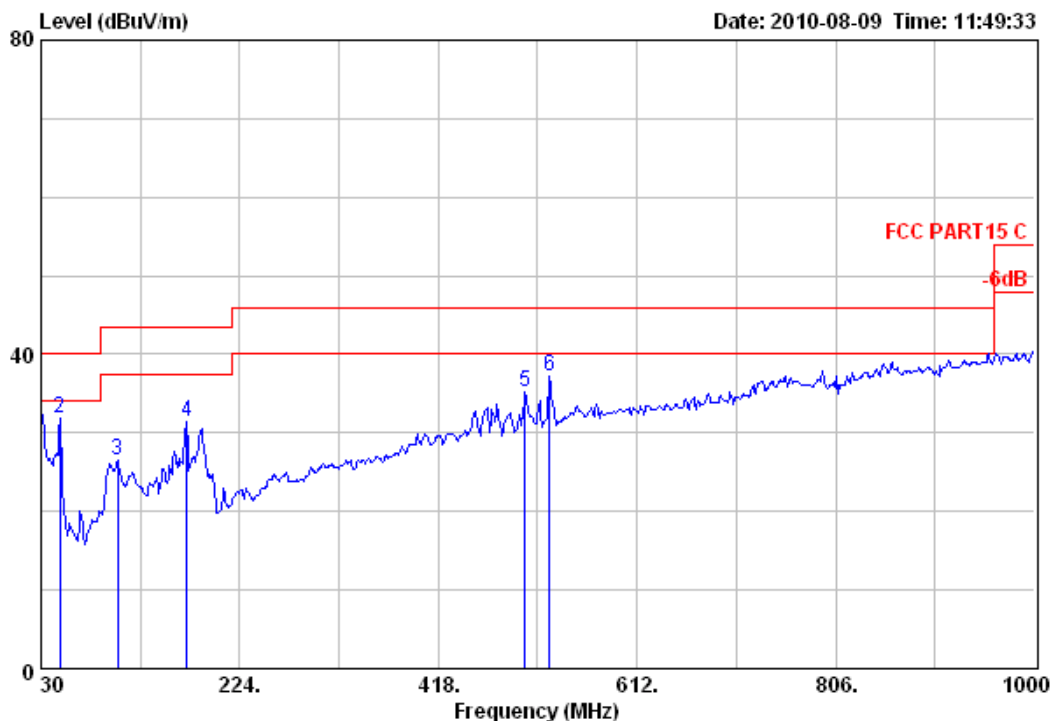
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Data: 634

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:49:33



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : TX Mode ANT 1
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 32.45 | 40.00 | 7.55 | 10.87 | 21.00 | 0.58 | QP |
| 2 | 48.43 | 31.76 | 40.00 | 8.24 | 21.27 | 9.82 | 0.67 | QP |
| 3 | 104.69 | 26.42 | 43.50 | 17.08 | 14.73 | 10.60 | 1.09 | QP |
| 4 | 172.59 | 31.34 | 43.50 | 12.16 | 20.01 | 9.92 | 1.41 | QP |
| 5 | 502.39 | 35.30 | 46.00 | 10.70 | 14.31 | 18.53 | 2.46 | QP |
| 6 | 526.64 | 37.28 | 46.00 | 8.72 | 15.81 | 18.94 | 2.53 | QP |

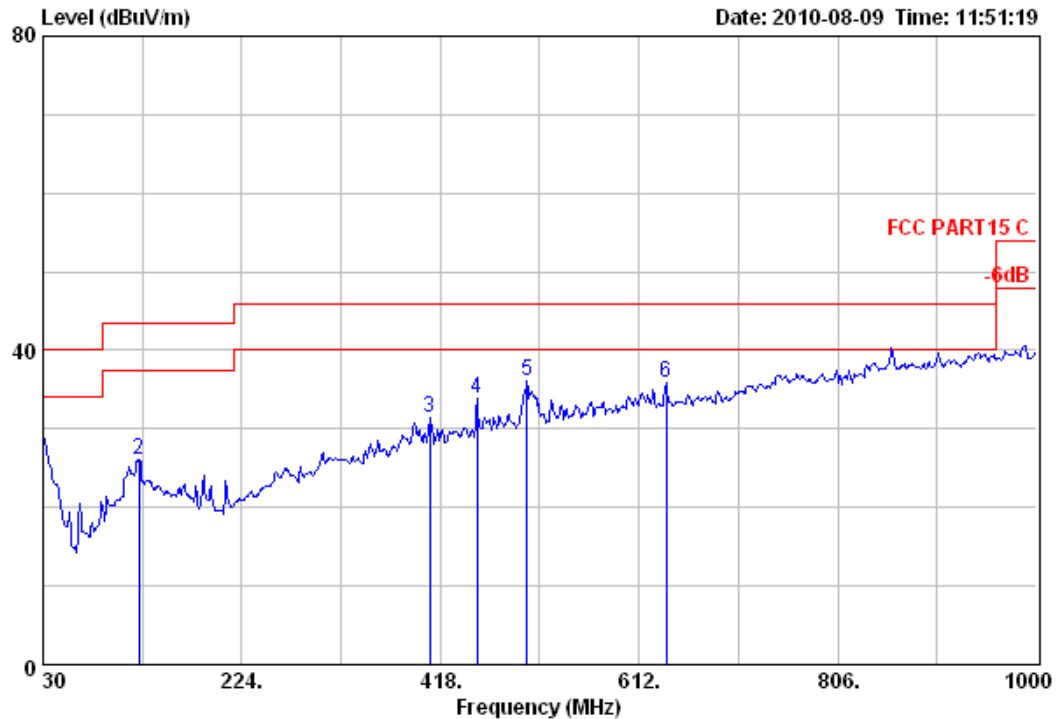


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Data: 635 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:51:19



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : TX Mode ANT 1
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 28.86 | 40.00 | 11.14 | 7.28 | 21.00 | 0.58 | QP |
| 2 | 124.09 | 26.01 | 43.50 | 17.49 | 13.07 | 11.77 | 1.17 | QP |
| 3 | 407.33 | 31.35 | 46.00 | 14.65 | 12.34 | 16.85 | 2.16 | QP |
| 4 | 453.89 | 33.77 | 46.00 | 12.23 | 13.93 | 17.54 | 2.30 | QP |
| 5 | 502.39 | 36.20 | 46.00 | 9.80 | 15.21 | 18.53 | 2.46 | QP |
| 6 | 638.19 | 35.99 | 46.00 | 10.01 | 12.51 | 20.68 | 2.80 | QP |

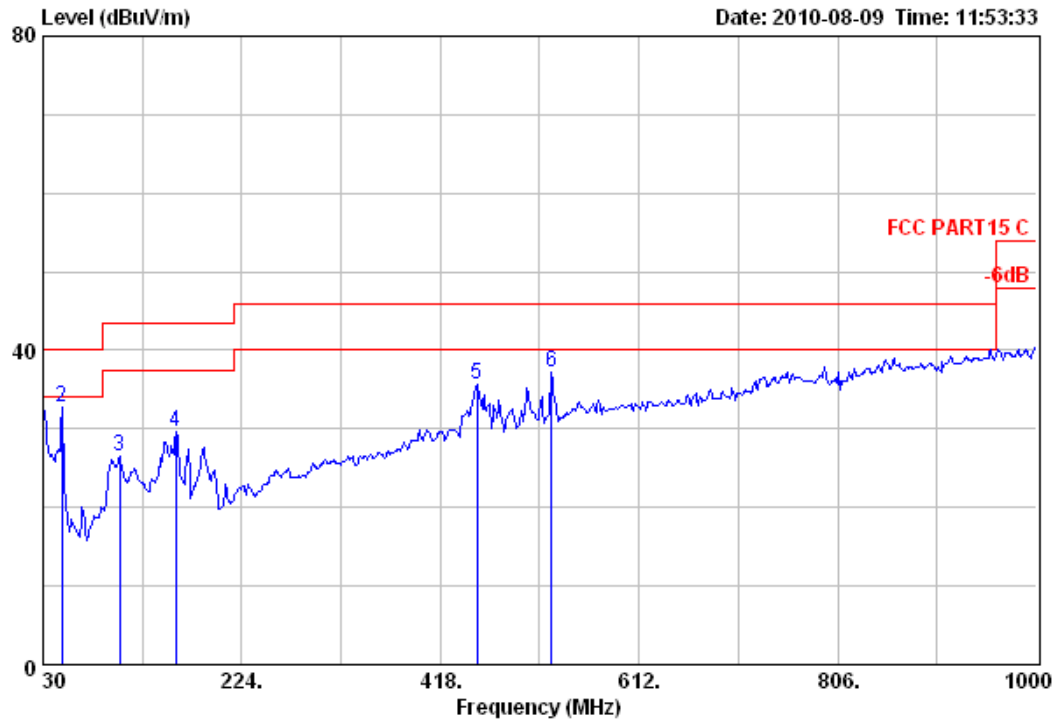
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Data: 636

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:53:33



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : RX Mode ANT 2
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 32.45 | 40.00 | 7.55 | 10.87 | 21.00 | 0.58 | QP |
| 2 | 48.43 | 32.76 | 40.00 | 7.24 | 22.27 | 9.82 | 0.67 | QP |
| 3 | 104.69 | 26.42 | 43.50 | 17.08 | 14.73 | 10.60 | 1.09 | QP |
| 4 | 159.98 | 29.68 | 43.50 | 13.82 | 17.52 | 10.80 | 1.36 | QP |
| 5 | 453.89 | 35.75 | 46.00 | 10.25 | 15.91 | 17.54 | 2.30 | QP |
| 6 | 526.64 | 37.28 | 46.00 | 8.72 | 15.81 | 18.94 | 2.53 | QP |

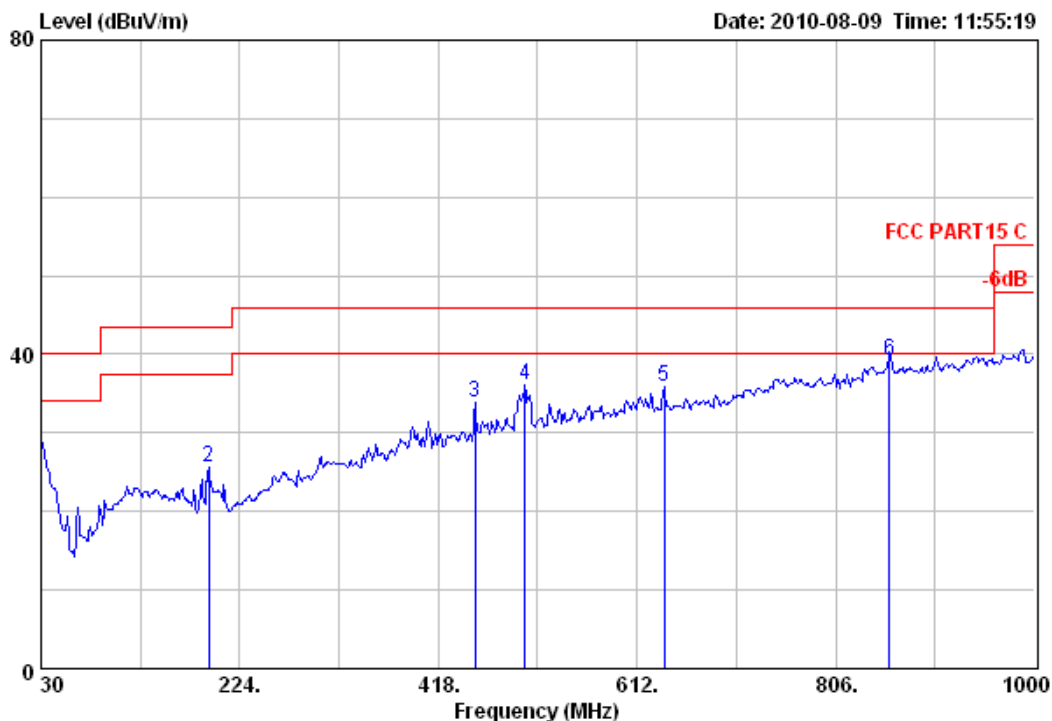
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Data: 637

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:55:19



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : RX Mode ANT 2
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 28.86 | 40.00 | 11.14 | 7.28 | 21.00 | 0.58 | QP |
| 2 | 193.93 | 25.65 | 43.50 | 17.85 | 15.62 | 8.54 | 1.49 | QP |
| 3 | 453.89 | 33.77 | 46.00 | 12.23 | 13.93 | 17.54 | 2.30 | QP |
| 4 | 502.39 | 36.20 | 46.00 | 9.80 | 15.21 | 18.53 | 2.46 | QP |
| 5 | 638.19 | 35.99 | 46.00 | 10.01 | 12.51 | 20.68 | 2.80 | QP |
| 6 | 858.38 | 39.30 | 46.00 | 6.70 | 12.12 | 23.89 | 3.29 | QP |



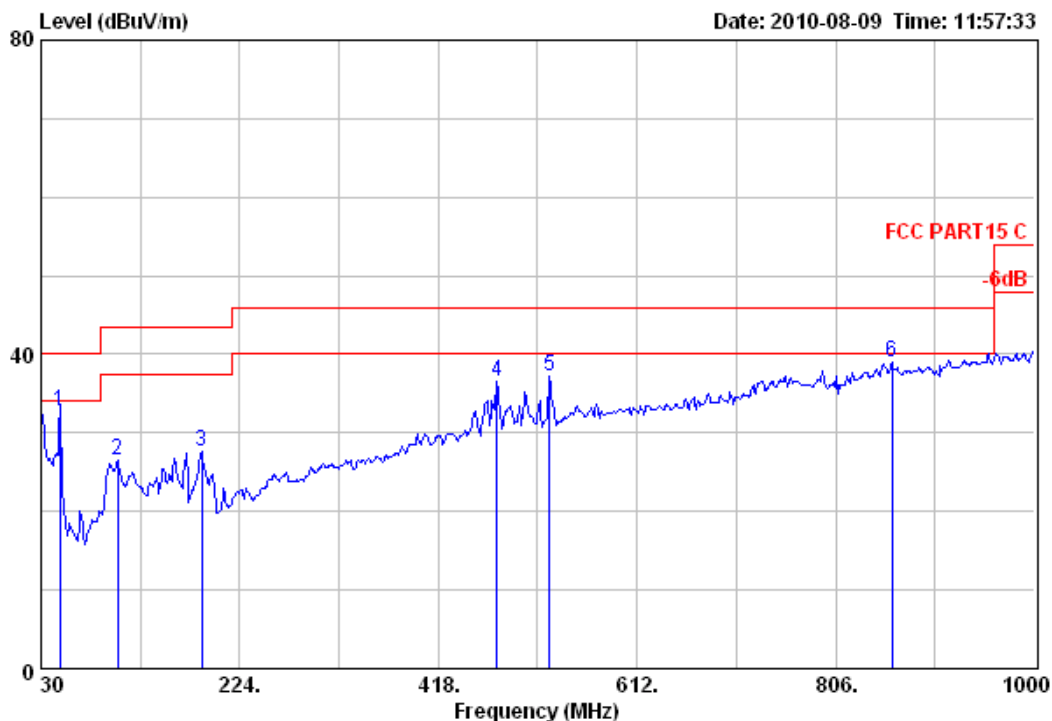
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Data: 638

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:57:33



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : RX Mode ANT 1
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|--------|----------|----------|--------|---------|------------|------|--------|
| | Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 | 48.43 | 32.76 | 40.00 | 7.24 | 22.27 | 9.82 | 0.67 | QP |
| 2 | 104.69 | 26.42 | 43.50 | 17.08 | 14.73 | 10.60 | 1.09 | QP |
| 3 | 187.14 | 27.57 | 43.50 | 15.93 | 17.22 | 8.88 | 1.47 | QP |
| 4 | 475.23 | 36.55 | 46.00 | 9.45 | 16.13 | 18.05 | 2.37 | QP |
| 5 | 526.64 | 37.28 | 46.00 | 8.72 | 15.81 | 18.94 | 2.53 | QP |
| 6 | 861.29 | 39.00 | 46.00 | 7.00 | 11.97 | 23.74 | 3.29 | QP |



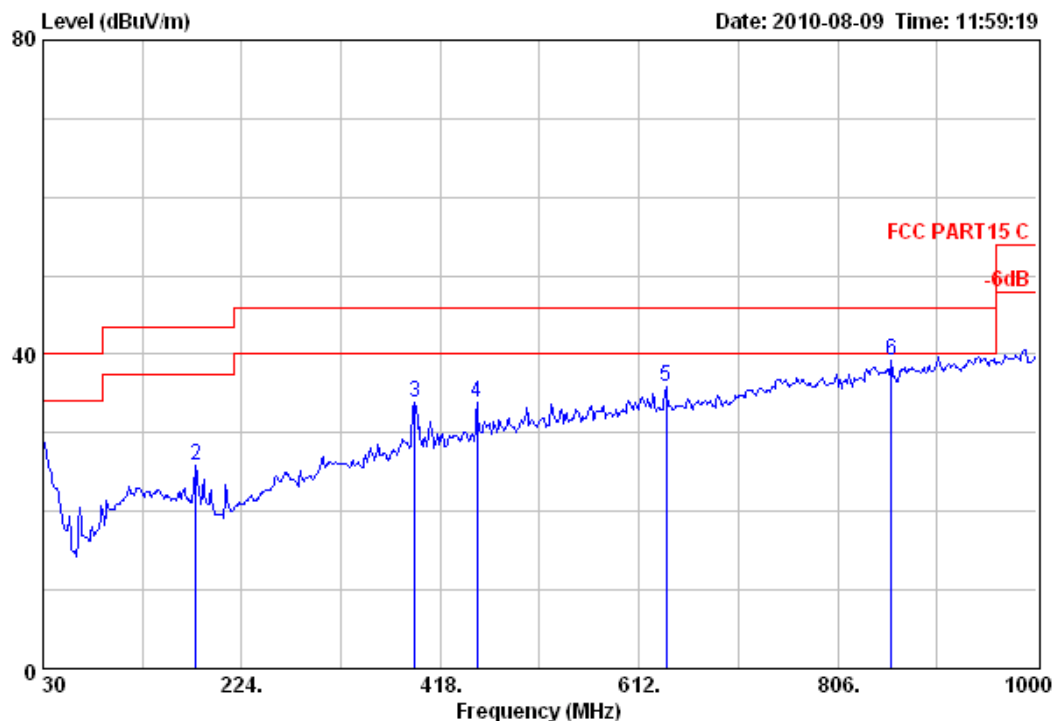
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Data: 639

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:59:19



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : RX Mode ANT 1
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 28.86 | 40.00 | 11.14 | 7.28 | 21.00 | 0.58 | QP |
| 2 | 179.38 | 25.76 | 43.50 | 17.74 | 15.00 | 9.32 | 1.44 | QP |
| 3 | 392.78 | 33.80 | 46.00 | 12.20 | 15.32 | 16.35 | 2.13 | QP |
| 4 | 453.89 | 33.77 | 46.00 | 12.23 | 13.93 | 17.54 | 2.30 | QP |
| 5 | 638.19 | 35.99 | 46.00 | 10.01 | 12.51 | 20.68 | 2.80 | QP |
| 6 | 858.38 | 39.30 | 46.00 | 6.70 | 12.12 | 23.89 | 3.29 | QP |



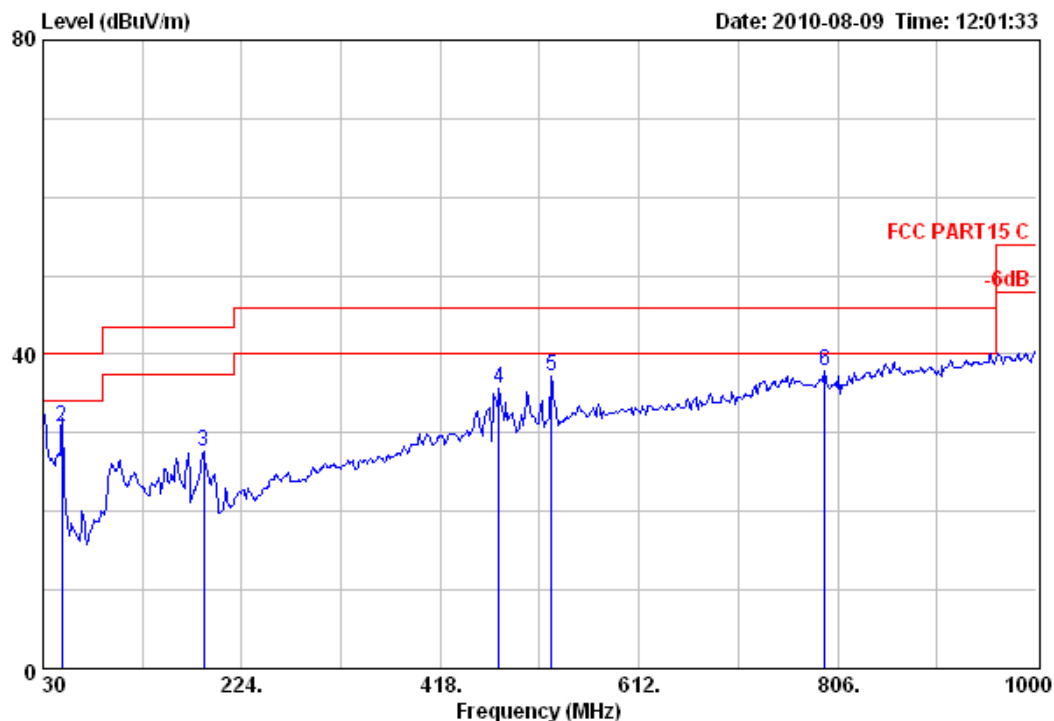
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Data: 640

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 12:01:33



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : RX Mode 908MHz
Playing with rock music

| | | Emission | | | | Ant. | Cable | |
|---|--------|----------|----------|--------|---------|--------|-------|--------|
| | Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 | 30.00 | 31.45 | 40.00 | 8.55 | 9.87 | 21.00 | 0.58 | QP |
| 2 | 48.43 | 30.76 | 40.00 | 9.24 | 20.27 | 9.82 | 0.67 | QP |
| 3 | 187.14 | 27.57 | 43.50 | 15.93 | 17.22 | 8.88 | 1.47 | QP |
| 4 | 475.23 | 35.55 | 46.00 | 10.45 | 15.13 | 18.05 | 2.37 | QP |
| 5 | 526.64 | 37.28 | 46.00 | 8.72 | 15.81 | 18.94 | 2.53 | QP |
| 6 | 793.39 | 37.88 | 46.00 | 8.12 | 12.24 | 22.49 | 3.15 | QP |



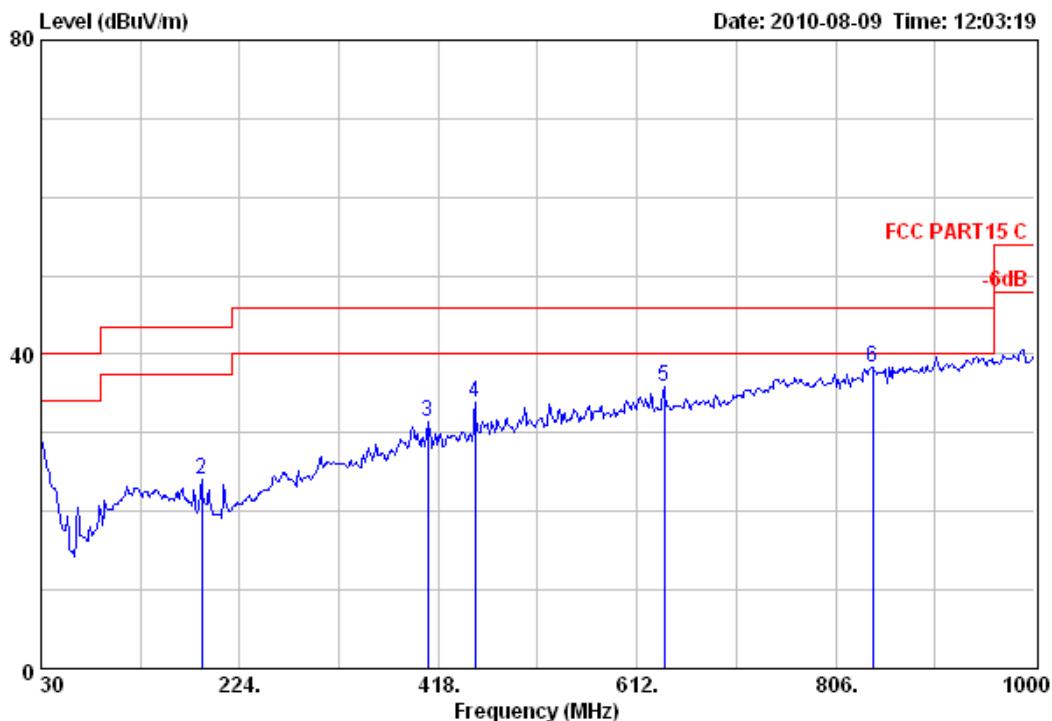
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Data: 641

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 12:03:19



Test Site : 10m Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.53kPa
Test Mode : RX Mode 908MHz
Playing with rock music

| | | Emission | | | | Ant. Cable | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBUV/m) | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 30.00 | 28.86 | 40.00 | 11.14 | 7.28 | 21.00 | 0.58 | QP |
| 2 | 187.14 | 23.96 | 43.50 | 19.54 | 13.61 | 8.88 | 1.47 | QP |
| 3 | 407.33 | 31.35 | 46.00 | 14.65 | 12.34 | 16.85 | 2.16 | QP |
| 4 | 453.89 | 33.77 | 46.00 | 12.23 | 13.93 | 17.54 | 2.30 | QP |
| 5 | 638.19 | 35.99 | 46.00 | 10.01 | 12.51 | 20.68 | 2.80 | QP |
| 6 | 841.89 | 38.33 | 46.00 | 7.67 | 11.52 | 23.56 | 3.25 | QP |



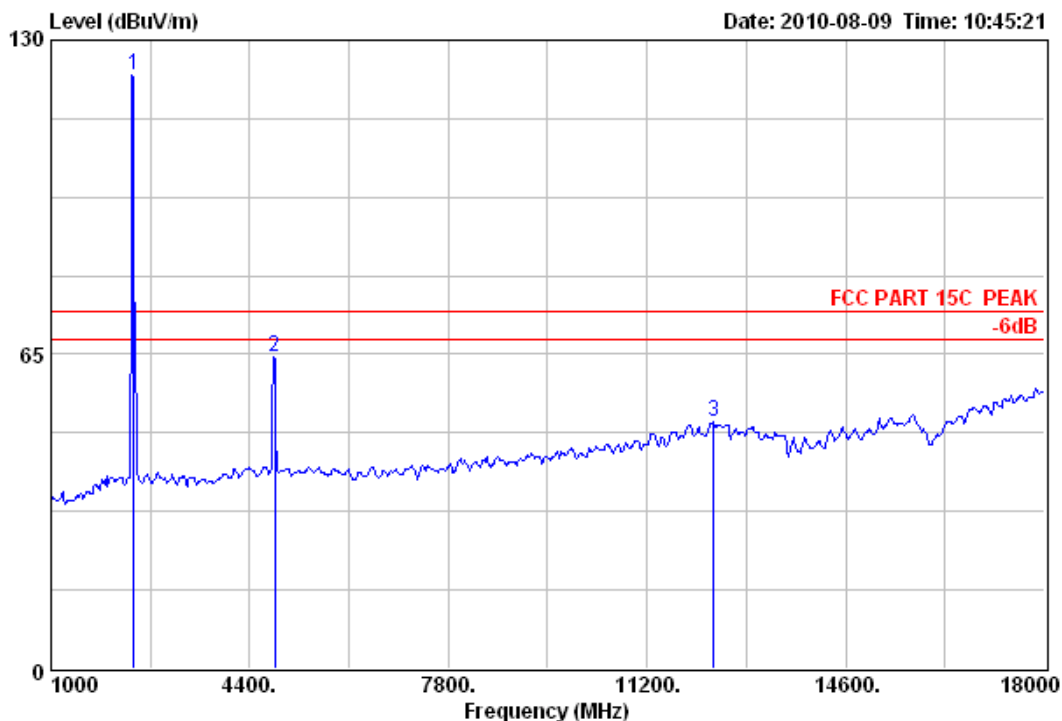
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Data: 585

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:45:21



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|------------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2412.00 | 122.59 | 74.00 | -48.59 | 88.86 | 31.50 | 2.23 | Peak |
| 2 4824.00 | 64.59 | 74.00 | 9.41 | 27.62 | 34.59 | 2.38 | Peak |
| 3 12339.00 | 50.95 | 74.00 | 23.05 | 8.17 | 39.94 | 2.84 | Peak |

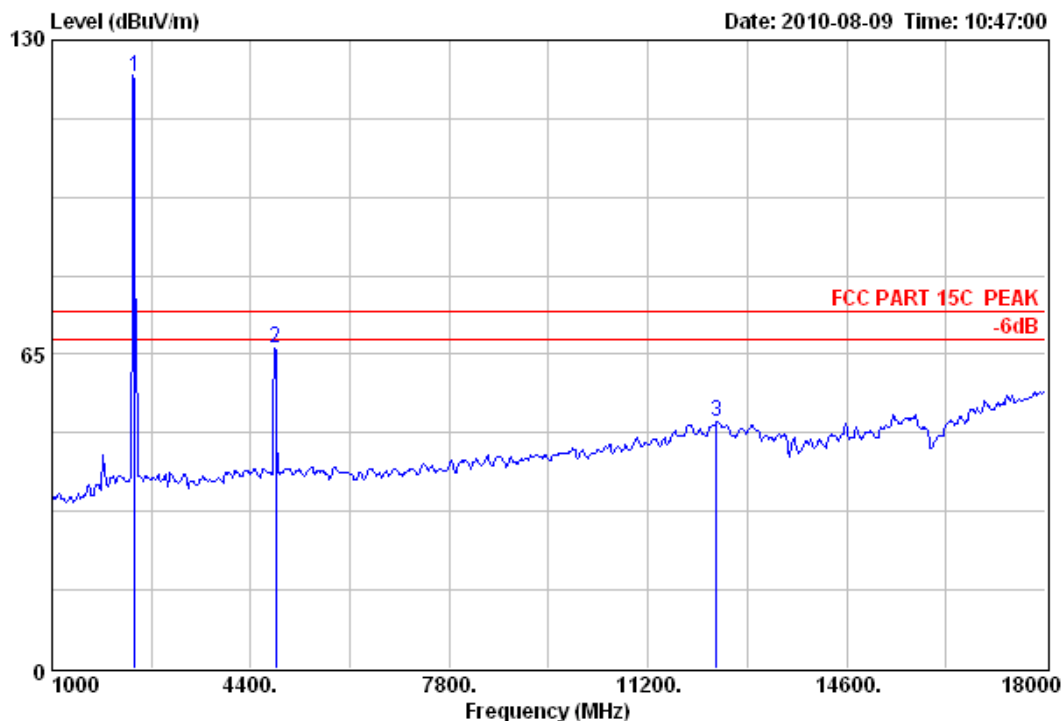
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Data: 586

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:47:00



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|------------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2412.00 | 122.31 | 74.00 | -48.31 | 88.58 | 31.50 | 2.23 | Peak |
| 2 4824.00 | 66.35 | 74.00 | 7.65 | 29.38 | 34.59 | 2.38 | Peak |
| 3 12373.00 | 51.14 | 74.00 | 22.86 | 8.35 | 39.95 | 2.84 | Peak |

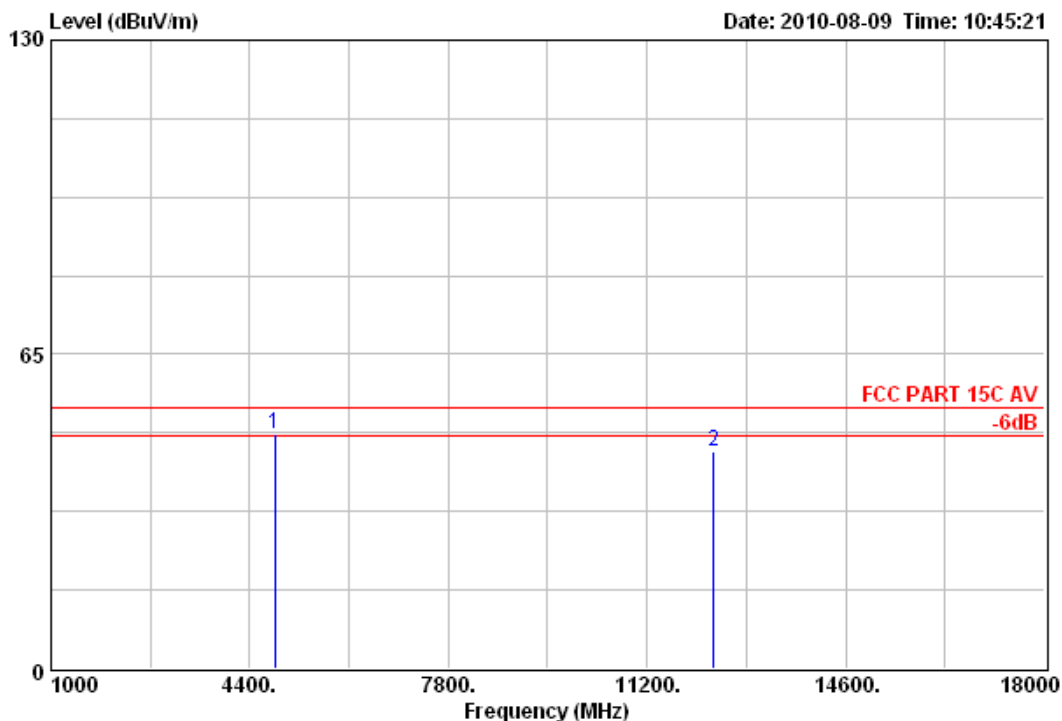
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Data: 587

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:45:21



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 4824.00 | 48.59 | | 54.00 | 5.41 | 11.62 | 34.59 | 2.38 | Average |
| 212339.00 | 44.95 | | 54.00 | 9.05 | 2.17 | 39.94 | 2.84 | Average |



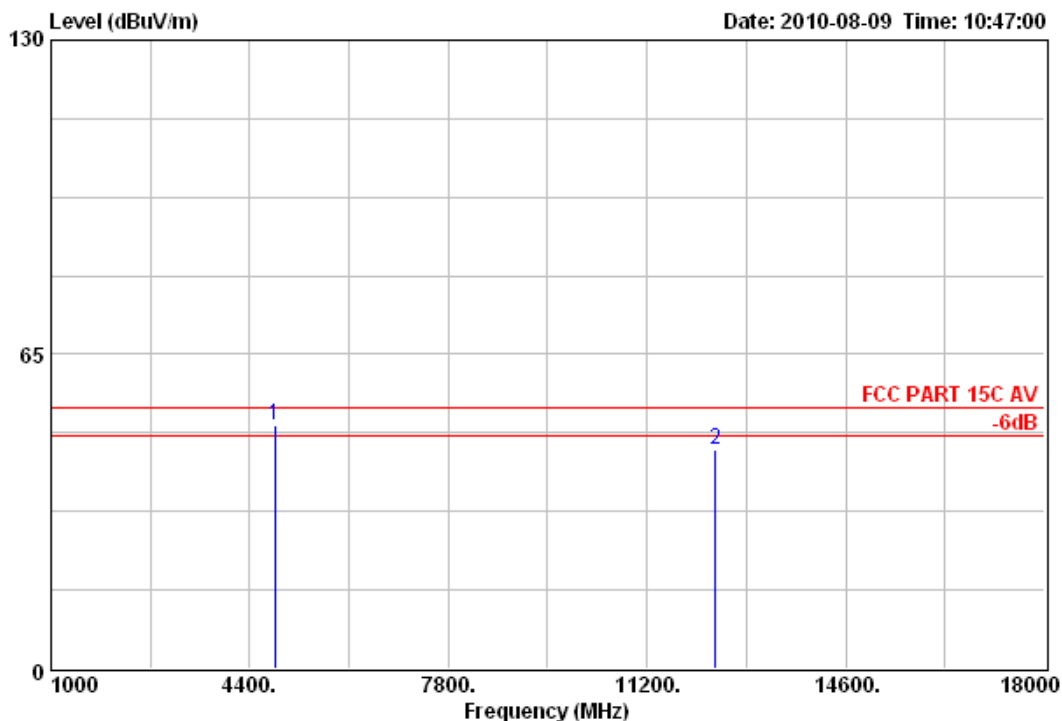
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Data: 588

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:47:00



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 4824.00 | 50.35 | | 54.00 | 3.65 | 13.38 | 34.59 | 2.38 | Average |
| 21237.30 | 45.14 | | 54.00 | 8.86 | 2.35 | 39.95 | 2.84 | Average |



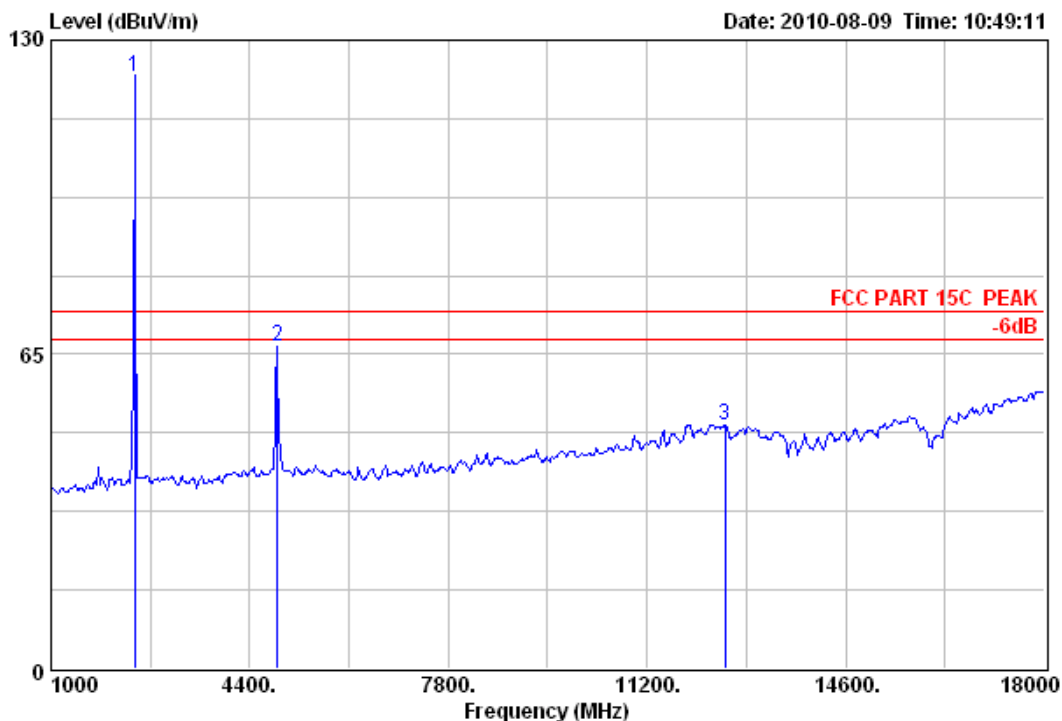
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Data: 589

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:49:11



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH2
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|-------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 2438.00 | 122.35 | 74.00 | -48.35 | 88.58 | 31.54 | 2.23 | | Peak |
| 2 4876.00 | 66.74 | 74.00 | 7.26 | 29.74 | 34.62 | 2.38 | | Peak |
| 3 12543.00 | 50.51 | 74.00 | 23.49 | 7.63 | 40.03 | 2.85 | | Peak |



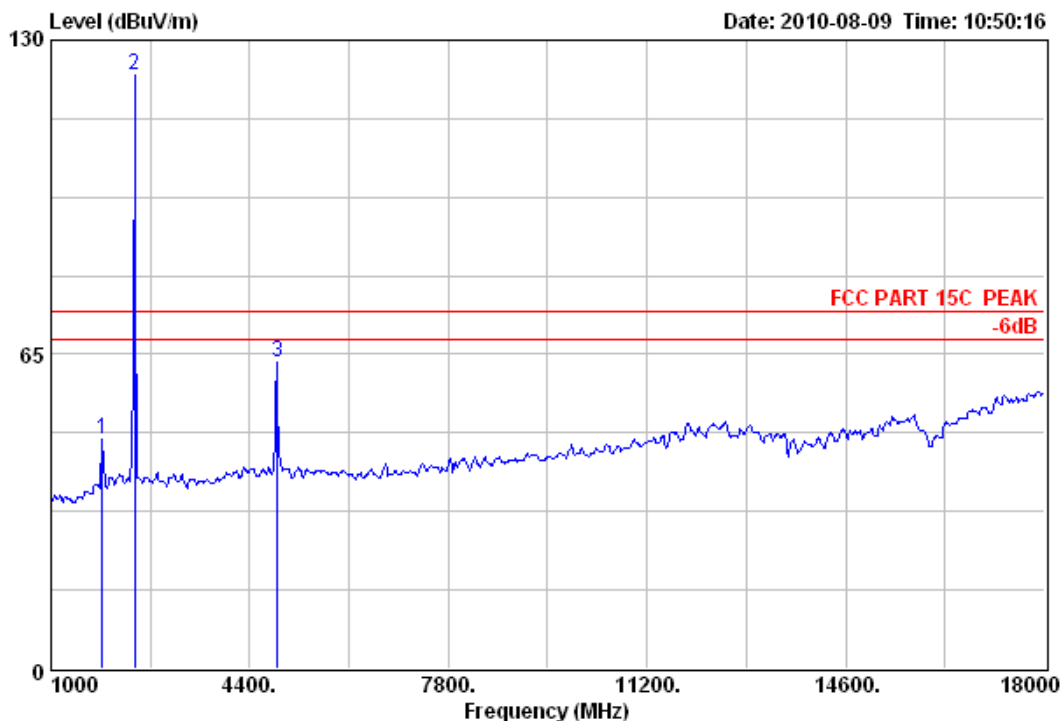
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Data: 590

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:50:16



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH2
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 1884.00 | 47.40 | 74.00 | 26.60 | 14.87 | 30.34 | 2.19 | Peak |
| 2 2438.00 | 122.67 | 74.00 | -48.67 | 88.90 | 31.54 | 2.23 | Peak |
| 3 4876.00 | 63.32 | 74.00 | 10.68 | 26.32 | 34.62 | 2.38 | Peak |

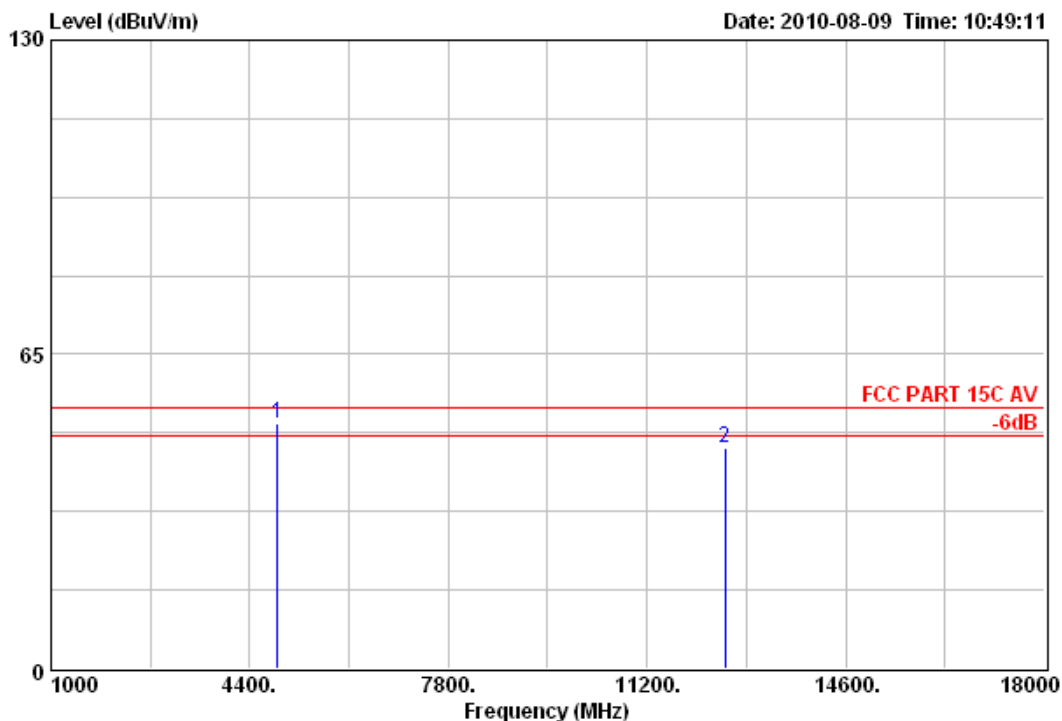


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Data: 591 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:49:11



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH2
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 4876.00 | 50.74 | | 54.00 | 3.26 | 13.74 | 34.62 | 2.38 | Average |
| 212543.00 | 45.51 | | 54.00 | 8.49 | 2.63 | 40.03 | 2.85 | Average |



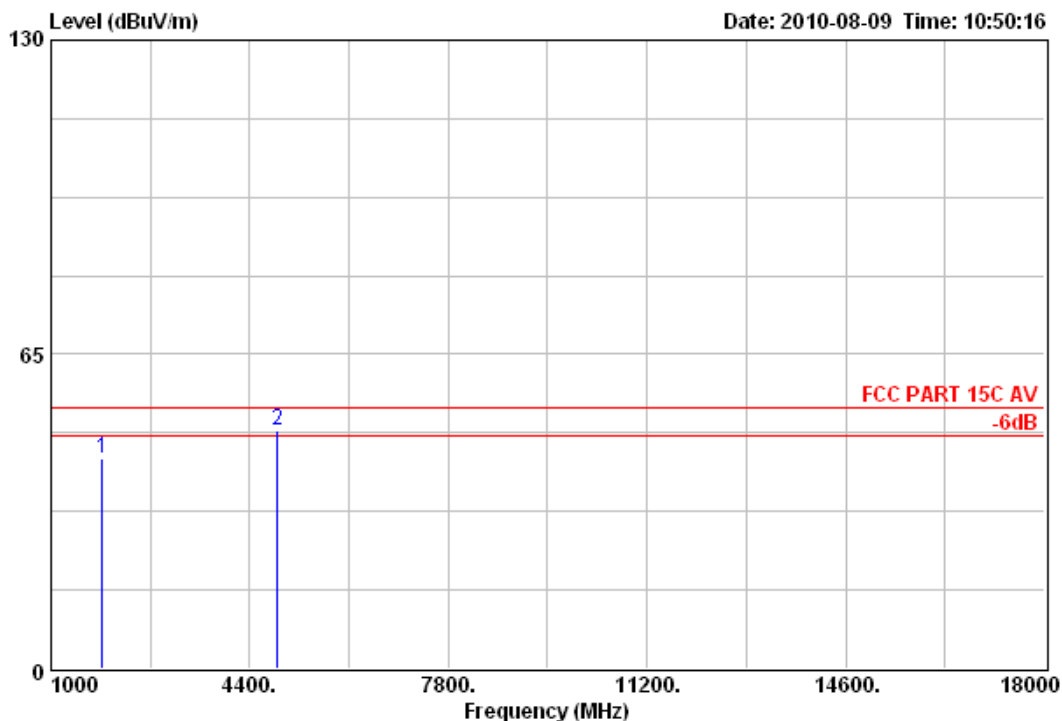
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Data: 592

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:50:16



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH2
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 1884.00 | 43.40 | | 54.00 | 10.60 | 10.87 | 30.34 | 2.19 | Average |
| 2 4876.00 | 49.32 | | 54.00 | 4.68 | 12.32 | 34.62 | 2.38 | Average |



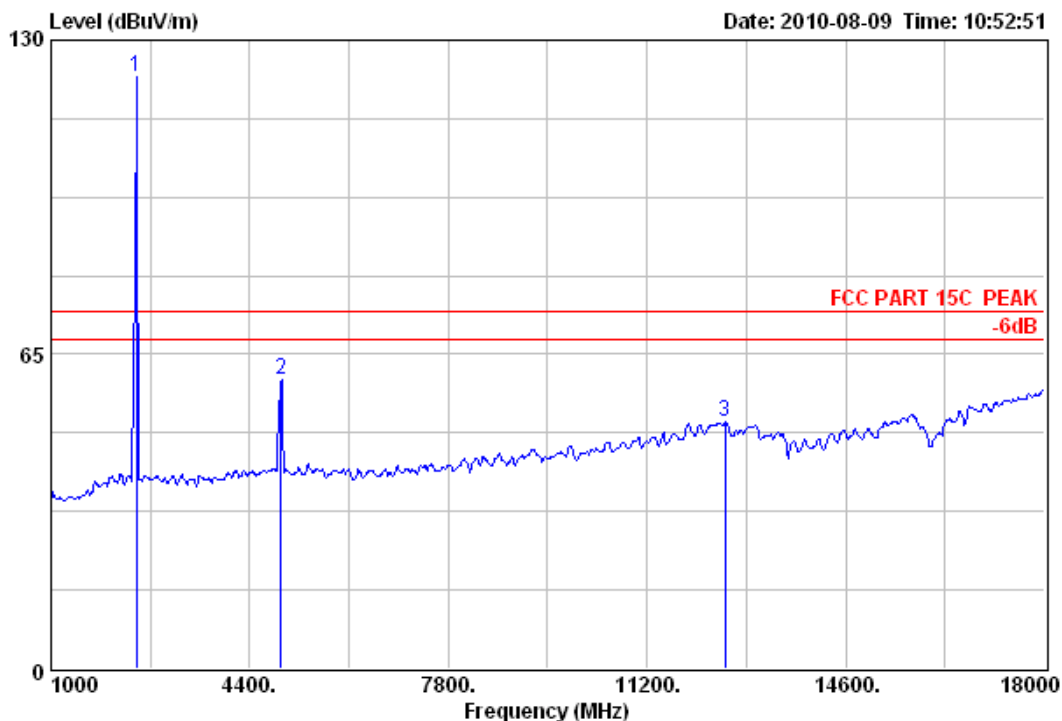
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Data: 593

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:52:51



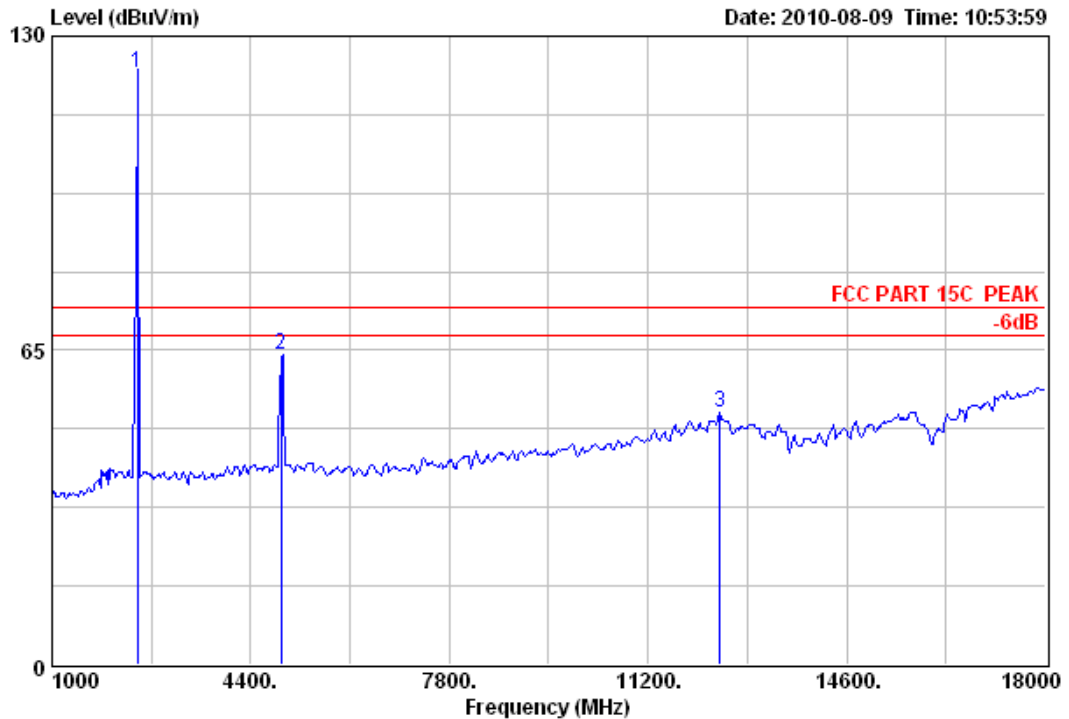
Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|------------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2464.00 | 122.49 | 74.00 | -48.49 | 88.70 | 31.56 | 2.23 | Peak |
| 2 4928.00 | 59.61 | 74.00 | 14.39 | 22.57 | 34.66 | 2.38 | Peak |
| 3 12543.00 | 51.22 | 74.00 | 22.78 | 8.34 | 40.03 | 2.85 | Peak |

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Data: 594 File: D:\Radiation data\K\Kadence.EMI (641)



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| | Emission | | | | Ant. Cable | | Remark | |
|---|----------|----------|----------|--------|------------|--------|--------|------|
| | Freq. | Level | Limits | Margin | Reading | Factor | | Loss |
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | | (dB) |
| 1 | 2464.00 | 122.39 | 74.00 | -48.39 | 88.60 | 31.56 | 2.23 | Peak |
| 2 | 4924.00 | 64.09 | 74.00 | 9.91 | 27.05 | 34.66 | 2.38 | Peak |
| 3 | 12424.00 | 51.98 | 74.00 | 22.02 | 9.16 | 39.97 | 2.85 | Peak |



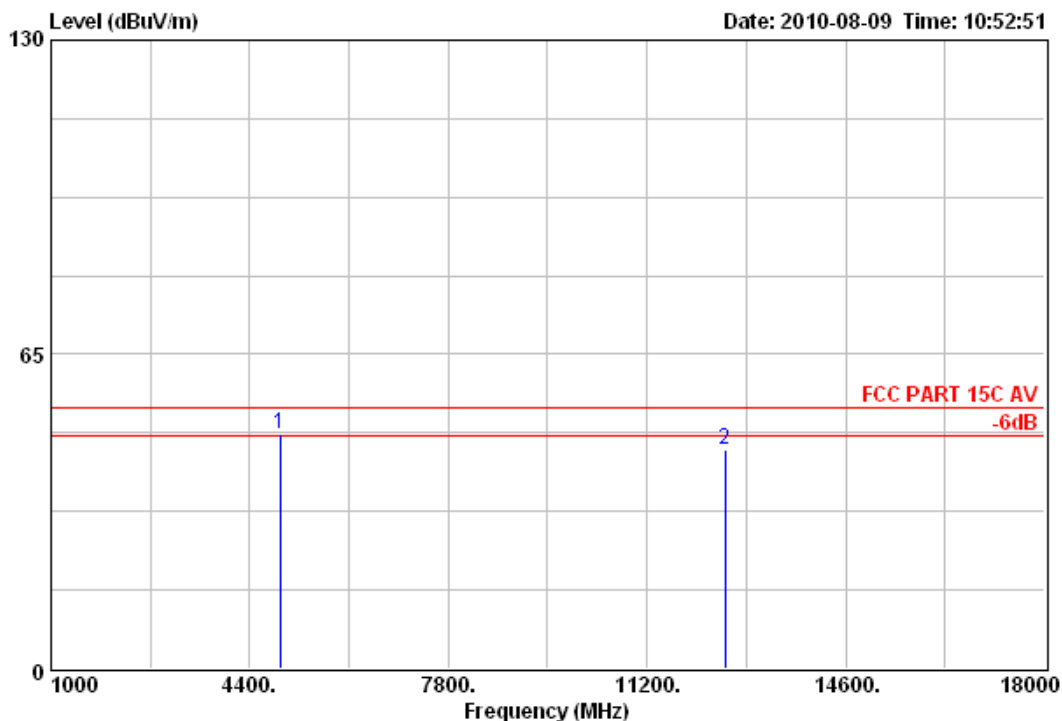
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Data: 595

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:52:51



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| Freq. (MHz) | Emission | | | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--------------------|------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | Limits (dBuV/m) | | | | Factor (dB/m) | Loss (dB) | |
| 1 4924.00 | 48.61 | 54.00 | 5.39 | 11.57 | 34.66 | 2.38 | | Average |
| 212543.00 | 45.22 | 54.00 | 8.78 | 2.34 | 40.03 | 2.85 | | Average |



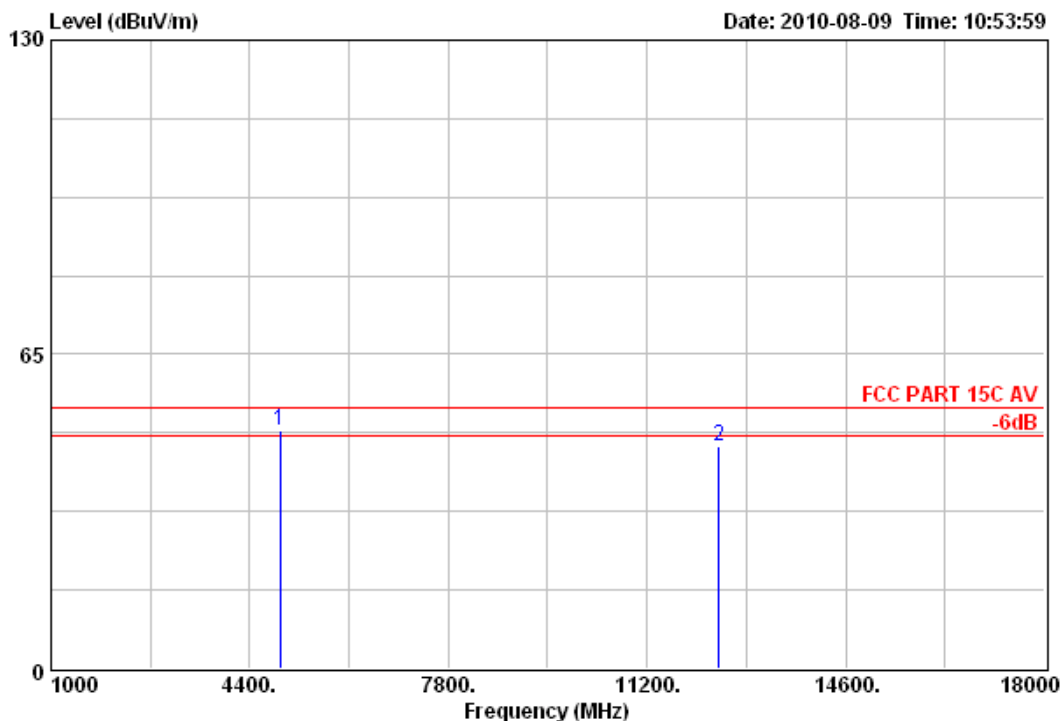
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Data: 596

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:53:59



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| Freq. (MHz) | Emission | | | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--------------------|------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | Limits (dBuV/m) | | | | Factor (dB/m) | Loss (dB) | |
| 1 4924.00 | 49.09 | 54.00 | 4.91 | 12.05 | 34.66 | 2.38 | | Average |
| 212424.00 | 45.98 | 54.00 | 8.02 | 3.16 | 39.97 | 2.85 | | Average |



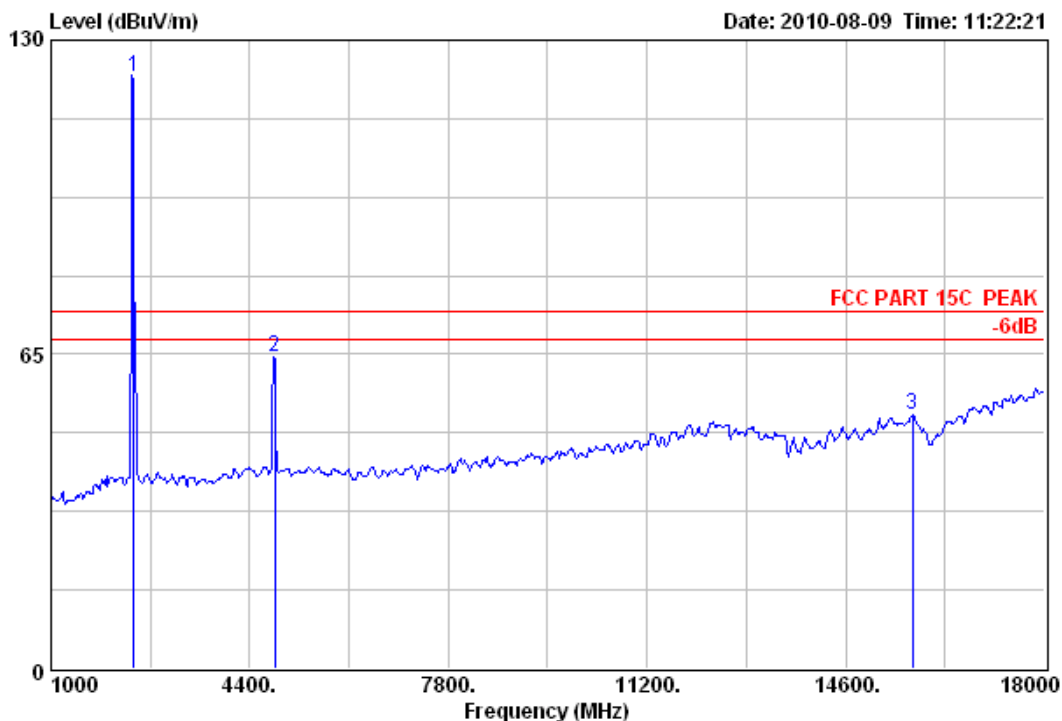
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Data: 620

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:22:21



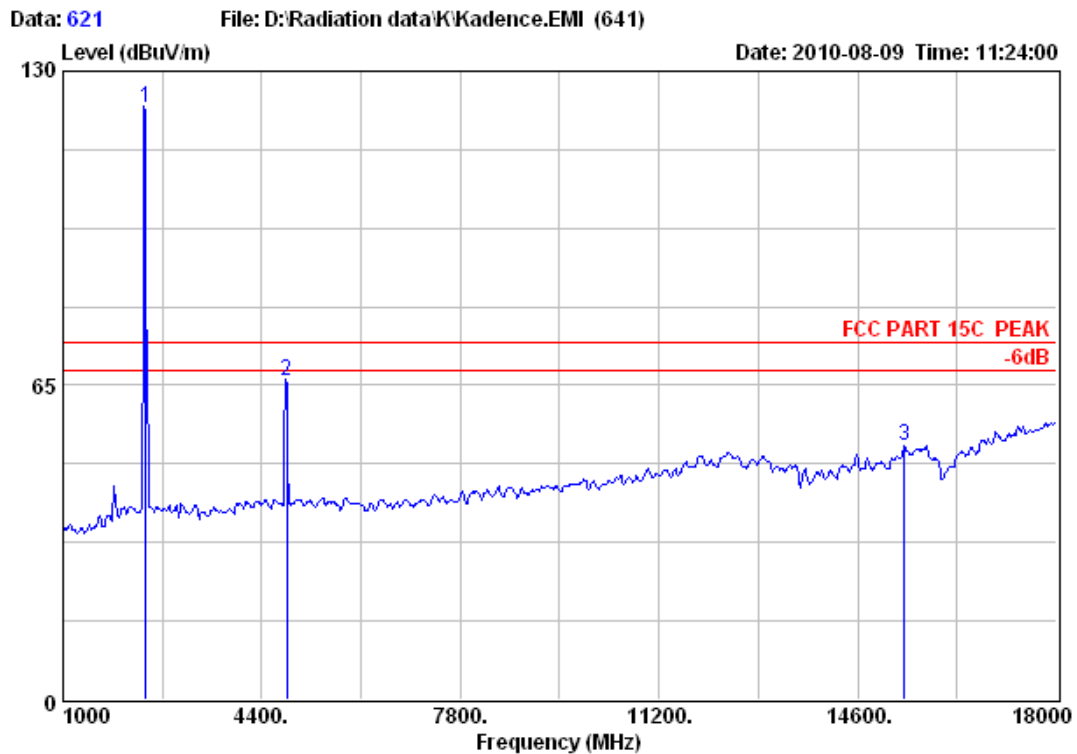
Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|------------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2412.00 | 122.25 | 74.00 | -48.25 | 88.52 | 31.50 | 2.23 | Peak |
| 2 4824.00 | 64.36 | 74.00 | 9.64 | 27.39 | 34.59 | 2.38 | Peak |
| 3 15739.00 | 52.43 | 74.00 | 21.57 | 7.34 | 42.05 | 3.04 | Peak |



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Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|------------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2412.00 | 122.32 | 74.00 | -48.32 | 88.59 | 31.50 | 2.23 | Peak |
| 2 4824.00 | 65.89 | 74.00 | 8.11 | 28.92 | 34.59 | 2.38 | Peak |
| 3 15399.00 | 52.67 | 74.00 | 21.33 | 8.08 | 41.57 | 3.02 | Peak |



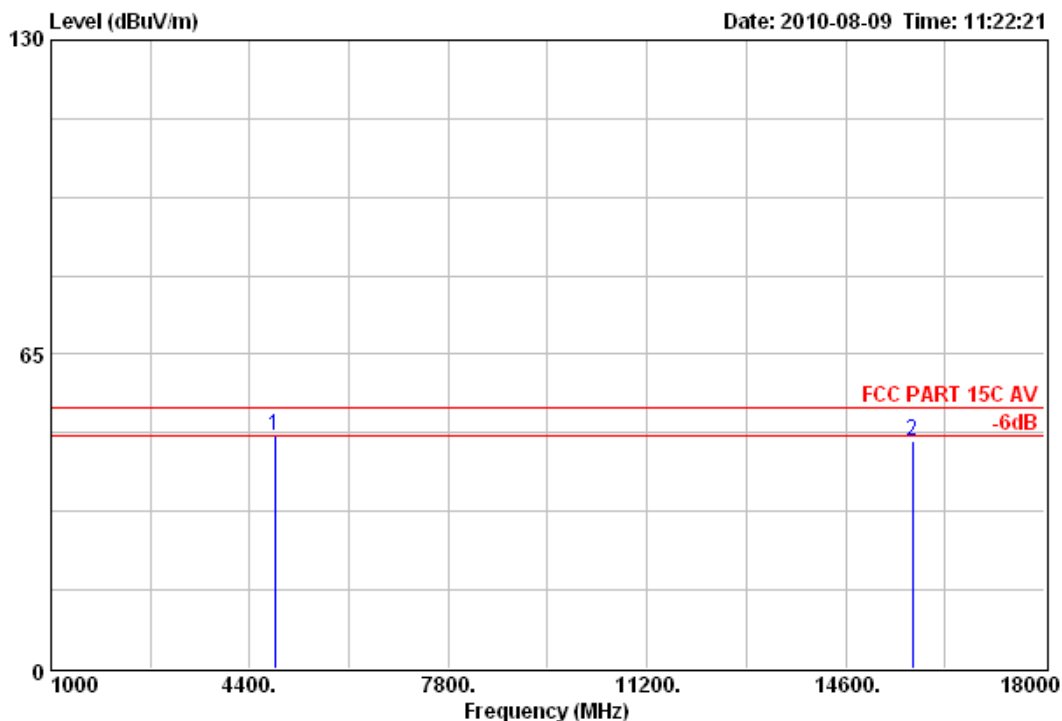
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Data: 622

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:22:21



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| Freq. (MHz) | Emission | | | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--------------------|------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | Limits (dBuV/m) | | | | Factor (dB/m) | Loss (dB) | |
| 1 4824.00 | 48.26 | 54.00 | 5.74 | 11.29 | 34.59 | 2.38 | | Average |
| 21573.90 | 46.95 | 54.00 | 7.05 | 1.86 | 42.05 | 3.04 | | Average |



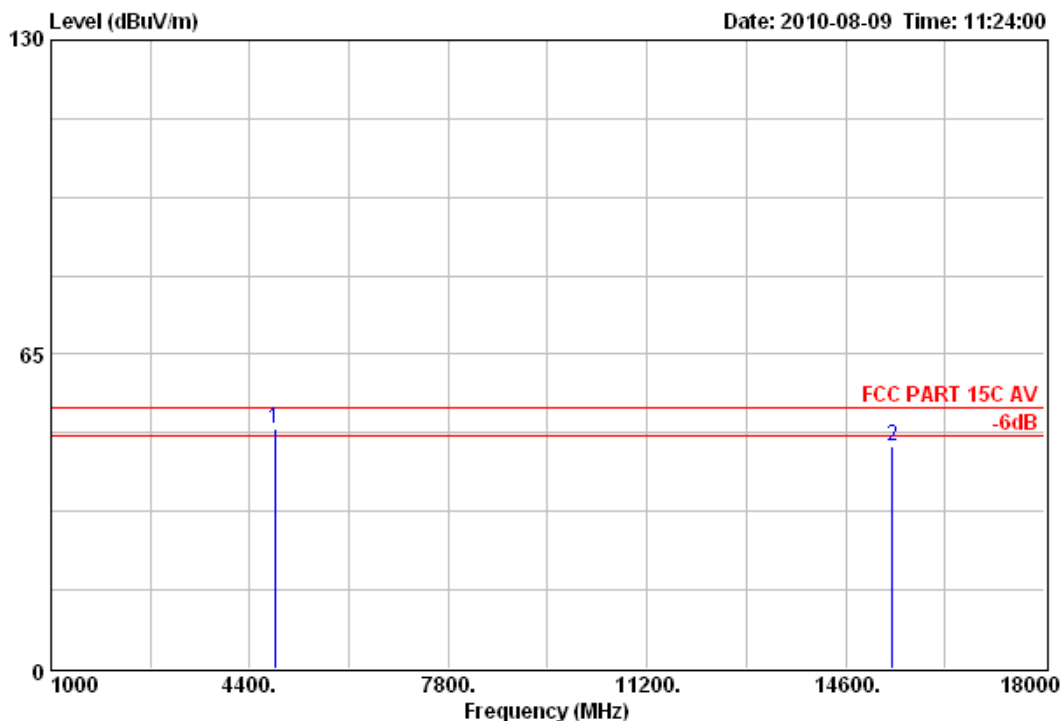
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Data: 623

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:24:00



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 4824.00 | 49.67 | | 54.00 | 4.33 | 12.70 | 34.59 | 2.38 | Average |
| 215399.00 | 46.14 | | 54.00 | 7.86 | 1.55 | 41.57 | 3.02 | Average |



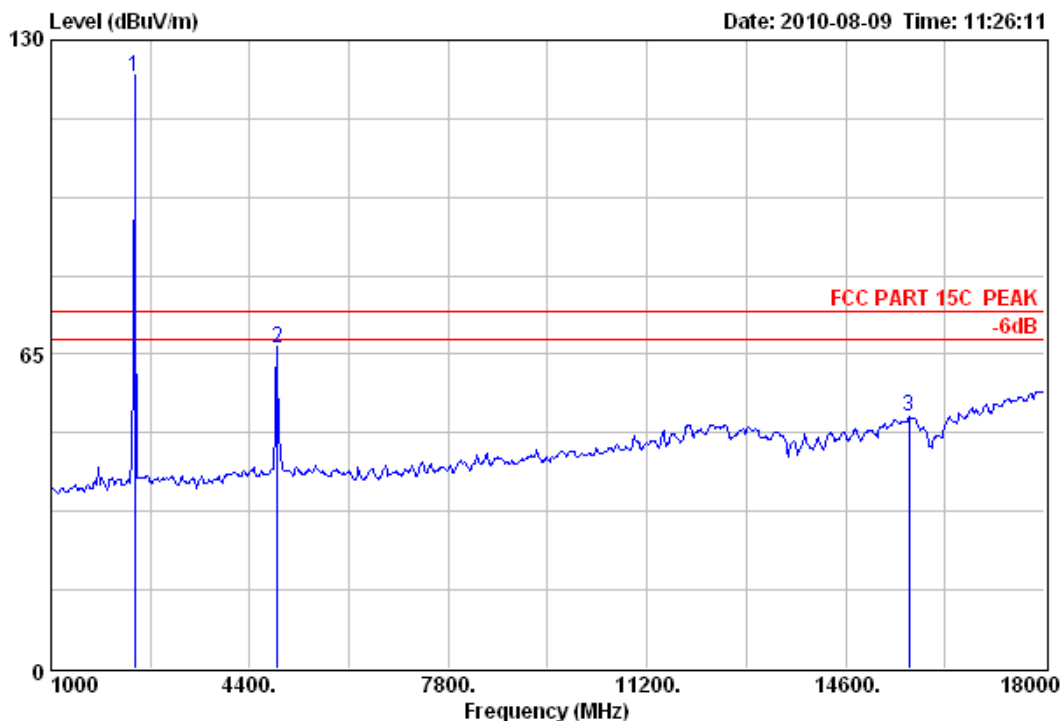
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Data: 624

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:26:11



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH2
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|-------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 2438.00 | 122.29 | 74.00 | -48.29 | 88.52 | 31.54 | 2.23 | | Peak |
| 2 4876.00 | 66.38 | 74.00 | 7.62 | 29.38 | 34.62 | 2.38 | | Peak |
| 3 15688.00 | 52.22 | 74.00 | 21.78 | 7.21 | 41.97 | 3.04 | | Peak |



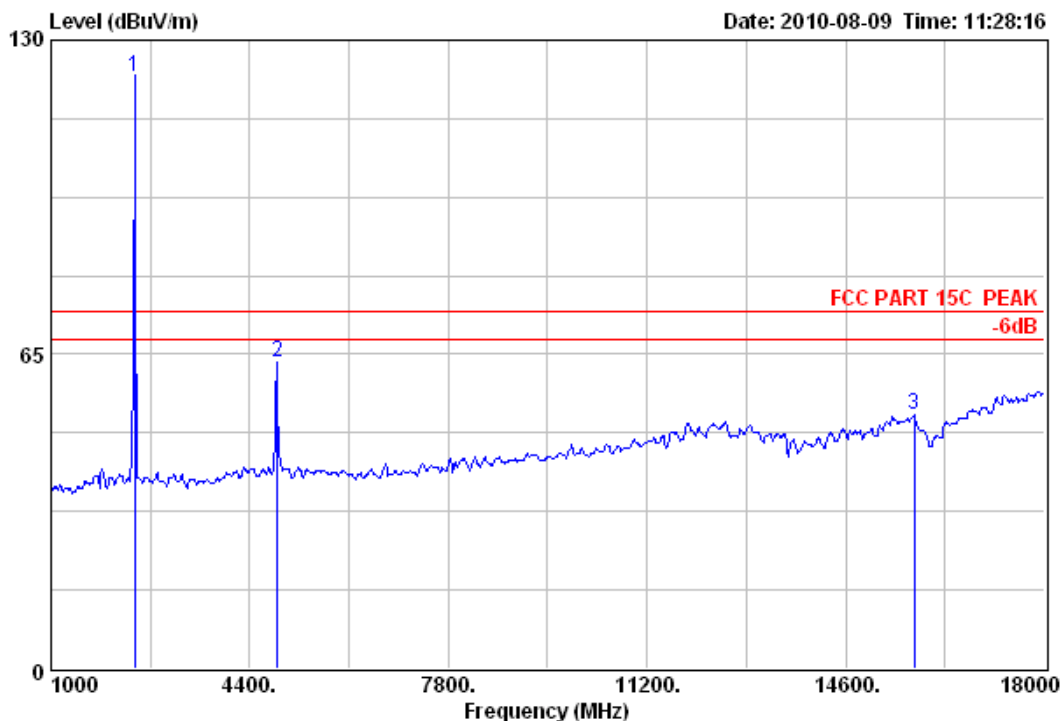
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Data: 625

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:28:16



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH2
Playing with rock music

| | Emission | | | | Ant. Cable | | |
|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 2438.00 | 122.33 | 74.00 | -48.33 | 88.56 | 31.54 | 2.23 | Peak |
| 2 4876.00 | 63.19 | 74.00 | 10.81 | 26.19 | 34.62 | 2.38 | Peak |
| 3 15773.00 | 52.41 | 74.00 | 21.59 | 7.26 | 42.10 | 3.05 | Peak |



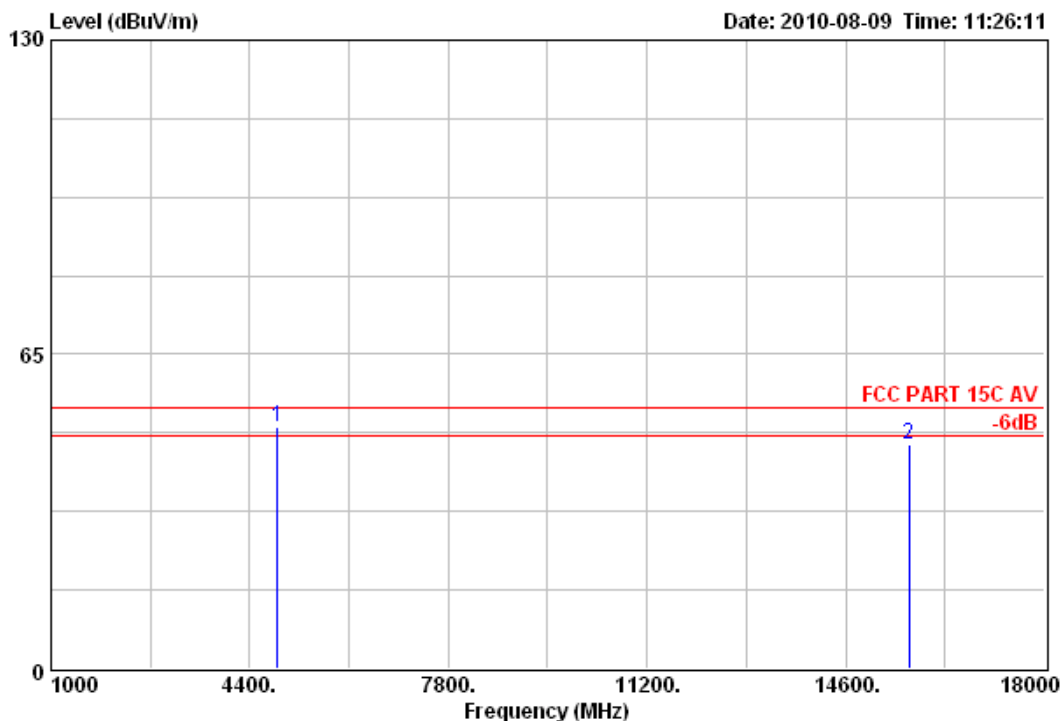
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Data: 626

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:26:11



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH2
Playing with rock music

| Freq. (MHz) | Emission | | | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--------------------|------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | Limits (dBuV/m) | | | | Factor (dB/m) | Loss (dB) | |
| 1 4876.00 | 49.95 | 54.00 | 4.05 | 12.95 | 34.62 | 2.38 | | Average |
| 215688.00 | 46.51 | 54.00 | 7.49 | 1.50 | 41.97 | 3.04 | | Average |

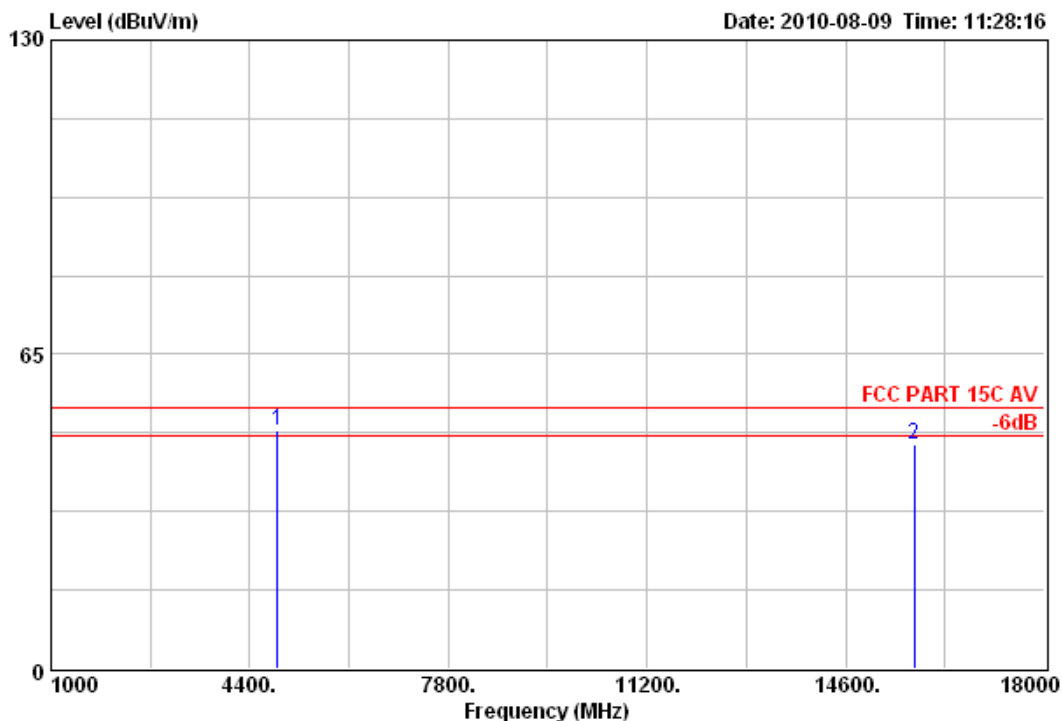


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Data: 627 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:28:16



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH2
Playing with rock music

| Freq. (MHz) | Emission | | | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--------------------|------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | Limits (dBuV/m) | | | | Factor (dB/m) | Loss (dB) | |
| 1 4876.00 | 49.19 | 54.00 | 4.81 | 12.19 | 34.62 | 2.38 | | Average |
| 215773.00 | 46.40 | 54.00 | 7.60 | 1.25 | 42.10 | 3.05 | | Average |



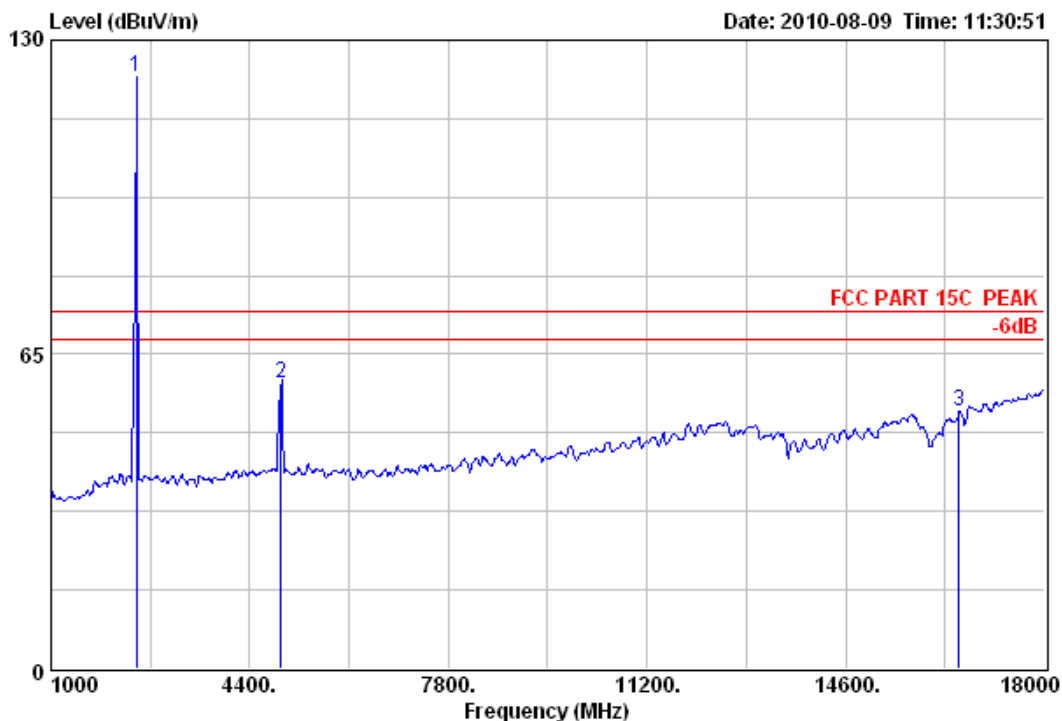
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Data: 628

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:30:51



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|------------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBUV/m) | (dBUV/m) | (dB) | (dBUV) | (dB/m) | (dB) | |
| 1 2464.00 | 122.28 | 74.00 | -48.28 | 88.49 | 31.56 | 2.23 | Peak |
| 2 4928.00 | 59.18 | 74.00 | 14.82 | 22.14 | 34.66 | 2.38 | Peak |
| 3 16538.00 | 53.32 | 74.00 | 20.68 | 7.38 | 42.85 | 3.09 | Peak |



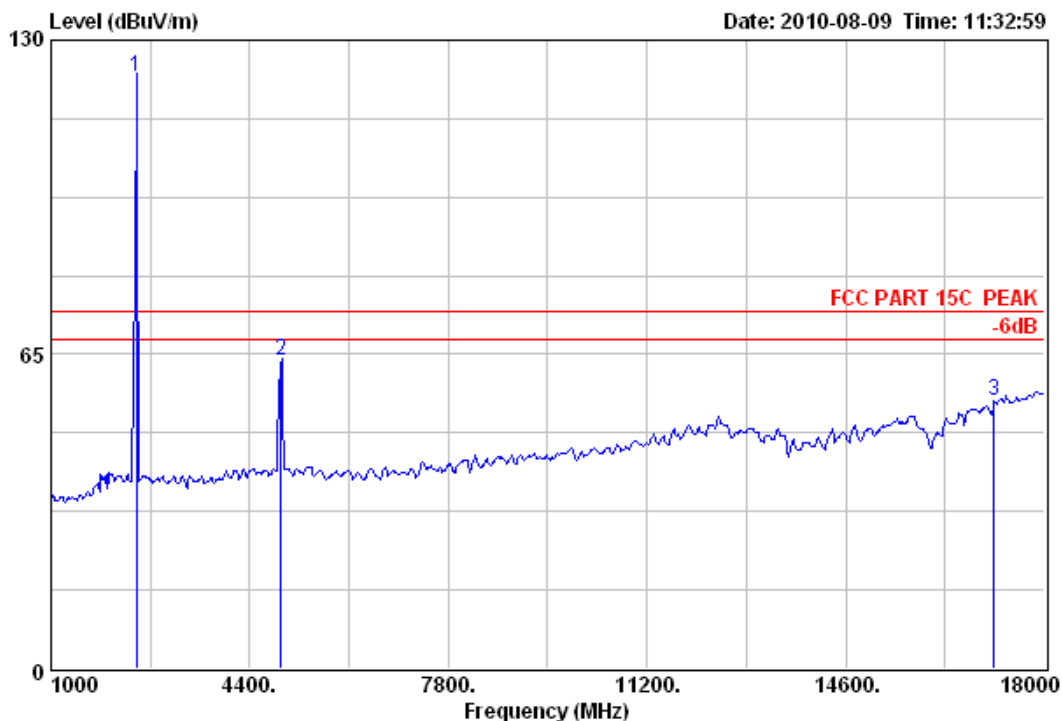
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Data: 629

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:32:59



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| | Emission | | | | Ant. Cable | | | Remark |
|---|----------|----------|----------|--------|------------|--------|------|--------|
| | Freq. | Level | Limits | Margin | Reading | Factor | Loss | |
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 | 2464.00 | 122.39 | 74.00 | -48.39 | 88.60 | 31.56 | 2.23 | Peak |
| 2 | 4928.00 | 63.59 | 74.00 | 10.41 | 26.55 | 34.66 | 2.38 | Peak |
| 3 | 17133.00 | 55.31 | 74.00 | 18.69 | 9.00 | 43.18 | 3.13 | Peak |



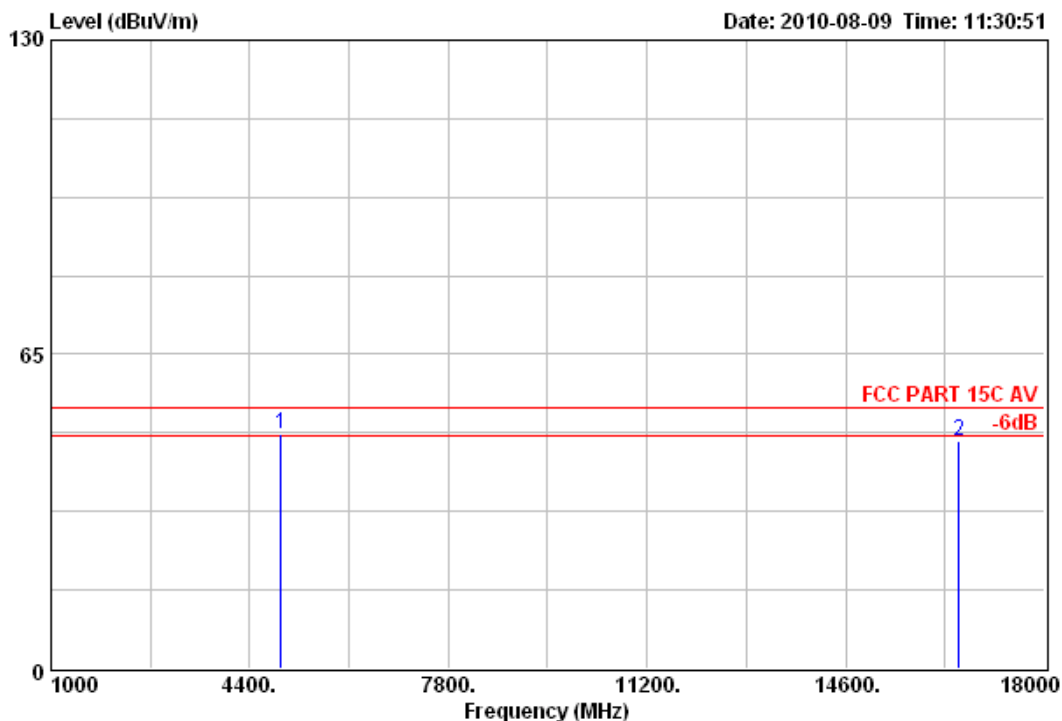
NS Technology

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Data: 630

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:30:51



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 4928.00 | 48.65 | | 54.00 | 5.35 | 11.61 | 34.66 | 2.38 | Average |
| 216538.00 | 47.22 | | 54.00 | 6.78 | 1.28 | 42.85 | 3.09 | Average |

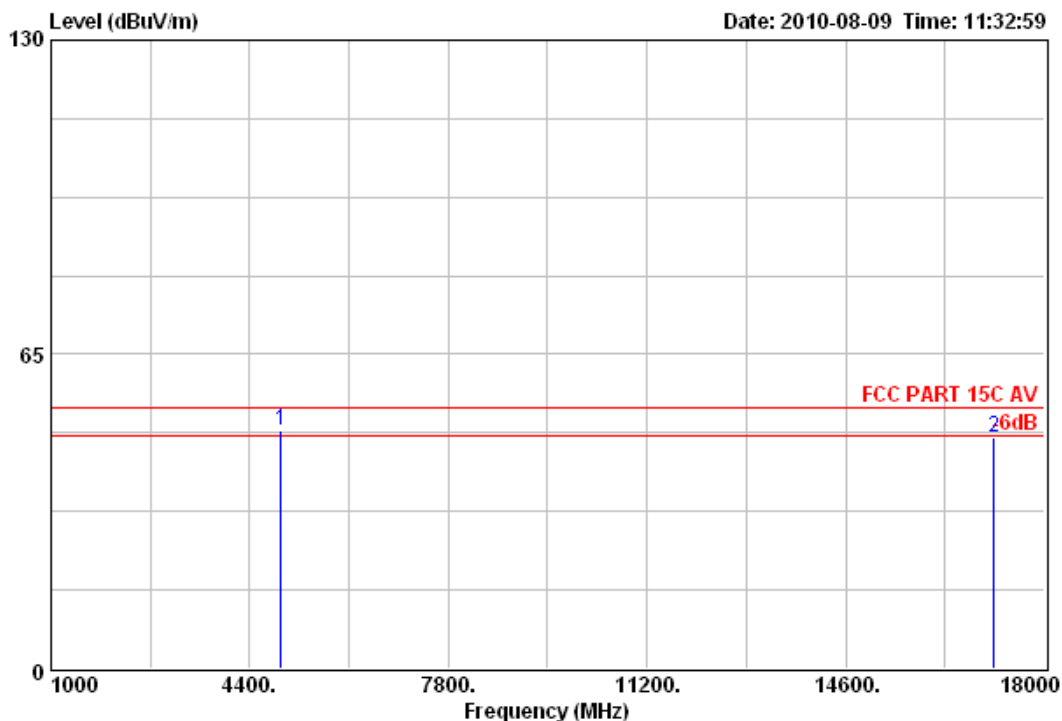


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Data: 631 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:32:59



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 4928.00 | 49.21 | | 54.00 | 4.79 | 12.17 | 34.66 | 2.38 | Average |
| 217133.00 | 47.98 | | 54.00 | 6.02 | 1.67 | 43.18 | 3.13 | Average |



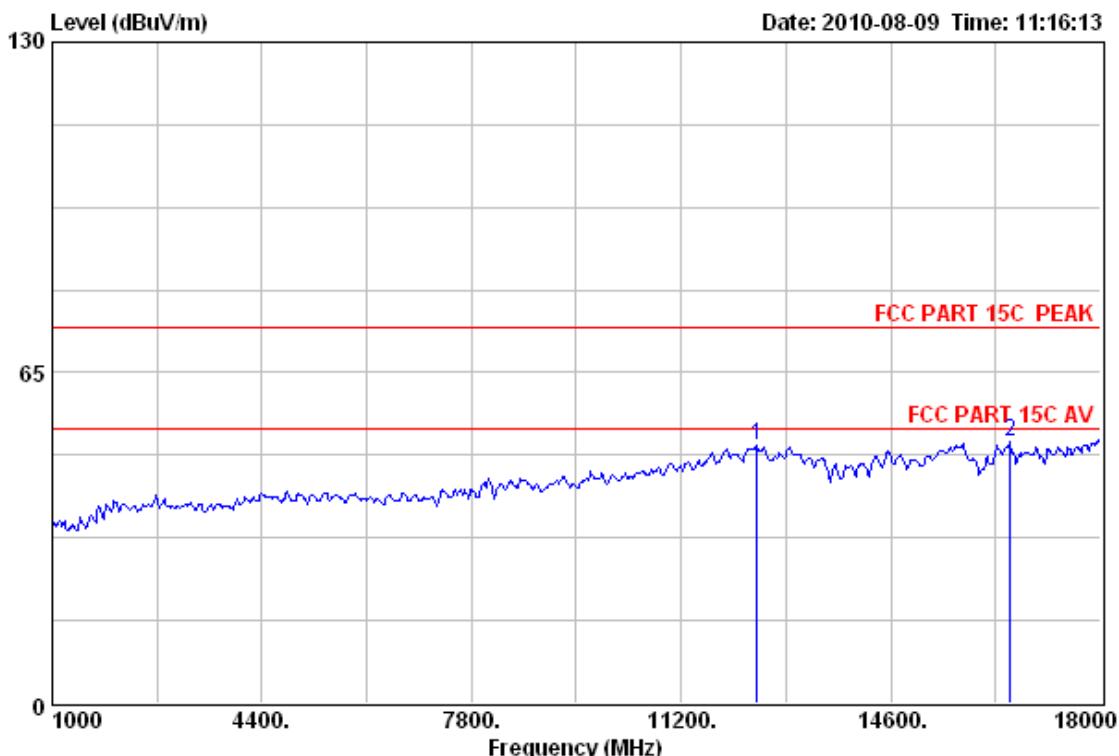
NS Technology

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Fax: +86-769-85991080

Data: 614

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:16:13



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : RX Mode ANT2
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBUV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 112424.00 | 50.59 | | 74.00 | 23.41 | 7.77 | 39.97 | 2.85 | Peak |
| 216538.00 | 51.45 | | 74.00 | 22.55 | 5.51 | 42.85 | 3.09 | Peak |



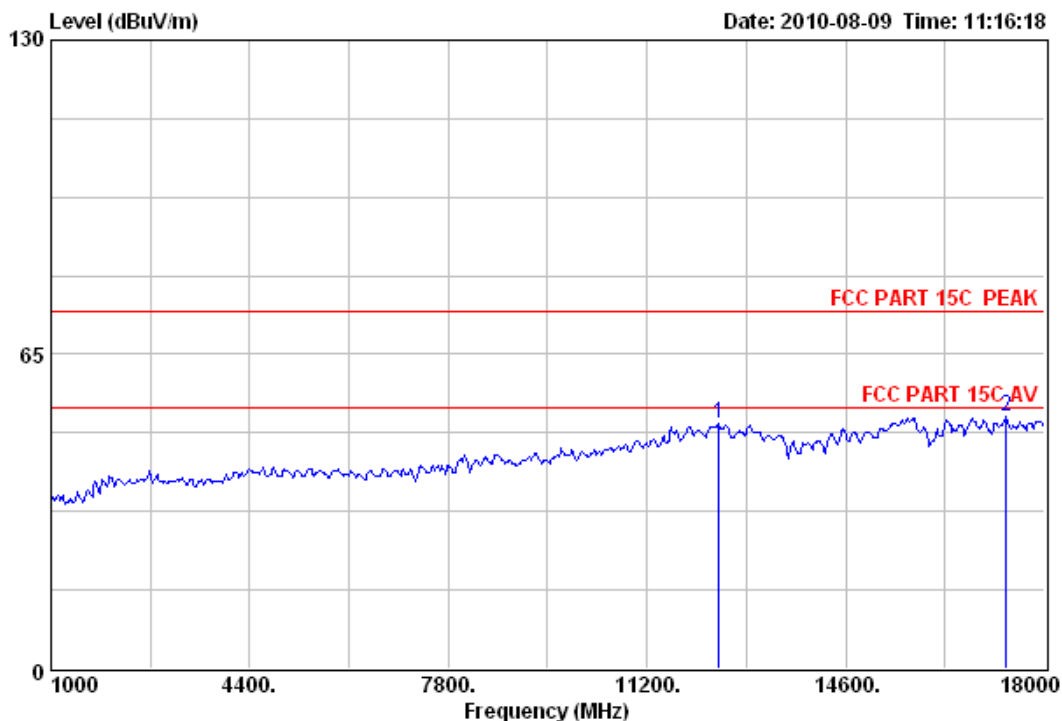
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Fax: +86-769-85991080

Data: 615

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:16:18



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : RX Mode ANT2
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBUV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 112424.00 | 50.59 | | 74.00 | 23.41 | 7.77 | 39.97 | 2.85 | Peak |
| 217354.00 | 52.08 | | 74.00 | 21.92 | 6.12 | 42.82 | 3.14 | Peak |



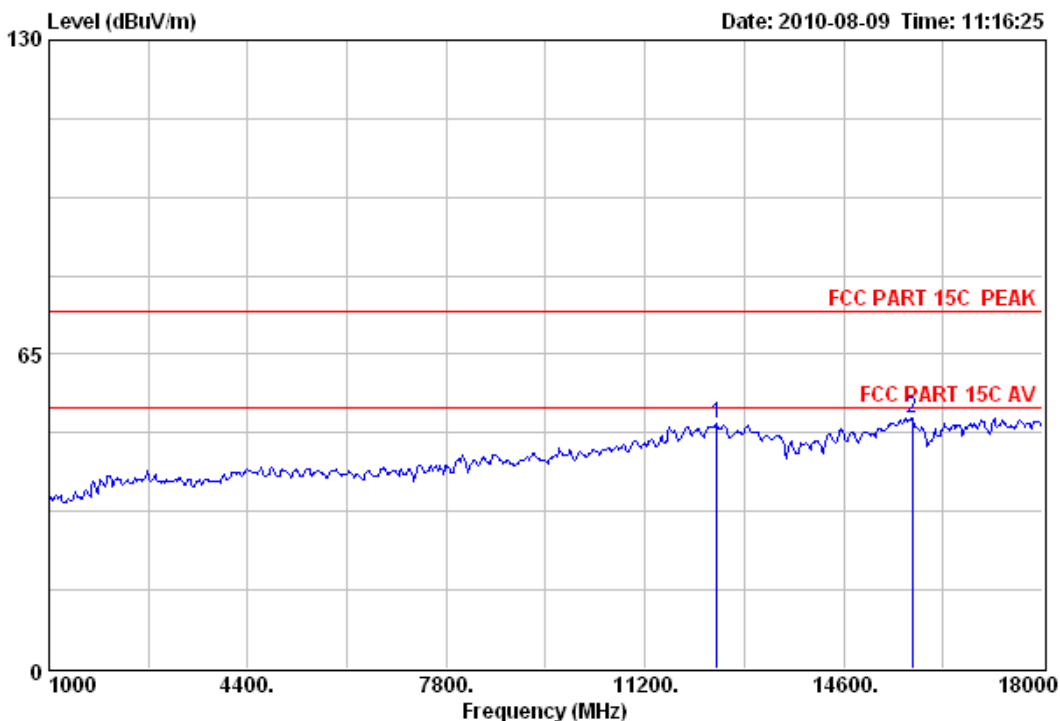
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Fax: +86-769-85991080

Data: 616

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:16:25



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : RX Mode ANT1
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 112424.00 | 50.59 | | 74.00 | 23.41 | 7.77 | 39.97 | 2.85 | Peak |
| 215773.00 | 51.92 | | 74.00 | 22.08 | 6.77 | 42.10 | 3.05 | Peak |

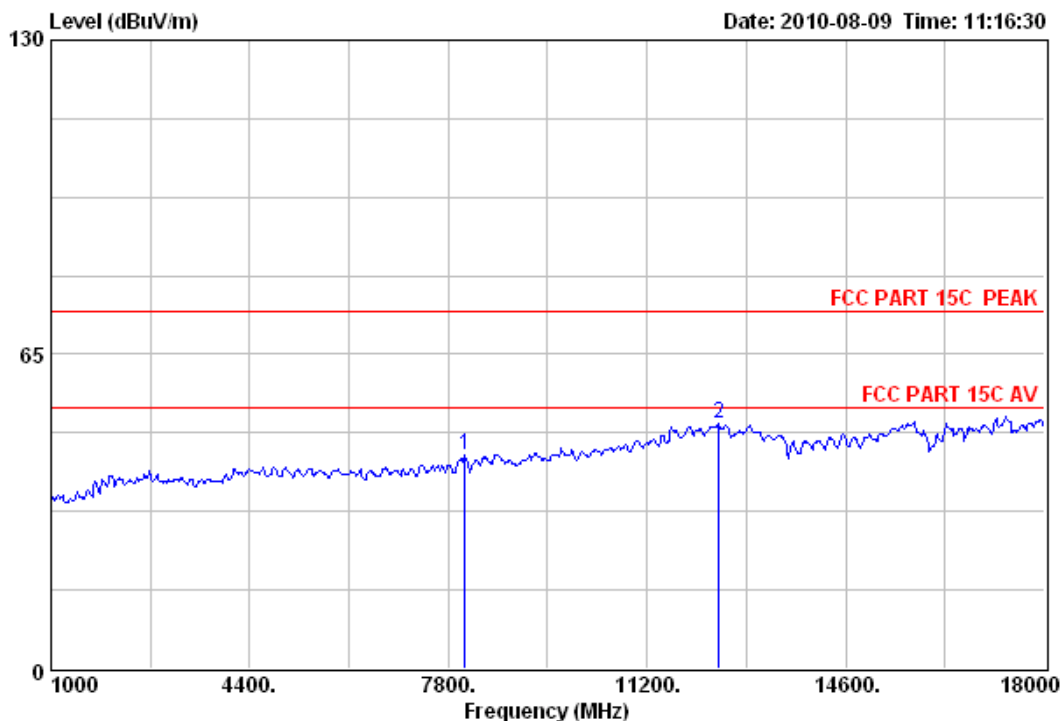


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Data: 617 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:16:30



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : RX Mode ANT1
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 8089.00 | 44.30 | | 74.00 | 29.70 | 4.74 | 36.98 | 2.58 | Peak |
| 212424.00 | 50.59 | | 74.00 | 23.41 | 7.77 | 39.97 | 2.85 | Peak |



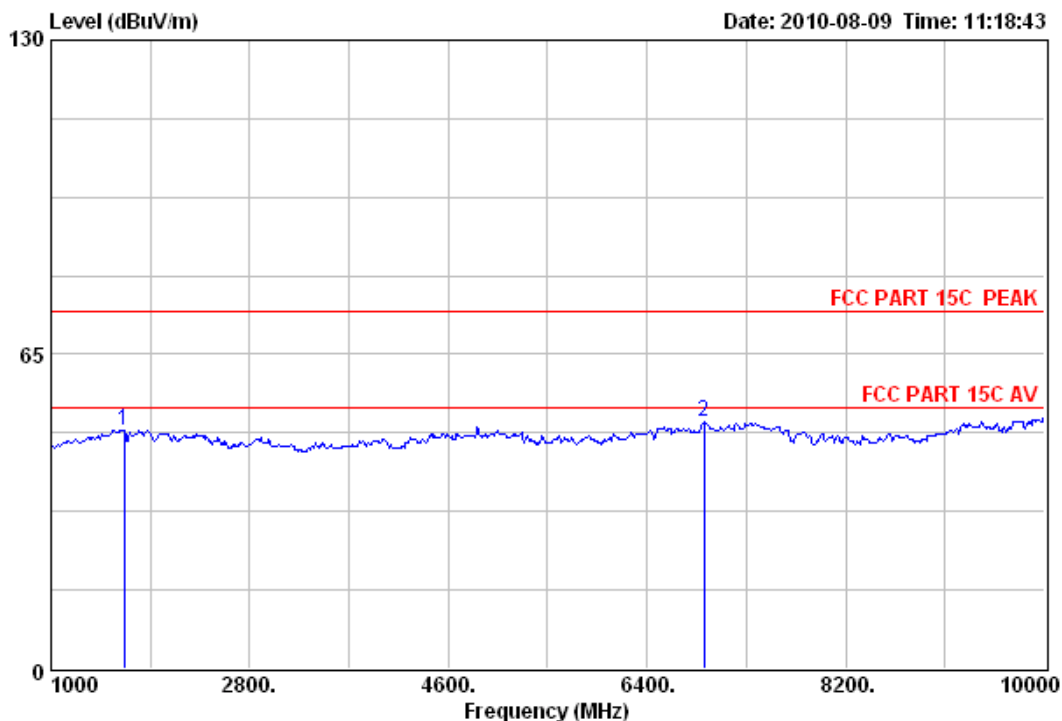
NS Technology

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Data: 618

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:18:43



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : RX 908MHz
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBUV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 1666.00 | 49.26 | | 74.00 | 24.74 | 59.31 | 28.83 | 2.17 | Peak |
| 2 6913.00 | 51.04 | | 74.00 | 22.96 | 53.00 | 36.84 | 2.51 | Peak |



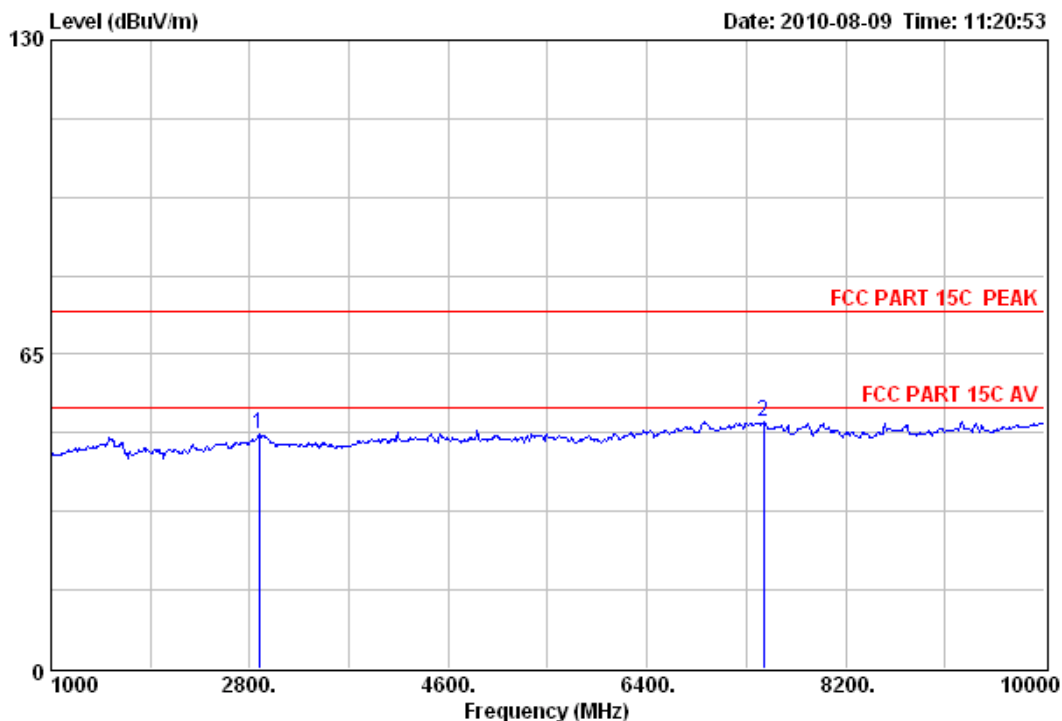
NS Technology

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Data: 619

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:20:53



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : RX 908MHz
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBUV/m) | Margin (dB) | Reading (dBUV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Level (dBUV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 2881.00 | 48.41 | | 74.00 | 25.59 | 55.00 | 31.83 | 2.26 | Peak |
| 2 7453.00 | 51.10 | | 74.00 | 22.90 | 52.90 | 36.81 | 2.54 | Peak |



5.3. Conducted emission test data

5.3.1. Test limits

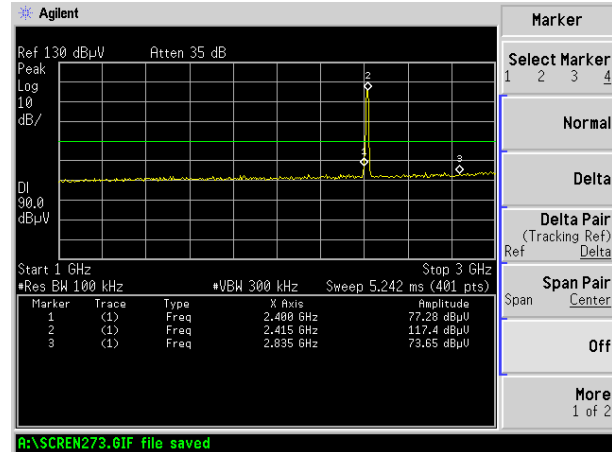
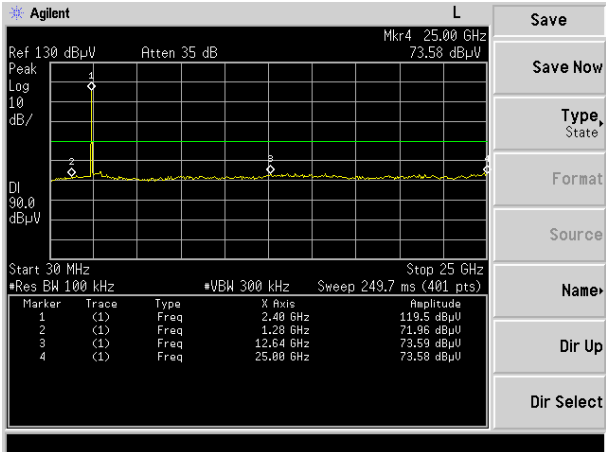
least 20 dB down from the highest emission level

5.3.2. Test procedure

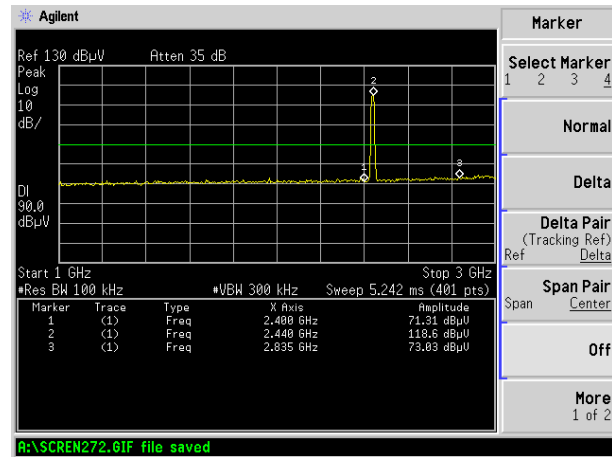
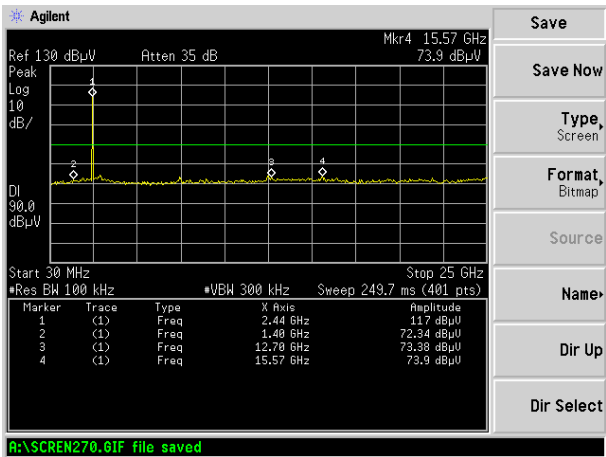
1. The EUT was placed on a table which is 0.8m above ground plane.
2. Connect EUT RF output port to the spectrum analyzer through an RF attenuator.
3. Set RBW=100kHz,VBW=300kHz; trace max hold, then view.

The test plots as following:

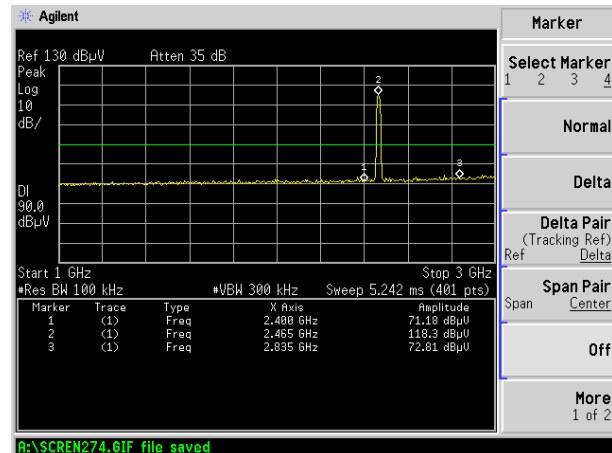
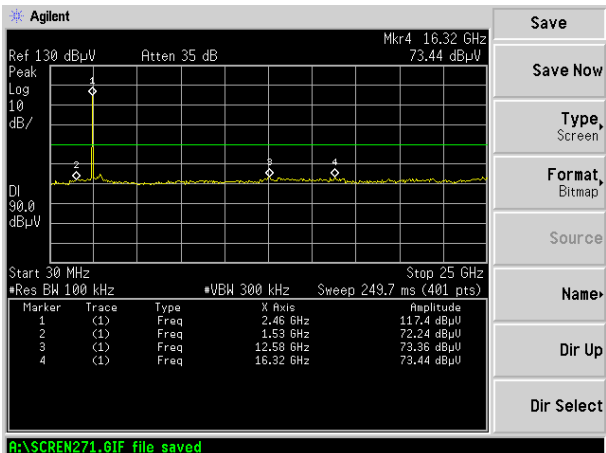
CH1 2412MHz antenna 1



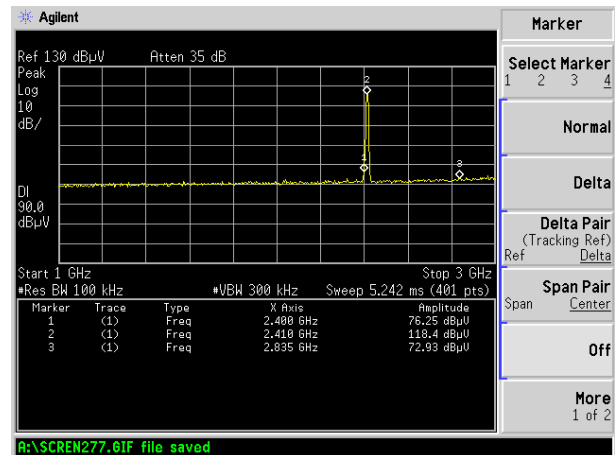
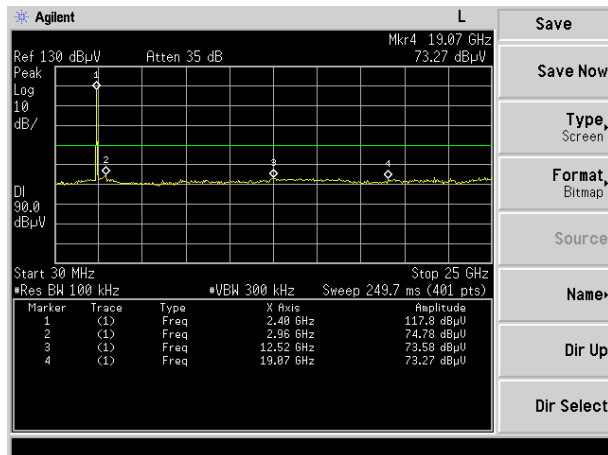
CH2 2438MHz antenna 1



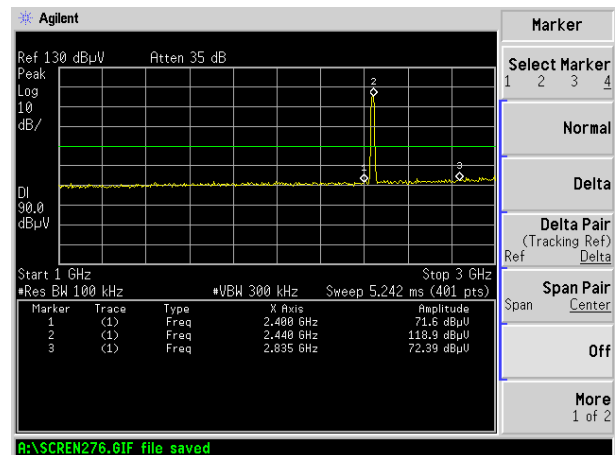
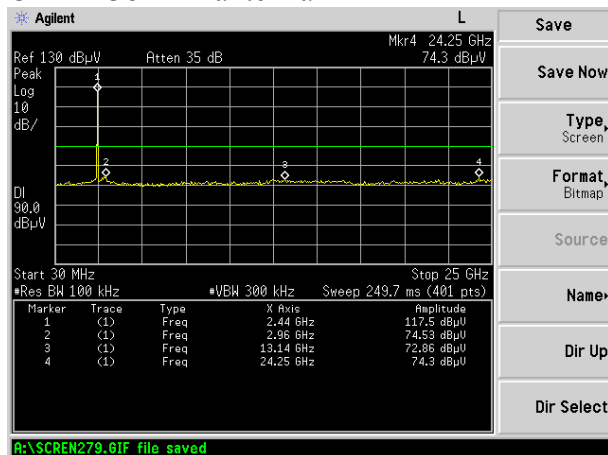
CH3 2464MHz antenna 1



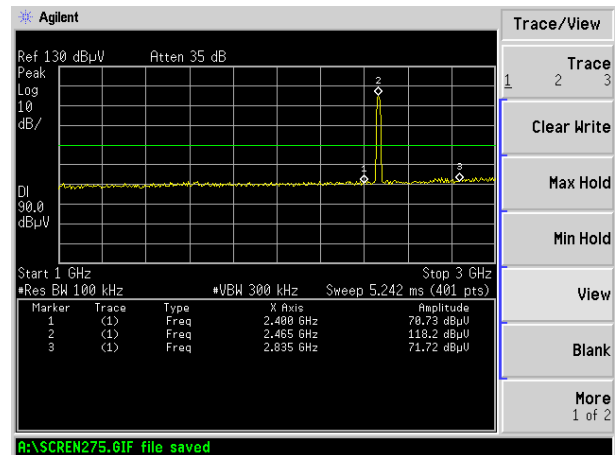
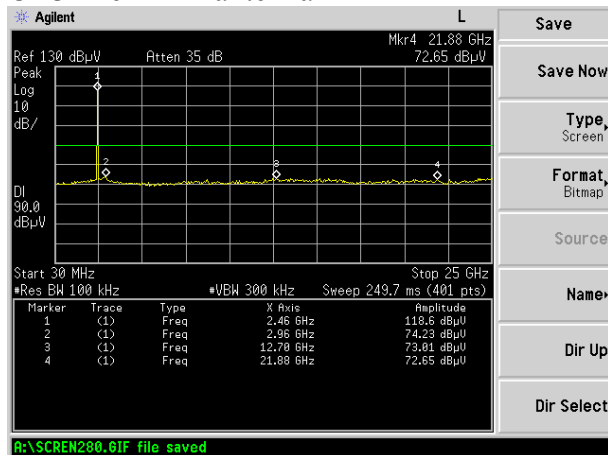
CH1 2412MHz antenna2



CH2 2438MHz antenna2



CH3 2464MHz antenna2



5.4. 6dB Bandwidth

5.4.1. Test limits

>500kHz.

5.4.2. Test procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Connect EUT RF output port to the spectrum analyzer through an RF attenuator.
3. Set SA trace max hold, then view.

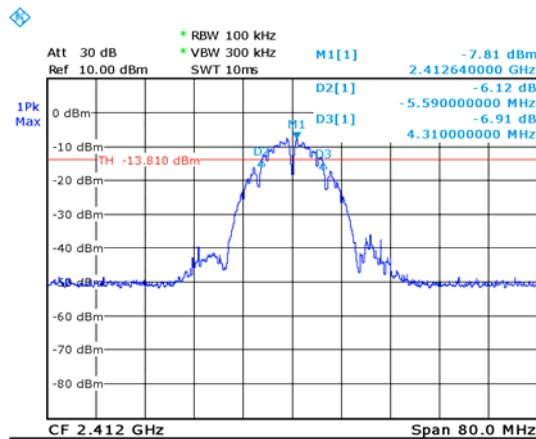
5.4.3. Test result

Pass

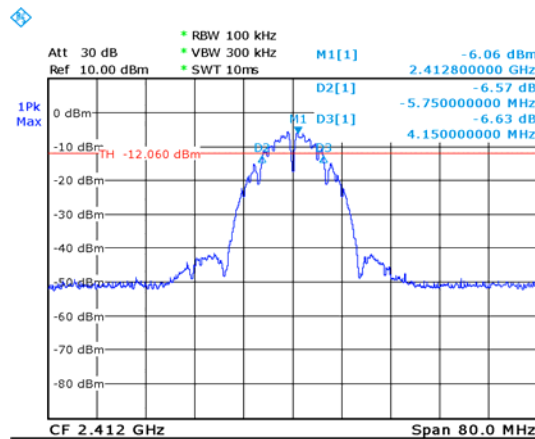
| Test Channel | Frequency MHz | 6dB bandwidth MHz | Conclusion |
|---------------|------------------|----------------------|------------|
| CH1(antenna1) | 2412MHz | 9.9 | Pass |
| CH2(antenna1) | 2438MHz | 9.9 | Pass |
| CH3(antenna1) | 2464MHz | 9.9 | Pass |
| CH1(antenna2) | 2412MHz | 9.9 | Pass |
| CH2(antenna2) | 2438MHz | 9.9 | Pass |
| CH3(antenna2) | 2464MHz | 9.9 | Pass |

The test plots as following:

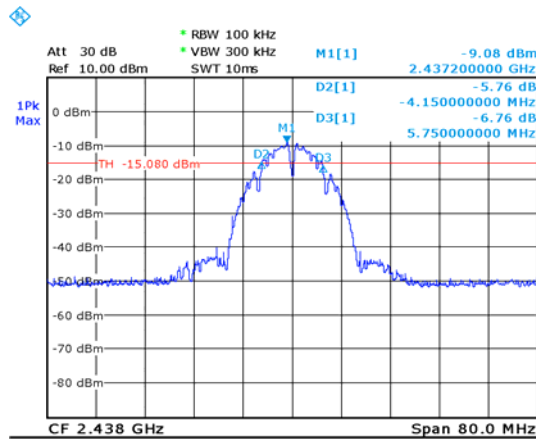
CH1 2412MHz antenna1



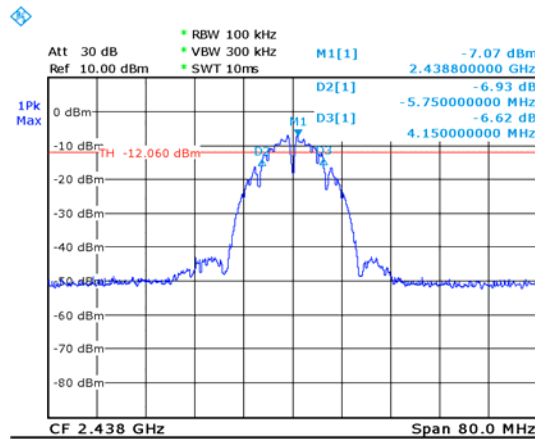
CH1 2412MHz antenna2



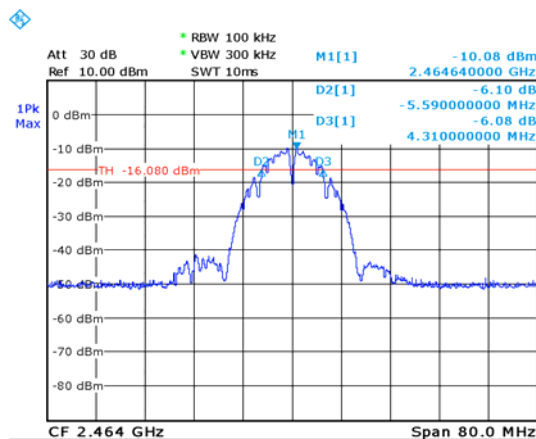
CH2 2438MHz antenna1



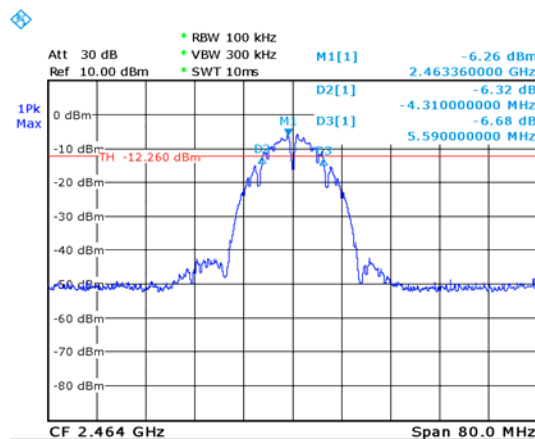
CH1 2438MHz antenna2



CH3 2464MHz antenna1



CH1 2464MHz antenna2



5.5. 99% Bandwidth

5.5.1. Test limits

No requirement.

5.5.2. Test procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Connect EUT RF output port to the spectrum analyzer through an RF attenuator.
3. Set SA trace max hold, then view.

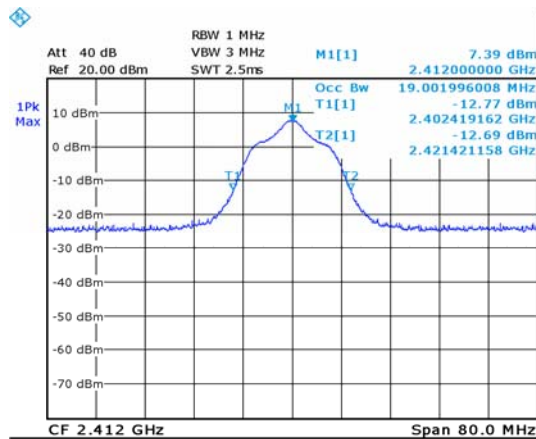
5.5.3. Test result

Pass

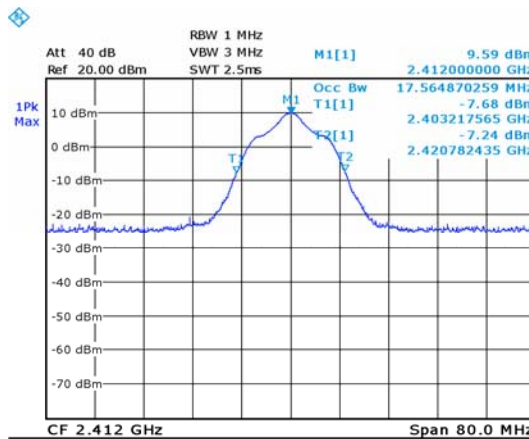
| Test Channel | Frequency MHz | 99% bandwidth MHz | Conclusion |
|---------------|------------------|----------------------|------------|
| CH1(antenna1) | 2412MHz | 19.00 | Pass |
| CH2(antenna1) | 2438MHz | 19.00 | Pass |
| CH3(antenna1) | 2464MHz | 19.00 | Pass |
| CH1(antenna2) | 2412MHz | 17.56 | Pass |
| CH2(antenna2) | 2438MHz | 17.56 | Pass |
| CH3(antenna2) | 2464MHz | 17.56 | Pass |

The test plots as following:

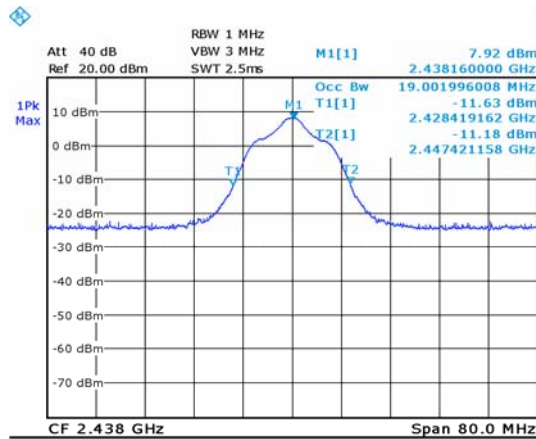
CH1 2412MHz antenna1



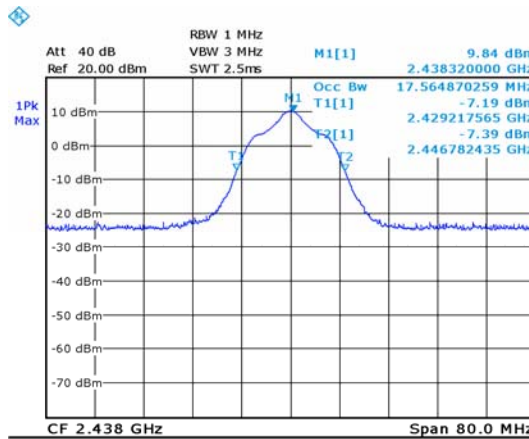
CH1 2412MHz antenna2



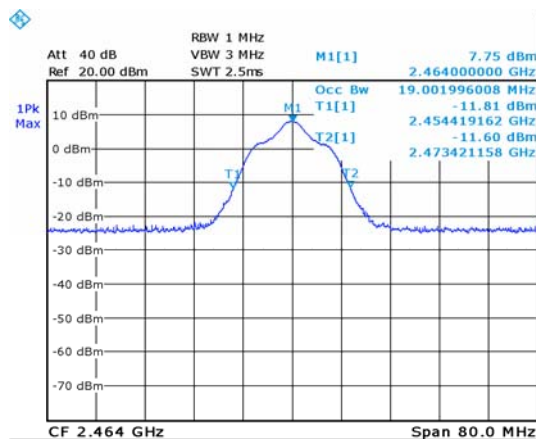
CH2 2438MHz antenna1



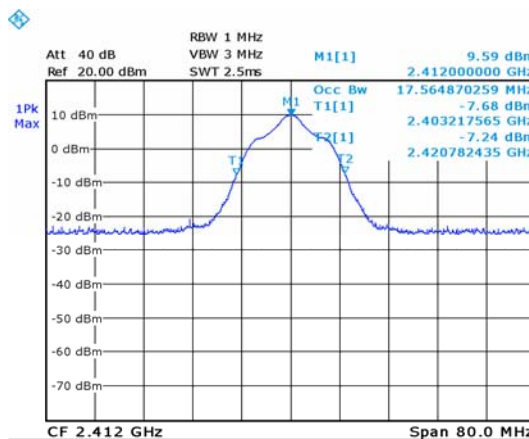
CH1 2438MHz antenna2



CH3 2464MHz antenna1



CH1 2464MHz antenna2



5.6. Power Spectral Density Test

5.6.1. Test procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Connect EUT RF output port to the spectrum analyzer through an RF attenuator.
3. Set SA Center Frequency = Operation frequency, RBW=3kHz, VBW=30kHz.
4. Set SA trace max hold, then view.

5.6.2. Test result

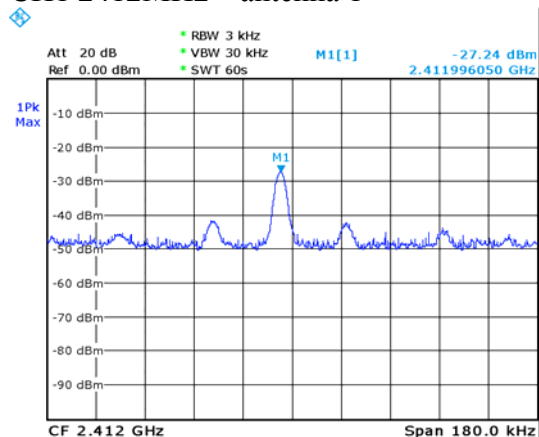
Pass

| Test Channel | Frequency MHz | Read (dBm) | Factor (dB) | Result (dBm) | Limit |
|---------------|---------------|------------|-------------|--------------|-------|
| CH1(antenna1) | 2412MHz | -27.24 | 3 | -24.24 | 8.0 |
| CH2(antenna1) | 2438MHz | -28.59 | 3 | -25.59 | 8.0 |
| CH3(antenna1) | 2464MHz | -31.42 | 3 | -28.42 | 8.0 |
| CH1(antenna2) | 2412MHz | -27.90 | 3 | -24.90 | 8.0 |
| CH2(antenna2) | 2438MHz | -28.06 | 3 | -25.06 | 8.0 |
| CH3(antenna2) | 2464MHz | -28.37 | 3 | -25.37 | 8.0 |

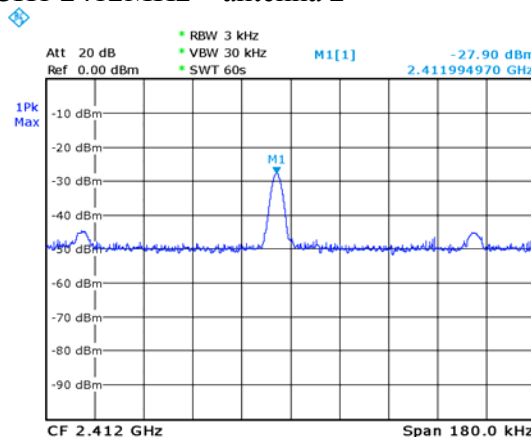
Note: Result=Read+Factor

The test plots as following:

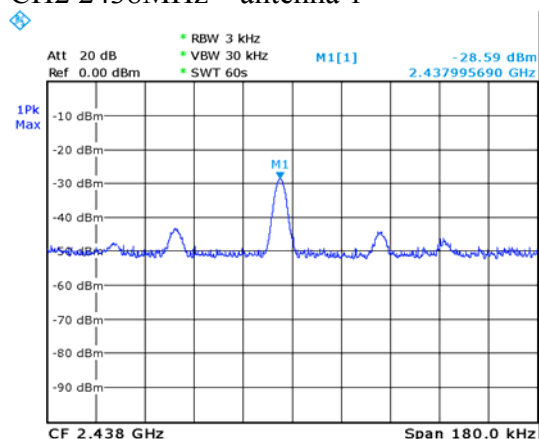
CH1 2412MHz antenna 1



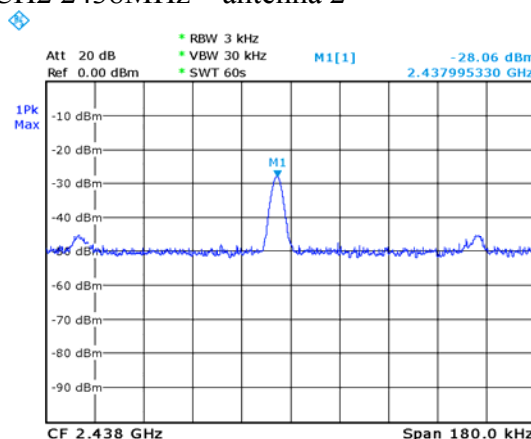
CH1 2412MHz antenna 2



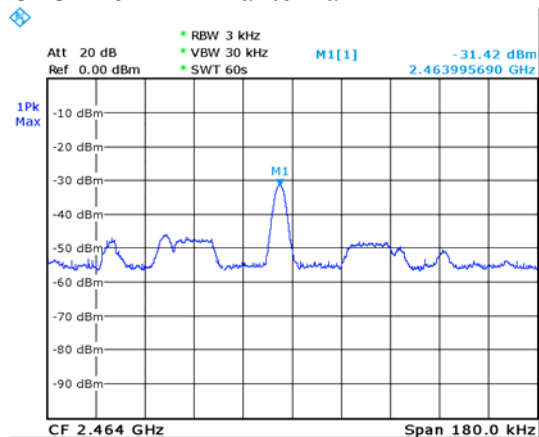
CH2 2438MHz antenna 1



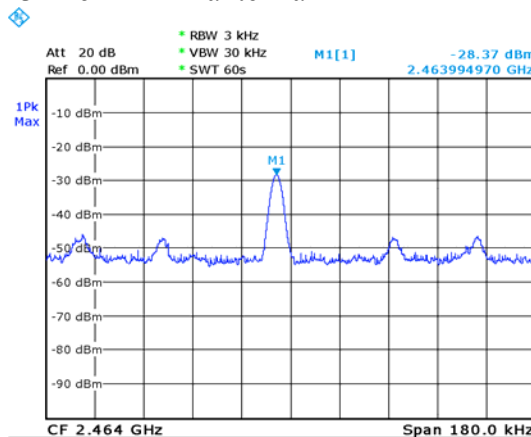
CH2 2438MHz antenna 2



CH3 2464MHz antenna 1



CH3 2464MHz antenna 2



5.7. Output Power Test

5.7.1. Test procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Connect EUT RF output port to the Power meter through an RF attenuator.

5.7.2. Test result

Pass

| Test Channel | Frequency MHz | Read (dBm) | Factor (dB) | Result (dBm) | Limit |
|---------------|---------------|------------|-------------|--------------|-------|
| CH1(antenna1) | 2412MHz | 12.42 | 3 | 15.42 | 30.0 |
| CH2(antenna1) | 2438MHz | 12.09 | 3 | 15.09 | 30.0 |
| CH3(antenna1) | 2464MHz | 12.11 | 3 | 15.11 | 30.0 |
| CH1(antenna2) | 2412MHz | 12.34 | 3 | 15.34 | 30.0 |
| CH2(antenna2) | 2438MHz | 12.13 | 3 | 15.13 | 30.0 |
| CH3(antenna2) | 2464MHz | 11.97 | 3 | 14.97 | 30.0 |

Note: Result=Read+Factor
The test plots as following:

5.8. Band Edge

5.8.1. Test limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in RSS-GEN and FCC Part 15C, whichever is the lesser attenuation.

5.8.2. Test procedure

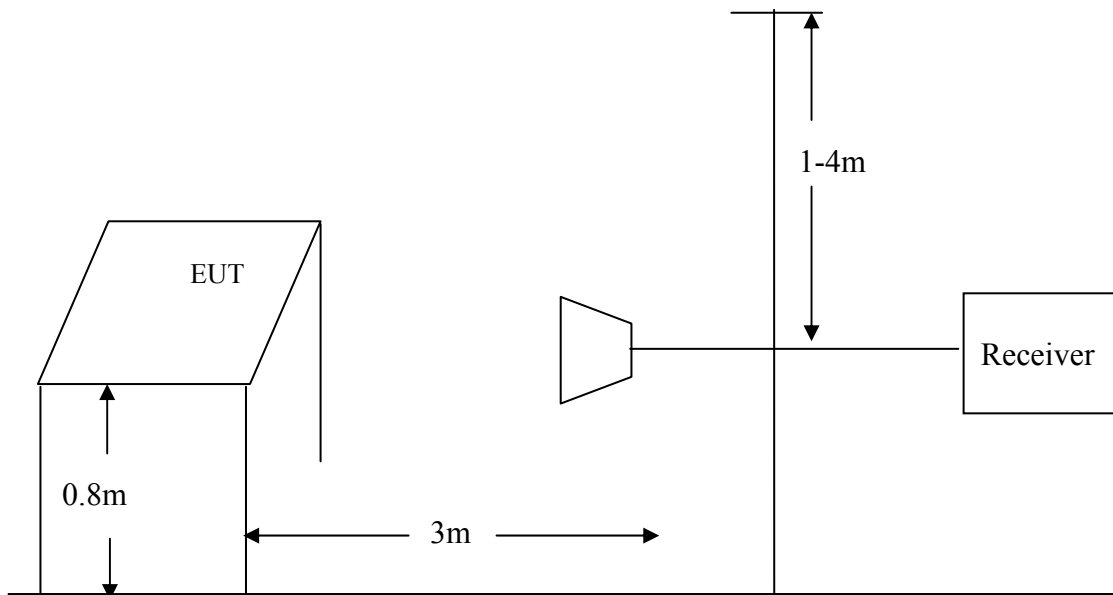
The EUT was placed on a turn table which was 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. At the frequency band of 1G Hz to 18GHz, The measuring antenna moved from 1 to 4 m for horizontal and vertical polarization. The horn antenna was used was a receiving antenna.

The resolution bandwidth and video bandwidth of the test receiver was 1MHz and 1MHz for Peak detection at frequency above 1GHz.

The resolution bandwidth was 1MHz and video bandwidth was 10Hz of the test receiver for Average detection at frequency above 1GHz.

The EUT was tested in Chamber Site.

5.8.3. Test Setup Diagram



5.8.4. Test result

PASS.

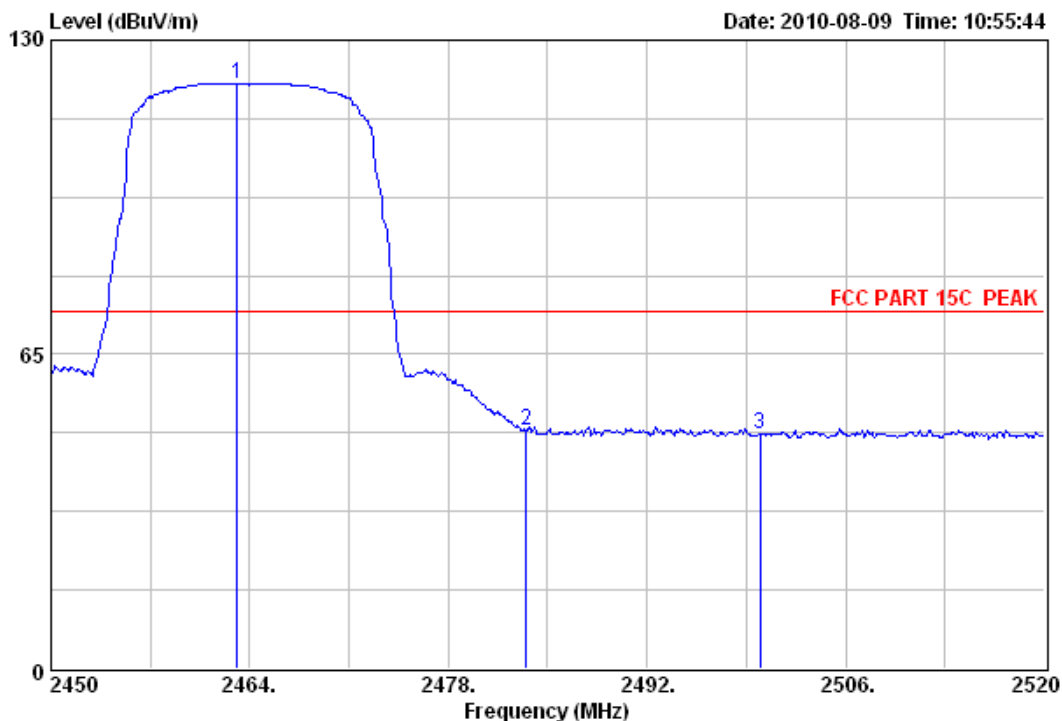
The test plots as following:

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Data: 597 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:55:44



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2463.09 | 121.13 | 74.00 | -47.13 | 87.34 | 31.56 | 2.23 | Peak |
| 2 2483.50 | 49.25 | 74.00 | 24.75 | 15.44 | 31.58 | 2.23 | Peak |
| 3 2500.00 | 48.52 | 74.00 | 25.48 | 14.69 | 31.60 | 2.23 | Peak |



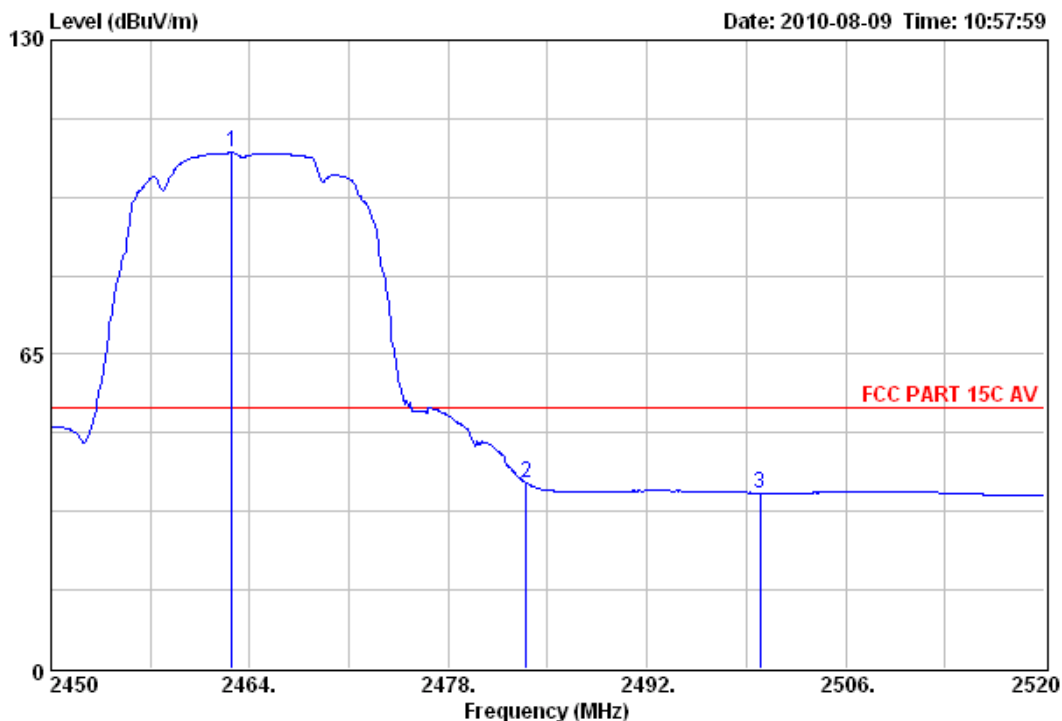
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Data: 598

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:57:59



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| Emission | | | | | Ant. Cable | | Remark | |
|----------|----------|----------|--------|---------|------------|-------|--------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | | |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | | |
| 1 | 2462.74 | 106.70 | 54.00 | -52.70 | 72.91 | 31.56 | 2.23 | Average |
| 2 | 2483.50 | 38.32 | 54.00 | 15.68 | 4.51 | 31.58 | 2.23 | Average |
| 3 | 2500.00 | 36.36 | 54.00 | 17.64 | 2.53 | 31.60 | 2.23 | Average |



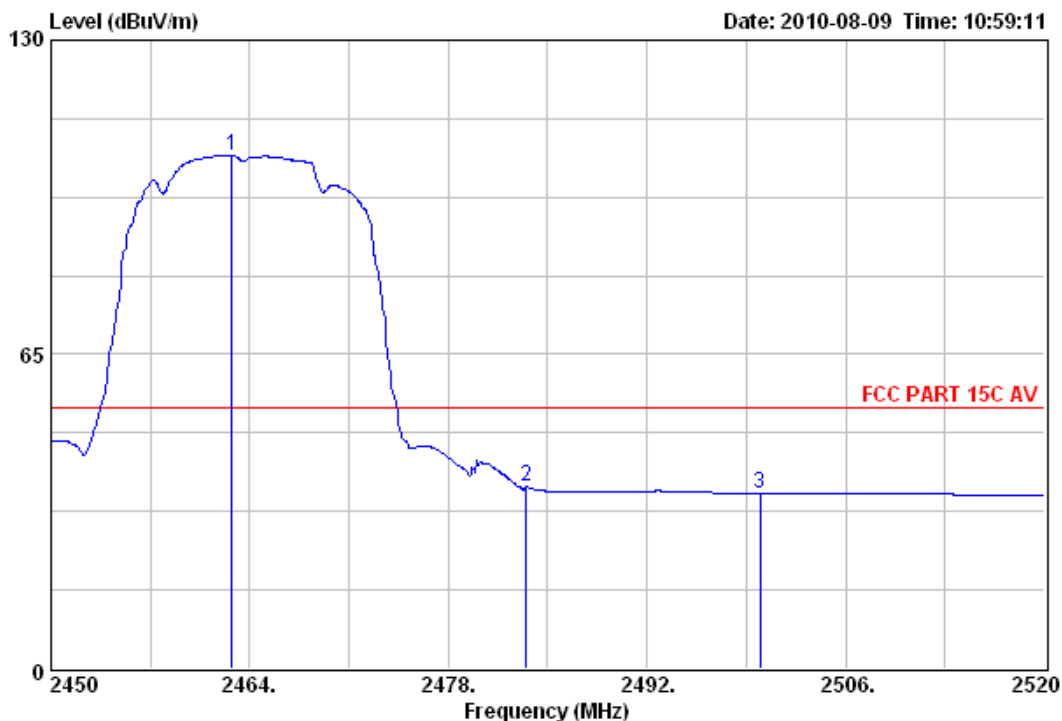
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Data: 599

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 10:59:11



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| Freq. (MHz) | Emission | | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Ant. Cable | | Remark |
|----------------|-------------------|--|--------------------|----------------|-------------------|------------------|--------------|---------|
| | Level (dBuV/m) | | | | | Factor (dB/m) | Loss (dB) | |
| 1 2462.74 | 106.21 | | 54.00 | -52.21 | 72.42 | 31.56 | 2.23 | Average |
| 2 2483.50 | 37.62 | | 54.00 | 16.38 | 3.81 | 31.58 | 2.23 | Average |
| 3 2500.00 | 36.21 | | 54.00 | 17.79 | 2.38 | 31.60 | 2.23 | Average |

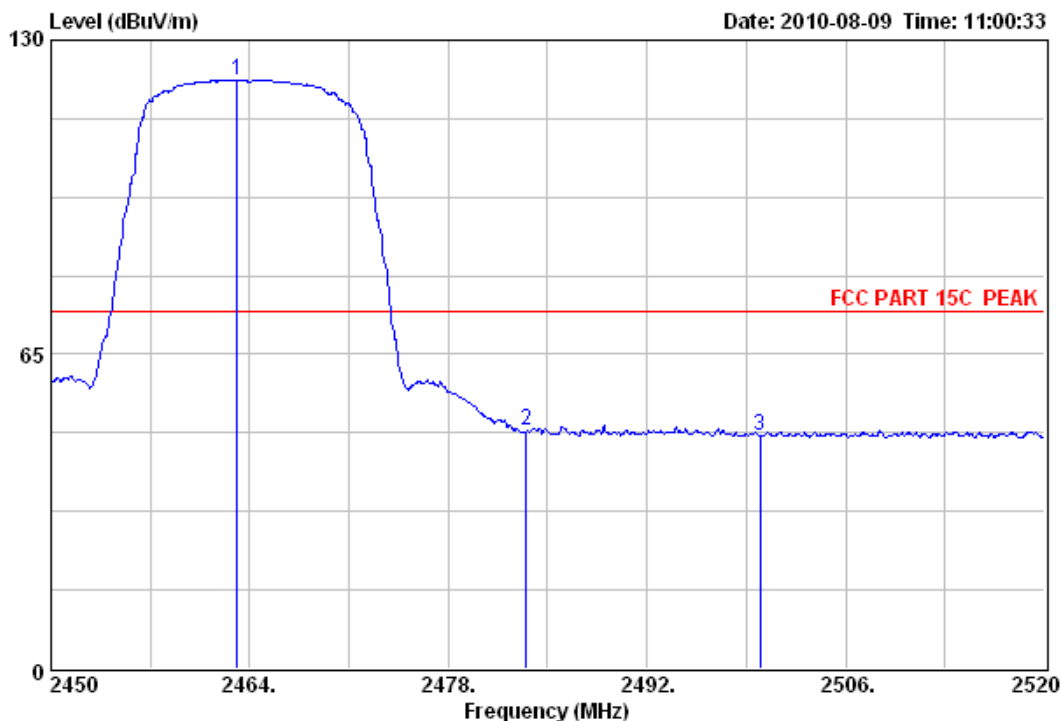


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Data: 600 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:00:33



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH3
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2463.09 | 121.76 | 74.00 | -47.76 | 87.97 | 31.56 | 2.23 | Peak |
| 2 2483.50 | 49.17 | 74.00 | 24.83 | 15.36 | 31.58 | 2.23 | Peak |
| 3 2500.00 | 48.16 | 74.00 | 25.84 | 14.33 | 31.60 | 2.23 | Peak |

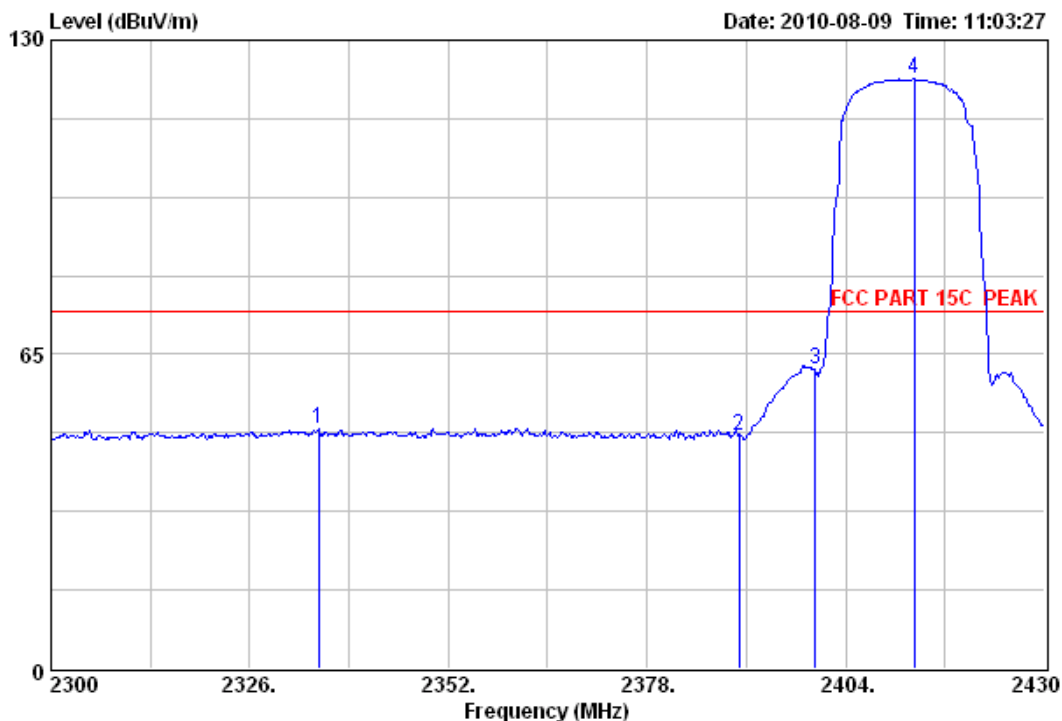
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Data: 601

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:03:27



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

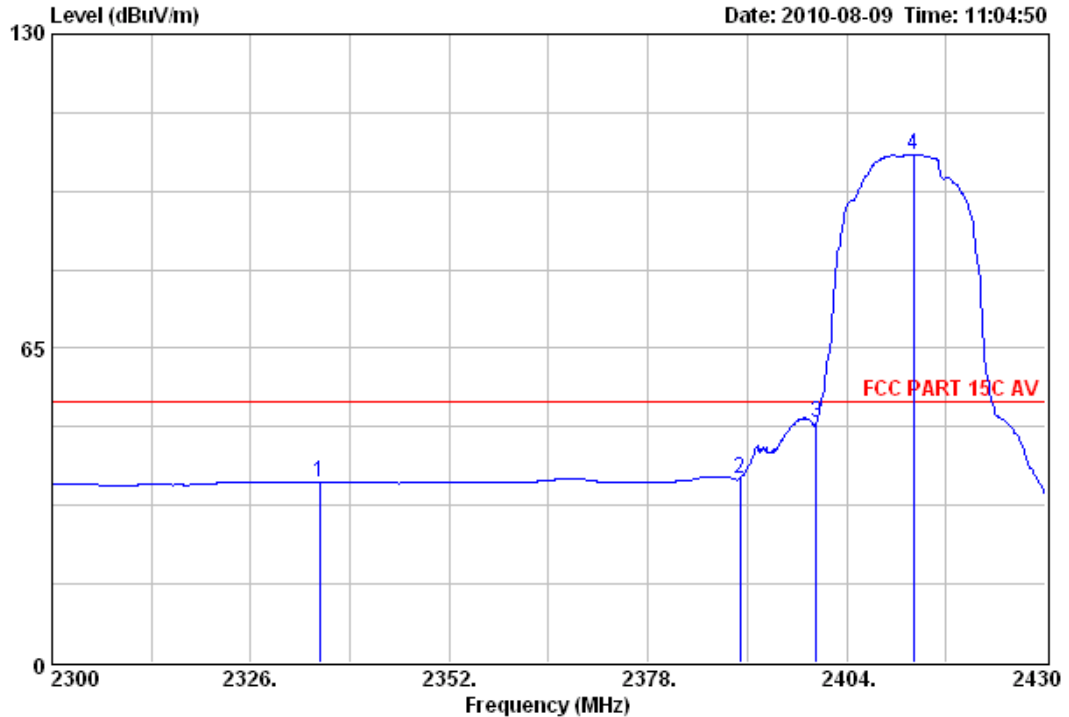
| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2334.97 | 49.55 | 74.00 | 24.45 | 15.90 | 31.43 | 2.22 | Peak |
| 2 2390.00 | 47.98 | 74.00 | 26.02 | 14.28 | 31.48 | 2.22 | Peak |
| 3 2400.00 | 61.77 | 74.00 | 12.23 | 28.04 | 31.50 | 2.23 | Peak |
| 4 2412.97 | 121.86 | 74.00 | -47.86 | 88.13 | 31.50 | 2.23 | Peak |

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Data: 602 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:04:50



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

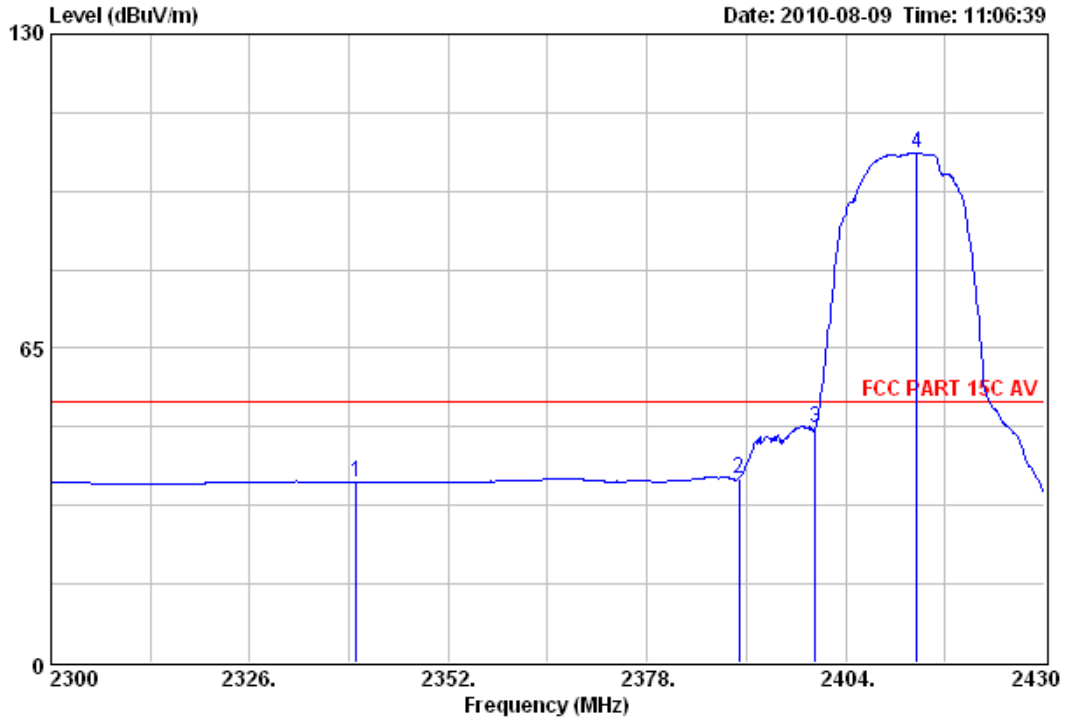
| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2334.97 | 37.30 | 54.00 | 16.70 | 3.65 | 31.43 | 2.22 | Average |
| 2 2390.00 | 37.89 | 54.00 | 16.11 | 4.19 | 31.48 | 2.22 | Average |
| 3 2400.00 | 49.59 | 54.00 | 4.41 | 15.86 | 31.50 | 2.23 | Average |
| 4 2412.71 | 105.10 | 54.00 | -51.10 | 71.37 | 31.50 | 2.23 | Average |

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Data: 603 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:06:39



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

| | Emission | | | | Ant. Cable | | |
|-----------|----------|----------|--------|---------|------------|------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2339.91 | 37.32 | 54.00 | 16.68 | 3.65 | 31.45 | 2.22 | Average |
| 2 2390.00 | 37.98 | 54.00 | 16.02 | 4.28 | 31.48 | 2.22 | Average |
| 3 2400.00 | 48.50 | 54.00 | 5.50 | 14.77 | 31.50 | 2.23 | Average |
| 4 2413.36 | 105.31 | 54.00 | -51.31 | 71.58 | 31.50 | 2.23 | Average |



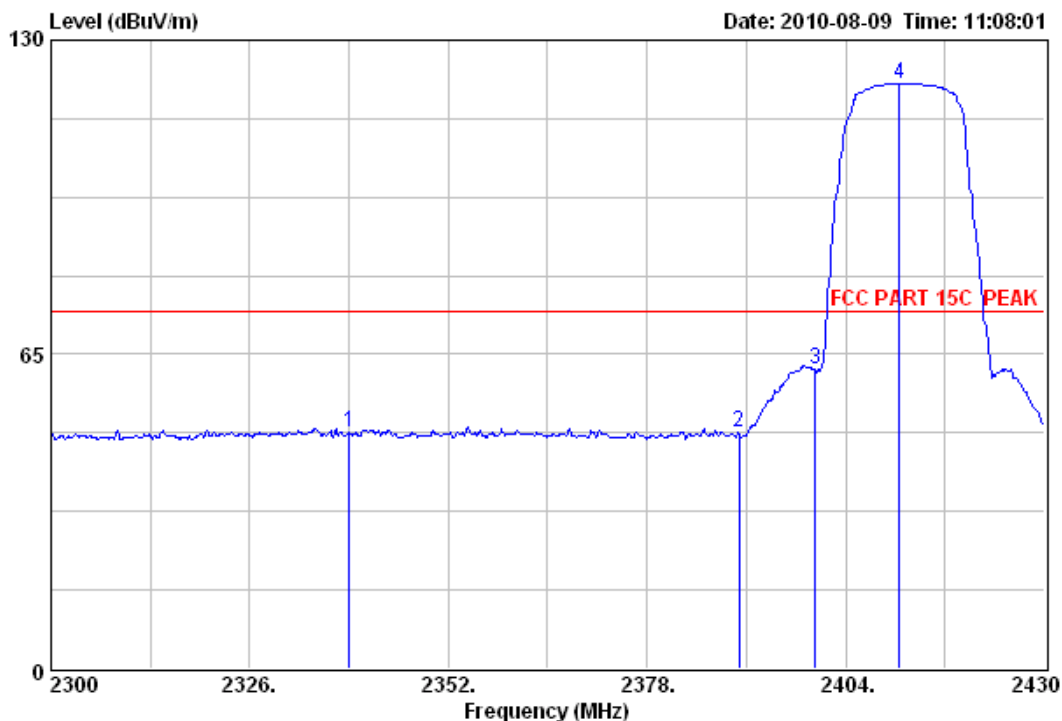
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Data: 605

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:08:01



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT1 CH1
Playing with rock music

| | Emission | | | | Ant. Cable | | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 2339.00 | 48.78 | 74.00 | 25.22 | 15.13 | 31.43 | 2.22 | Peak |
| 2 | 2390.00 | 48.92 | 74.00 | 25.08 | 15.22 | 31.48 | 2.22 | Peak |
| 3 | 2400.00 | 61.96 | 74.00 | 12.04 | 28.23 | 31.50 | 2.23 | Peak |
| 4 | 2411.02 | 120.98 | 74.00 | -46.98 | 87.25 | 31.50 | 2.23 | Peak |



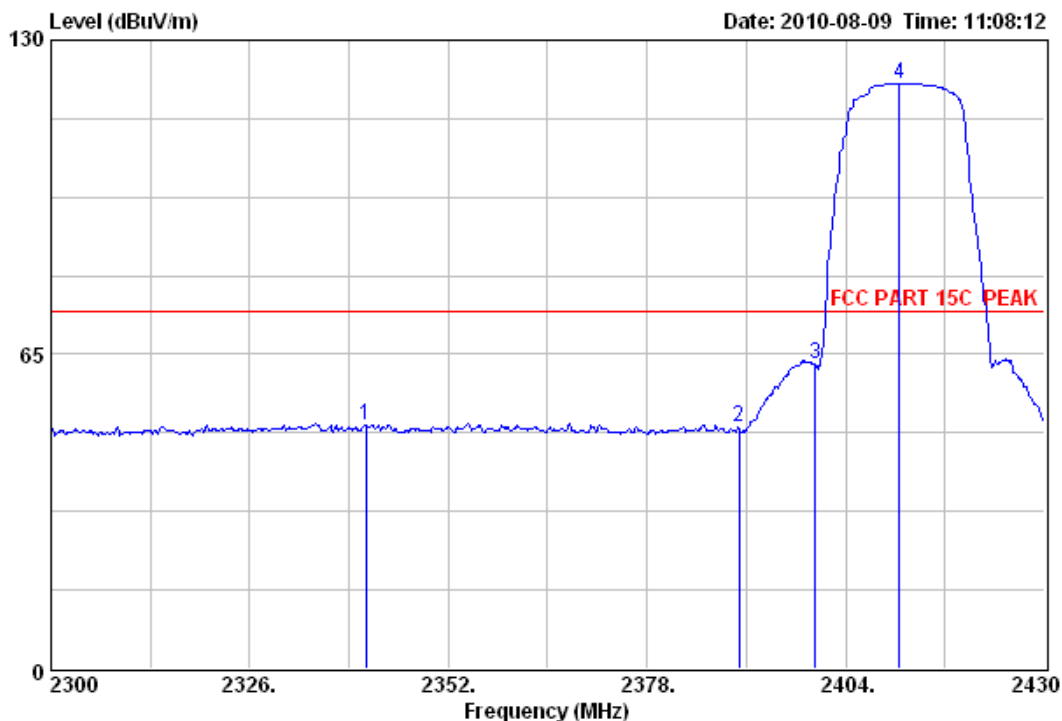
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Data: 606

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:08:12



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2341.21 | 50.42 | 74.00 | 23.58 | 16.75 | 31.45 | 2.22 | Peak |
| 2 2390.00 | 49.92 | 74.00 | 24.08 | 16.22 | 31.48 | 2.22 | Peak |
| 3 2400.00 | 62.96 | 74.00 | 11.04 | 29.23 | 31.50 | 2.23 | Peak |
| 4 2411.02 | 120.98 | 74.00 | -46.98 | 87.25 | 31.50 | 2.23 | Peak |

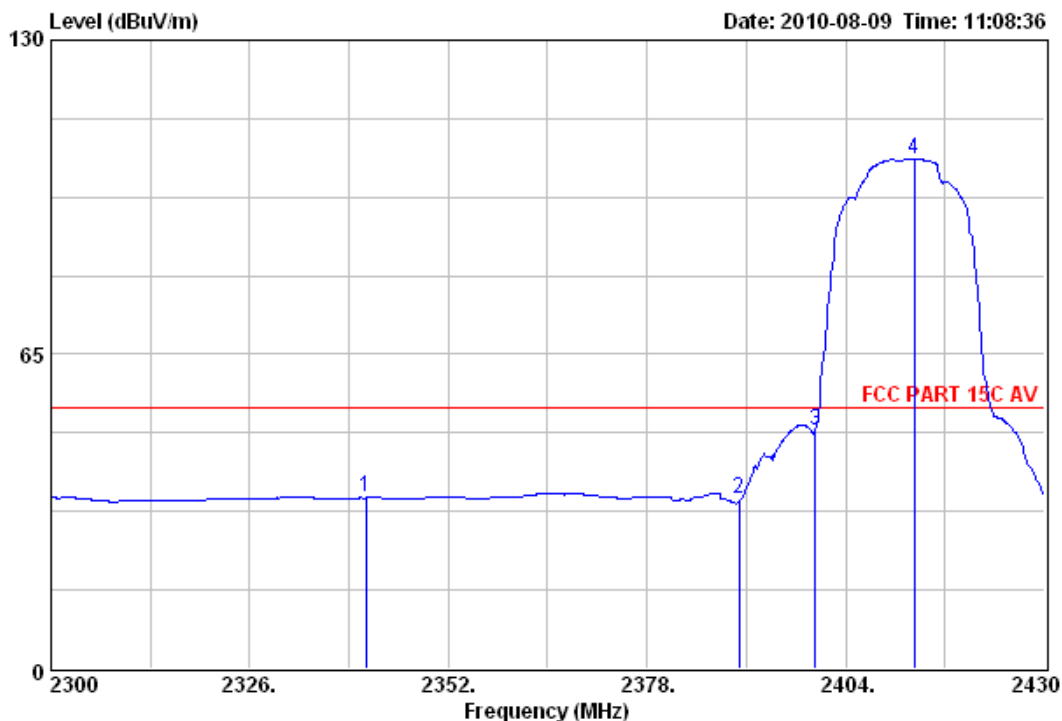
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Data: 607

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:08:36



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2341.21 | 35.31 | 54.00 | 18.69 | 1.64 | 31.45 | 2.22 | Average |
| 2 2390.00 | 35.29 | 54.00 | 18.71 | 1.59 | 31.48 | 2.22 | Average |
| 3 2400.00 | 49.29 | 54.00 | 4.71 | 15.56 | 31.50 | 2.23 | Average |
| 4 2412.97 | 105.40 | 54.00 | -51.40 | 71.67 | 31.50 | 2.23 | Average |



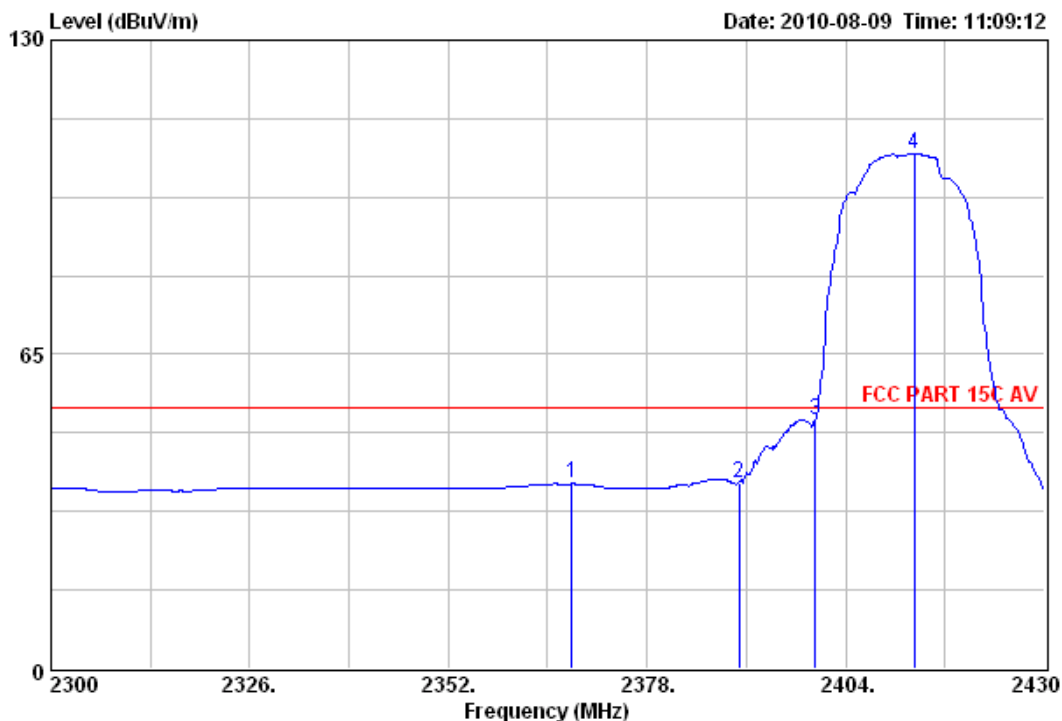
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Data: 608

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:09:12



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| | Emission | | | | Ant. Cable | | |
|-----------|----------|----------|--------|---------|------------|------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2368.12 | 38.22 | 54.00 | 15.78 | 4.53 | 31.47 | 2.22 | Average |
| 2 2390.00 | 38.29 | 54.00 | 15.71 | 4.59 | 31.48 | 2.22 | Average |
| 3 2400.00 | 51.29 | 54.00 | 2.71 | 17.56 | 31.50 | 2.23 | Average |
| 4 2412.97 | 106.40 | 54.00 | -52.40 | 72.67 | 31.50 | 2.23 | Average |

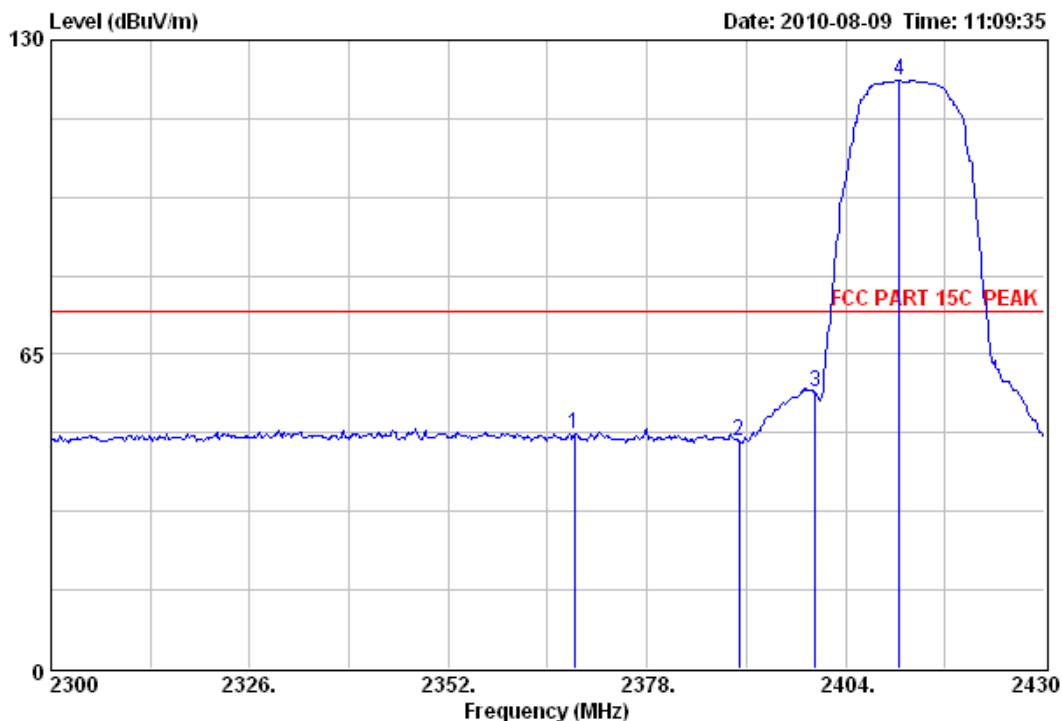
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Data: 609

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:09:35



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH1
Playing with rock music

| | Emission | | | | Ant. Cable | | | |
|---|----------------|-------------------|--------------------|----------------|-------------------|------------------|--------------|--------|
| | Freq. (MHz) | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Reading (dBuV) | Factor (dB/m) | Loss (dB) | Remark |
| 1 | 2368.51 | 48.54 | 74.00 | 25.46 | 14.85 | 31.47 | 2.22 | Peak |
| 2 | 2390.00 | 47.12 | 74.00 | 26.88 | 13.42 | 31.48 | 2.22 | Peak |
| 3 | 2400.00 | 57.07 | 74.00 | 16.93 | 23.34 | 31.50 | 2.23 | Peak |
| 4 | 2411.02 | 121.58 | 74.00 | -47.58 | 87.85 | 31.50 | 2.23 | Peak |

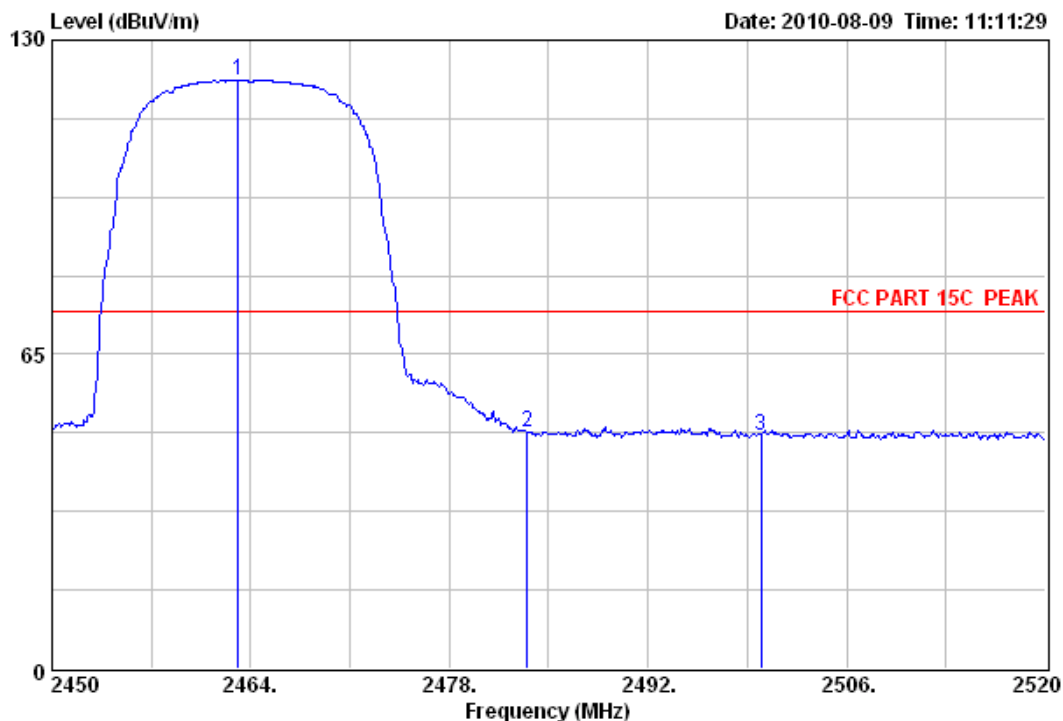


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Data: 610 File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:11:29



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2463.09 | 121.73 | 74.00 | -47.73 | 87.94 | 31.56 | 2.23 | Peak |
| 2 2483.50 | 48.93 | 74.00 | 25.07 | 15.12 | 31.58 | 2.23 | Peak |
| 3 2500.00 | 48.23 | 74.00 | 25.77 | 14.40 | 31.60 | 2.23 | Peak |



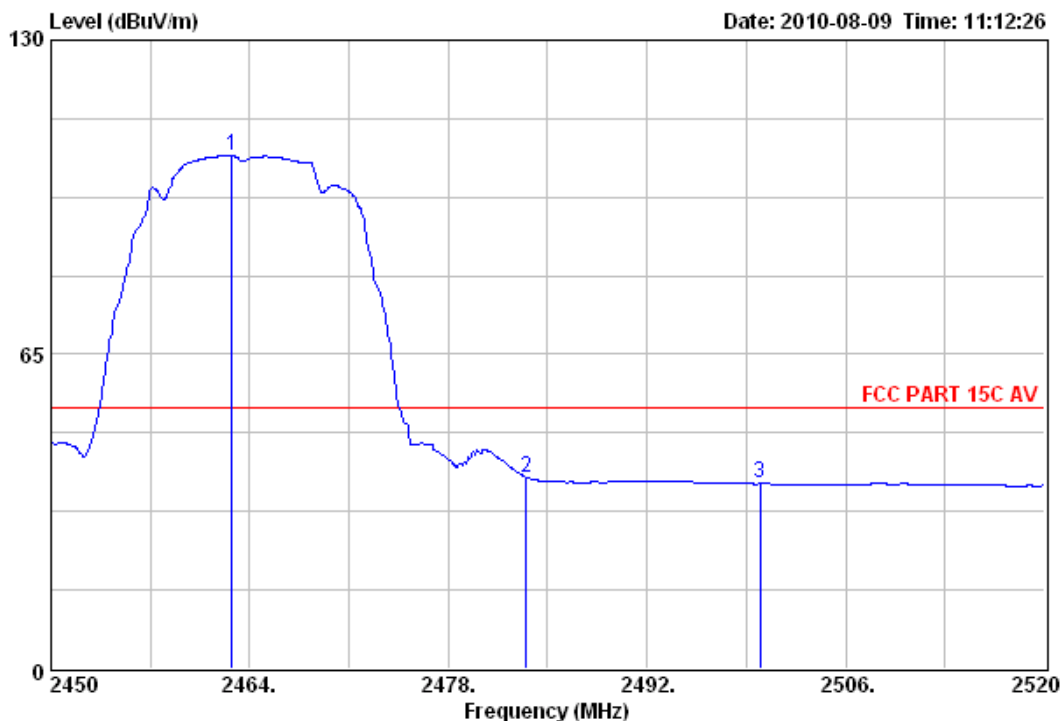
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Data: 611

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:12:26



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| Emission | | | | | Ant. Cable | | Remark | |
|----------|----------|----------|--------|---------|------------|-------|--------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | | |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | | |
| 1 | 2462.74 | 106.14 | 54.00 | -52.14 | 72.35 | 31.56 | 2.23 | Average |
| 2 | 2483.50 | 39.52 | 54.00 | 14.48 | 5.71 | 31.58 | 2.23 | Average |
| 3 | 2500.00 | 38.22 | 54.00 | 15.78 | 4.39 | 31.60 | 2.23 | Average |



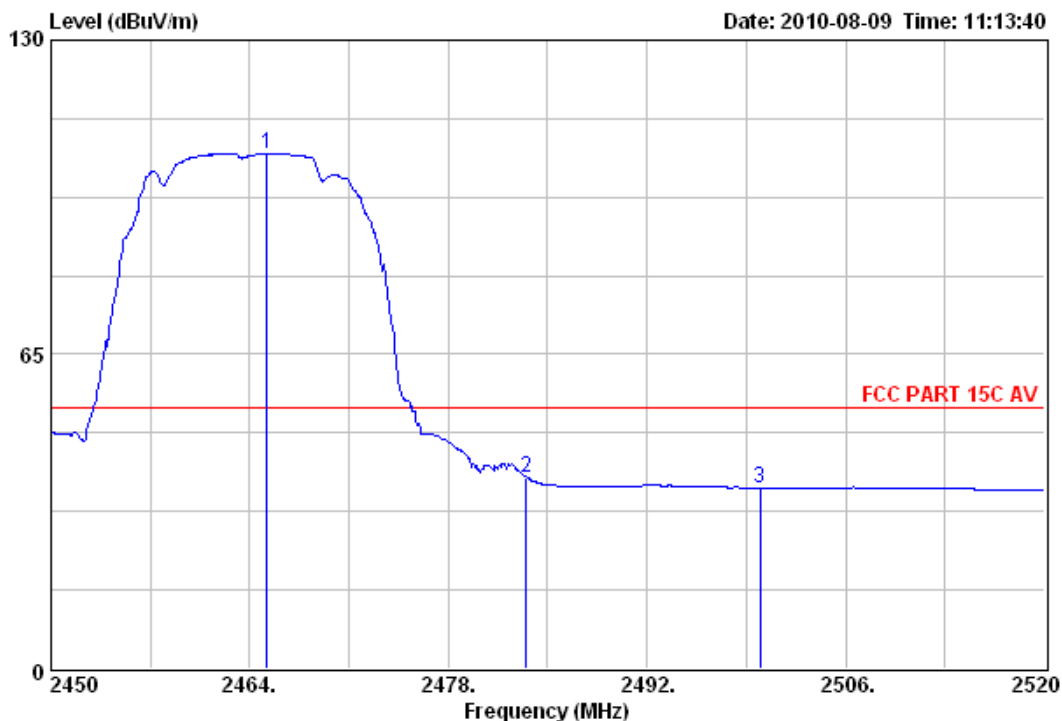
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Data: 612

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:13:40



Test Site : 10m Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| Emission | | | | | Ant. Cable | | Remark |
|-----------|----------|----------|--------|---------|------------|------|---------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | |
| (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (dBuV) | (dB/m) | (dB) | |
| 1 2465.19 | 106.53 | 54.00 | -52.53 | 72.74 | 31.56 | 2.23 | Average |
| 2 2483.50 | 39.50 | 54.00 | 14.50 | 5.69 | 31.58 | 2.23 | Average |
| 3 2500.00 | 37.39 | 54.00 | 16.61 | 3.56 | 31.60 | 2.23 | Average |

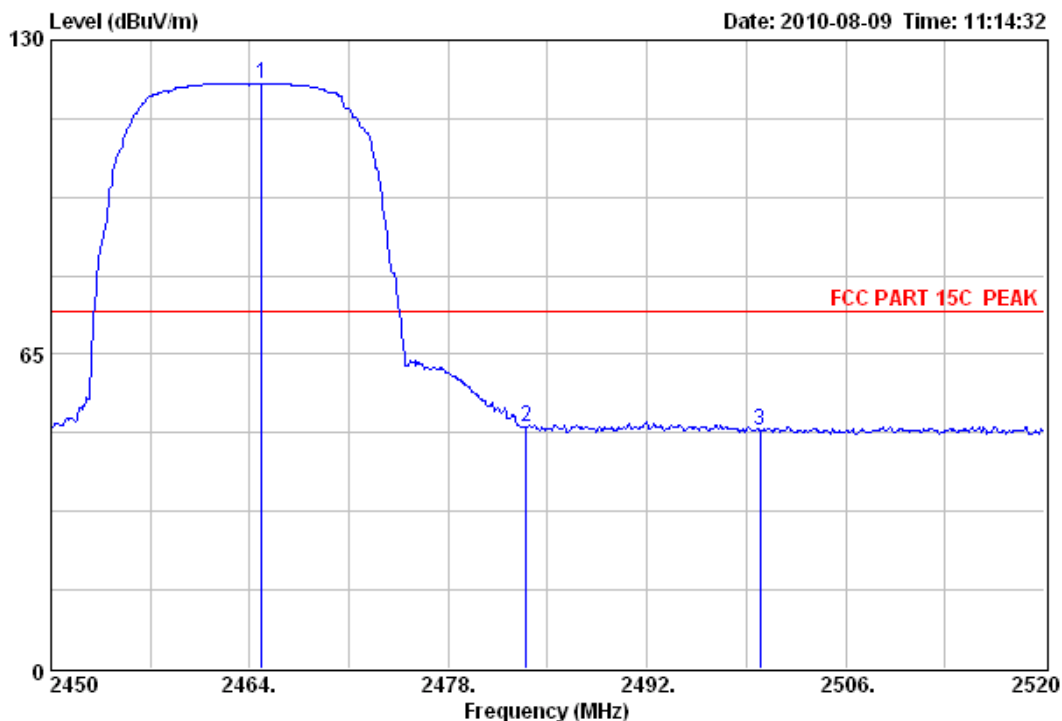
NS Technology

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Tel: +86-769-85935656
Fax: +86-769-85991080

Data: 613

File: D:\Radiation data\K\Kadence.EMI (641)

Date: 2010-08-09 Time: 11:14:32



Test Site : 10m Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp:25.2'C Humi:56% Press:101.52kPa
Test Mode : TX Mode ANT2 CH3
Playing with rock music

| | Emission | | | | Ant. | Cable | |
|-----------|----------|----------|--------|---------|--------|-------|--------|
| Freq. | Level | Limits | Margin | Reading | Factor | Loss | Remark |
| (MHz) | (dBUV/m) | (dBUV/m) | (dB) | (dBUV) | (dB/m) | (dB) | |
| 1 2464.84 | 121.10 | 74.00 | -47.10 | 87.31 | 31.56 | 2.23 | Peak |
| 2 2483.50 | 49.90 | 74.00 | 24.10 | 16.09 | 31.58 | 2.23 | Peak |
| 3 2500.00 | 49.11 | 74.00 | 24.89 | 15.28 | 31.60 | 2.23 | Peak |



5.9. ANTENNA REQUIREMENT

5.9.1. STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

5.9.2. ANTENNA CONNECTED CONSTRUCTION

The antenna used for this product is PCB antenna (see EUT photo) that no antenna other than that furnished by the responsible party shall be used with the device, The maximum peak gain of this antenna is only 1.1dBi.