



**FCC CFR47 PART 15 SUBPART C
CLASS II PERMISSIVE CHANGE
TEST REPORT**

FOR

FREQUENCY HOPPING WIRELESS CONTROLLER

MODEL NUMBER: XBOX 360 WIRELESS CONTROLLER

FCC ID: C3K-WKS368

REPORT NUMBER: 06U10261-1B

ISSUE DATE: May 11, 2006

Prepared for
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NVLAP[®]
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Revision History

Rev.	Issue Date	Revisions	Revised By
--	5/4/6	Initial Issue	A. Ilarina
B	5/11/6	Update administrative information and clarify Change Description	A. Ilarina

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WA 98052-6399

EUT DESCRIPTION: FREQUENCY HOPPING WIRELESS CONTROLLER

MODEL: XBOX 360 WIRELESS CONTROLLER

SERIAL NUMBER: CS01726/02880344616545; 02880355766545

DATE TESTED: APRIL 25 – APRIL 27, 2006

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART C	NO NON-COMPLIANCE NOTED

Compliance Certification Services, Inc. tested the above equipment in accordance with most of the requirements set forth in the above standards. Testing the average time of occupancy is not feasible, therefore the demonstration of compliance with this requirement is based on the theory of operation as documented in this report. The test results show that the equipment tested is capable of demonstrating compliance with the remaining requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Compliance Certification Services and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Compliance Certification Services will constitute fraud and shall nullify the document. No part of this report may be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any government agency.

Approved & Released For CCS By:

Tested By:



ALVIN ILARINA
EMC SUPERVISOR
COMPLIANCE CERTIFICATION SERVICES



THANH NGUYEN
EMC ENGINEER
COMPLIANCE CERTIFICATION SERVICES

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2003, FCC CFR 47 Part 2 and FCC CFR 47 Part 15.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 561F Monterey Road, Morgan Hill, California, USA. The sites are constructed in conformance with the requirements of ANSI C63.4, ANSI C63.7 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://www.ccsemc.com>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Radiated Emission, 30 to 200 MHz	+/- 3.3 dB
Radiated Emission, 200 to 1000 MHz	+4.5 / -2.9 dB
Radiated Emission, 1000 to 2000 MHz	+4.5 / -2.9 dB
Power Line Conducted Emission	+/- 2.9 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a frequency hopping transceiver wireless controller. This wireless controller utilizes a proprietary communication protocol to communicate with the RF module installed in the Xbox 360 console. Without the RF module present, the wireless controller is in the receive mode only.

During the final tests, a specially designed test accessory (Level Converter) was used to control the frequency channel and enable continuous transmission.

The proprietary communication protocol is detailed in the theory of operation.

5.2. DESCRIPTION OF CLASS II CHANGE

The changes filed under this application include:

Change#1 Removal of RF Shielding from IC6

5.3. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak conducted output power as follows:

2400 to 2483.5 MHz Authorized Band

Frequency Range (MHz)	Output Power (dBm)	Output Power (mW)
2402 - 2482	3.06	2.02

5.4. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an inverted-F antenna, which is soldered to the printed circuit board. This antenna has approx. gain of 3.6 dBi.

5.5. SOFTWARE AND FIRMWARE

The firmware installed in the EUT during testing was FW 1.05.

The EUT driver software installed in the host support equipment during testing was Argon-Xbox360 Wireless module.

5.6. WORST-CASE CONFIGURATION AND MODE

The worst-case channel is determined as the channel with the highest output power. The highest measured output power was at 2442 MHz.

5.7. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Monitor	SAMSUNG	TX-P1430	A00134AYB01475Z	N/A
Console	MICROSOFT	XBOX 360	508480354705	DoC
Controller	MICROSOFT	X803238-007	4060060247536	DoC
AC Adapter	MICROSOFT	Delta DPSN-186CB A rev 00	99021317893536	N/A

I/O CABLES (CONFIGURATION 1)

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	DC	1	DC	Unshielded	1.2m	
2	AC	1	AC	Unshielded	1.2m	
3	USB	1	USB	Unshielded	1m	Wire
4	RTX interface	1	8 pin	Unshielded	.5m	Wire
5	DC	1	DC	Unshielded	.5m	Wire
6	AC	1	AC	Unshielded	1.2m	

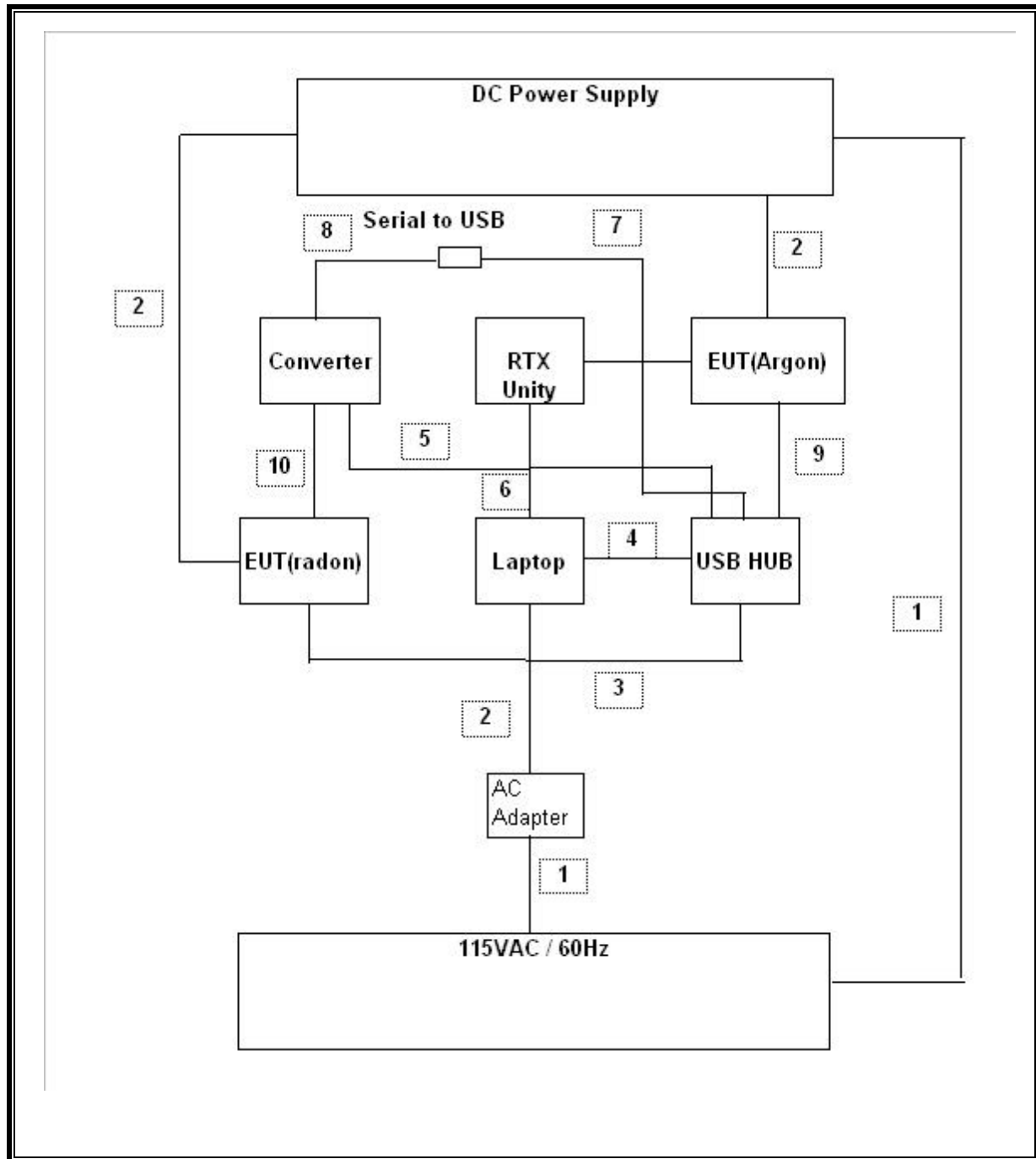
I/O CABLES (CONFIGURATION 2)

TEST I / O CABLES								
Cable No	I/O Port	# of I/O Port	Connector Type	Type of Cable	Cable Length	Data Traffic	Bundled	Remark
1	AC	2	US 115V	Un-shielded	2m	No	No	N/A
2	DC	3	DC	26G	1m	No	No	N/A
3	USB	1	USB	26G	.5m	Yes	No	N/A
4	USB	1	USB	Shielded	1m	Yes	No	N/A
5	USB	1	USB	Shielded	1.5m	Yes	Yes	N/A
6	USB	1	USB	Shielded	1.5m	Yes	No	N/A
7	Serial	1	DB9	26G	.5m	Yes	No	N/A
8	USB	1	USB	Shielded	.5m	Yes	No	N/A
9	USB	1	USB	Shielded	.5m	Yes	Yes	N/A
10	Serial	1	DB9	Shielded	.5m	Yes	No	UART

TEST SETUP

The EUT is initially connected to the RTX unit, was tested in a standalone configuration once setup for testing with Software controlled.

SETUP DIAGRAM FOR TESTS, CONFIGURATION 1



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	Cal Due
Spectrum Analyzer 3 Hz ~ 44 GHz	Agilent / HP	E4446A	US42510266	10/19/06
EMI Receiver, 9 kHz ~ 2.9 GHz	Agilent / HP	8542E	3942A00286	2/4/07
RF Filter Section	Agilent / HP	85420E	3705A00256	2/4/07
Antenna, Bilog 30 MHz ~ 2 Ghz	Sunol Sciences	JB1	A121003	9/3/06
LISN, 10 kHz ~ 30 MHz	FCC	LISN-50/250-25-2	2023	8/30/06
LISN, 10 kHz ~ 30 MHz	Solar	8012-50-R-24-BNC	8379443	8/30/06
EMI Test Receiver	R & S	ESHS 20	827129/006	6/3/06
Peak Power Meter	Agilent / HP	E4416A	GB41291160	12/2/07
Peak / Average Power Sensor	Agilent	E9327A	US40440755	12/2/07
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	6717	4/22/07
Preamplifier, 1 ~ 26 GHz	Agilent / HP	8449B	3008A00931	6/24/06

7. LIMITS AND RESULTS

7.1. ANTENNA PORT CHANNEL TESTS

7.1.1. PEAK OUTPUT POWER

PEAK POWER LIMIT

§15.247 (b) The maximum peak output power of the intentional radiator shall not exceed the following:

§15.247 (b) (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 hopping channels: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

§15.247 (b) (4) Except as shown in paragraphs (b)(3) (i), (ii) and (iii) of this section, if transmitting antennas of directional gain greater than 6 dBi are used the peak output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1) or (b)(2) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The maximum antenna gain is approx. 3.6 dBi, therefore the limit is 20.97 dBm.

TEST PROCEDURE

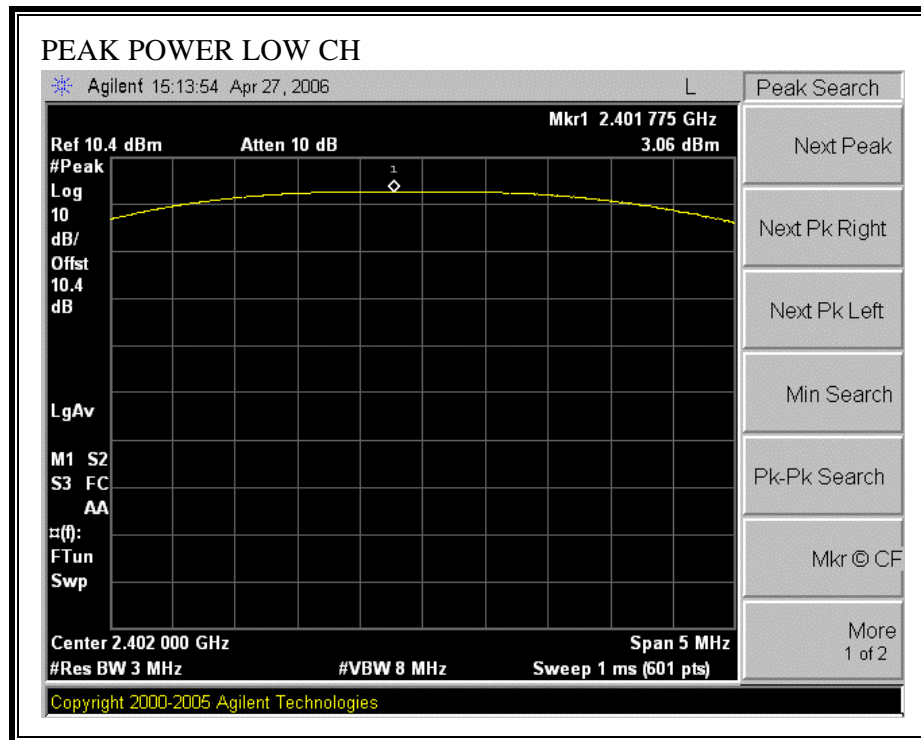
The transmitter output is connected to a spectrum analyzer and the analyzer bandwidth is set to a value greater than the 20 dB bandwidth of the EUT.

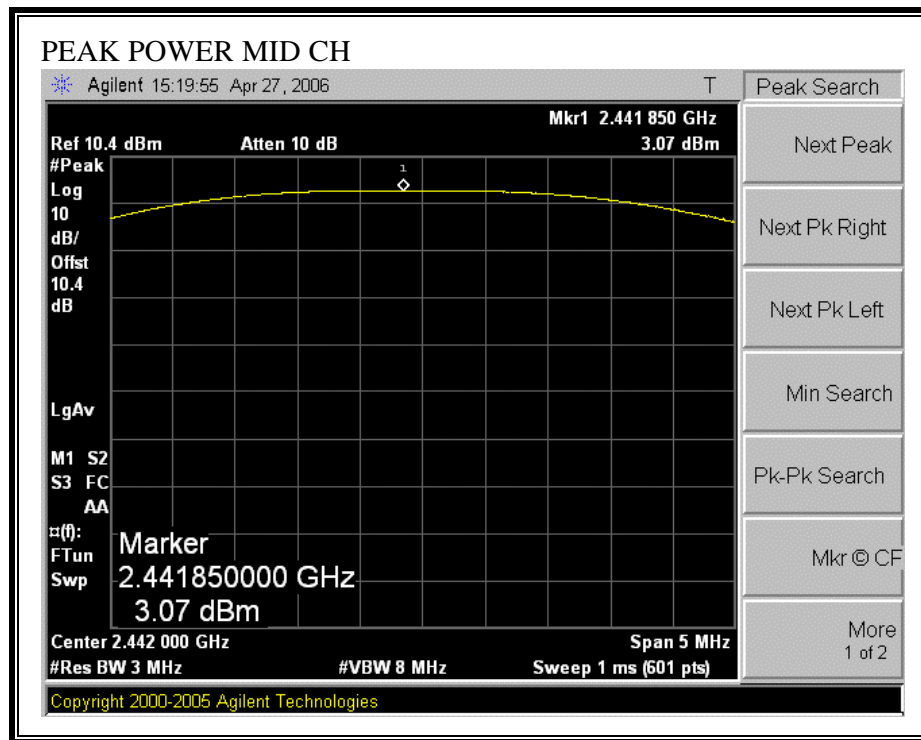
RESULTS

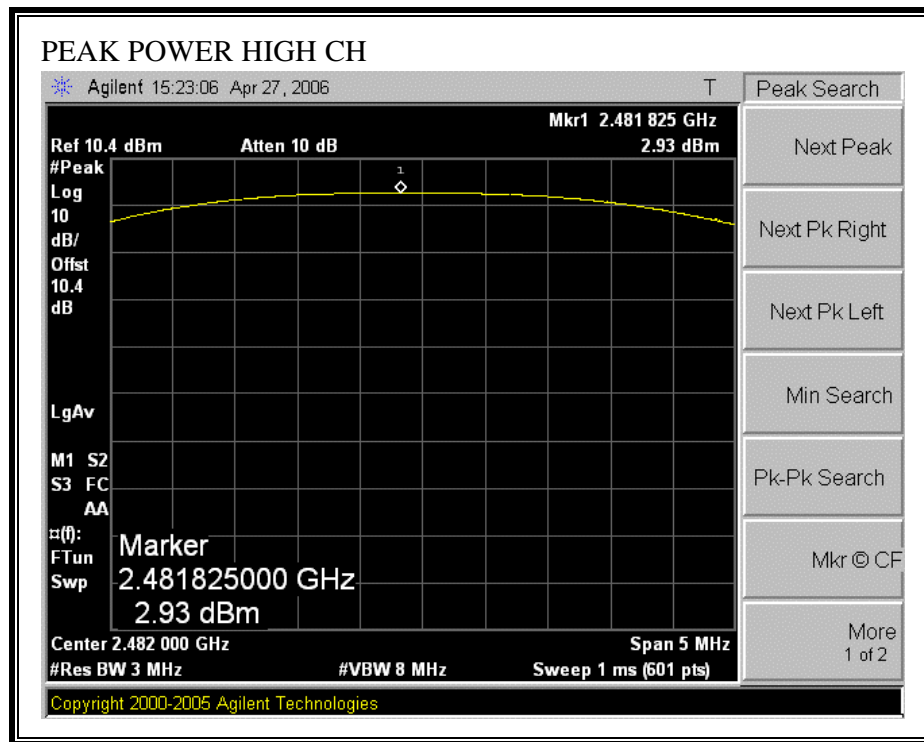
No non-compliance noted:

Channel	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Margin (dB)
Low	2402	3.06	20.97	-17.91
Middle	2442	3.07	20.97	-17.90
High	2482	2.93	20.97	-18.04

OUTPUT POWER







7.1.2. AVERAGE POWER

AVERAGE POWER LIMIT

None; for reporting purposes only.

TEST PROCEDURE

The transmitter output is connected to a power meter.

RESULTS

No non-compliance noted:

The cable assembly insertion loss of 11 dB (including 10 dB pad and 1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

Channel	Frequency (MHz)	Average Power (dBm)
Low	2402	-7.45
Middle	2442	-7.52
High	2482	-7.6

7.1.3. CONDUCTED SPURIOUS EMISSIONS

LIMITS

§15.247 (c) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

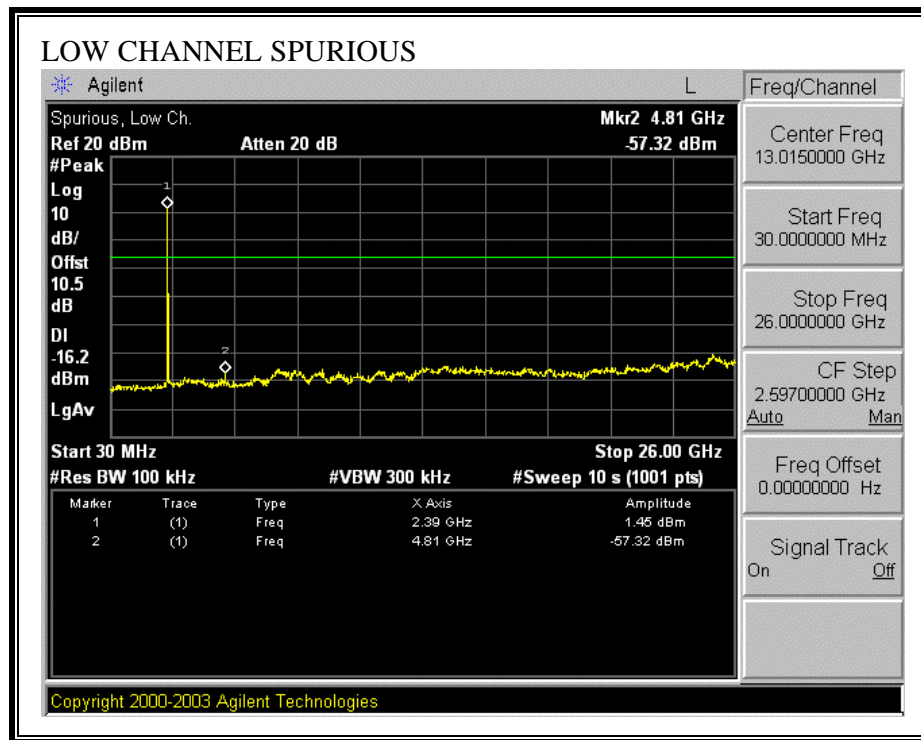
TEST PROCEDURE

The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz.

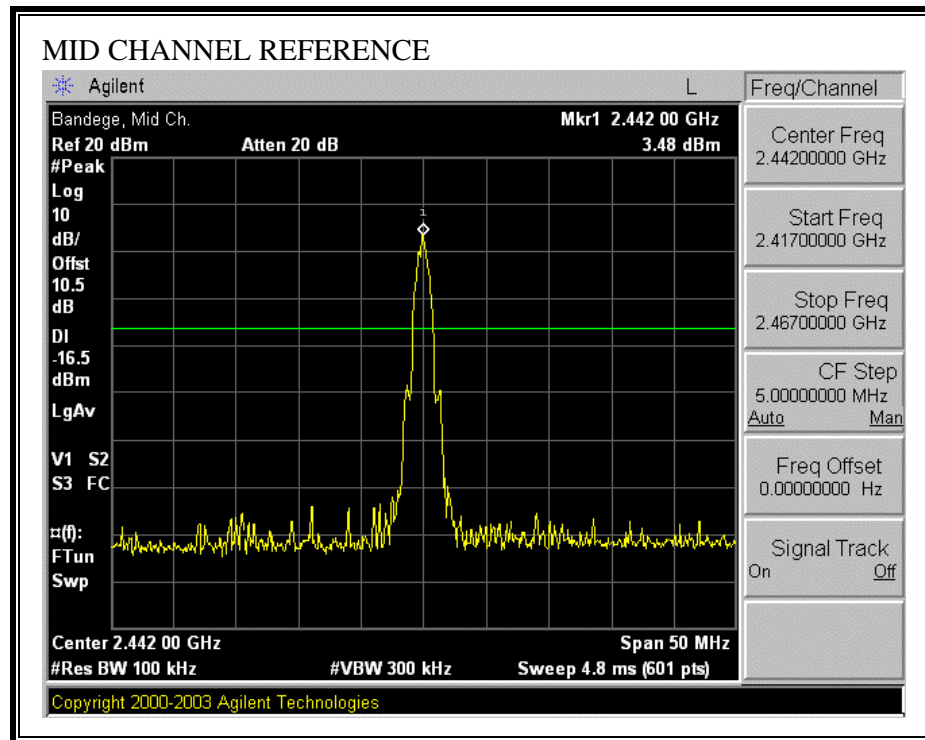
The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

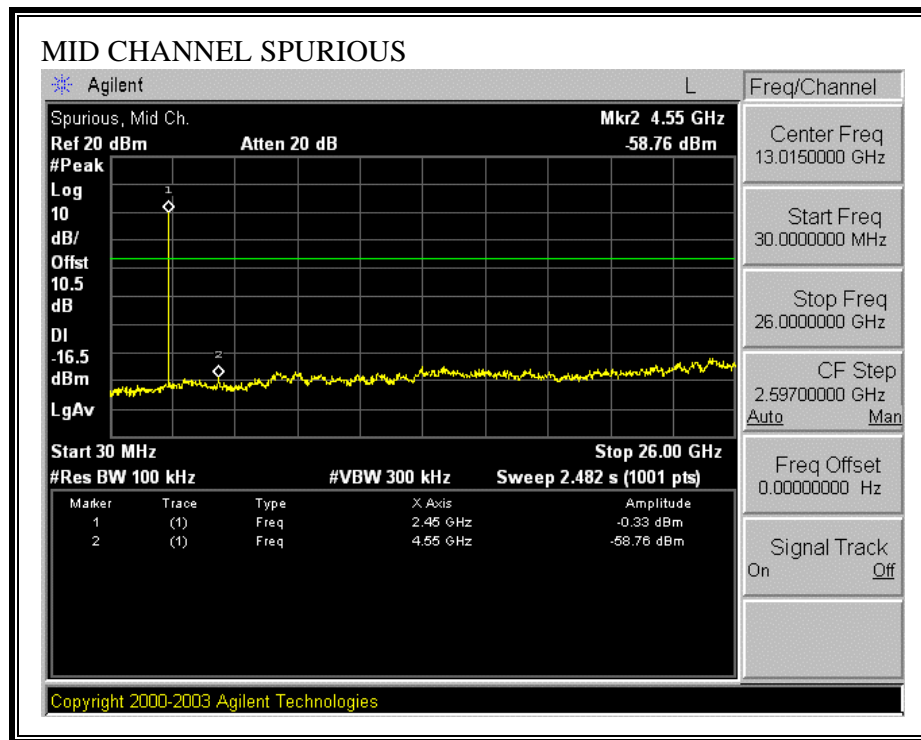
RESULTS

No non-compliance noted:

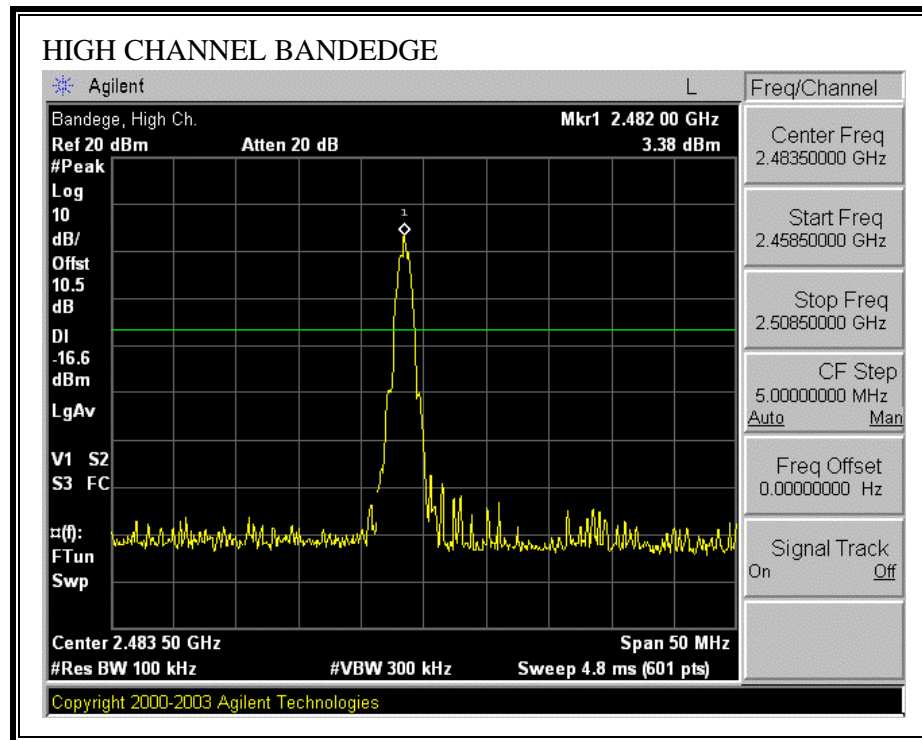


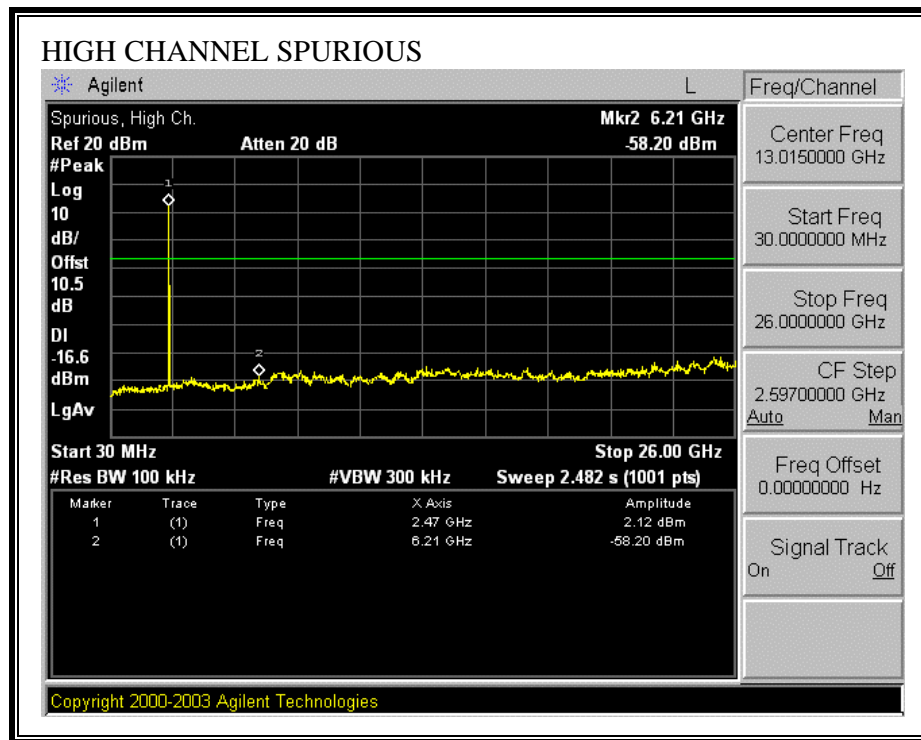
SPURIOUS EMISSIONS, MID CHANNEL





SPURIOUS EMISSIONS, HIGH CHANNEL





7.2. RADIATED EMISSIONS

7.2.1. TRANSMITTER RADIATED SPURIOUS EMISSIONS

LIMITS

§15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41			

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

§15.205 (b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

§15.209 (a) Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 - 88	100 **	3
88 - 216	150 **	3
216 - 960	200 **	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

§15.209 (b) In the emission table above, the tighter limit applies at the band edges.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.4. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

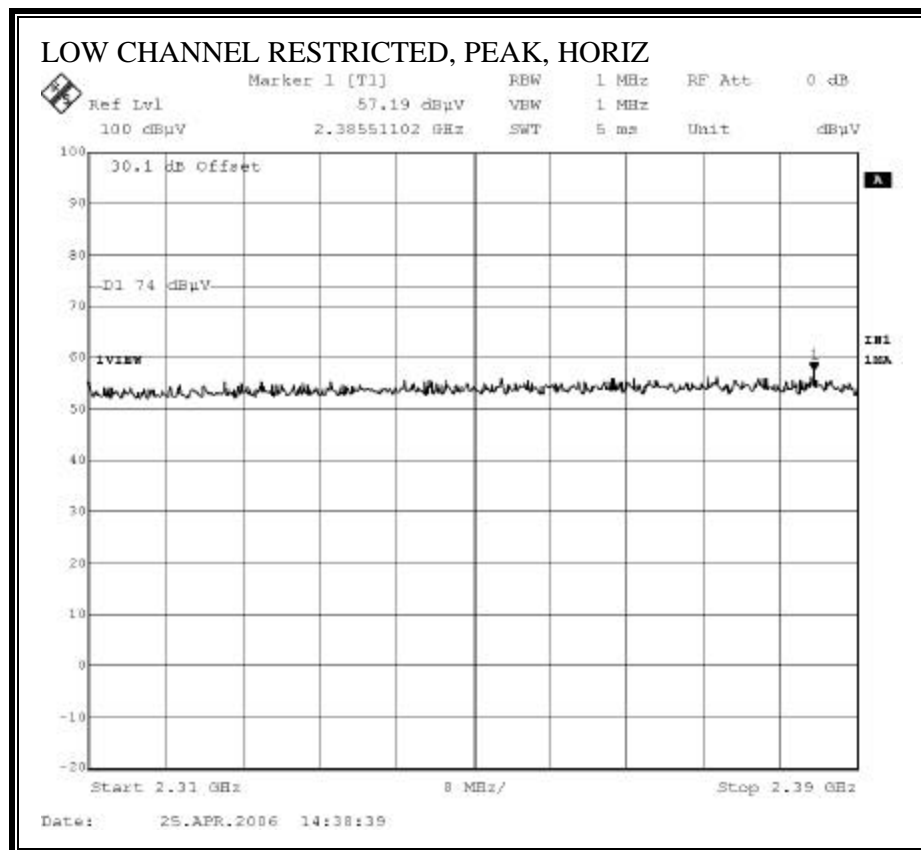
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each 5 GHz band.

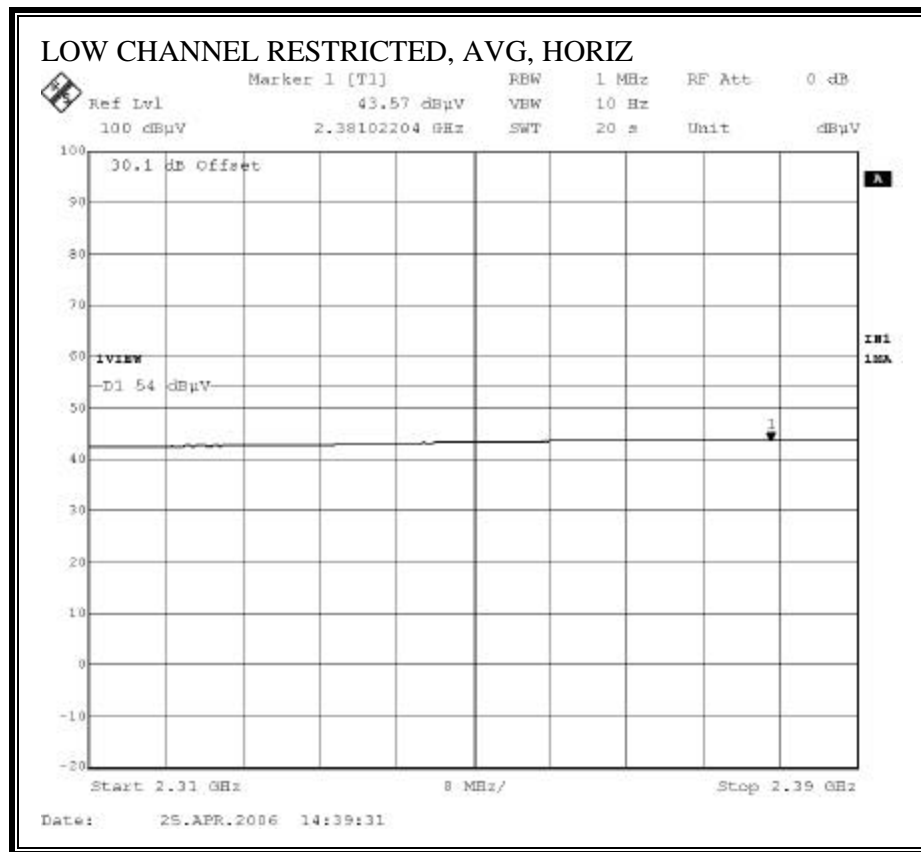
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

EUT was investigated per section 13.1.4.1 of ANSI C63.4:2003 by rotated the device with three orthogonal axes. The highest emission is reported when the controller is position at X axes.

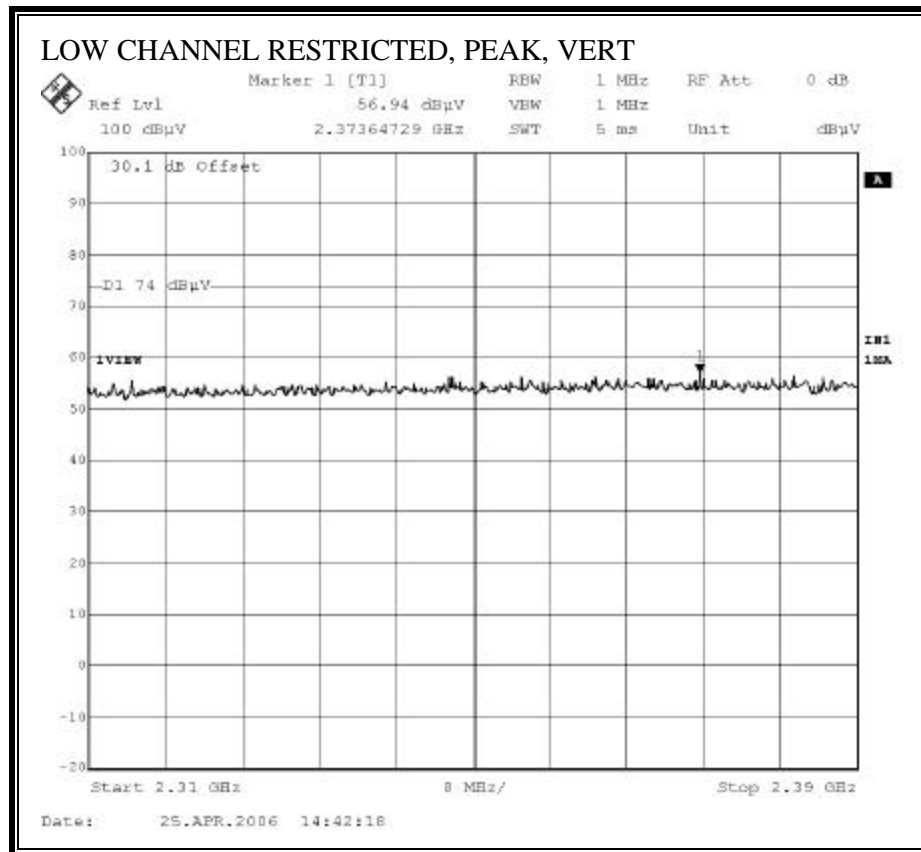
7.2.2. TRANSMITTER RADIATED EMISSIONS ABOVE 1 GHZ

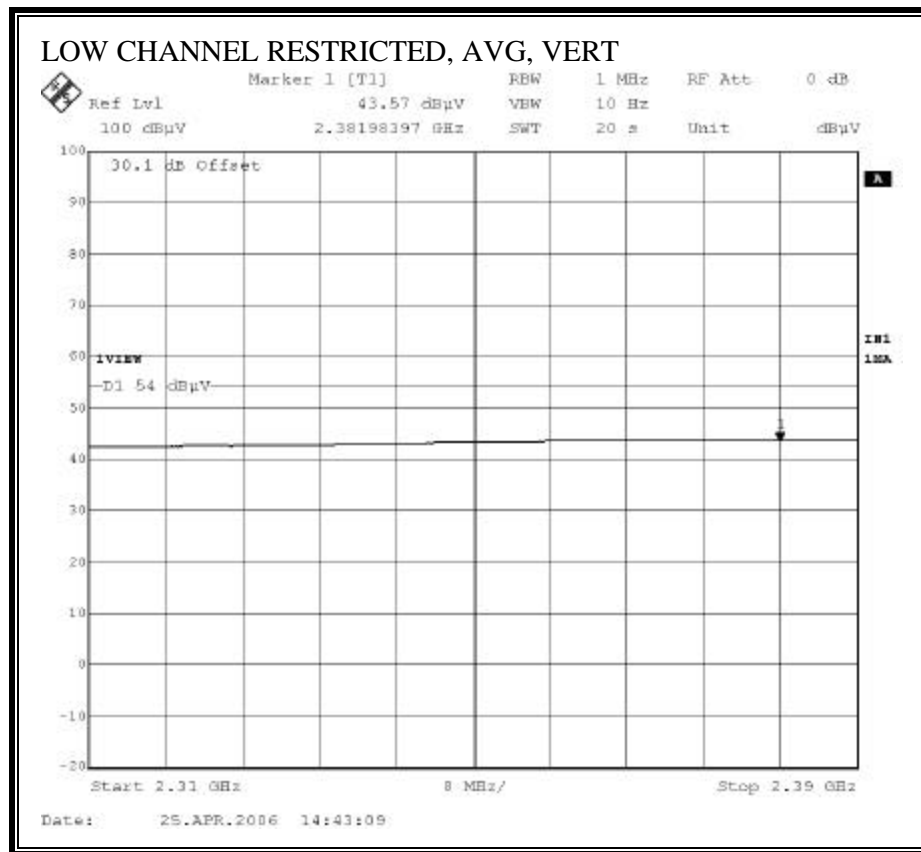
RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



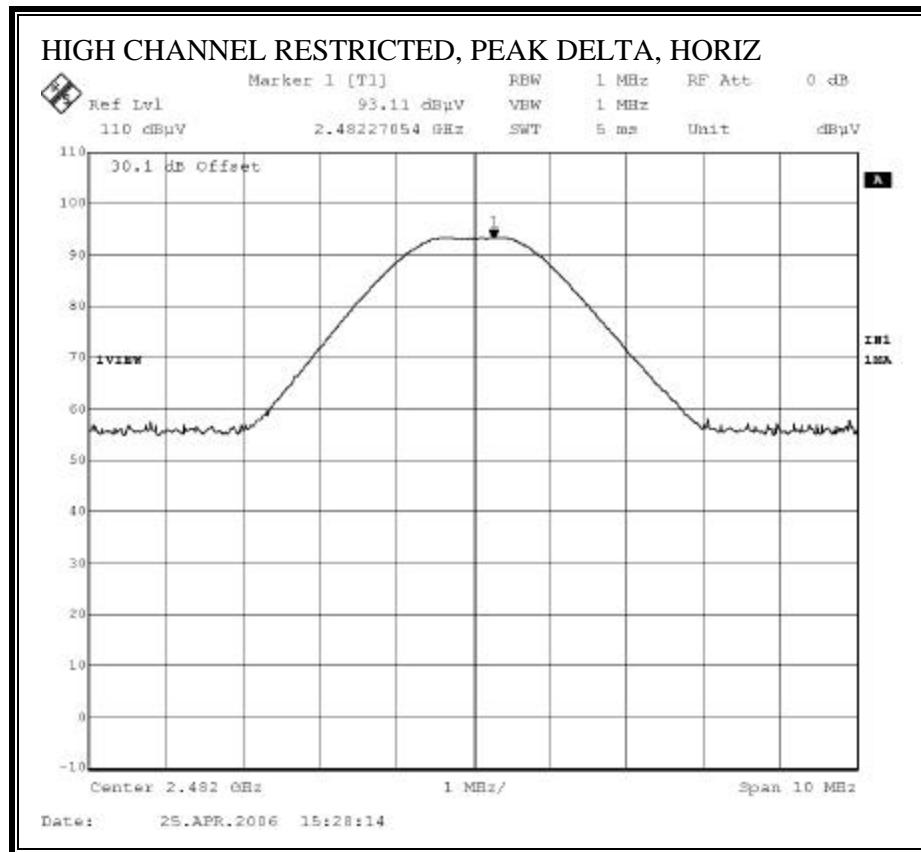


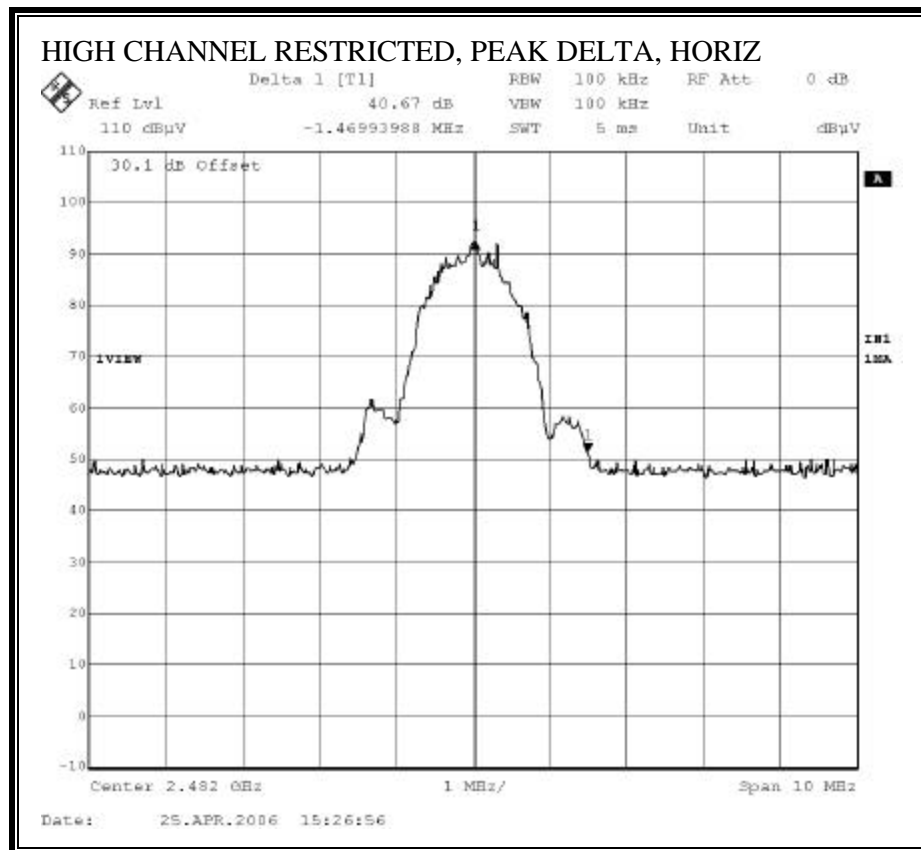
RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

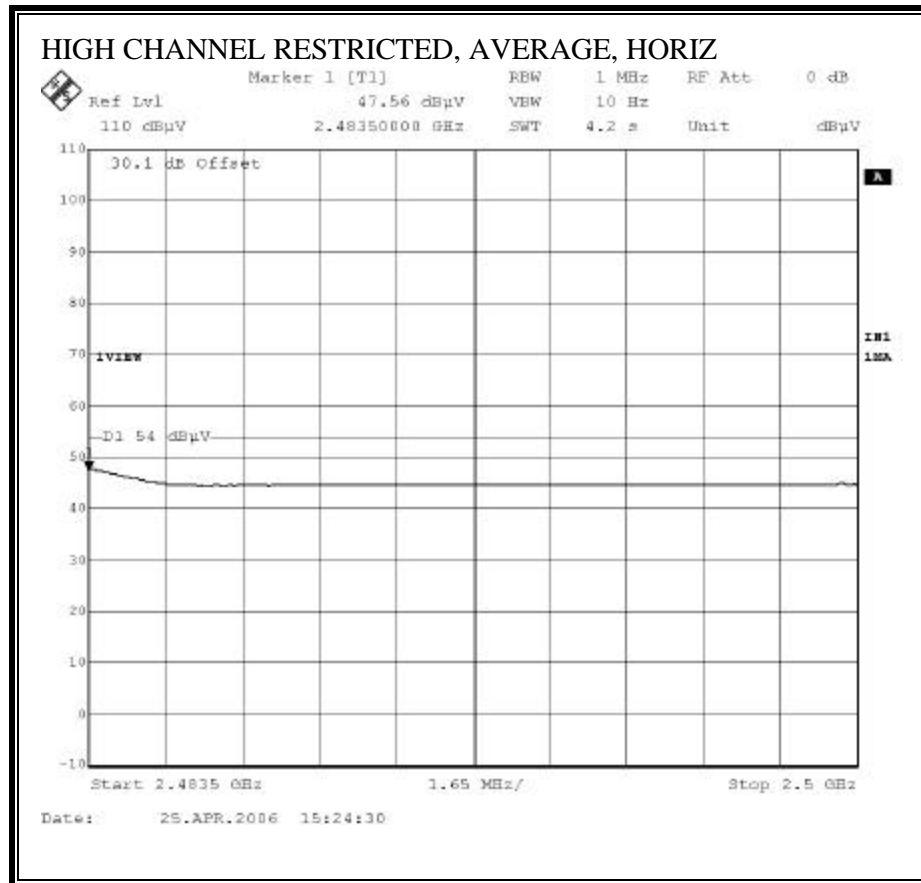




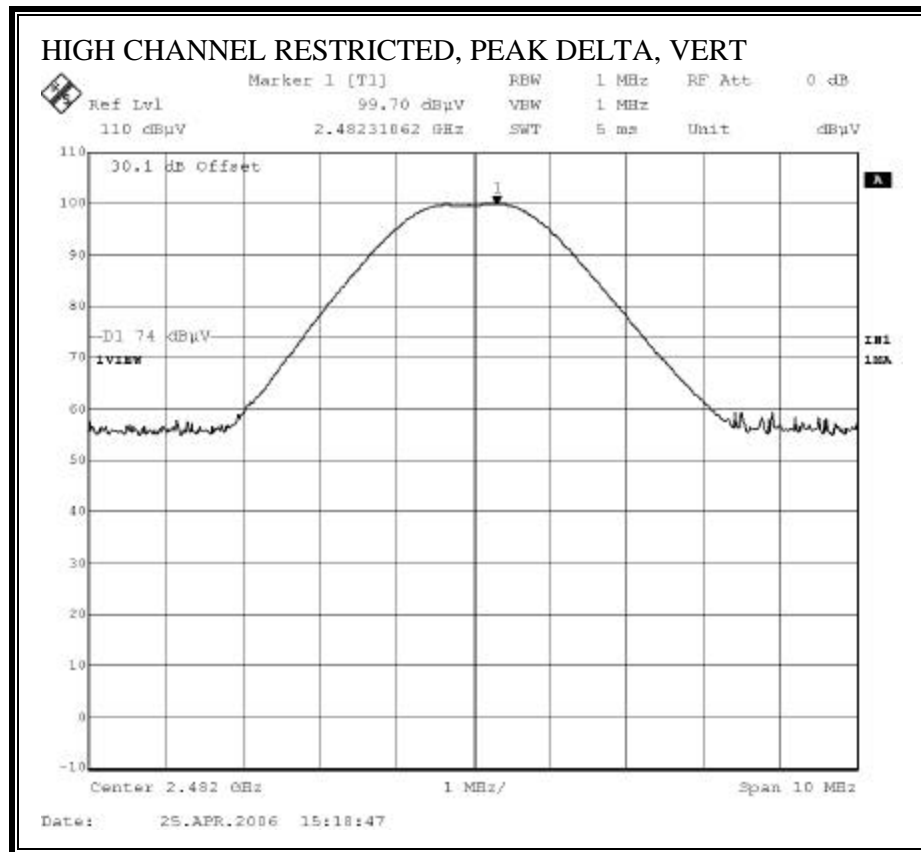
RESTRICTED BANDEDGE (HIGH CHANNEL, DELTA METHOD, HORIZONTAL)

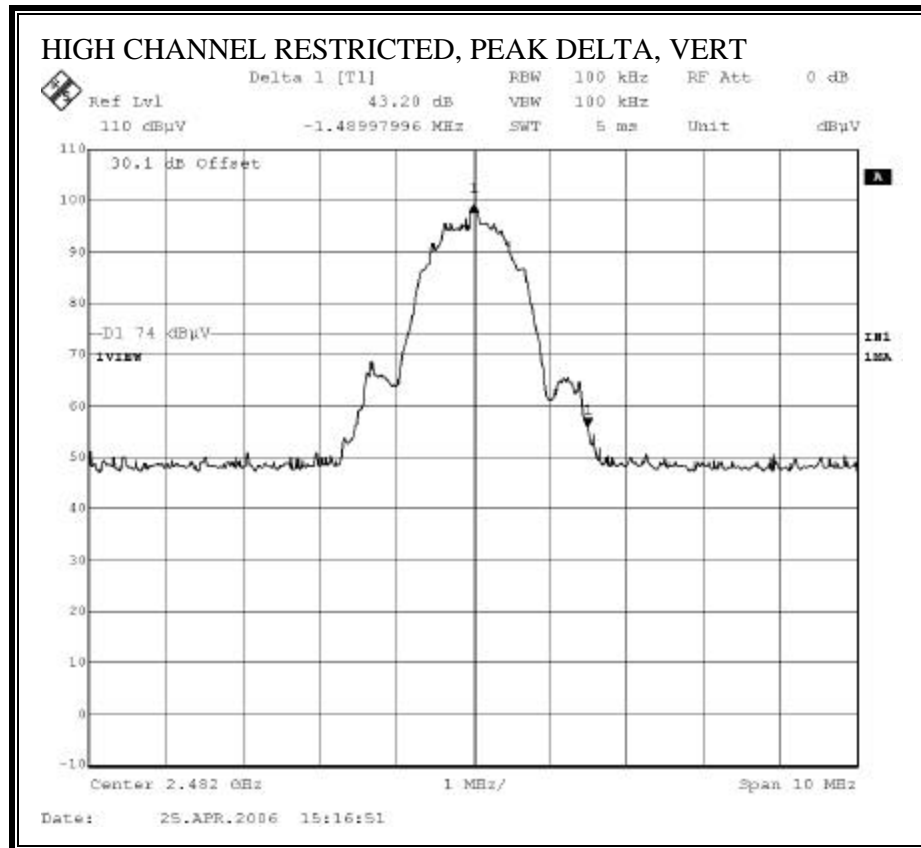


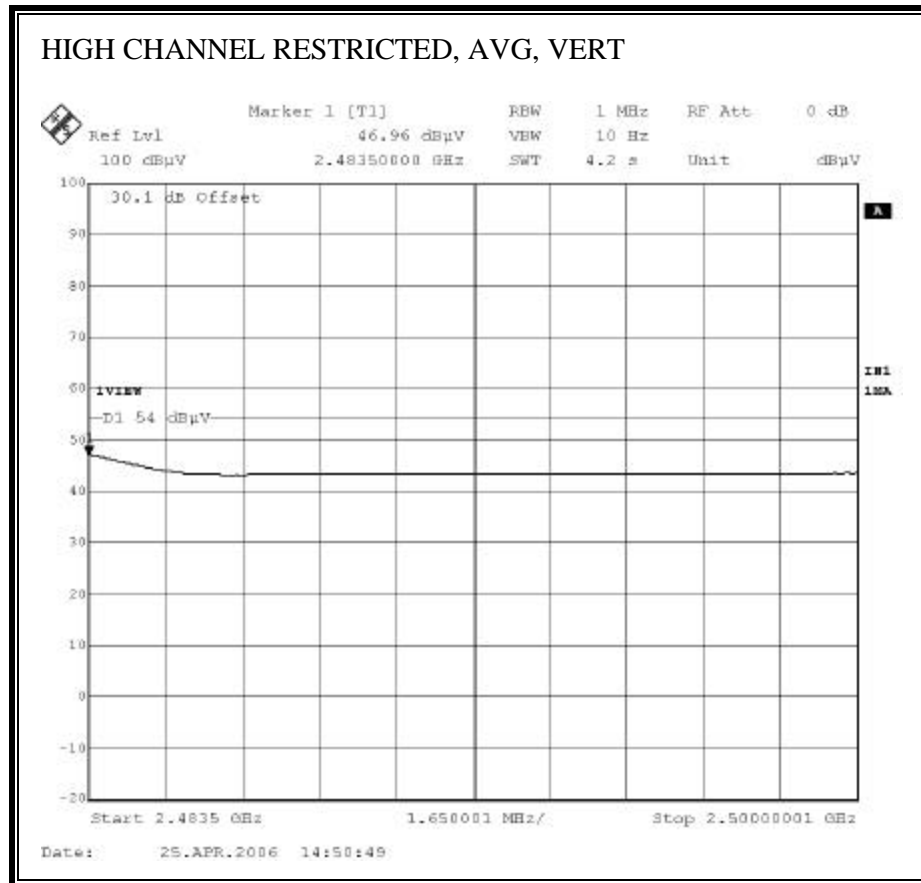




RESTRICTED BANDEDGE (HIGH CHANNEL, DELTA METHOD, VERTICAL)







HARMONICS AND SPURIOUS EMISSIONS

04/25/06 **High Frequency Measurement**
Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: David Garcia
Project #: 06U10261
Company: Microsoft
EUT Descrip.: Wireless Controller
EUT M/N: XBOX 360 Wireless Controller
Test Target: 802.11 FHSS
Mode Oper: Transmit mode

Test Equipment:

Horn 1-18GHz	Pre-amplifier 1-26GHz	Pre-amplifier 26-40GHz	Horn > 18GHz
T60; S/N: 2238 @3m	T144 Miteq 3008A00931		

RF Frequency Cables

2 foot cable	3 foot cable	12 foot cable	HPF	Reject Filter
Gordon 187207002		Joseph 208946001	52.1	

Peak Measurements
RBW=VBW=1MHz
Average Measurements
RBW=1MHz ; VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
2402 Channel															
4.804	3.0	50.9	31.6	33.6	3.3	-36.5	0.0	0.6	51.9	32.6	74	54	-22.1	-21.4	V
4.804	3.0	57.4	31.4	33.6	3.3	-36.5	0.0	0.6	58.4	32.4	74	54	-15.6	-21.6	H
2442 Channel															
4.884	3.0	48.5	31.2	33.7	3.3	-36.5	0.0	0.6	49.6	32.3	74	54	-24.4	-21.7	V
7.326	3.0	45.1	31.0	36.2	3.4	-36.2	0.0	0.6	49.1	35.0	74	54	-24.9	-19.0	V
4.884	3.0	49.7	32.0	33.7	3.3	-36.5	0.0	0.6	50.8	33.1	74	54	-23.2	-20.9	H
2482 Channel															
4.964	3.0	49.0	31.1	33.8	3.3	-36.5	0.0	0.6	50.2	32.3	74	54	-23.8	-21.7	V
7.446	3.0	46.2	31.4	36.3	3.4	-36.2	0.0	0.6	50.3	35.5	74	54	-23.7	-18.5	V
4.964	3.0	53.7	31.3	33.8	3.3	-36.5	0.0	0.6	54.9	32.5	74	54	-19.1	-21.5	H
7.446	3.0	46.3	31.6	36.3	3.4	-36.2	0.0	0.6	50.4	35.7	74	54	-23.6	-18.3	H
No further emissions were detected above the noise floor of the receiver.															

f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

7.2.3. WORST-CASE RADIATED EMISSIONS BELOW 1 GHz

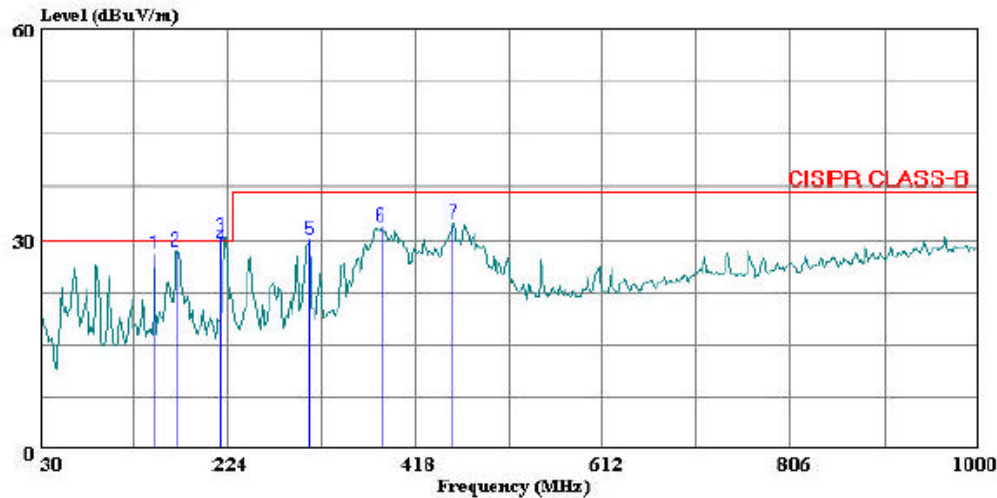
SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL PLOT



561F Monterey Road
Morgan Hill, CA 95037
Tel: (408) 463-0888
Fax: (408) 463-0885

Data#: 12 File#: rad0426.EMI Date: 04-26-2006 Time: 11:15:46



(Audix ATC)

Trace: 8

Ref Trace:

Condition: CISPR CLASS-B HORIZONTAL
Test Operator : Frank Ibrahim
Project # : 06U10261 & 06U10262
Company : Microsoft
EUT : Frequency Hopping Wireless Controller
Model No : Xbox 360 Wireless Controller
S/N : CS01726, CS01727
Configuration : EUT, Power Supply, USB Hub, Laptop PC,
: RTX Unity, White Box
Mode of operation: Two units bound together

Page: 1

	Read			Limit	Over	
Preq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	148.340	13.62	14.33	27.94	30.00	-2.06 Peak
2	170.650	15.10	13.38	28.48	30.00	-1.52 Peak
3 *	216.010	19.20	12.41	31.61	30.00	1.61 Peak
4	216.010	16.70	12.41	29.11	30.00	-0.89 QP
5	308.390	14.26	15.87	30.13	37.00	-6.87 Peak
6	383.080	14.39	17.69	32.08	37.00	-4.92 Peak
7	457.770	12.94	19.38	32.32	37.00	-4.68 Peak

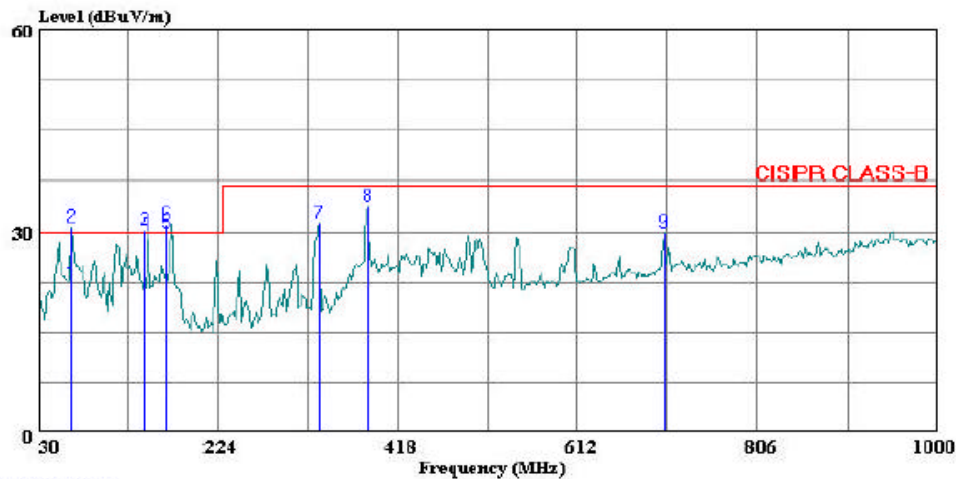
SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)

VERTICAL PLOT



561F Monterey Road
Morgan Hill, CA 95037
Tel: (408) 463-0888
Fax: (408) 463-0885

Data#: 7 File#: rad0426.EMI Date: 04-26-2006 Time: 10:53:38



(Auxiliary ATC)

Trace: 1

Ref Trace:

Condition: CISPR CLASS-B VERTICAL
Test Operator : Frank Ibrahim
Project # : 06U10261 & 06U10262
Company : Microsoft
EUT : Frequency Hopping Wireless Controller
Model No : Xbox 360 Wireless Controller
S/N : CS01726, CS01727
Configuration : EUT, Power Supply, USB Hub, Laptop PC,
: RTX Unity, White Box
Mode of operation: Two units bound together

Page: 1

	Read		Limit	Over	
Freq	Level	Factor	Level	Line	Limit Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	65.890	13.10	9.09	22.19	30.00 -7.81 QP
2 *	65.890	21.69	9.09	30.78	30.00 0.78 Peak
3 *	144.010	16.00	14.63	30.62	30.00 0.62 Peak
4	144.010	15.18	14.63	29.80	30.00 -0.20 QP
5	168.008	16.40	13.51	29.91	30.00 -0.09 QP
6 *	168.008	17.89	13.51	31.40	30.00 1.40 Peak
7	332.640	14.96	16.47	31.43	37.00 -5.57 Peak
8	385.990	16.13	17.73	33.86	37.00 -3.14 Peak

7.3. POWERLINE CONDUCTED EMISSIONS

LIMIT

§15.207 (a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal.

The lower limit applies at the boundary between the frequency ranges.

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

The resolution bandwidth is set to 9 kHz for both peak detection and quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

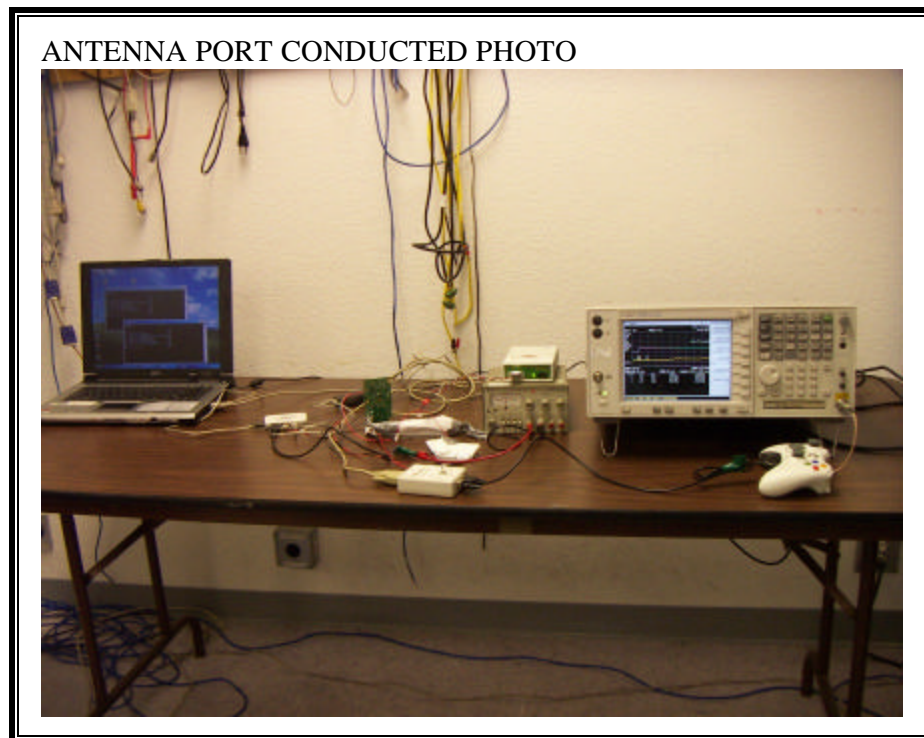
Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

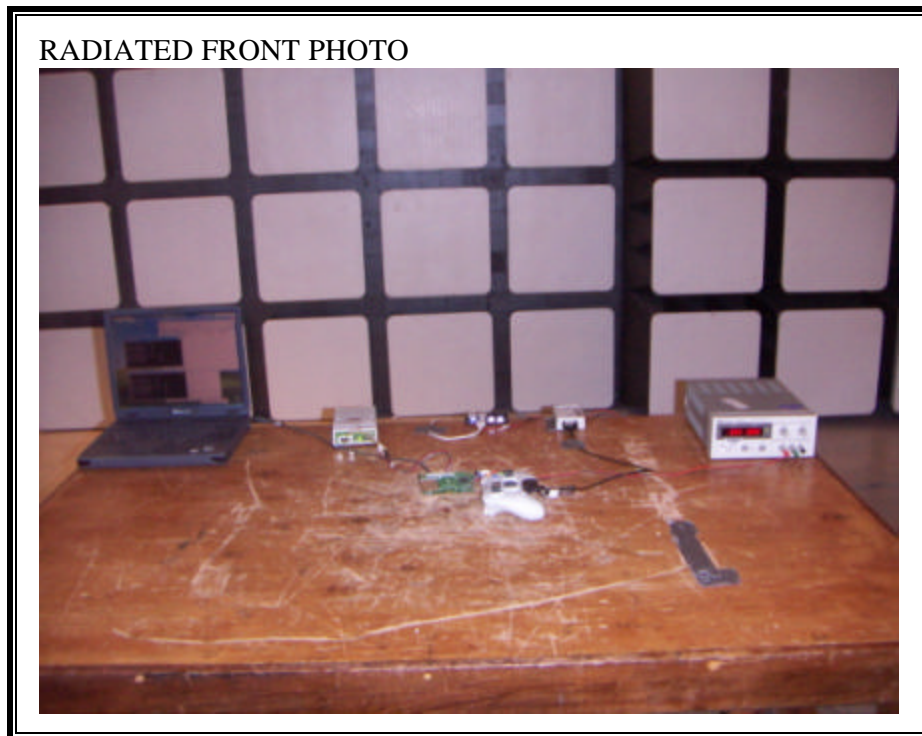
Not Applicable, the EUT is battery powered.

8. SETUP PHOTOS

ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP



RADIATED RF MEASUREMENT SETUP



RADIATED BACK PHOTO



END OF REPORT