

FCC COMPLIANCE REPORT

for

Kadence Designs LLC

Transmitter

Model Number: T2.2

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-F09103960
Date of Test : Sept. 8~Oct. 30, 2009
Date of Report : Nov. 1, 2009



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NS Technology Co., Ltd.

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:	T2.2		
Trade Name:	Lightspeaker™	Operating Frequency:	IEEE802.11b 2412~2462MHz IEEE802.11g 2412~2462MHz
Date of Receipt:	Sept. 8, 2009	Date of Test:	Sept. 8~Oct. 30, 2009
Test Specification:	FCC Part 15 Subpart C: July. 10, 2008 ANSI C63.4:2003 RSS-210,Issue 7 June 2007, Annex2.9 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: Nov. 1,2009			
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.	: T2.2
Operating Frequency	: 2412~2462MHz
Number of Channels	: 11 Channels
Channel frequency	$F = 2412 + 5(K-1)$ K=1,2,.....11
Type of Modulation	: DSSS for IEEE 802.11b/g
Antenna Type	: Integral
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
Ipod	M/N:MB147H S/N:JQ74121YMV Audio line:Unshielded,Detachable,0.3m

1.3. Difference between Model Numbers

1.4. Independent Operation Modes

The basic operation modes are:

- 1.4.1. IEEE 802.11b; TX CH1 (2412MHz)
- 1.4.2. IEEE 802.11b; TX CH 6 (2437MHz)
- 1.4.3. IEEE 802.11b; TX CH11 (2462MHz)
- 1.4.4. IEEE 802.11g; TX CH1 (2412MHz)
- 1.4.5. IEEE 802.11g; TX CH 6 (2437MHz)
- 1.4.6. IEEE 802.11g; TX CH11 (2462MHz)

2. TEST SITES

2.1. Test Facilities

EMC Lab : Certified by TUV Rheinland, Germany.
Date of registration: July 28, 2003

Certificated by FCC, USA
Registration No.: 502831
Date of registration: February 09, 2009

Certificated by VCCI, Japan
Registration No.: R-2527 & C-2770
Date of registration: March 23, 2007

Certificated by CNAL, CHINA
Registration No.: L1744
Date of registration: November 25, 2004

Certificated by Intertek ETL SEMKO
Registration No.: TMP-013
Date of registration: June 11, 2005

Certificated by TUV/PS, Hong Kong
Date of registration: December 1, 2005

Certificated by Industry Canada
Registration No.: 5936A
Date of registration: March 4, 2009

Certificated by ATCB, America
Date of registration: August 03, 2006

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	100340	May 31,09	May 31,10
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	May 31,09	May 31,10
Artificial Mains Network (AUX)	Kyoritsu	KNW-407	8-1579-1	Jan.19,09	Jan.19,11
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100168	May 2,09	May 2,10
RF Cable	FUJIKURA	3D-2W	843 Cable 1#	May 2,09	May 2,10

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 31,09	May 31,10
Spectrum Analyzer	HP	8593E	3448U00806	May 31,09	May 31,10
Bilog Antenna	Teseq	CBL 6111D	25758	Oct. 27,09	Oct. 27,10
Signal Amplifier	Agilent	8447D	2944A10488	May 2,09	May 2,10
50Ω Coaxial Switch	ANRITSU	MP59B	6200530577	May 2,09	May 2,10
RF Cable	IMRO	IMRO-400	966 Cable 1#	May 2,09	May 2,10
RF Cable	DRAKA	M17/84-RG 223	966 Cable 2#	May 2,09	May 2,10

2.2.3.For radiated emission test(1GHz-10GHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	HP	8593E	3448U00806	May 31,09	May 31,10
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
RF Cable	DRAKA	M06/25-RG102	966Cable 3#24G	May 2,09	May 2,10

2.2.4.For Band edge compliance and 20dB bandwidth test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCS30	100340	May 31,09	May 31,10
Spectrum Analyzer	HP	8593E	3448U00806	May 31,09	May 31,10
Bilog Antenna	Teseq	CBL 6111D	25758	Oct. 27,09	Oct. 27,10
Signal Amplifier	Agilent	8447D	2944A10488	May 2,09	May 2,10
50Ω Coaxial Switch	ANRITSU	MP59B	6200530577	May 2,09	May 2,10
RF Cable	IMRO	IMRO-400	966 Cable 1#	May 2,09	May 2,10
RF Cable	DRAKA	M17/84-RG 223	966 Cable 2#	May 2,09	May 2,10

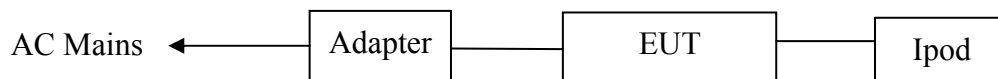
3. TEST SET-UP AND OPERATION MODES

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 : Switching Power Supply)

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 RSS-210 RSS-GEN 7.2.2	PASS
2	Radiated Emission Test	FCC Part15C: 15.209 FCC Part15C: 15.249 ANSI C63.4-2003 RSS-210 A2.9 RSS-GEN	PASS
3	Band Edge Compliance Test	FCC Part15: 15.249 RSS-210 RSS-GEN	PASS
4	20dB/ 99%Bandwidth Test	FCC Part 15: 15.215 RSS-210 RSS-GEN	PASS

Note: N/A is an abbreviation for Not Applicable.

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 : Oct. 12, 2009
Model No. : T2.2
Input Voltage : DC 9V from adapter input AC 120V/60Hz
Operation Mode : TX 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 bandwidth of the test receiver (R&S ESCS30) was set at 9 kHz.

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

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

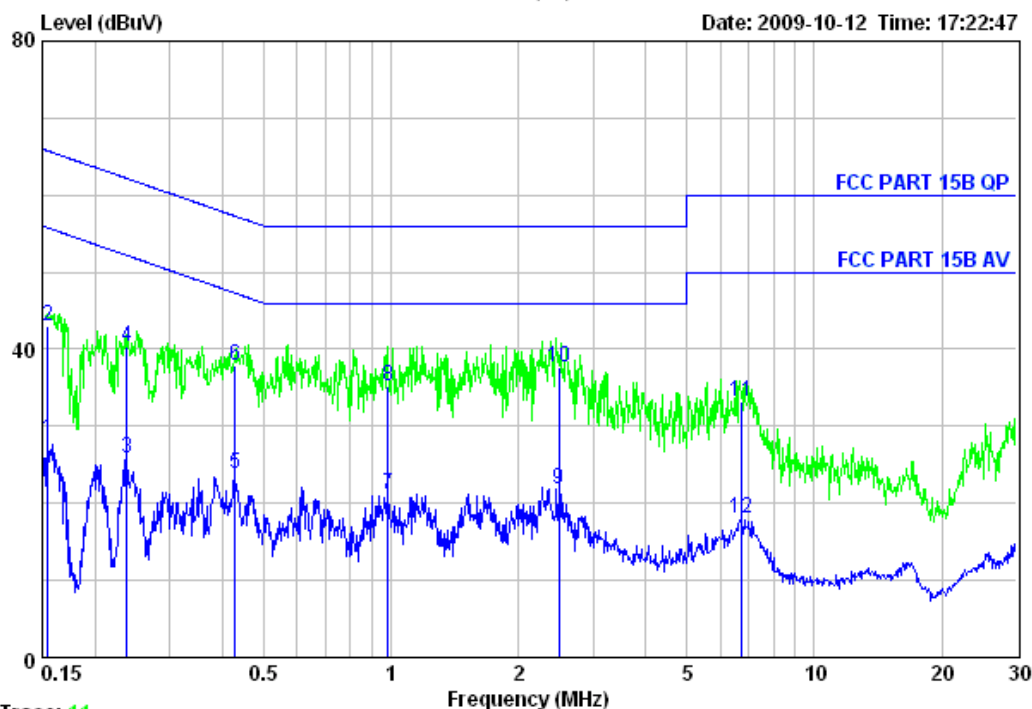
Note: Test uncertainty: $\pm 2.54\text{dB}$ at a level of confidence of 95%.

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Data: 12 File: D:\Conduction\K\Kadence.EMI (12)

Date: 2009-10-12 Time: 17:22:47



Trace: 11

Test Site : 844 Shielded Room
Limit : FCC PART 15B 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%
Test Mode : TX Mode

	Freq. (MHz)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	28.19	55.74	27.55	Average
2	0.15	43.10	65.74	22.64	QP
3	0.24	25.82	52.17	26.35	Average
4	0.24	40.30	62.17	21.87	QP
5	0.43	23.94	47.29	23.35	Average
6	0.43	37.80	57.29	19.49	QP
7	0.98	21.22	46.00	24.78	Average
8	0.98	35.20	56.00	20.80	QP
9	2.49	21.84	46.00	24.16	Average
10	2.49	37.60	56.00	18.40	QP
11	6.70	33.20	60.00	26.80	QP
12	6.70	17.99	50.00	32.01	Average

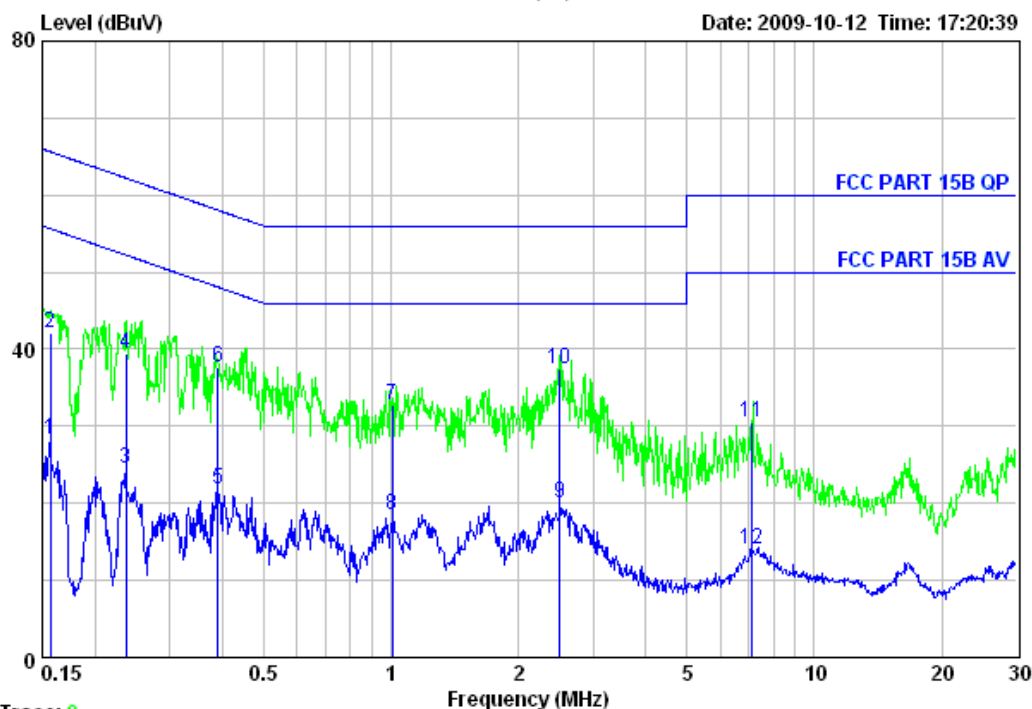


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Data: 10 File: D:\Conduction\K\Kadence.EMI (12)

Date: 2009-10-12 Time: 17:20:39



Trace: 9

Test Site : 844 Shielded Room
Limit : FCC PART 15B 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%
Test Mode : TX Mode

	Freq. (MHz)	Level (dBUV)	Limits (dBUV)	Margin (dB)	Remark
1	0.16	28.32	55.65	27.33	Average
2	0.16	42.10	65.65	23.55	QP
3	0.24	24.49	52.22	27.73	Average
4	0.24	39.40	62.22	22.82	QP
5	0.39	21.83	48.08	26.25	Average
6	0.39	37.60	58.08	20.48	QP
7	1.00	32.80	56.00	23.20	QP
8	1.00	18.55	46.00	27.45	Average
9	2.50	19.97	46.00	26.03	Average
10	2.50	37.50	56.00	18.50	QP
11	7.14	30.50	60.00	29.50	QP
12	7.14	14.12	50.00	35.88	Average

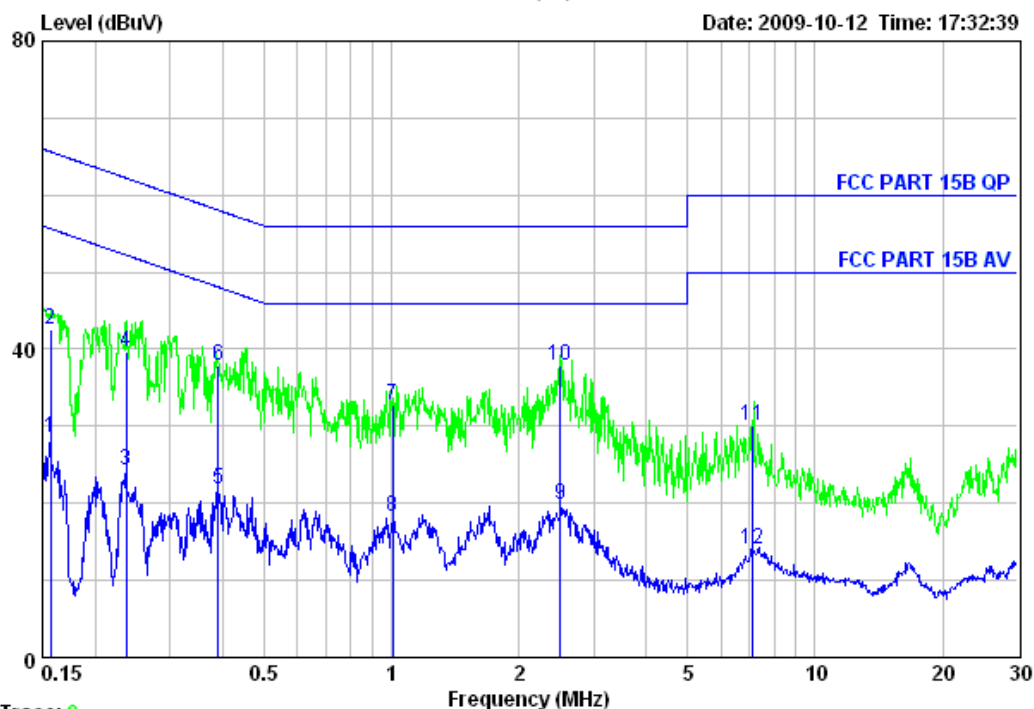


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Data: 37 File: D:\Conduction\K\Kadence.EMI (39)

Date: 2009-10-12 Time: 17:32:39



Trace: 9

Test Site : 844 Shielded Room
Limit : FCC PART 15B 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%
Test Mode : RX Mode

	Freq. (MHz)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.16	28.53	55.65	27.12	Average
2	0.16	42.63	65.65	23.02	QP
3	0.24	24.26	52.22	27.96	Average
4	0.24	39.63	62.22	22.59	QP
5	0.39	21.83	48.08	26.25	Average
6	0.39	37.84	58.08	20.24	QP
7	1.00	32.68	56.00	23.32	QP
8	1.00	18.26	46.00	27.74	Average
9	2.50	19.87	46.00	26.13	Average
10	2.50	37.93	56.00	18.07	QP
11	7.14	29.98	60.00	30.02	QP
12	7.14	13.96	50.00	36.04	Average

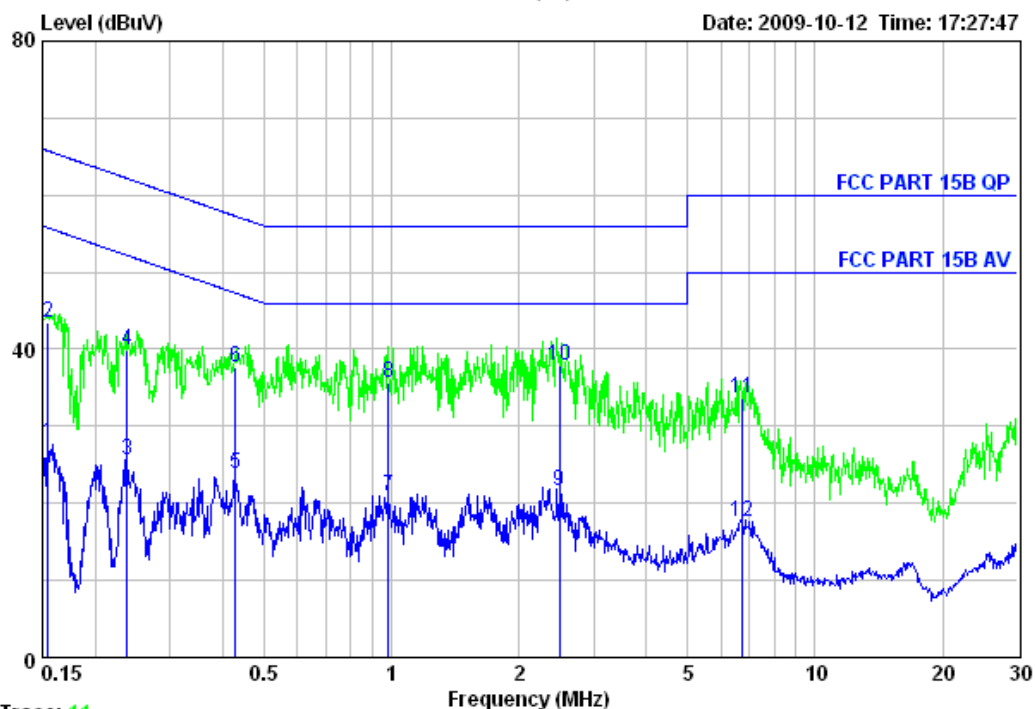


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Data: 39 File: D:\Conduction\K\Kadence.EMI (39)

Date: 2009-10-12 Time: 17:27:47



Trace: 11

Test Site : 844 Shielded Room
Limit : FCC PART 15B 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%
Test Mode : RX Mode

	Freq. (MHz)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15	27.86	55.74	27.88	Average
2	0.15	43.52	65.74	22.22	QP
3	0.24	25.64	52.17	26.53	Average
4	0.24	39.93	62.17	22.24	QP
5	0.43	23.94	47.29	23.35	Average
6	0.43	37.58	57.29	19.71	QP
7	0.98	20.97	46.00	25.03	Average
8	0.98	35.64	56.00	20.36	QP
9	2.49	21.63	46.00	24.37	Average
10	2.49	37.94	56.00	18.06	QP
11	6.70	33.62	60.00	26.38	QP
12	6.70	17.67	50.00	32.33	Average



5.2. Radiated Emission

5.2.1. Test limits

- 1) FCC part 15C section 15.209
- 2) FCC part 15C section 15.249(a)
- 3) RSS-210 A2.9

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 (calibrated by dipole 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.

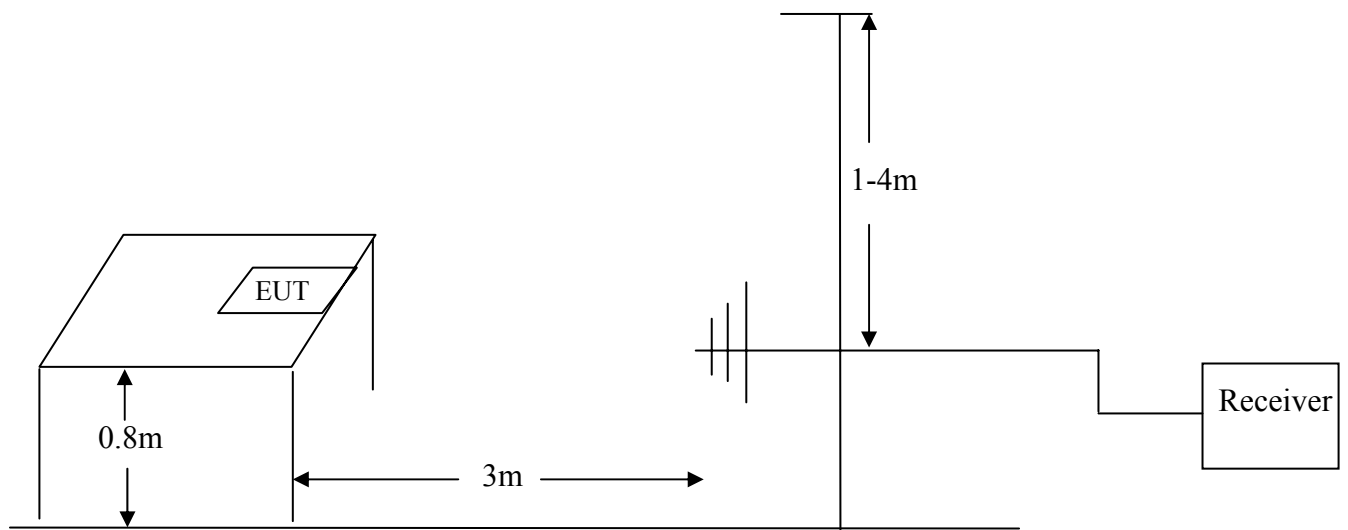
In 18GHz to 25GHz, The EUT was checked by Horn ANT . But the test result is background.

The EUT was tested in Chamber Site.

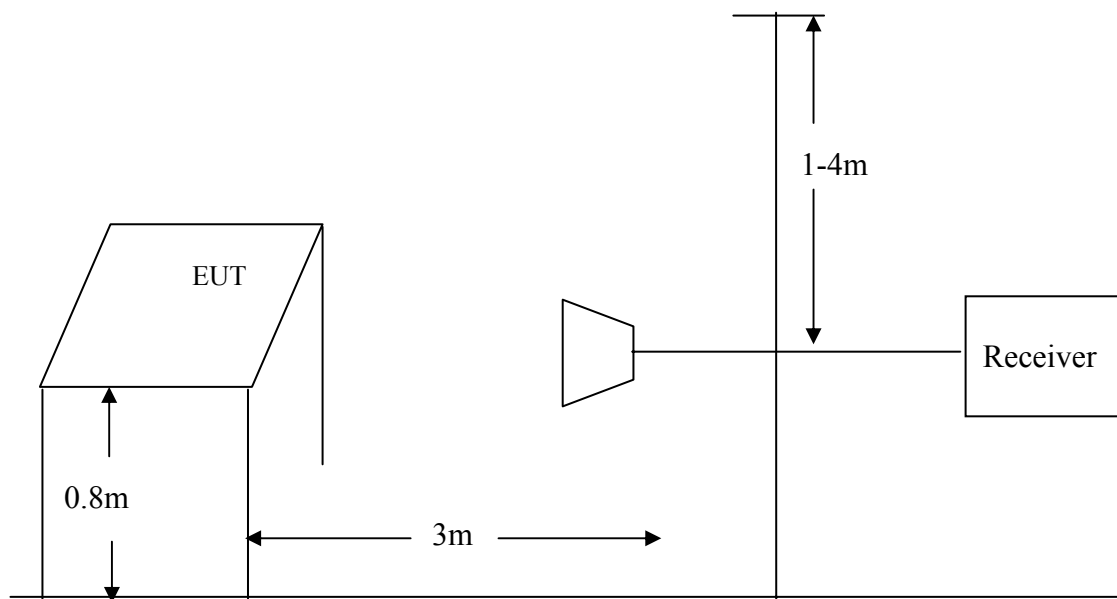
Note: Test uncertainty: $\pm 2.62\text{dB}$ at a level of confidence of 95%.

5.2.3. Test Setup Diagram

5.1.3.1. Frequency range: 30MHz-1000MHz



5.1.3.2. Frequency range: 1 GHz -25GHz



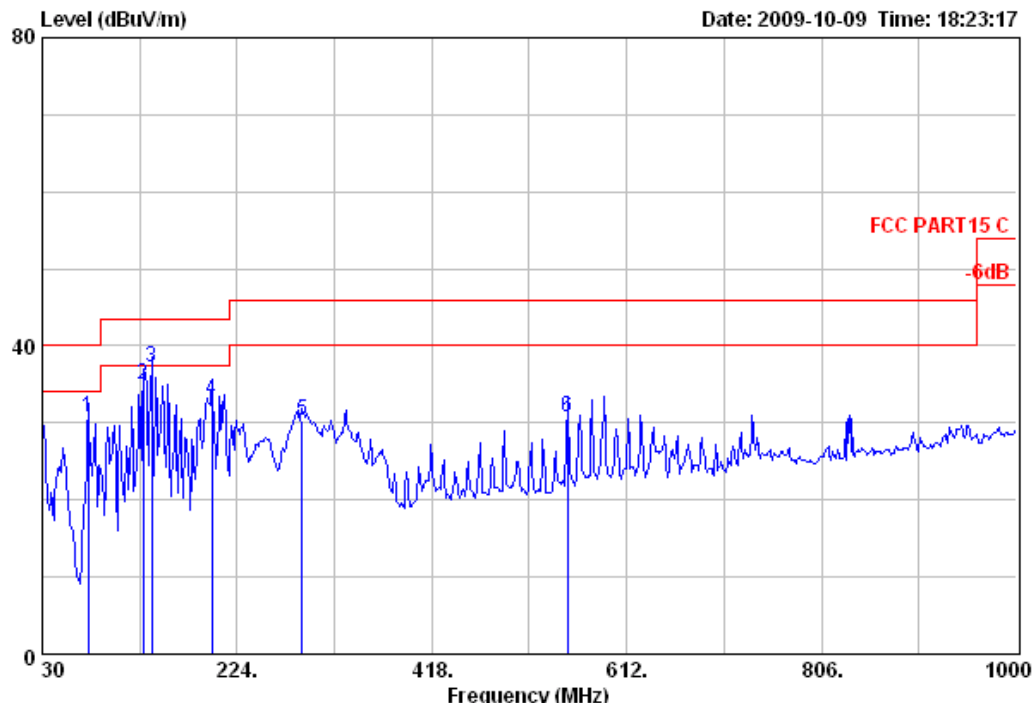
The test plots as following:

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Data: 19 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-09 Time: 18:23:17



Test Site : 966 Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX Mode
AUX IN1(Playing with rock music)
Ant high:1.6m; Table angle:267'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	75.59	30.72	40.00	9.28	22.94	6.90	0.88	QP
2	130.88	35.07	43.50	8.43	21.85	12.01	1.21	QP
3	138.64	37.20	43.50	6.30	23.86	12.09	1.25	QP
4	198.78	33.08	43.50	10.42	23.24	8.32	1.52	QP
5	288.99	30.38	46.00	15.62	15.28	13.26	1.84	QP
6	552.83	30.82	46.00	15.18	8.68	19.53	2.61	QP

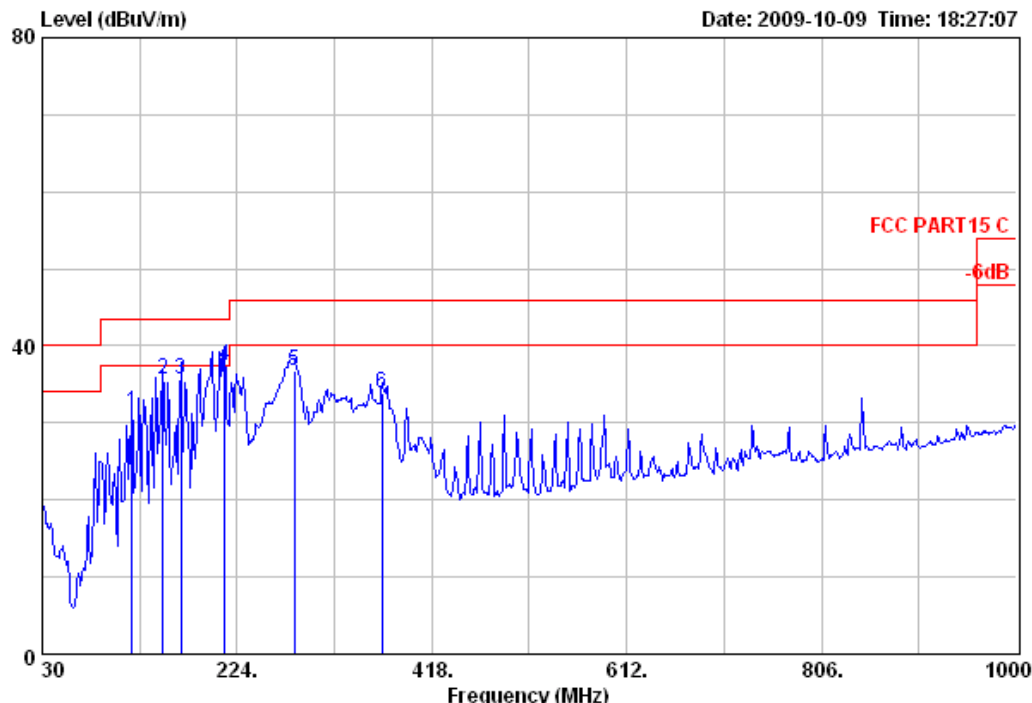


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Data: 20 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-09 Time: 18:27:07



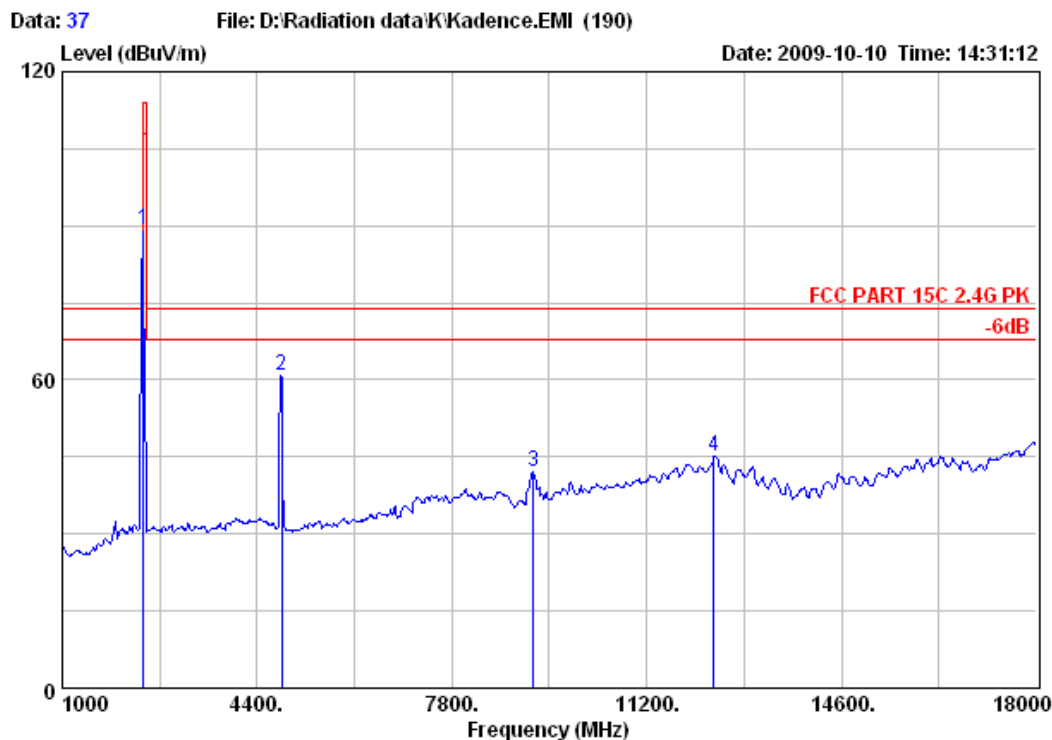
Test Site : 966 Chamber
Limit : FCC PART15 C
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX Mode
AUX IN1(Playing with rock music)
Ant high:2.4m; Table angle:91'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	119.24	31.52	43.50	11.98	18.63	11.75	1.14	QP
2	150.28	35.65	43.50	7.85	22.85	11.50	1.30	QP
3	167.74	35.76	43.50	7.74	24.28	10.08	1.40	QP
4	211.39	37.52	43.50	5.98	26.86	9.08	1.58	QP
5	281.23	36.71	46.00	9.29	21.96	12.94	1.81	QP
6	368.53	33.89	46.00	12.11	16.37	15.44	2.08	QP



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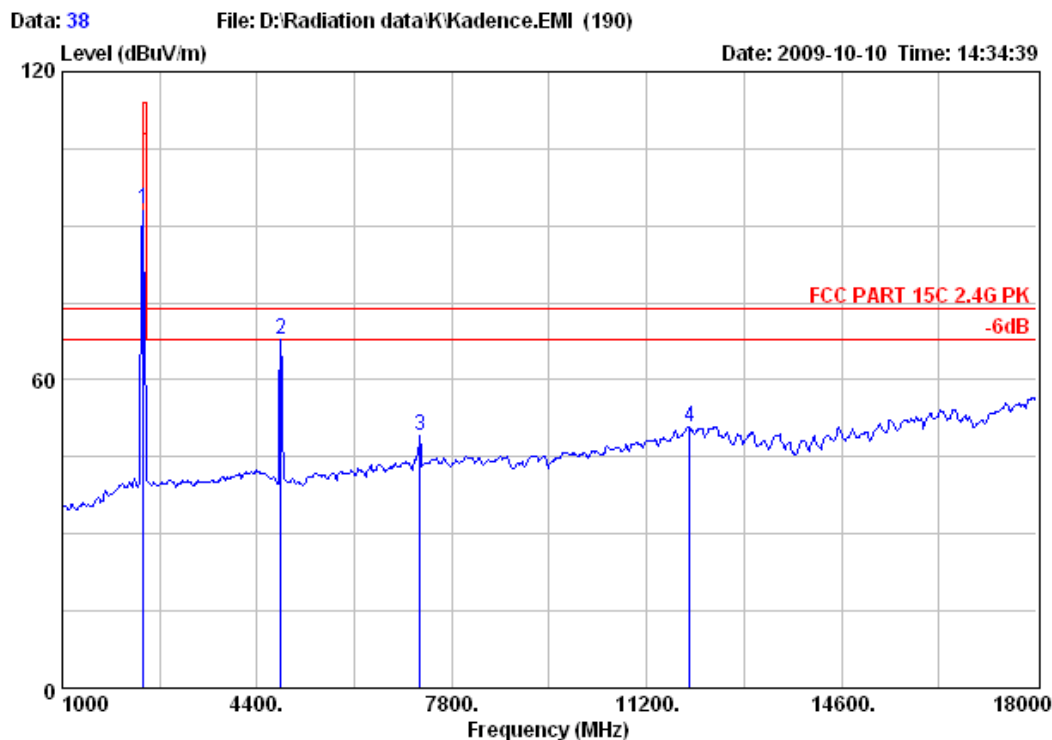
Test Site : 966 Chamber
Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:2.6m; Table angle:136'

	Emission			Margin	Reading	Ant.	Cable	Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2412.00	89.25	114.00	24.75	55.52	31.50	2.23	Peak
2	4824.00	60.87	74.00	13.13	23.90	34.59	2.38	Peak
3	9228.00	42.04	74.00	31.96	2.11	37.28	2.65	Peak
4	12373.00	45.24	74.00	28.76	2.45	39.95	2.84	Peak



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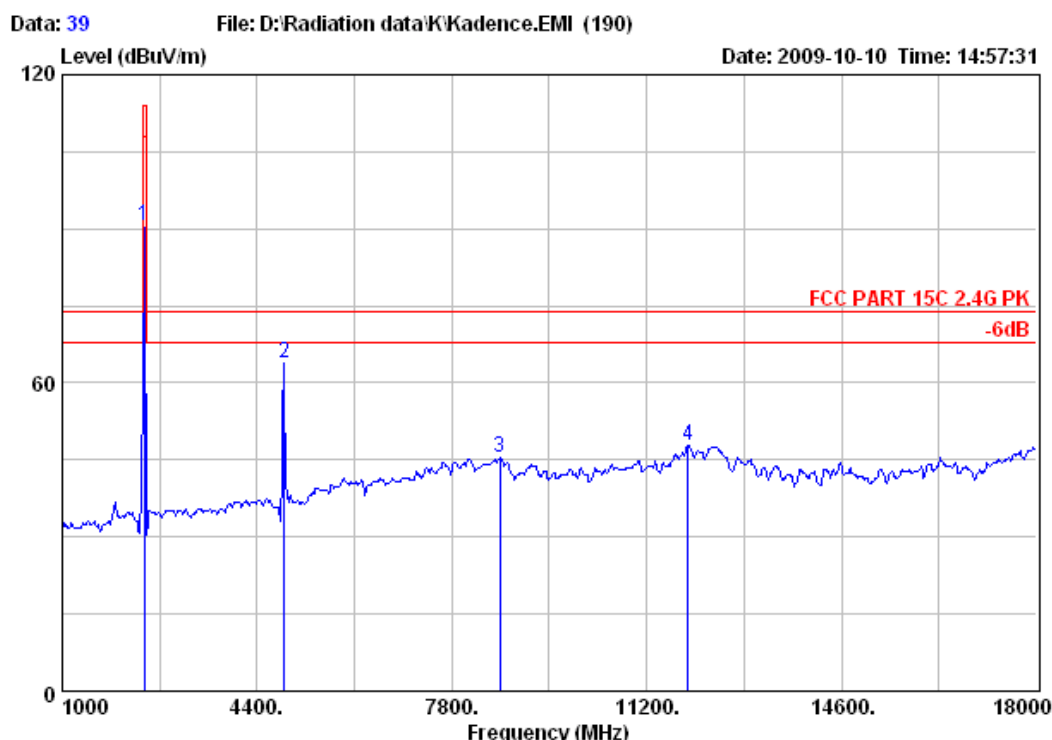
Test Site : 966 Chamber
Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:1.4m; Table angle:87'

	Emission			Margin	Reading	Ant.	Cable	Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2412.00	93.27	114.00	20.73	59.54	31.50	2.23	Peak
2	4808.00	67.69	74.00	6.31	30.73	34.58	2.38	Peak
3	7239.00	49.16	74.00	24.84	9.78	36.85	2.53	Peak
4	11948.00	50.83	74.00	23.17	8.29	39.72	2.82	Peak



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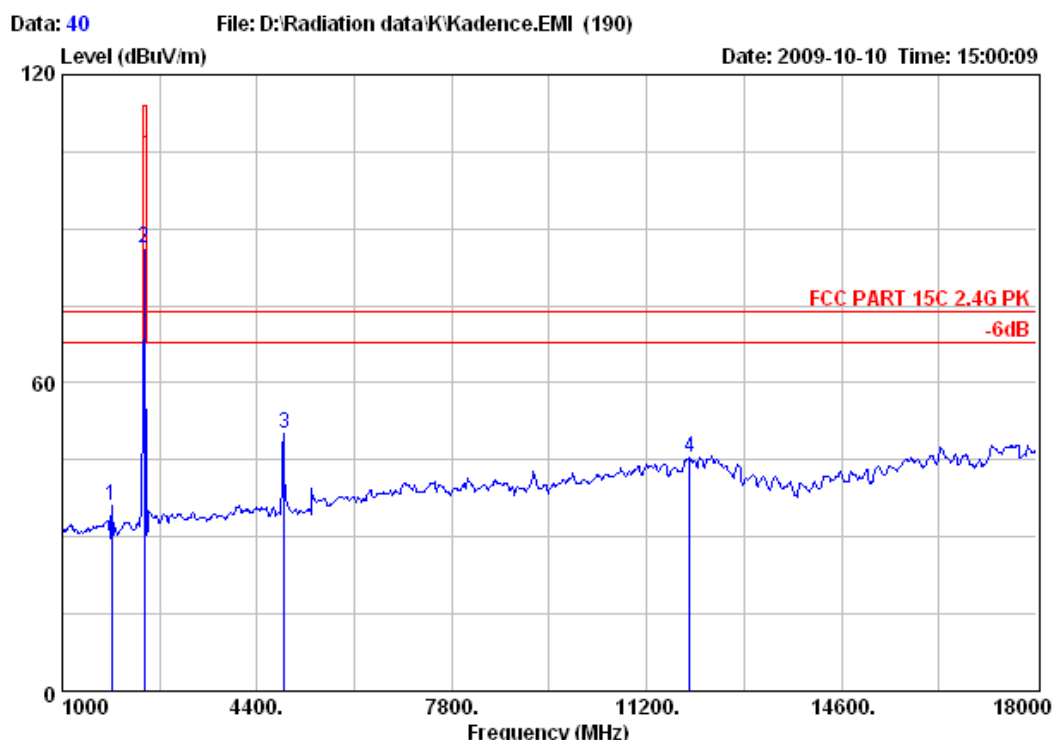
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Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:1.3m; Table angle:72'

	Emission			Margin	Reading	Ant.	Cable	Remark
	Freq.	Level	Limits			Factor	Loss	
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2437.00	90.62	114.00	23.38	56.85	31.54	2.23	Peak
2	4874.00	63.95	74.00	10.05	26.95	34.62	2.38	Peak
3	8633.00	45.45	74.00	28.55	5.88	36.95	2.62	Peak
4	11914.00	47.83	74.00	26.17	5.34	39.67	2.82	Peak



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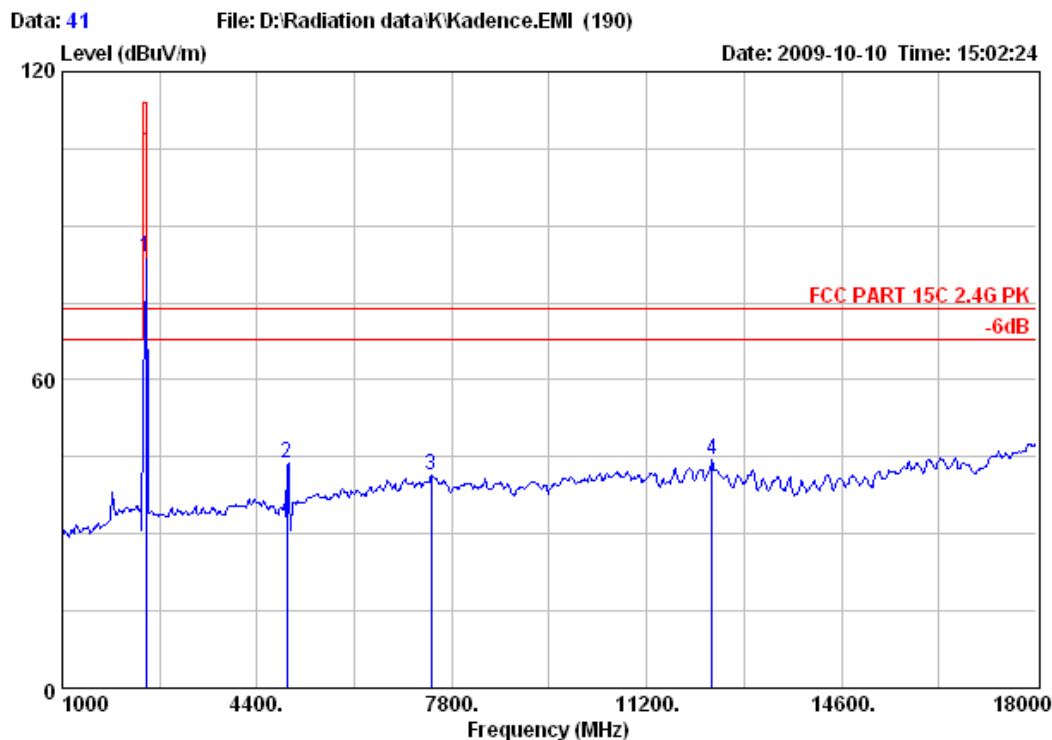
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EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:2.1m; Table angle:19'

Freq. (MHz)	Emission		Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Ant. Factor (dB/m)	Cable Loss (dB)	Remark
	Level (dBuV/m)							
1 1867.00	36.14		74.00	37.86	3.73	30.22	2.19	Peak
2 2437.00	86.29		114.00	27.71	52.52	31.54	2.23	Peak
3 4874.00	50.22		74.00	23.78	13.22	34.62	2.38	Peak
411948.00	45.36		74.00	28.64	2.82	39.72	2.82	Peak



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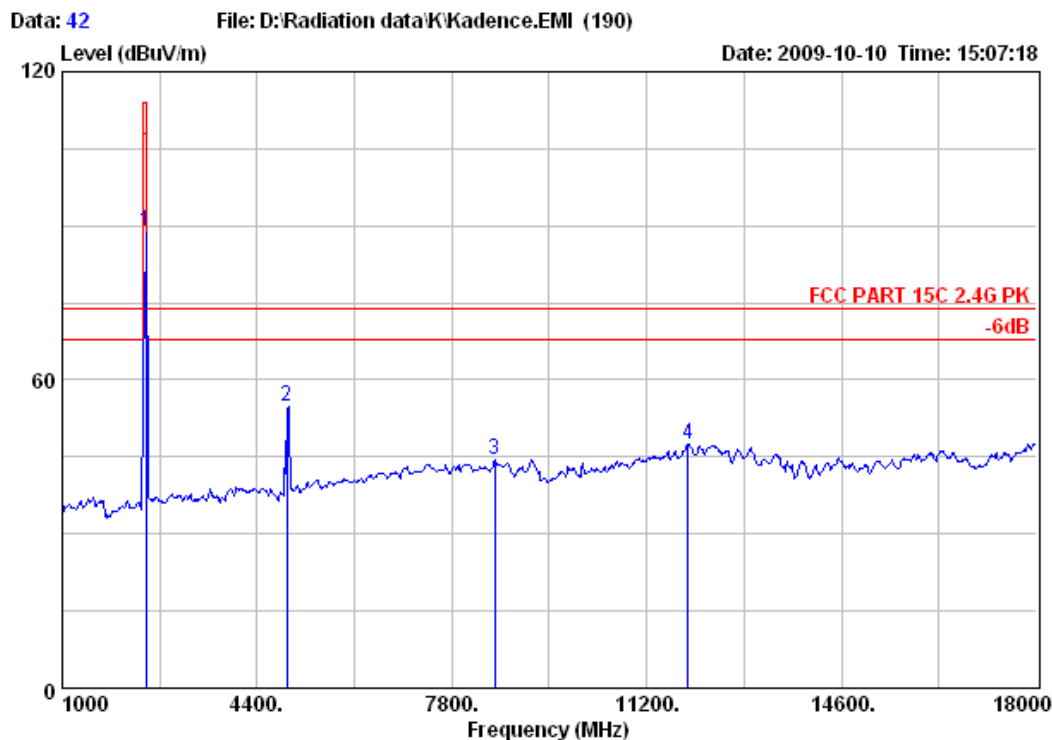
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Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:1.9m; Table angle:118'

	Emission			Margin	Reading	Ant. Cable		Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2462.00	83.79	114.00	30.21	50.00	31.56	2.23	Peak
2	4924.00	43.66	74.00	30.34	6.62	34.66	2.38	Peak
3	7443.00	41.45	74.00	32.55	2.10	36.81	2.54	Peak
4	12339.00	44.30	74.00	29.70	1.52	39.94	2.84	Peak



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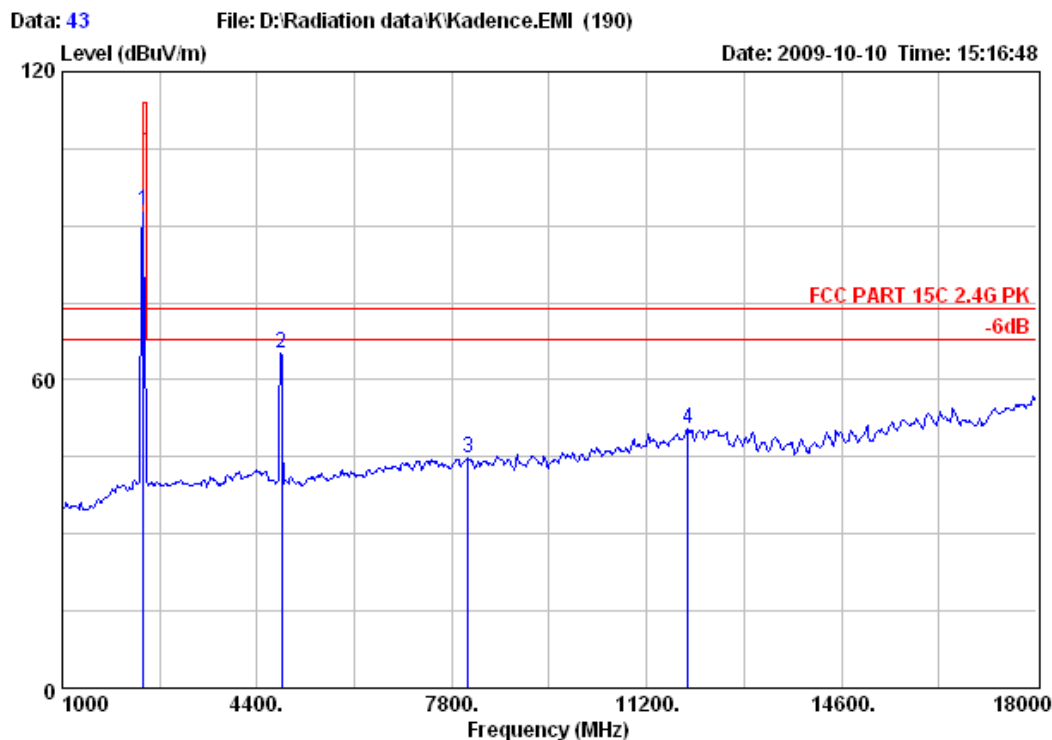
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Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:1.2m; Table angle:73'

	Emission			Margin	Reading	Ant. Cable		Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2462.00	88.79	114.00	25.21	55.00	31.56	2.23	Peak
2	4924.00	54.83	74.00	19.17	17.79	34.66	2.38	Peak
3	8548.00	44.47	74.00	29.53	4.94	36.92	2.61	Peak
4	11914.00	47.44	74.00	26.56	4.95	39.67	2.82	Peak



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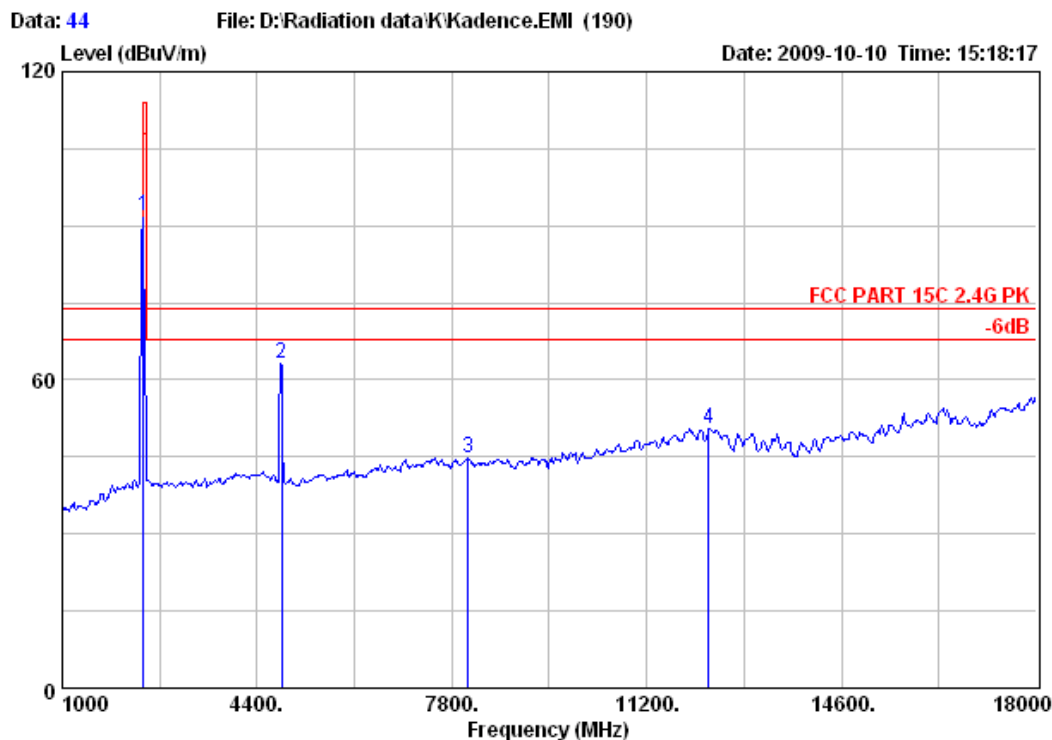
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EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:2.5m; Table angle:127'

	Emission		Margin	Reading	Ant. Factor	Cable Loss	Remark	
	Freq. (MHz)	Level (dBuV/m)						Limits (dBuV/m)
1	2412.00	93.09	114.00	20.91	59.36	31.50	2.23	Peak
2	4824.00	65.16	74.00	8.84	28.19	34.59	2.38	Peak
3	8089.00	44.71	74.00	29.29	5.15	36.98	2.58	Peak
4	11914.00	50.56	74.00	23.44	8.07	39.67	2.82	Peak



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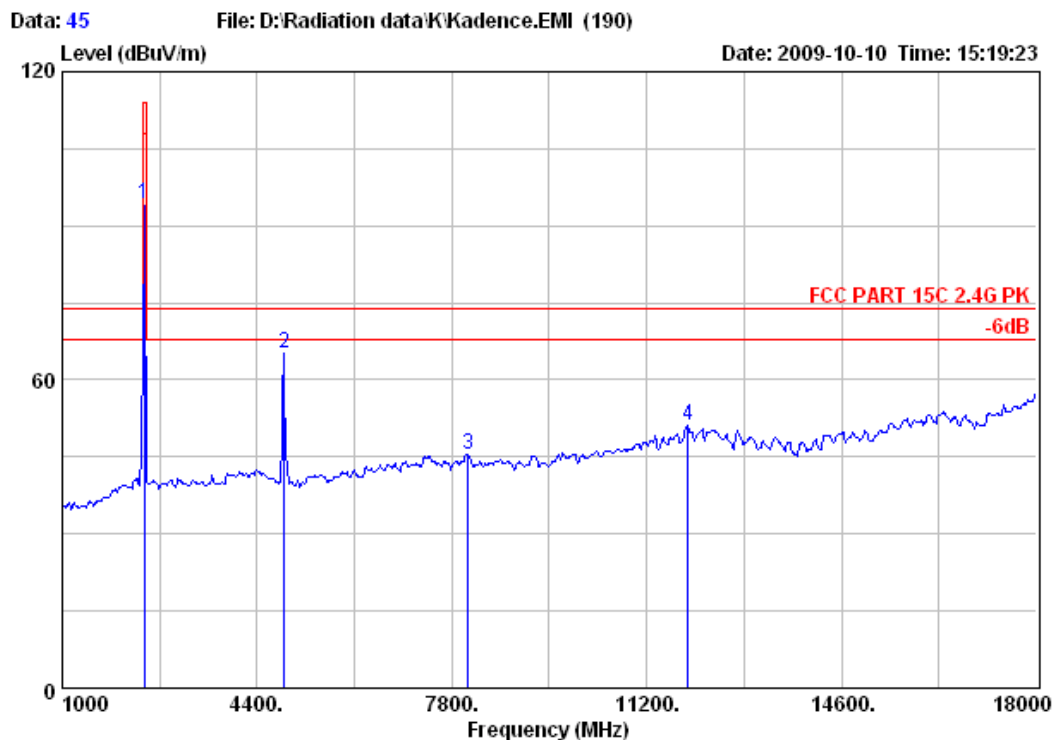
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Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:1.7m; Table angle:61'

	Freq.	Emission			Ant.	Cable	
	(MHz)	Level	Limits	Margin	Factor	Loss	Remark
		(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	
1	2412.00	91.76	114.00	22.24	31.50	2.23	Peak
2	4824.00	63.16	74.00	10.84	34.59	2.38	Peak
3	8089.00	44.78	74.00	29.22	36.98	2.58	Peak
4	12288.00	50.62	74.00	23.38	39.92	2.84	Peak



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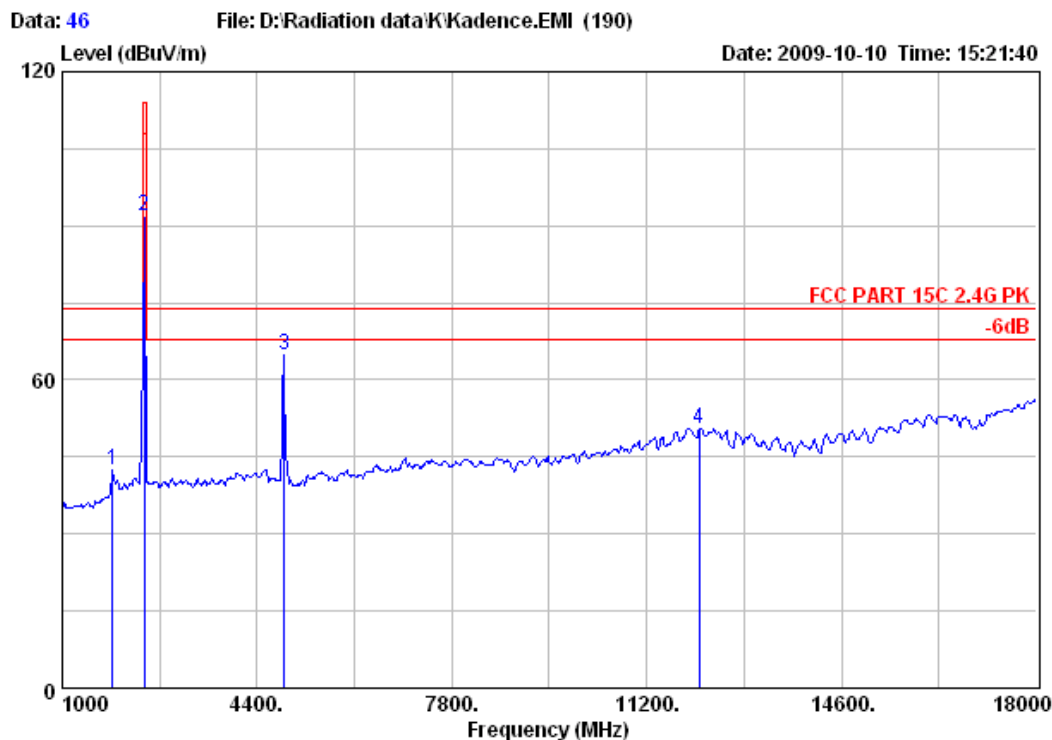
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Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:1.5m; Table angle:92'

	Emission			Margin	Reading	Ant.	Cable	Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2437.00	94.27	114.00	19.73	60.50	31.54	2.23	Peak
2	4874.00	65.02	74.00	8.98	28.02	34.62	2.38	Peak
3	8089.00	45.61	74.00	28.39	6.05	36.98	2.58	Peak
4	11914.00	51.05	74.00	22.95	8.56	39.67	2.82	Peak



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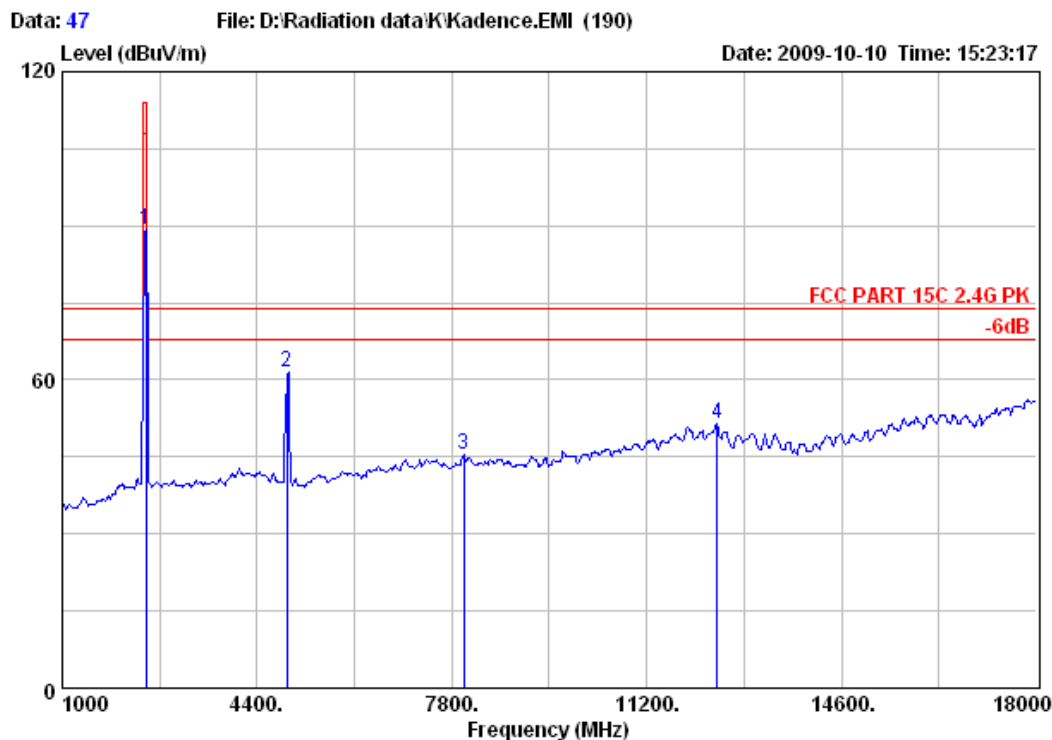
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Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:2.8m; Table angle:209'

	Emission			Margin	Reading	Ant.	Cable	Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	1884.00	42.57	74.00	31.43	10.04	30.34	2.19	Peak
2	2437.00	91.76	114.00	22.24	57.99	31.54	2.23	Peak
3	4874.00	64.98	74.00	9.02	27.98	34.62	2.38	Peak
4	4121.00	50.58	74.00	23.42	7.90	39.85	2.83	Peak



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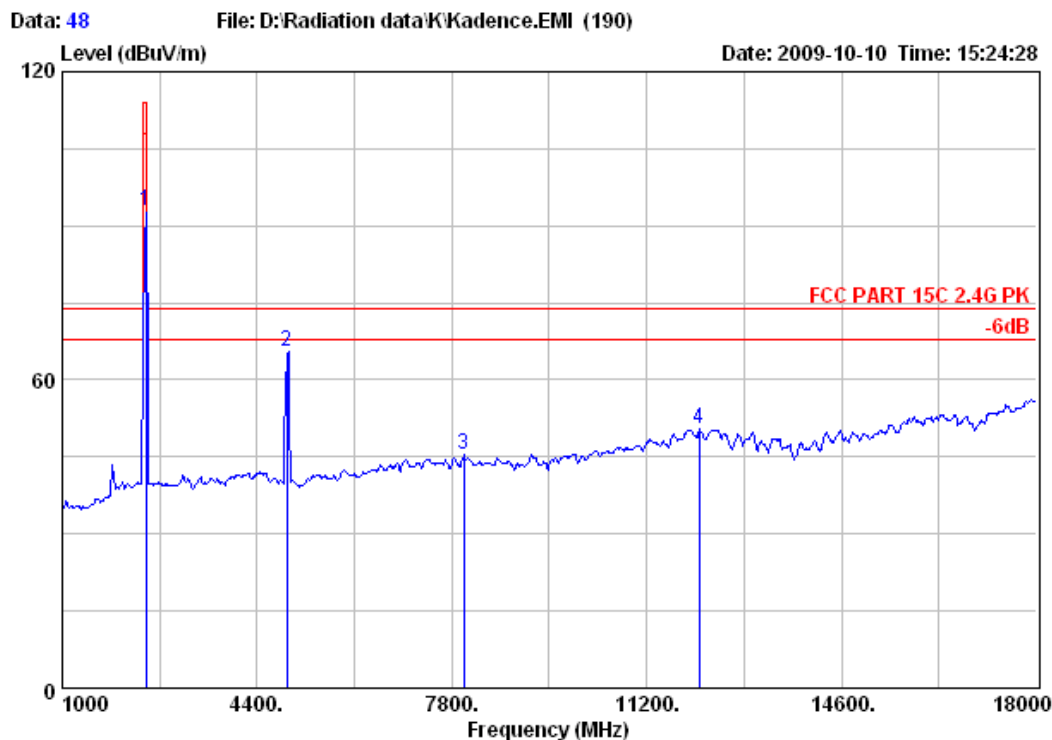
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Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:2.9m; Table angle:167'

	Emission			Margin	Reading	Ant. Cable		Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2462.00	89.27	114.00	24.73	55.48	31.56	2.23	Peak
2	4924.00	61.58	74.00	12.42	24.54	34.66	2.38	Peak
3	8004.00	45.46	74.00	28.54	5.88	37.00	2.58	Peak
4	12424.00	51.55	74.00	22.45	8.73	39.97	2.85	Peak



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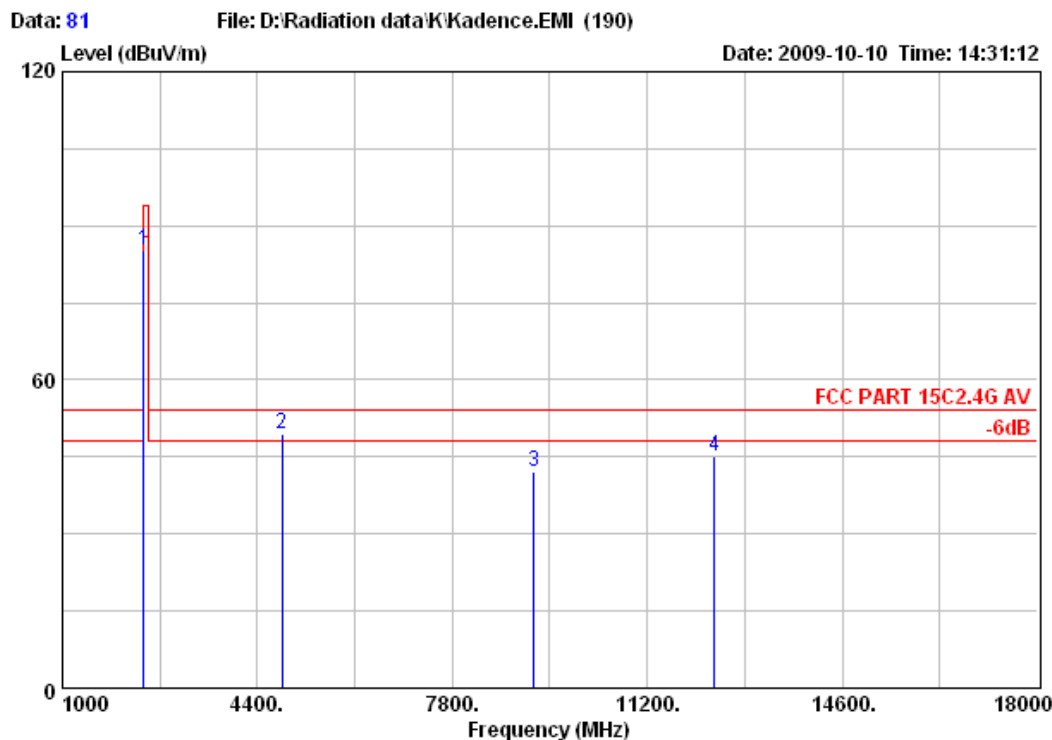
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Limit : FCC PART 15C 2.4G PK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:1.4m; Table angle:20°

	Emission			Margin	Reading	Ant. Cable		Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2462.00	92.81	114.00	21.19	59.02	31.56	2.23	Peak
2	4924.00	65.59	74.00	8.41	28.55	34.66	2.38	Peak
3	8004.00	45.30	74.00	28.70	5.72	37.00	2.58	Peak
4	12118.00	50.32	74.00	23.68	7.64	39.85	2.83	Peak



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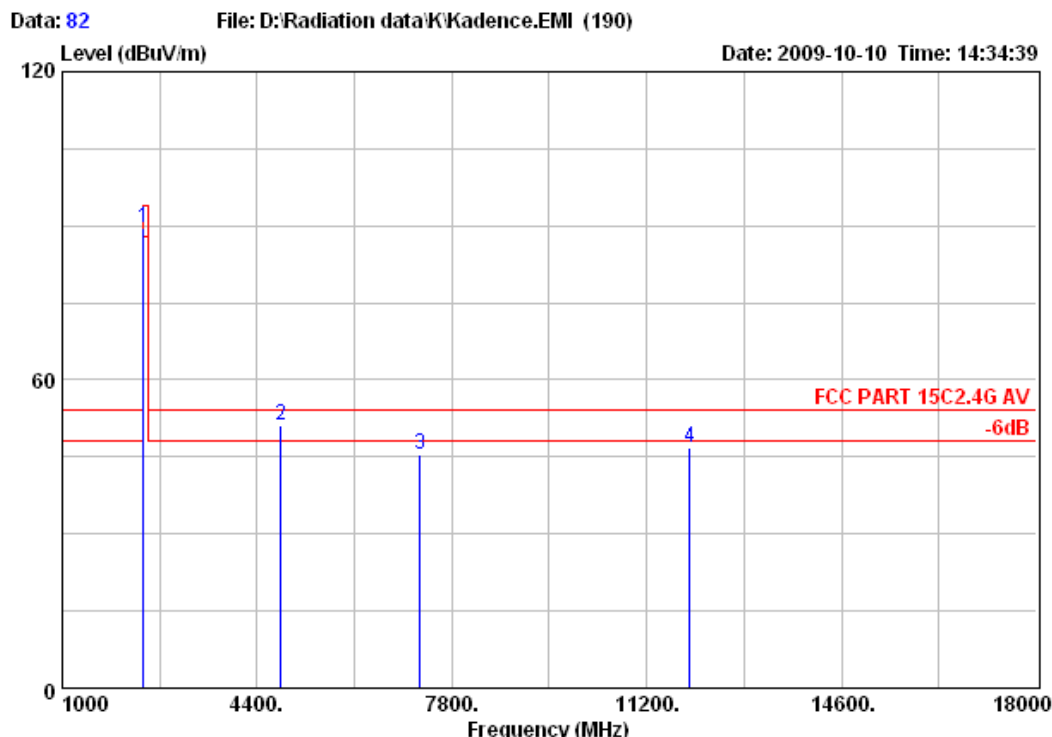
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Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:2.6m; Table angle:136'

	Emission				Ant.	Cable	
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2412.00	85.57	94.00	8.73	51.54	31.50	2.23	Average
2 4824.00	49.36	54.00	4.64	12.39	34.59	2.38	Average
3 9228.00	42.04	54.00	11.96	2.11	37.28	2.65	Average
412373.00	45.24	54.00	8.76	2.45	39.95	2.84	Average



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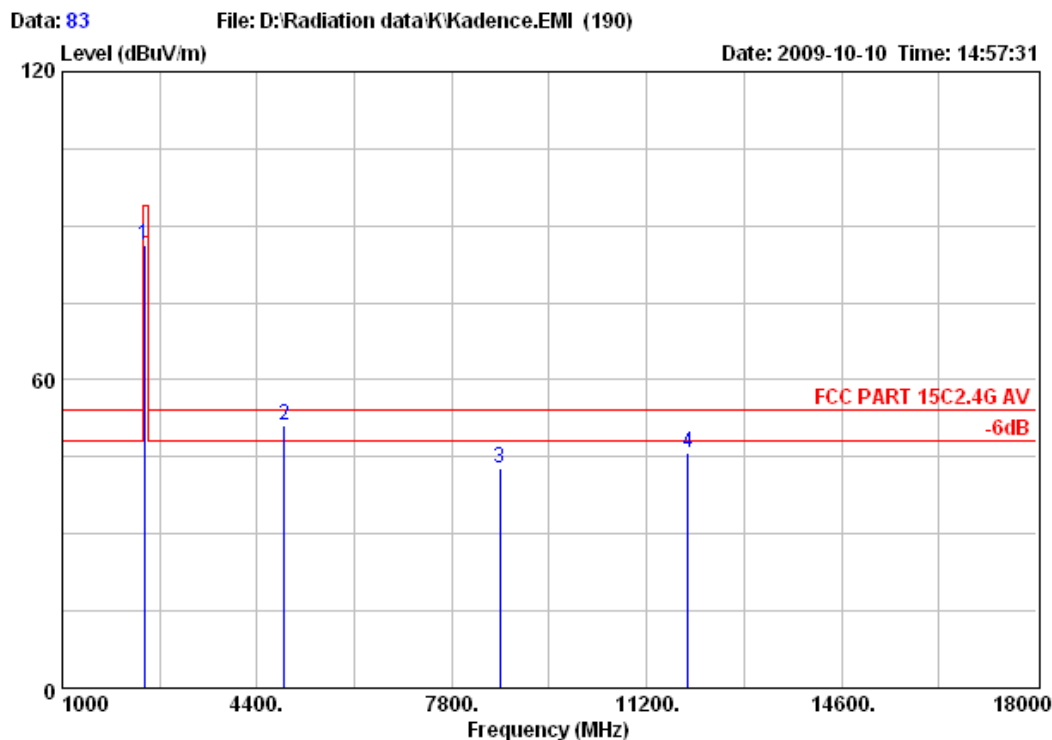
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Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:1.4m; Table angle:87'

		Emission				Ant.	Cable	
Freq.	Level	Limits	Margin	Reading	Factor	Loss		Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)		
1 2412.00	89.68	94.00	4.32	55.95	31.50	2.23		Average
2 4808.00	51.03	54.00	2.97	14.07	34.58	2.38		Average
3 7239.00	45.56	54.00	8.44	6.18	36.85	2.53		Average
4 11948.00	46.83	54.00	7.17	4.29	39.72	2.82		Average



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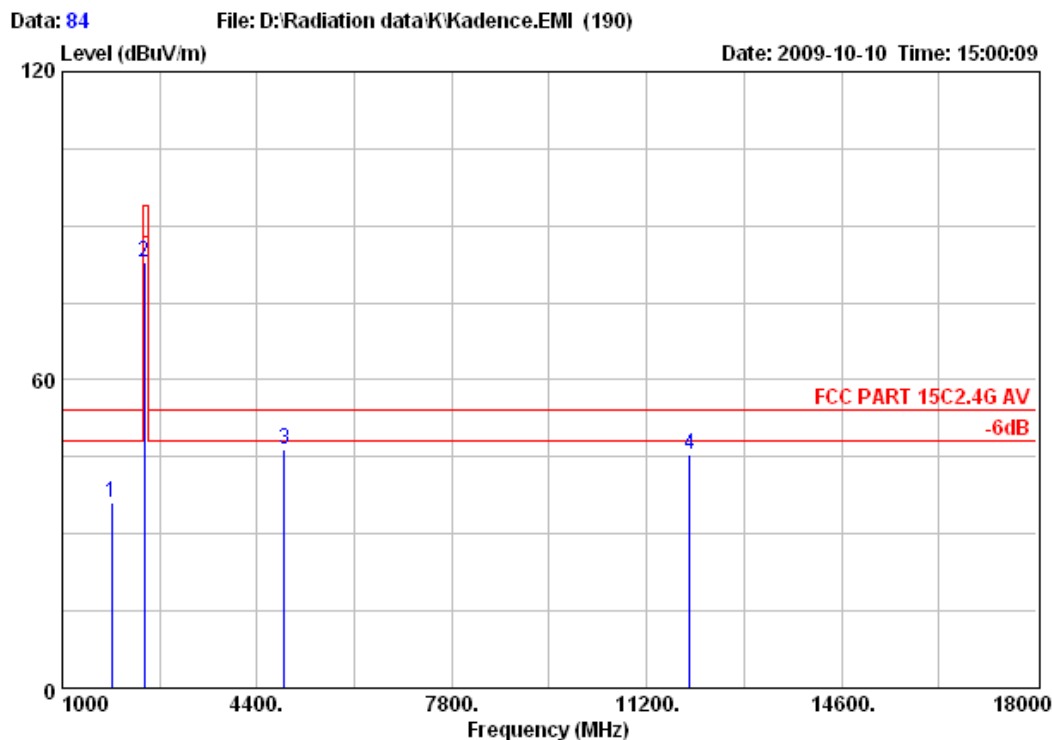
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Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:1.3m; Table angle:72'

	Emission				Ant. Cable		
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2437.00	86.26	94.00	7.74	52.49	31.54	2.23	Average
2 4874.00	51.16	54.00	2.84	14.16	34.62	2.38	Average
3 8633.00	42.63	54.00	11.37	3.06	36.95	2.62	Average
4 11914.00	45.67	54.00	8.33	3.18	39.67	2.82	Average



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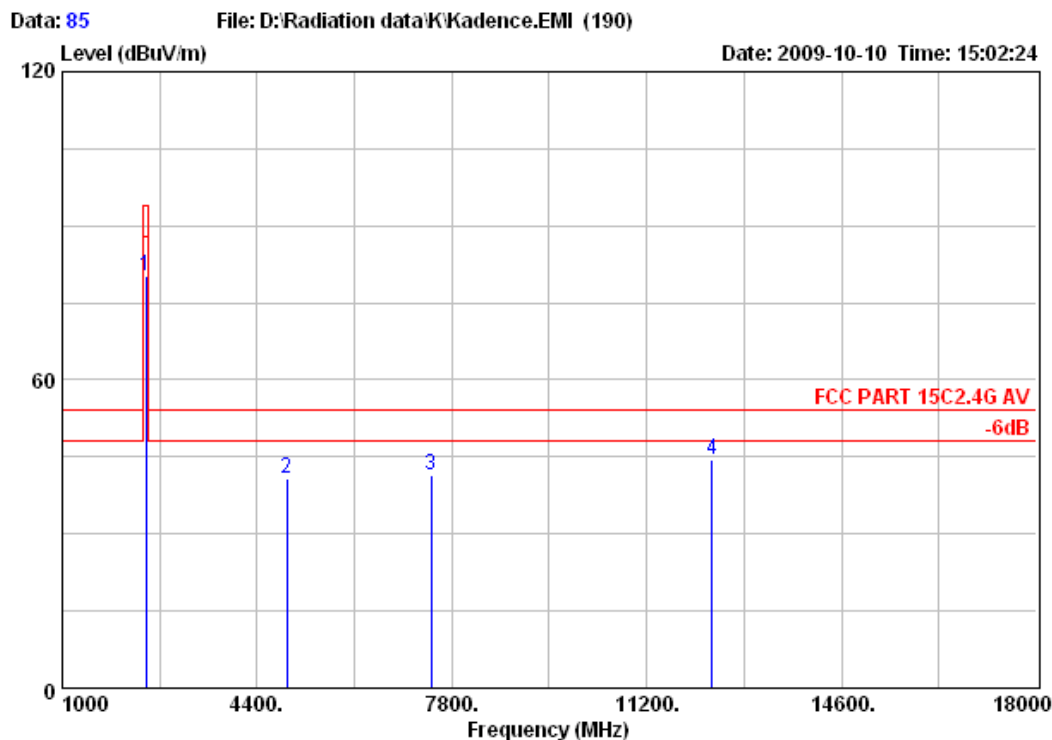
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Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:2.1m; Table angle:19'

	Emission				Ant. Cable		
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 1867.00	36.14	54.00	17.86	3.73	30.22	2.19	Average
2 2437.00	82.93	94.00	11.07	49.16	31.54	2.23	Average
3 4874.00	46.36	54.00	7.64	9.36	34.62	2.38	Average
4 11948.00	45.36	54.00	8.64	2.82	39.72	2.82	Average



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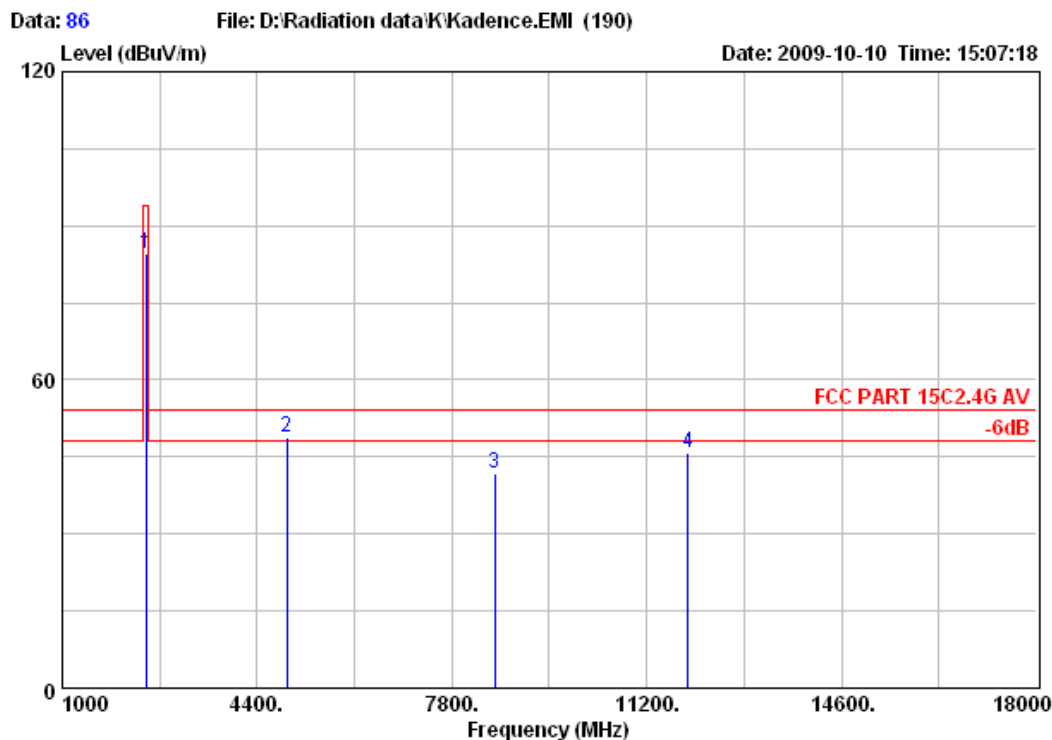
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Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:1.9m; Table angle:118'

Freq. (MHz)	Emission		Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Ant. Cable		Remark
	Level (dBuV/m)					Factor (dB/m)	Loss (dB)	
1 2462.00	80.24		94.00	13.76	46.45	31.56	2.23	Average
2 4924.00	40.90		54.00	13.10	3.86	34.66	2.38	Average
3 7443.00	41.45		54.00	12.55	2.10	36.81	2.54	Average
4 11233.00	44.30		54.00	9.70	1.52	39.94	2.84	Average



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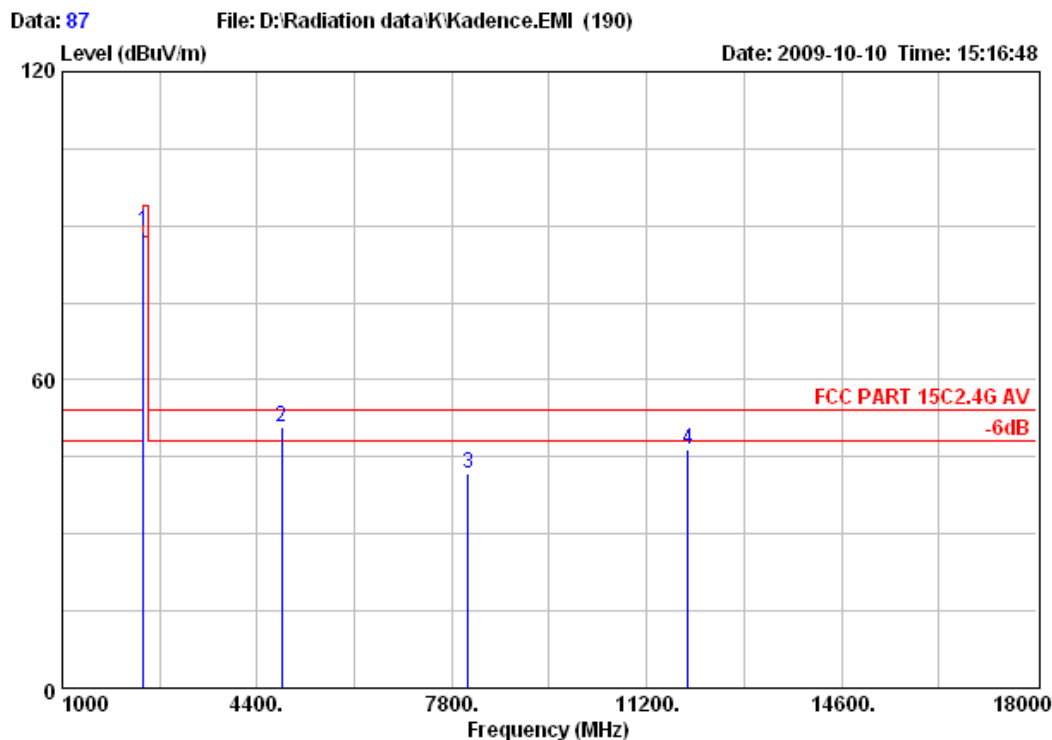
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Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11b CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:1.2m; Table angle:73'

	Freq.	Emission	Limits	Margin	Reading	Ant.	Cable	
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	Remark
1	2462.00	84.68	94.00	9.32	50.89	31.56	2.23	Average
2	4924.00	48.86	54.00	5.14	11.82	34.66	2.38	Average
3	8548.00	41.71	54.00	12.29	2.18	36.92	2.61	Average
4	11914.00	45.74	54.00	8.26	3.25	39.67	2.82	Average



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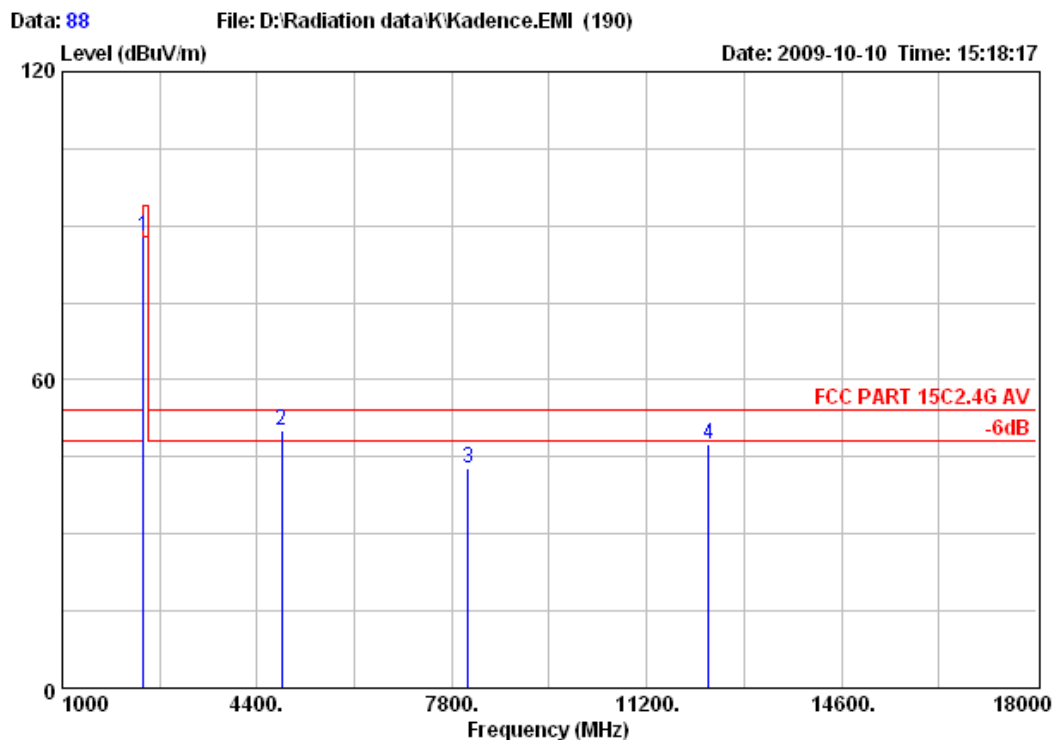
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Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:2.5m; Table angle:127'

	Emission				Ant.	Cable	
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2412.00	89.02	94.00	4.98	55.29	31.50	2.23	Average
2 4824.00	50.82	54.00	3.18	13.85	34.59	2.38	Average
3 8089.00	41.75	54.00	12.25	2.19	36.98	2.58	Average
4 11914.00	46.32	54.00	7.68	3.83	39.67	2.82	Average



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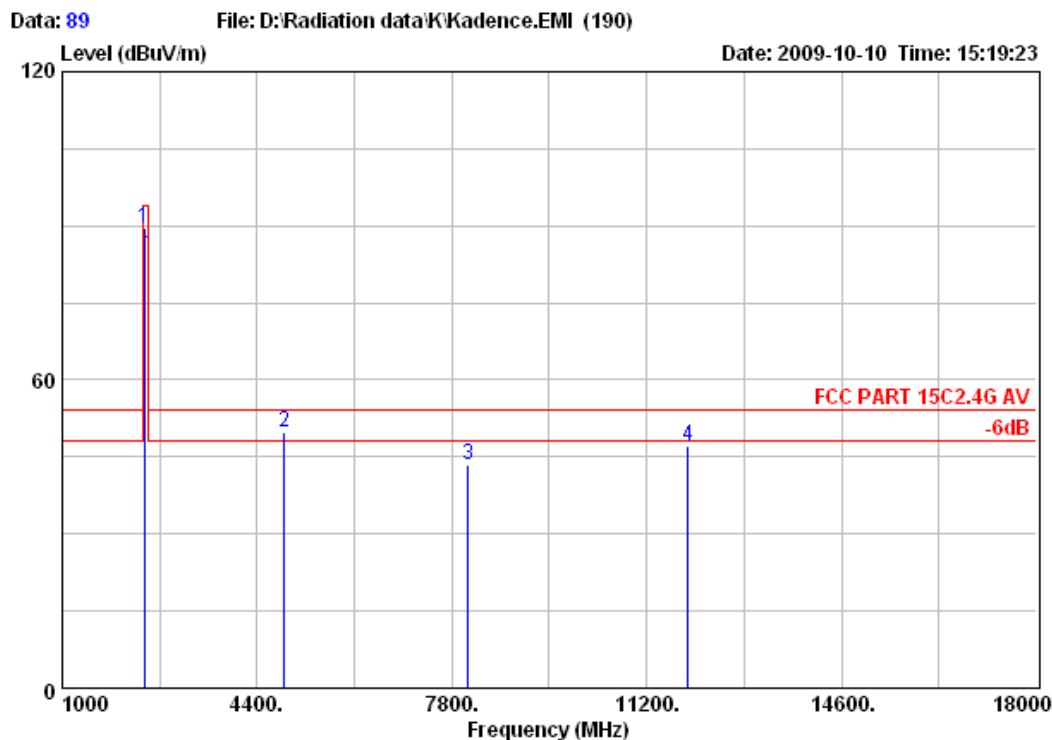
Test Site : 966 Chamber
Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH1 2412MHz
AUX IN1(Playing with rock music)
Ant high:1.7m; Table angle:61'

	Emission				Ant.	Cable	
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2412.00	87.92	94.00	6.08	54.19	31.50	2.23	Average
2 4824.00	50.18	54.00	3.82	13.21	34.59	2.38	Average
3 8089.00	42.62	54.00	11.38	3.06	36.98	2.58	Average
412288.00	47.50	54.00	6.50	4.74	39.92	2.84	Average



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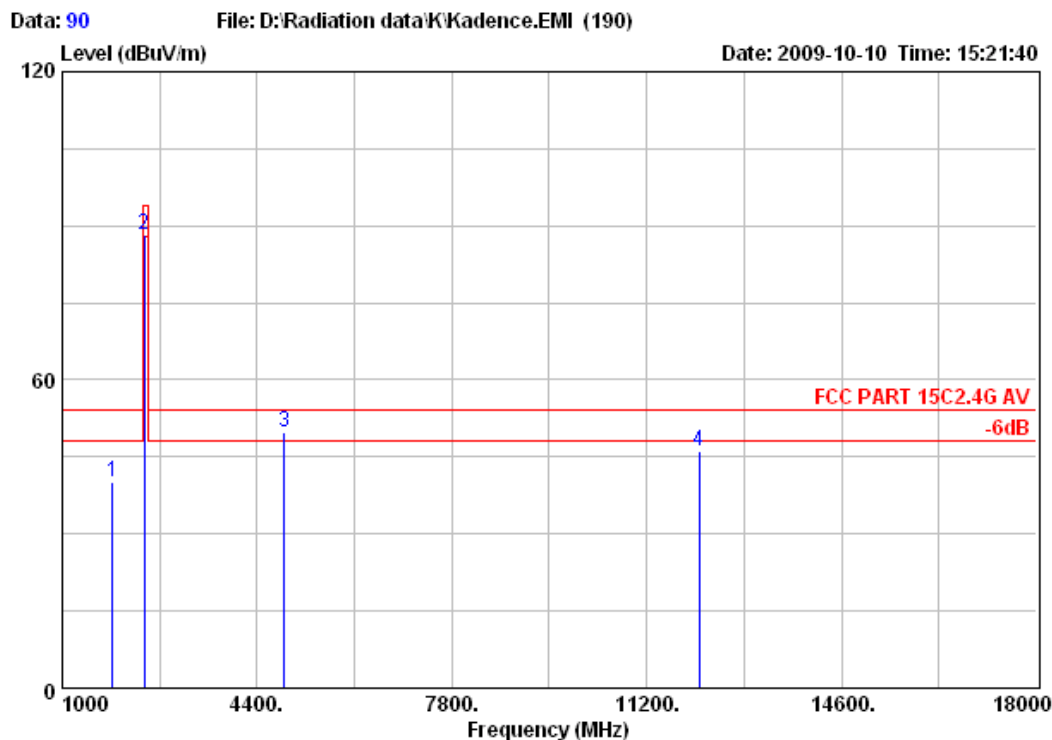
Test Site : 966 Chamber
Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:1.5m; Table angle:92'

	Emission				Ant.	Cable	
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2437.00	89.52	94.00	4.48	55.75	31.54	2.23	Average
2 4874.00	49.91	54.00	4.09	12.91	34.62	2.38	Average
3 8089.00	43.40	54.00	10.60	3.84	36.98	2.58	Average
4 11914.00	47.23	54.00	6.77	4.74	39.67	2.82	Average



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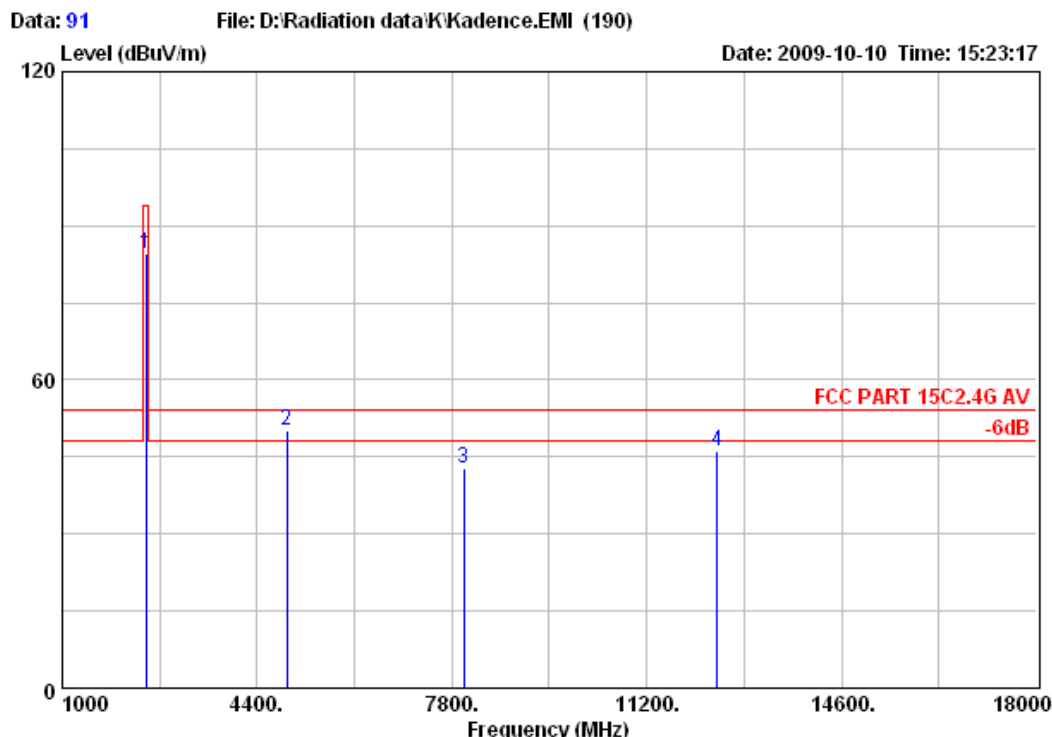
Test Site : 966 Chamber
Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH6 2437MHz
AUX IN1(Playing with rock music)
Ant high:2.8m; Table angle:209'

	Freq. (MHz)	Emission		Margin (dB)	Reading (dBuV)	Ant.	Cable	Remark
		Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	1884.00	40.16	54.00	13.84	7.63	30.34	2.19	Average
2	2437.00	88.27	94.00	5.73	54.50	31.54	2.23	Average
3	4874.00	49.82	54.00	4.18	12.82	34.62	2.38	Average
4	12118.00	46.10	54.00	7.90	3.42	39.85	2.83	Average



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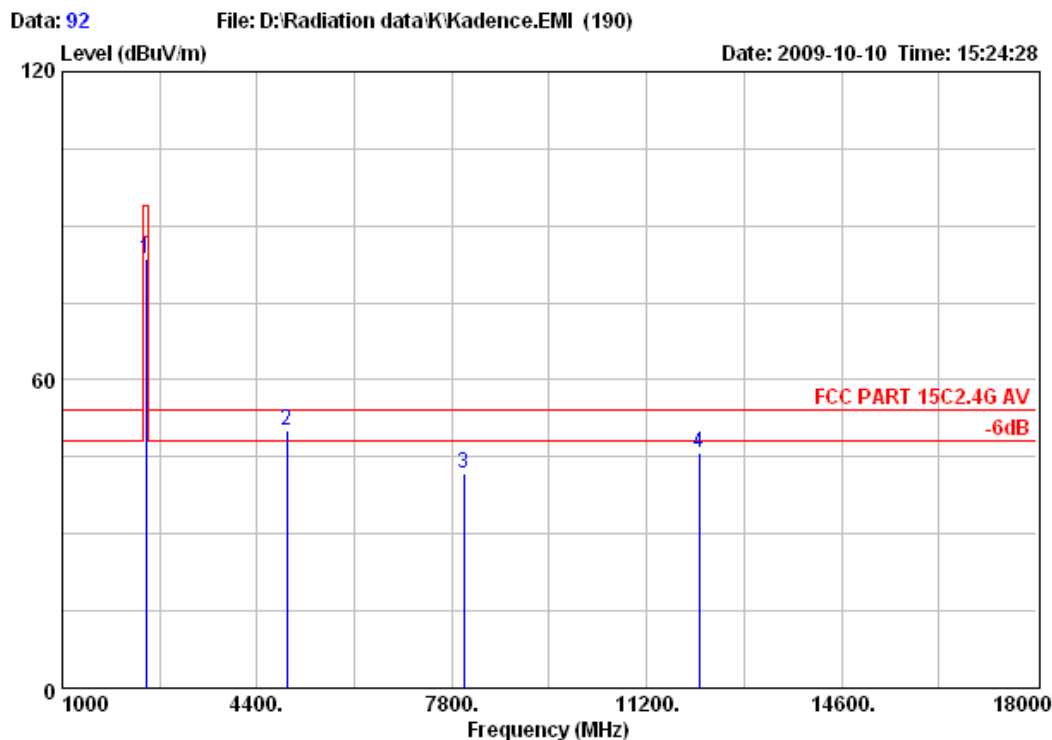
Test Site : 966 Chamber
Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:2.9m; Table angle:167'

	Emission				Ant. Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor (dB/m)	Loss (dB)	Remark
1 2462.00	84.57	94.00	9.43	50.78	31.56	2.23	Average
2 4924.00	50.28	54.00	3.72	13.24	34.66	2.38	Average
3 8004.00	42.83	54.00	11.17	3.25	37.00	2.58	Average
4 12424.00	46.01	54.00	7.99	3.19	39.97	2.85	Average



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Test Site : 966 Chamber
Limit : FCC PART 15C2.4G AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : TX 802.11g CH11 2462MHz
AUX IN1(Playing with rock music)
Ant high:1.4m; Table angle:201'

Freq. (MHz)	Emission		Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Ant.	Cable	Remark
	Level (dBuV/m)					Factor (dB/m)	Loss (dB)	
1 2462.00	83.71	94.00	10.29	49.92	31.56	2.23	Average	
2 4924.00	50.26	54.00	3.74	13.22	34.66	2.38	Average	
3 8004.00	41.93	54.00	12.07	2.35	37.00	2.58	Average	
4 12118.00	45.93	54.00	8.07	3.25	39.85	2.83	Average	

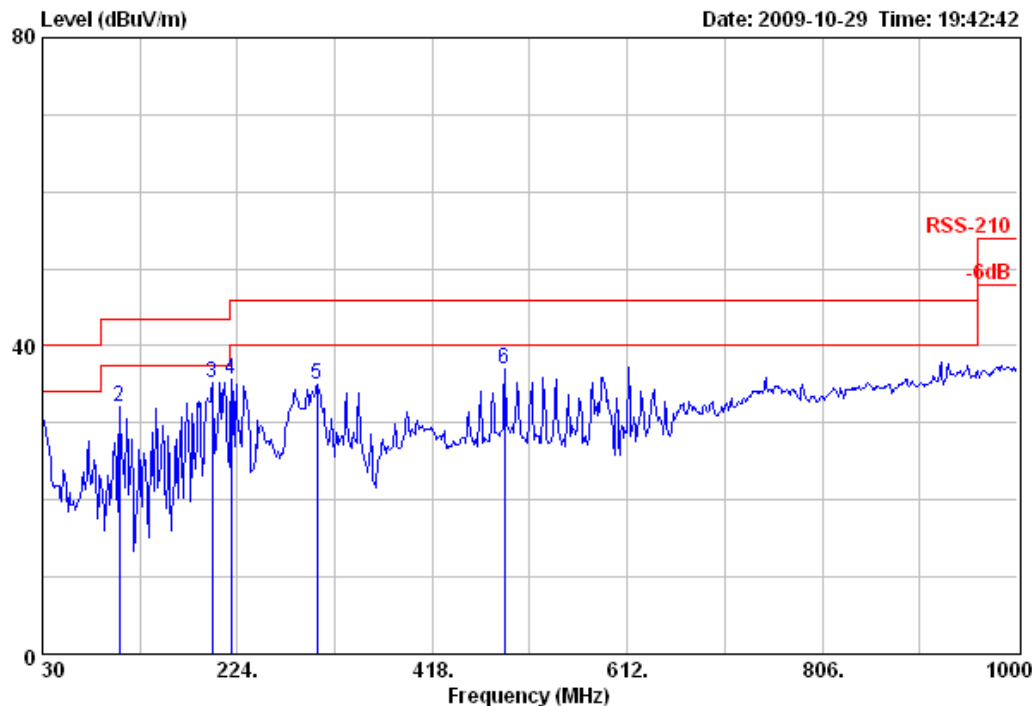


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Data: 161 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 19:42:42



Test Site : 966 Chamber
Limit : RSS-210
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11b)
Ant high:1.6m; Table angle:267'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	30.00	30.69	40.00	9.31	9.11	21.00	0.58	QP
2	106.63	32.00	43.50	11.50	20.07	10.84	1.09	QP
3	198.78	35.21	43.50	8.29	25.43	8.26	1.52	QP
4	218.18	35.72	46.00	10.28	24.50	9.62	1.60	QP
5	303.54	34.99	46.00	11.01	19.48	13.62	1.89	QP
6	489.78	36.95	46.00	9.05	16.22	18.30	2.43	QP

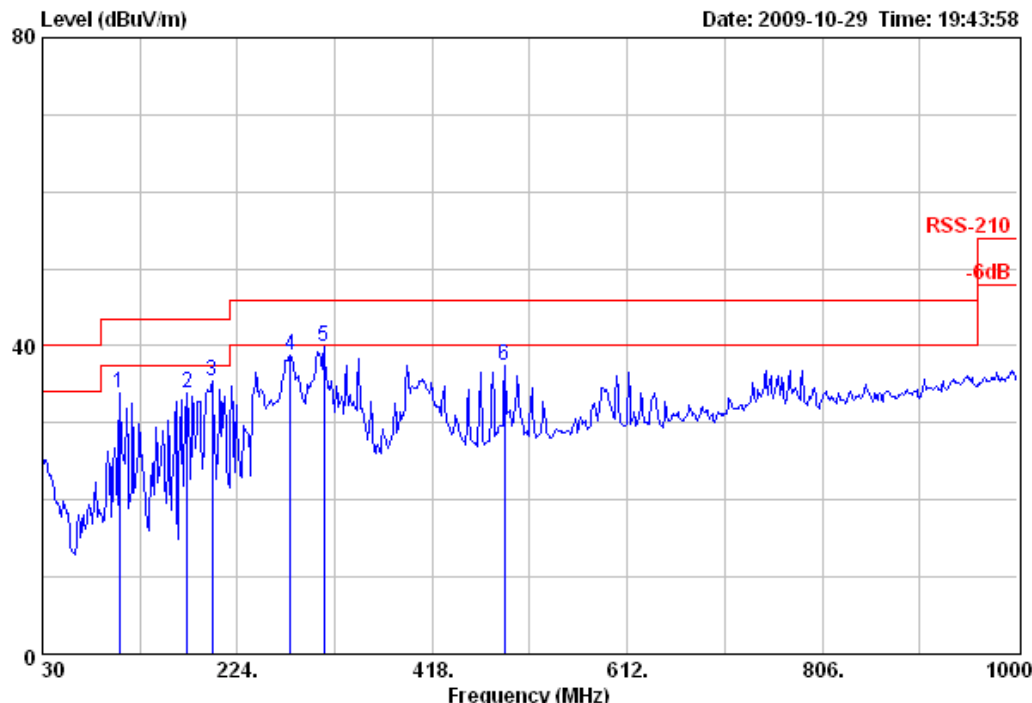


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Data: 162 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 19:43:58



Test Site : 966 Chamber
Limit : RSS-210
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11b)
Ant high:2.3m; Table angle:85'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	106.63	33.88	43.50	9.62	21.95	10.84	1.09	QP
2	174.53	33.80	43.50	9.70	22.54	9.84	1.42	QP
3	198.78	35.33	43.50	8.17	25.55	8.26	1.52	QP
4	276.38	38.86	46.00	7.14	24.25	12.81	1.80	QP
5	310.33	39.79	46.00	6.21	24.05	13.82	1.92	QP
6	489.78	37.33	46.00	8.67	16.60	18.30	2.43	QP

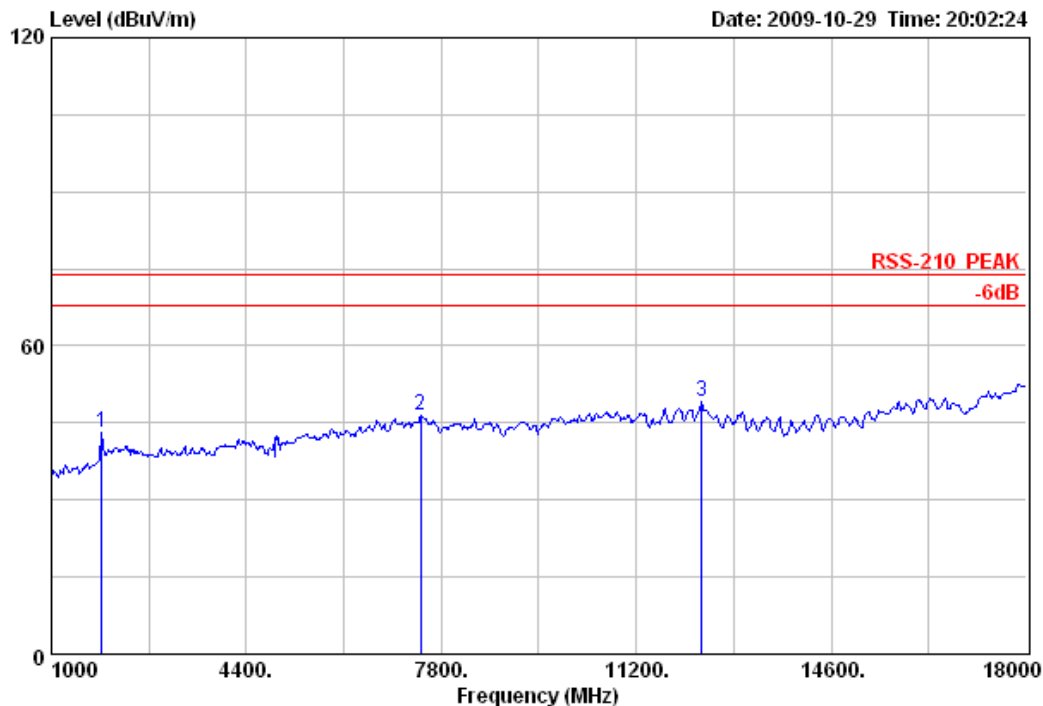


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Data: 163 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 20:02:24



Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11b)
Ant high:1.8m; Table angle:123'

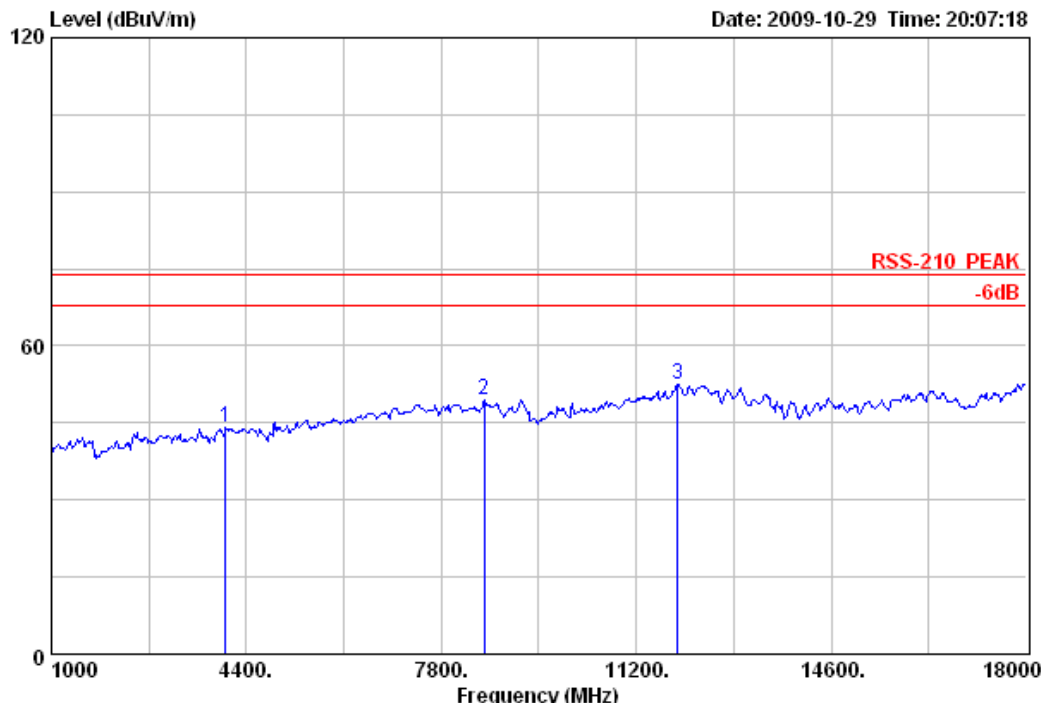
Freq. (MHz)	Emission		Margin (dB)	Reading (dBuV)	Ant. Factor (dB/m)	Cable Loss (dB)	Remark
	Level (dBuV/m)	Limits (dBuV/m)					
1 1884.00	43.12	74.00	30.88	10.59	30.34	2.19	Peak
2 7443.00	46.45	74.00	27.55	7.10	36.81	2.54	Peak
3 12339.00	49.30	74.00	24.70	6.52	39.94	2.84	Peak



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Data: 164 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11b)
Ant high:1.6m; Table angle:91'

	Emission					Ant.	Cable	
Freq.	Level	Limits	Margin	Reading	Factor	Loss		Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)		
1 4043.00	44.05	74.00	29.95	7.97	33.75	2.33		Peak
2 8548.00	49.47	74.00	24.53	9.94	36.92	2.61		Peak
3 11914.00	52.44	74.00	21.56	9.95	39.67	2.82		Peak

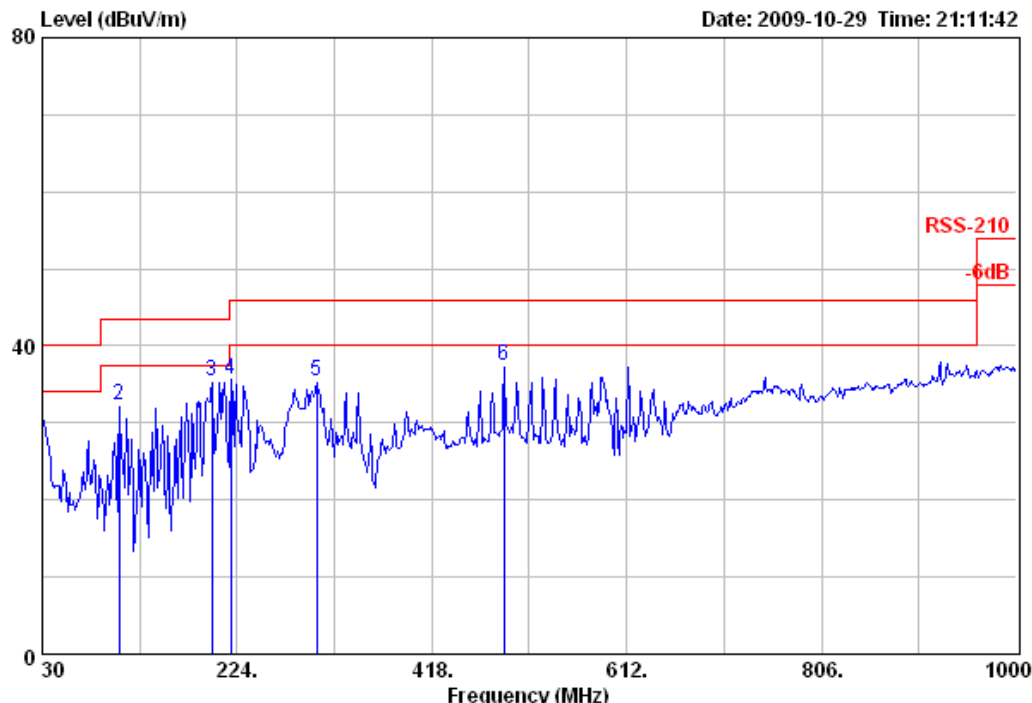


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Data: 191 File: D:\Radiation data\K\Kadence.EMI (194)

Date: 2009-10-29 Time: 21:11:42



Test Site : 966 Chamber
Limit : RSS-210
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11g)
Ant high:1.6m; Table angle:267'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	30.00	30.27	40.00	9.73	8.69	21.00	0.58	QP
2	106.63	32.29	43.50	11.21	20.36	10.84	1.09	QP
3	198.78	35.42	43.50	8.08	25.64	8.26	1.52	QP
4	218.18	35.72	46.00	10.28	24.50	9.62	1.60	QP
5	303.54	35.37	46.00	10.63	19.86	13.62	1.89	QP
6	489.78	37.37	46.00	8.63	16.64	18.30	2.43	QP

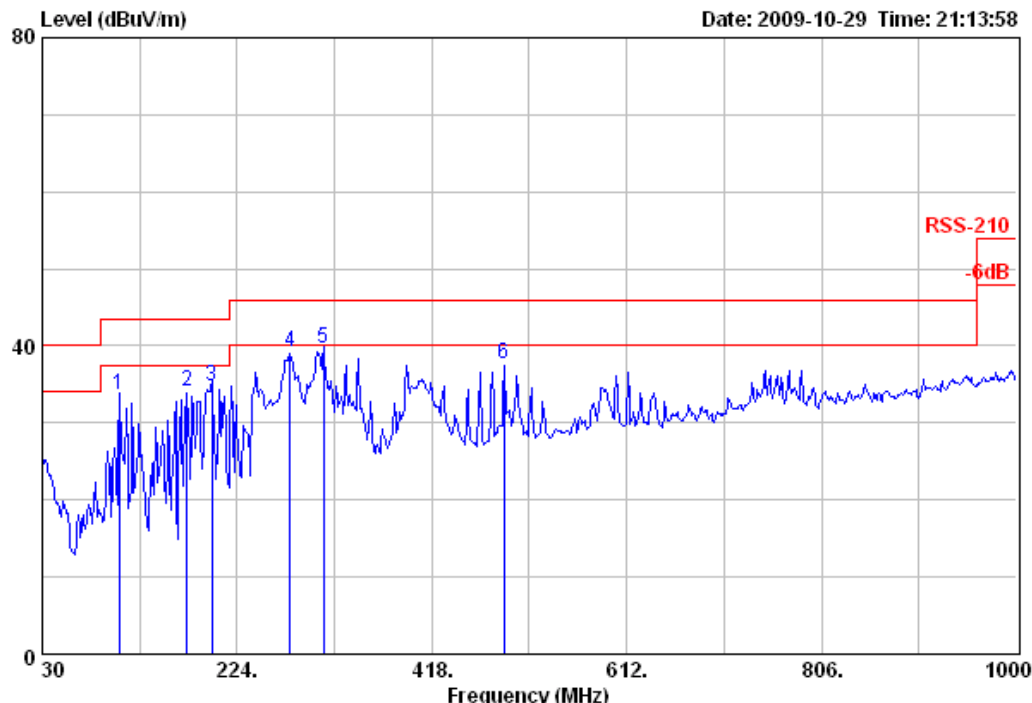


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Data: 192 File: D:\Radiation data\K\Kadence.EMI (194)

Date: 2009-10-29 Time: 21:13:58



Test Site : 966 Chamber
Limit : RSS-210
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11g)
Ant high:2.3m; Table angle:85'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	106.63	33.61	43.50	9.89	21.68	10.84	1.09	QP
2	174.53	34.13	43.50	9.37	22.87	9.84	1.42	QP
3	198.78	34.87	43.50	8.63	25.09	8.26	1.52	QP
4	276.38	39.13	46.00	6.87	24.52	12.81	1.80	QP
5	310.33	39.66	46.00	6.34	23.92	13.82	1.92	QP
6	489.78	37.60	46.00	8.40	16.87	18.30	2.43	QP

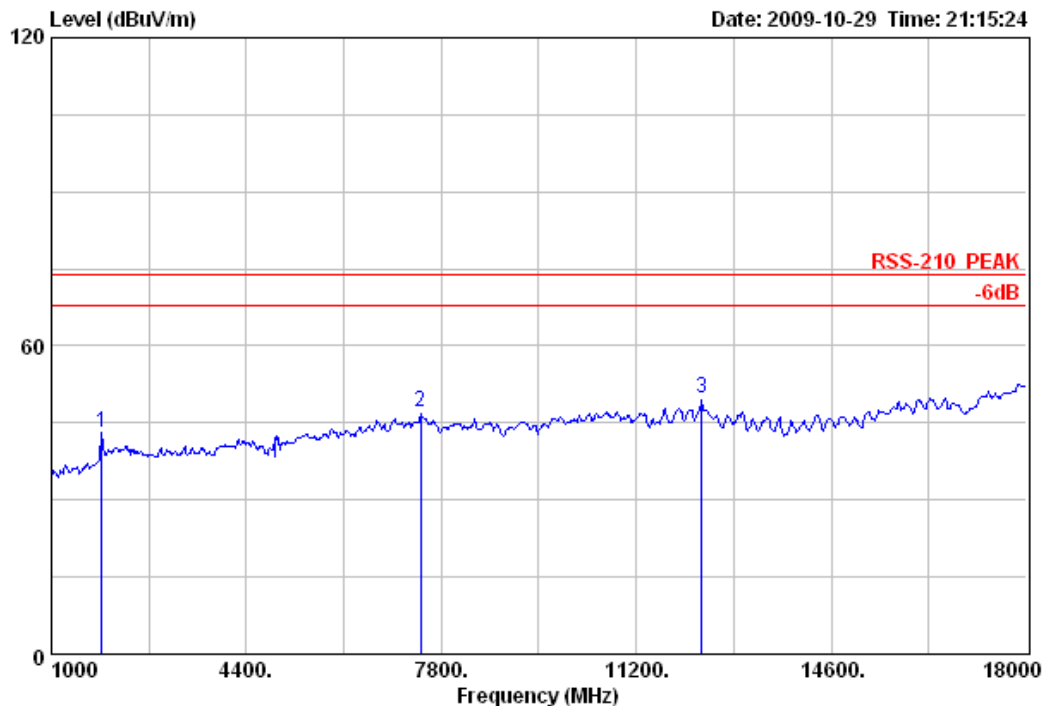


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Data: 193 File: D:\Radiation data\K\Kadence.EMI (194)

Date: 2009-10-29 Time: 21:15:24



Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11g)
Ant high:1.8m; Table angle:123'

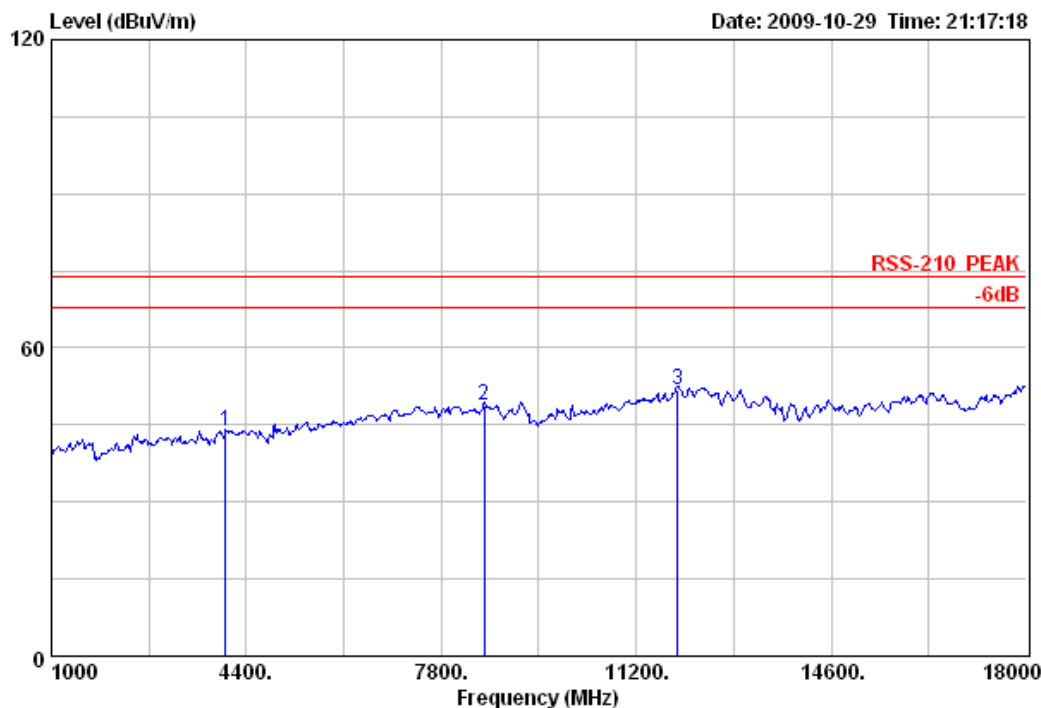
Freq. (MHz)	Emission		Margin (dB)	Reading (dBuV)	Ant. Factor (dB/m)	Cable Loss (dB)	Remark
	Level (dBuV/m)	Limits (dBuV/m)					
1 1884.00	43.21	74.00	30.79	10.68	30.34	2.19	Peak
2 7443.00	47.21	74.00	26.79	7.86	36.81	2.54	Peak
3 12339.00	49.64	74.00	24.36	6.86	39.94	2.84	Peak



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Data: 194 File: D:\Radiation data\K\Kadence.EMI (194)



Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(802.11g)
Ant high:1.6m; Table angle:91'

Freq. (MHz)	Emission		Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Ant. Cable		Remark
	Level (dBuV/m)					Factor (dB/m)	Loss (dB)	
1 4043.00	43.76		74.00	30.24	7.68	33.75	2.33	Peak
2 8548.00	48.68		74.00	25.32	9.15	36.92	2.61	Peak
3 11914.00	51.77		74.00	22.23	9.28	39.67	2.82	Peak

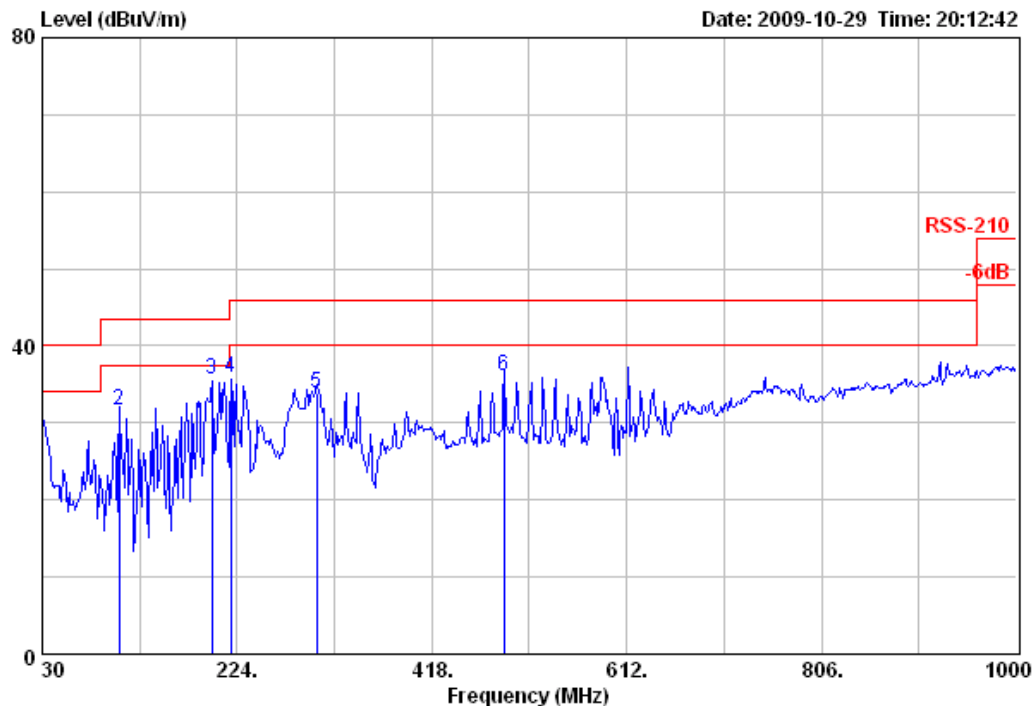


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Data: 187 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 20:12:42



Test Site : 966 Chamber
Limit : RSS-210
Dis. / Ant. : 3m 25758-3 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(908MHz)
Ant high:1.6m; Table angle:267'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	30.00	29.94	40.00	10.06	8.36	21.00	0.58	QP
2	106.63	31.56	43.50	11.94	19.63	10.84	1.09	QP
3	198.78	35.64	43.50	7.86	25.86	8.26	1.52	QP
4	218.18	35.85	46.00	10.15	24.63	9.62	1.60	QP
5	303.54	33.76	46.00	12.24	18.25	13.62	1.89	QP
6	489.78	36.11	46.00	9.89	15.38	18.30	2.43	QP

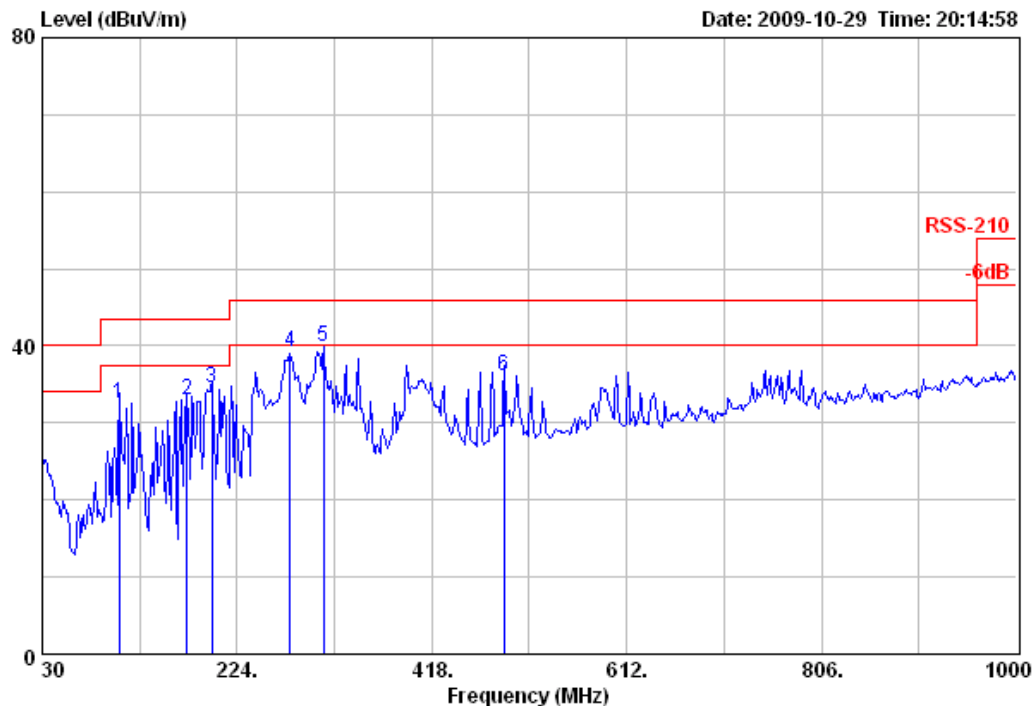


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Data: 188 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 20:14:58



Test Site : 966 Chamber
Limit : RSS-210
Dis. / Ant. : 3m 25758-3 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(908MHz)
Ant high:2.3m; Table angle:85'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	106.63	32.61	43.50	10.89	20.68	10.84	1.09	QP
2	174.53	32.94	43.50	10.56	21.68	9.84	1.42	QP
3	198.78	34.46	43.50	9.04	24.68	8.26	1.52	QP
4	276.38	39.15	46.00	6.85	24.54	12.81	1.80	QP
5	310.33	39.92	46.00	6.08	24.18	13.82	1.92	QP
6	489.78	36.09	46.00	9.91	15.36	18.30	2.43	QP

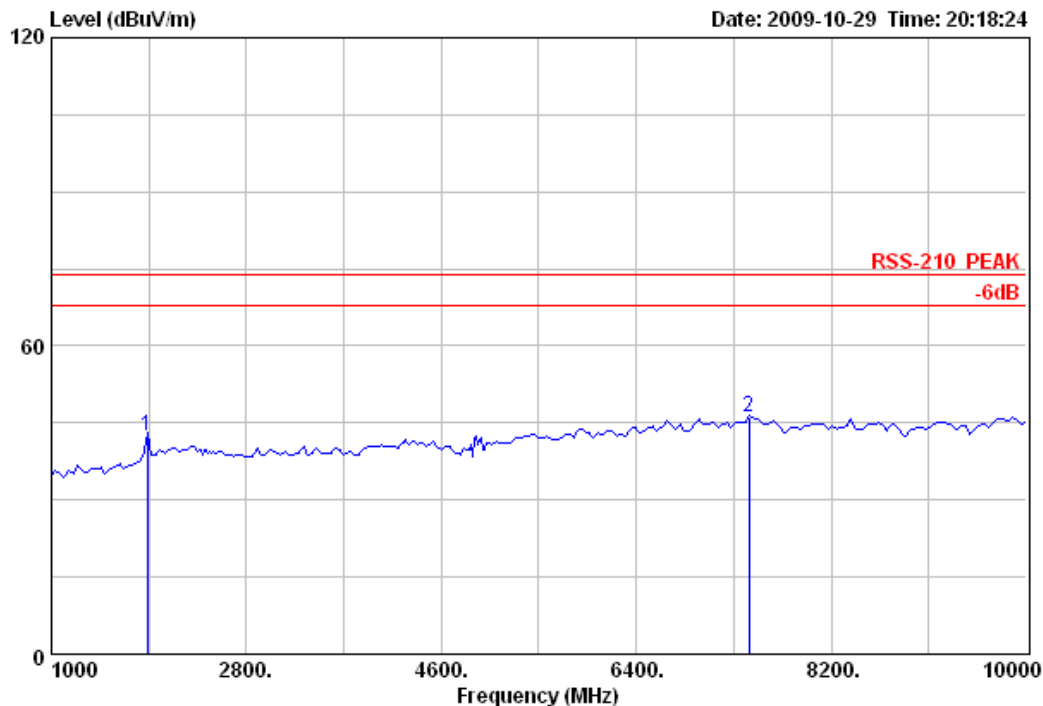


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Data: 189 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 20:18:24



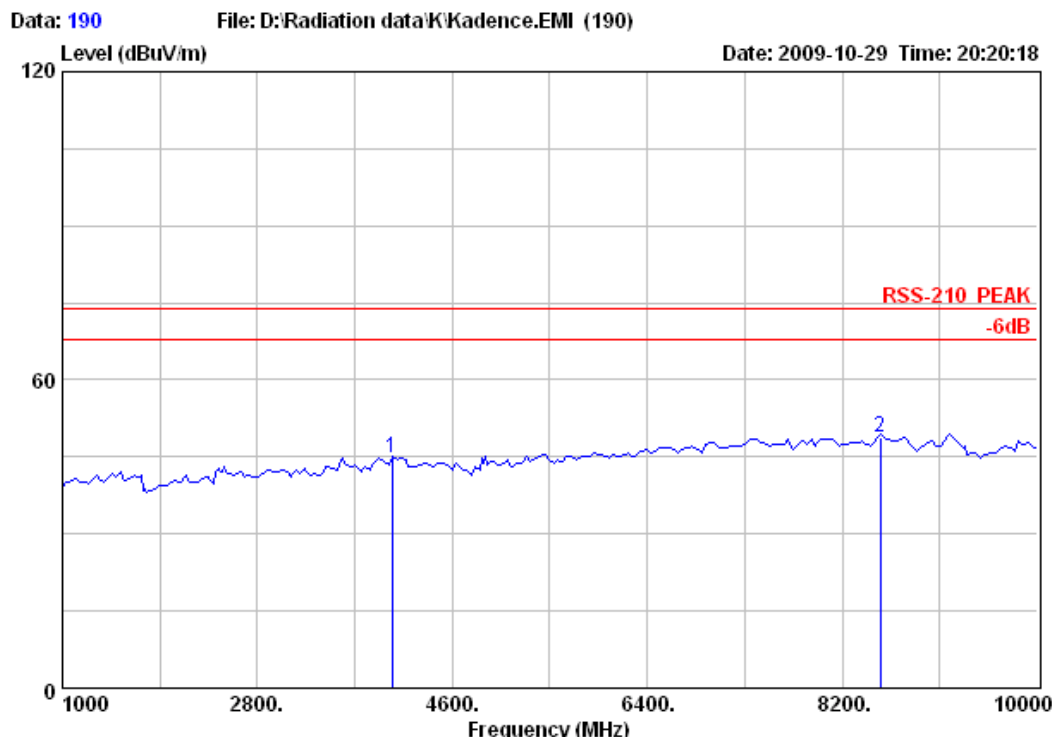
Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(908MHz)
Ant high:1.8m; Table angle:123'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	1884.00	42.39	74.00	31.61	9.86	30.34	2.19	Peak
2	7443.00	46.21	74.00	27.79	6.86	36.81	2.54	Peak



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Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : RX Mode(908MHz)
Ant high:1.6m; Table angle:91'

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	4043.00	44.71	74.00	29.29	8.63	33.75	2.33	Peak
2	8548.00	48.68	74.00	25.32	9.15	36.92	2.61	Peak



5.3. 20dB Bandwidth

5.3.1. Test limits

No requirement.

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 SA Center Frequency = Operation frequency, RBW=1MHz,VBW=1MHz.
4. Set SA trace max hold, then view.

5.3.3. Test result

Pass

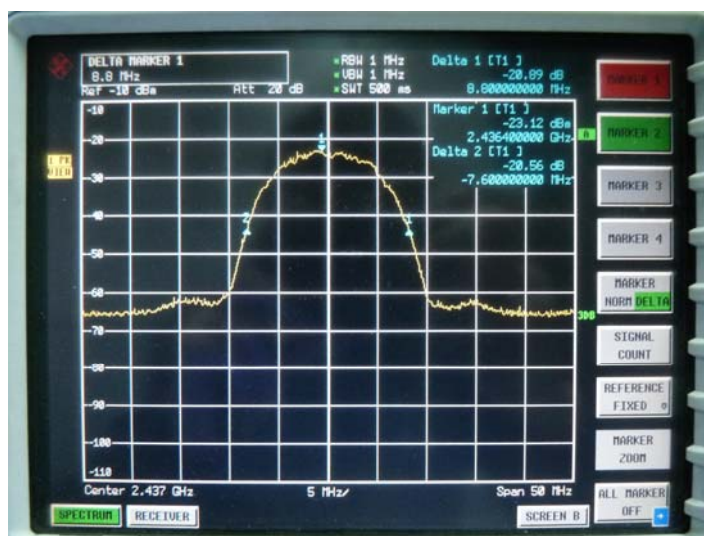
Test Channel	Frequency MHz	20dB bandwidth MHz
802.11b CH1	2412MHz	15.6
802.11b CH6	2437MHz	16.4
802.11b CH11	2462MHz	15.9
802.11g CH1	2412MHz	21.5
802.11g CH6	2437MHz	22.2
802.11g CH11	2462MHz	23.4

The test plots as following:

802.11b CH1 2412MHz



802.11b CH6 2437MHz



802.11b CH11 2462MHz



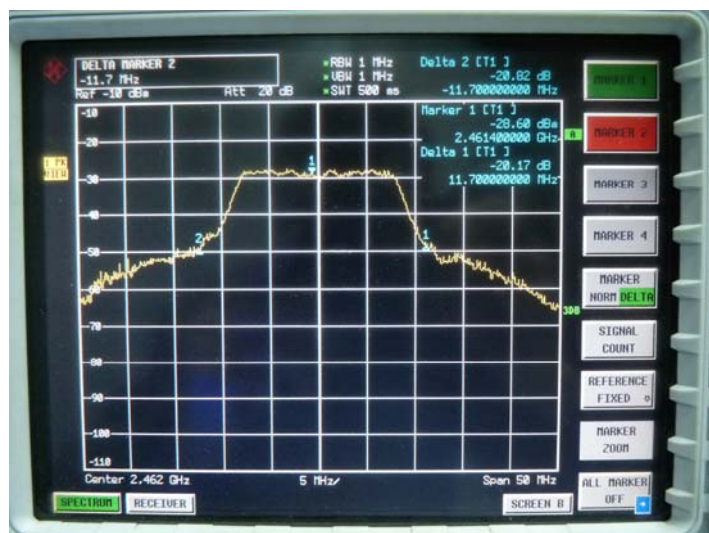
802.11g CH1 2412MHz



802.11g CH6 2437MHz



802.11g CH11 2462MHz



5.4. 99% Bandwidth

5.4.1. 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=1MHz,VBW=1MHz.
4. Set SA trace max hold, then view.

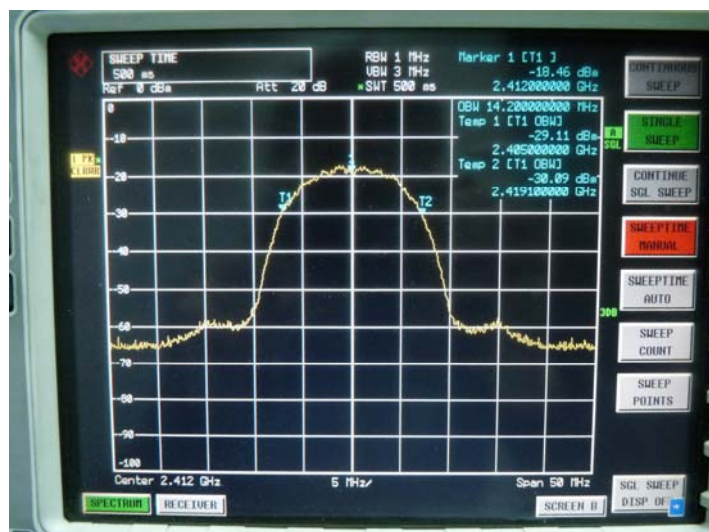
5.4.2. Test result

Pass

Test Channel	Frequency MHz	20dB Max bandwidth MHz
802.11b CH1	2412MHz	14.2
802.11b CH6	2437MHz	14.2
802.11b CH11	2462MHz	14.2
802.11g CH1	2412MHz	18.7
802.11g CH6	2437MHz	19.0
802.11g CH11	2462MHz	18.3

The test plots as following:

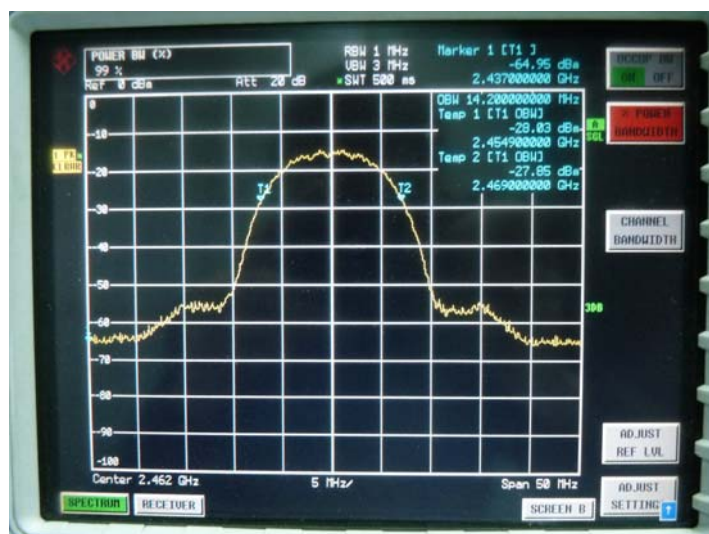
802.11b CH1 2412MHz



802.11b CH6 2437MHz



802.11b CH11 2462MHz



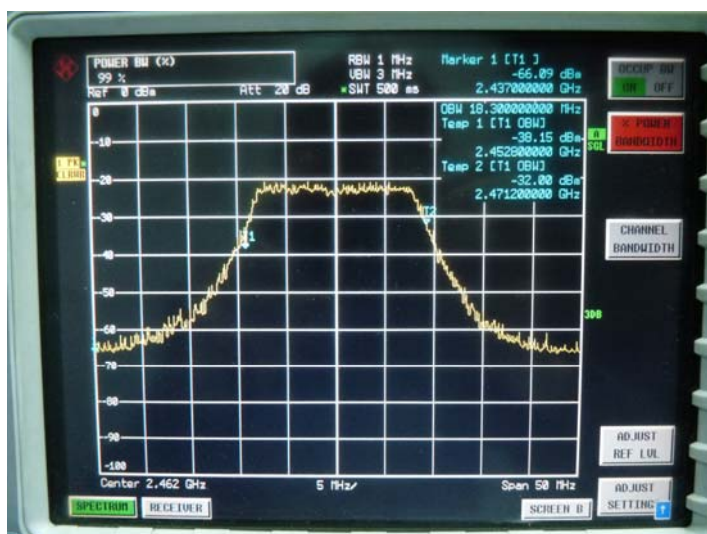
802.11g CH1 2412MHz



802.11g CH6 2437MHz



802.11g CH11 2462MHz



5.5. Band Edge

5.5.1. 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 Section 15.209 and RSS-210 , whichever is the lesser attenuation.

5.5.2. Test procedure

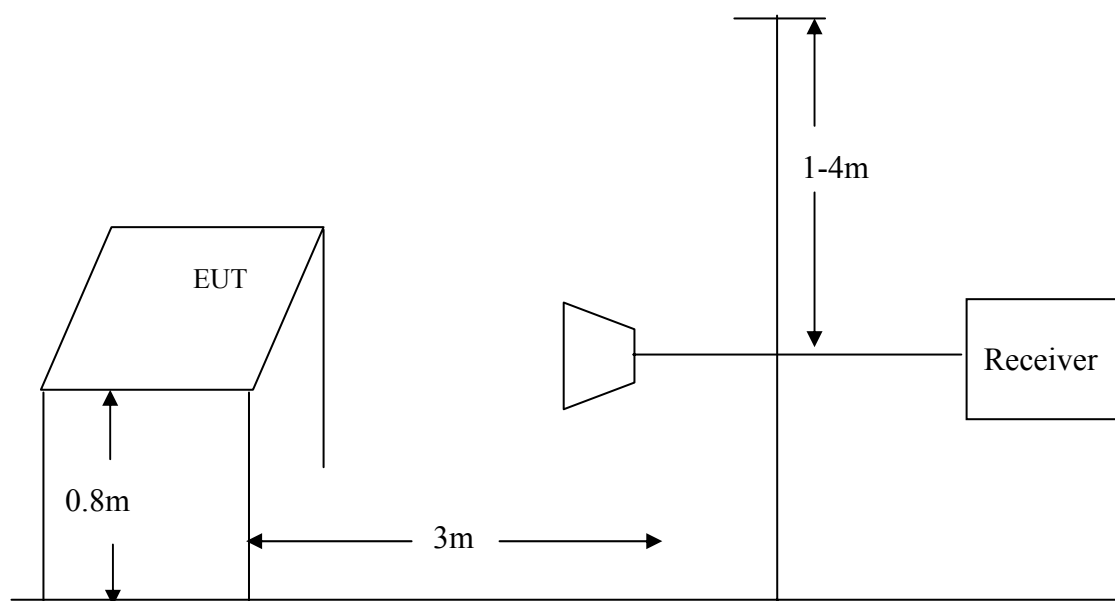
The EUT was placed on a turn table which was 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. At the frequency band of 1G Hz to 18GHz, The 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 EUT position(X. Y. Z) were checked and worse case was happened in Y position. So Y position was chose for find measurement.

The EUT was tested in Chamber Site.

5.5.3. Test Setup Diagram



5.5.4. Test result

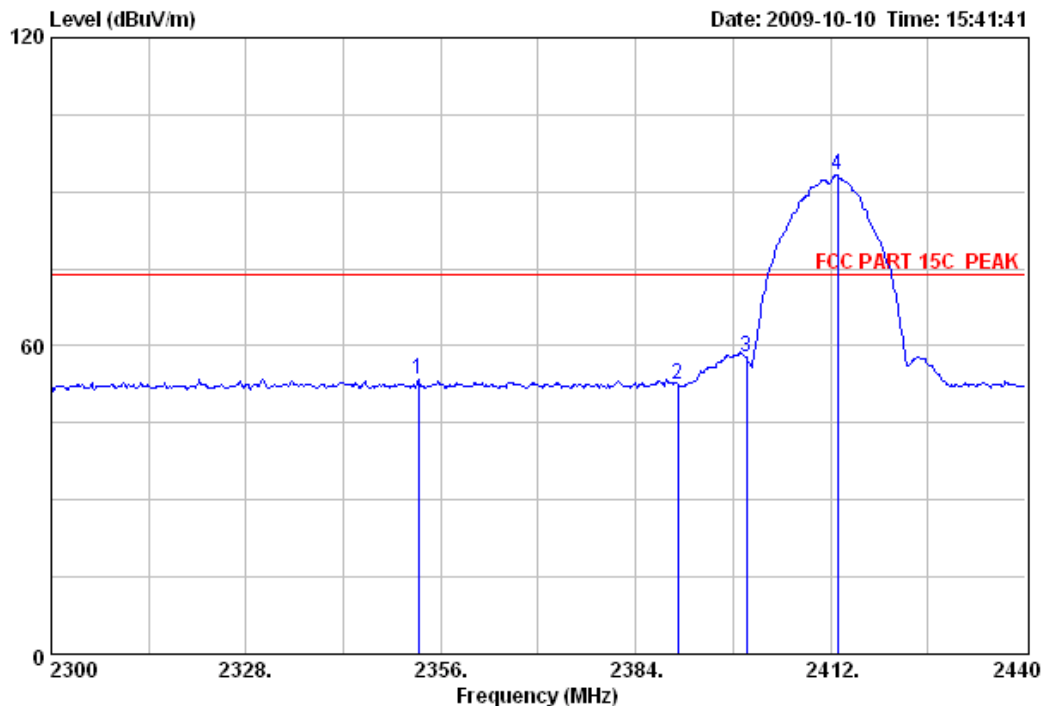
PASS.

The test plots as following:

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Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

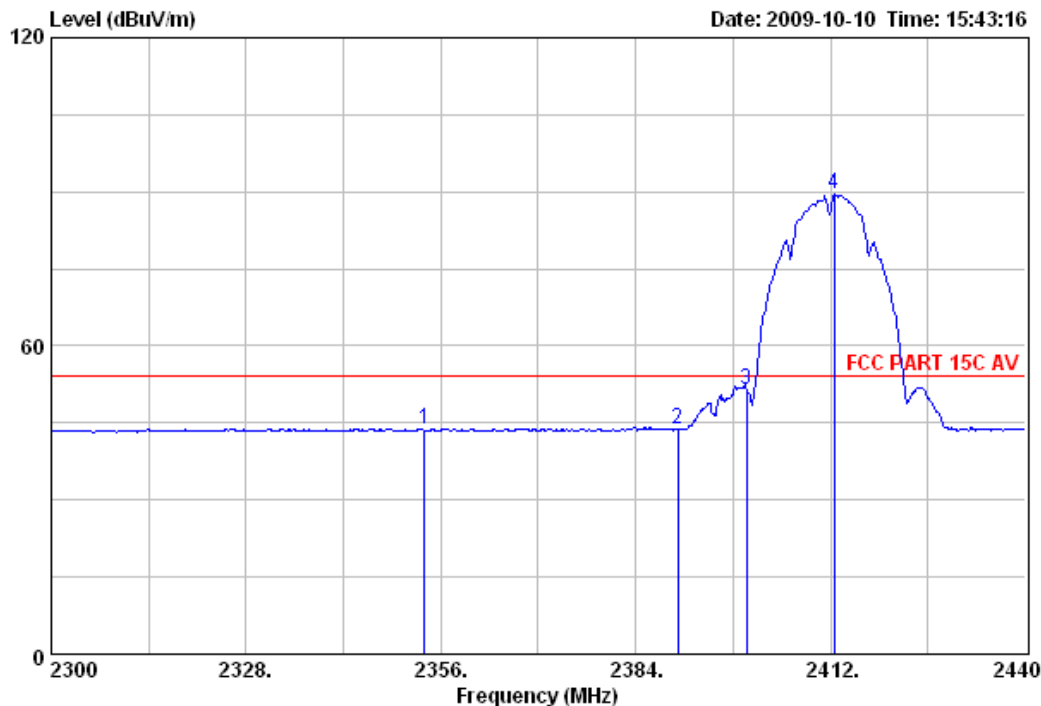
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.78	53.33	74.00	20.67	19.66	31.45	2.22	Peak
2	2390.00	52.41	74.00	21.59	18.71	31.48	2.22	Peak
3	2400.00	57.82	74.00	16.18	24.09	31.50	2.23	Peak
4	2412.98	93.18	74.00	-19.18	59.45	31.50	2.23	Peak



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Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

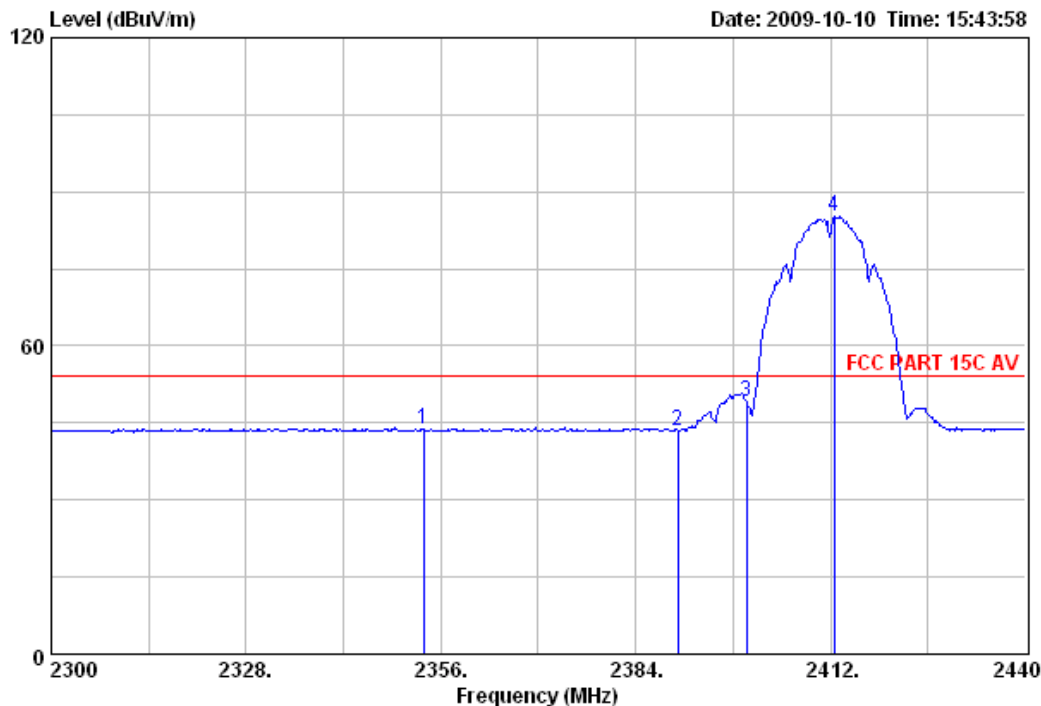
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2353.70	43.65	54.00	10.35	9.98	31.45	2.22	Average
2	2390.00	43.73	54.00	10.27	10.03	31.48	2.22	Average
3	2400.00	51.49	54.00	2.51	17.76	31.50	2.23	Average
4	2412.56	89.54	54.00	-35.54	55.81	31.50	2.23	Average



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Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

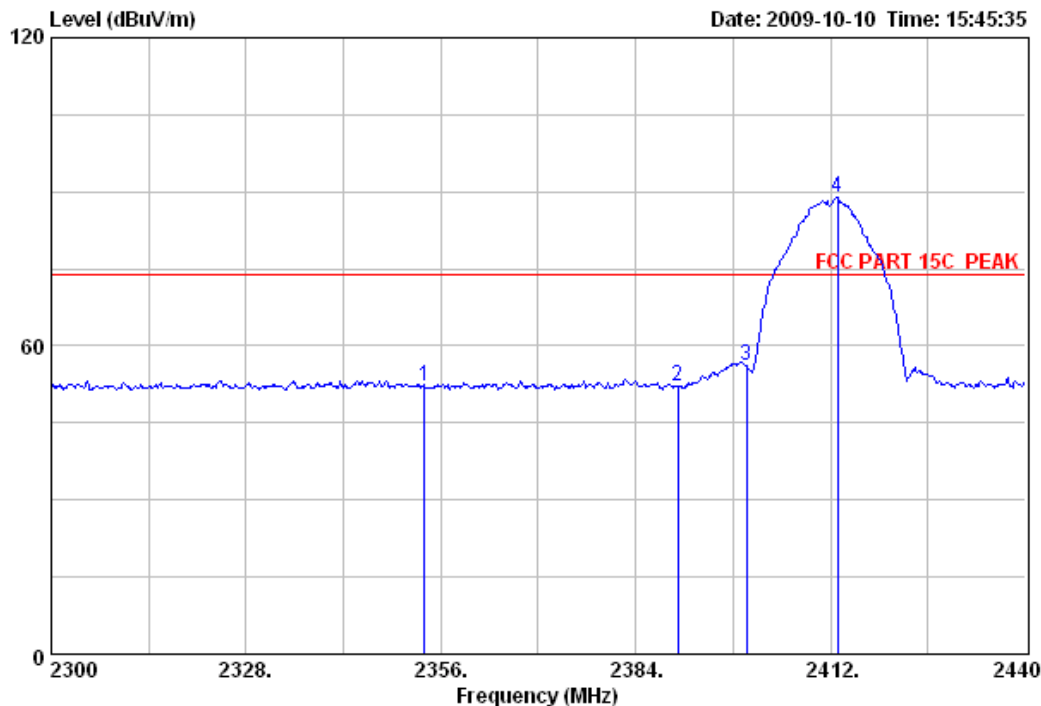
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2353.50	43.64	54.00	10.36	9.97	31.45	2.22	Average
2	2390.00	43.57	54.00	10.43	9.87	31.48	2.22	Average
3	2400.00	49.30	54.00	4.70	15.57	31.50	2.23	Average
4	2412.56	85.39	54.00	-31.39	51.66	31.50	2.23	Average



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Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

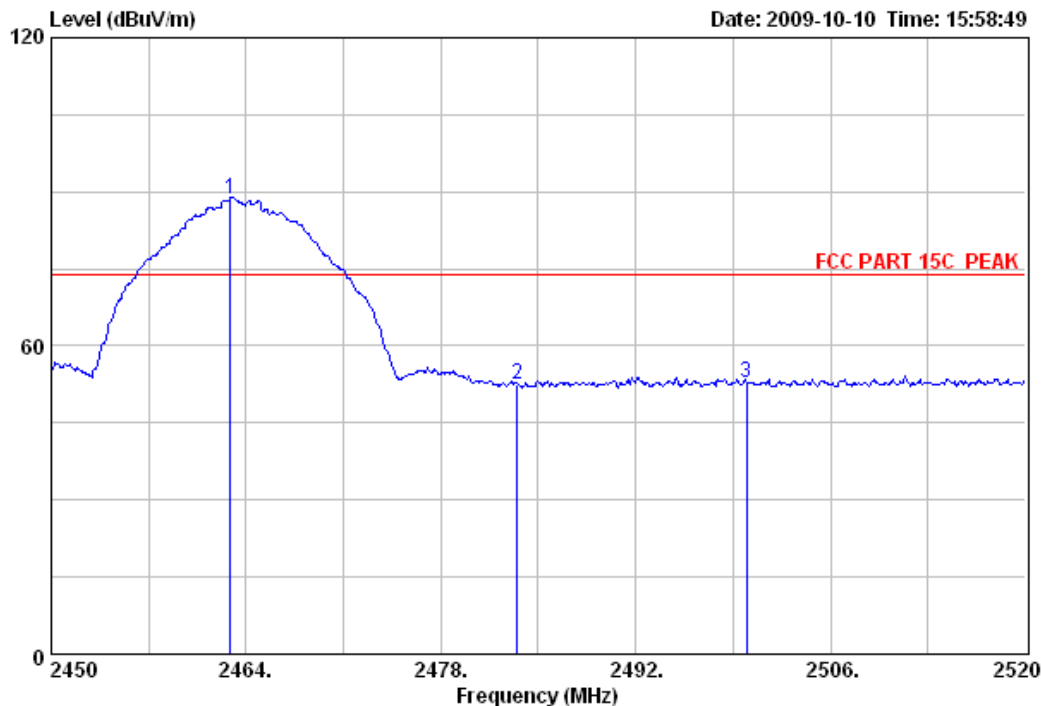
	Freq.	Emission Level	Limits	Margin	Reading	Ant. Factor	Cable Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2353.62	52.10	74.00	21.90	18.43	31.45	2.22	Peak
2	2390.00	52.11	74.00	21.89	18.41	31.48	2.22	Peak
3	2400.00	56.01	74.00	17.99	22.28	31.50	2.23	Peak
4	2412.98	88.81	74.00	-14.81	55.08	31.50	2.23	Peak



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Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

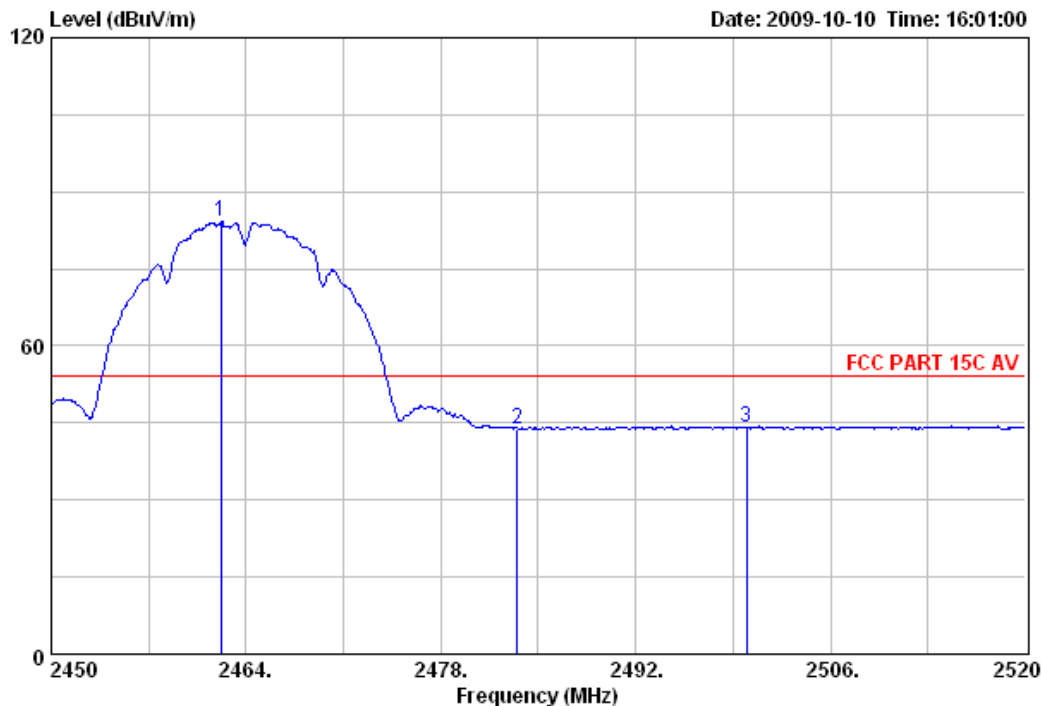
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2462.88	88.68	74.00	-14.68	54.89	31.56	2.23	Peak
2	2483.50	52.51	74.00	21.49	18.70	31.58	2.23	Peak
3	2500.00	52.71	74.00	21.29	18.88	31.60	2.23	Peak



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Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

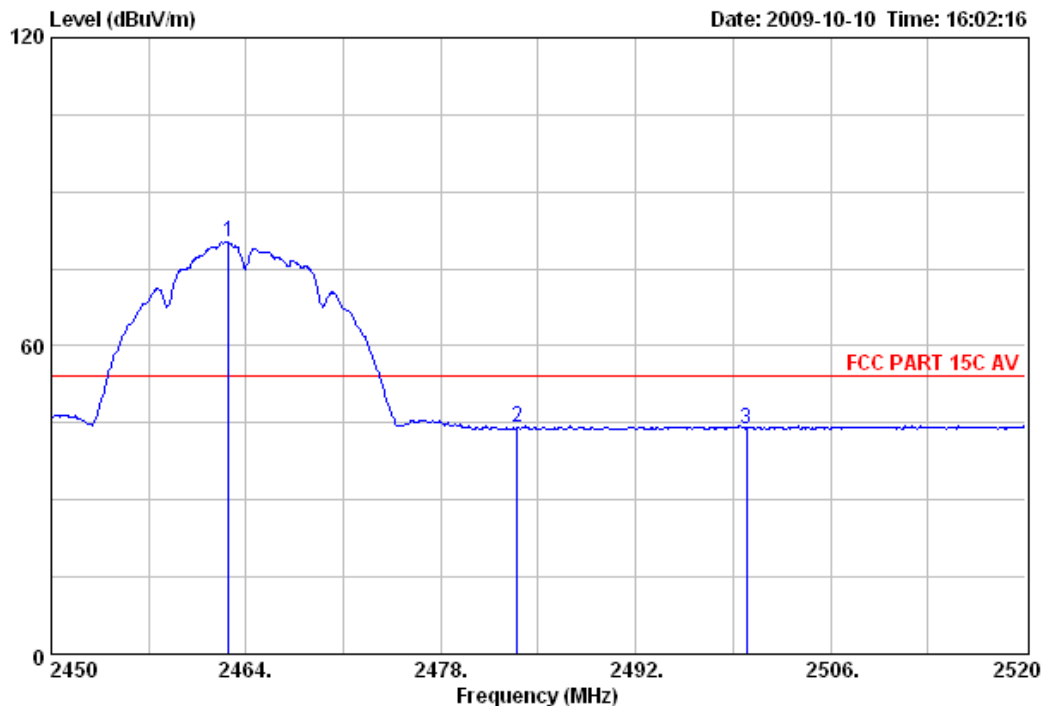
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2462.18	84.26	54.00	-30.26	50.47	31.56	2.23	Average
2	2483.50	43.87	54.00	10.13	10.06	31.58	2.23	Average
3	2500.00	44.22	54.00	9.78	10.39	31.60	2.23	Average



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Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

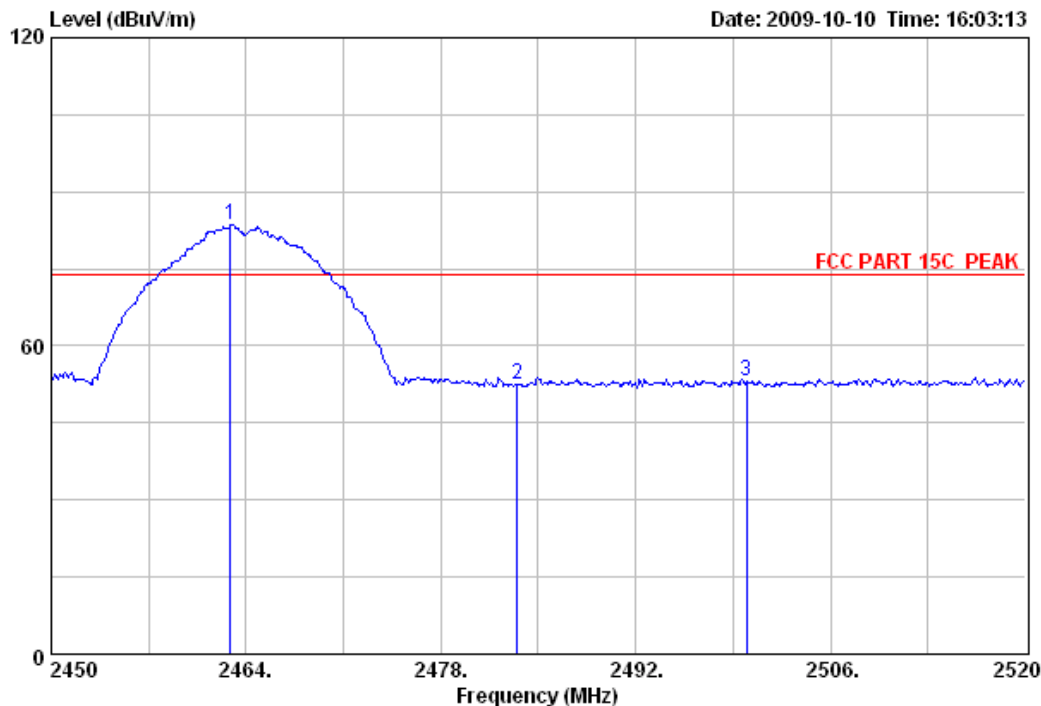
	Emission				Ant. Cable		
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2462.74	80.13	54.00	-26.13	46.34	31.56	2.23	Average
2 2483.50	44.04	54.00	9.96	10.23	31.58	2.23	Average
3 2500.00	43.86	54.00	10.14	10.03	31.60	2.23	Average



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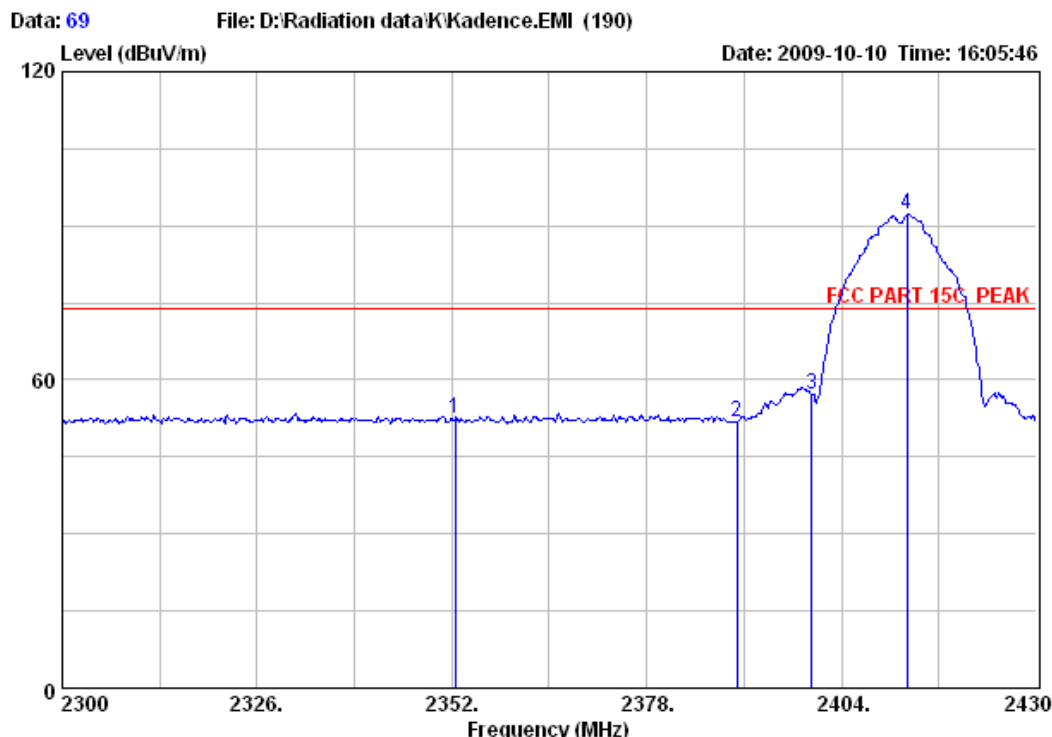
Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

	Freq. (MHz)	Emission		Margin (dB)	Reading (dBuV)	Ant. Factor (dB/m)	Cable Loss (dB)	Remark
		Level (dBuV/m)	Limits (dBuV/m)					
1	2462.88	83.58	74.00	-9.58	49.79	31.56	2.23	Peak
2	2483.50	52.59	74.00	21.41	18.78	31.58	2.23	Peak
3	2500.00	52.99	74.00	21.01	19.16	31.60	2.23	Peak



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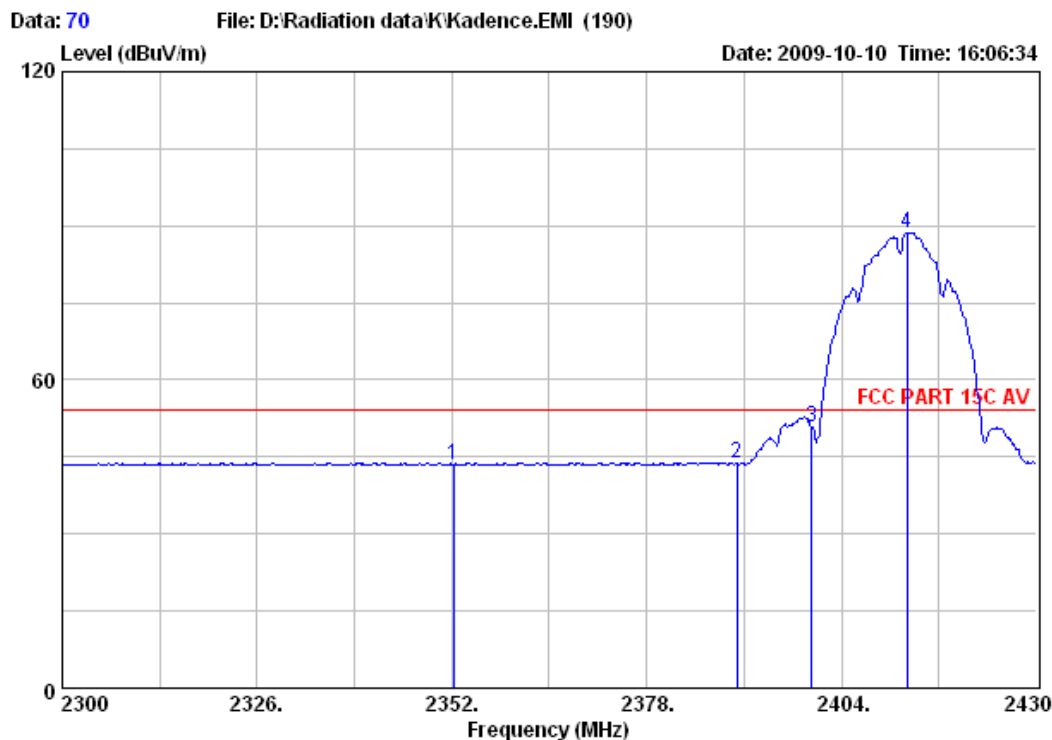
Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

	Freq.	Emission Level	Limits	Margin	Reading	Ant. Factor	Cable Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.39	52.44	74.00	21.56	18.77	31.45	2.22	Peak
2	2390.00	51.84	74.00	22.16	18.14	31.48	2.22	Peak
3	2400.00	57.15	74.00	16.85	23.42	31.50	2.23	Peak
4	2412.71	92.33	74.00	-18.33	58.60	31.50	2.23	Peak



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Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

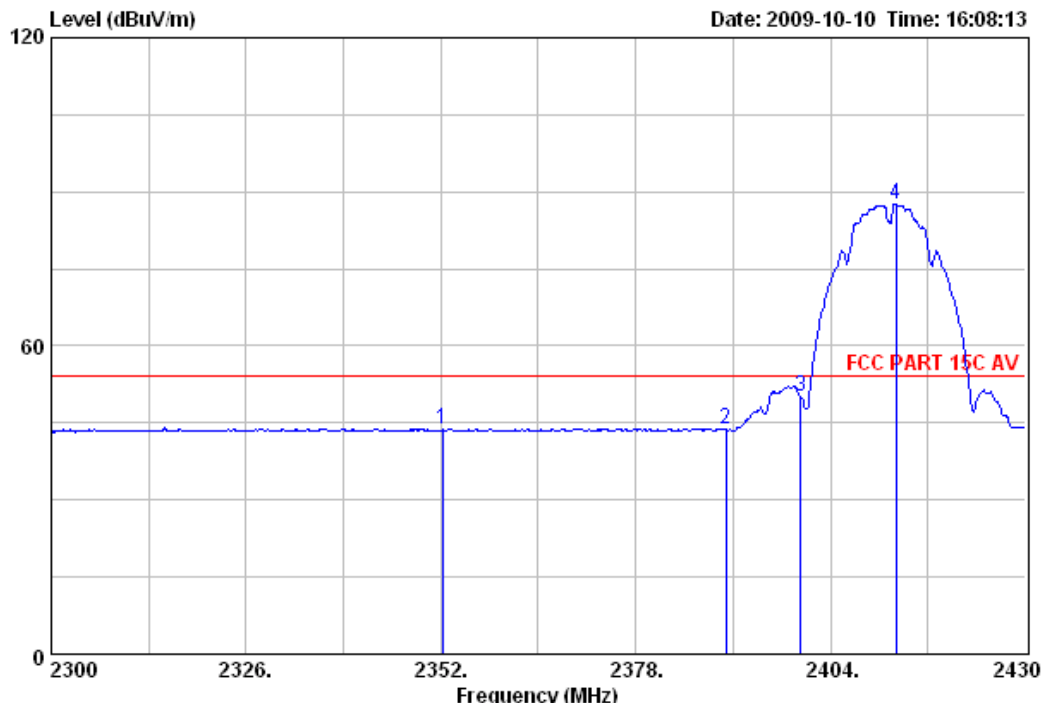
		Emission				Ant. Cable		
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor (dB/m)	Loss (dB)	Remark
1	2352.26	43.59	54.00	10.41	9.92	31.45	2.22	Average
2	2390.00	43.70	54.00	10.30	10.00	31.48	2.22	Average
3	2400.00	50.90	54.00	3.10	17.17	31.50	2.23	Average
4	2412.71	88.64	54.00	-34.64	54.91	31.50	2.23	Average



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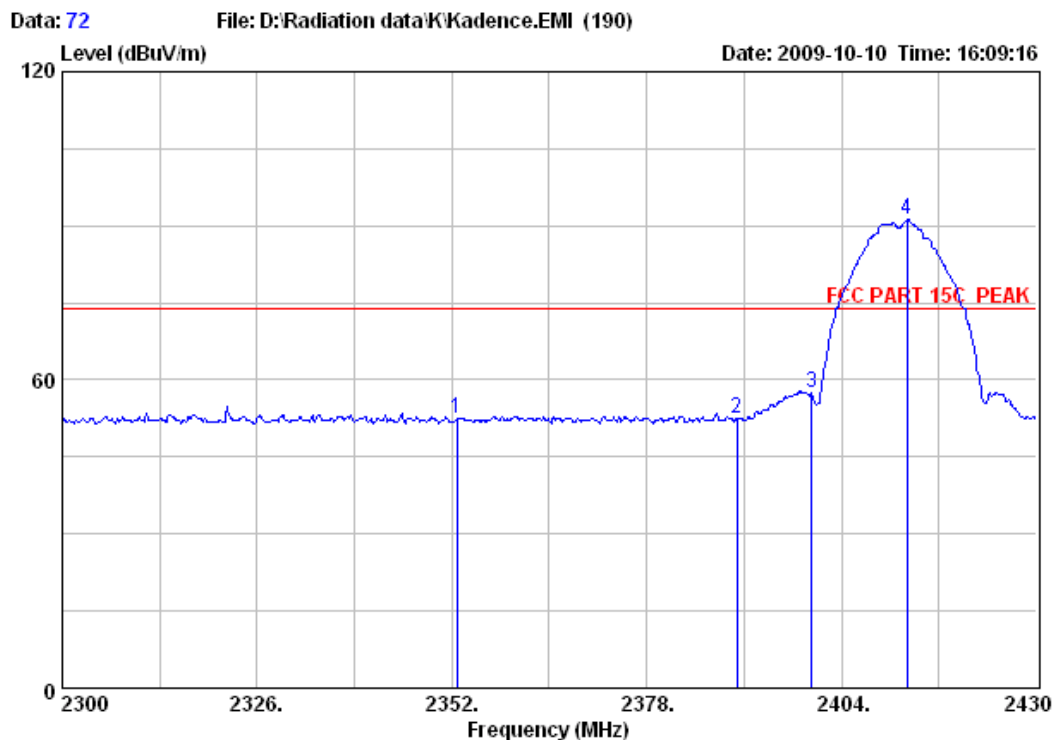
Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.26	43.64	54.00	10.36	9.97	31.45	2.22	Average
2	2390.00	43.65	54.00	10.35	9.95	31.48	2.22	Average
3	2400.00	50.23	54.00	3.77	16.50	31.50	2.23	Average
4	2412.71	87.68	54.00	-33.68	53.95	31.50	2.23	Average



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Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

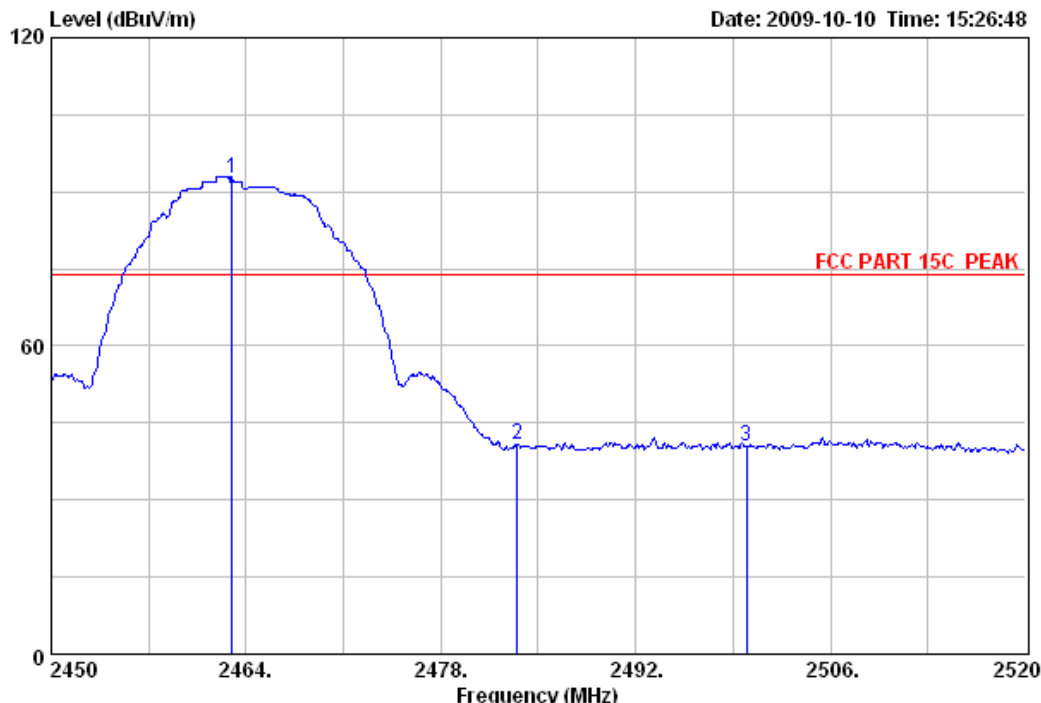
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.65	52.33	74.00	21.67	18.66	31.45	2.22	Peak
2	2390.00	52.50	74.00	21.50	18.80	31.48	2.22	Peak
3	2400.00	57.46	74.00	16.54	23.73	31.50	2.23	Peak
4	2412.71	91.20	74.00	-17.20	57.47	31.50	2.23	Peak



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Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2463.02	92.63	74.00	-18.63	58.84	31.56	2.23	Peak
2	2483.50	40.85	74.00	33.15	7.04	31.58	2.23	Peak
3	2500.00	40.37	74.00	33.63	6.54	31.60	2.23	Peak

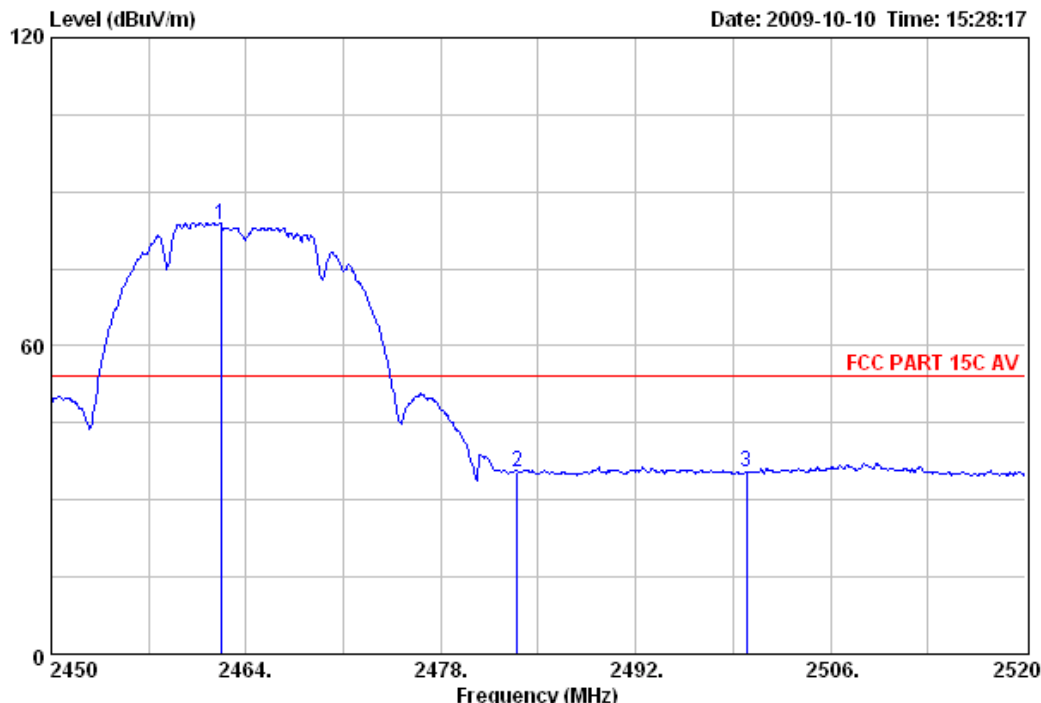


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Data: 50 File: D:\Radiation data\K\Kadence.EMI (194)

Date: 2009-10-10 Time: 15:28:17



Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

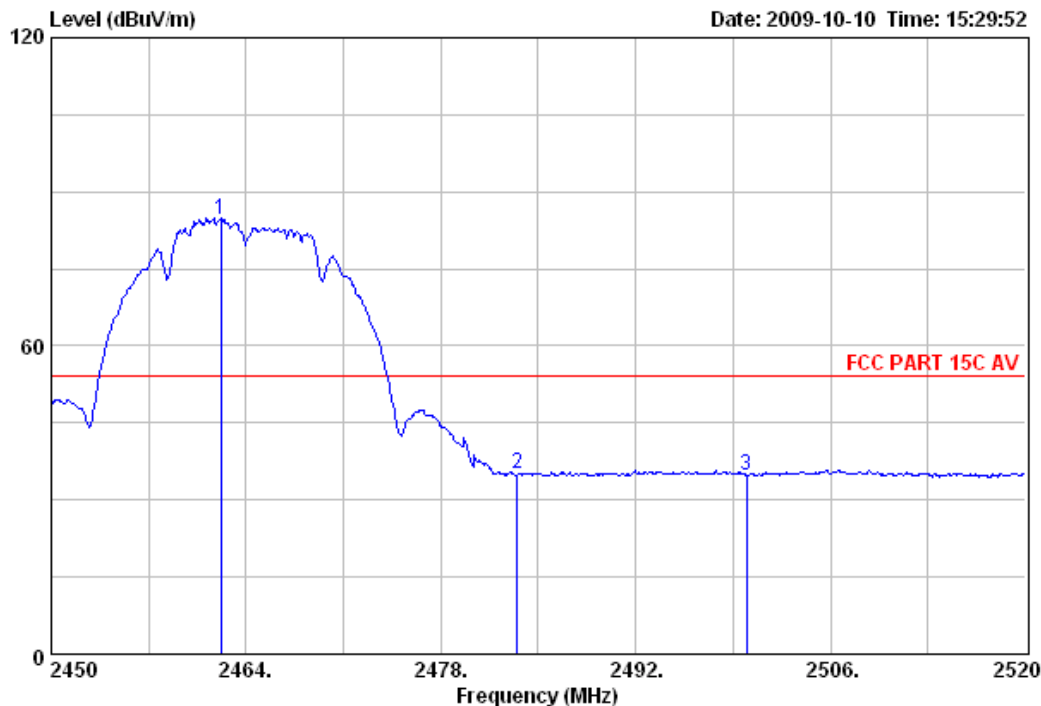
Emission					Ant. Cable		Remark
Freq.	Level	Limits	Margin	Reading	Factor	Loss	
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2462.18	83.49	54.00	-29.49	49.70	31.56	2.23	Average
2 2483.50	35.39	54.00	18.61	1.58	31.58	2.23	Average
3 2500.00	35.33	54.00	18.67	1.50	31.60	2.23	Average



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Data: 51 File: D:\Radiation data\K\Kadence.EMI (194)



Test Site : 966 Chamber
Limit : FCC PART 15C AV
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

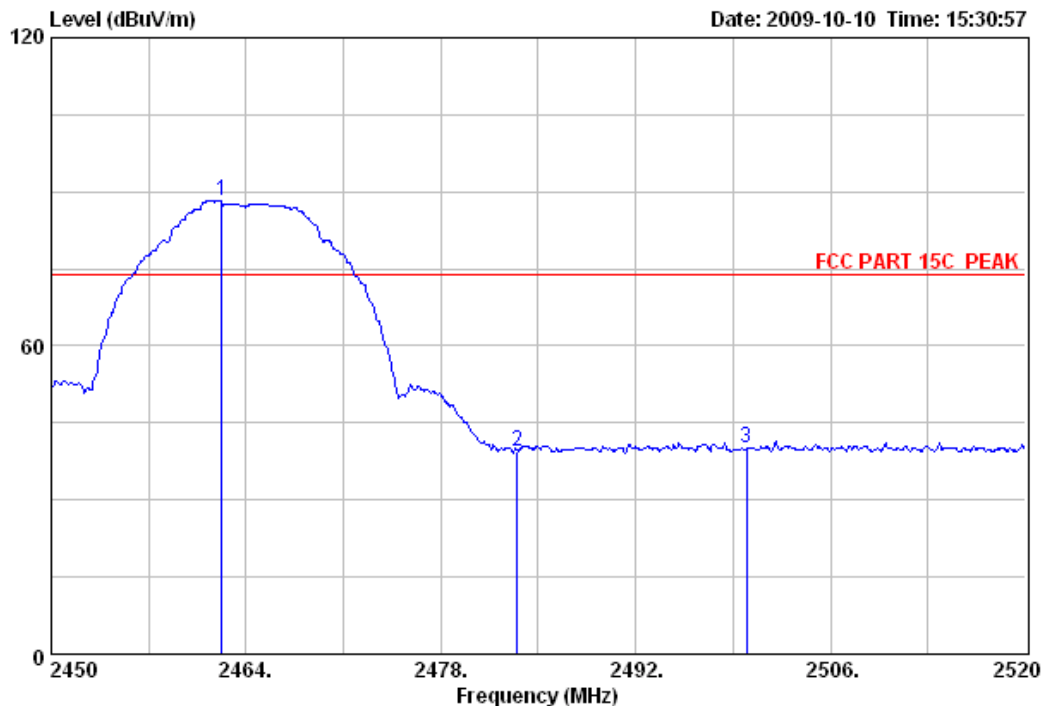
	Freq. (MHz)	Emission		Margin (dB)	Reading (dBuV)	Ant. Factor (dB/m)	Cable Loss (dB)	Remark
		Level (dBuV/m)	Limits (dBuV/m)					
1	2462.18	84.53	54.00	-30.53	50.74	31.56	2.23	Average
2	2483.50	35.00	54.00	19.00	1.19	31.58	2.23	Average
3	2500.00	34.79	54.00	19.21	0.96	31.60	2.23	Average



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Data: 52 File: D:\Radiation data\K\Kadence.EMI (190)



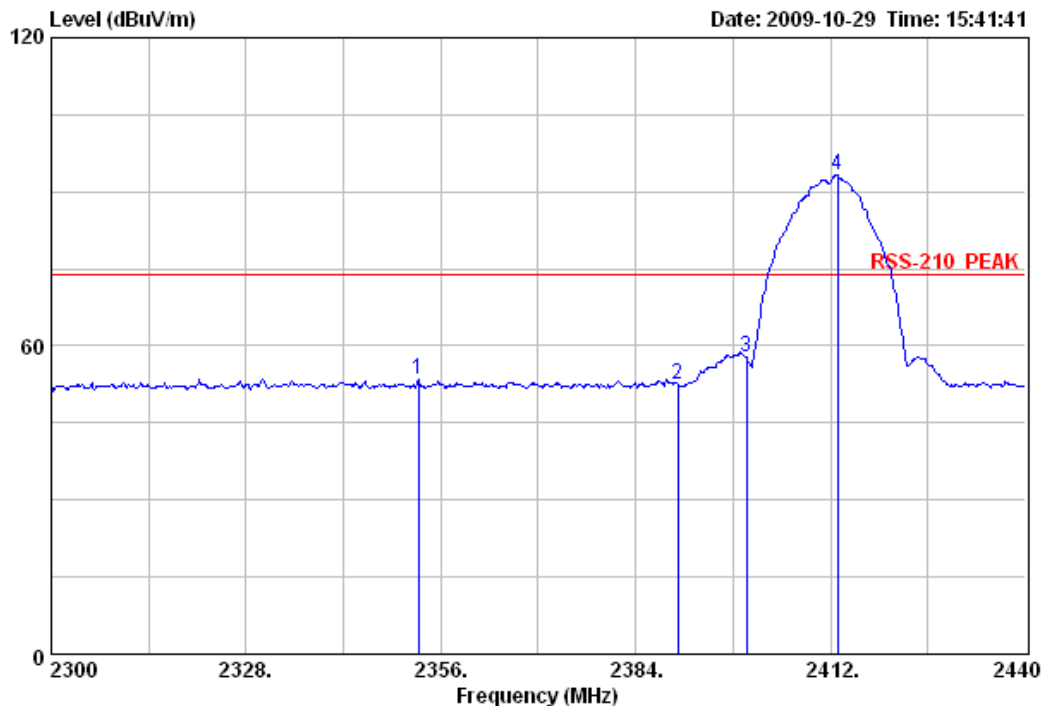
Test Site : 966 Chamber
Limit : FCC PART 15C PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL
EUT : Transmitter
M/N : T2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

Emission					Ant. Cable		Remark
Freq.	Level	Limits	Margin	Reading	Factor	Loss	
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2462.25	88.32	74.00	-14.32	54.53	31.56	2.23	Peak
2 2483.50	39.56	74.00	34.44	5.75	31.58	2.23	Peak
3 2500.00	40.12	74.00	33.88	6.29	31.60	2.23	Peak

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Data: 111 File: D:\Radiation data\K\Kadence.EMI (190)



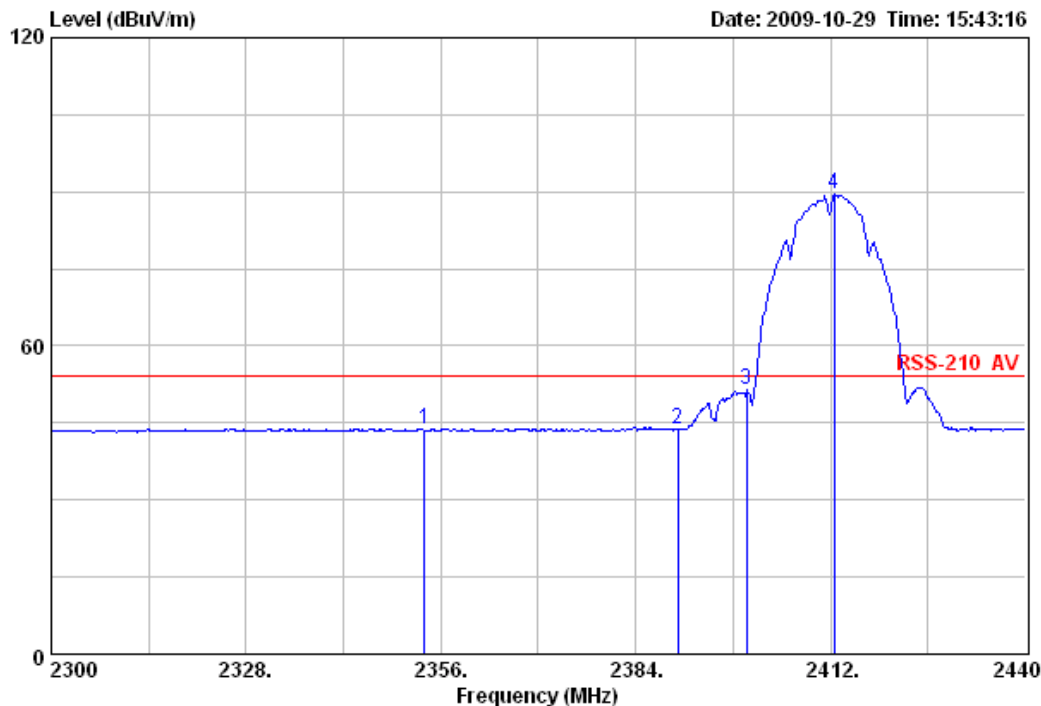
Test Site : 966 Chamber
Limit : RSS-210 PEAK
Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL
EUT : Transmitter
M/N : T 2.2
Power : DC 9V from adapter input AC 120V/60Hz
Test Engineer : Jade
Comment : Temp.:25.2'C Humi.:56%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.78	53.33	74.00	20.67	19.66	31.45	2.22	Peak
2	2390.00	52.41	74.00	21.59	18.71	31.48	2.22	Peak
3	2400.00	57.82	74.00	16.18	24.09	31.50	2.23	Peak
4	2412.98	93.18	74.00	-19.18	59.45	31.50	2.23	Peak

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Data: 112 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

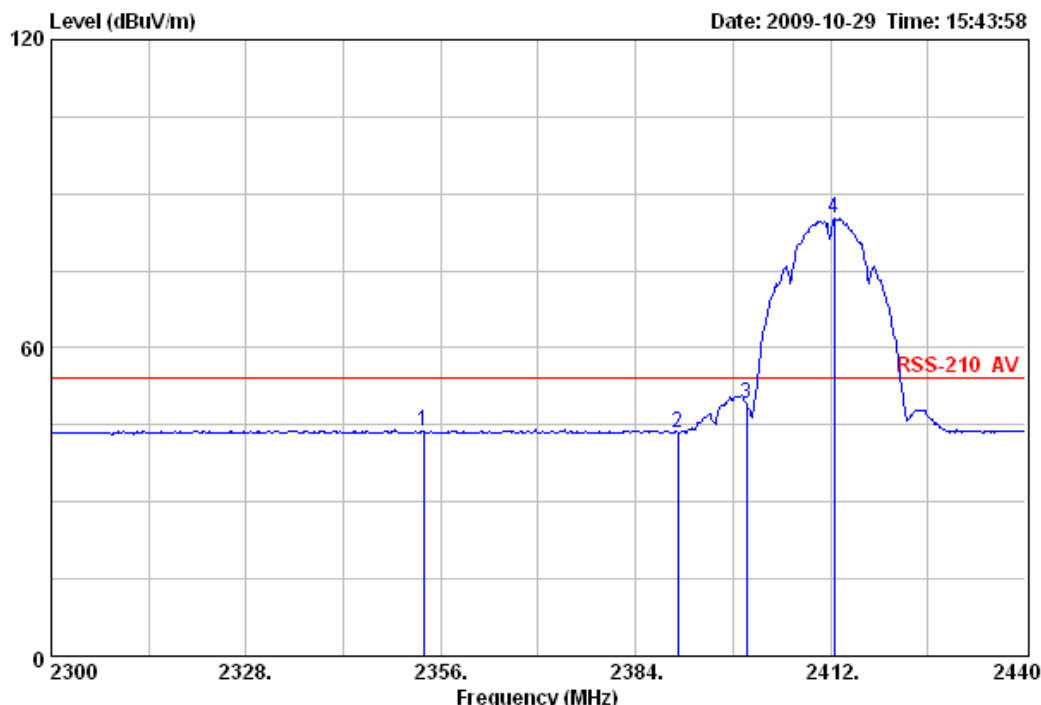
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2353.70	43.65	54.00	10.35	9.98	31.45	2.22	Average
2	2390.00	43.73	54.00	10.27	10.03	31.48	2.22	Average
3	2400.00	51.49	54.00	2.51	17.76	31.50	2.23	Average
4	2412.56	89.54	54.00	-35.54	55.81	31.50	2.23	Average



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Data: 113 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

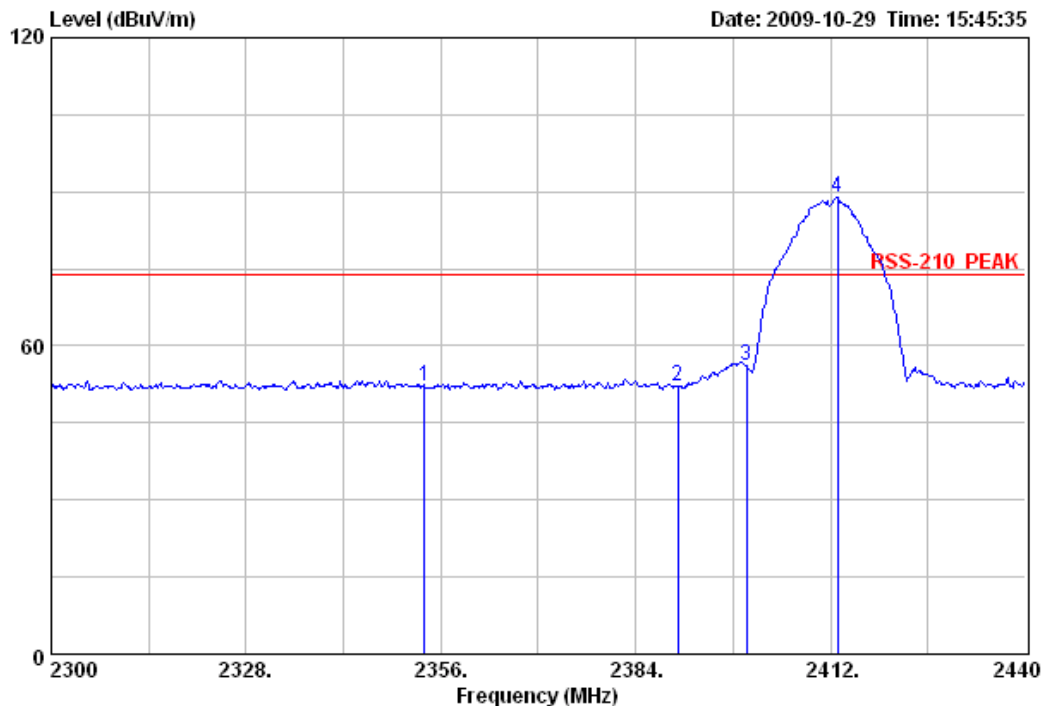
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2353.50	43.64	54.00	10.36	9.97	31.45	2.22	Average
2	2390.00	43.57	54.00	10.43	9.87	31.48	2.22	Average
3	2400.00	49.30	54.00	4.70	15.57	31.50	2.23	Average
4	2412.56	85.39	54.00	-31.39	51.66	31.50	2.23	Average



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Data: 114 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH1 2412MHz

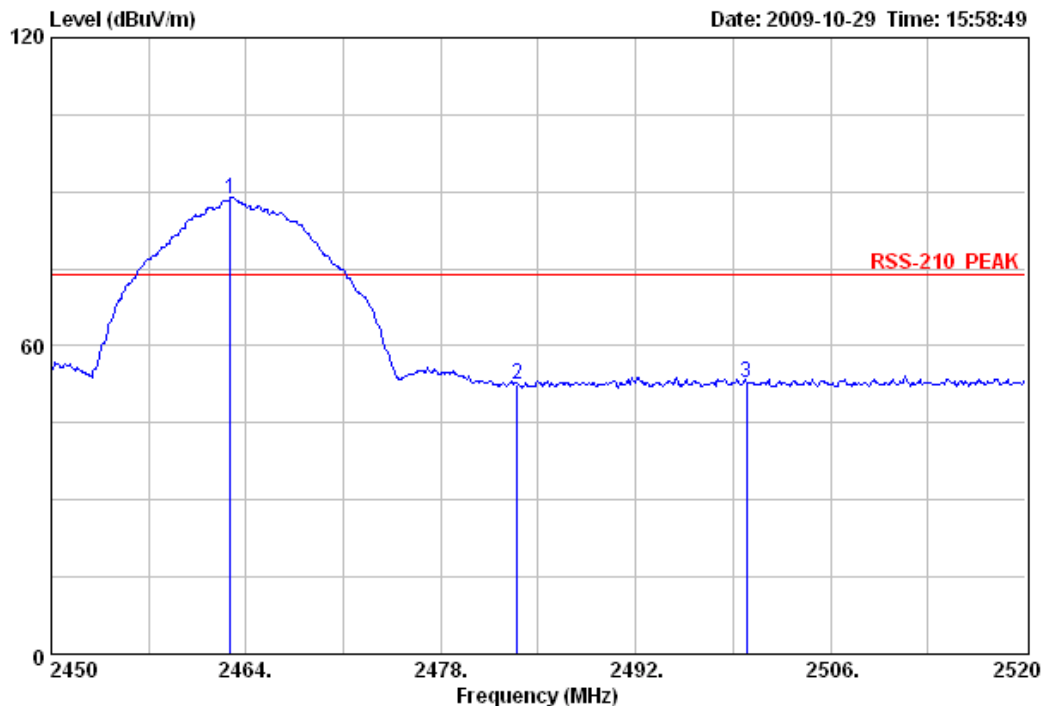
	Freq.	Emission	Limits	Margin	Reading	Ant.	Cable	
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	Remark
1	2353.62	52.10	74.00	21.90	18.43	31.45	2.22	Peak
2	2390.00	52.11	74.00	21.89	18.41	31.48	2.22	Peak
3	2400.00	56.01	74.00	17.99	22.28	31.50	2.23	Peak
4	2412.98	88.81	74.00	-14.81	55.08	31.50	2.23	Peak



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Data: 121 File: D:\Radiation data\K\Kadence.EMI (194)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

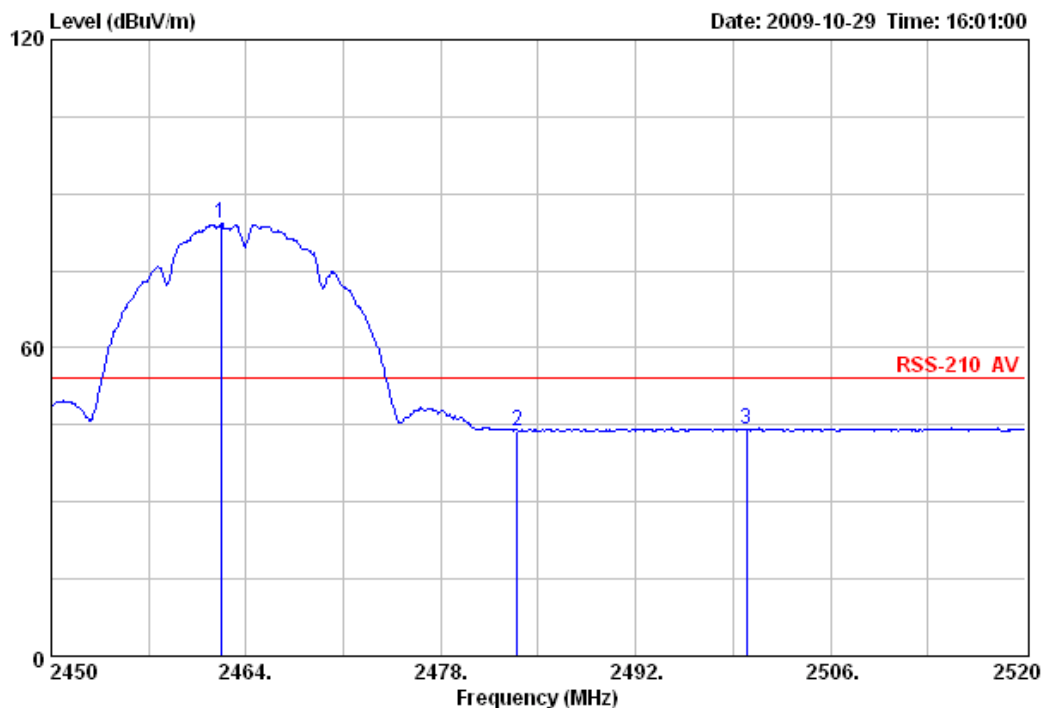
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2462.88	88.68	74.00	-14.68	54.89	31.56	2.23	Peak
2	2483.50	52.51	74.00	21.49	18.70	31.58	2.23	Peak
3	2500.00	52.71	74.00	21.29	18.88	31.60	2.23	Peak



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Data: 122 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

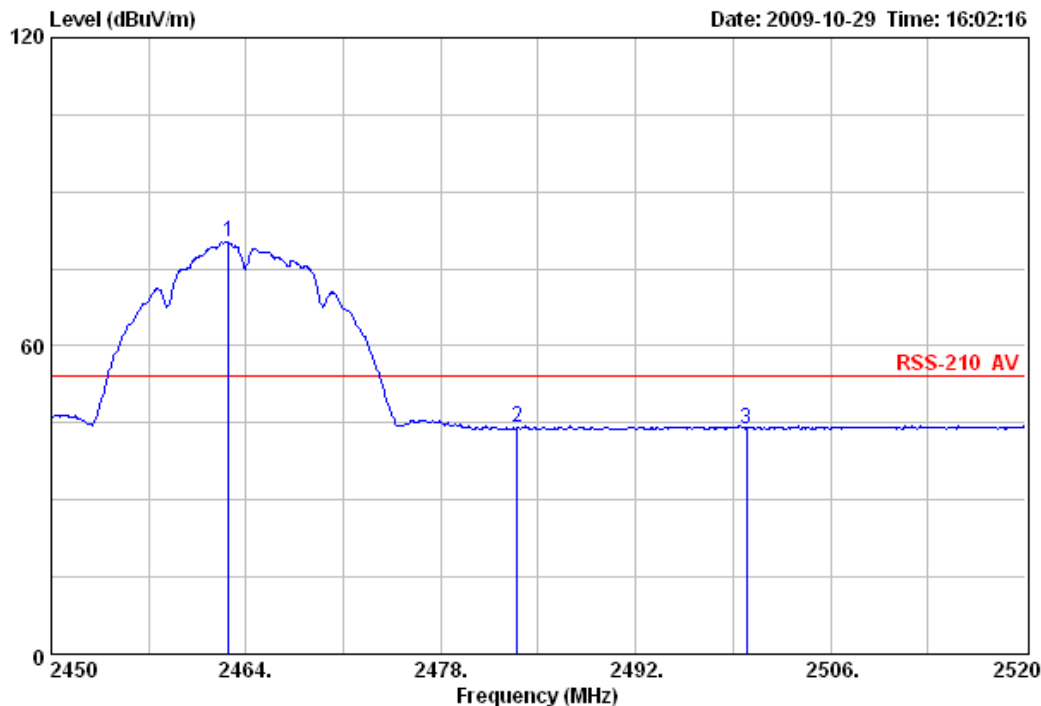
	Emission			Margin	Reading	Ant. Cable		Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2462.18	84.26	54.00	-30.26	50.47	31.56	2.23	Average
2	2483.50	43.87	54.00	10.13	10.06	31.58	2.23	Average
3	2500.00	44.22	54.00	9.78	10.39	31.60	2.23	Average



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Data: 123 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

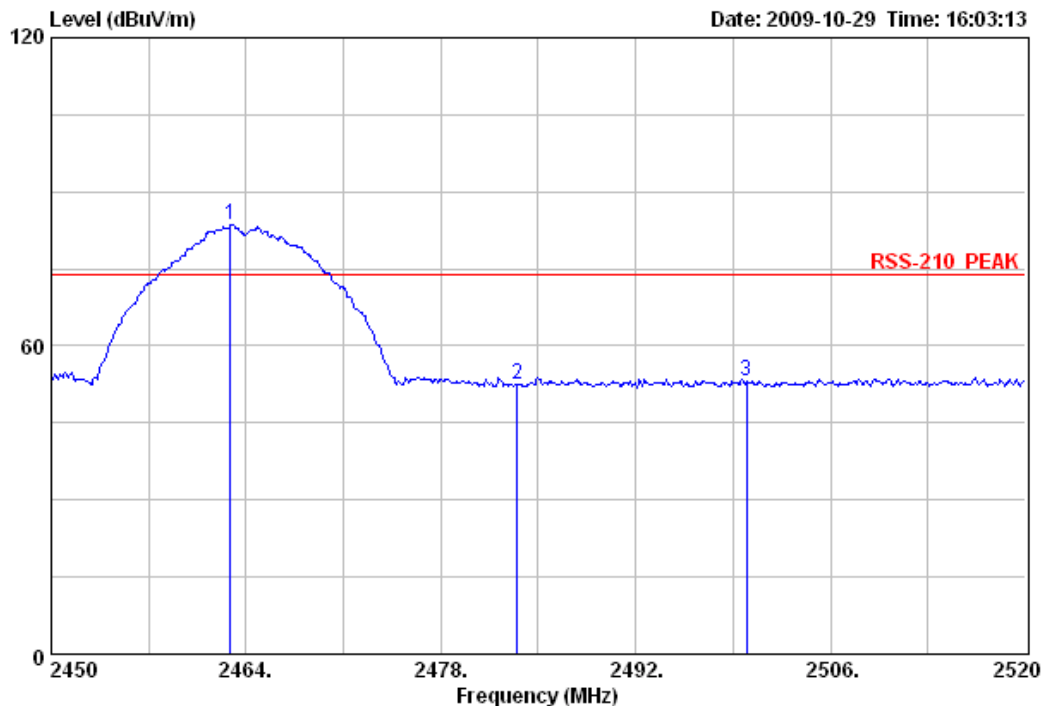
	Emission			Margin	Reading	Ant. Cable		Remark
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)			Factor (dB/m)	Loss (dB)	
1	2462.74	80.13	54.00	-26.13	46.34	31.56	2.23	Average
2	2483.50	44.04	54.00	9.96	10.23	31.58	2.23	Average
3	2500.00	43.86	54.00	10.14	10.03	31.60	2.23	Average



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Data: 124 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11b CH11 2462MHz

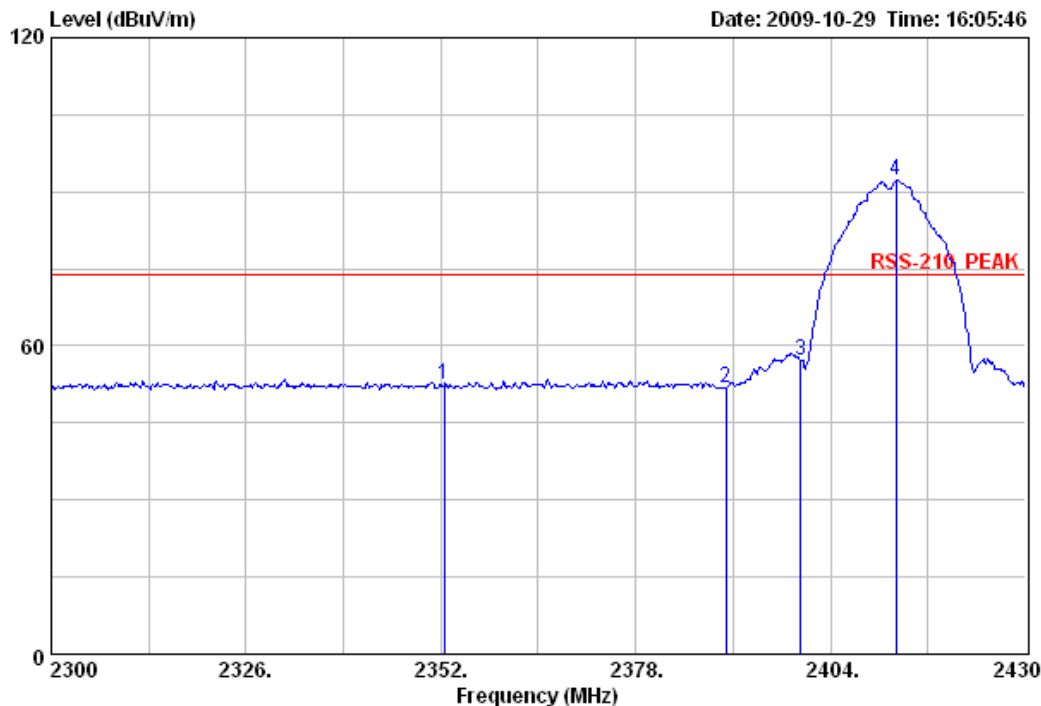
	Freq.	Emission Level	Limits	Margin	Reading	Ant. Factor	Cable Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2462.88	83.58	74.00	-9.58	49.79	31.56	2.23	Peak
2	2483.50	52.59	74.00	21.41	18.78	31.58	2.23	Peak
3	2500.00	52.99	74.00	21.01	19.16	31.60	2.23	Peak



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Data: 125 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

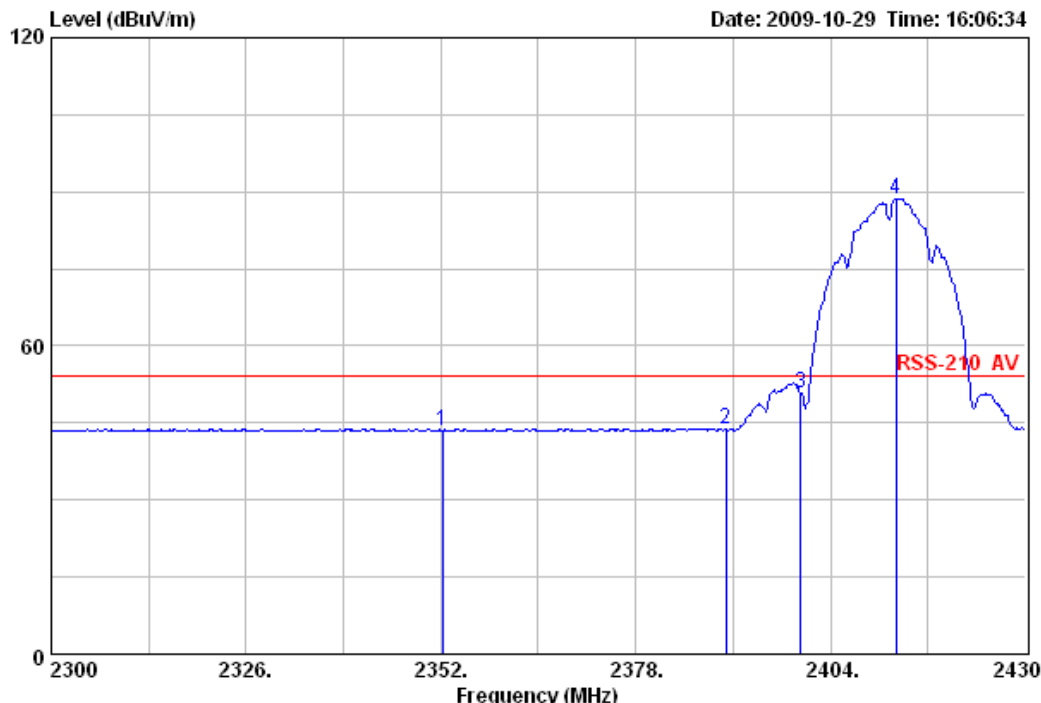
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.39	52.44	74.00	21.56	18.77	31.45	2.22	Peak
2	2390.00	51.84	74.00	22.16	18.14	31.48	2.22	Peak
3	2400.00	57.15	74.00	16.85	23.42	31.50	2.23	Peak
4	2412.71	92.33	74.00	-18.33	58.60	31.50	2.23	Peak



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Data: 126 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

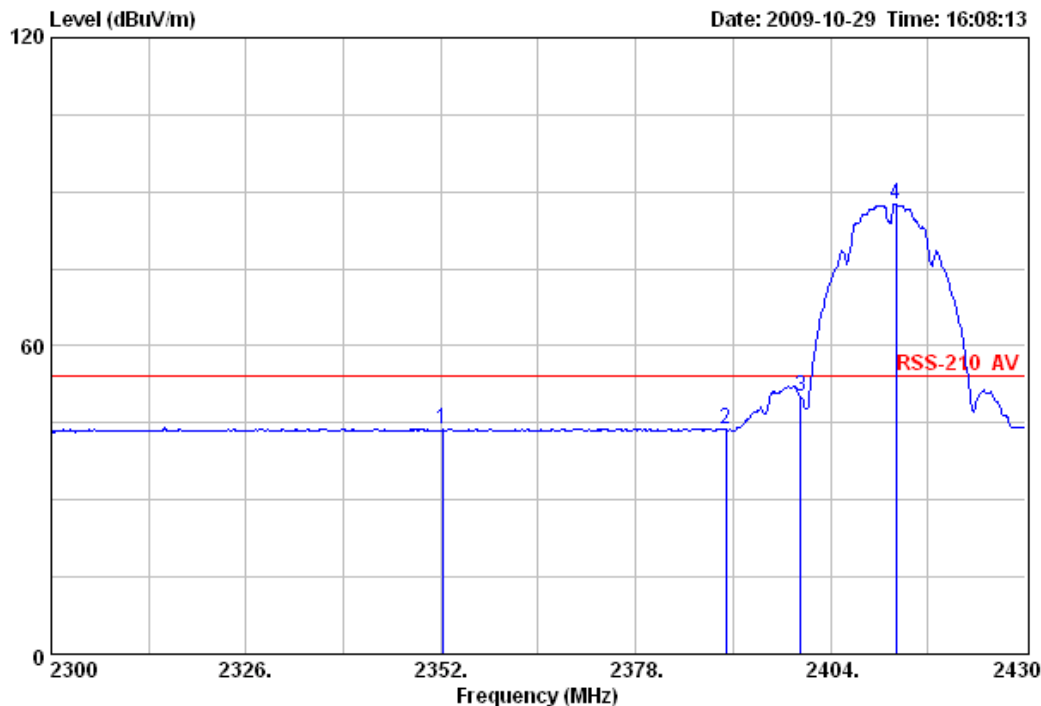
		Emission				Ant. Cable		
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor (dB/m)	Loss (dB)	Remark
1	2352.26	43.59	54.00	10.41	9.92	31.45	2.22	Average
2	2390.00	43.70	54.00	10.30	10.00	31.48	2.22	Average
3	2400.00	50.90	54.00	3.10	17.17	31.50	2.23	Average
4	2412.71	88.64	54.00	-34.64	54.91	31.50	2.23	Average



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Data: 127 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

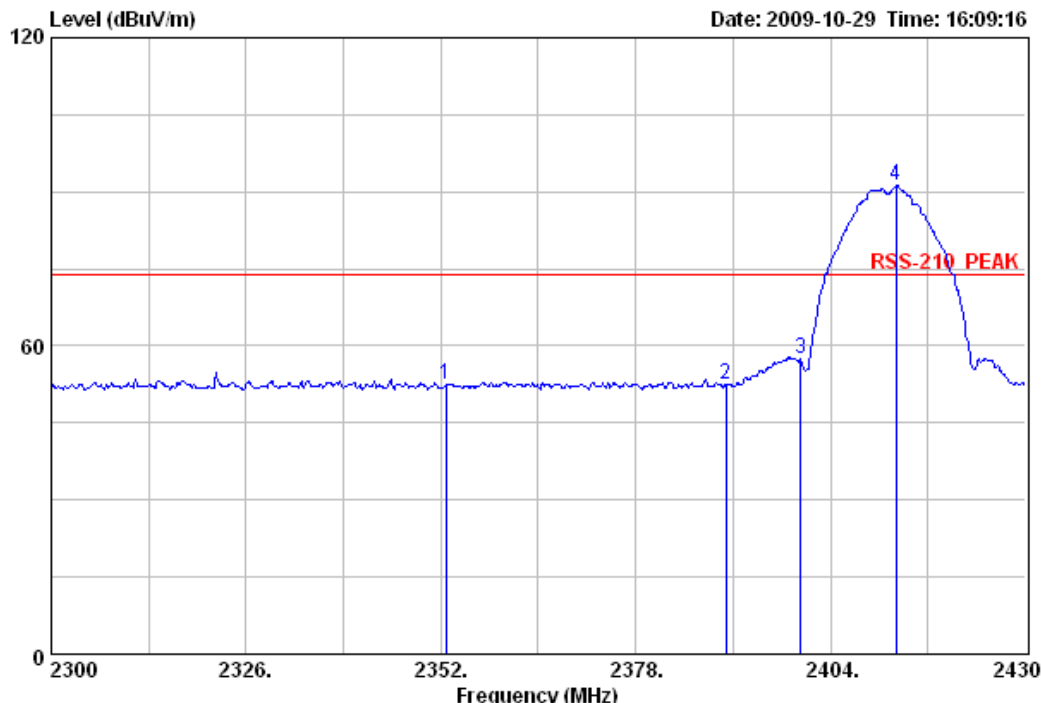
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.26	43.64	54.00	10.36	9.97	31.45	2.22	Average
2	2390.00	43.65	54.00	10.35	9.95	31.48	2.22	Average
3	2400.00	50.23	54.00	3.77	16.50	31.50	2.23	Average
4	2412.71	87.68	54.00	-33.68	53.95	31.50	2.23	Average



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Data: 128 File: D:\Radiation data\K\Kadence.EMI (190)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH1 2412MHz

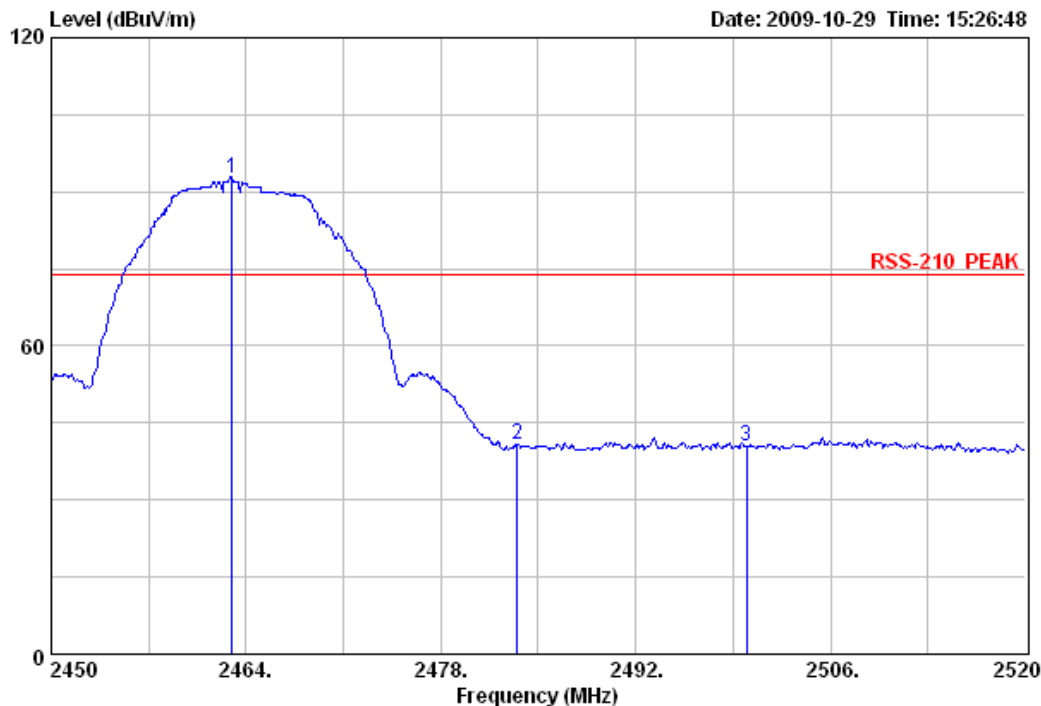
		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2352.65	52.33	74.00	21.67	18.66	31.45	2.22	Peak
2	2390.00	52.50	74.00	21.50	18.80	31.48	2.22	Peak
3	2400.00	57.46	74.00	16.54	23.73	31.50	2.23	Peak
4	2412.71	91.20	74.00	-17.20	57.47	31.50	2.23	Peak



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Data: 105 File: D:\Radiation data\K\Kadence.EMI (194)



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

	Emission				Ant. Cable		
Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1 2463.02	92.63	74.00	-18.63	58.84	31.56	2.23	Peak
2 2483.50	40.85	74.00	33.15	7.04	31.58	2.23	Peak
3 2500.00	40.37	74.00	33.63	6.54	31.60	2.23	Peak

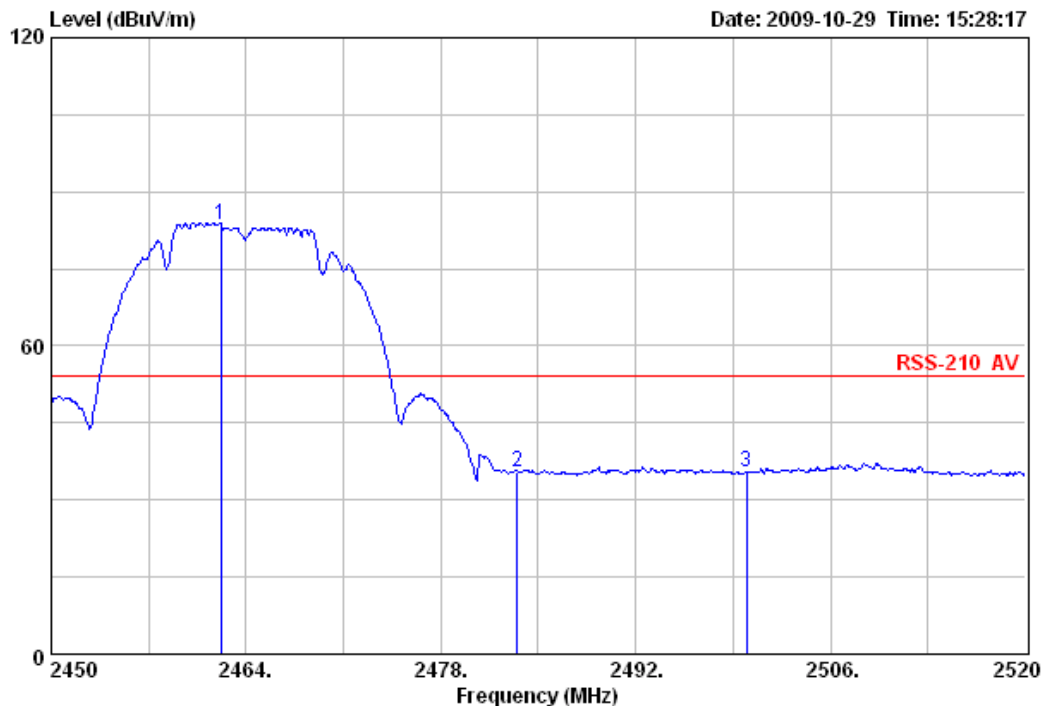


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Data: 106 File: D:\Radiation data\K\Kadence.EMI (194)

Date: 2009-10-29 Time: 15:28:17



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

		Emission				Ant.	Cable	
	Freq.	Level	Limits	Margin	Reading	Factor	Loss	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(dB/m)	(dB)	
1	2462.18	83.49	54.00	-29.49	49.70	31.56	2.23	Average
2	2483.50	35.39	54.00	18.61	1.58	31.58	2.23	Average
3	2500.00	35.33	54.00	18.67	1.50	31.60	2.23	Average

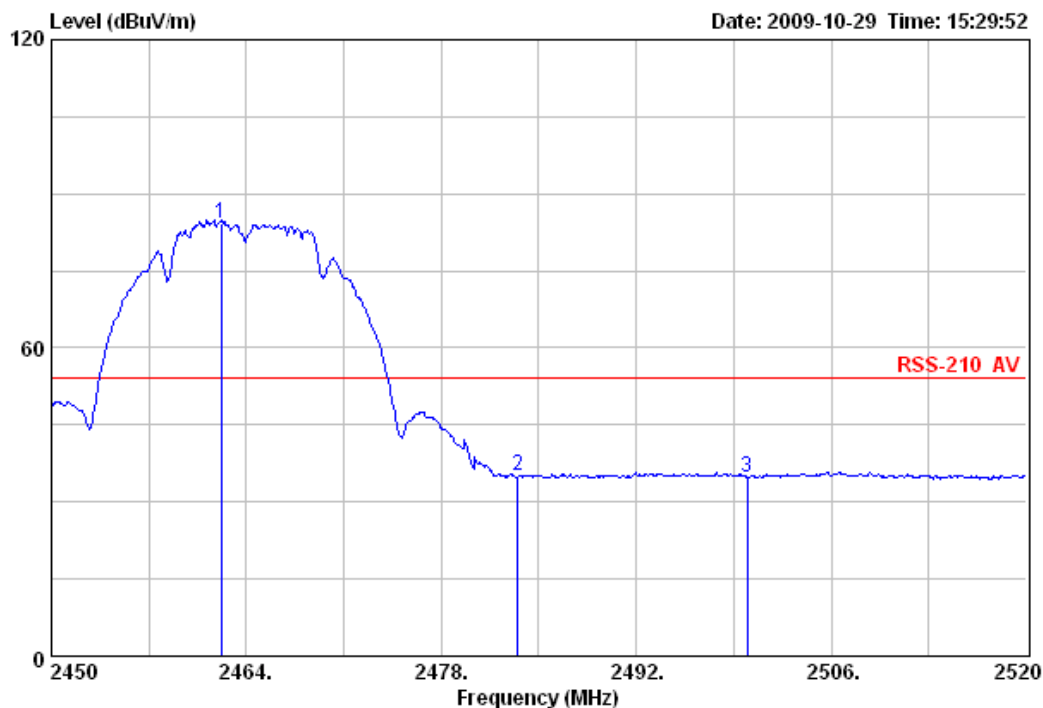


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Data: 107 File: D:\Radiation data\K\Kadence.EMI (194)

Date: 2009-10-29 Time: 15:29:52



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

	Emission				Ant. Cable		Remark
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor (dB/m)	Loss (dB)	
1 2462.18	84.53	54.00	-30.33	50.54	31.56	2.23	Average
2 2483.50	35.00	54.00	19.00	1.19	31.58	2.23	Average
3 2500.00	34.79	54.00	19.21	0.96	31.60	2.23	Average

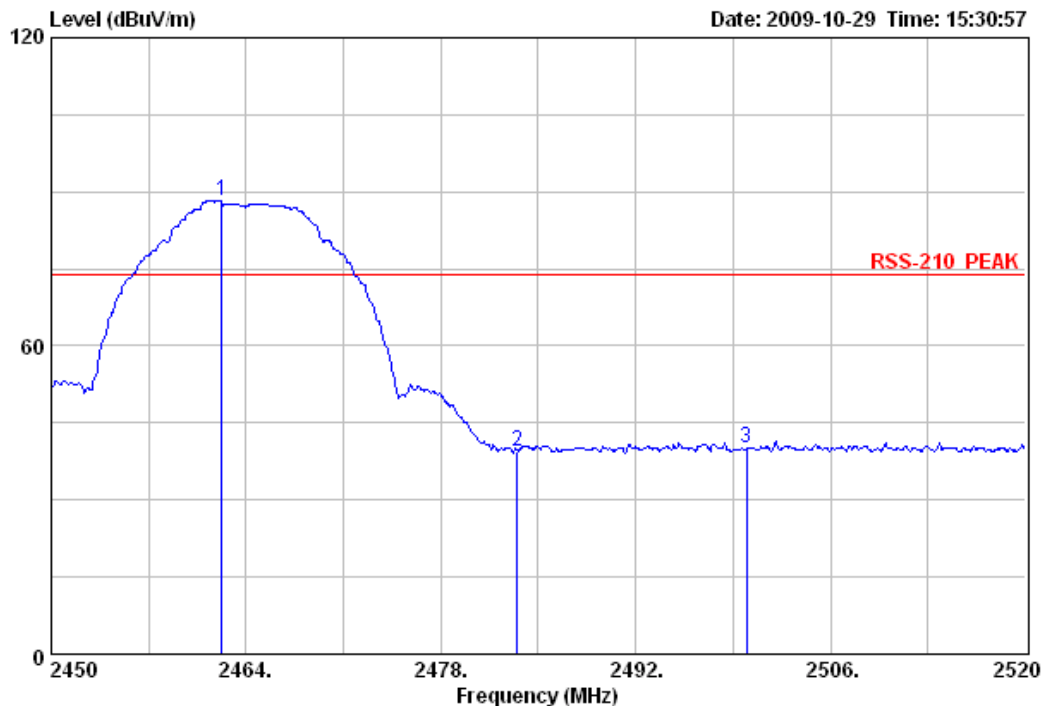


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Data: 108 File: D:\Radiation data\K\Kadence.EMI (190)

Date: 2009-10-29 Time: 15:30:57



Test Site : 966 Chamber
Limit : RSS-210 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%
Test Mode : AUX IN1(Playing with rock music)
TX 802.11g CH11 2462MHz

	Freq. (MHz)	Emission		Margin (dB)	Reading (dBuV)	Ant. Factor (dB/m)	Cable Loss (dB)	Remark
		Level (dBuV/m)	Limits (dBuV/m)					
1	2462.25	88.32	74.00	-14.32	54.53	31.56	2.23	Peak
2	2483.50	39.56	74.00	34.44	5.75	31.58	2.23	Peak
3	2500.00	40.12	74.00	33.88	6.29	31.60	2.23	Peak

