APPLICATION FOR CERTIFICATION
On Behalf of

Hip Shing Electronics Ltd.

Internet Radio

Model Number: Blik Wi-Fi

Prepared for : Hip Shing Electronics Ltd.
Units 1,2&3, 20/F New Treasure Centre, 10 Ng Fong Street, San Po Kong, Kowloon, Hong Kong

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
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Report Number	:	ACS-F08271
Date of Test	:	May.23~28, 2008
Date of Report	:	May.28, 2008

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TEST REPORT FOR CERTIFICATION

Applicant	:	Hip Shing Electronics Ltd.
Manufacturer	:	DongGuan Zhi Cheng Electronic Products Co., Ltd.
EUT Description	:	Internet Radio

(A) MODEL NO. : Blik Wi-Fi

(B) SERIAL NO. : N/A

(C) POWER SUPPLY : DC 9V From Adaptor

(D) TEST VOLTAGE : DC 9V From Adaptor AC 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C 2007

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits both radiated and conducted emissions.
The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

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

Date of Test : May.23~28, 2008

Prepared by : YoYo Wang

YoYo Wang / Assistant

Reviewer : Jamy Yu

Jamy Yu / Senior Engineer

Audix Technology (Shenzhen) Co., Ltd.
EMC 專門報告專用章
Stamp only for EMC Dept. Report
Signature:

Approved & Authorized Signer : Ken Lu 6/3 08'

Ken Lu / Deputy Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

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

EMISSION		
Description of Test Item	**Standard**	**Results**
Conducted Emission Test	FCC Part 15: 15.207 ANSI C63.4: 2003 KDB58074	PASS
Radiated Emission Test	FCC Part 15: 15.209 ANSI C63.4: 2003 KDB58074	PASS
6dB Bandwidth Test	FCC Part 15: 15.247 KDB58074	PASS
Output Power Test	FCC Part 15: 15.247 KDB58074	PASS
Band Edge Compliance Test	FCC Part 15: 15.247 KDB58074	PASS
Power Spectral Density Test	FCC Part 15: 15.247 KDB58074	PASS
MPE ESTIMATION	FCC Part 2: 2.1093	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

Product name	:	Internet Radio
Model Number	:	Blik Wi-Fi
Operation frequency	:	IEEE 802.11b/g: 2412MHz - 2462MHz
Channel Number	:	IEEE 802.11b/g:11 Channels
Modulation Technology	:	DSSS for IEEE 802.11b and OFDM for IEEE 802.11g
Data Rate	:	IEEE 802.11b: 11/5.5/2/1Mbps. IEEE 802.11g: 54/48/36/24/18/12/9/6Mbps.
Output power	:	13.60 dBm(Maximum Peak measured)
Antenna Assembly Gain	:	2dBi (maximum)
Applicant	:	Hip Shing Electronics Ltd.
		Units 1,2&3, 20/F New Treasure Centre, 10 Ng Fong Street, San Po Kong, Kowloon, Hong Kong
Manufacturer	:	DongGuan Zhi Cheng Electronic Products Co., Ltd.
		Tangxia Ping San 188 Ind. Zone, Dongguanshi, China
Date of Test	:	May.23~28, 2008
Date of Receipt	:	May.20, 2008
Sample Type	:	Prototype production

2.2.Date rate VS power

Mode	Data rate(Mbps)	CH	Level(dBm)	Limit (dBm)
11b	1	CH6	10.19	**30**
	2	CH6	10.03	**30**
	5.5	CH6	9.89	**30**
	11	CH6	10.01	**30**
11g	6	CH6	10.26	**30**
	9	CH6	10.11	**30**
	12	CH6	9.97	**30**
	18	CH6	10.10	**30**
	24	CH6	10.07	**30**
	36	CH6	9.98	**30**
	48	CH6	10.11	**30**
	54	CH6	10.03	**30**
When IEEE 802.11b's data rate was 1Mbps; IEEE 802.11g's data rate was 6Mbps. EUT have maximum output power and all the test was performed in this data rate set.				

2.3.Test Facility

Site Description

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

3m Anechoic Chamber : Jun. 13, 2006 File on Federal Communication Commission Registration Number: 90454

3m & 10m Anechoic Chamber : Jan. 31, 2007 File on Federal Communication Commission Registration Number: 794232

EMC Lab. : Accredited by DATech, German
Registration Number: DAT-P-091/99-01
Dec. 20, 2007

Accredited by NVLAP, USA
NVLAP Code: 200372-0
Apr. 01, 2007

2.4.Measurement Uncertainty

No.	Item	MU	Remark
1	Uncertainty for Conducted Emission Test	2.02dB	
2	Uncertainty for Radiated Emission Test<1GHz	3.44 dB	Polarize: V
		3.96 dB	Polarize: H
3.	Uncertainty for Radiated Emission Test>1GHz	4.79dB	
4.	Uncertainty for Frequency measure	$0.42*10^{-6}$	
5.	Uncertainty for conducted power measure	0.112	

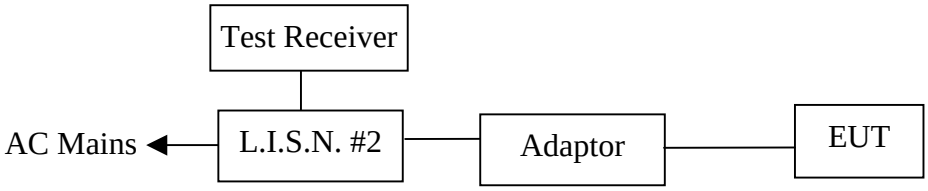
3. POWER LINE CONDUCTED EMISSION TEST

3.1.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	Dec.19, 07	1 Year
2.	L.I.S.N.#2	Kyoritsu	KNW-407	8-1636-1	May 10,08	1 Year
3.	L.I.S.N.#3	EMCO	3825/2	9006-1660	May 10,08	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 1	May 10,08	1 Year
5.	RF Cable	Fujikura	3D-2W	LISN Cable 1#	Jan.09, 08	1/2 Year
6.	Coaxial Switch	Anritsu	MP59B	M55367	Jan.09,08	1/2 Year
7.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100340	Jan.09,08	1/2 Year

3.2.Block Diagram of Test Setup

3.2.1.Block diagram of connection between the EUT and simulators



(EUT: Internet Radio)

3.3.Power Line Conducted Emission Test Limits

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

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

3.4.Configuration of EUT on Test

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

3.4.1.Internet Radio (EUT)

Model Number : Blik Wi-Fi
Serial Number : N/A
Manufacturer : DongGuan Zhi Cheng Electronic Products Co., Ltd.

3.5.Operating Condition of EUT

3.5.1.Setup the EUT and simulator as shown as Section 3.2.

3.5.2.Turn on the power of all equipment.

3.5.3.Let the EUT worked in test mode (Tx Mode)

3.6.Test Procedure

The EUT is connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. Power on the PC and let it work normally, we use a keyboard test soft ware, let EUT working in test mode, then test it. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Test.

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

The frequency range from 150kHz to 30MHz is checked.

The test result are reported on Section 3.7.,

3.7.Power Line Conducted Emission Test Results

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

The EUT with the following test modes was tested and selected (mode 1) to read Q.P values and average values, all the test results are listed in next pages.

EUT: Internet Radio Model No. : Blik Wi-Fi

Test Date: May.24, 2008 Temperature: 29.5℃ Humidity: 55%

The details of test modes are as follows：

No.	Test Mode	Reference Test Data No.	
		VA	VB
1.	TX Mode	# 4	# 3

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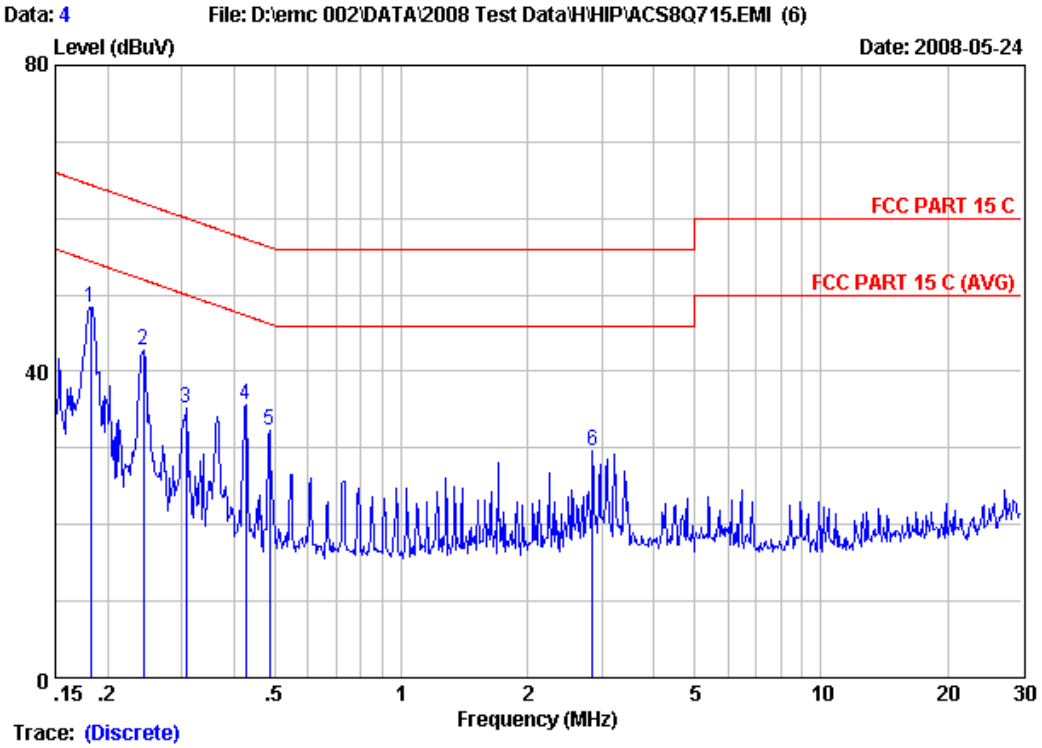

Site no :Audix No.1 Conduction Data no :4
Dis./Ant. :-- KNW407 VA (1#)
Limit :FCC PART 15 C
Env./Ins. :29.5*C/55% ESHS 10 Engineer :Jamy
EUT :Internet Radio M/N:Blik Wi-Fi
Power Rating :DC 9V From adapter AC 120V/60Hz
Test Mode :Wi-Fi Tx Mode

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.18	0.17	10.15	38.12	48.44	64.37	15.93	QP
2	0.24	0.14	10.15	32.40	42.69	62.00	19.31	QP
3	0.31	0.11	10.15	25.06	35.32	60.06	24.74	QP
4	0.43	0.07	10.14	25.53	35.74	57.33	21.59	QP
5	0.49	0.05	10.14	22.04	32.23	56.23	24.00	QP
6	2.85	0.08	10.17	19.28	29.53	56.00	26.47	QP

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

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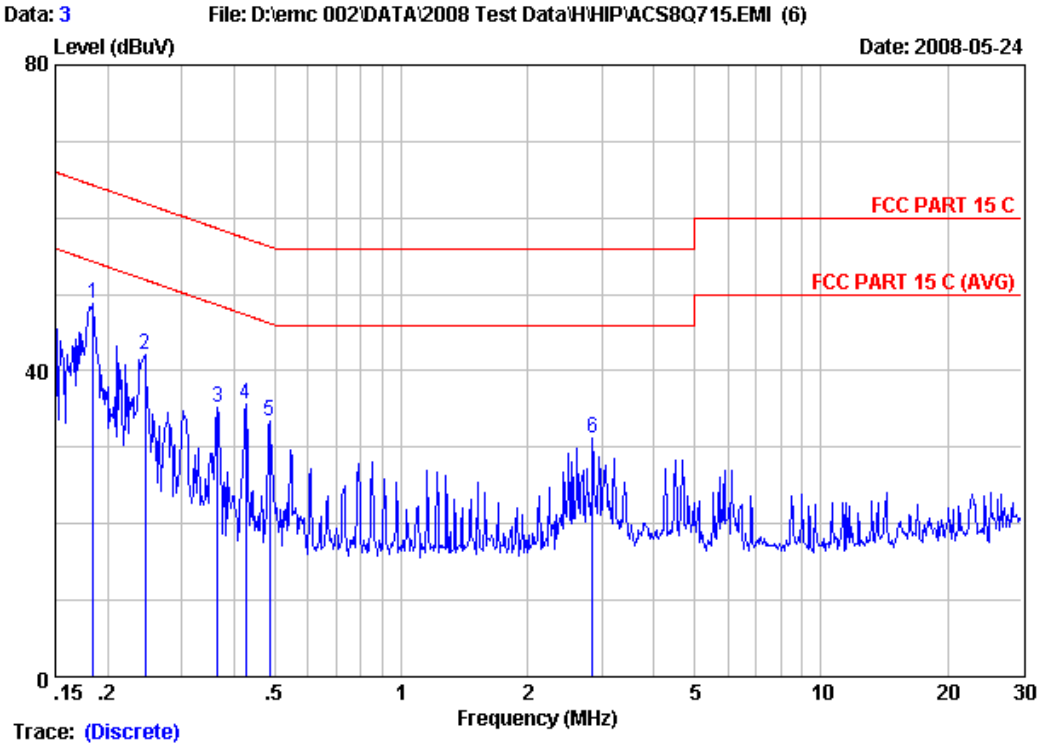


Site no : Audix No.1 Conduction Data no :3
Dis./Ant. :-- KNW407 VB (1#)
Limit :FCC PART 15 C
Env./Ins. :29.5*C/55% ESHS 10 Engineer :Jamy
EUT :Internet Radio M/N:Blik Wi-Fi
Power Rating :DC 9V From adapter AC 120V/60Hz
Test Mode :Wi-Fi Tx Mode

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.18	0.18	10.15	38.48	48.81	64.28	15.47	QP
2	0.25	0.13	10.15	31.85	42.13	61.91	19.78	QP
3	0.37	0.09	10.14	25.09	35.32	58.61	23.29	QP
4	0.43	0.07	10.14	25.43	35.64	57.33	21.69	QP
5	0.49	0.05	10.14	23.34	33.53	56.23	22.70	QP
6	2.85	0.08	10.17	20.91	31.16	56.00	24.84	QP

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

4. RADIATED EMISSION TEST

4.1.Test Equipment

Frequency rang: 30~1000MHz

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	3#Chamber	AUDIX	N/A	N/A	Dec.10.07	1/2 Year
2.	EMI Spectrum	Agilent	E7403A	MY42000106	May 10, 08	1 Year
3.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	Dec.19, 07	1 Year
4.	Amplifier	HP	8447D	2944A04738	Jan.09, 08	1/2 Year
5.	Bilog Antenna	Schaffner	CBL6112D	25237	Feb.21, 08	1 Year
6.	RF Cable	JINGCHENG	KLMR400	3# Chamber No.1	Apr.24,08	1/2 Year
7.	RF Cable	JINGCHENG	JBY400	3# Chamber No.2	Apr.24.08	1/2 Year
8.	RF Cable	JINGCHENG	JBY400	3# Chamber No.3	Apr.24.08	1/2 Year
9.	RF Cable	JINGCHENG	JBY400	3# Chamber No.4	Apr.24.08	1/2 Year
10.	Coaxial Switch	Anritsu	MP59B	M73989	Apr.24.08	1/2 Year

Frequency rang: above 1000MHz

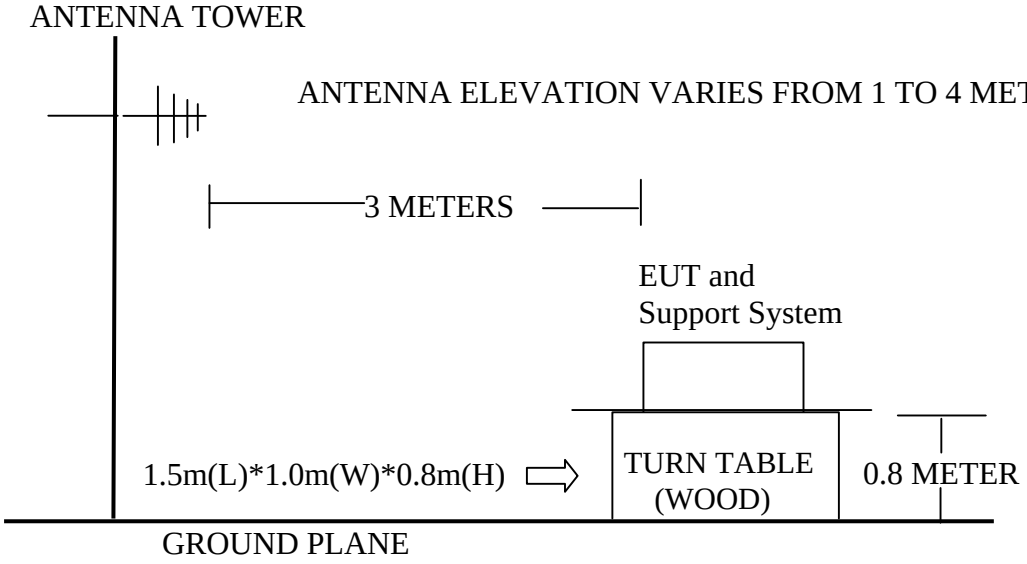
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	MY41440292	May 10, 08	1 Year
2.	Amp	HP	8449B	3008A00863	May 10, 08	1 Year
3.	Antenna	EMCO	3115	9607-4877	Jan. 23, 07	1.5 Year
4	Antenna	EMCO	3116	00060088	May 28, 07	1 Year
5.	HF Cable	Hubersuhne	Sucoflex104	-	May 10, 08	1 Year

4.2.Block Diagram of Test Setup

4.2.1.Block diagram of connection between the EUT and simulators

(EUT: Internet Radio)

4.2.2.In Anechoic Chamber



4.3.Radiated Emission Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Remark： (1) Emission level dBμV = 20 log Emission level μV/m

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

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

4.4.EUT Configuration on Test

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

4.4.1.Internet Radio (EUT)

Model Number	:	Blik Wi-Fi
Serial Number	:	N/A
Manufacturer	:	DongGuan Zhi Cheng Electronic Products Co., Ltd.

4.5.Operating Condition of EUT

4.5.1.Setup the EUT and simulator as shown as Section 4.2.

4.5.2.Turn on the power of all equipment.

4.5.3.Let the EUT worked in test mode (Tx Mode)

4.6.Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it work normally, we use a keyboard test soft ware, let EUT working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW 10Hz VBW for average emission above 1GHz

The frequency range from 30MHz to 10^{th} harmonic are checked.

The test modes (IEEE 802.11b TX/ IEEE 802.11g TX) are tested in Anechoic Chamber and all the scanning waveforms are reported with antenna in horizontal and vertical polarization on Section 4.7.

4.7.Radiated Emission Test Results

PASS.

The frequency range from 30MHz to 1000MHz and above 1GHz is investigated. Please see the following pages.

All the emissions 18GHz~25GHz are peak measured and comply with average limit.

Test Date: May.23~28, 2008 Temperature: 24℃ Humidity: 56%

The details of test modes are as follows：

Test Mode	Frequency (MHz)	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	30~1000	Tx Mode	#4	#3
2.	1000~18000	Tx IEEE802.11b CH1 2412MHz	#1(P), #2(Av)	#3(P), #4(Av)
3.		Tx IEEE802.11b CH6 2437MHz	#7(P), #8(Av)	#5(P), #6(Av)
4.		Tx IEEE802.11b CH11 2462MHz	#9(P), #10(Av)	#11(P), #12(Av)
5.		Tx IEEE802.11g CH1 2412MHz	#15(P), #16(Av)	#13(P), #14(Av)
6.		Tx IEEE802.11g CH6 2437MHz	#17(P), #18(Av)	#19(P), #20(Av)
7.		Tx IEEE802.11g CH11 2462MHz	#23(P), #24(Av)	#21(P), #22(Av)
8.	18000~25000	Tx IEEE802.11b CH1 2412MHz	#25	#26
9.		Tx IEEE802.11b CH6 2437MHz	#28	#27
10.		Tx IEEE802.11b CH11 2462MHz	#29	#30
11.		Tx IEEE802.11g CH1 2412MHz	#32	#31
12.		Tx IEEE802.11g CH6 2437MHz	#33	#34
13.		Tx IEEE802.11g CH11 2462MHz	#36	#35
Note: “P” means “peak”, “Av” means “average”				

Frequency: 30MHz~1GHz

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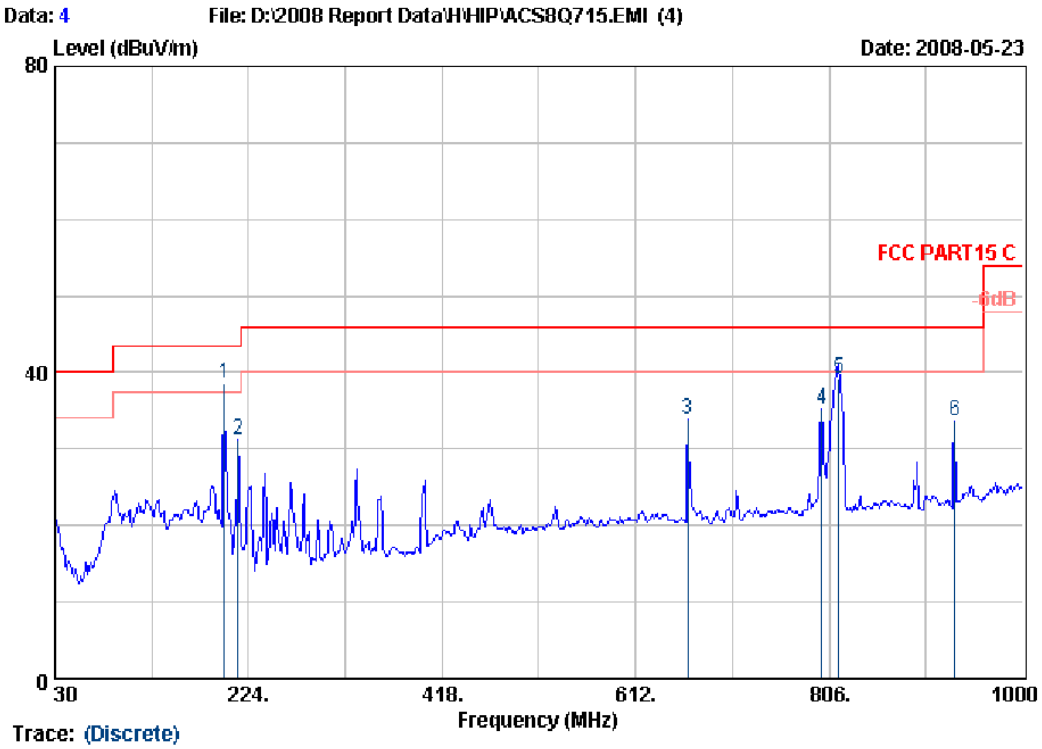

Site no. : 3# Chamber Radiation Data no. : 4
Dis. / Ant. : 3m CBL6112D Ant. pol. : HORIZONTAL
Limit : FCC PART15 C
Env. / Ins. : 24*C/56% ESVS20 Engineer : Power
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating : DC 9V From adapter AC 120V/60Hz
Test Mode : Wi-Fi Tx Mode

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	200.05	9.53	1.06	28.00	38.59	43.50	4.91	QP
2	213.33	9.13	1.14	20.98	31.25	43.50	12.25	QP
3	664.38	18.93	2.11	12.73	33.77	46.00	12.23	QP
4	798.24	19.52	2.35	13.32	35.19	46.00	10.81	QP
5	815.83	19.60	2.36	17.35	39.31	46.00	6.69	QP
6	931.83	20.42	2.59	10.62	33.63	46.00	12.37	QP

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

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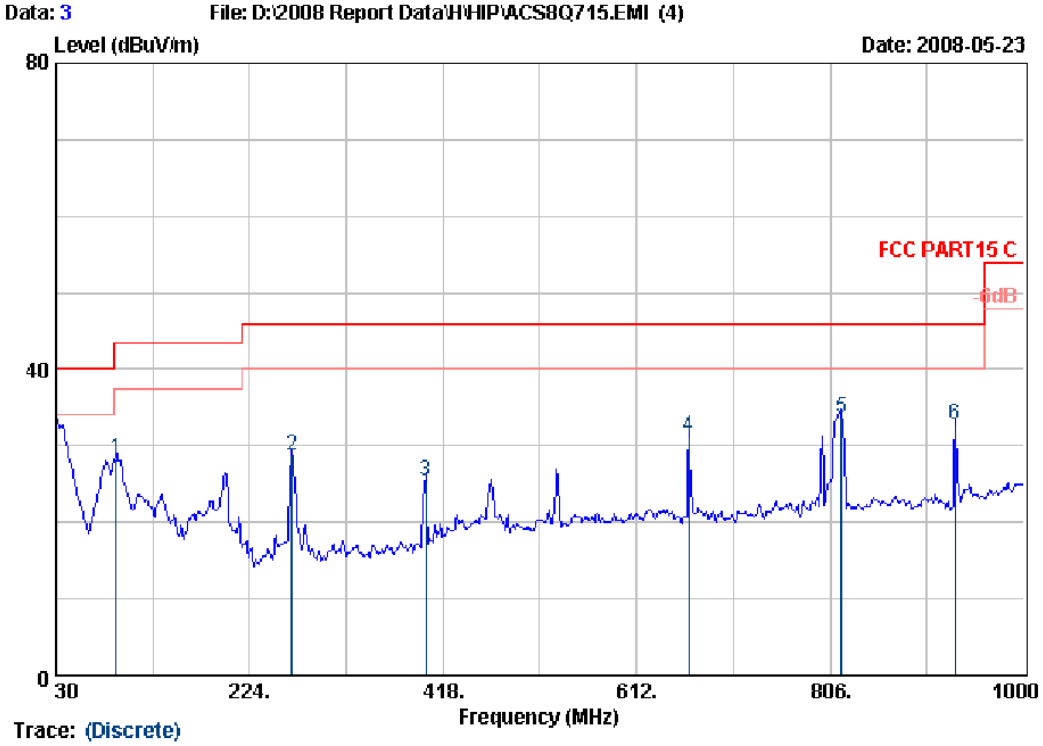

Site no. : 3# Chamber Radiation Data no. : 3
Dis. / Ant. : 3m CBL6112D Ant. pol. : VERTICAL
Limit : FCC PART15 C
Env. / Ins. : 24*C/56% ESVS20 Engineer : Power
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating : DC 9V From adapter AC 120V/60Hz
Test Mode : Wi-Fi Tx Mode

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	90.14	9.43	0.73	18.25	28.41	43.50	15.09	QP
2	266.68	12.97	1.27	14.40	28.64	46.00	17.36	QP
3	400.54	14.97	1.66	8.81	25.44	46.00	20.56	QP
4	664.38	18.93	2.11	10.25	31.29	46.00	14.71	QP
5	817.64	19.64	2.43	11.64	33.71	46.00	12.29	QP
6	931.13	20.36	2.59	9.78	32.73	46.00	13.27	QP

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

Frequency: 1GHz~18GHz

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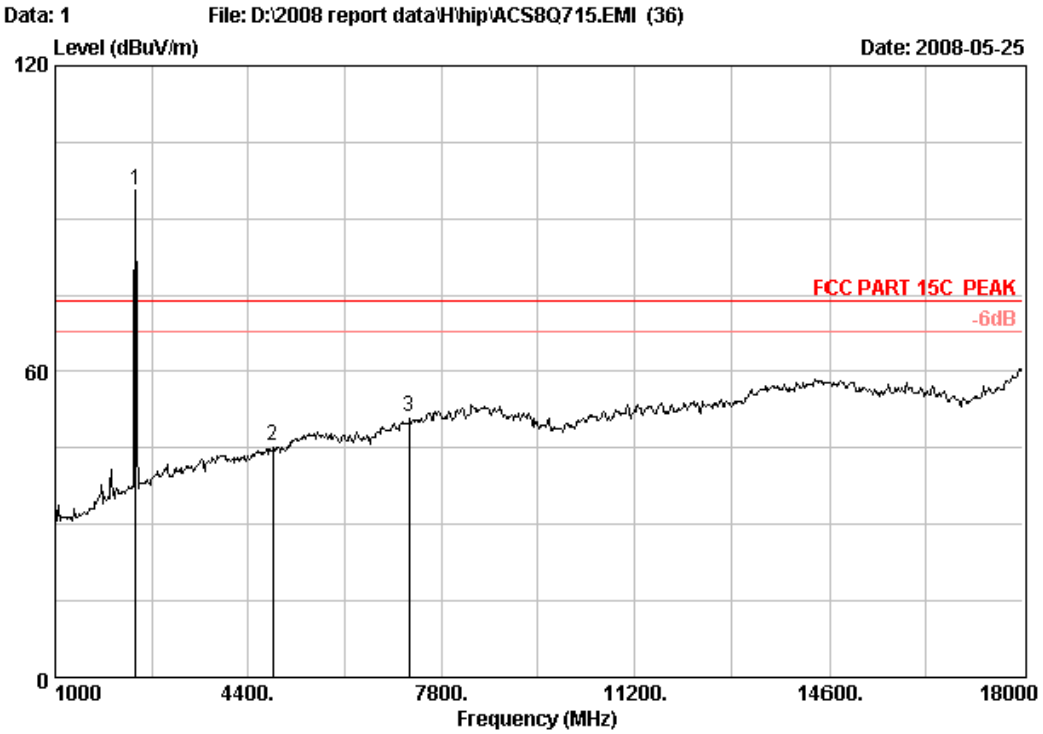

Site no. : RF Chamber Data no. : 1
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	29.03	6.73	35.18	94.88	95.46	74.00	-21.46	Peak
2	4824.00	34.02	10.55	34.49	35.27	45.35	74.00	28.65	Peak
3	7236.00	37.39	12.16	34.44	35.90	51.01	74.00	22.99	Peak

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

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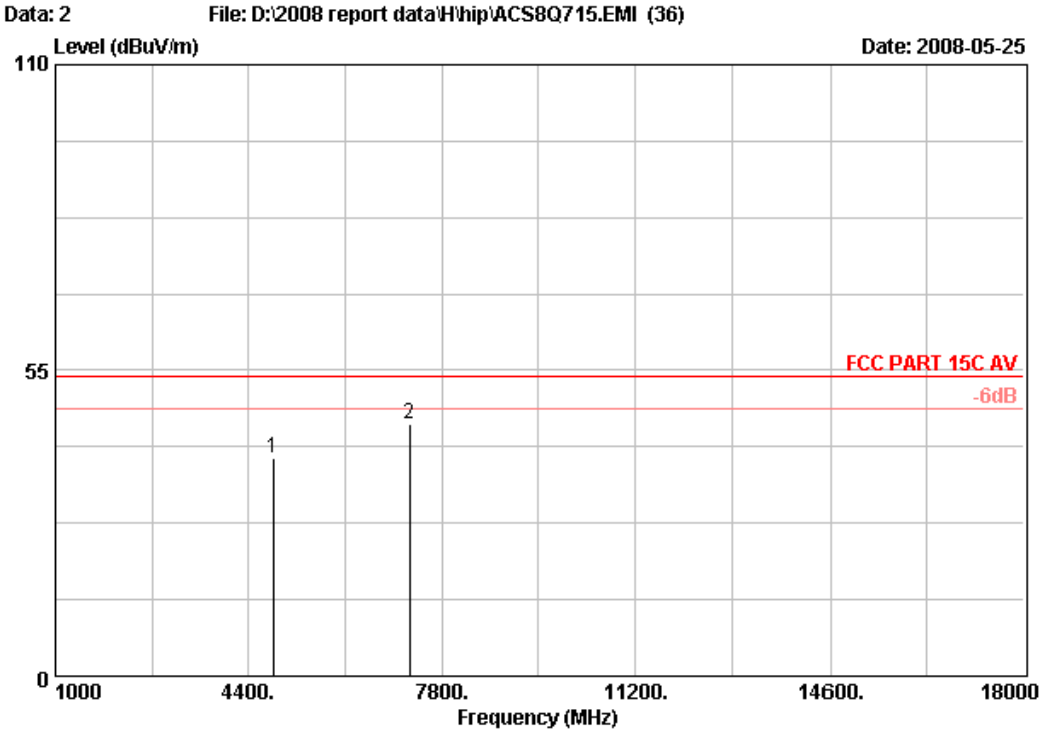

Site no. : RF Chamber Data no. : 2
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	34.02	10.55	34.49	29.11	39.19	54.00	14.81	Average
2	7236.00	37.39	12.16	34.44	30.15	45.26	54.00	8.74	Average

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

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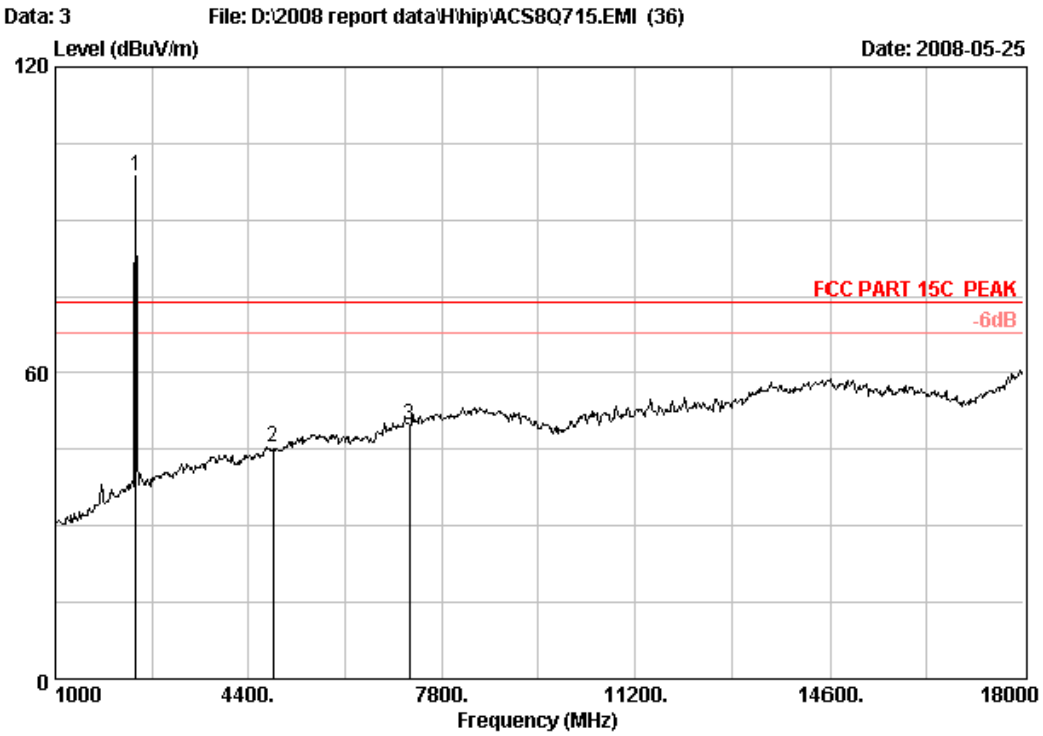

Site no. : RF Chamber Data no. : 3
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	29.03	6.73	35.18	97.96	98.54	74.00	-24.54	Peak
2	4824.00	34.02	10.55	34.49	35.42	45.50	74.00	28.50	Peak
3	7236.00	37.39	12.16	34.44	34.72	49.83	74.00	24.17	Peak

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

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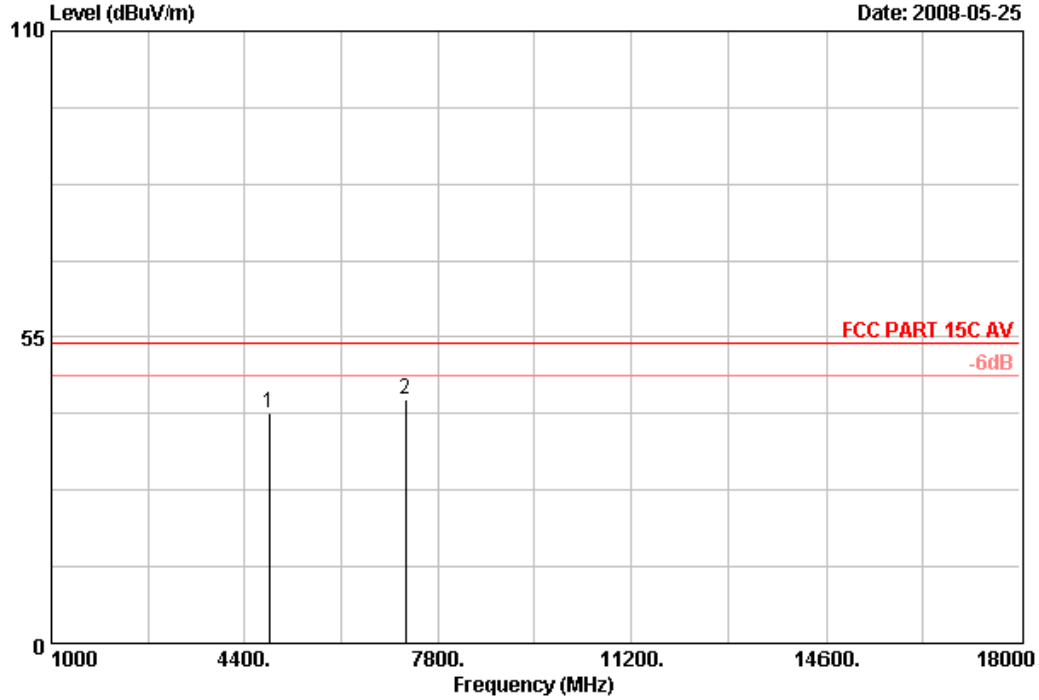
Postcode:518057

Data: 4 File: D:\2008 report data\H\hip\ACS8Q715.EMI (36)



Site no. : RF Chamber Data no. : 4
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	34.02	10.55	34.49	31.24	41.32	54.00	12.68	Average
2	7236.00	37.39	12.16	34.44	28.75	43.86	54.00	10.14	Average

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

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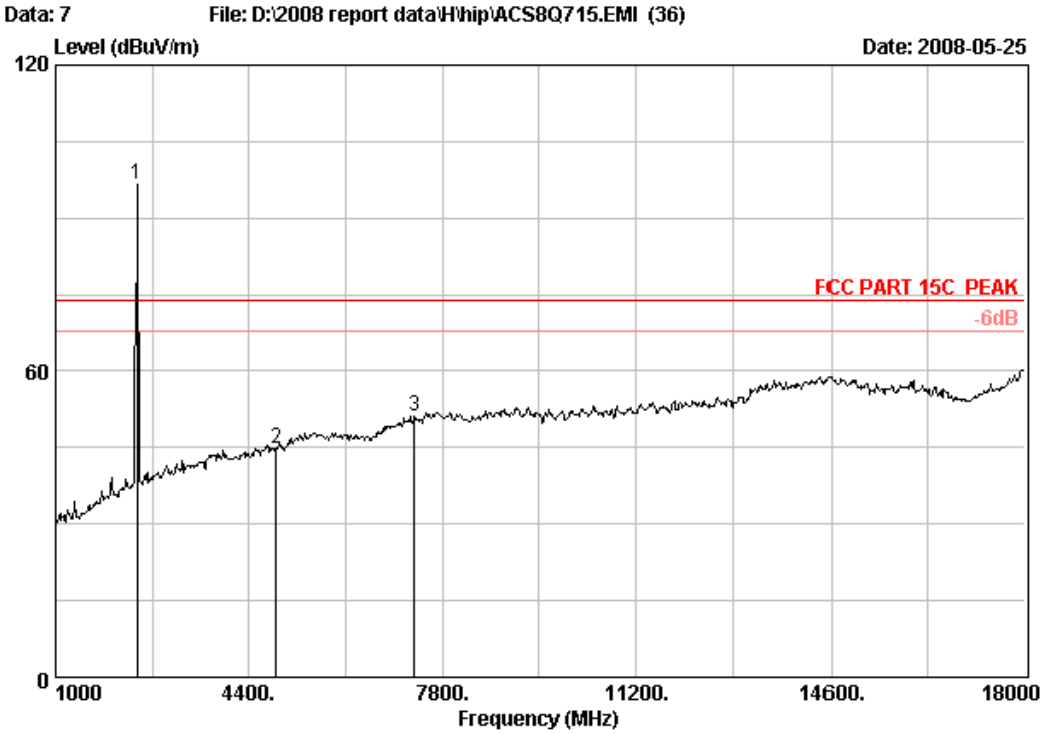

Site no. : RF Chamber Data no. : 7
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	29.11	6.80	35.17	95.83	96.57	74.00	-22.57	Peak
2	4874.00	34.16	10.56	34.48	34.39	44.63	74.00	29.37	Peak
3	7311.00	37.50	12.17	34.46	36.09	51.30	74.00	22.70	Peak

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

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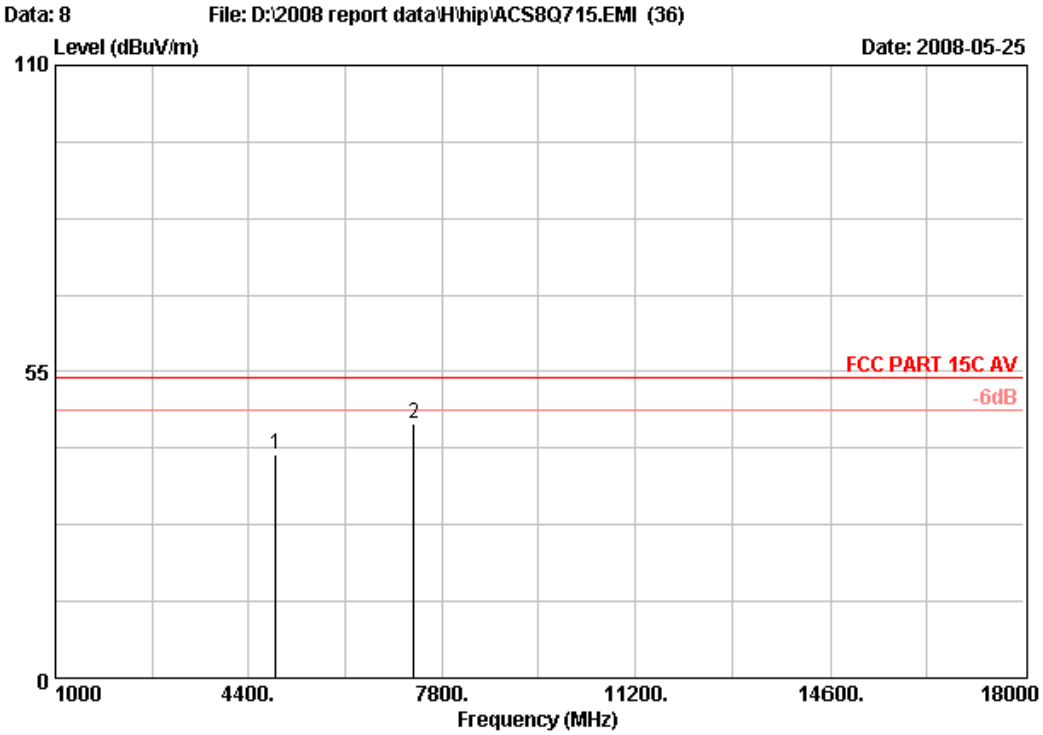

Site no. : RF Chamber Data no. : 8
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	34.16	10.56	34.48	29.75	39.99	54.00	14.01	Average
2	7311.00	37.50	12.17	34.46	30.59	45.80	54.00	8.20	Average

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

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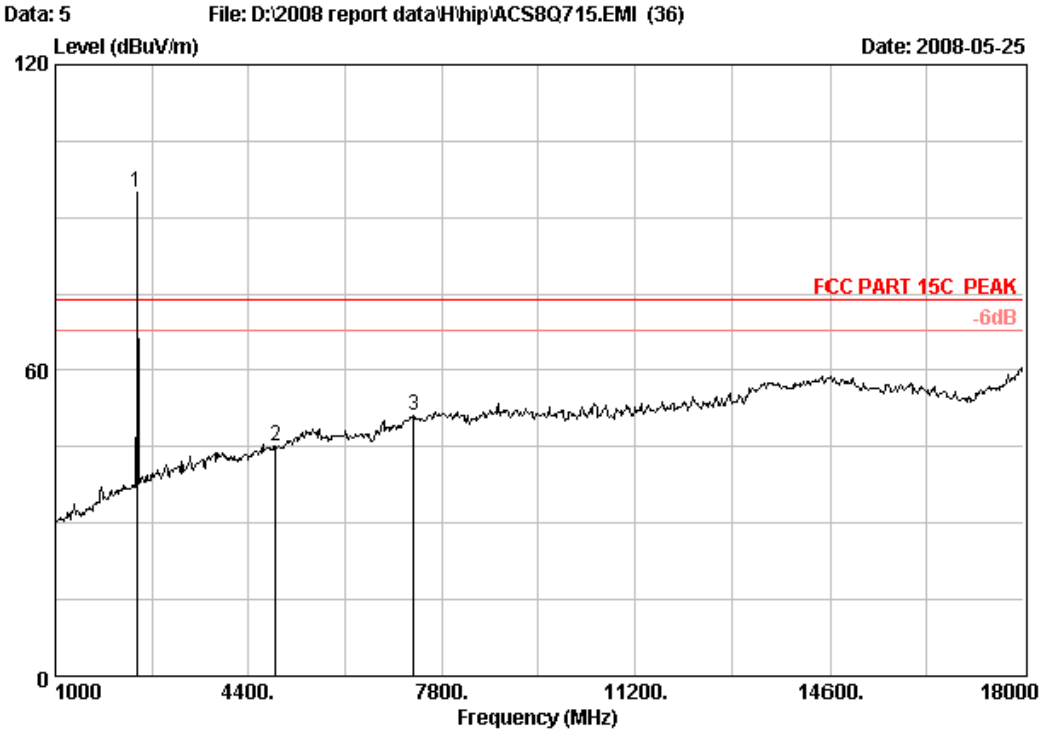

Site no. : RF Chamber Data no. : 5
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	29.11	6.80	35.17	94.07	94.81	74.00	-20.81	Peak
2	4874.00	34.16	10.56	34.48	34.93	45.17	74.00	28.83	Peak
3	7311.00	37.50	12.17	34.46	36.03	51.24	74.00	22.76	Peak

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

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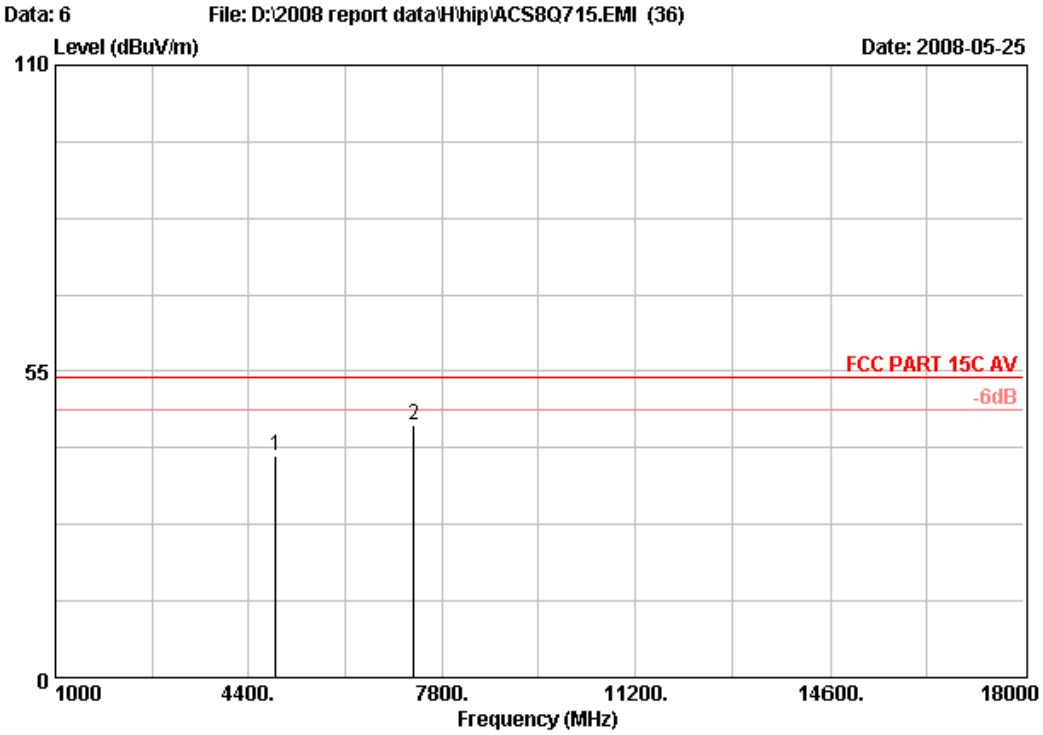

Site no. : RF Chamber Data no. : 6
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	34.16	10.56	34.48	29.45	39.69	54.00	14.31	Average
2	7311.00	37.50	12.17	34.46	30.12	45.33	54.00	8.67	Average

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

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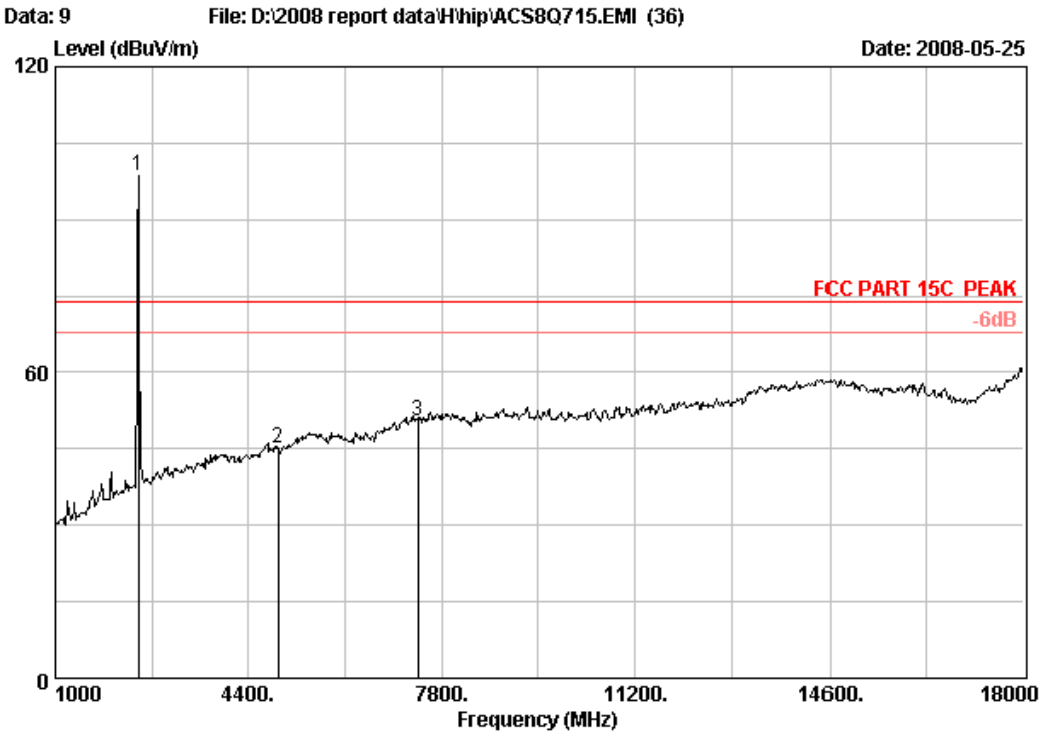

Site no. : RF Chamber Data no. : 9
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	29.15	6.84	35.17	97.85	98.67	74.00	-24.67	Peak
2	4924.00	34.29	10.58	34.47	34.57	44.97	74.00	29.03	Peak
3	7386.00	37.63	12.31	34.47	34.99	50.46	74.00	23.54	Peak

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

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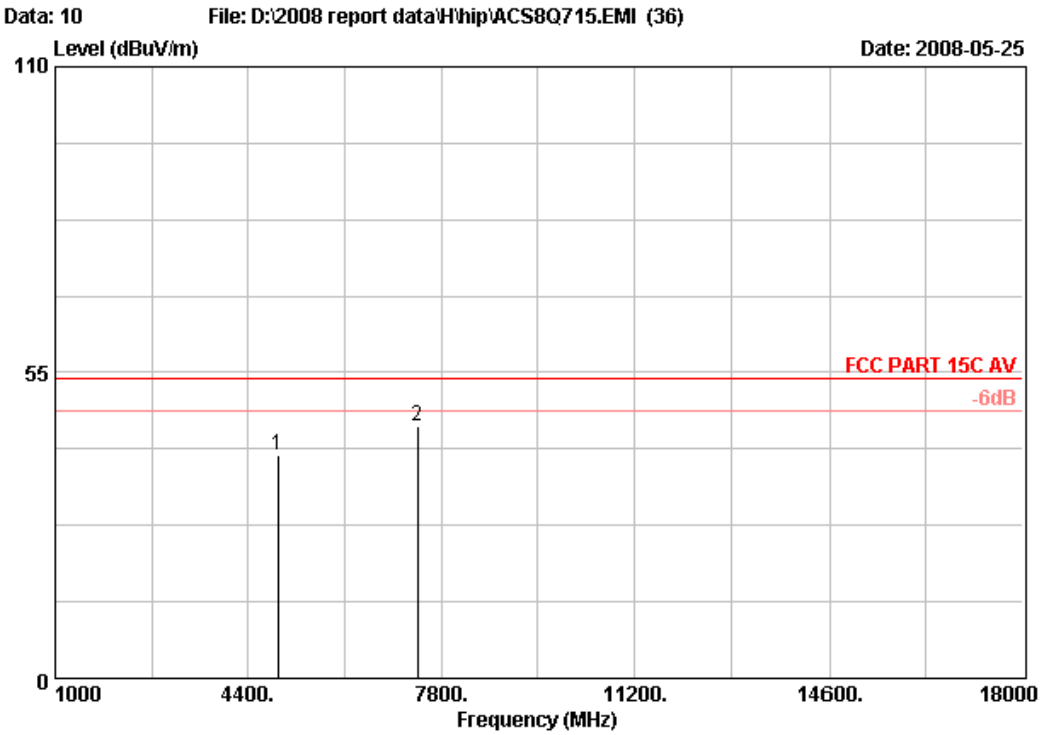

Site no. : RF Chamber Data no. : 10
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	34.29	10.58	34.47	29.65	40.05	54.00	13.95	Average
2	7386.00	37.63	12.31	34.47	29.76	45.23	54.00	8.77	Average

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

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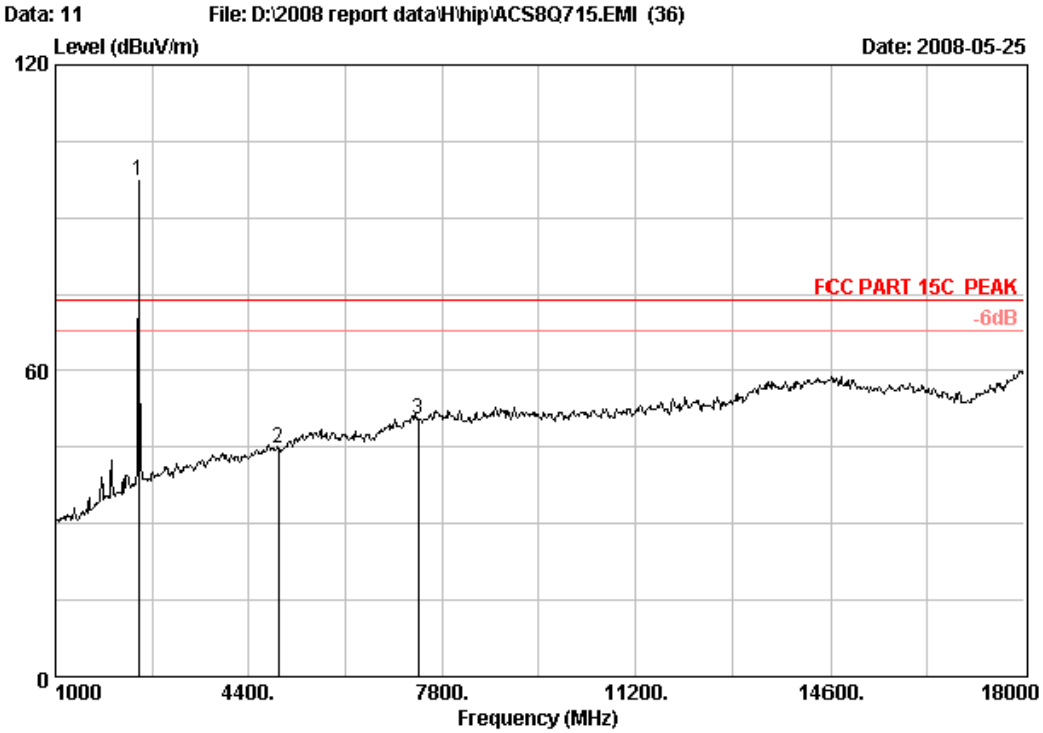

Site no. : RF Chamber Data no. : 11
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	29.15	6.84	35.17	96.33	97.15	74.00	-23.15	Peak
2	4924.00	34.29	10.58	34.47	34.34	44.74	74.00	29.26	Peak
3	7386.00	37.63	12.31	34.47	35.13	50.60	74.00	23.40	Peak

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

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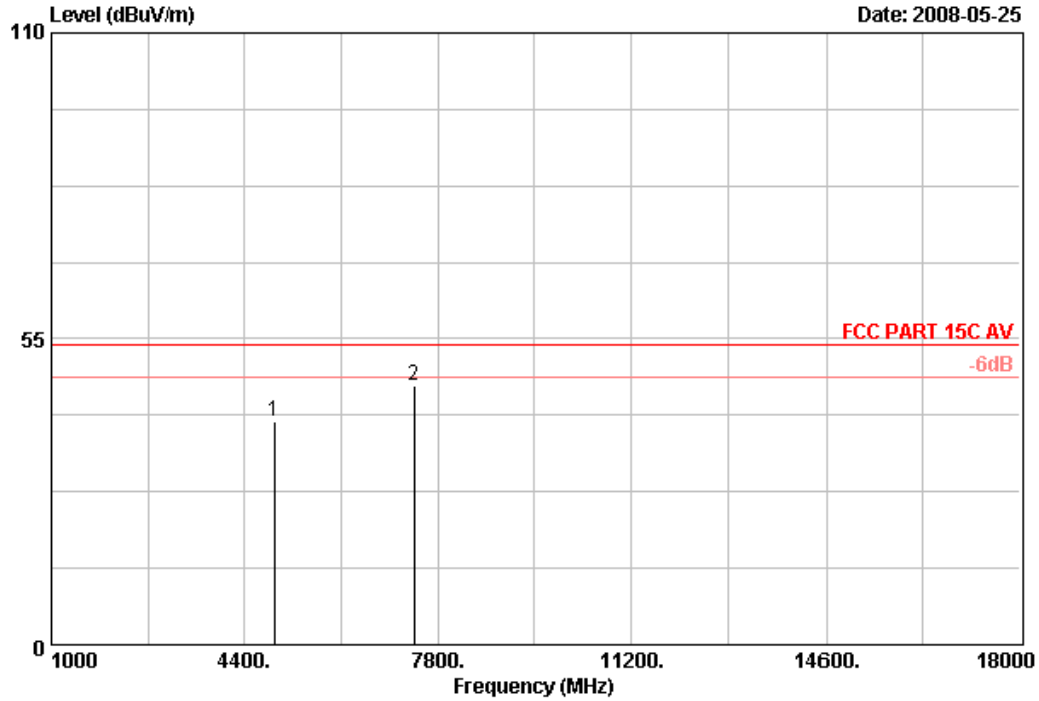
Data: 12 File: D:\2008 report data\H\hip\ACS8Q715.EMI (36)



Site no. : RF Chamber Data no. : 12
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	34.29	10.58	34.47	29.65	40.05	54.00	13.95	Average
2	7386.00	37.63	12.31	34.47	31.26	46.73	54.00	7.27	Average

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

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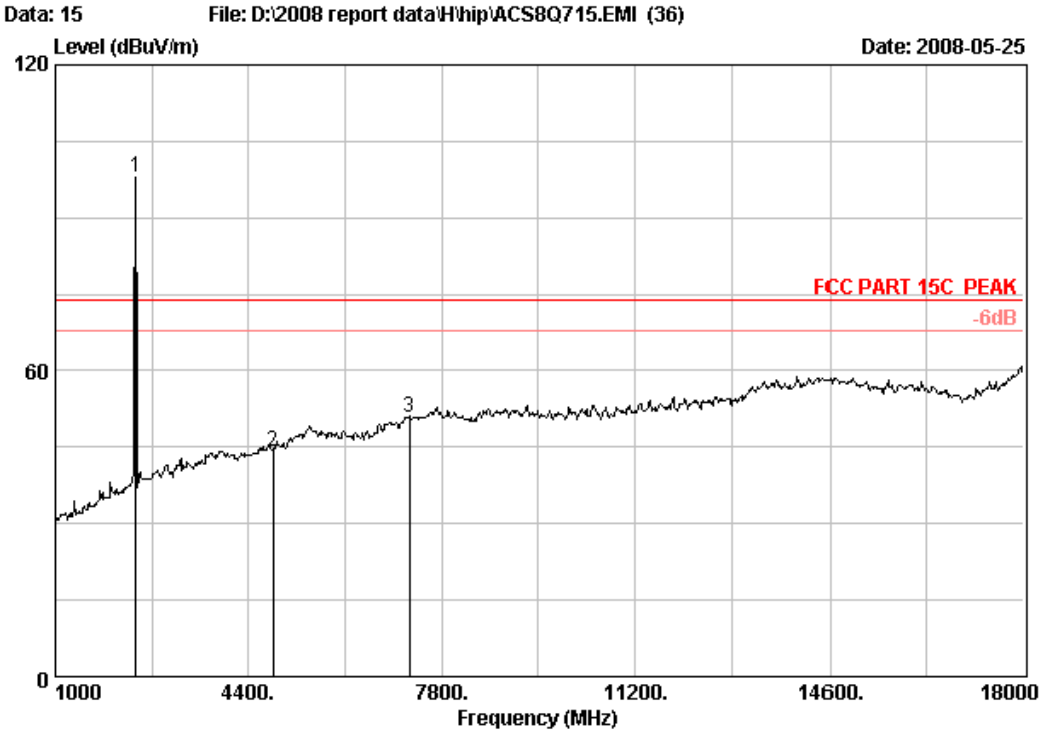

Site no. : RF Chamber Data no. : 15
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	29.03	6.73	35.18	97.32	97.90	74.00	-23.90	Peak
2	4824.00	34.02	10.55	34.49	34.10	44.18	74.00	29.82	Peak
3	7236.00	37.39	12.16	34.44	35.73	50.84	74.00	23.16	Peak

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

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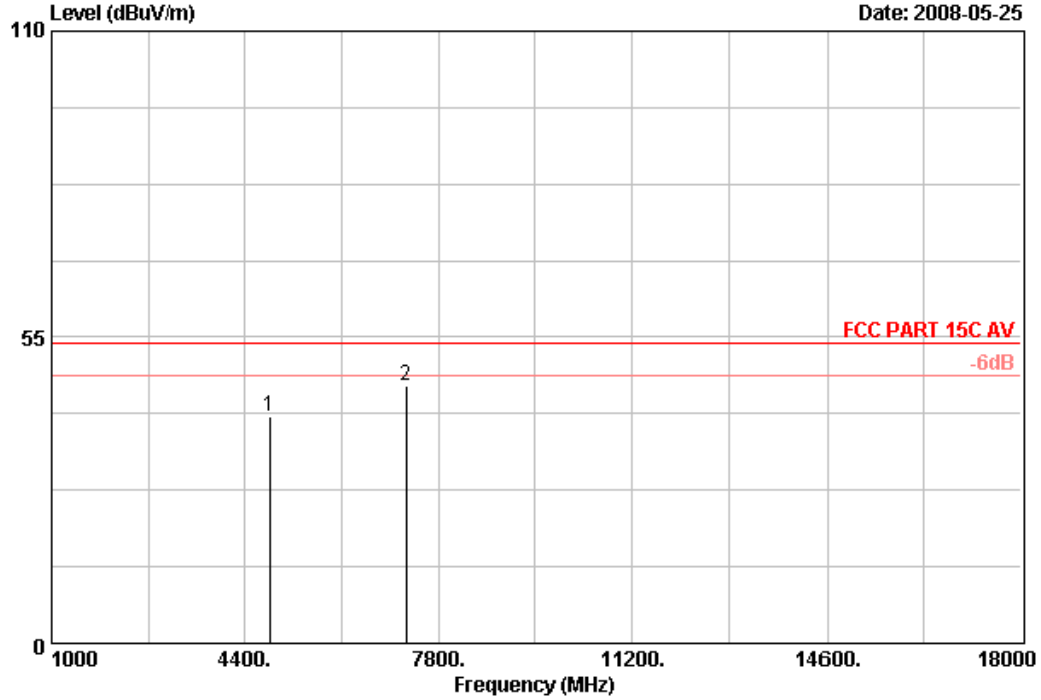
Postcode:518057

Data: 16 File: D:\2008 report data\H\hip\ACS8Q715.EMI (36)



Site no. : RF Chamber Data no. : 16
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	34.02	10.55	34.49	30.55	40.63	54.00	13.37	Average
2	7236.00	37.39	12.16	34.44	31.26	46.37	54.00	7.63	Average

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

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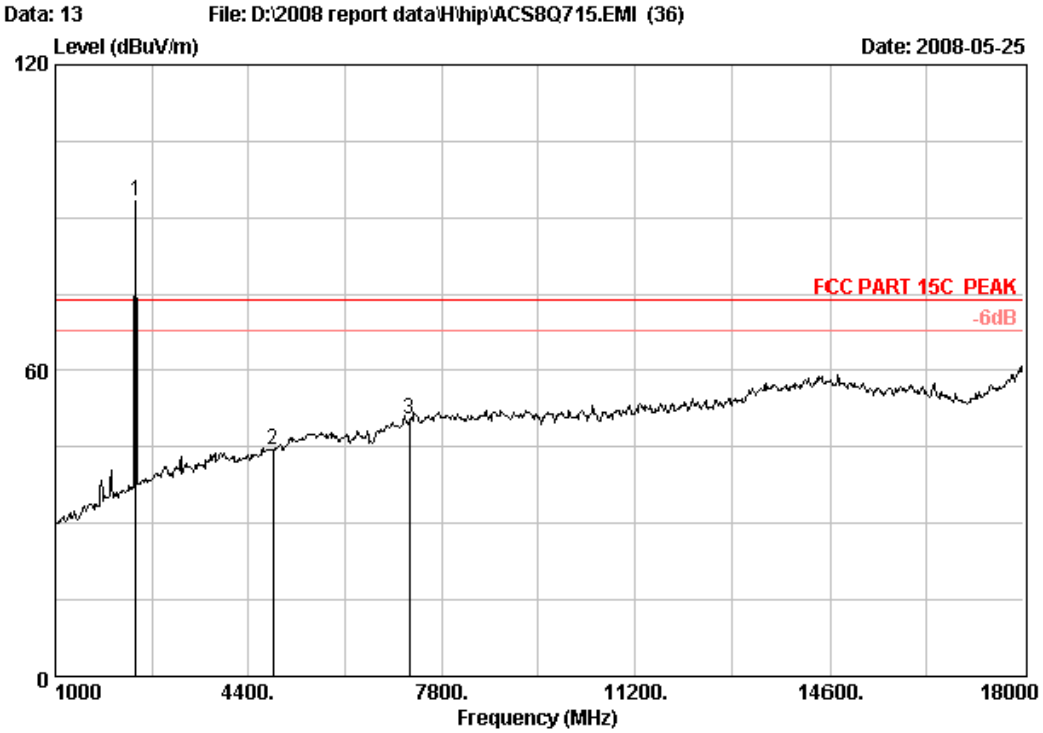

Site no. : RF Chamber Data no. : 13
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	29.03	6.73	35.18	92.66	93.24	74.00	-19.24	Peak
2	4824.00	34.02	10.55	34.49	34.47	44.55	74.00	29.45	Peak
3	7236.00	37.39	12.16	34.44	35.21	50.32	74.00	23.68	Peak

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

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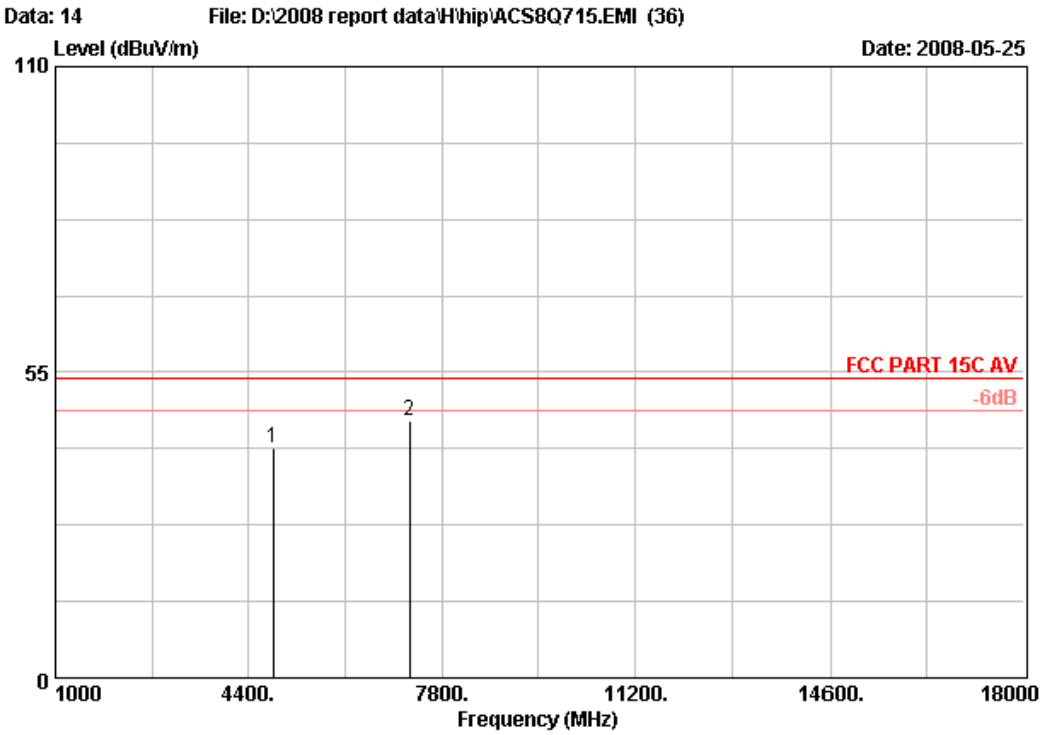

Site no. : RF Chamber Data no. : 14
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH1:2412MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	34.02	10.55	34.49	31.21	41.29	54.00	12.71	Average
2	7236.00	37.39	12.16	34.44	31.26	46.37	54.00	7.63	Average

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

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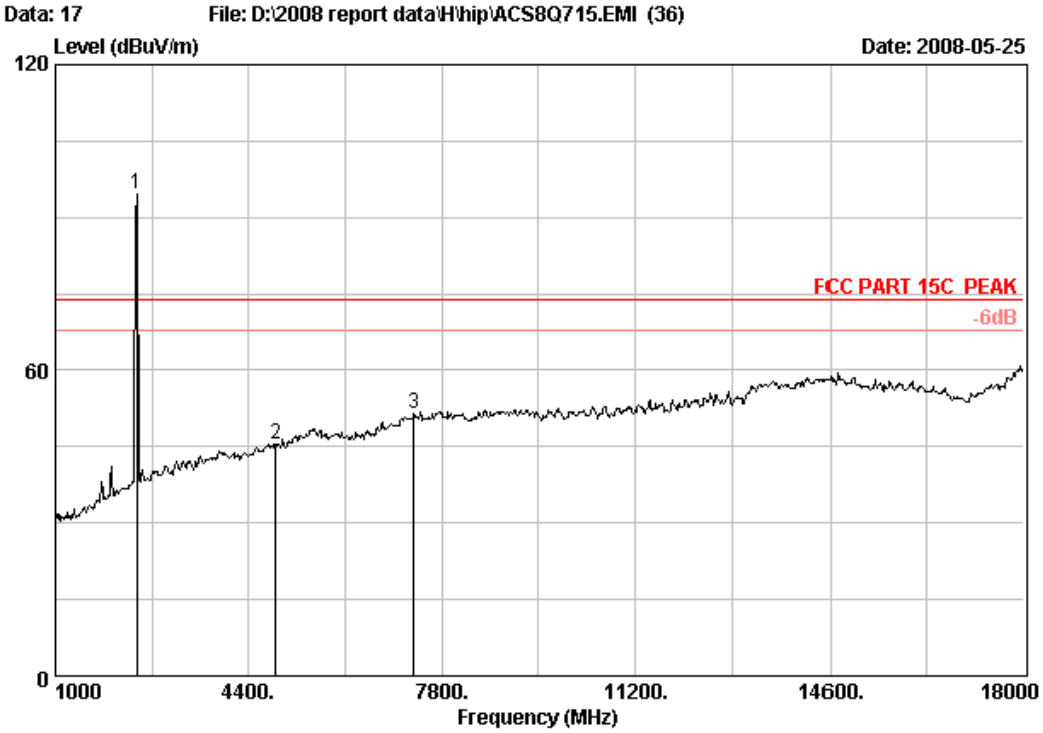

Site no. : RF Chamber Data no. : 17
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	29.11	6.80	35.17	93.74	94.48	74.00	-20.48	Peak
2	4874.00	34.16	10.56	34.48	35.35	45.59	74.00	28.41	Peak
3	7311.00	37.50	12.17	34.46	36.29	51.50	74.00	22.50	Peak

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

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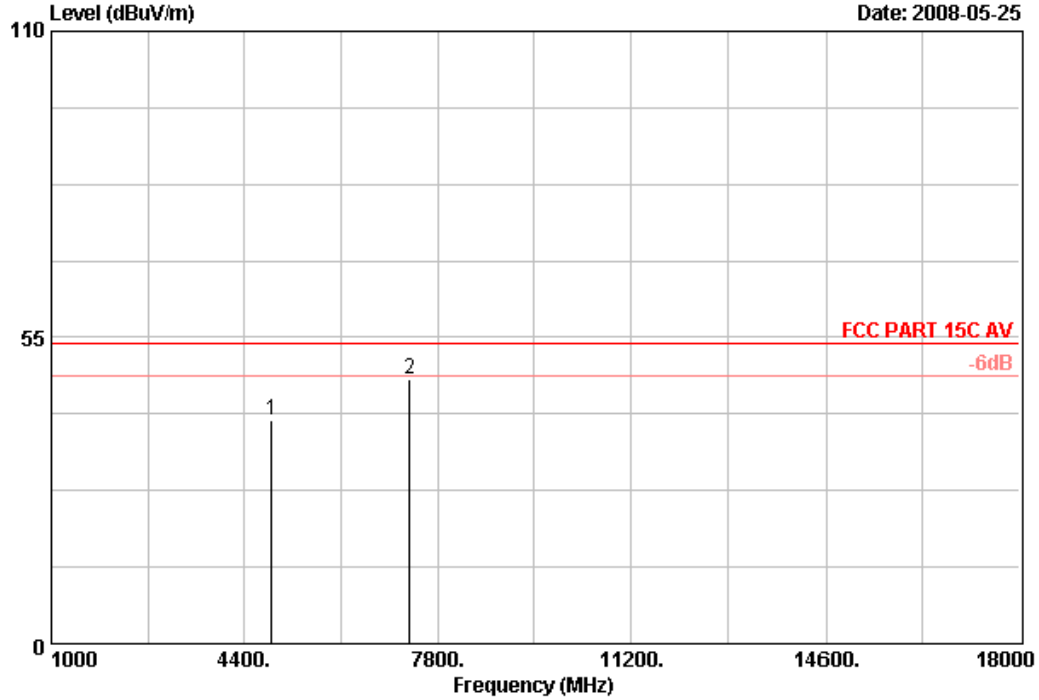
Postcode:518057

Data: 18 File: D:\2008 report data\H\hip\ACS8Q715.EMI (36)



Site no. : RF Chamber Data no. : 18
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	34.16	10.56	34.48	29.86	40.10	54.00	13.90	Average
2	7311.00	37.50	12.17	34.46	32.16	47.37	54.00	6.63	Average

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

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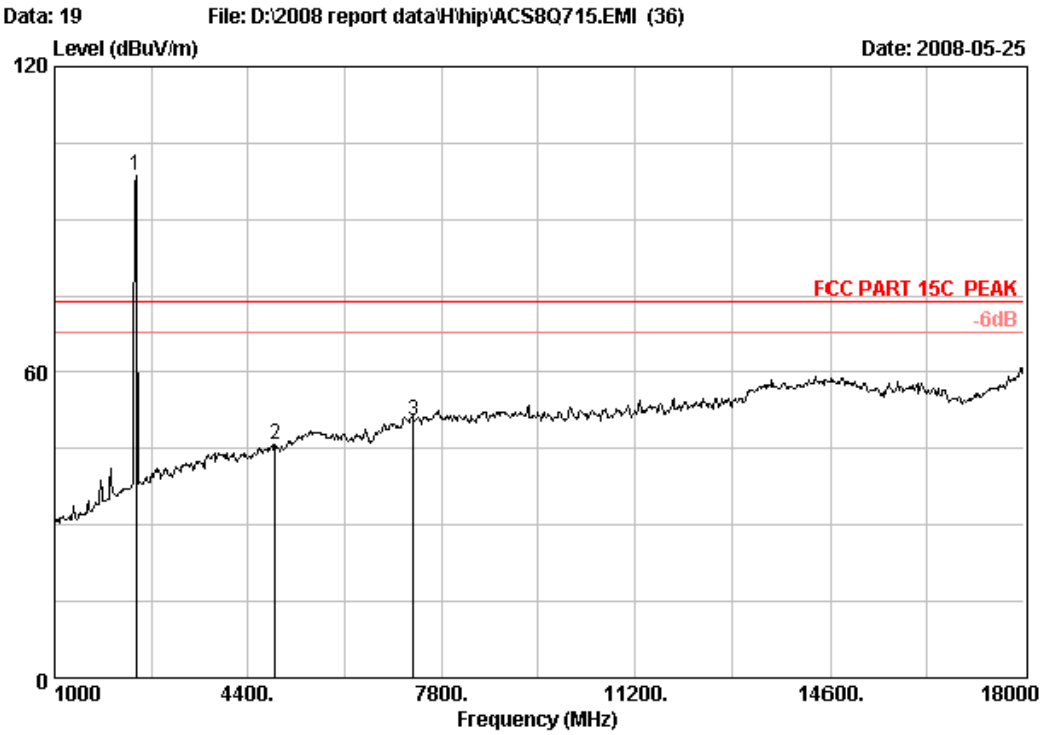

Site no. : RF Chamber Data no. : 19
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	29.11	6.80	35.17	97.79	98.53	74.00	-24.53	Peak
2	4874.00	34.16	10.56	34.48	35.42	45.66	74.00	28.34	Peak
3	7311.00	37.50	12.17	34.46	35.25	50.46	74.00	23.54	Peak

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

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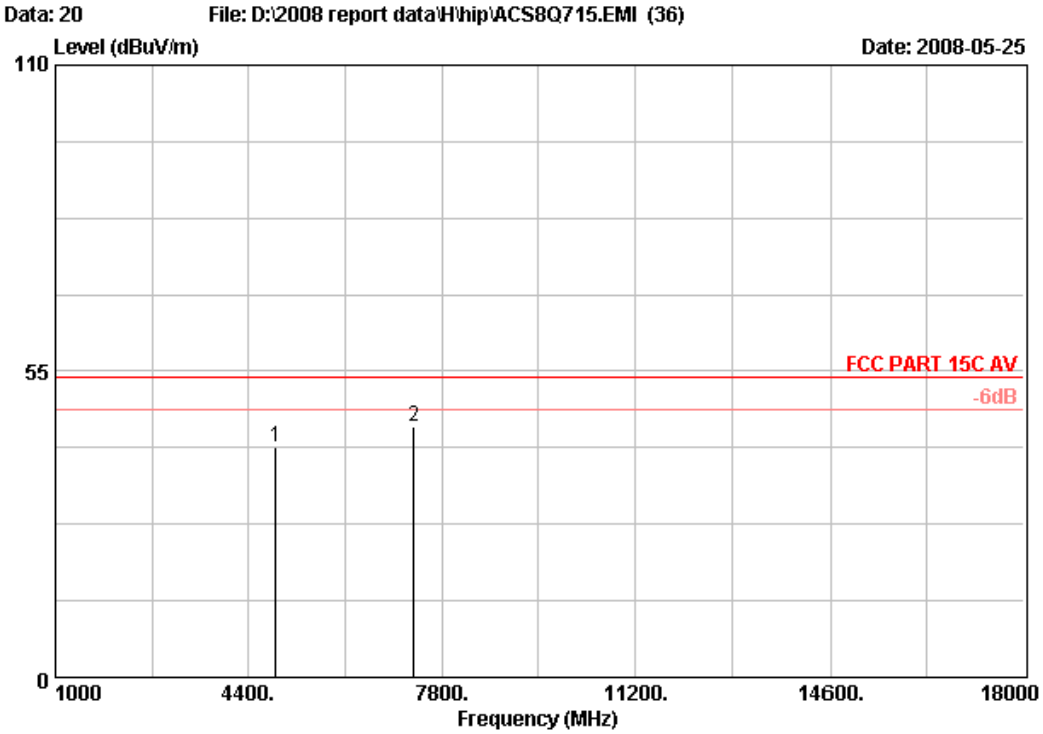

Site no. : RF Chamber Data no. : 20
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH6:2437MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	34.16	10.56	34.48	31.26	41.50	54.00	12.50	Average
2	7311.00	37.50	12.17	34.46	29.69	44.90	54.00	9.10	Average

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

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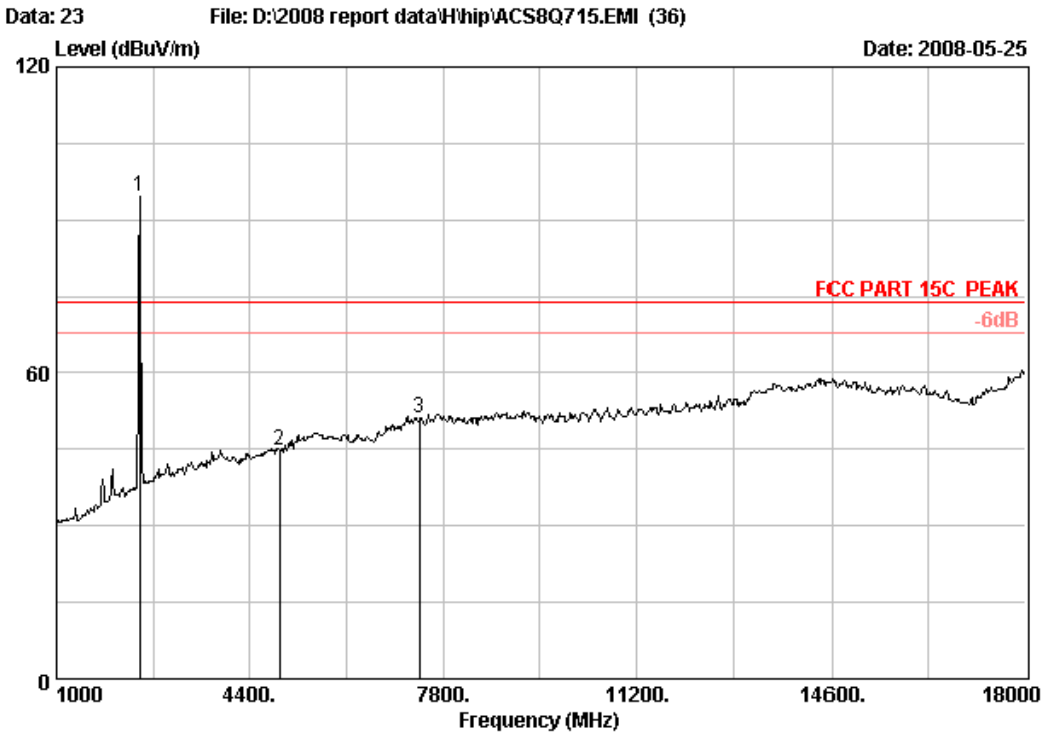

Site no. : RF Chamber Data no. : 23
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	29.15	6.84	35.17	93.67	94.49	74.00	-20.49	Peak
2	4924.00	34.29	10.58	34.47	34.47	44.87	74.00	29.13	Peak
3	7386.00	37.63	12.31	34.47	35.84	51.31	74.00	22.69	Peak

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

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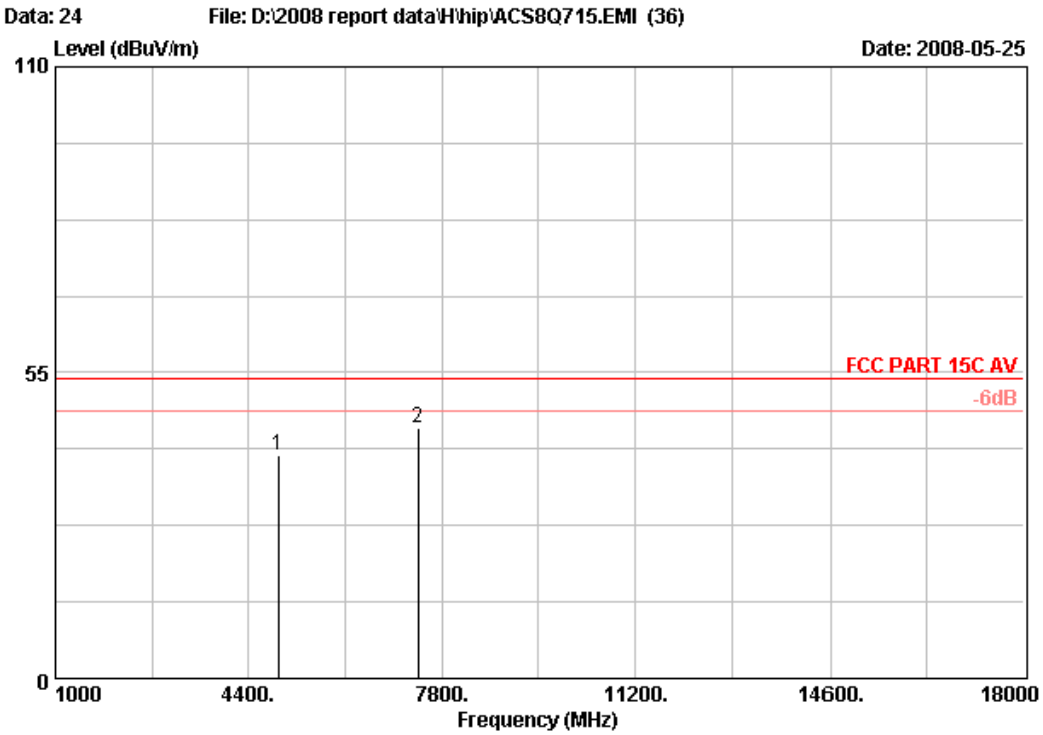

Site no. : RF Chamber Data no. : 24
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	34.29	10.58	34.47	29.65	40.05	54.00	13.95	Average
2	7386.00	37.63	12.31	34.47	29.63	45.10	54.00	8.90	Average

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

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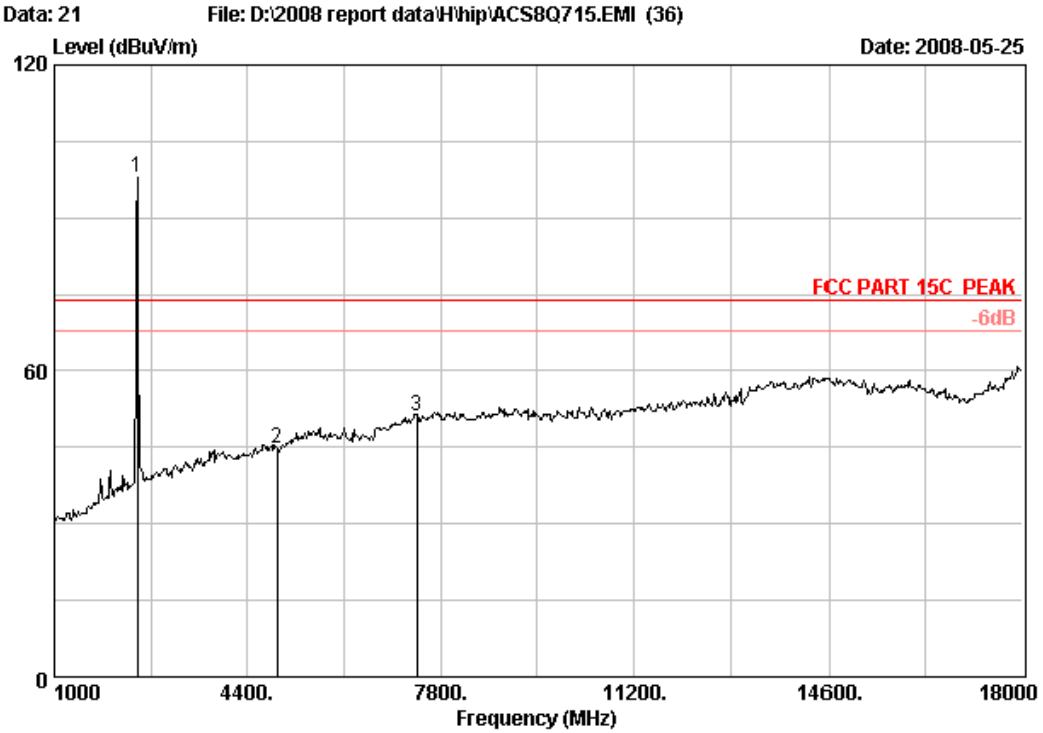
Postcode:518057



Site no. : RF Chamber Data no. : 21
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	29.15	6.84	35.17	97.00	97.82	74.00	-23.82	Peak
2	4924.00	34.29	10.58	34.47	34.42	44.82	74.00	29.18	Peak
3	7386.00	37.63	12.31	34.47	35.83	51.30	74.00	22.70	Peak

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

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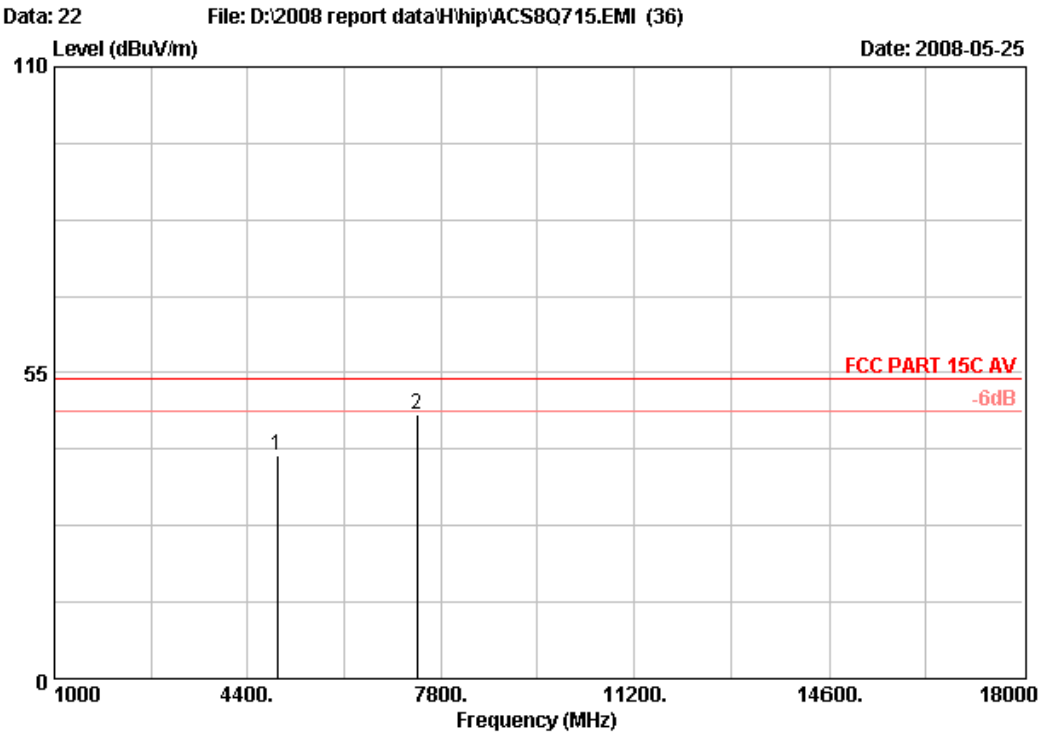

Site no. : RF Chamber Data no. : 22
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH11:2462MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	34.29	10.58	34.47	29.65	40.05	54.00	13.95	Average
2	7386.00	37.63	12.31	34.47	32.16	47.63	54.00	6.37	Average

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

Frequency: 18GHz~25GHz

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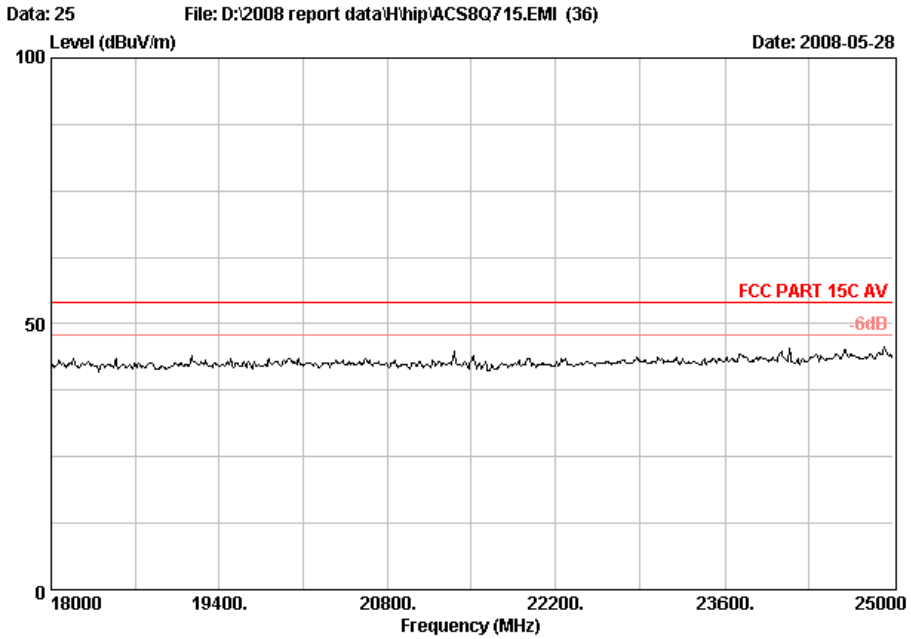
Postcode:518057

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Site no.     : RF Chamber                    Data no.   : 25
Dis. / Ant.  : 3m                            Ant. pol.  : HORIZONTAL
Limit        : FCC PART 15C AV
Env. / Ins.  : 23*C/54%                      Engineer   : Jamy
EUT          : Internet Radio       M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode    : Wi-Fi Tx IEEE802.11b CH1:2412MHz
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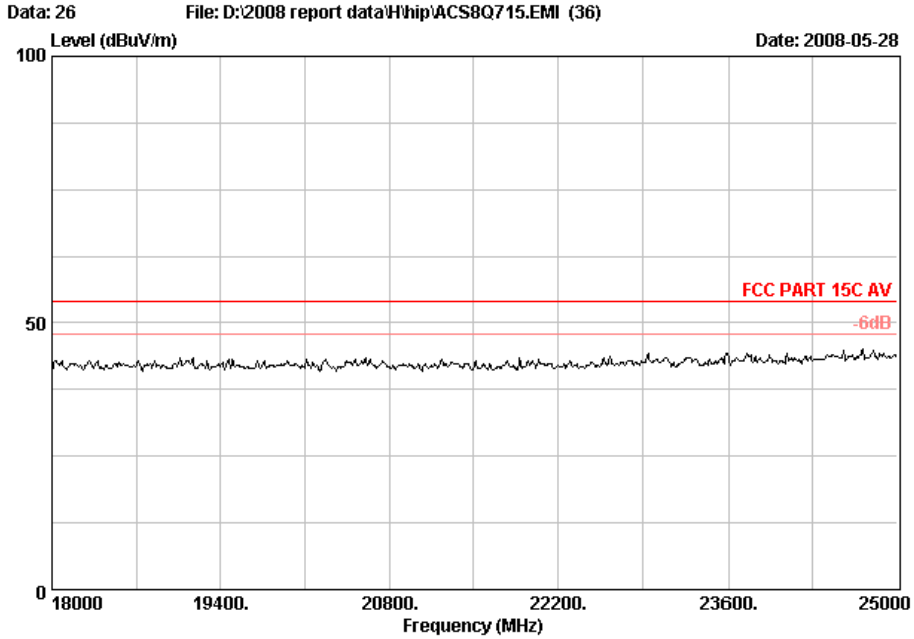


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Site no.     : RF Chamber                    Data no.   : 26
Dis. / Ant.  : 3m                            Ant. pol.  : VERTICAL
Limit        : FCC PART 15C AV
Env. / Ins.  : 23*C/54%                      Engineer   : Jamy
EUT          : Internet Radio       M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode    : Wi-Fi Tx IEEE802.11b CH1:2412MHz
```

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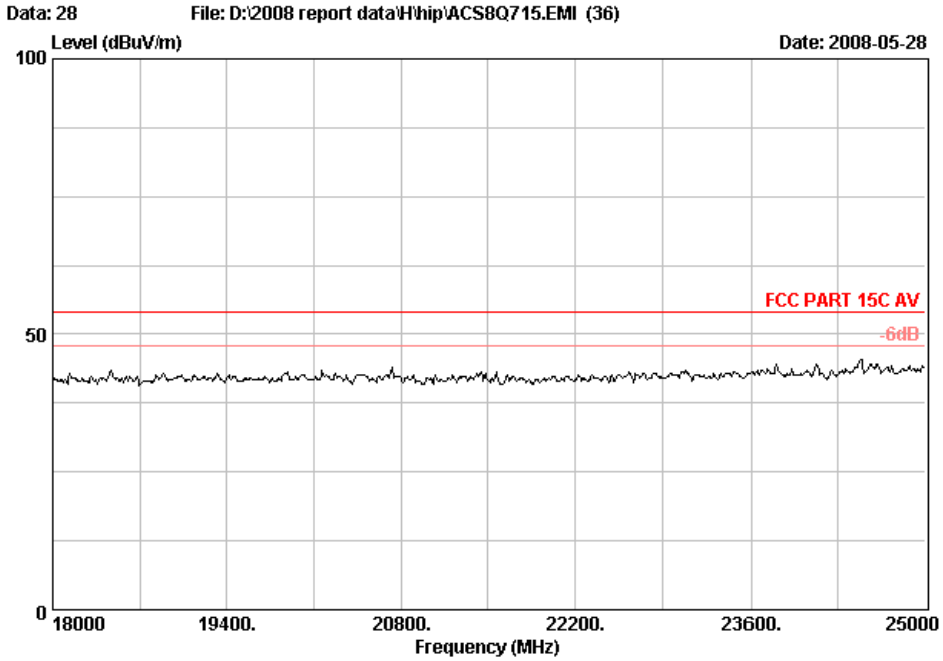
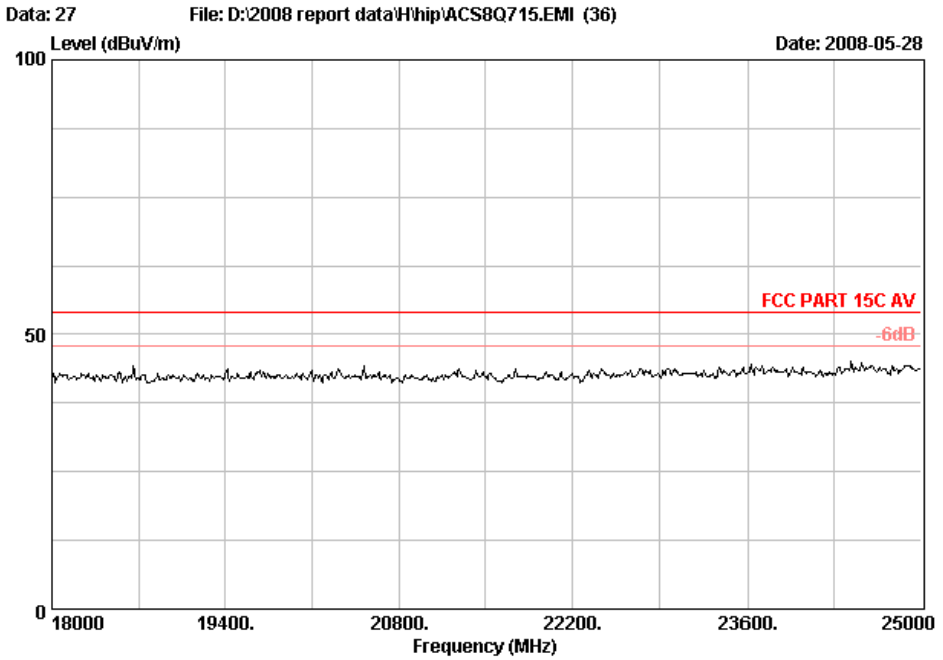
Fax:+86-755-26632877
Postcode:518057



Site no. : RF Chamber Data no. : 28
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH6:2437MHz



Site no. : RF Chamber Data no. : 27
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH6:2437MHz

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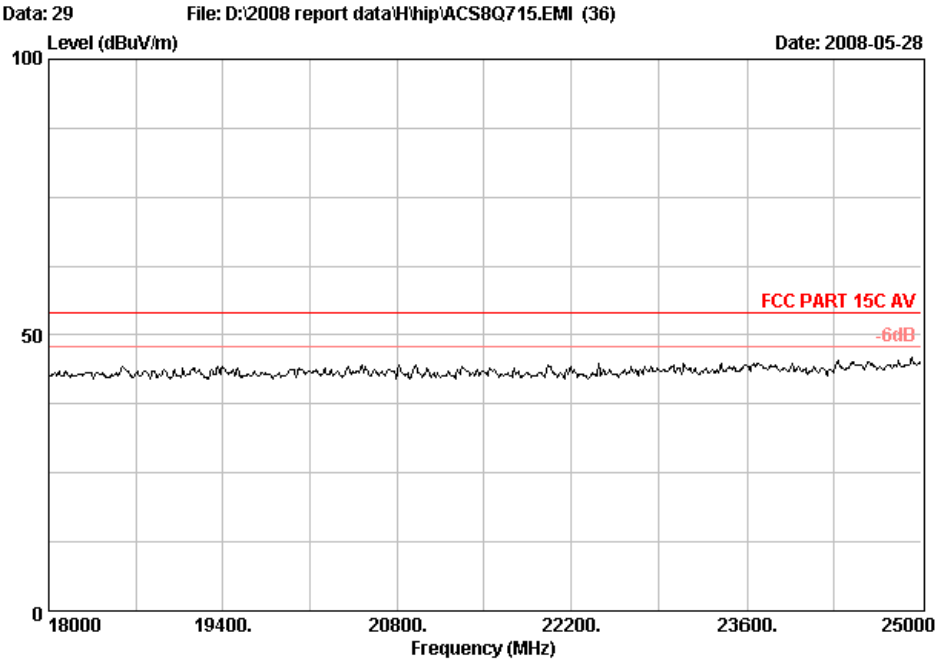
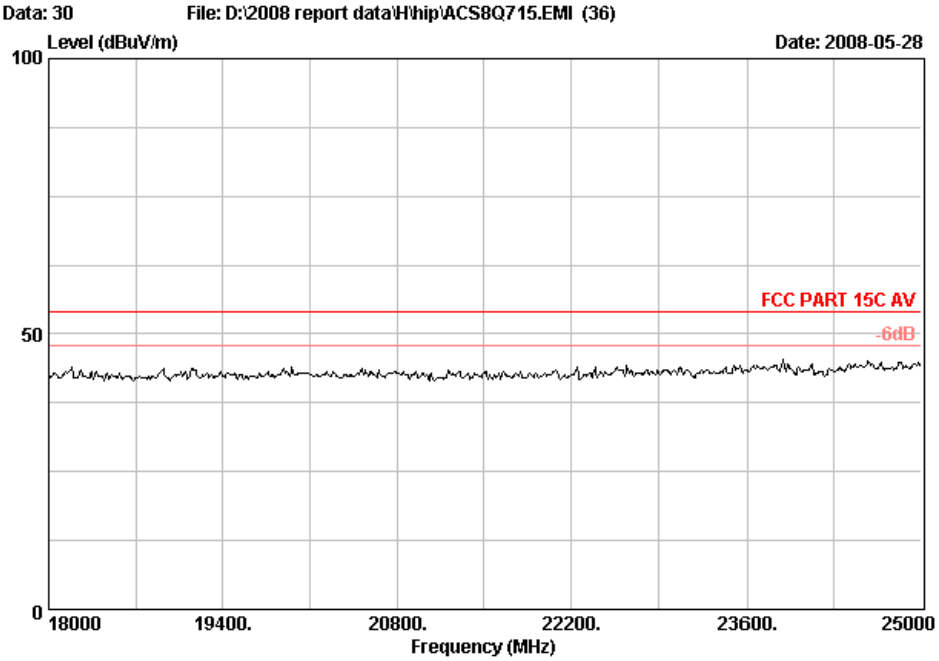
Postcode:518057



Site no. : RF Chamber Data no. : 29
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH11:2462MHz



Site no. : RF Chamber Data no. : 30
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11b CH11:2462MHz

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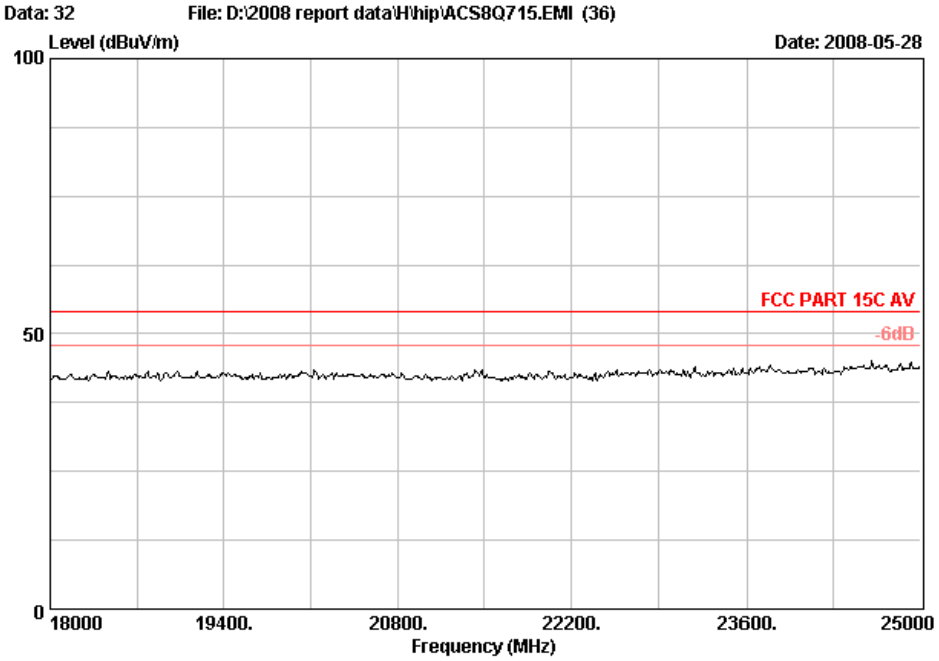
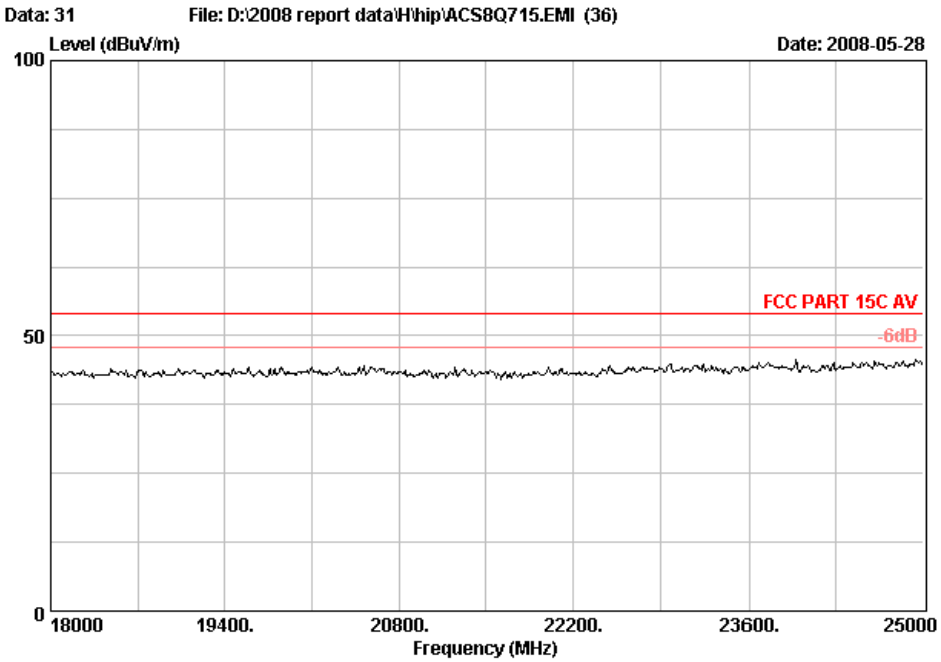
Postcode:518057



Site no. : RF Chamber Data no. : 32
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH1:2412MHz



Site no. : RF Chamber Data no. : 31
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH1:2412MHz

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Postcode:518057

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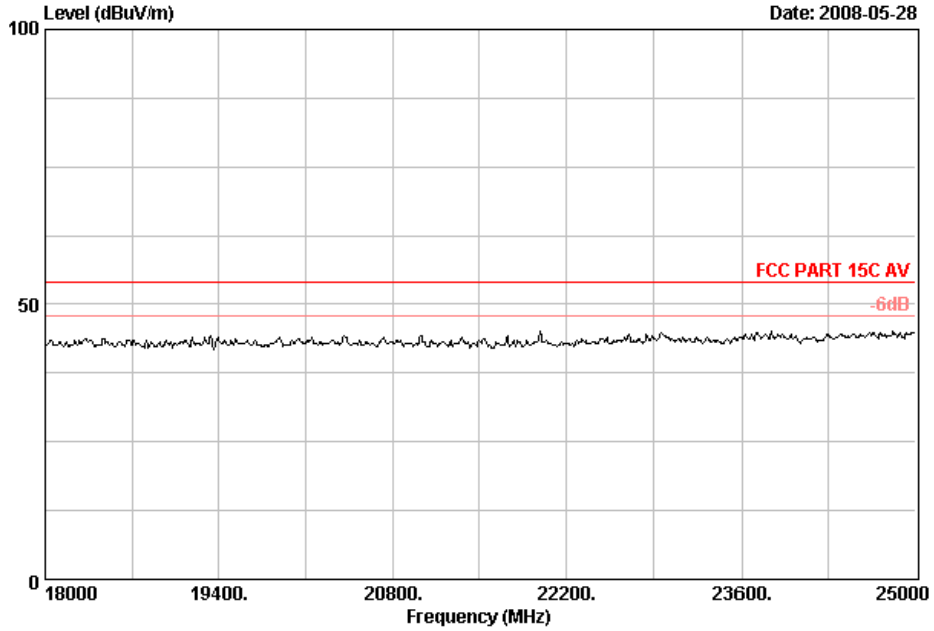

Site no. : RF Chamber Data no. : 33
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH6:2437MHz

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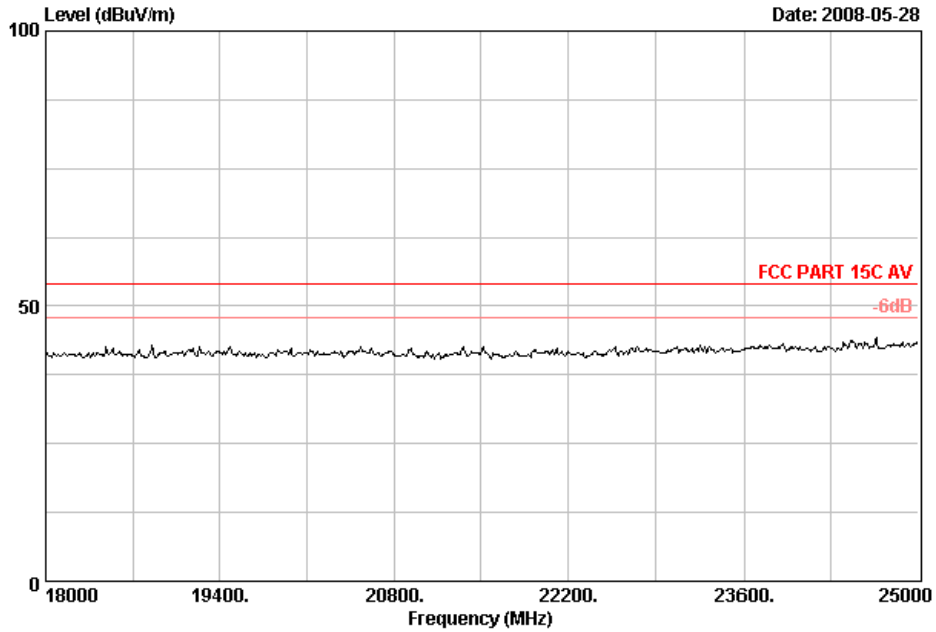

Site no. : RF Chamber Data no. : 34
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH6:2437MHz

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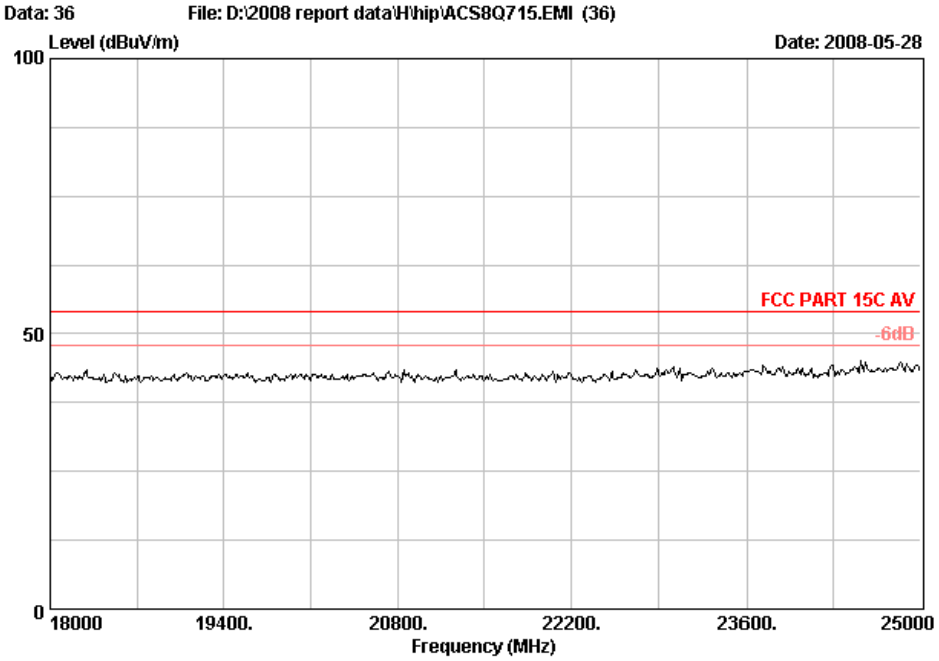
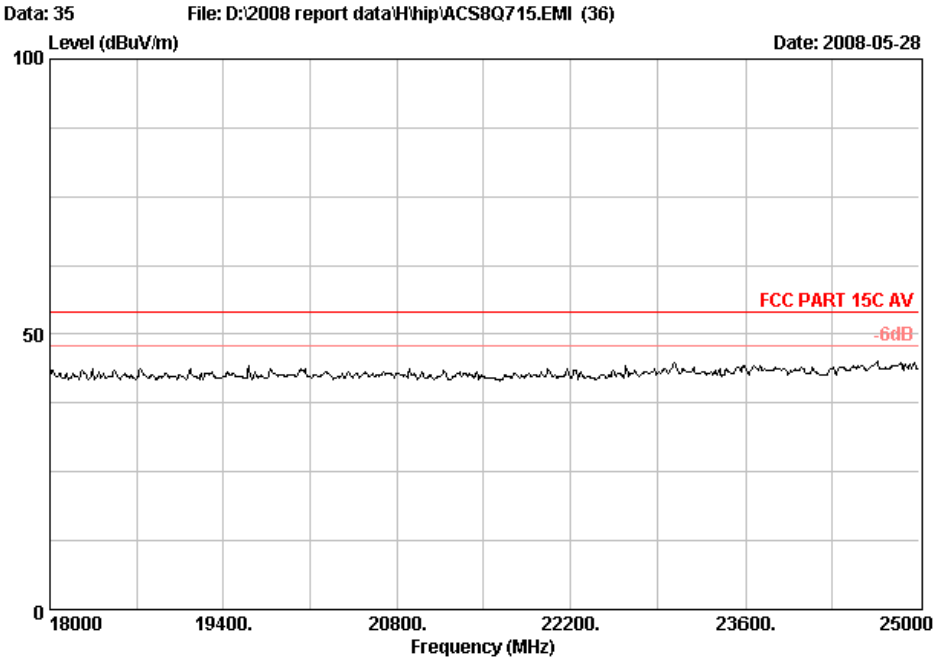


Site no. : RF Chamber Data no. : 36
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH11:2462MHz



Site no. : RF Chamber Data no. : 35
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Jamy
EUT : Internet Radio M/N:Blik Wi-Fi
Power Rating: DC 12 V From adapter AC120V/60Hz
Test Mode : Wi-Fi Tx IEEE802.11g CH11:2462MHz

5. 6dB Bandwidth Test

5.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May,10, 08	1 Year
2	RF Cable	MIYAZAKI	8D-FB	NO 3	May,10,08	1 Year

5.2.Test Information

EUT:	Internet Radio
M/N:	Blik Wi-Fi
Test Date:	May.25, 2008
Ambient Temperature:	23℃
Relative Humidity:	60%
Test standard:	FCC PART 15C: 15.247
Test mode:	IEEE 802.11b TX / IEEE 802.11g TX
Test Frequency:	CH1: 2412MHz CH6: 2437MHz CH11: 2462MHz
Tested By:	Jamy

5.3.Test Procedure

The transmitter output was connected to a spectrum analyzer . The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 KHz RBW and 100 KHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

5.4.Test Results

Test Mode: IEEE 802.11b TX

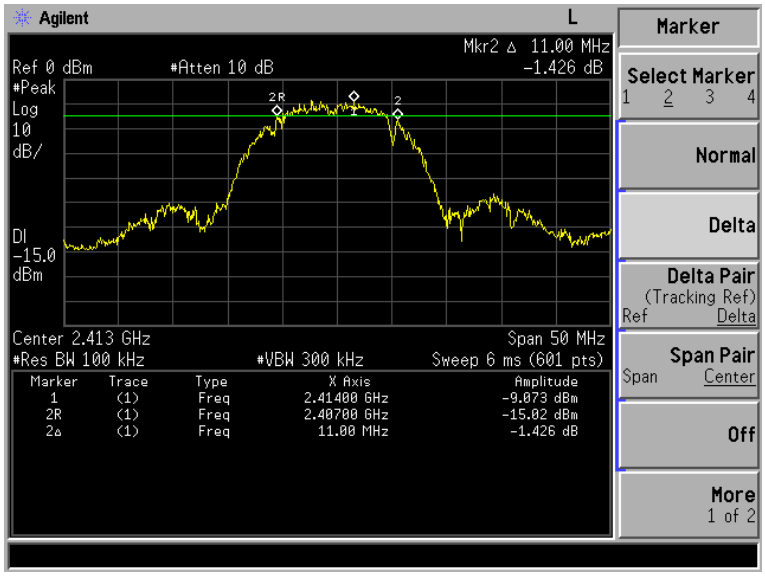
CH	6dB Bandwidth (MHz)	Limit	Conclusion
1	11.00	>500	PASS
6	10.92	>500	PASS
11	11.08	>500	PASS

Test Mode: IEEE 802.11g TX

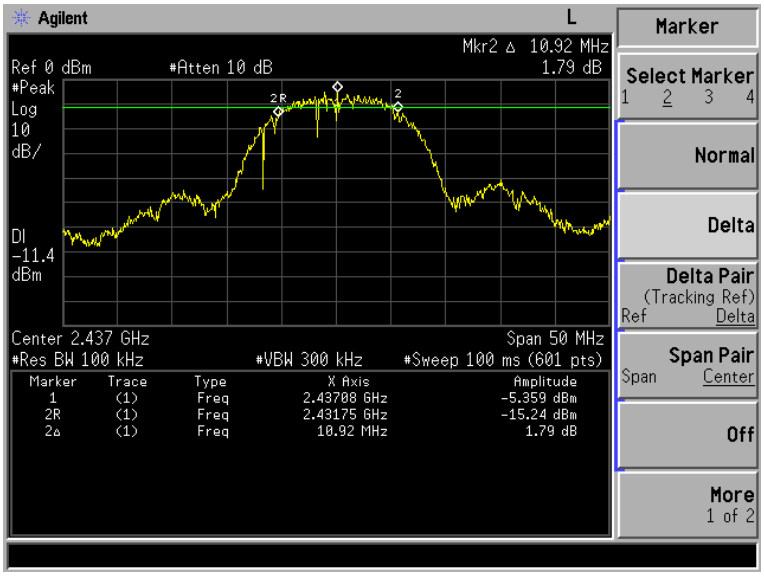
CH	6dB Bandwidth (MHz)	Limit	Conclusion
1	16.40	>500	PASS
6	16.50	>500	PASS
11	16.10	>500	PASS

Test Mode: IEEE 802.11b TX

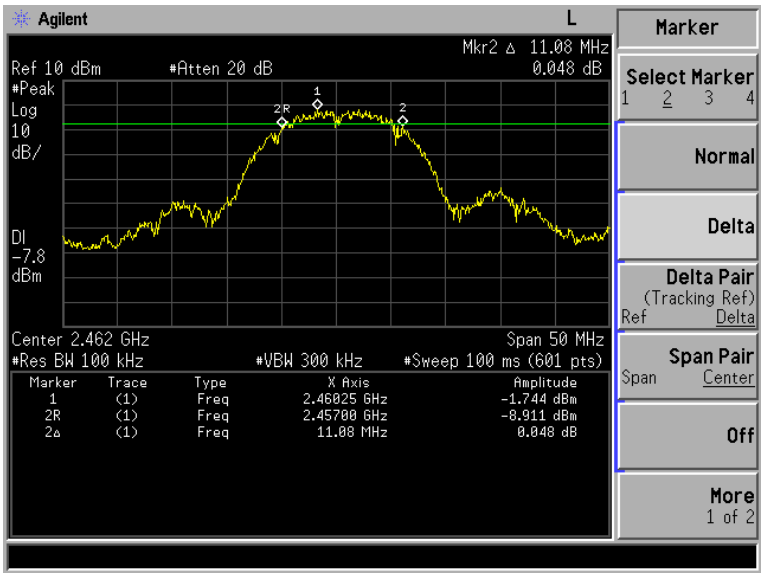
Test CH1: 2412MHz



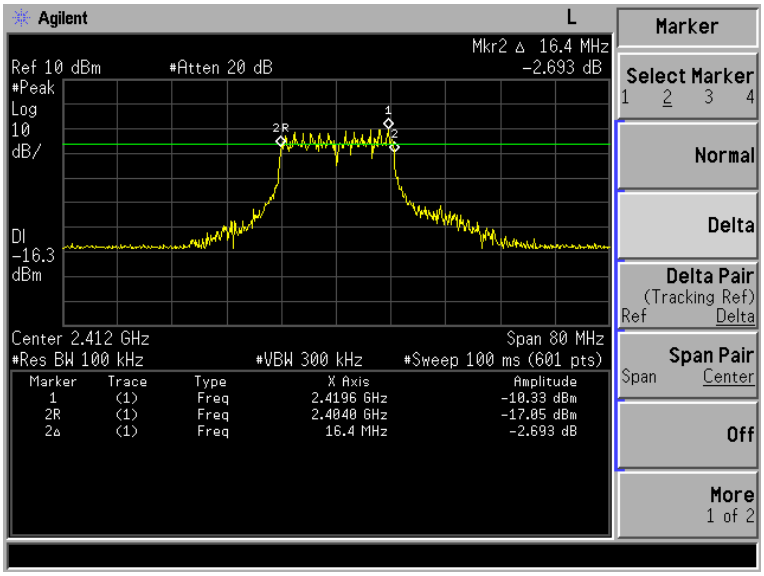
Test CH6: 2437MHz



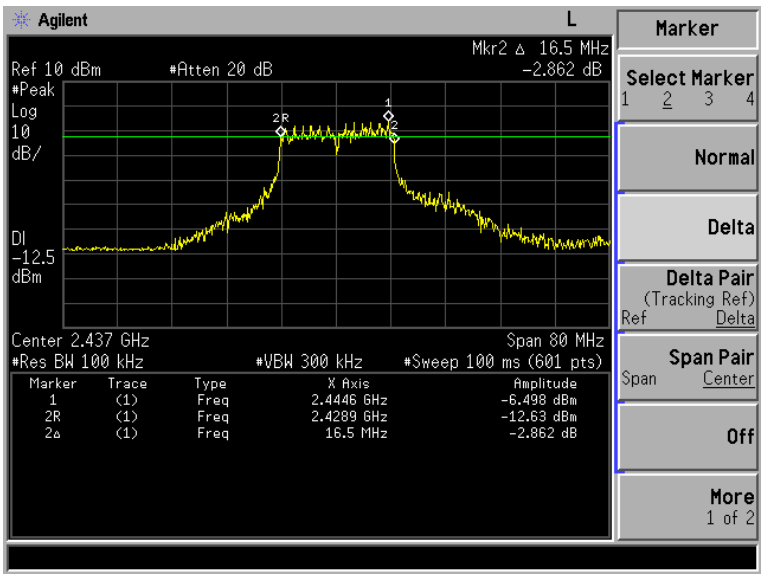
Test CH11: 2462MHz



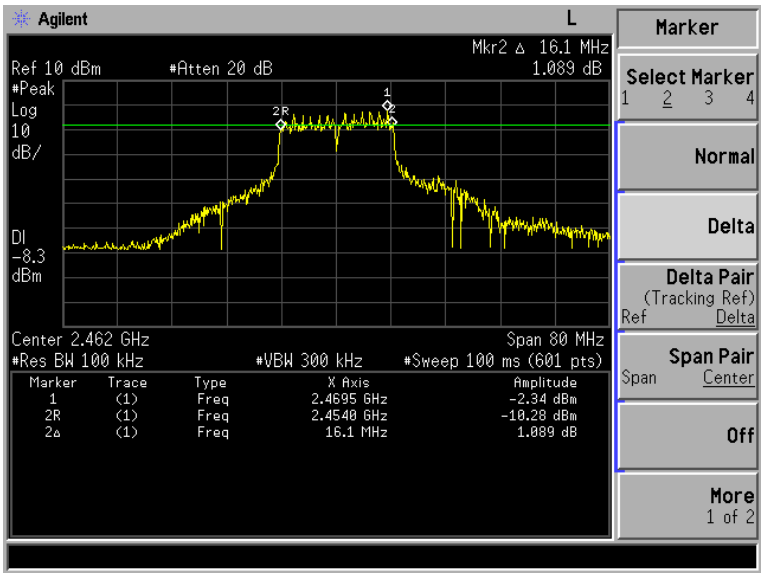
Test Mode: IEEE 802.11g TX
Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



6. OUTPUT POWER TEST

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May,10, 08	1 Year
2	RF Cable	MIYAZAKI	8D-FB	NO 3	May,10, 08	1 Year
3	Power meter	Anritsu	ML2487	6K00002472	May,10, 08	1 Year

6.2.Test Information

EUT:	Internet Radio
M/N:	Blik Wi-Fi
Test Date:	May.25, 2008
Ambient Temperature:	24℃
Relative Humidity:	56%
Test standard:	FCC PART 15C: 15.247
Test mode:	IEEE 802.11b TX / IEEE 802.11g TX
Test Frequency:	CH1: 2412MHz CH6: 2437MHz CH11: 2462MHz
Tested By:	Jamy

6.3.Test Procedure

The transmitter output was connected to a power meter, use the power meter to read out the peak out put power.

6.4.Test Results

EUT: Internet Radio M/N:Blik Wi-Fi					
Data Rate:11b 1Mbps；11g：6Mbps；(Note 1)					
Ambient Temperature:24℃			Relative Humidity: 56%		
Test date: 2008/05/25			Test site: RF site		Tested by: Jamy
CH1: 2412MHz CH6:2437MHz CH11:2462MHz					
Mode	CH	Peak read (dBm)	cable loss (dB)	Peak Power (dBm)	Limit (dBm)
11b	CH1	8.46	1.21	9.67	30.00
	CH6	8.98	1.21	10.19	30.00
	CH11	11.45	1.21	12.66	30.00
11g	CH1	8.63	1.21	9.84	30.00
	CH6	9.05	1.21	10.26	30.00
	CH11	12.39	1.21	13.6	30.00
Note1:According Exploratory test,These data rate have the maximum output power					

7. BAND EDGE COMPLIANCE TEST

7.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May,11, 07	1 Year
2.	Amp	HP	8449B	3008A00863	May 11, 07	1 Year
3.	Antenna	EMCO	3115	9607-4877	Jan. 23, 07	1.5 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May 11, 07	1 Year

7.2.Limit

According to §15.247(c), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, 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 in15.209(a).

7.3.Test Produce

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upperband-edges of the emission:
   (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
   (b) AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO

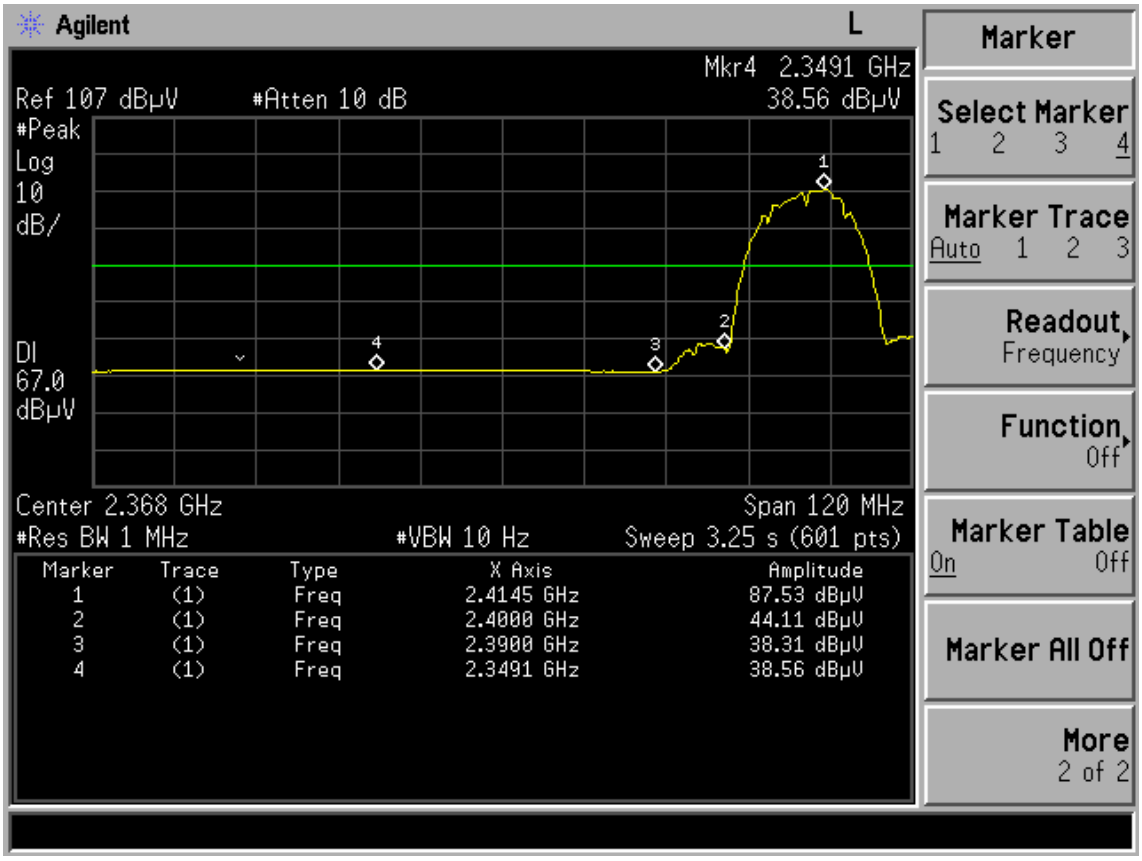
7.4.Test Information

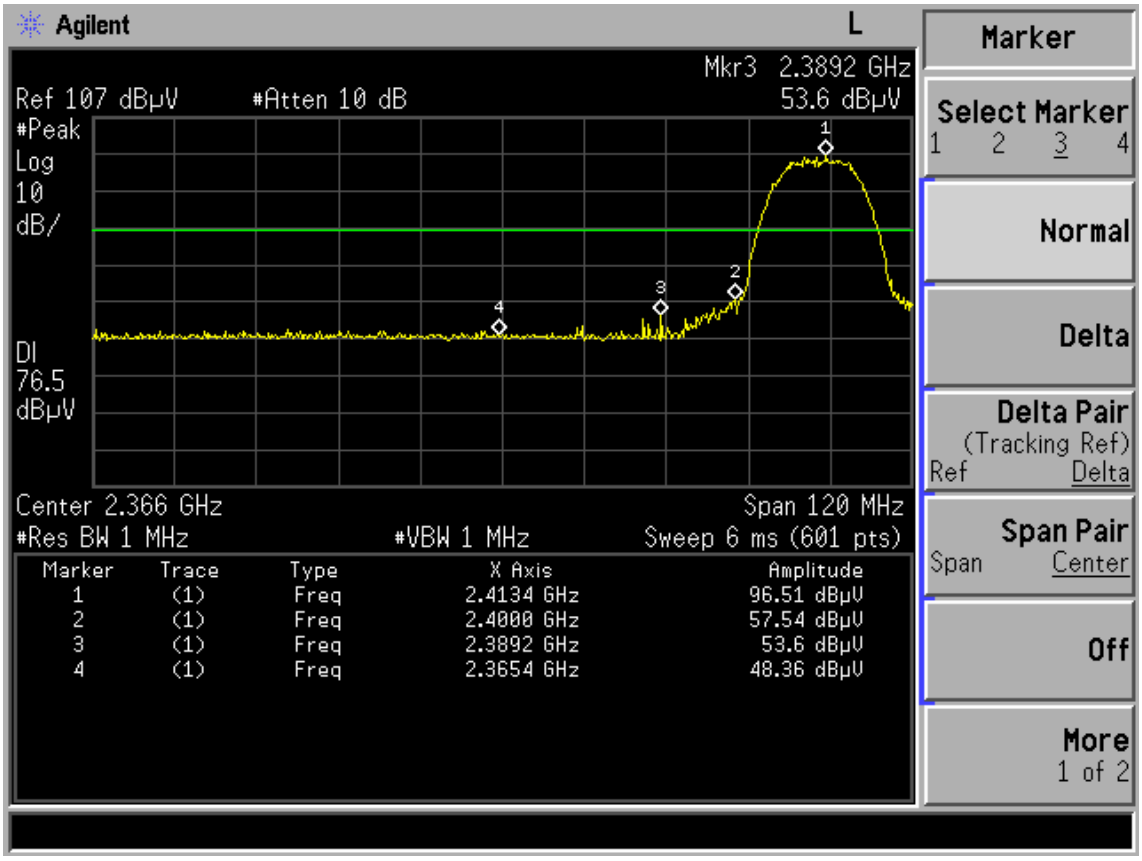
EUT:	Internet Radio
M/N:	Blik Wi-Fi
Test Date:	May.25, 2008
Ambient Temperature:	23℃
Relative Humidity:	54%
Test standard:	FCC PART 15C: 15.247
Test mode:	IEEE 802.11b TX / IEEE 802.11g TX
Test Frequency:	CH1: 2412MHz CH11: 2462MHz
Test By:	Jamy

7.5.Test Results

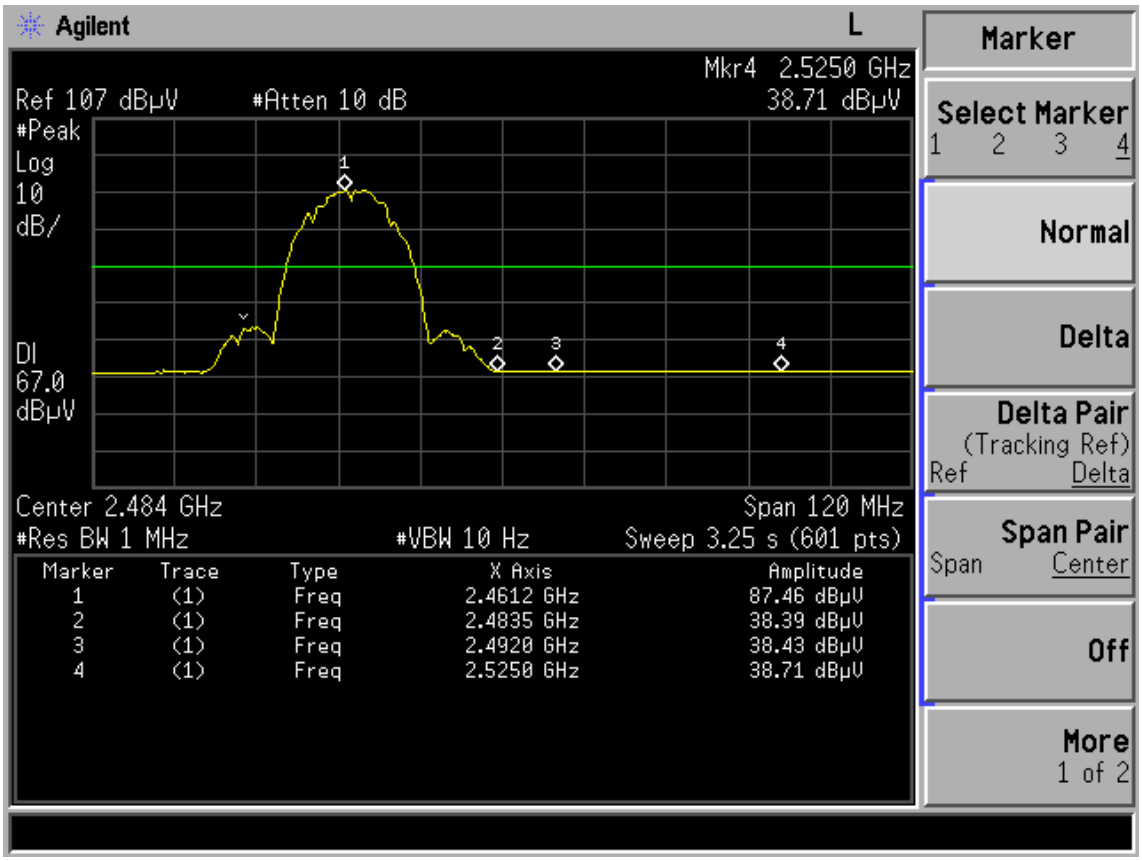
Pass (The testing data was attached in the next pages.)

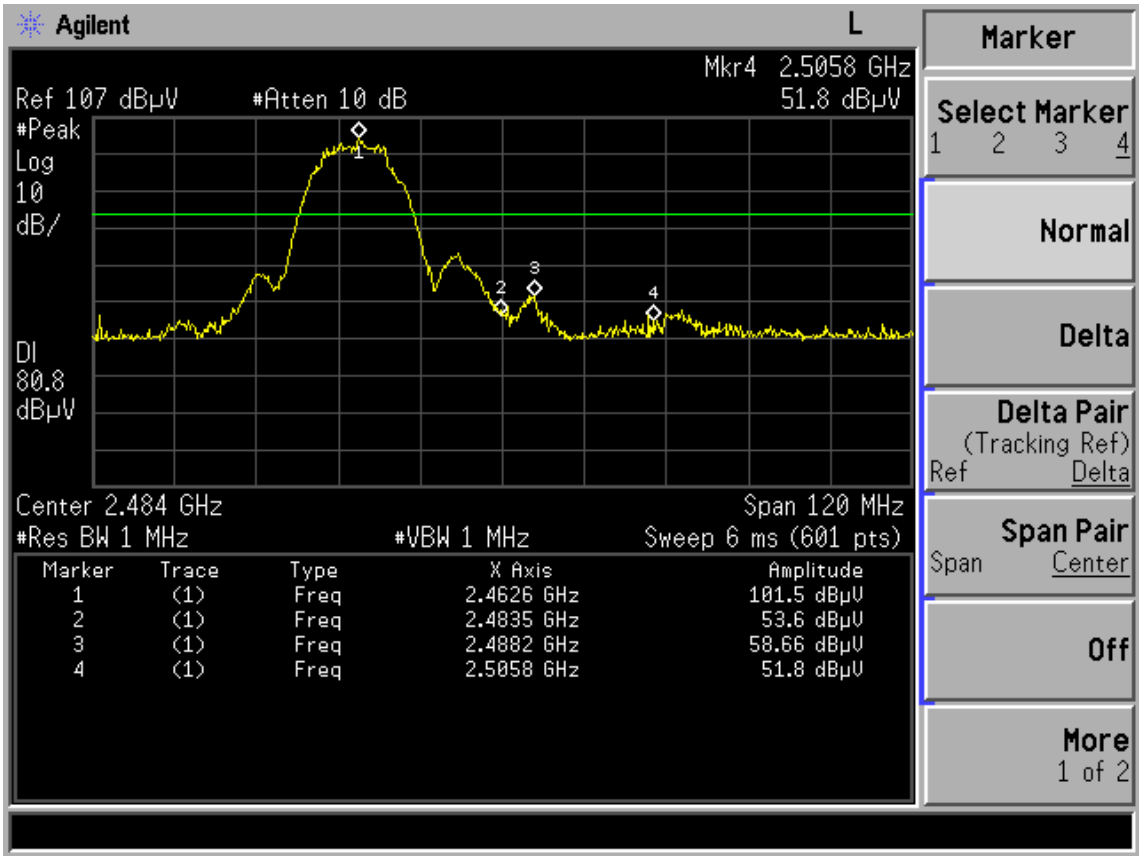
Test mode: IEEE 802.11b TX
CH1: 2412MHz



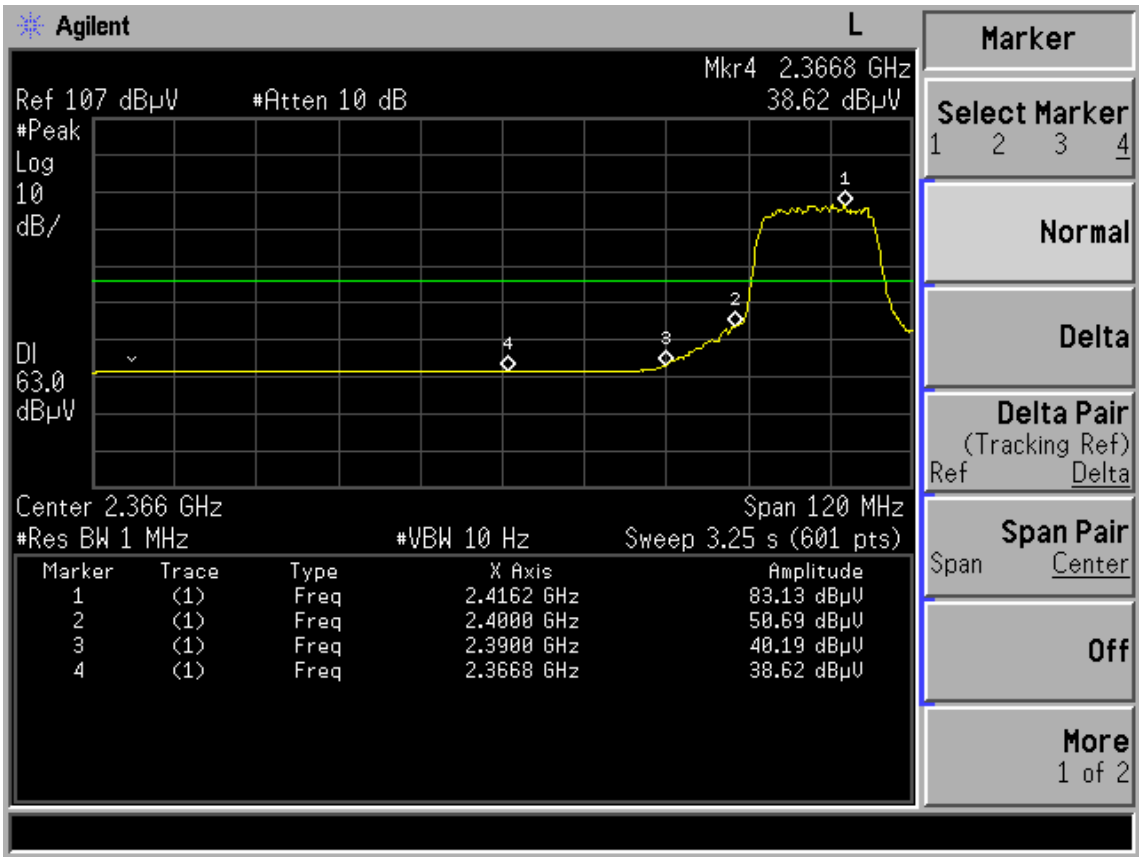


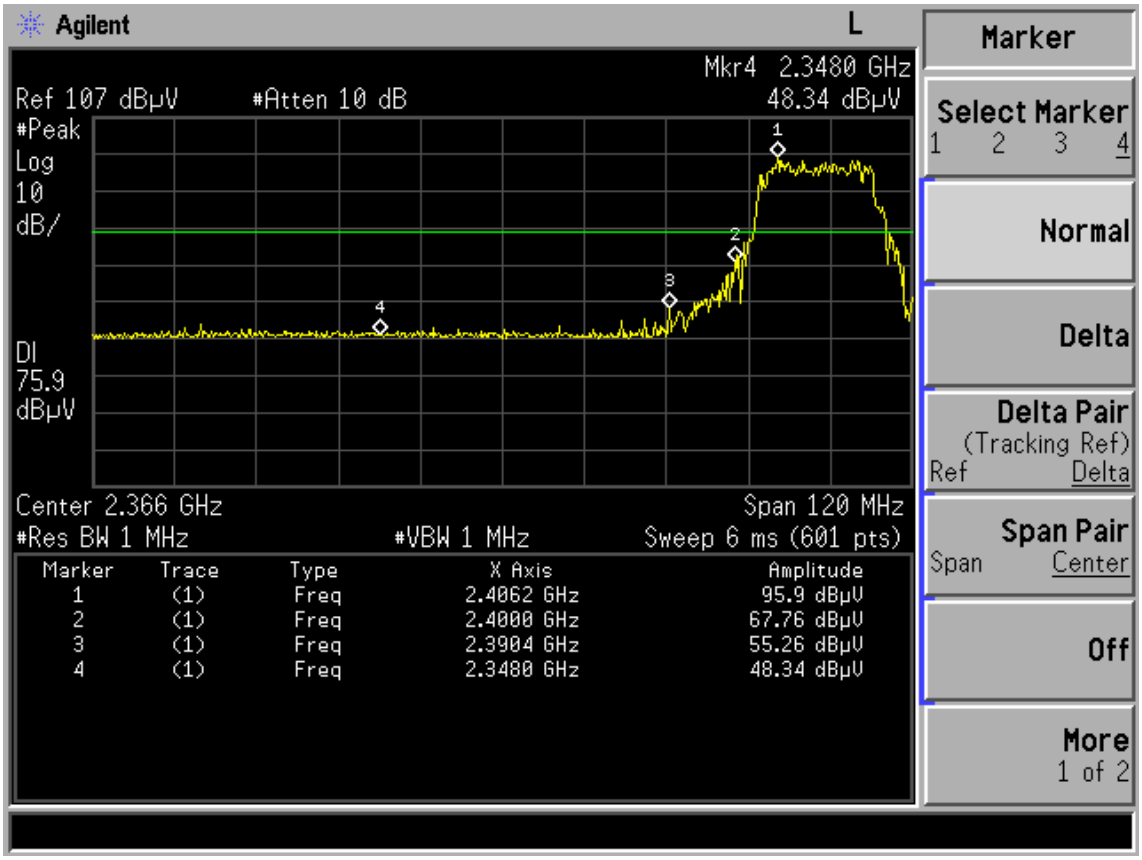
Test mode: IEEE 802.11b TX
CH11: 2462MHz



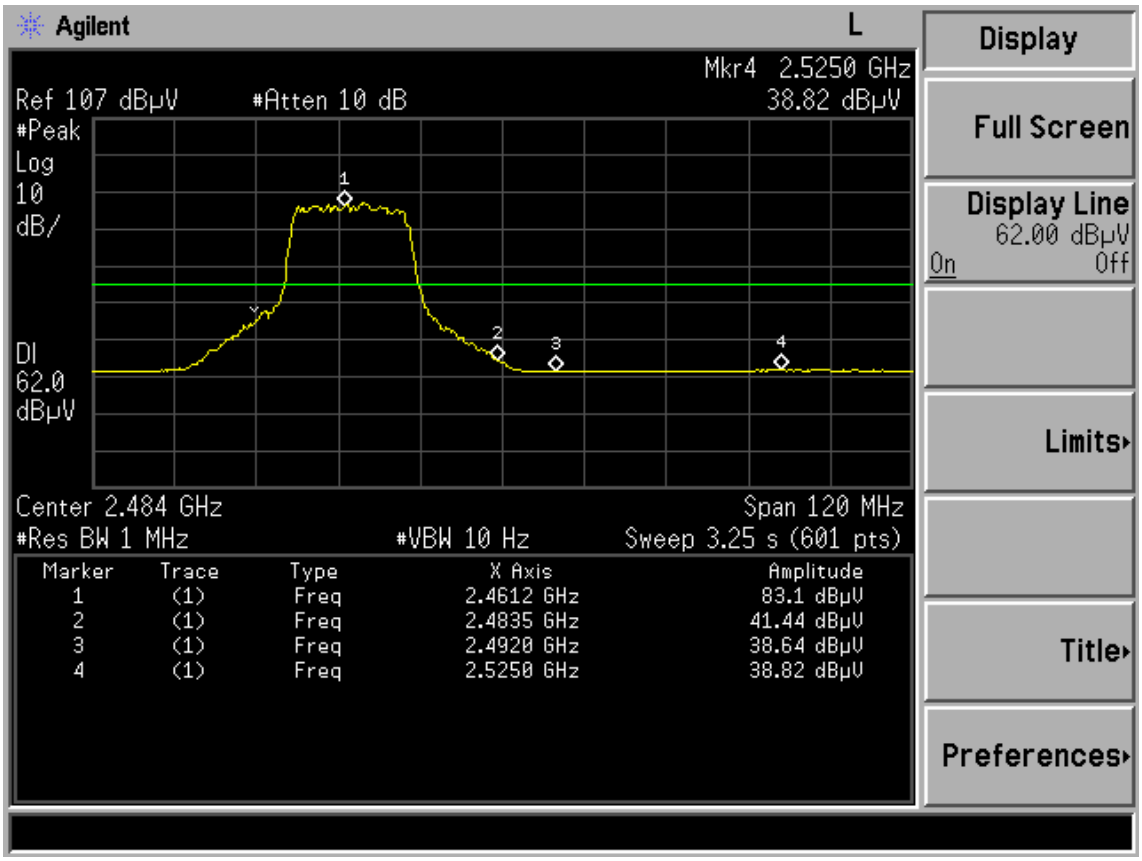


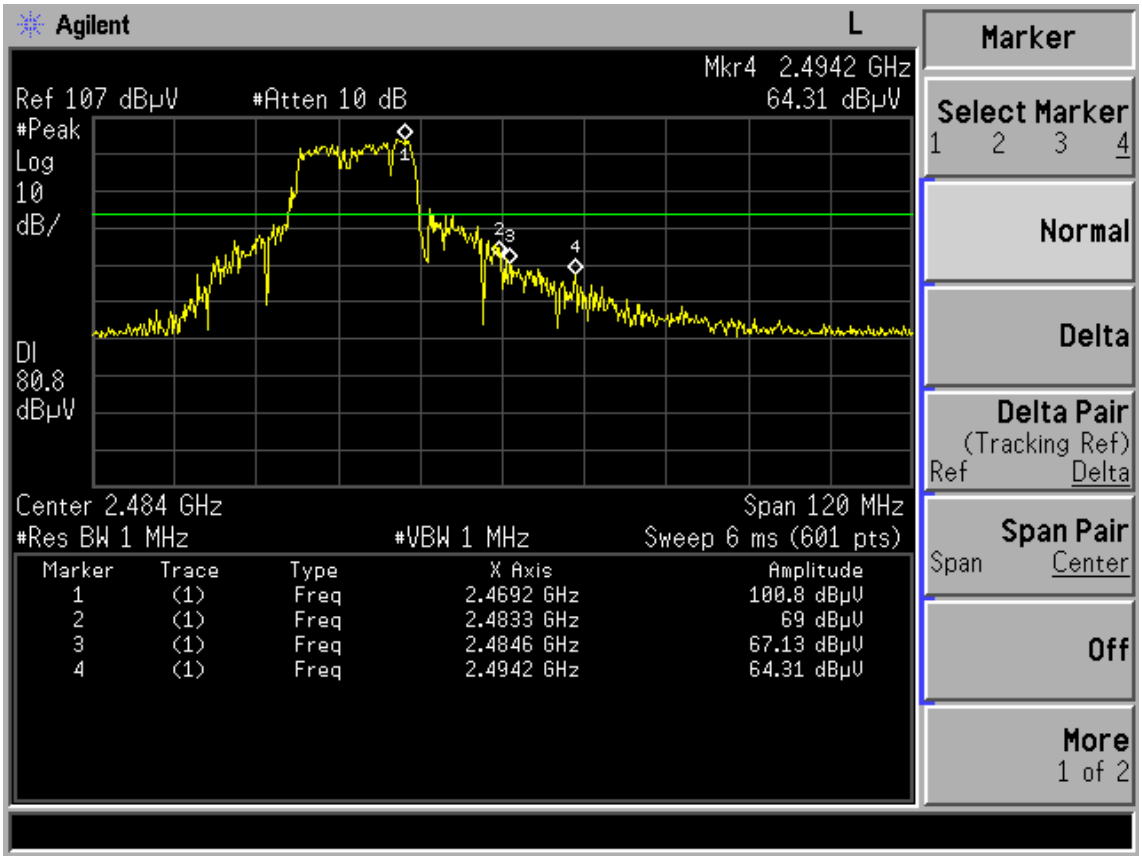
Test mode: IEEE 802.11g TX
CH1: 2412MHz





Test mode: IEEE 802.11g TX
CH11: 2462MHz





8. POWER SPECTRAL DENSITY TEST

8.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.10, 08	1 Year
2	RF Cable	MIYAZAKI	8D-FB	NO 3	May.10, 08	1 Year

8.2.Test Information

EUT:	Internet Radio
M/N:	Blik Wi-Fi
Test Date:	May.25, 2008
Ambient Temperature:	24℃
Relative Humidity:	56%
Test standard:	FCC PART 15C: 15.247
Test mode:	IEEE 802.11b TX / IEEE 802.11g TX
Test Frequency:	CH1: 2412MHz CH6: 2437MHz CH11: 2462MHz
Test By:	Jamy

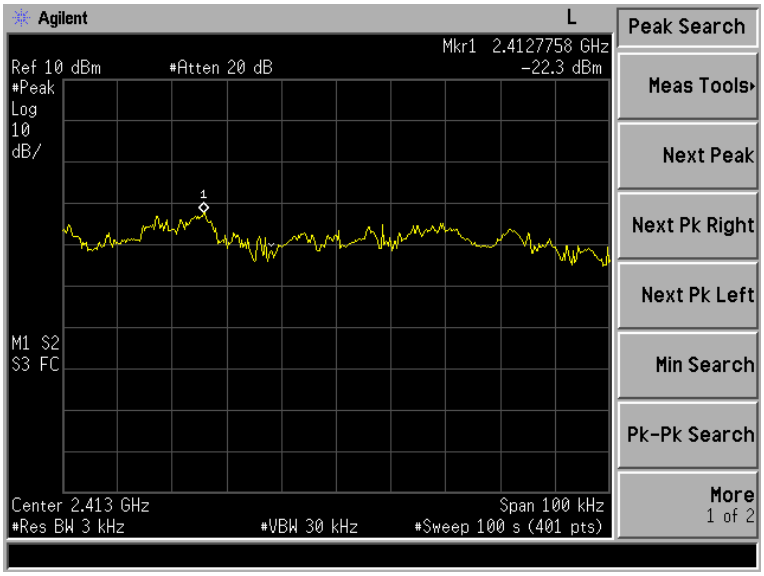
8.3.Test Procedure

The transmitter output was connected to a spectrum analyzer via a Attenuator . The power density was measured by spectrum analyzer with 3 KHz RBW and 30KHz VBW, sweep time=span/3KHz.

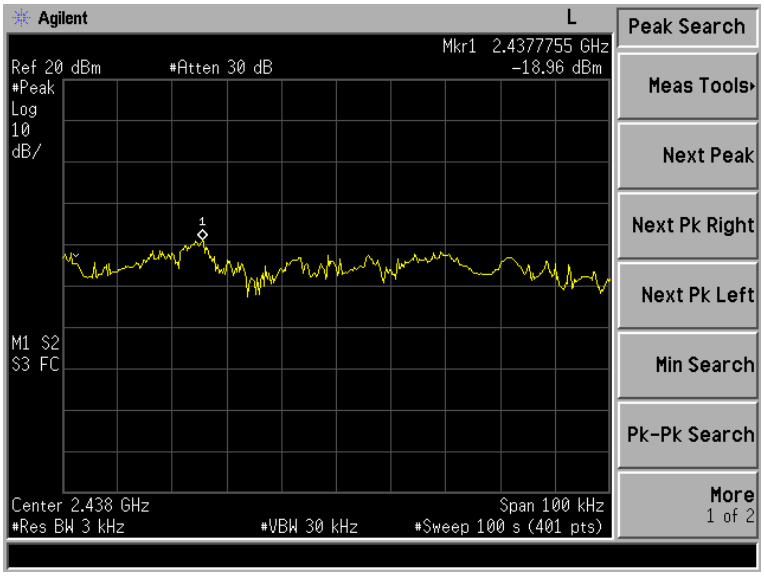
8.4.Test Results

EUT: Internet Radio M/N: Blik Wi-Fi					
Data Rate:11b 1Mbps；11g：6Mbps；(Note 1)					
Ambient Temperature:24℃			Relative Humidity: 56%		
Test date:2008/05/25			Test site: RF site	Tested by: Jamy	
CH1:2412MHz CH6:2437MHz CH11:2462MHz					
Mode	CH	Read Level (dBm/3KHz)	cable loss (dB)	Power density (dBm/3KHz)	Limit (dBm/3KHz)
11b	CH1	-22.30	1.21	-21.09	8
	CH6	-18.96	1.21	-17.75	8
	CH11	-16.87	1.21	-15.66	8
11g	CH1	-30.16	1.21	-28.95	8
	CH6	-29.26	1.21	-28.05	8
	CH11	-23.37	1.21	-22.16	8
Note1:According Exploratory test,These data rate have the maximum output power					

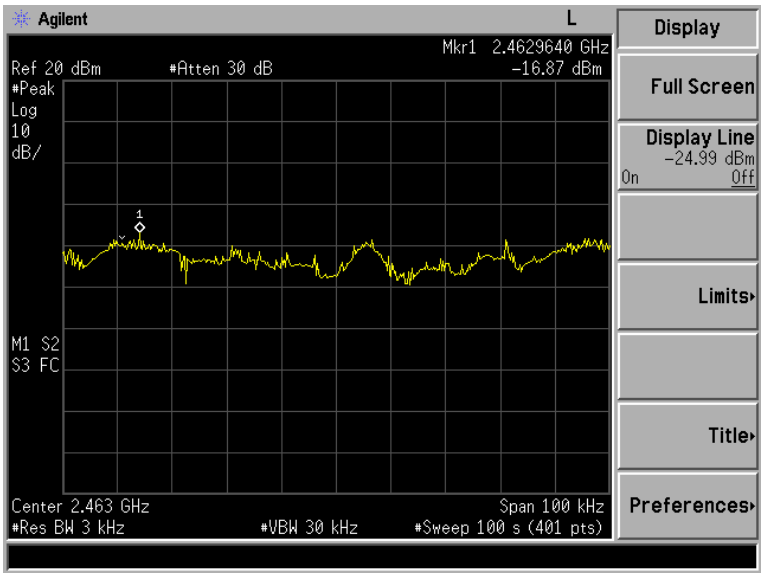
Test Mode: IEEE 802.11b TX
Test CH1: 2412MHz



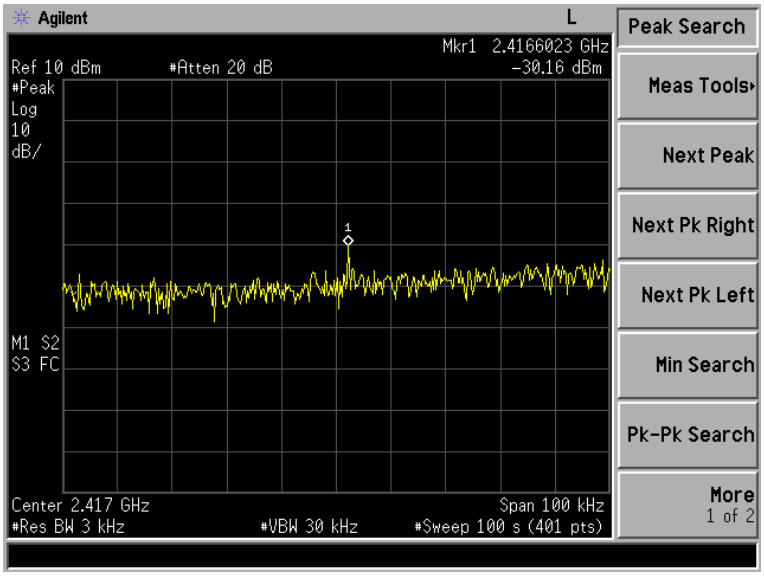
Test CH6: 2437MHz



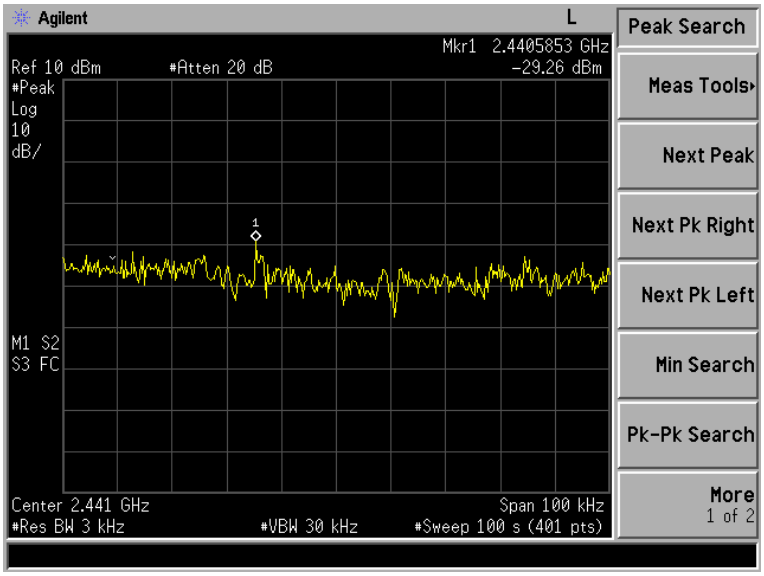
Test CH11: 2462MHz



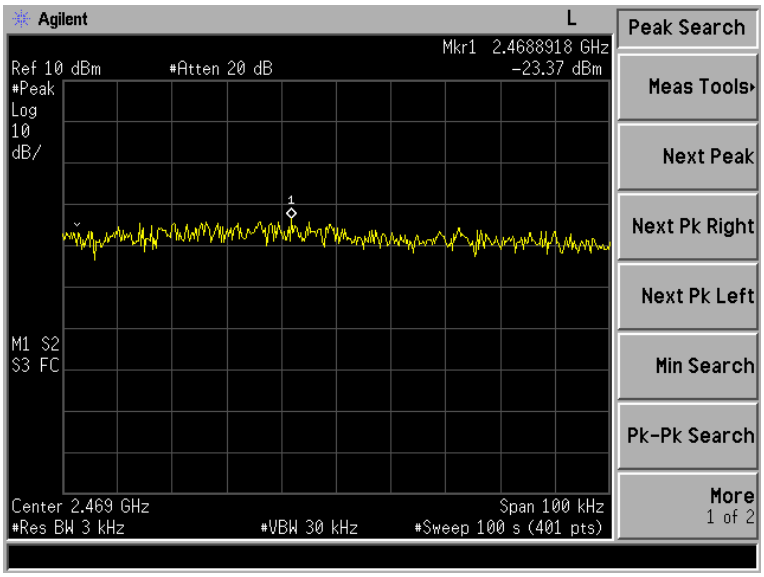
Test Mode: IEEE 802.11g TX
Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



10. ANTENNA REQUIREMENT

10.1 STANDARD APPLICABLE

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

10.2 ANTENNA CONNECTED CONSTRUCTION

This EUT have two antennas, one is external antenna, but this antenna is only used for FM receive, The other one is chip antenna fixed in the EUT and without connector, that no antenna other than that furnished by the responsible party shall be used with the device, The maximum peak gain of this antenna is only 2dBi.

11.DEVIATION TO TEST SPECIFICATIONS

[NONE]