APPLICATION FOR CERTIFICATION

On Behalf of

Shenzhen Contel Electronics Technology Co., Ltd.

RF Module

Model Number: WN7122G-CN

FCC ID: YAPWN7122G

Prepared for : Shenzhen Contel Electronics Technology Co., Ltd.
13/F, Dawning BLDG, 12Keji Nan Rd., SHIP, Shenzhen, China

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

Tel: (0755) 26639496

Report Number	:	ACS-F11089
Date of Test	:	May.03~10, 2011
Date of Report	:	May.12, 2011

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TEST REPORT CERTIFICATION

Applicant	:	Shenzhen Contel Electronics Technology Co., Ltd.
Manufacturer	:	Dong Guan Contel Electronics Co., Ltd.
EUT Description	:	RF Module
FCC ID	:	YAPWN7122G
(A)MODEL NO.	:	WN7122G-CN
(B)SERIAL NO.	:	N/A
(C)POWER SUPPLY	:	DC 5V
(D)TEST VOLTAGE	:	DC 5V From DVD Player

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

Test procedure used:
ANSI C63.10:2009

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

The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements.

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

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

Date of Test : May.03~ 10, 2011 Report of date: May.12, 2011

Prepared by : Selina Liu / Assistant

Reviewer by : Sunny Lu / Senior Assistant

AUDIX® 信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report
Signature: Ken Lu

Approved & Authorized Signer :
Ken Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

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

EMISSION		
Description of Test Item	**Standard**	**Results**
Power Line Conducted Emission Test	FCC Part 15: 15.207 ANSI C63.10: 2009	PASS
Radiated Emission Test	FCC Part 15: 15.209 ANSI C63.10: 2009	PASS
Band Edge Compliance Test	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Conducted spurious emissions test	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
6dB Bandwidth Test	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Output Power Test	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Power Spectral Density Test	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

Product Name	:	RF Module
Model Number	:	WN7122G-CN
FCC ID	:	YAPWN7122G
Operation Frequency	:	IEEE 802.11b/g, 802.11n HT20: 2412MHz---2462MHz IEEE802.11n HT40: 2422MHz---2452MHz
Channel Number	:	IEEE 802.11b/g, 802.11n HT20: 11 Channels IEEE 802.11n HT40: 7 Channels
Modulation Technology	:	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20，HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)
Output Power	:	IEEE 802.11b: 23.48dBm IEEE 802.11g: 25.37dBm IEEE 802.11n HT20: 26.46dBm IEEE 802.11n HT40: 26.47dBm
Antenna Assembly and Gain	:	Integral PCB antenna, MIMO 2X2; 1.53dBi Gain
Applicant	:	Shenzhen Contel Electronics Technology Co., Ltd. 13/F, Dawning BLDG, 12Keji Nan Rd., SHIP, Shenzhen, China
Manufacturer	:	Dong Guan Contel Electronics Co., Ltd. 2nd Industrial Park, DiChong District, GaoBu Town, Dong Guan City, Guangdong Province, China
USB Cable	:	Shielded, Detachable, 1m
Date of Test	:	May.03~10, 2011
Date of Receipt	:	May.02, 2011
Sample Type	:	Prototype production

2.2.Test information

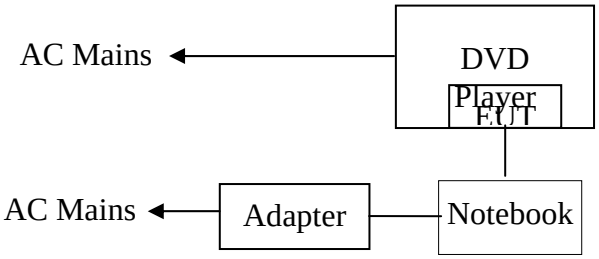
The test software “arcadyan_fcc_command” was used to control EUT work in Continuous TX mode (100% duty cycle), and select test channel, wireless mode and data rate.

Tested mode, channel, and data rate information			
Mode	data rate (Mpbs)(see Note)	Channel	Frequency (MHz)
IEEE 802.11b	11	Low :CH1	2412
	11	Middle: CH6	2437
	11	High: CH11	2462
IEEE 802.11g	6	Low :CH1	2412
	6	Middle: CH6	2437
	6	High: CH11	2462
IEEE 802.11n HT20	6.5	Low :CH1	2412
	6.5	Middle: CH6	2437
	6.5	High: CH11	2462
IEEE 802.11n HT40	13.5	Low :CH1	2422
	13.5	Middle: CH4	2437
	13.5	High: CH7	2452
Note1:According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test. Note2:This device use MIMO 2X2 antennas, for 802.11b/g mode, based exploratory test, when transmit with Chain 2 have worse emissions, so the final radiated emissions test for 802.11b/g mode were tested with chain 2 transmit mode. Note3: This device is a wireless Module, and the typical use is for DVD player, so for radiated emissions test and other test items, tested with a typical host DVD Player.			

2.3.Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1	Notebook	-	DELL	PP09S	124XK2X	☑FCC DoC ☑BSMI ID:R33002
		Power Adaptor: Manufacturer: DELL, M/N: LA65NS1-00 Cable: Unshielded, Detachabled, 4.0m (Bond one ferrite core)				
2	DVD Player	ACS-EMC-DVD01	DENON	DVD-3910	4098400342E	☐FCC ID ☐BSMI ID
		Data Cable: Shielded, Detachabled, 1.8m Power Cord: Unshielded, Detachabled , 1.8m				

2.4. Block diagram of connection between the EUT and simulators



(EUT: RF Module)

2.5.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 : Mar.31, 2009 File on Federal Communication Commission
Registration Number: 90454

3m & 10m Anechoic Chamber : Dec. 30, 2009 File on Federal Communication Commission
Registration Number: 794232

EMC Lab. : Certificated by Industry Canada
Registration Number: IC 5183A-1
Jul. 03, 2009

: Accredited by DATech, German
Registration Number: DAT-P-091/99-01
Feb. 02, 2009

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

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

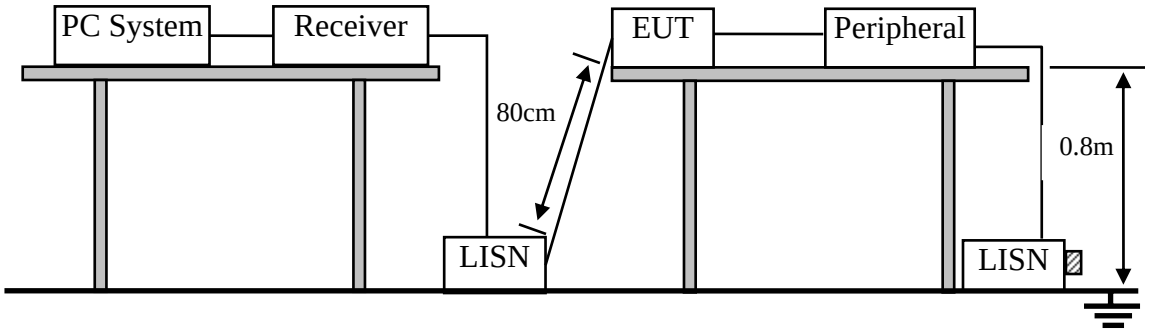
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.64 dB (9kHz to 150kHz
	3.22 dB(150kHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	4.20 dB (Polarize: V)
	4.66 dB (Polarize: H)
Uncertainty for Radiated Spurious Emission test in RF chamber	2.70 dB(Bilog antenna 30M~1000MHz)
	2.27 dB(Horn antenna 1000M~12750MHz)
Uncertainty for Conduction Spurious emission test	2.12 dB
Uncertainty for Output power test	0.97 dB
Uncertainty for Power density test	2.21 dB
Uncertainty for Frequency range test	$1x10^{-9}$
Uncertainty for Bandwidth test	$1x10^{-9}$
Uncertainty for DC power test	0.038 %
Uncertainty for test site temperature and humidity	0.3℃
	2%

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	Nov.05, 10	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	Nov.05, 10	1 Year
3.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	May.08, 10	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 10	1 Year
5.	RF Cable	Fujikura	3D-2W	LISN Cable 1#	May.08, 10	1Year
6.	Coaxial Switch	Anritsu	MP59B	M55367	May.08, 10	1 Year
7.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	May.08, 10	1 Year

3.2.Block Diagram of Test Setup



▨ :50Ω Terminator

3.3.Power Line Conducted Emission Test Limits

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

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

3.4.Configuration of EUT on Test

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

3.4.1. RF Module (EUT)

Model Number : WN7122G-CN
Serial Number : N/A

3.4.2. Support Equipment : As Tested Supporting System Detail, in Section 2.3.

3.5. Operating Condition of EUT

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

3.5.2. Turned on the power of all equipment.

3.5.3. Notebook run test software to control RF module work in Tx mode.

3.5.4. When test with host, the host also playing Blue-disc and reading music from iPod by USB port.

3.5.5. All other input and outputs of host were connected to dummy load.

3.6. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via Notebook connected to the power mains through a line impedance stabilization network (L.I.S.N. #1). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#3). Both sides of power 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 C63.10: 2009 on Conducted Emission Test.

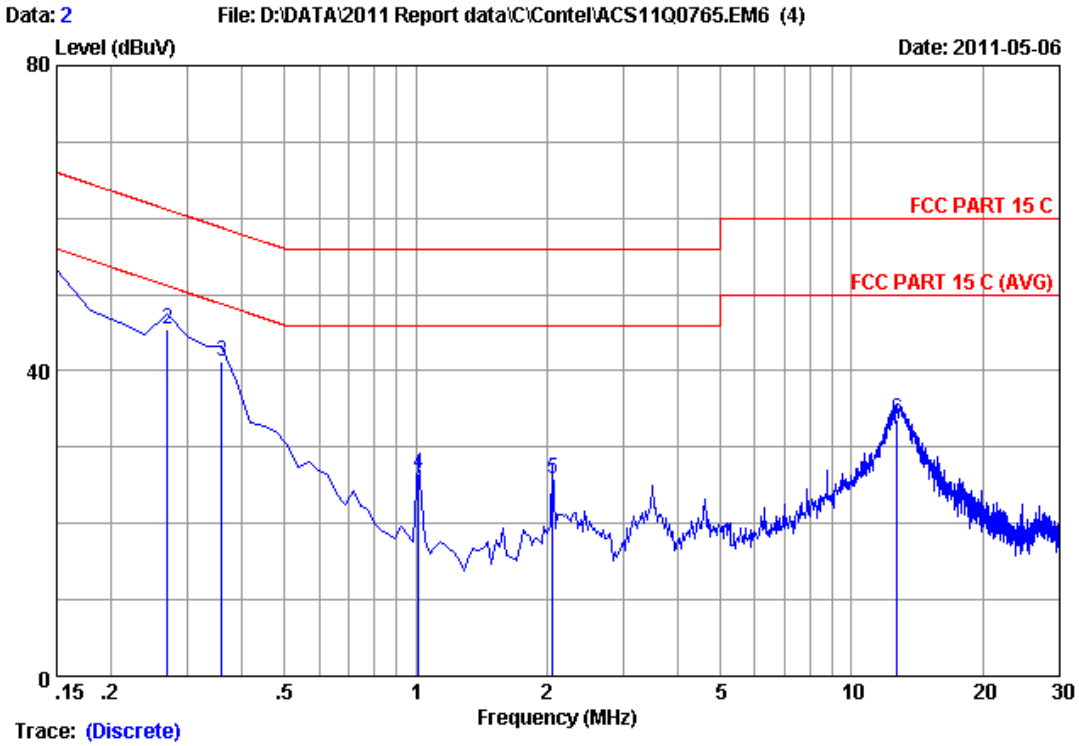
The bandwidth of test receiver (R & S ESHS10) is set at 10kHz.

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

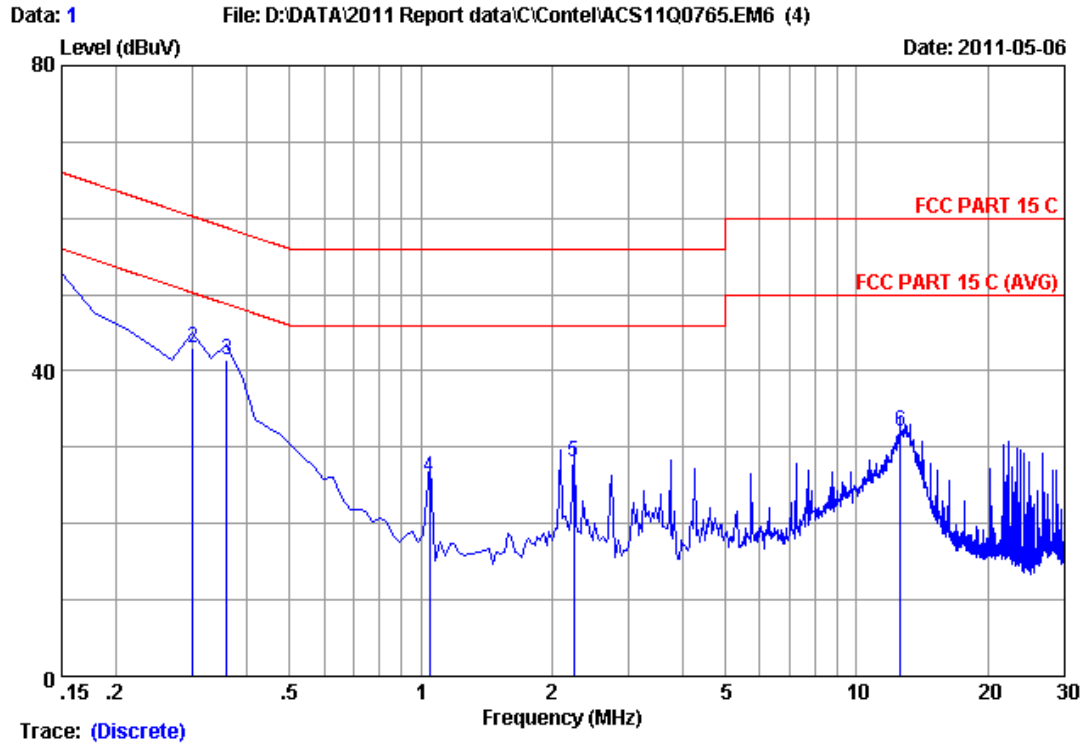
PASS. **(**All emissions not reported below are too low against the prescribed limits.)



Site no :1#conduction Data No :2
Dis./Ant. :** 2011 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :29.5*C/55% Engineer :Leo-Li
EUT :RF Module M/N:WN71226-CN
Power Rating :DC 5V From DVD Player input AC 120V/60Hz
Test Mode :Tx Mode

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.17	9.88	34.28	44.33	66.00	21.67	QP
2	0.26940	0.18	9.88	35.42	45.48	61.14	15.66	QP
3	0.35895	0.18	9.88	31.19	41.25	58.75	17.50	QP
4	1.016	0.23	9.89	16.37	26.49	56.00	29.51	QP
5	2.060	0.31	9.91	15.55	25.77	56.00	30.23	QP
6	12.687	0.83	10.02	22.73	33.58	60.00	26.42	QP

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



Site no :1#conduction Data No :1
Dis./Ant. :** 2011 ESH2-Z5 NEUTRAL
Limit :FCC PART 15 C
Env./Ins. :29.5*C/55% Engineer :Leo-Li
EUT :RF Module M/N:WN71226-CN
Power Rating :DC 5V From DVD Player input AC 120V/60Hz
Test Mode :Tx Mode

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.21	9.88	37.66	47.75	66.00	18.25	QP
2	0.29925	0.21	9.88	32.85	42.94	60.26	17.32	QP
3	0.35895	0.22	9.88	31.37	41.47	58.75	17.28	QP
4	1.046	0.24	9.89	15.89	26.02	56.00	29.98	QP
5	2.240	0.27	9.91	17.82	28.00	56.00	28.00	QP
6	12.597	0.53	10.01	21.53	32.07	60.00	27.93	QP

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

4. RADIATED EMISSION TEST

4.1.Test Equipment

Frequency range: 30~1000MHz

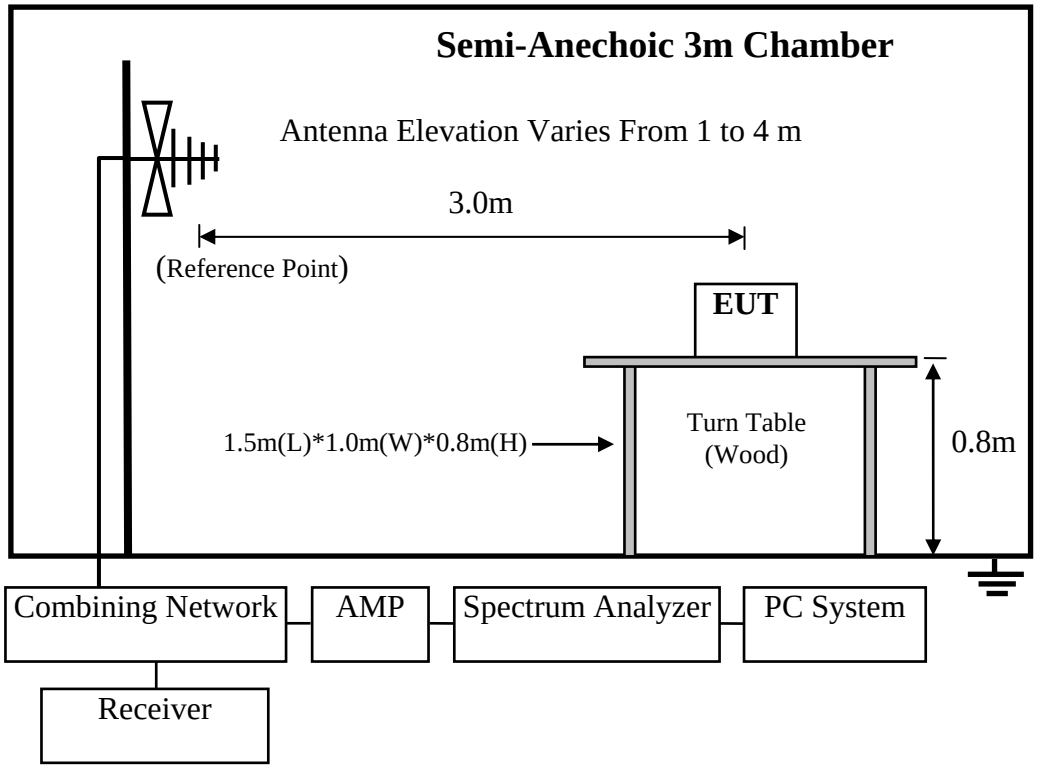
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Dec.06,10	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 10	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 10	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 10	1 Year
5	Bilog Antenna	Schaffner	CBL6111C	2598	Oct.26, 10	1 Year
6	RF Cable	MIYAZAKI	8D-FB	3# Chamber No.1	May.08, 10	1 Year
7	Coaxial Switch	Anritsu	MP59B	M73989	May.08, 10	1 Year

Frequency range: above 1000MHz

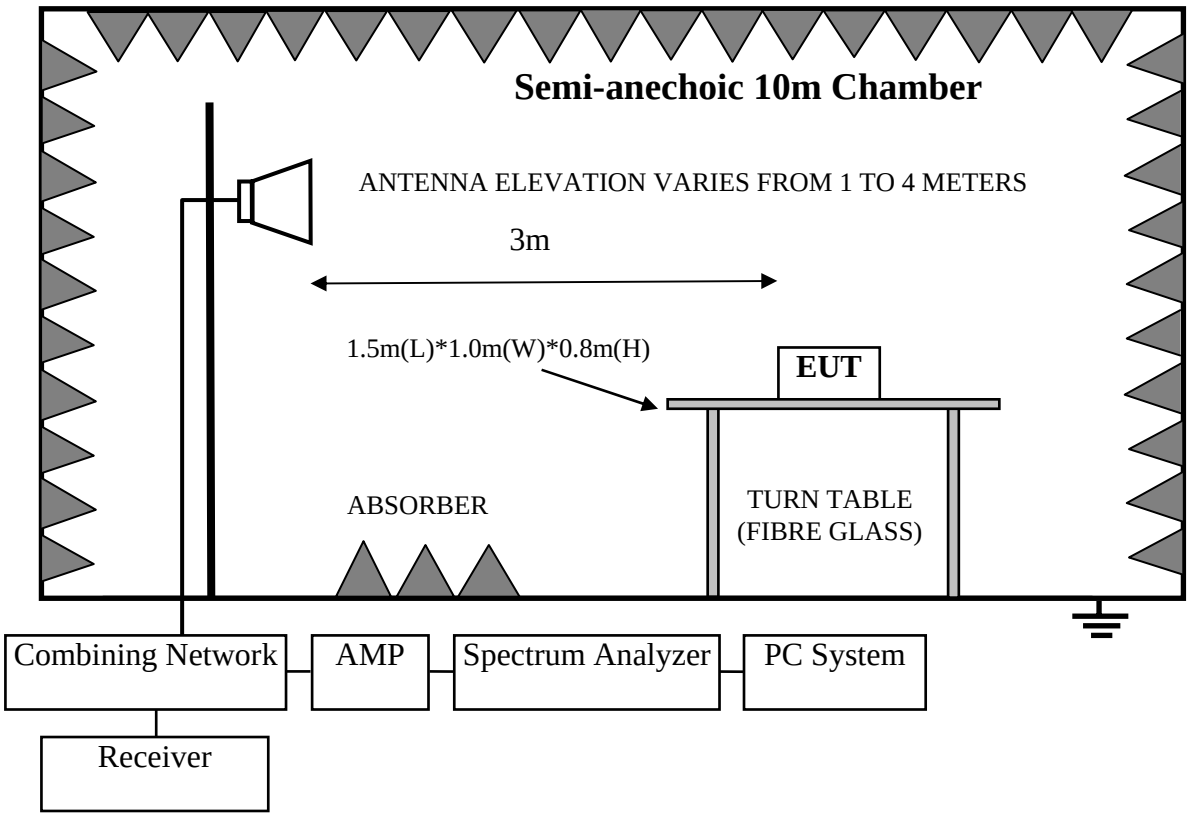
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 10	1 Year
2	Horn Antenna	EMCO	3115	9607-4877	Nov.25, 09	1.5 Year
3	Horn Antenna	EMCO	3116	00060089	Nov.25, 09	1.5 Year
4	Amplifier	Agilent	8449B	3008A00863	May.08, 10	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	May.08, 10	1 Year
6	RF Cable	Hubersuhner	SUCOFLEX102	29091/2	May.08, 10	1 Year

4.2.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-25GHz



4.3.Radiated Emission Limit

4.3.1. 15.209 limits

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.

4.3.2. 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

4.4. EUT Configuration on Test

The configurations of EUT are listed in Section 3.5.

4.5. Operating Condition of EUT

Same as Conducted Emission test that is listed in Section 3.6. except the test set up replaced by Section 4.2.

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 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 ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

The frequency range from 30MHz to 10^{th} harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25 GHz, So the radiated emissions from 18GHz to 25GHz were not record.

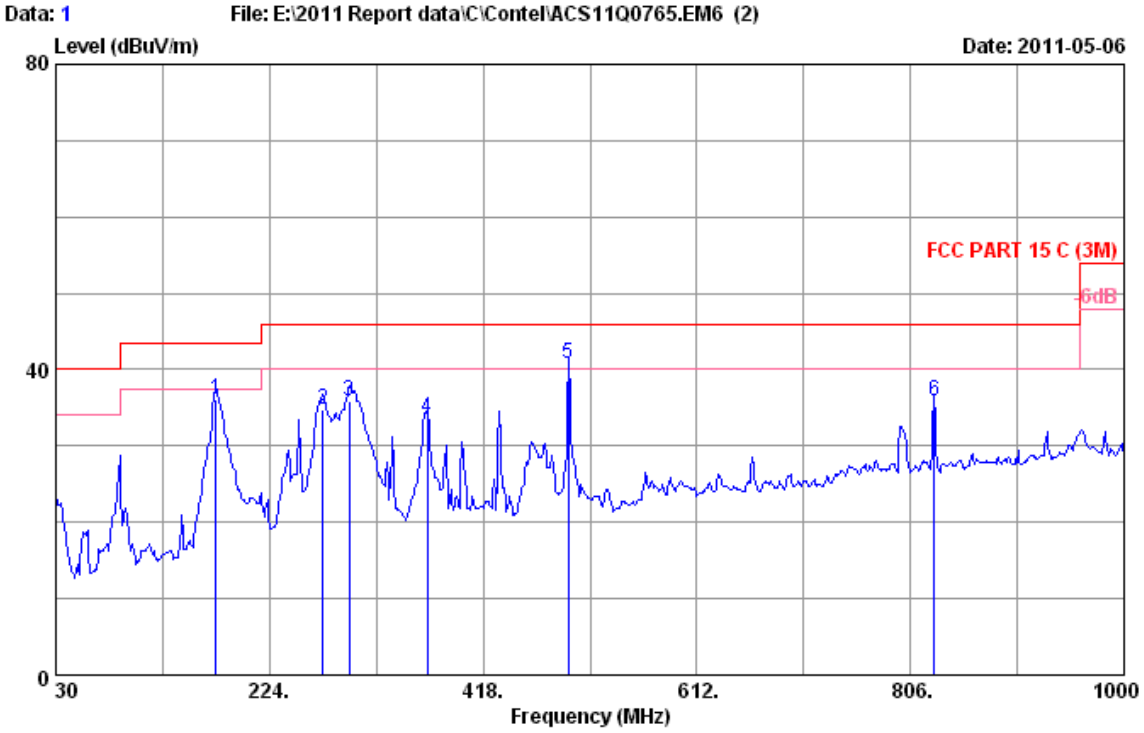
4.7.Radiated Emission Test Results

PASS.

Radiated emission tested with typical host DVD Player.

All the emissions from 30MHz to 25 GHz were comply with 15.209 limits.

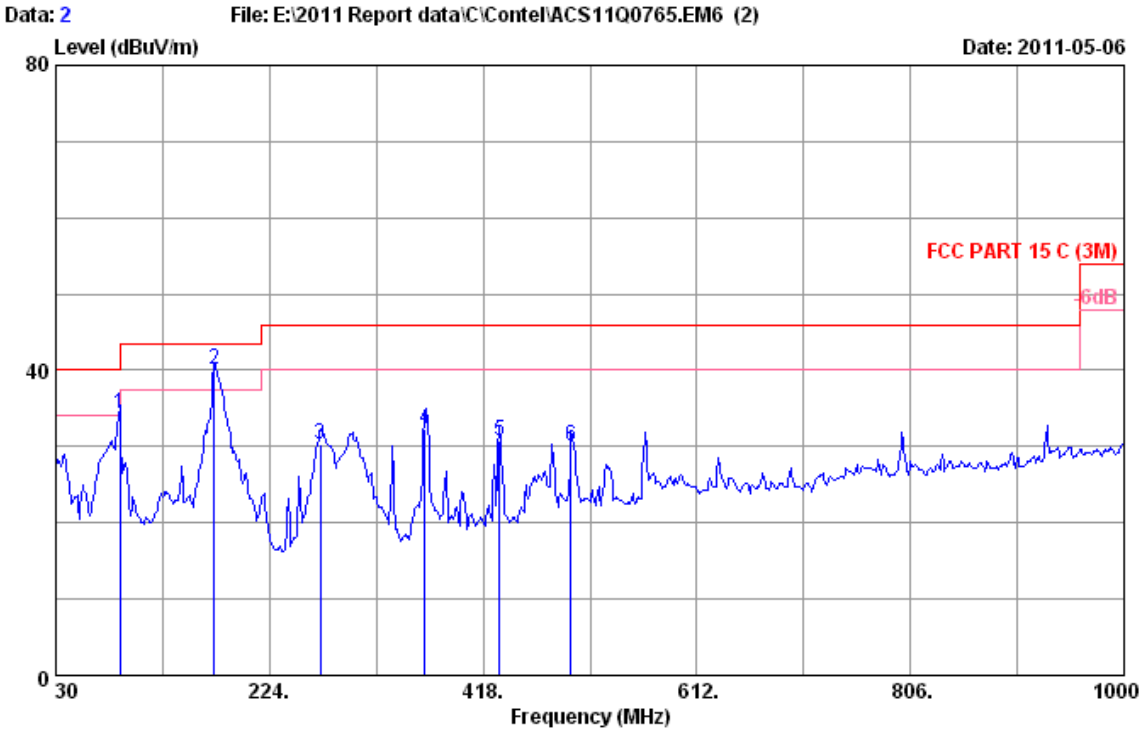
Frequency: 30MHz~1GHz



Site no. : 3m Chamber
Data no. : 1
Dis. / Ant. : 3m 2010 CBL6111C
Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56%
Engineer : Leo_Li
EUT : RF Module
Power rating : DC 5V From DVD Player input AC 120V/60Hz
Test Mode : Tx Mode
M/N:WN71226-CN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	175.500	9.65	1.44	24.96	36.05	43.50	7.45	QP
2	272.500	13.25	2.31	19.25	34.81	46.00	11.19	QP
3	296.750	13.70	2.46	19.73	35.89	46.00	10.11	QP
4	367.560	15.53	2.77	15.42	33.72	46.00	12.28	QP
5	495.600	18.25	3.52	18.92	40.69	46.00	5.31	QP
6	827.340	22.20	4.98	8.65	35.83	46.00	10.17	QP

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

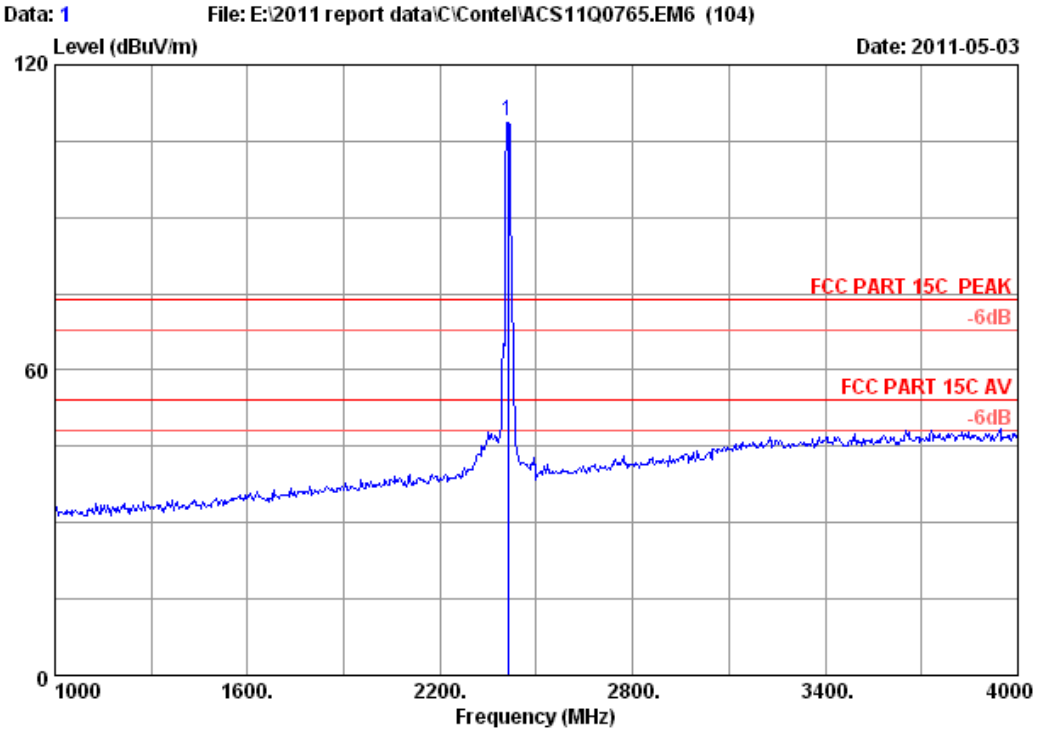


Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 2010 CBL6111C Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56% Engineer : Leo_Li
EUT : RF Module
Power rating : DC 5V From DVD Player input AC 120V/60Hz
Test Mode : Tx Mode
M/N:WN71226-CN

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	88.200	8.82	1.04	24.47	34.33	43.50	9.17	QP
2	173.500	9.80	1.41	28.80	40.01	43.50	3.49	QP
3	270.560	13.28	2.30	14.82	30.40	46.00	15.60	QP
4	364.650	15.55	2.76	14.06	32.37	46.00	13.63	QP
5	432.550	17.42	3.12	10.13	30.67	46.00	15.33	QP
6	497.540	18.27	3.53	8.31	30.11	46.00	15.89	QP

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

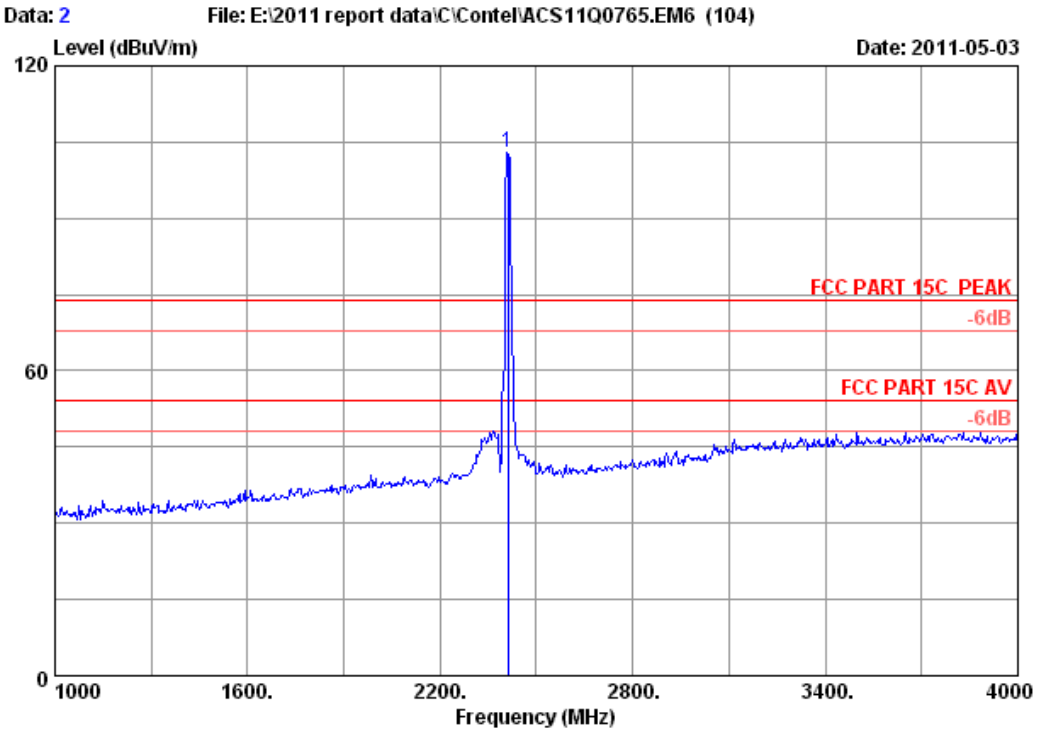
Frequency: 1GHz~18GHz



Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : WN7122G-CN

	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	2412.000	29.45	7.43	36.62	108.70	108.96	74.00	-34.96	Peak

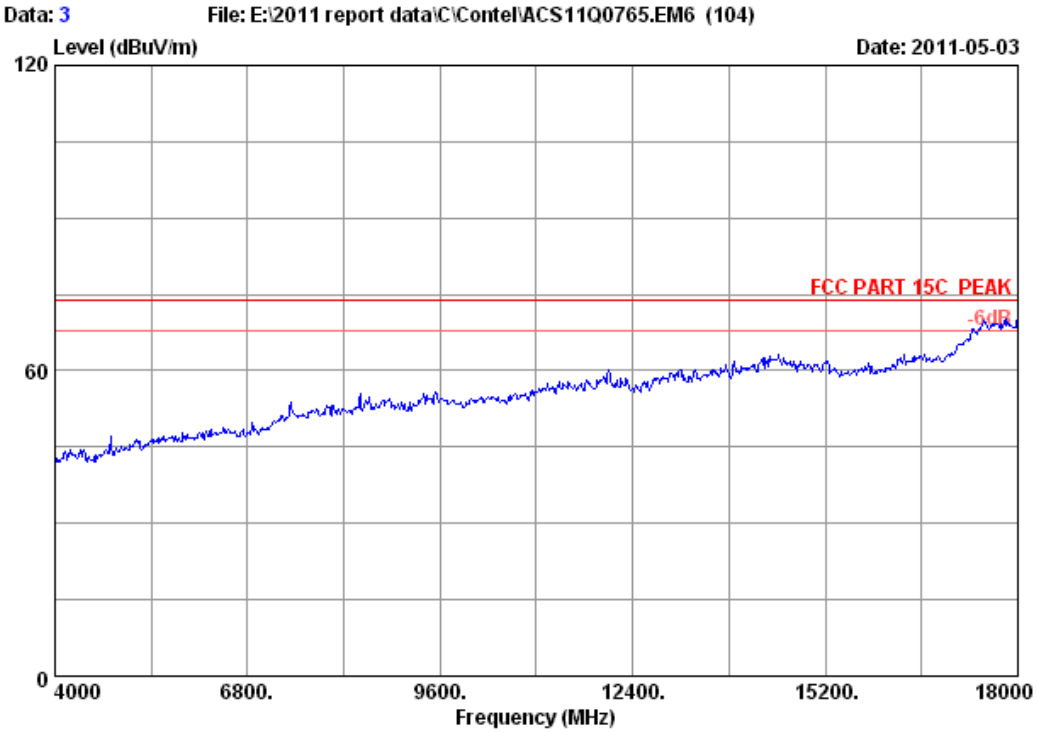
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



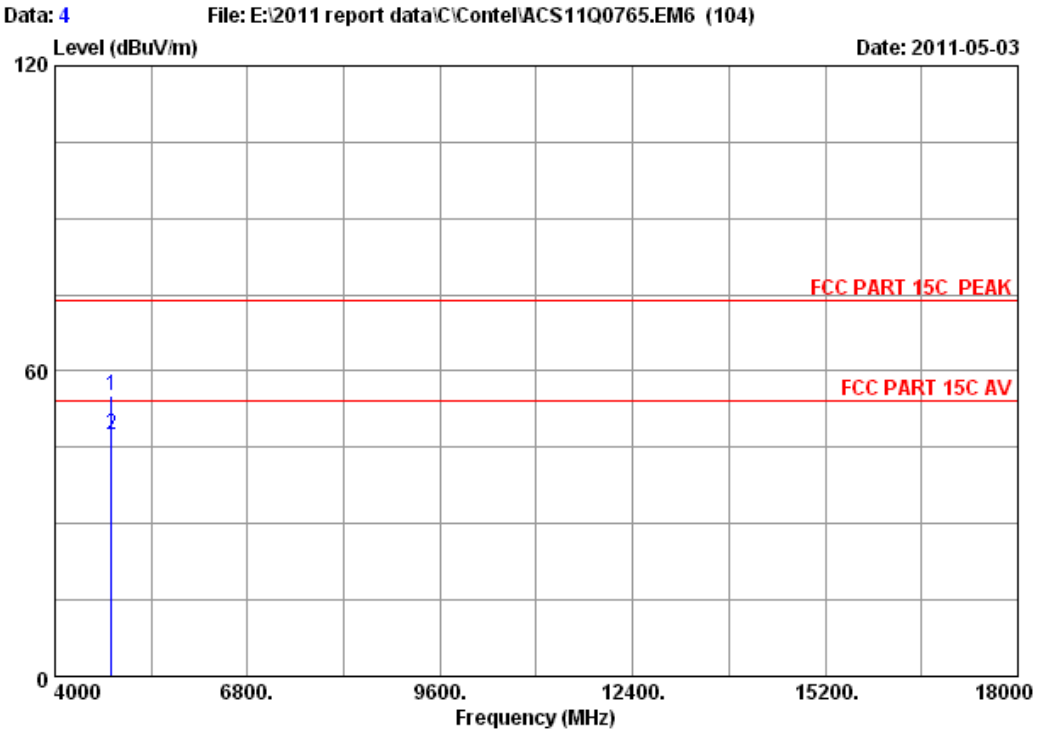
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : WN7122G-CN

	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	2412.000	29.45	7.43	36.62	102.75	103.01	74.00	-29.01	Peak

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



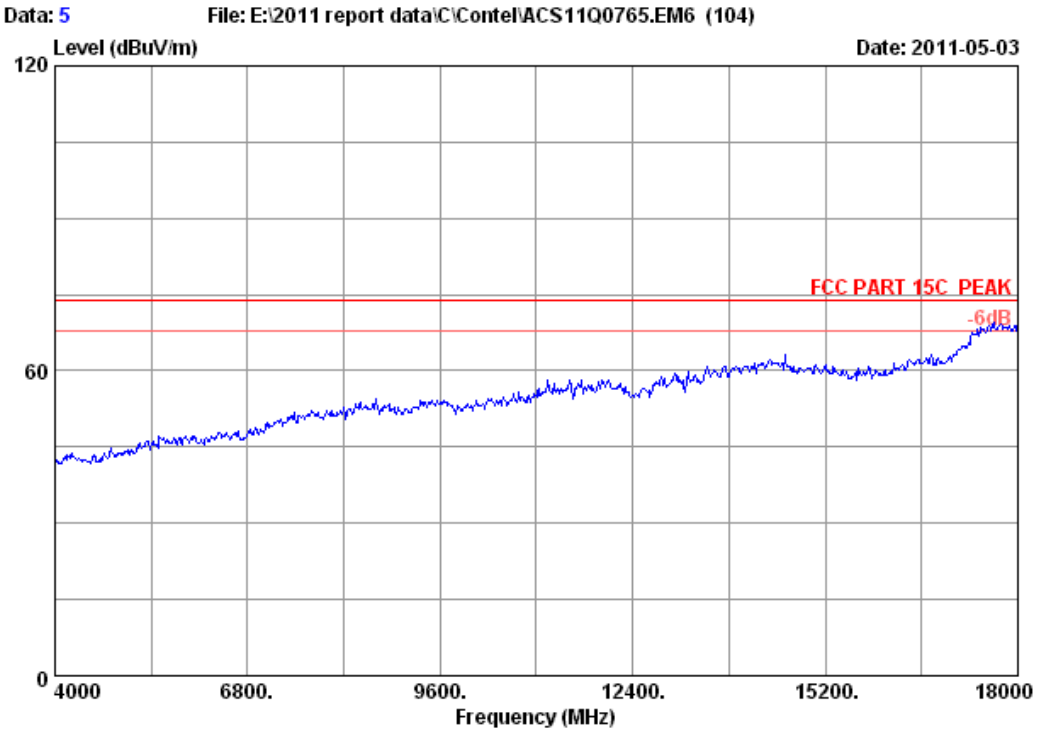

```
Site no.      : 3m Chamber                Data no. :  3
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11b  CH1 2412MHz  Tx
M/N           : WN7122G-CN
```



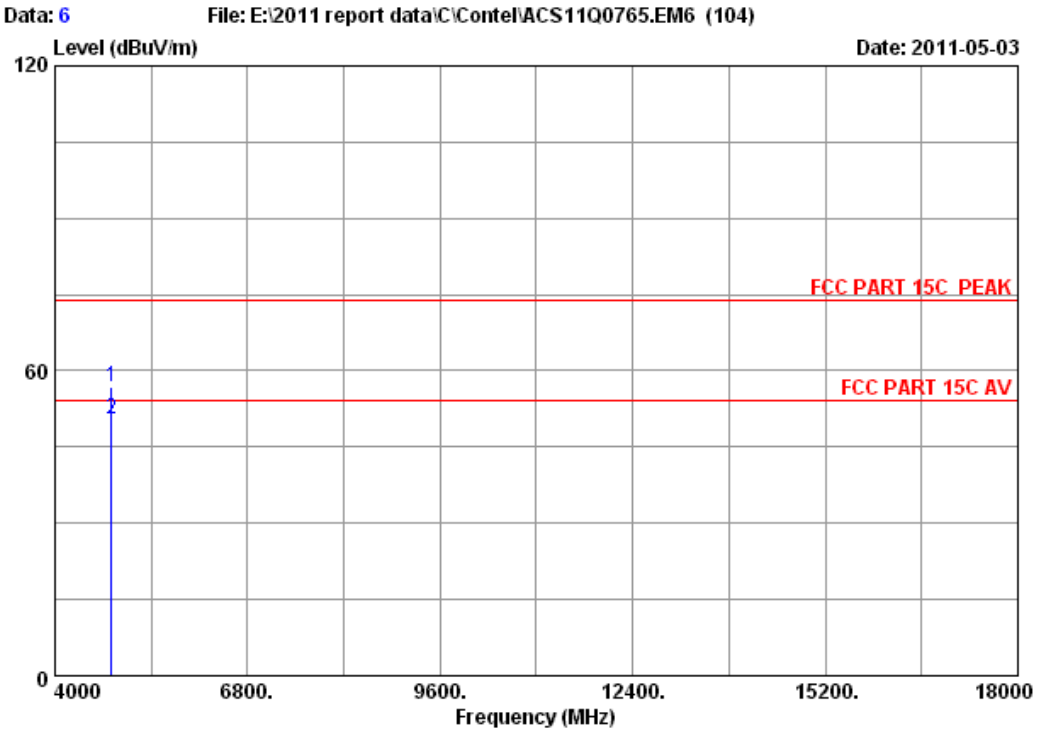
Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	45.30	55.18	74.00	18.82	Peak
2	4824.000	34.32	10.64	35.08	37.72	47.60	54.00	6.40	Average

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



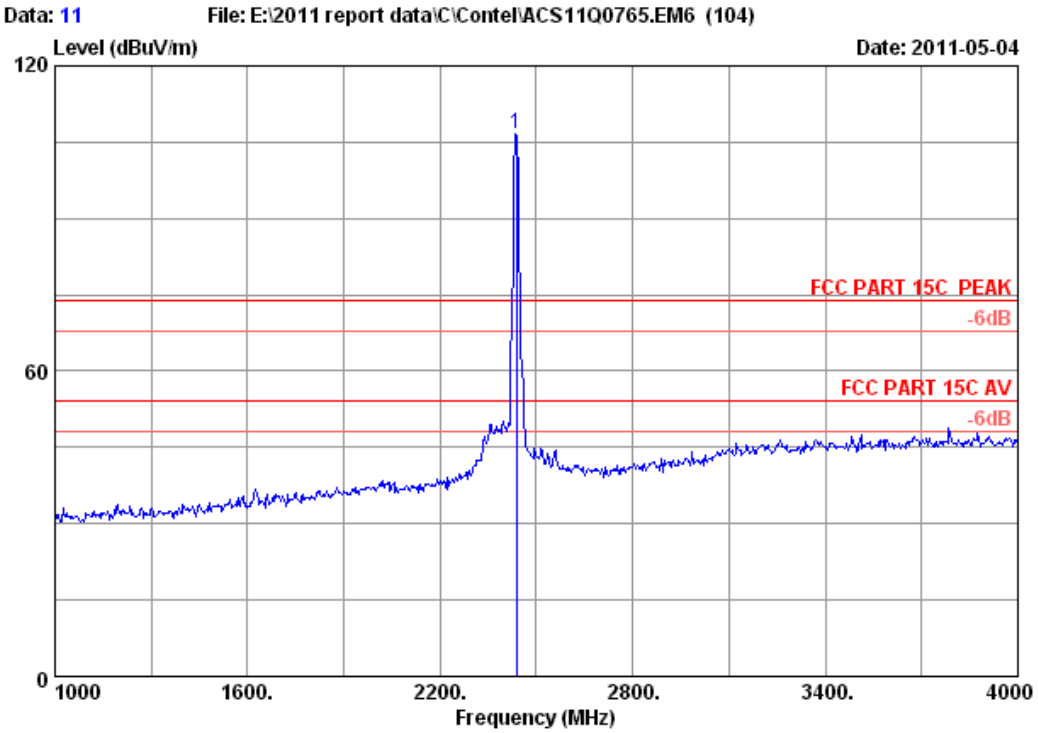
Site no.	: 3m Chamber	Data no.	: 5
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Leo-Li
EUT	: RF Module		
Power	: DC 5V From DVD Player input AC 120V/60Hz		
Test mode	: IEEE802.11b CH1 2412MHz Tx		
M/N	: WN7122G-CN		



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	46.83	56.71	74.00	17.29	Peak
2	4824.000	34.32	10.64	35.08	40.48	50.36	54.00	3.64	Average

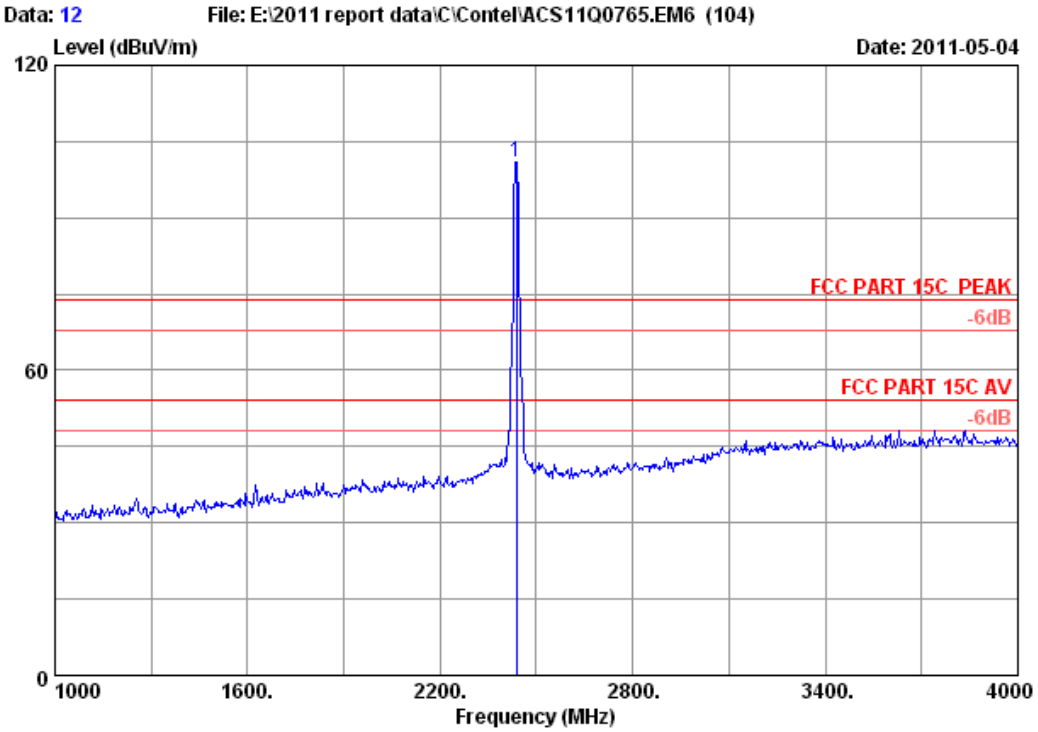
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	106.17	106.49	74.00	-32.49	Peak

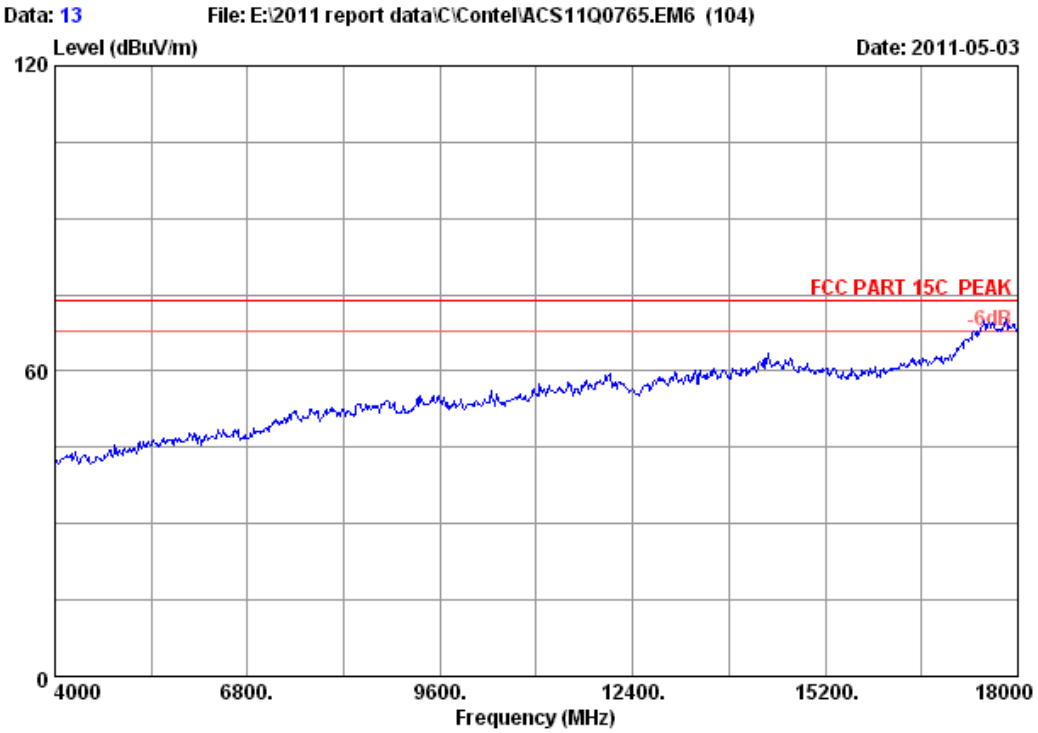
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



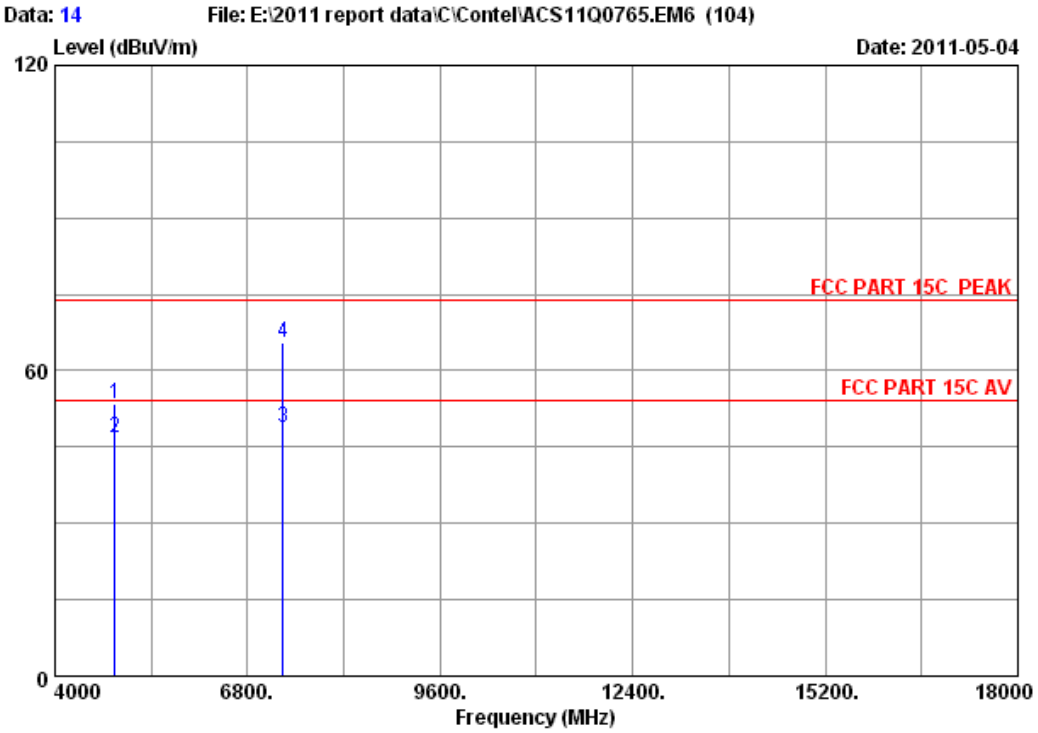
Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	100.64	100.96	74.00	-26.96	Peak

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



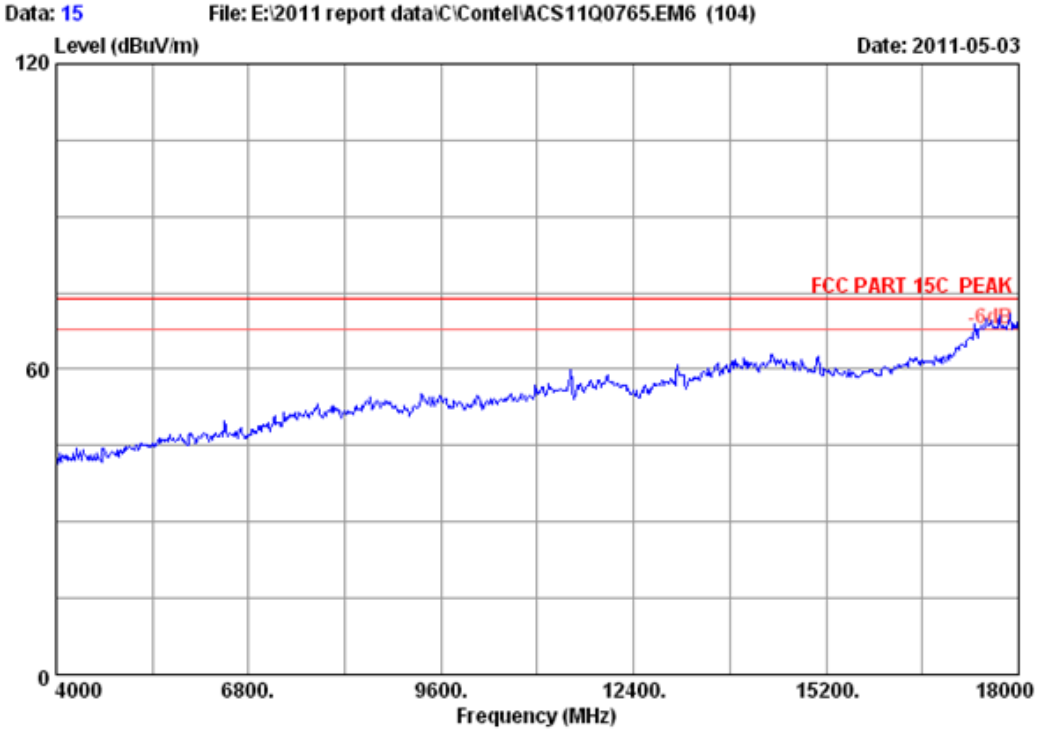

```
Site no.      : 3m Chamber                Data no. :  13
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11b  CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



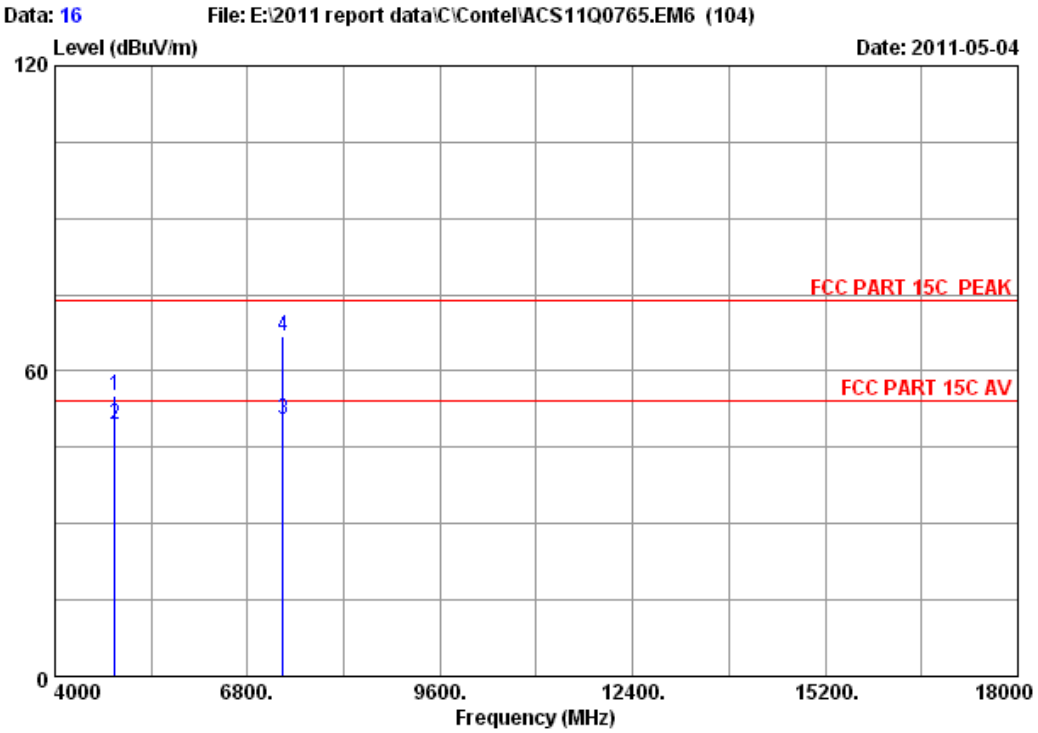
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4874.000	34.41	10.69	35.03	43.35	53.42	74.00	20.58	Peak
2	4874.000	34.41	10.69	35.03	36.69	46.76	54.00	7.24	Average
3	7311.000	37.28	13.40	33.94	32.08	48.82	54.00	5.18	Average
4	7311.000	37.28	13.40	33.94	48.63	65.37	74.00	8.63	Peak

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



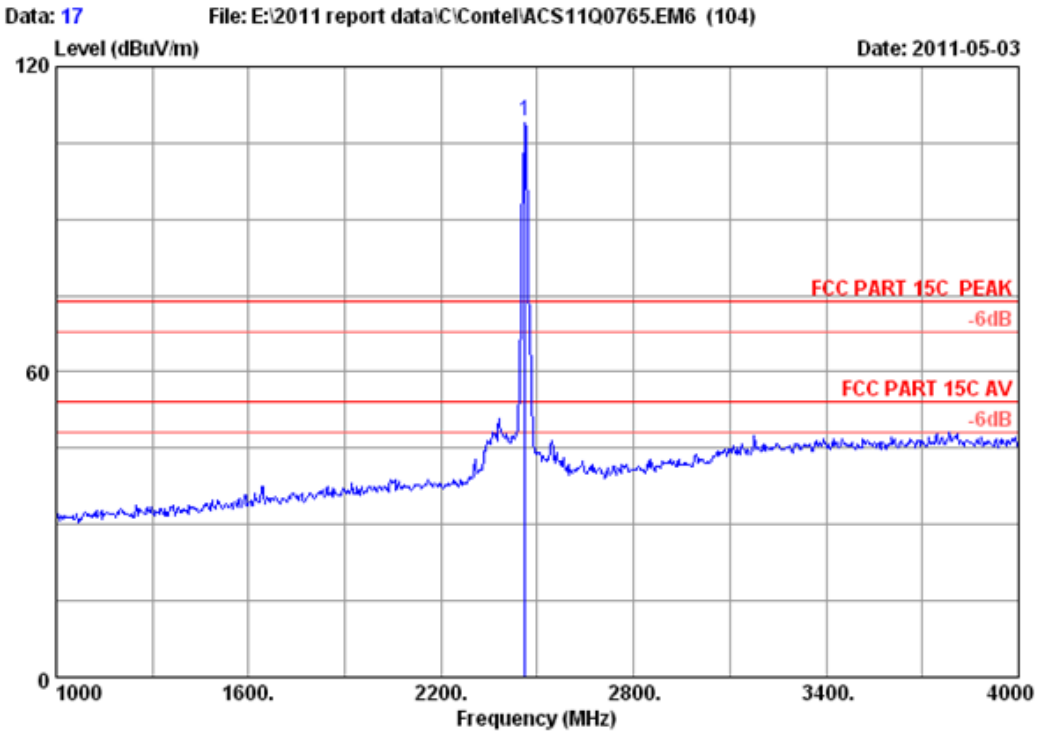

```
Site no.      : 3m Chamber                Data no. :  15
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11b  CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4874.000	34.41	10.69	35.03	44.95	55.02	74.00	18.98	Peak
2	4874.000	34.41	10.69	35.03	39.52	49.59	54.00	4.41	Average
3	7311.000	37.28	13.40	33.94	33.81	50.55	54.00	3.45	Average
4	7311.000	37.28	13.40	33.94	50.12	66.86	74.00	7.14	Peak

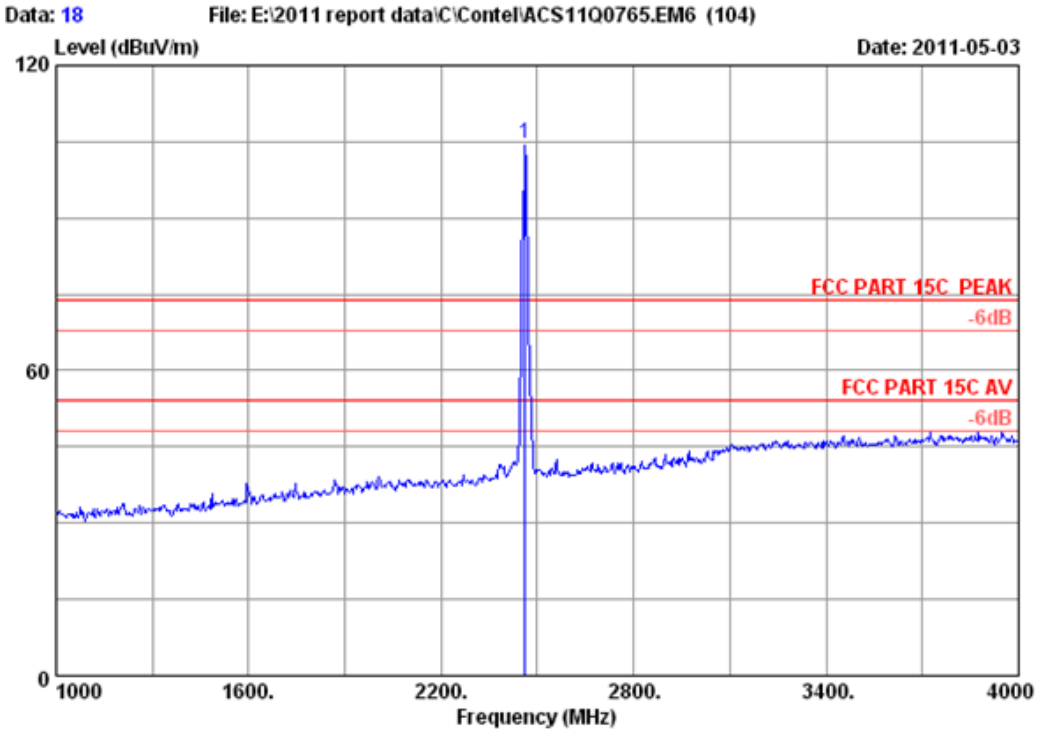
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : WN7122G-CN

	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	2462.000	29.48	7.54	36.61	108.82	109.23	74.00	-35.23	Peak

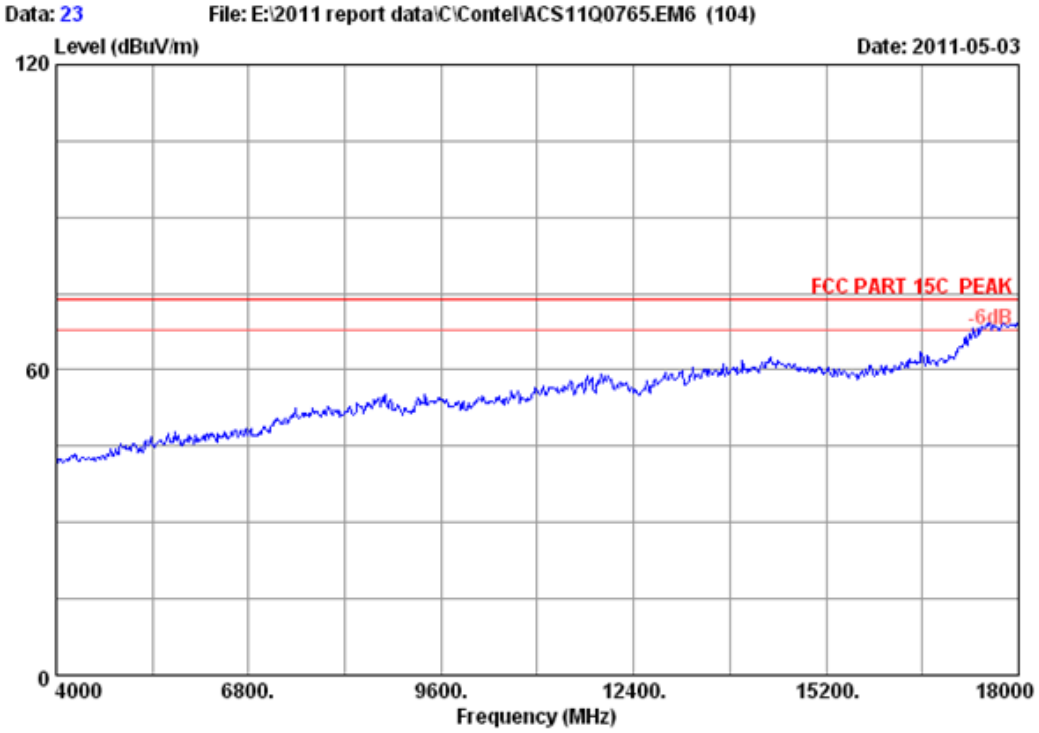
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



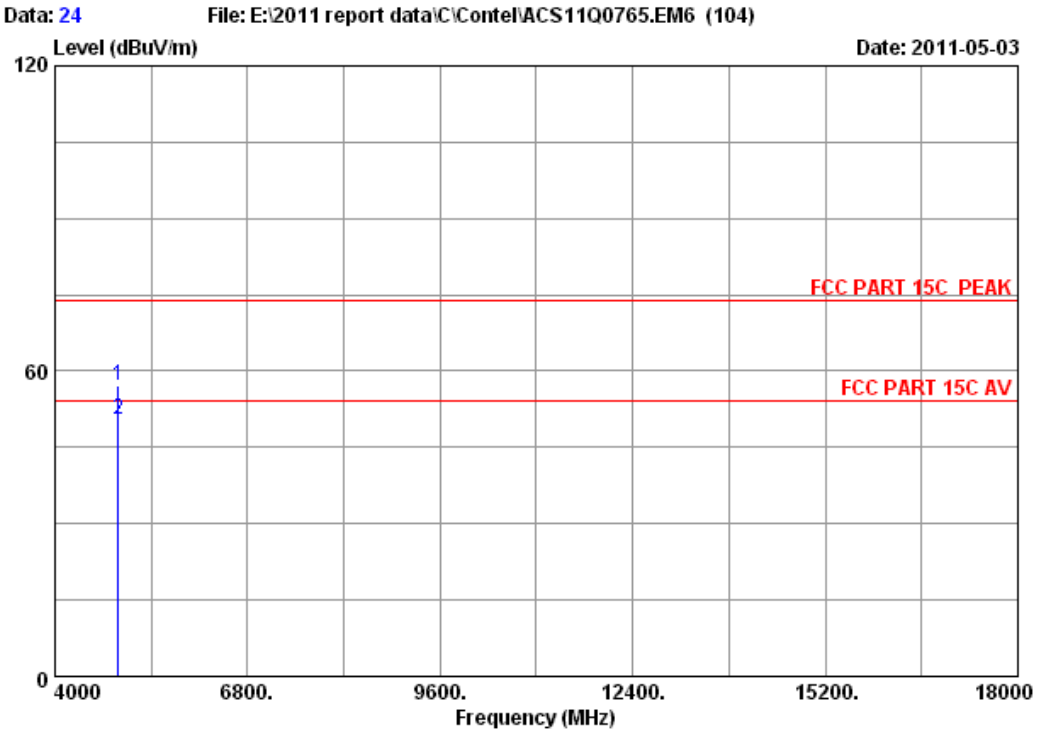

```
Site no.      : 3m Chamber                Data no. :  18
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11b  CH11 2462MHz  Tx
M/N           : WN7122G-CN
```

	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	2462.000	29.48	7.54	36.61	104.19	104.60	74.00	-30.60	Peak

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



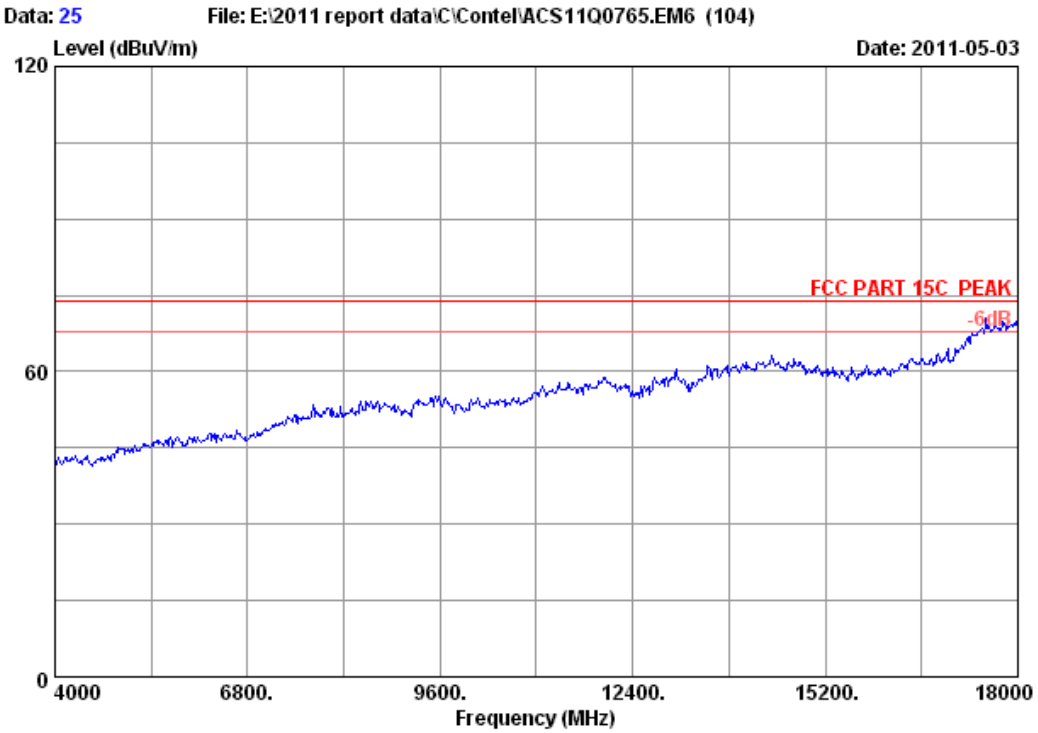
Site no.	: 3m Chamber	Data no.	: 23
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Leo-Li
EUT	: RF Module		
Power	: DC 5V From DVD Player input AC 120V/60Hz		
Test mode	: IEEE802.11b CH11 2462MHz Tx		
M/N	: WN7122G-CN		



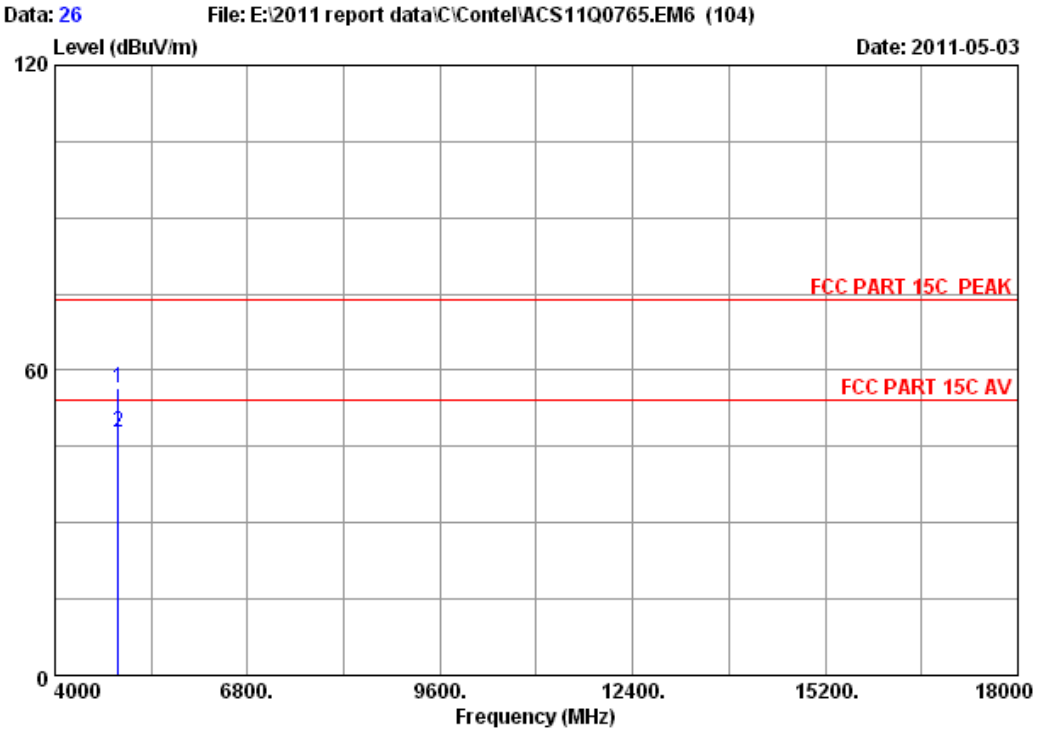
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : WN7122G-CN

	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	4924.000	34.49	10.76	34.98	46.91	57.18	74.00	16.82	Peak
2	4924.000	34.49	10.76	34.98	40.11	50.38	54.00	3.62	Average

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



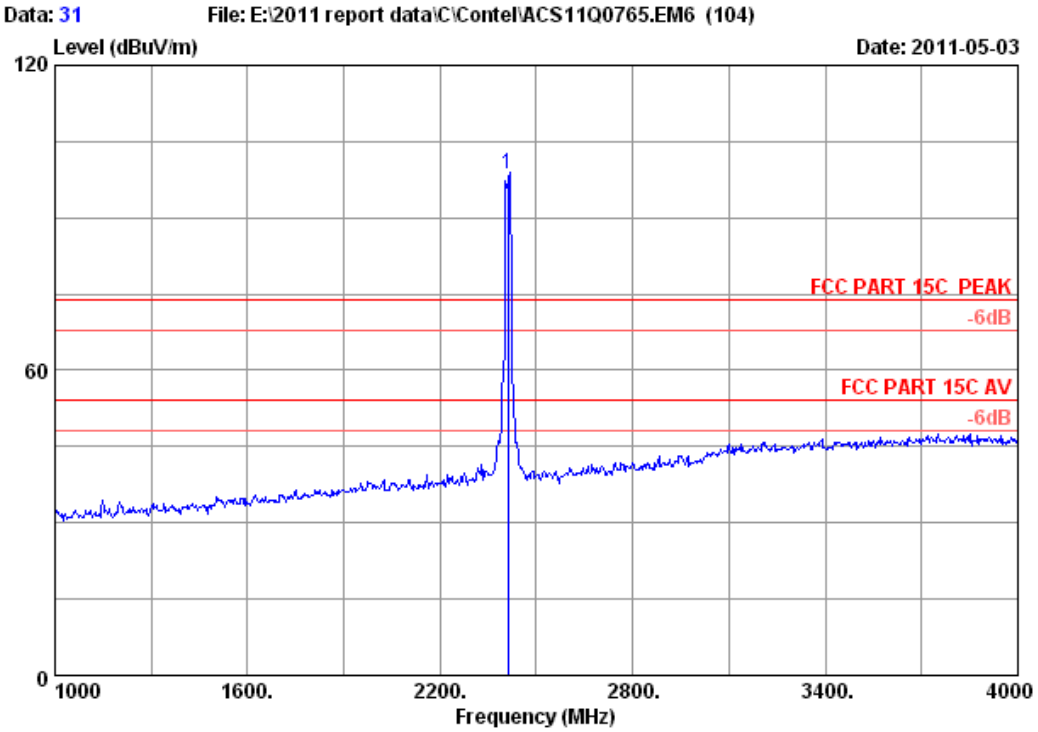

```
Site no.      : 3m Chamber                Data no. :  25
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11b  CH11 2462MHz  Tx
M/N           : WN7122G-CN
```



Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : WN7122G-CN

	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	4924.000	34.49	10.76	34.98	46.27	56.54	74.00	17.46	Peak
2	4924.000	34.49	10.76	34.98	37.36	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.

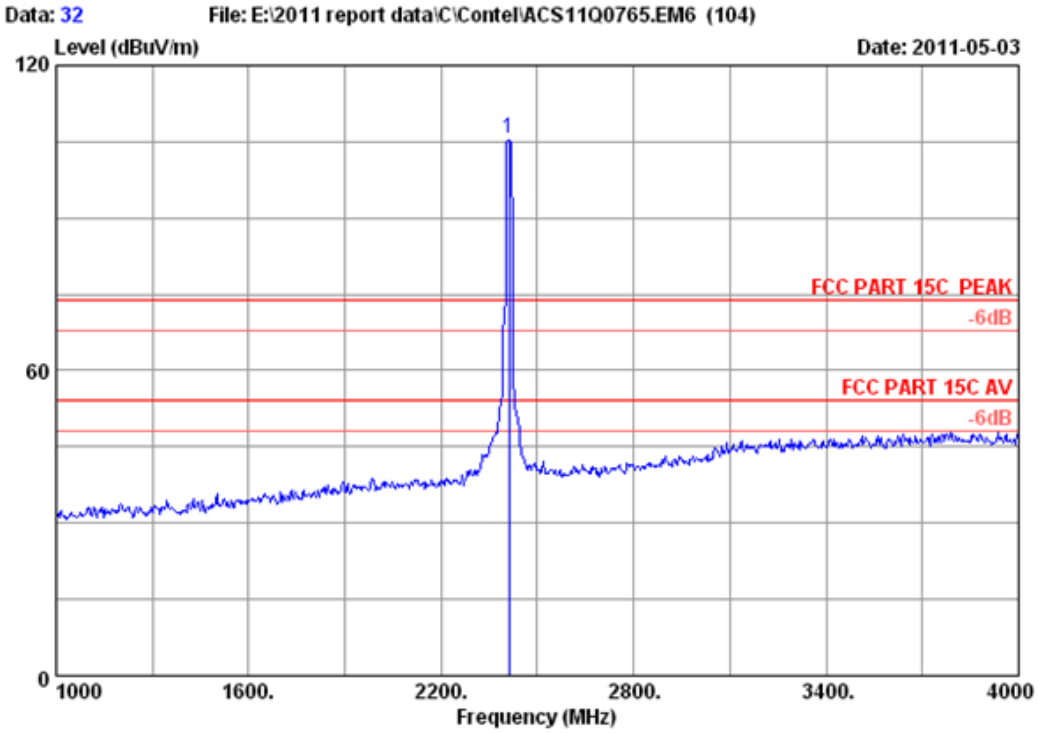



```
Site no.      : 3m Chamber                Data no. :  31
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11g  CH1 2412MHz  Tx
M/N           : WN7122G-CN
```

	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	2412.000	29.45	7.43	36.62	98.40	98.66	74.00	-24.66	Peak

Remarks:

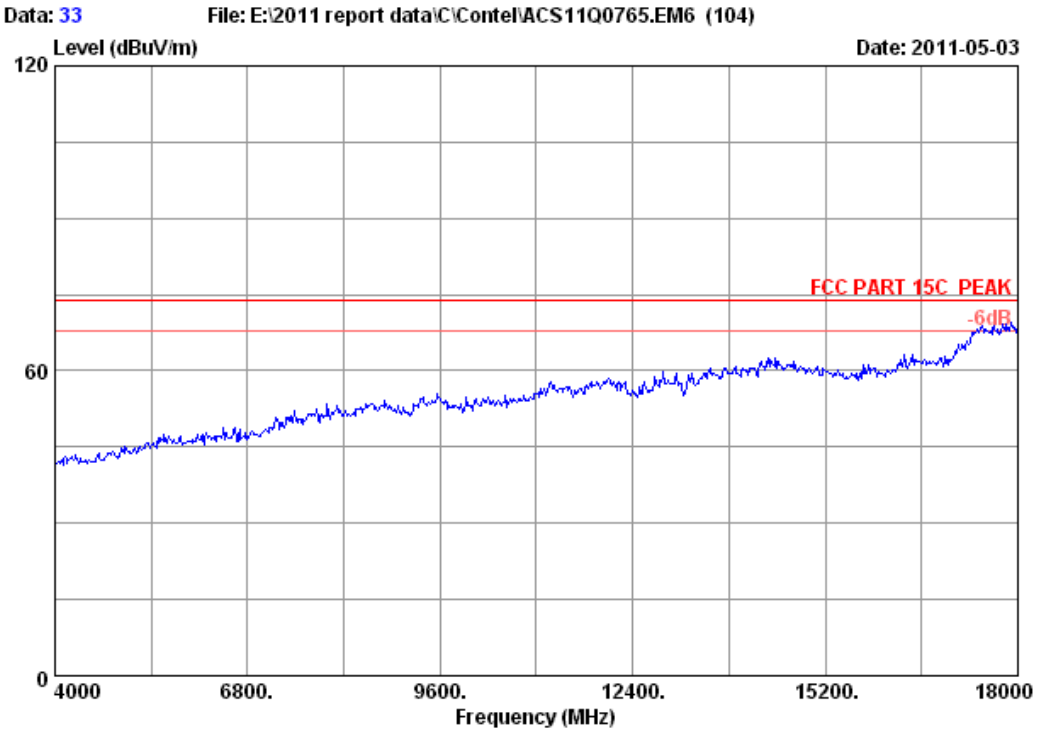
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



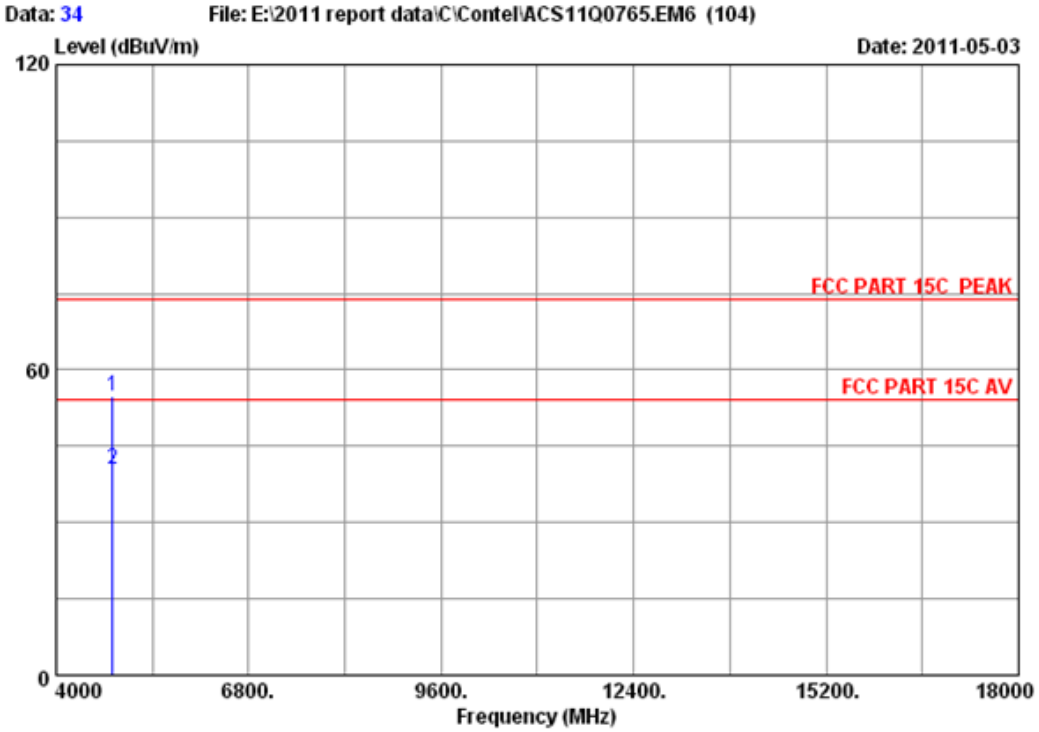
Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : WN7122G-CN

	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	2412.000	29.45	7.43	36.62	105.30	105.56	74.00	-31.56	Peak

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



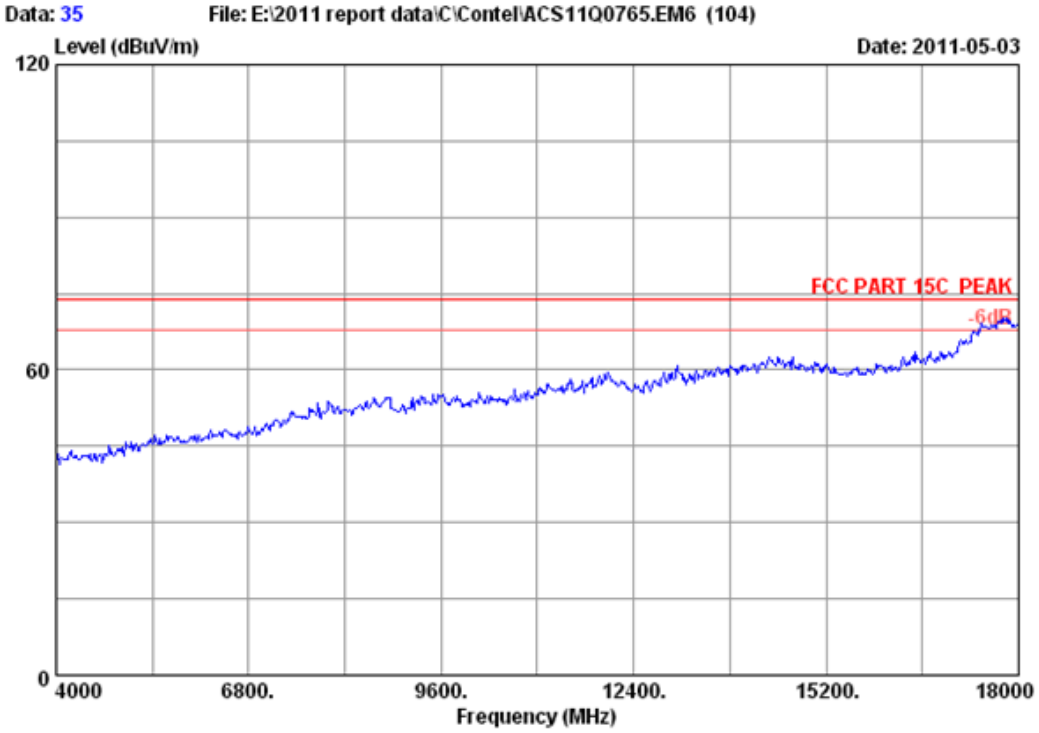
Site no.	: 3m Chamber	Data no.	: 33
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Leo-Li
EUT	: RF Module		
Power	: DC 5V From DVD Player input AC 120V/60Hz		
Test mode	: IEEE802.11g CH1 2412MHz Tx		
M/N	: WN7122G-CN		



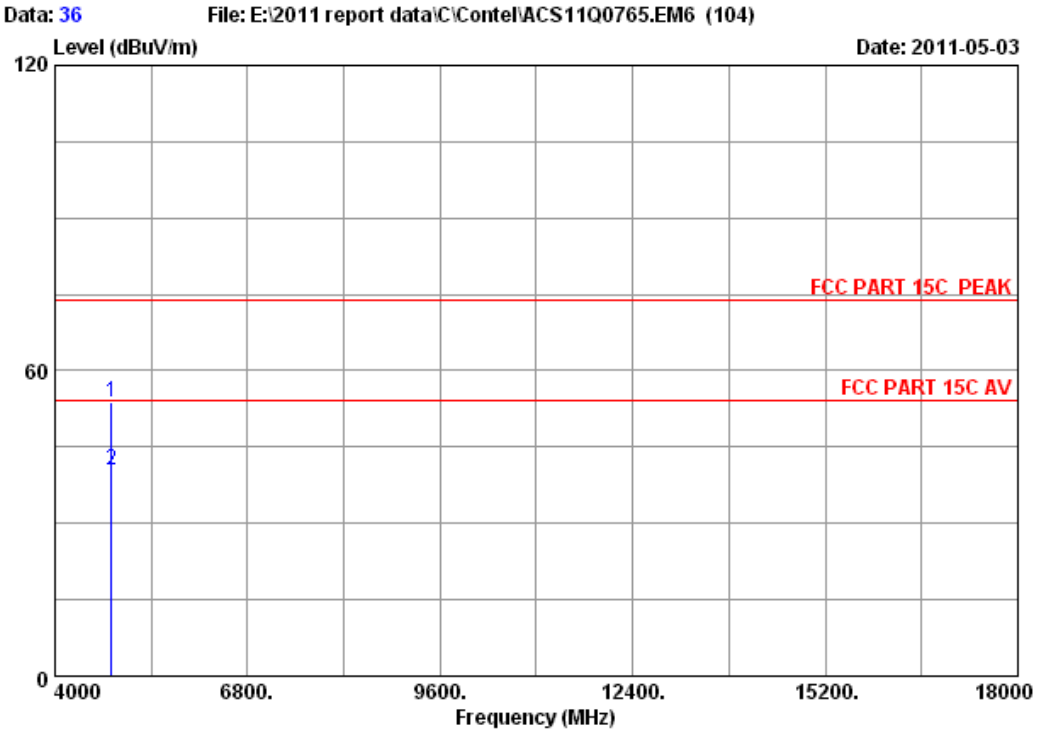
Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	44.77	54.65	74.00	19.35	Peak
2	4824.000	34.32	10.64	35.08	30.60	40.48	54.00	13.52	Average

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



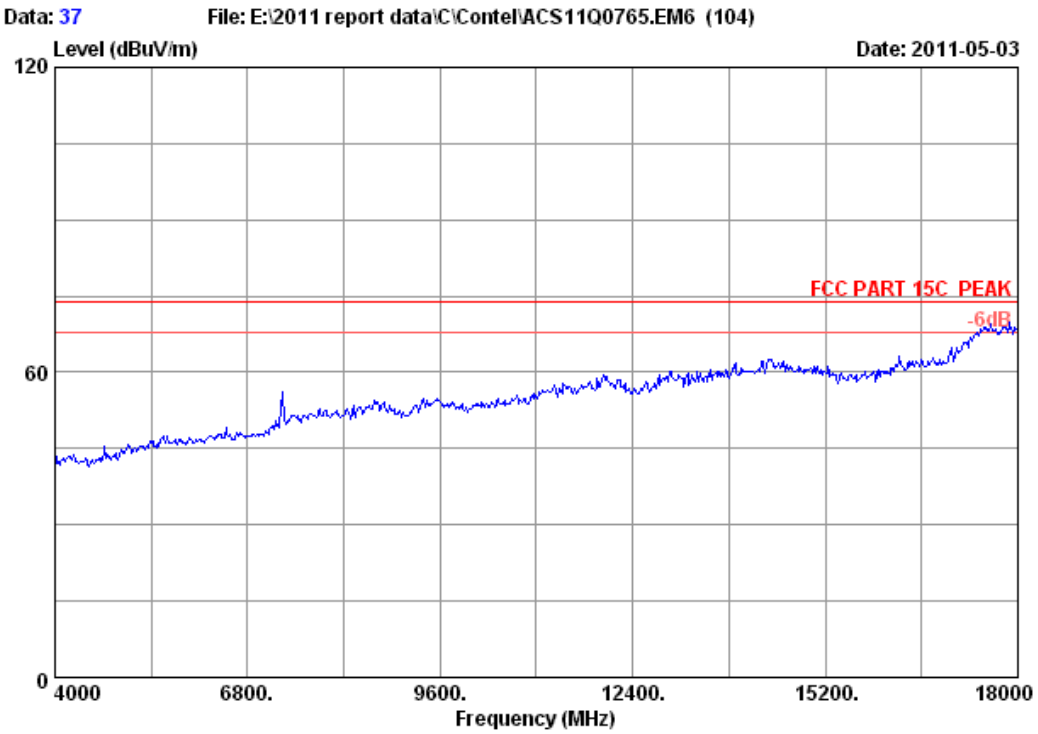
Site no.	: 3m Chamber	Data no.	: 35
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Leo-Li
EUT	: RF Module		
Power	: DC 5V From DVD Player input AC 120V/60Hz		
Test mode	: IEEE802.11g CH1 2412MHz Tx		
M/N	: WN7122G-CN		



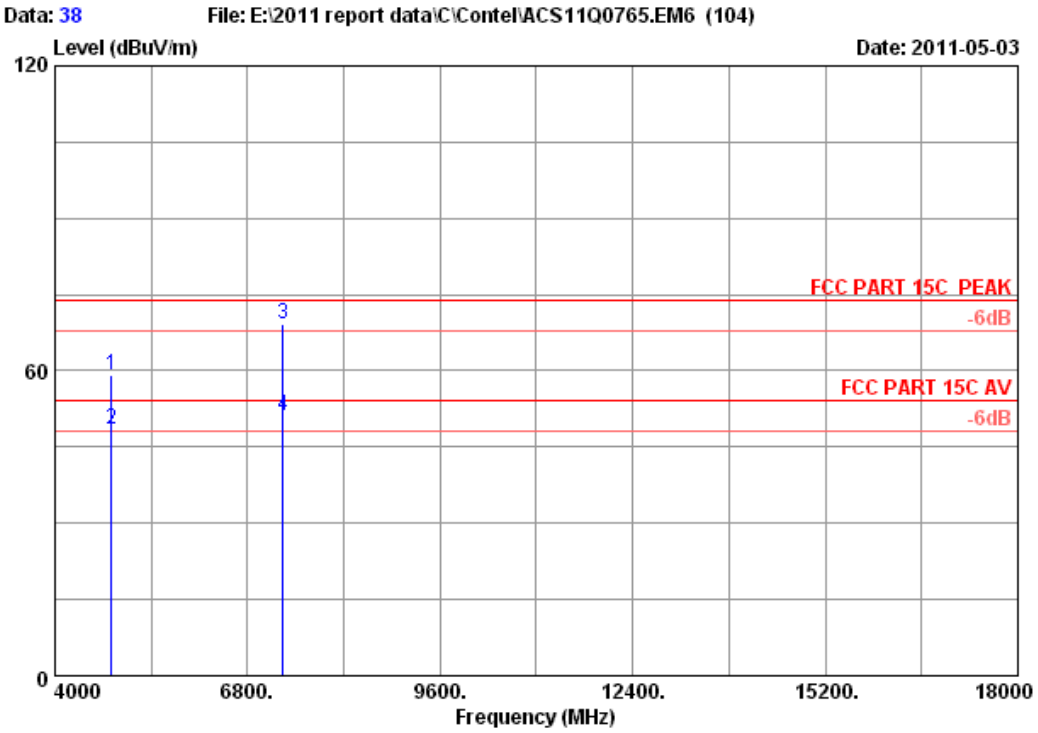
Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	44.09	53.97	74.00	20.03	Peak
2	4824.000	34.32	10.64	35.08	30.57	40.45	54.00	13.55	Average

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



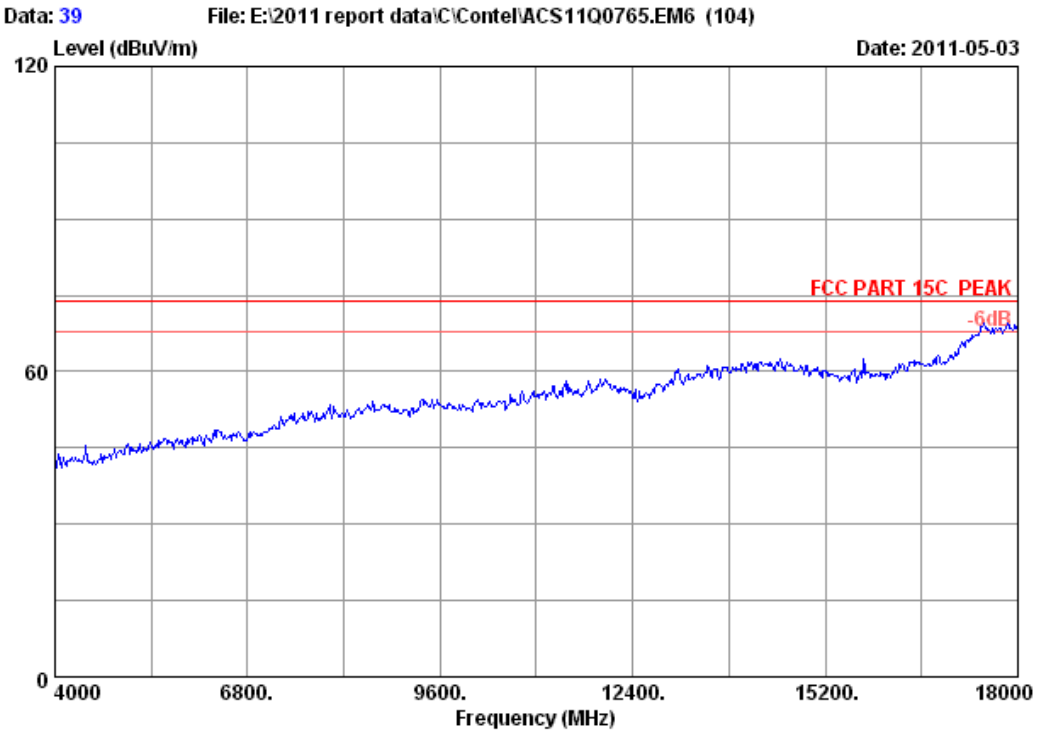

```
Site no.      : 3m Chamber                Data no. :  37
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11g  CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



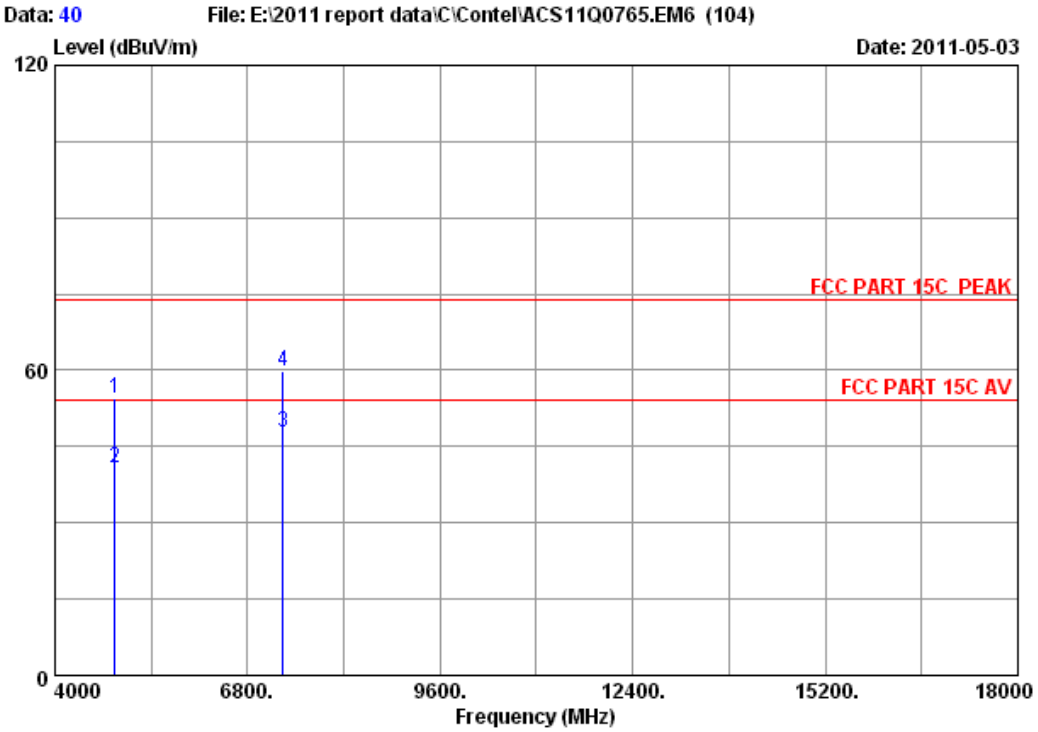
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	49.43	59.31	74.00	14.69	Peak
2	4824.000	34.32	10.64	35.08	38.53	48.41	54.00	5.59	Average
3	7311.000	37.28	13.40	33.94	52.46	69.20	74.00	4.80	Peak
4	7311.000	37.28	13.40	33.94	34.26	51.00	54.00	3.00	Average

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



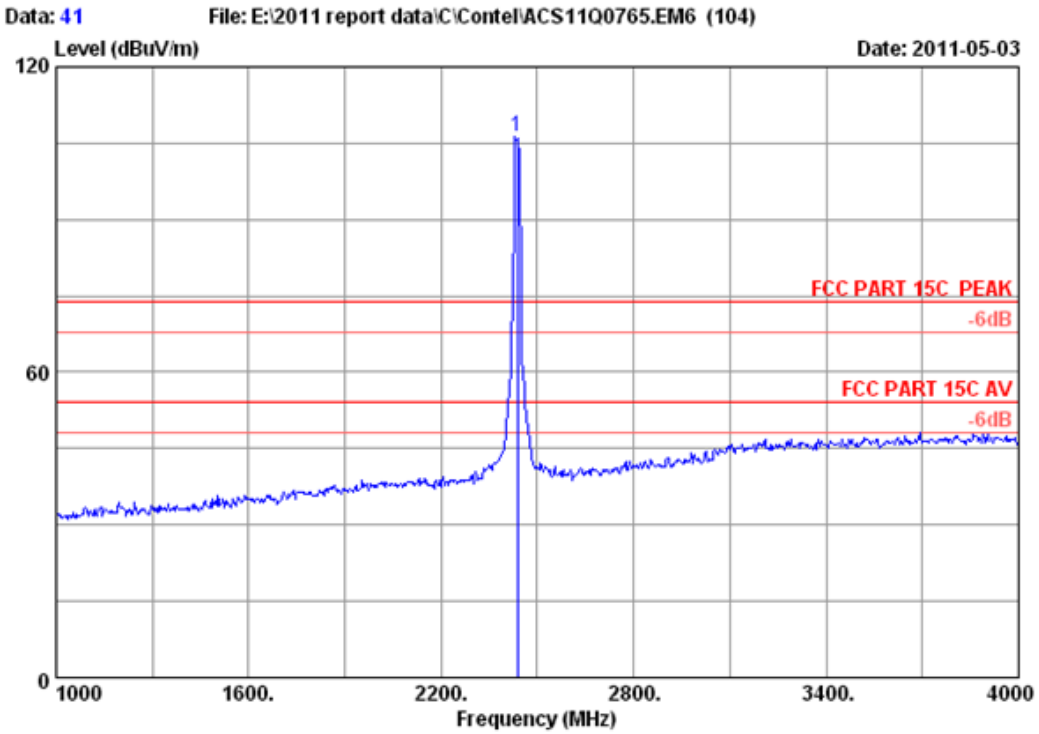

```
Site no.      : 3m Chamber                Data no. :  39
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11g  CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4874.000	34.41	10.69	35.03	44.26	54.33	74.00	19.67	Peak
2	4874.000	34.41	10.69	35.03	30.69	40.76	54.00	13.24	Average
3	7311.000	37.28	13.40	33.94	31.07	47.81	54.00	6.19	Average
4	7311.000	37.28	13.40	33.94	43.12	59.86	74.00	14.14	Peak

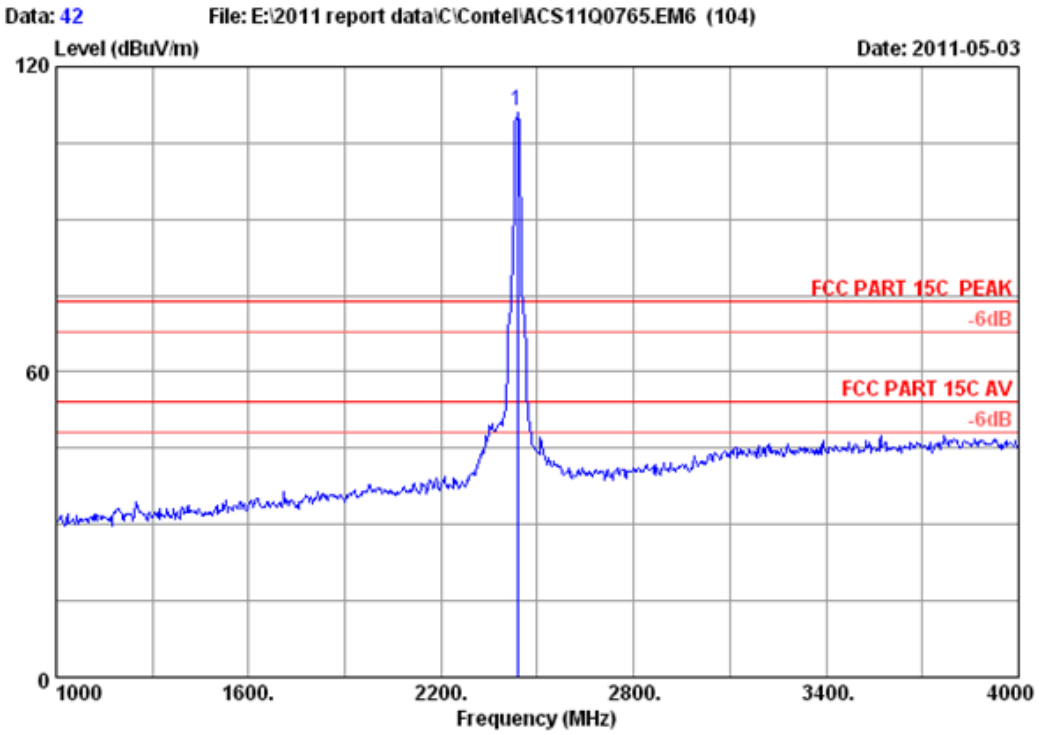
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 41
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	105.92	106.24	74.00	-32.24	Peak

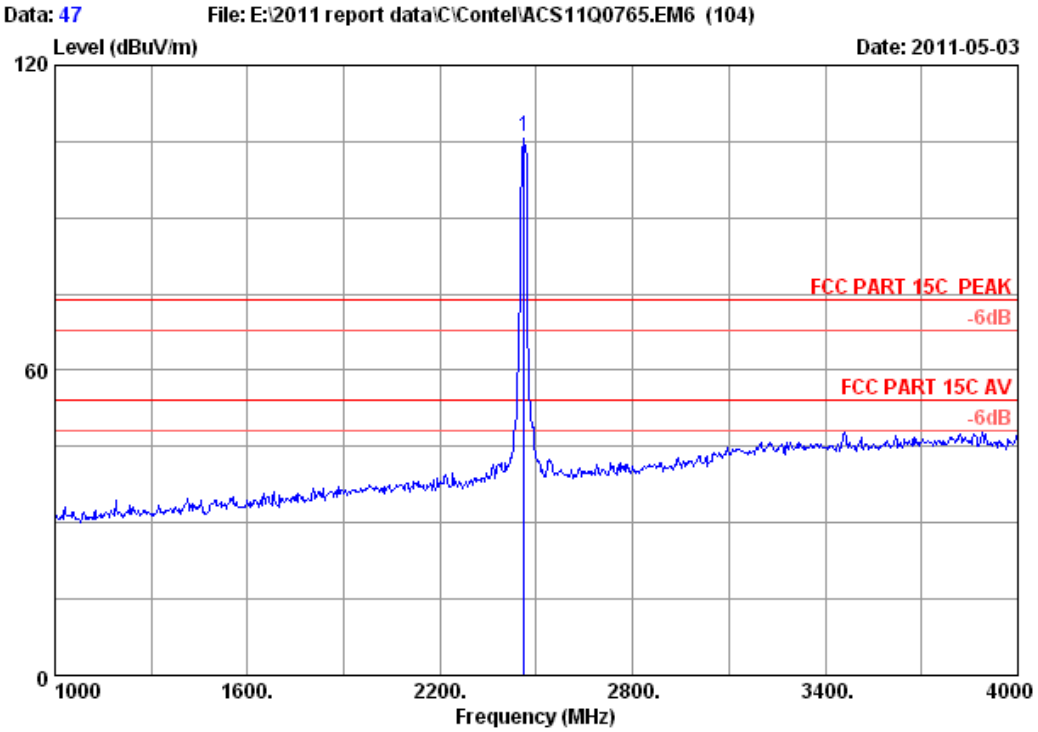
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	110.87	111.19	74.00	-37.19	Peak

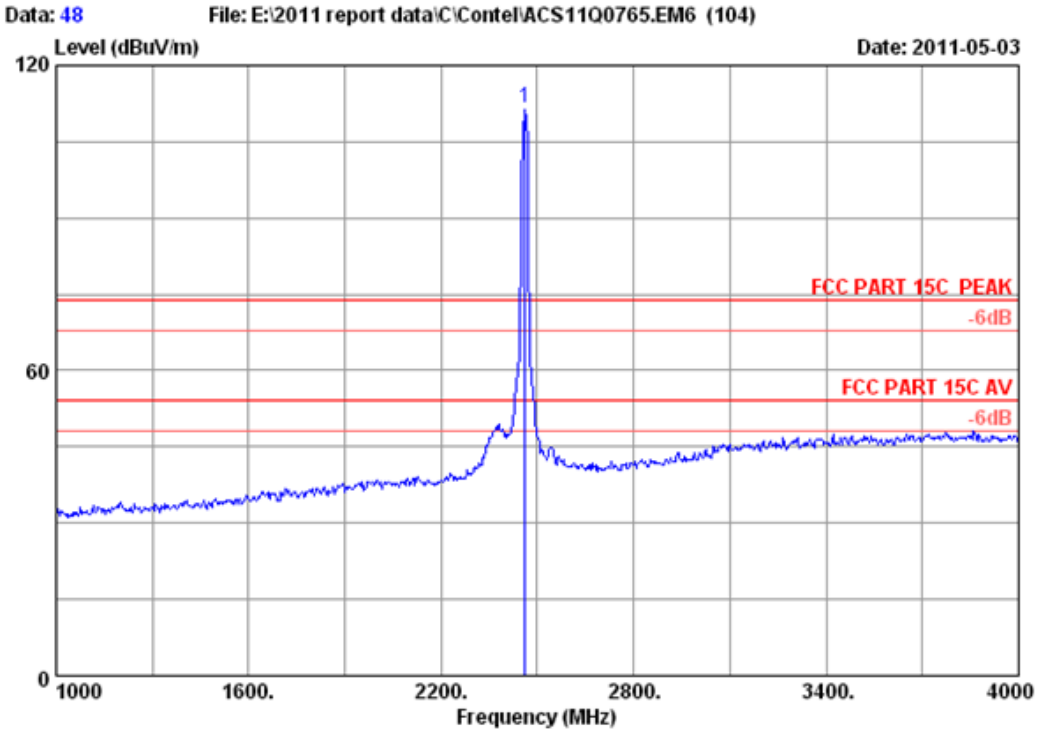
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : WN7122G-CN

	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	2462.000	29.48	7.54	36.61	105.61	106.02	74.00	-32.02	Peak

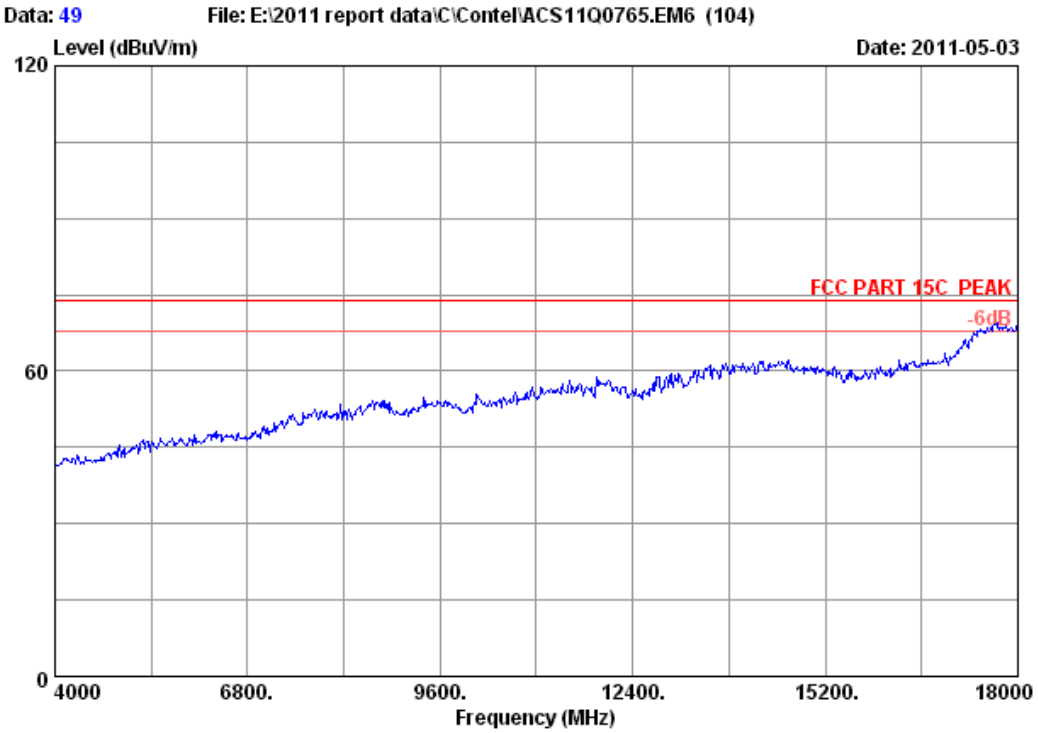
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



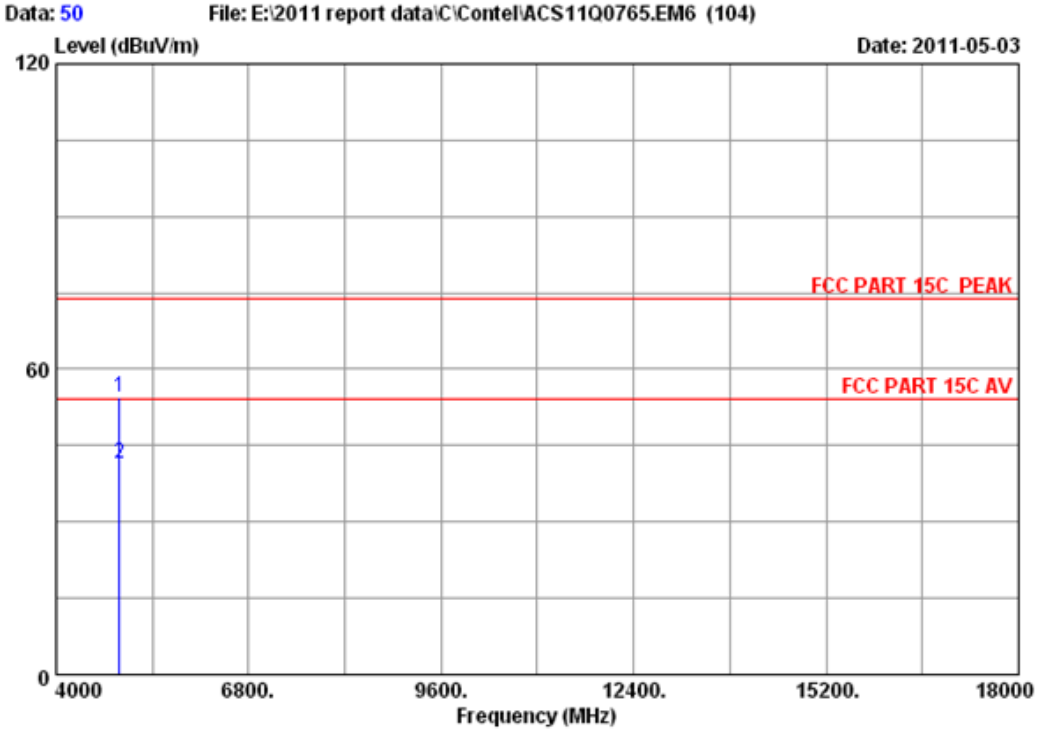
Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : WN7122G-CN

	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	2462.000	29.48	7.54	36.61	111.23	111.64	74.00	-37.64	Peak

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



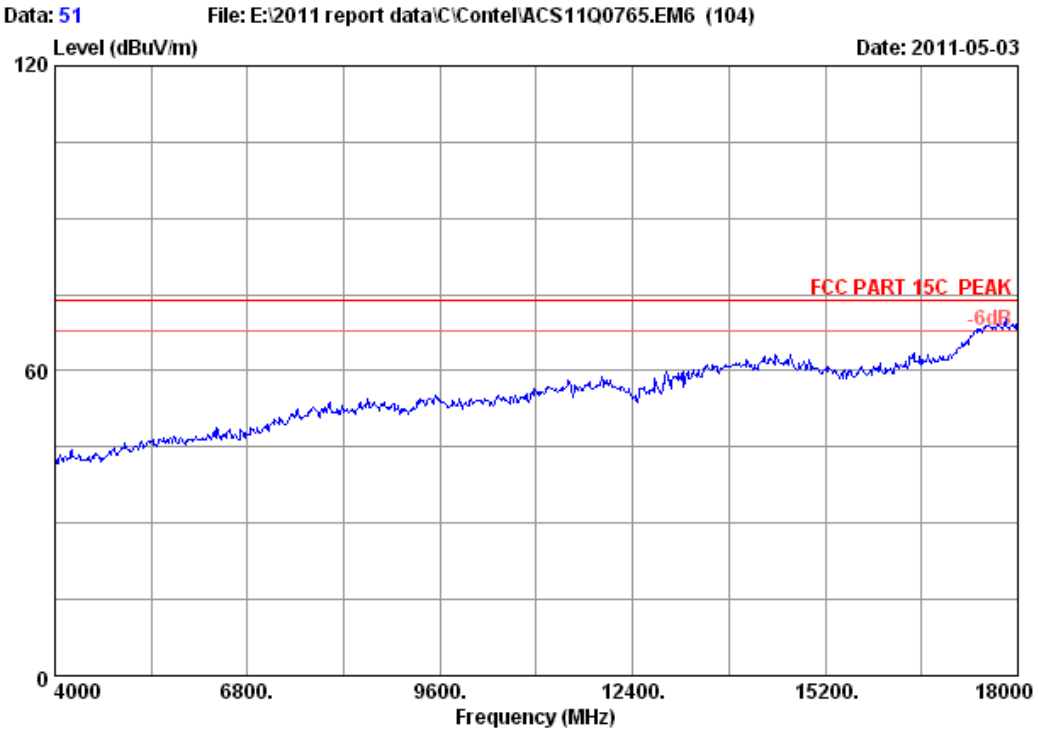

```
Site no.      : 3m Chamber                Data no. :  49
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11g  CH11 2462MHz  Tx
M/N           : WN7122G-CN
```



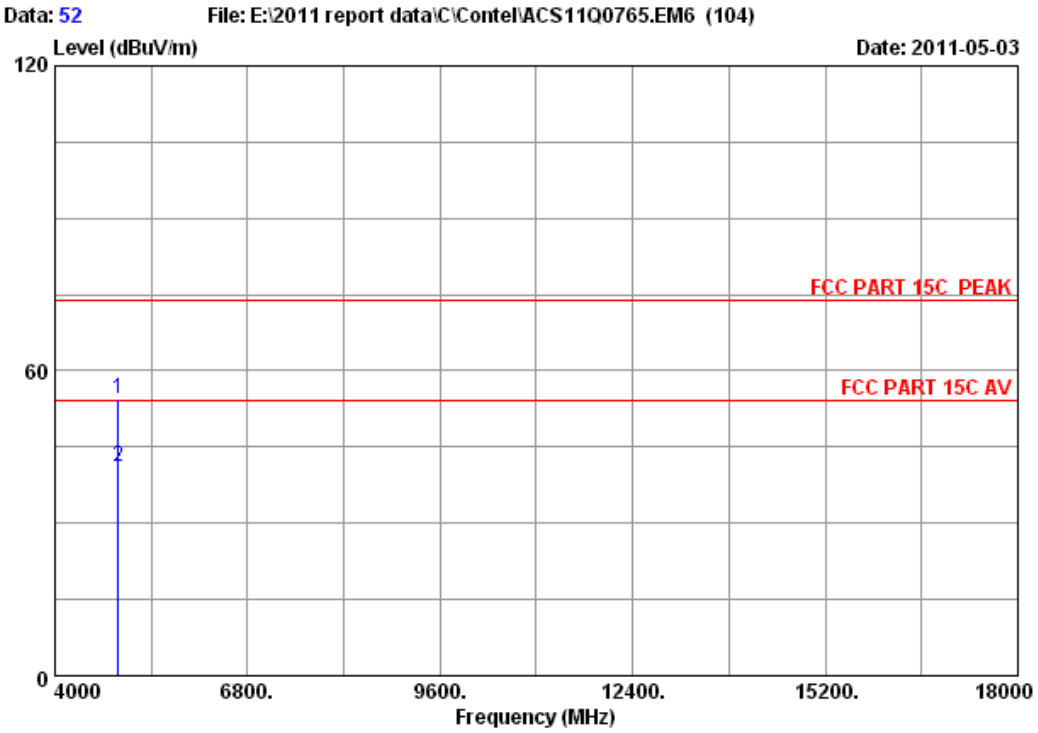
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : WN7122G-CN

	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	4924.000	34.49	10.76	34.98	44.12	54.39	74.00	19.61	Peak
2	4924.000	34.49	10.76	34.98	31.12	41.39	54.00	12.61	Average

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



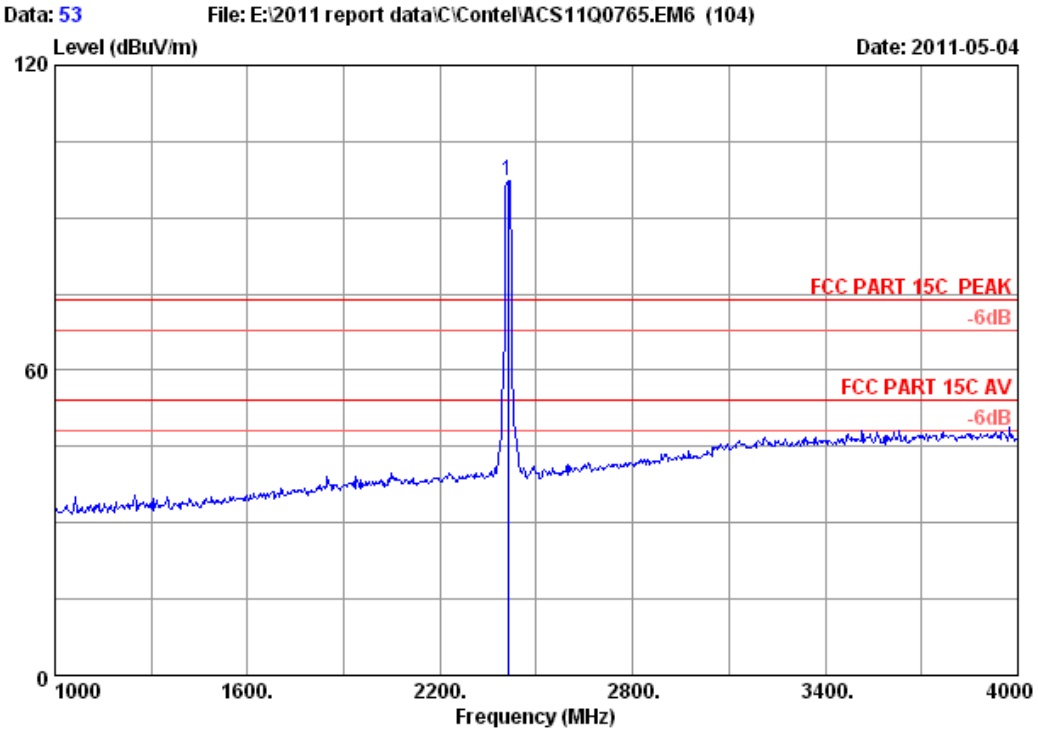
Site no.	: 3m Chamber	Data no.	: 51
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Leo-Li
EUT	: RF Module		
Power	: DC 5V From DVD Player input AC 120V/60Hz		
Test mode	: IEEE802.11g CH11 2462MHz Tx		
M/N	: WN7122G-CN		



Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : WN7122G-CN

	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	4924.000	34.49	10.76	34.98	44.05	54.32	74.00	19.68	Peak
2	4924.000	34.49	10.76	34.98	30.78	41.05	54.00	12.95	Average

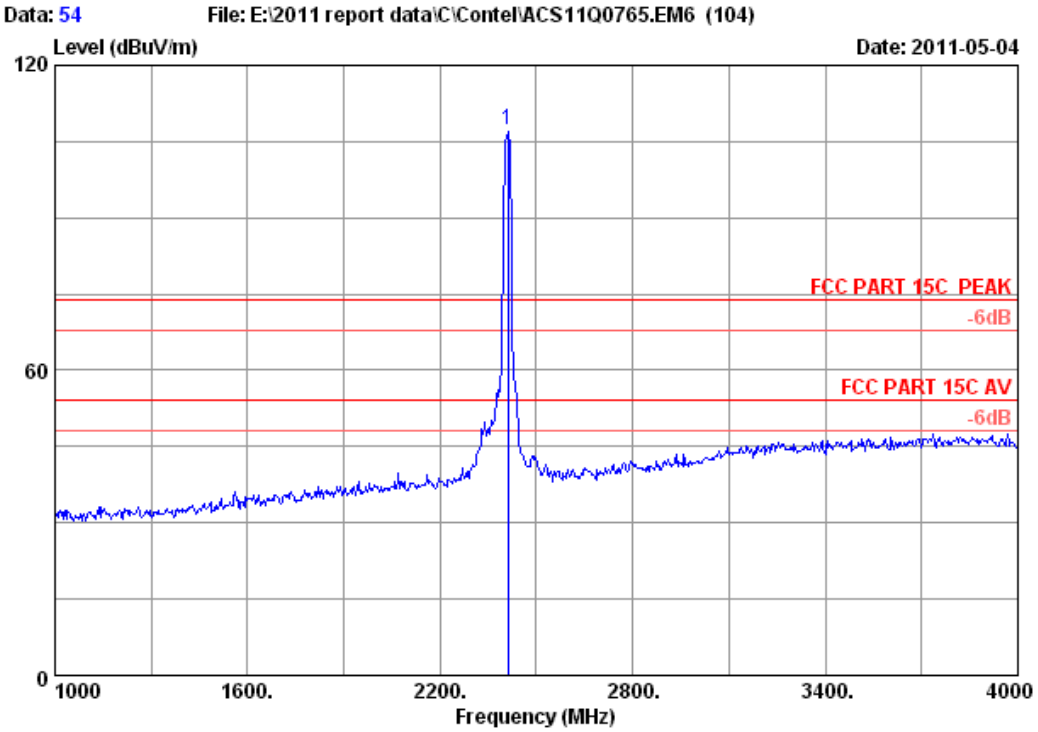
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 53
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx
M/N : WN7122G-CN

	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	2412.000	29.45	7.43	36.62	97.00	97.26	74.00	-23.26	Peak

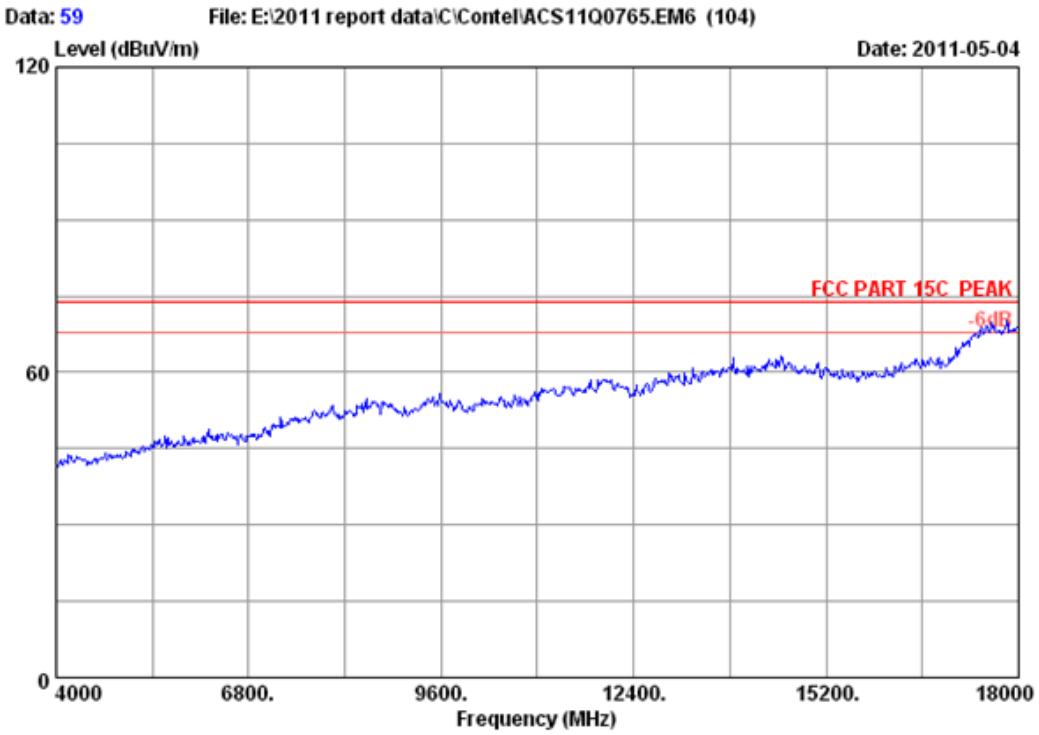
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



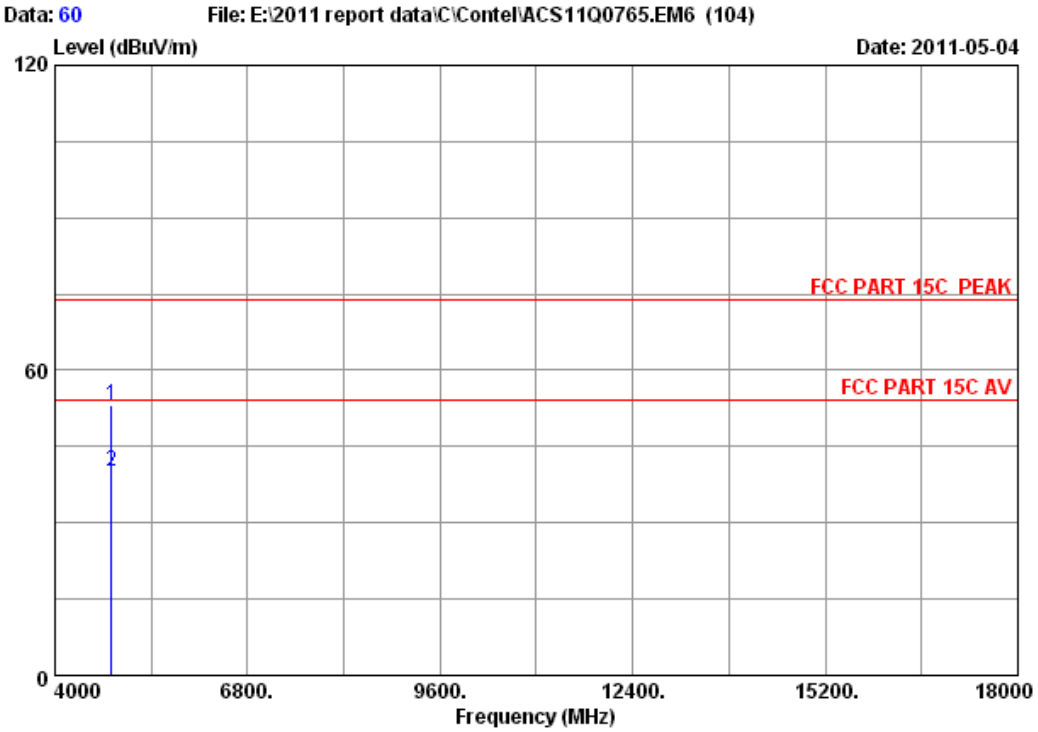
Site no. : 3m Chamber Data no. : 54
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx
M/N : WN7122G-CN

	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	2412.000	29.45	7.43	36.62	106.88	107.14	74.00	-33.14	Peak

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



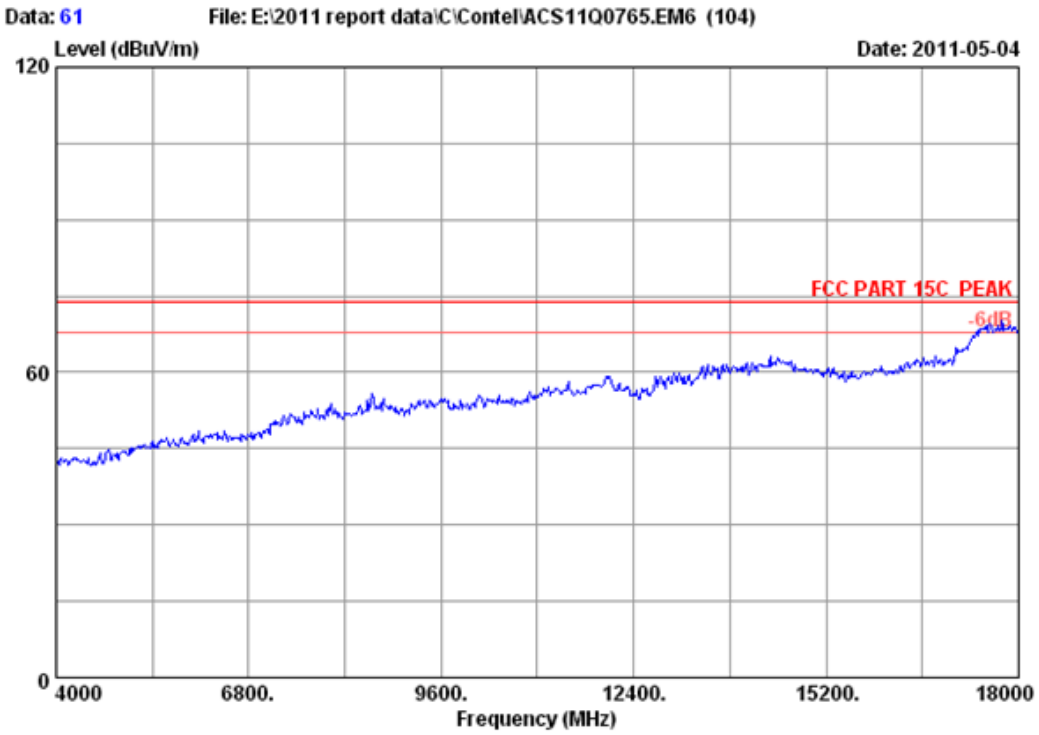

```
Site no.      : 3m Chamber                Data no. :  59
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT20 CH1 2412MHz  Tx
M/N           : WN7122G-CN
```



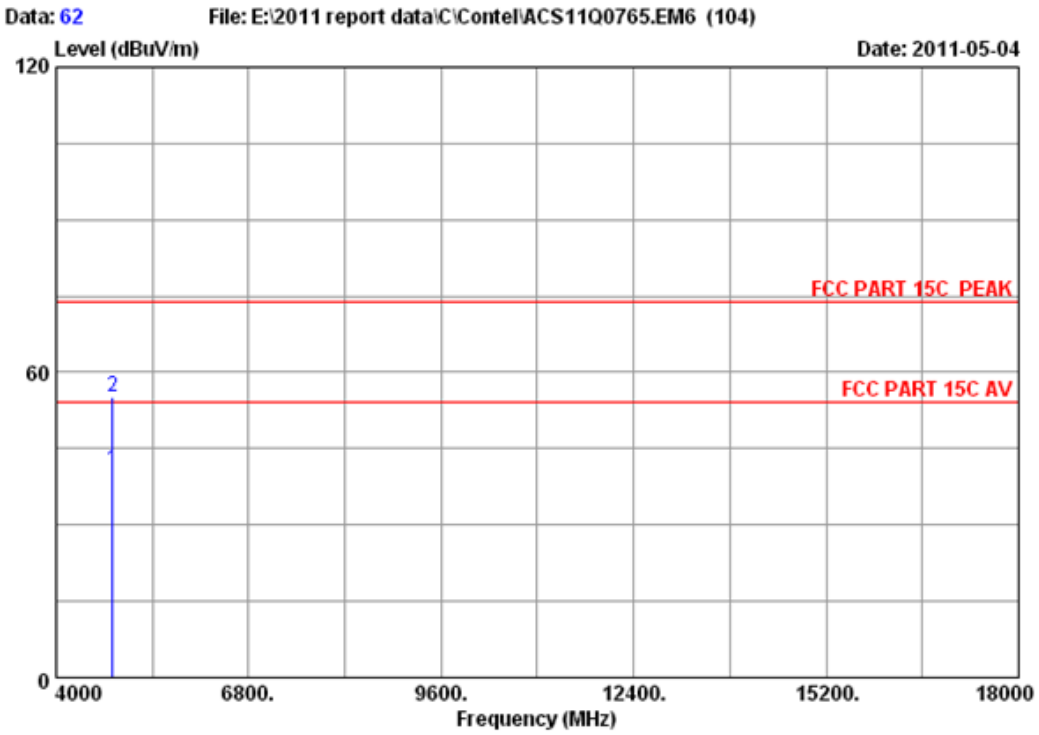
Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	43.17	53.05	74.00	20.95	Peak
2	4824.000	34.32	10.64	35.08	30.26	40.14	54.00	13.86	Average

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



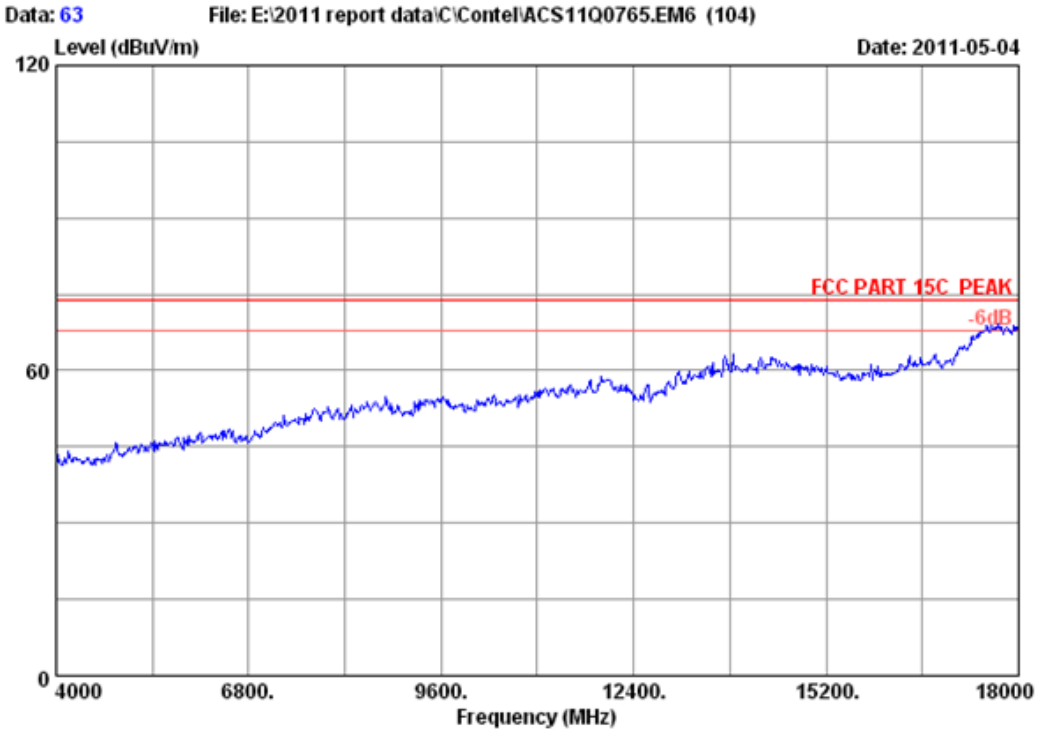

```
Site no.      : 3m Chamber                Data no. :  61
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT20 CH1 2412MHz  Tx
M/N           : WN7122G-CN
```



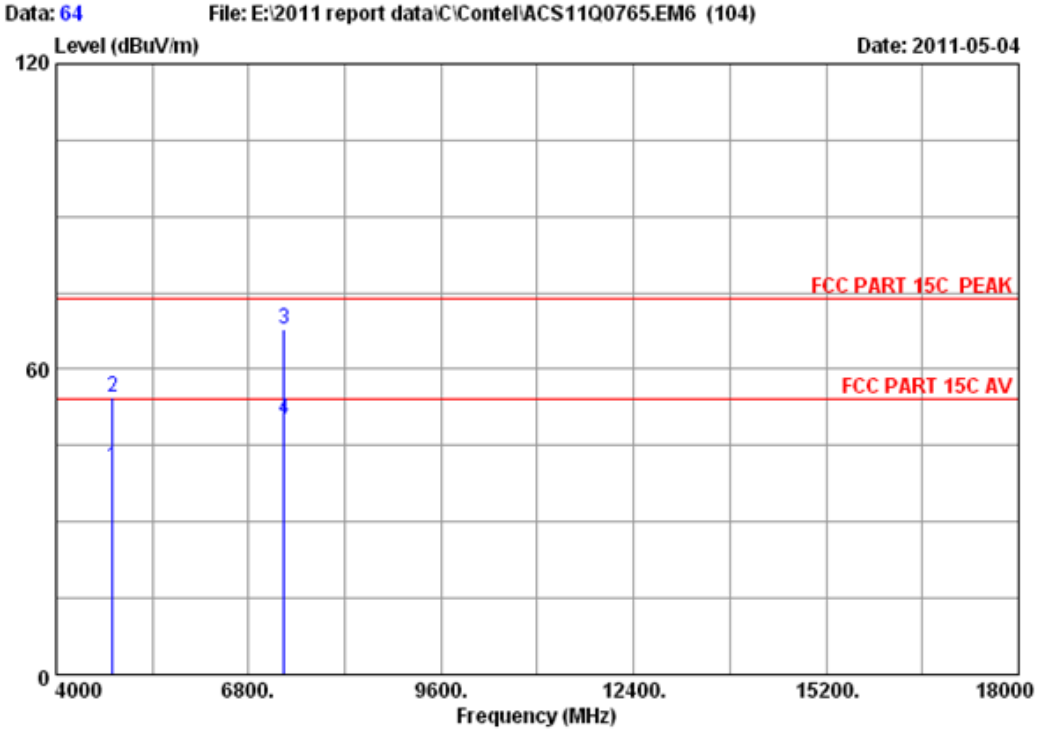
Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH1 2412MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	30.87	40.75	54.00	13.25	Average
2	4824.000	34.32	10.64	35.08	45.32	55.20	74.00	18.80	Peak

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



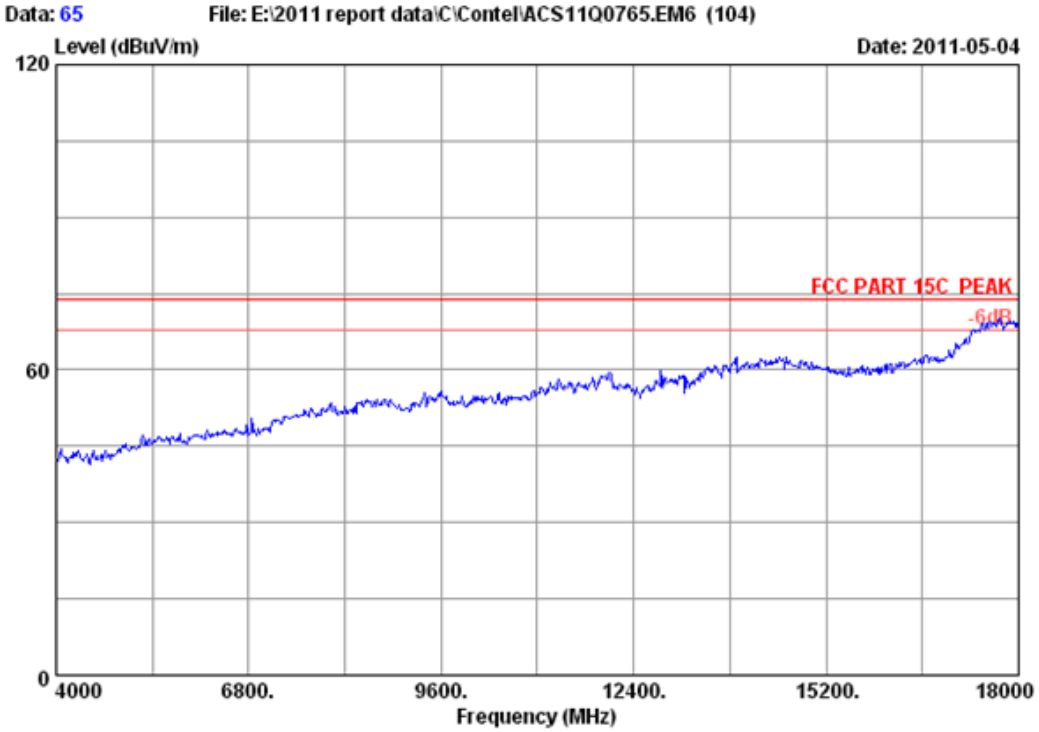

```
Site no.      : 3m Chamber                Data no. :  63
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT20 CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



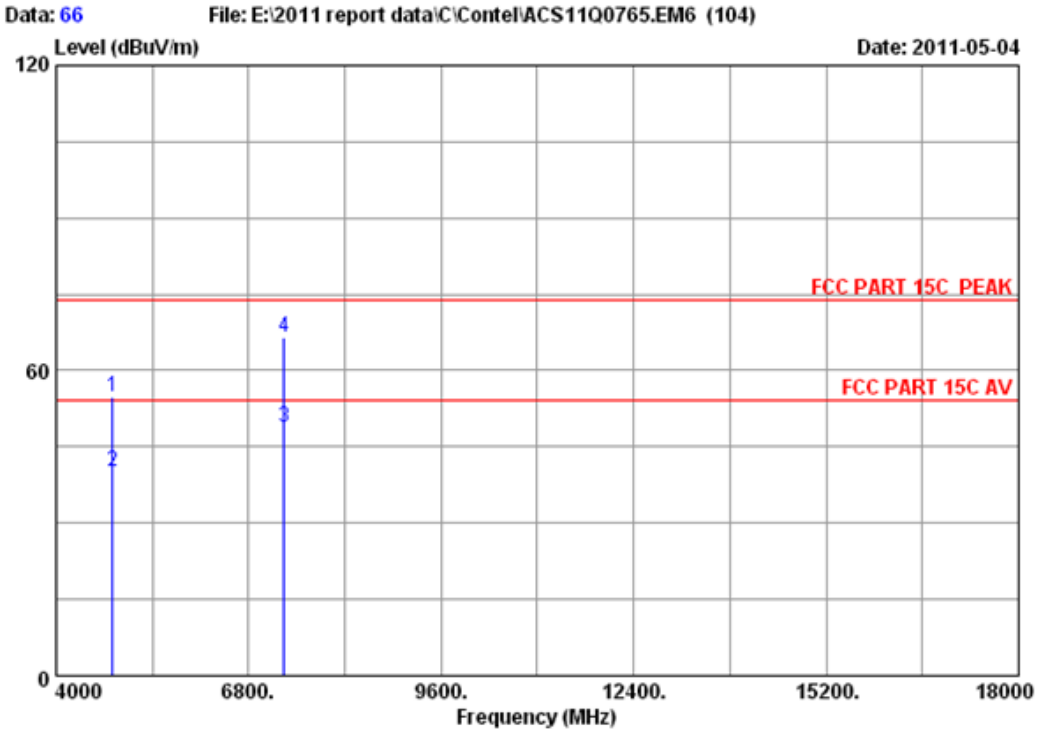
Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	30.94	40.82	54.00	13.18	Average
2	4824.000	34.32	10.64	35.08	44.54	54.42	74.00	19.58	Peak
3	7311.000	37.28	13.40	33.94	51.11	67.85	74.00	6.15	Peak
4	7311.000	37.28	13.40	33.94	33.49	50.23	54.00	3.77	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.



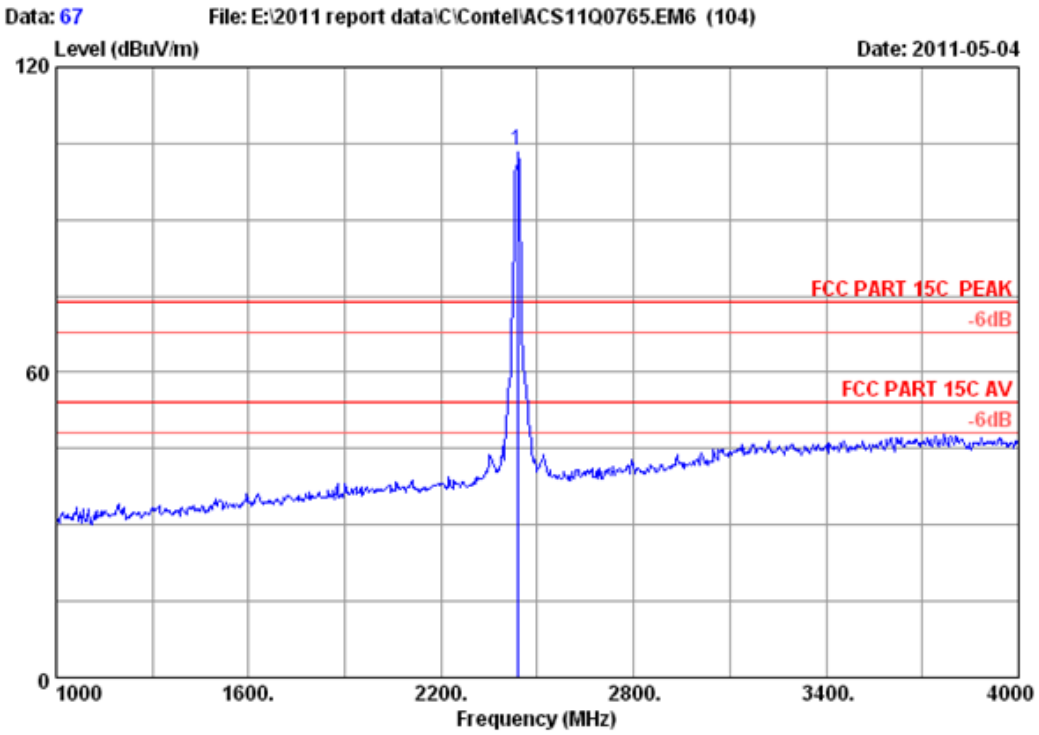
Site no.	: 3m Chamber	Data no.	: 65
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Leo-Li
EUT	: RF Module		
Power	: DC 5V From DVD Player input AC 120V/60Hz		
Test mode	: IEEE802.11n HT20 CH6 2437MHz Tx		
M/N	: WN7122G-CN		



Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	44.90	54.78	74.00	19.22	Peak
2	4824.000	34.32	10.64	35.08	30.23	40.11	54.00	13.89	Average
3	7311.000	37.28	13.40	33.94	31.94	48.68	54.00	5.32	Average
4	7311.000	37.28	13.40	33.94	49.87	66.61	74.00	7.39	Peak

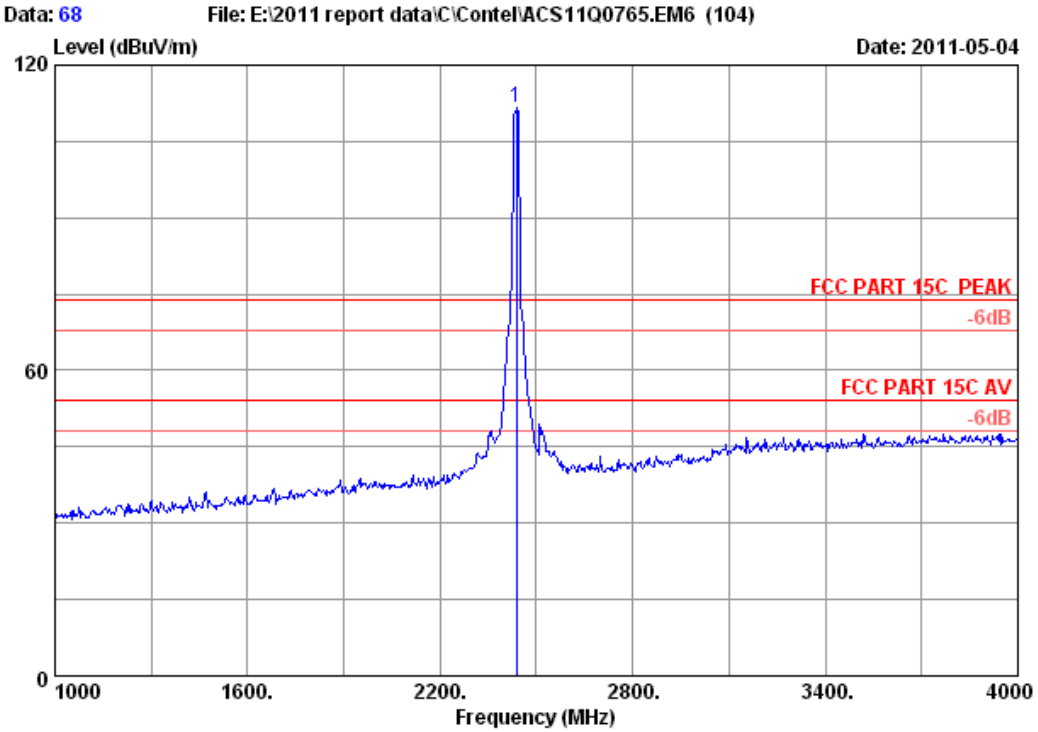
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 67
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	103.44	103.76	74.00	-29.76	Peak

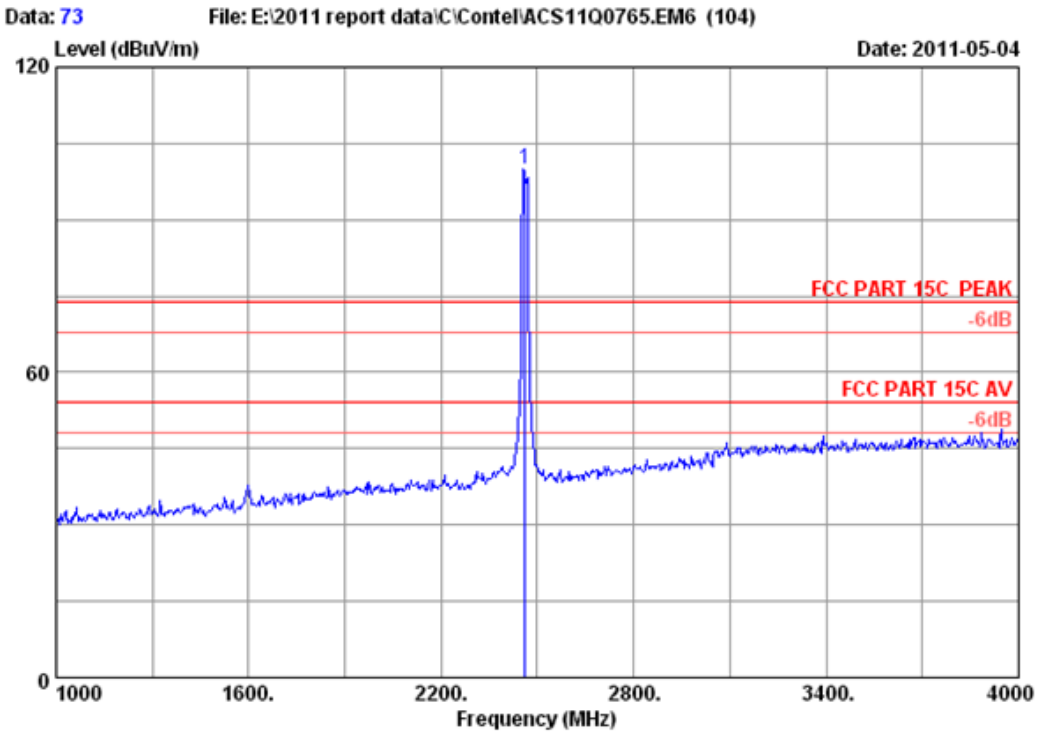
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	111.46	111.78	74.00	-37.78	Peak

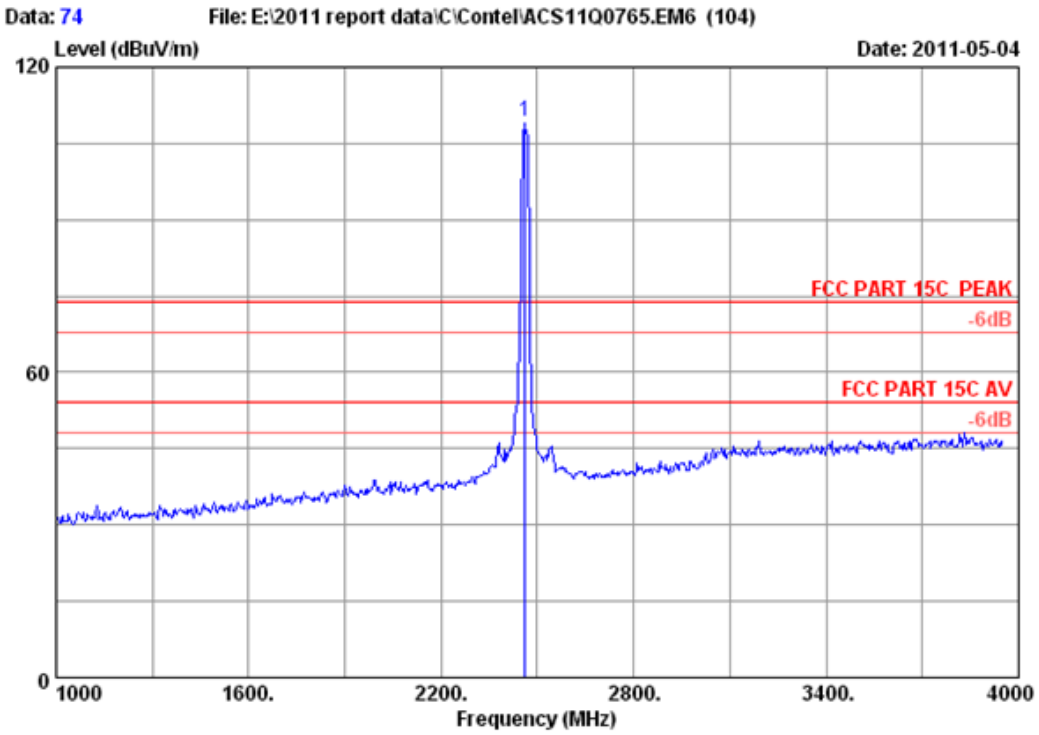
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 73
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx
M/N : WN7122G-CN

	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	2462.000	29.48	7.54	36.61	99.37	99.78	74.00	-25.78	Peak

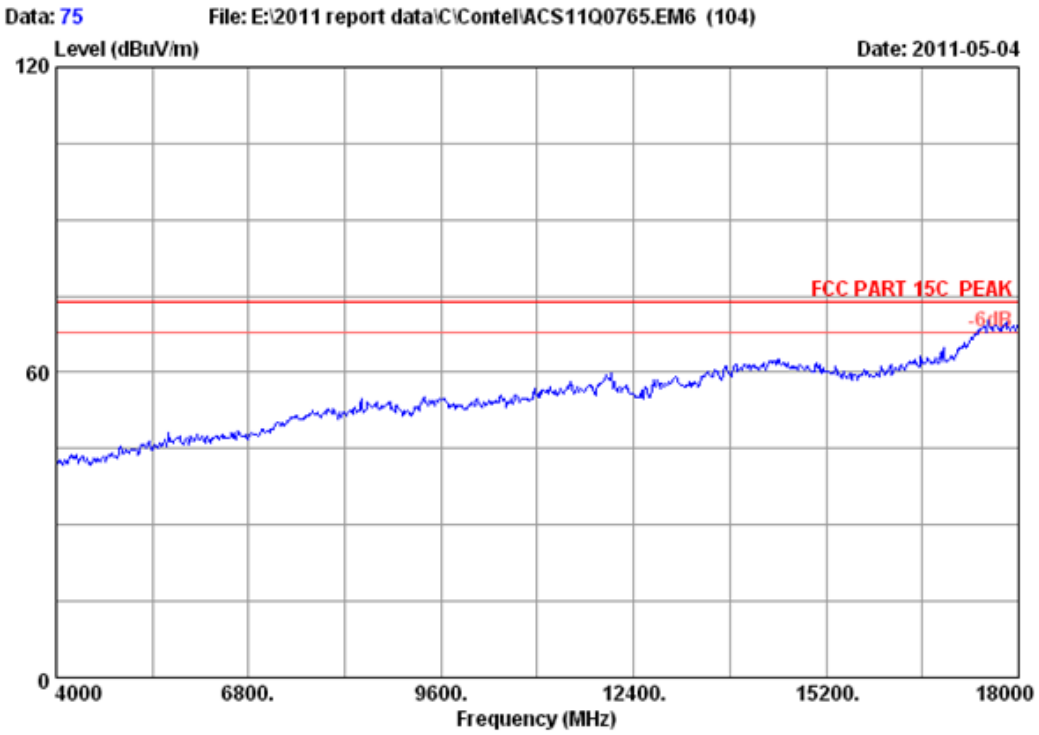
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



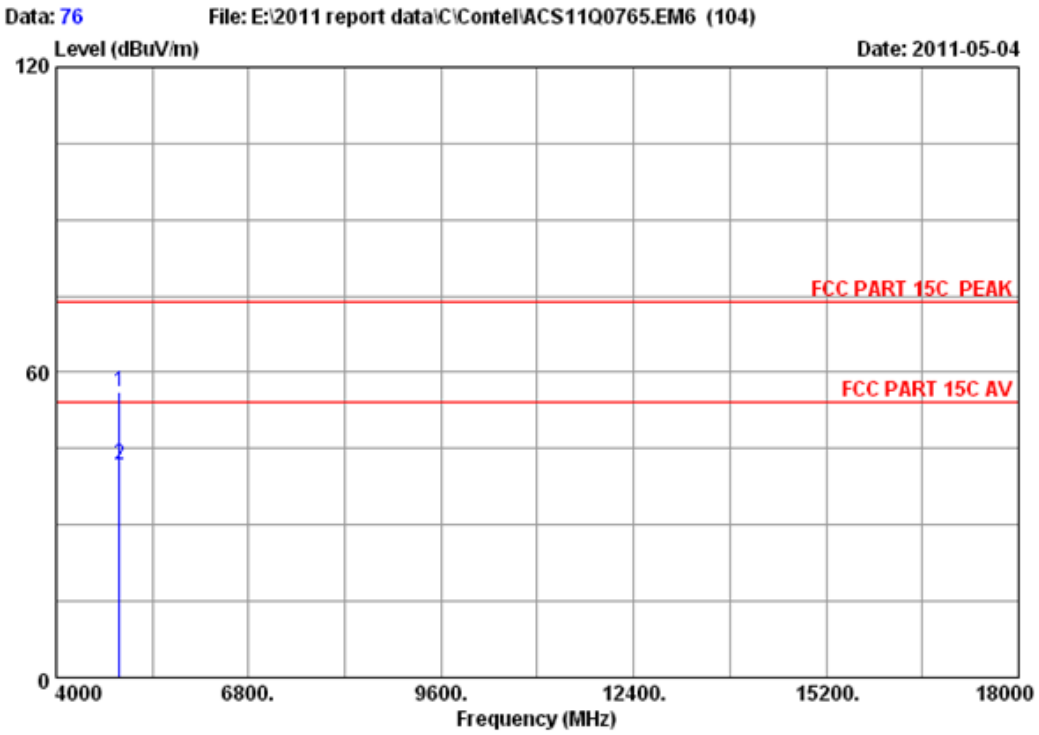
Site no. : 3m Chamber Data no. : 74
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx
M/N : WN7122G-CN

	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	2462.000	29.48	7.54	36.61	108.73	109.14	74.00	-35.14	Peak

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



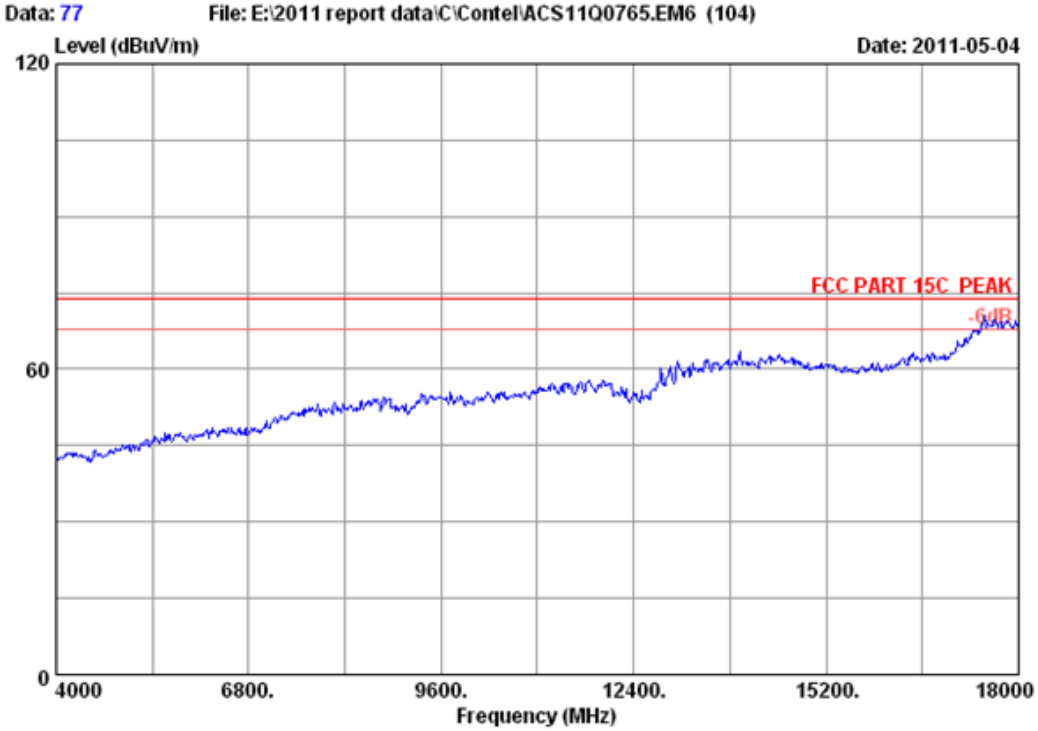

```
Site no.      : 3m Chamber                Data no. :  75
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT20 CH11 2462MHz  Tx
M/N           : WN7122G-CN
```



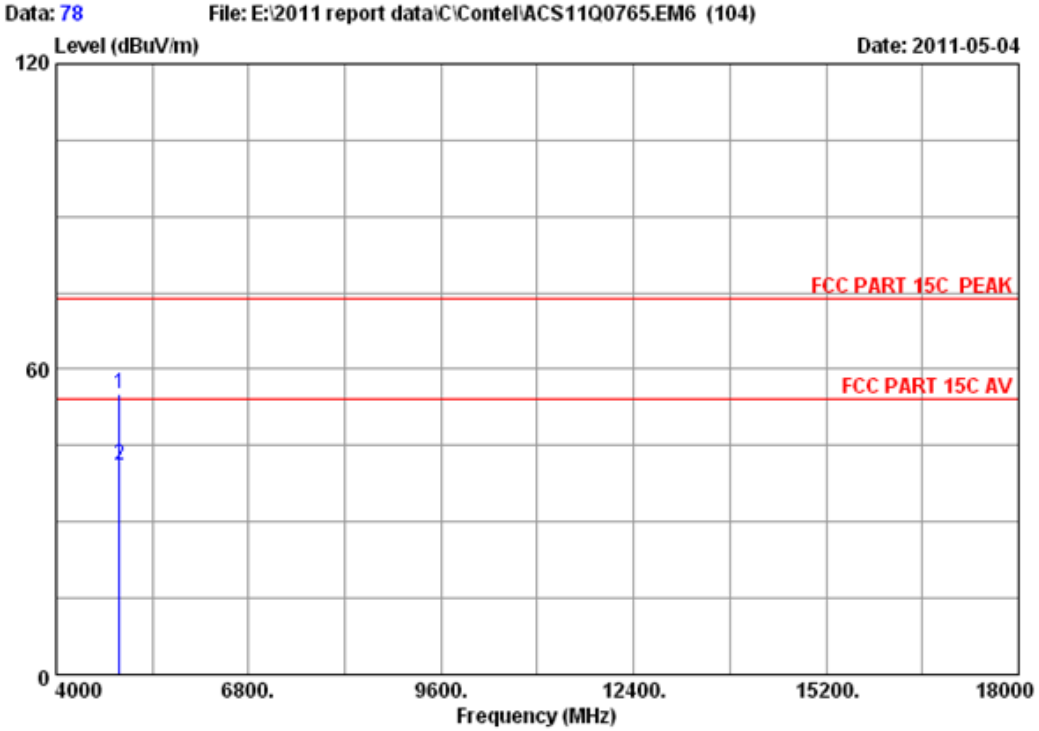
Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx
M/N : WN7122G-CN

	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	4924.000	34.49	10.76	34.98	45.96	56.23	74.00	17.77	Peak
2	4924.000	34.49	10.76	34.98	31.65	41.92	54.00	12.08	Average

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



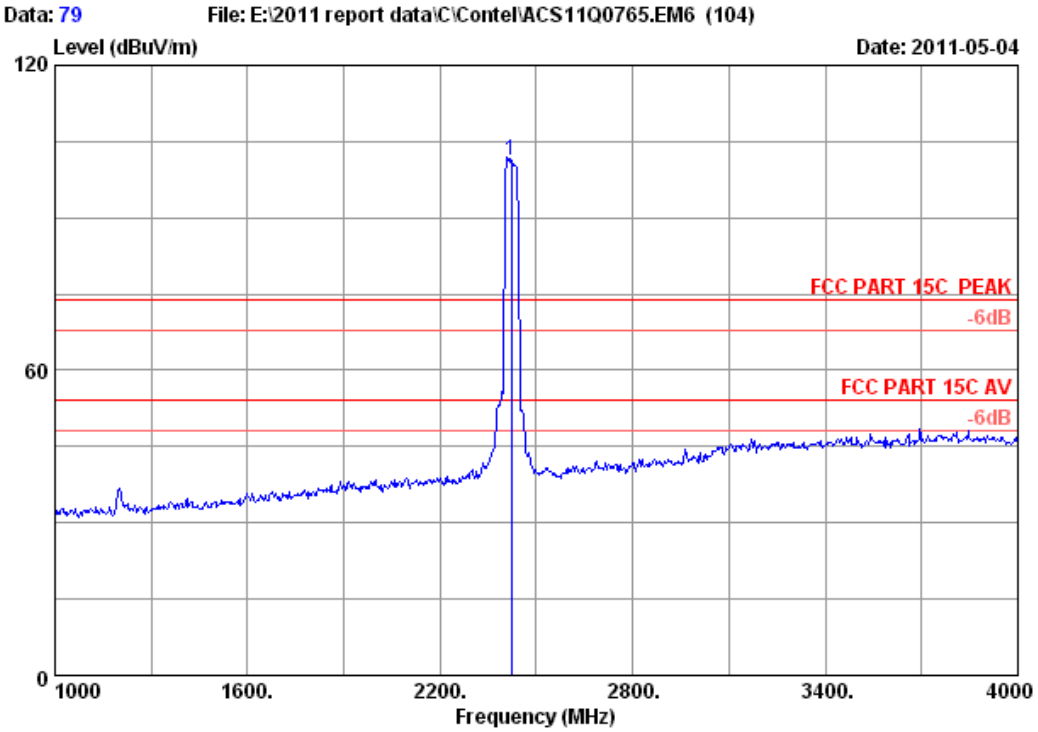

```
Site no.      : 3m Chamber              Data no. :  77
Dis. / Ant.   : 3m   3115(0911)         Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT20 CH11 2462MHz  Tx
M/N           : WN7122G-CN
```



Site no. : 3m Chamber Data no. : 78
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx
M/N : WN7122G-CN

	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	4924.000	34.49	10.76	34.98	44.83	55.10	74.00	18.90	Peak
2	4924.000	34.49	10.76	34.98	30.79	41.06	54.00	12.94	Average

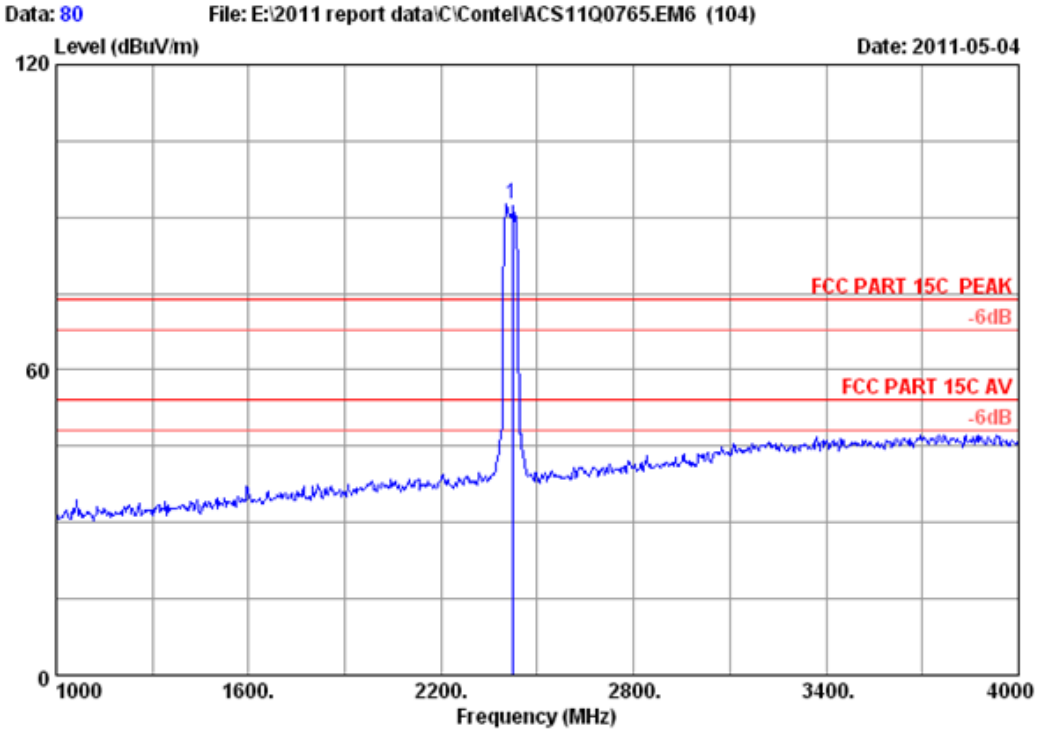
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 79
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH3 2422MHz Tx
M/N : WN7122G-CN

	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	2422.000	29.46	7.46	36.61	101.08	101.39	74.00	-27.39	Peak

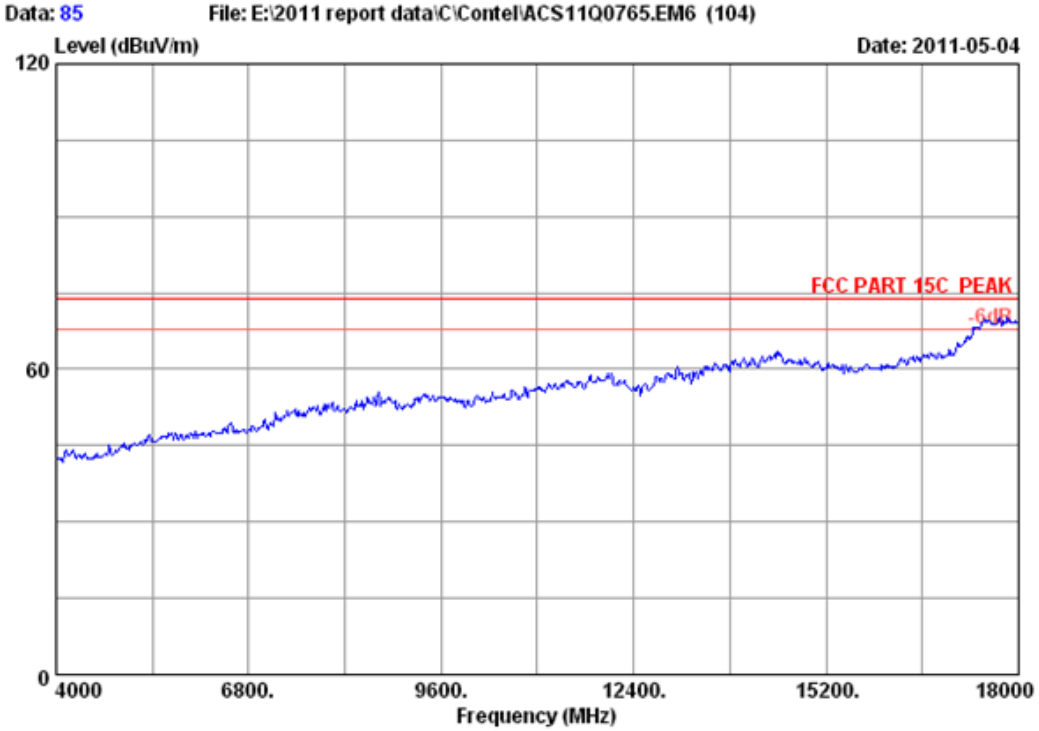
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



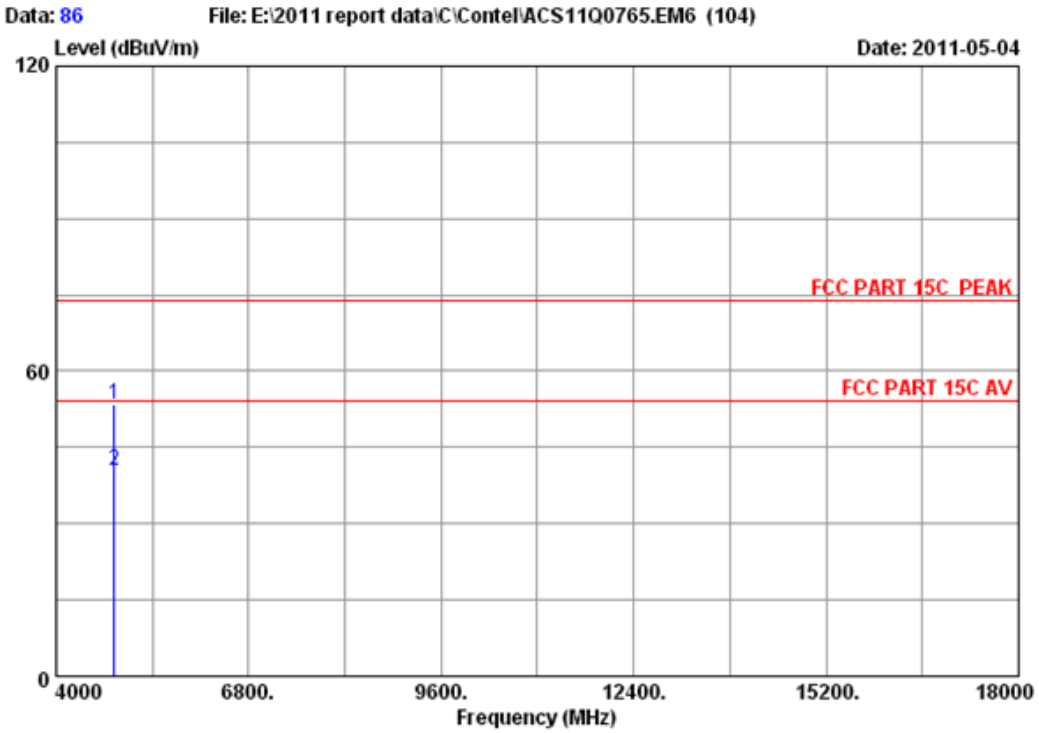
Site no. : 3m Chamber Data no. : 80
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH3 2422MHz Tx
M/N : WN7122G-CN

	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	2422.000	29.46	7.46	36.61	92.41	92.72	74.00	-18.72	Peak

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



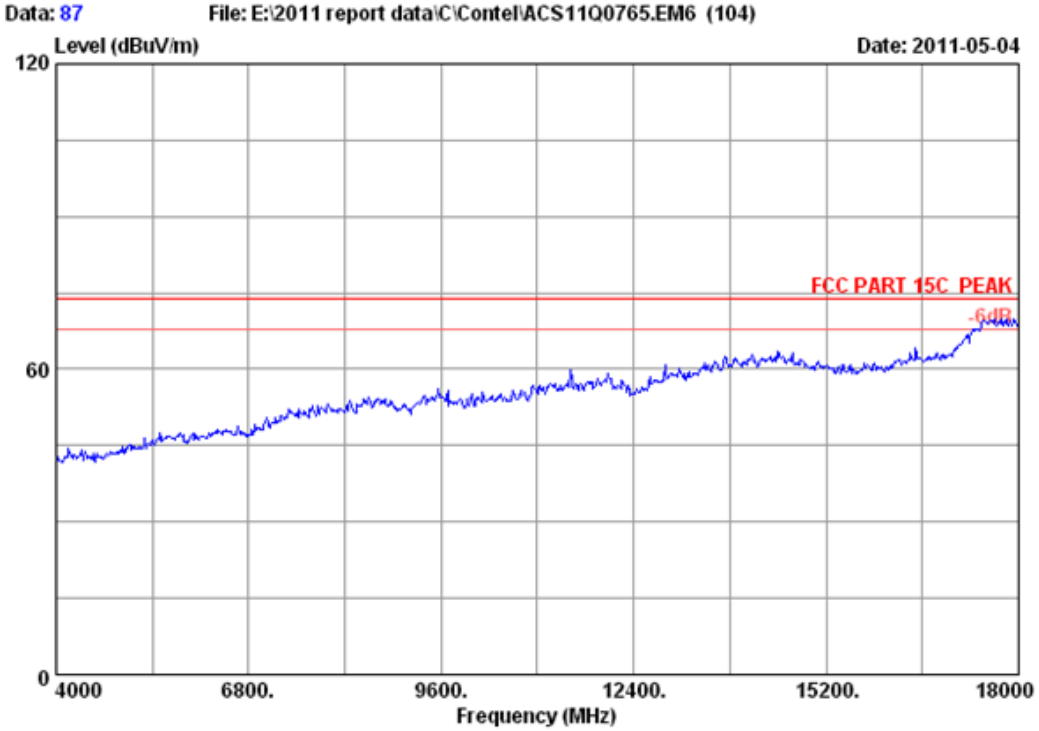

```
Site no.      : 3m Chamber                Data no. :  85
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH3 2422MHz  Tx
M/N           : WN7122G-CN
```



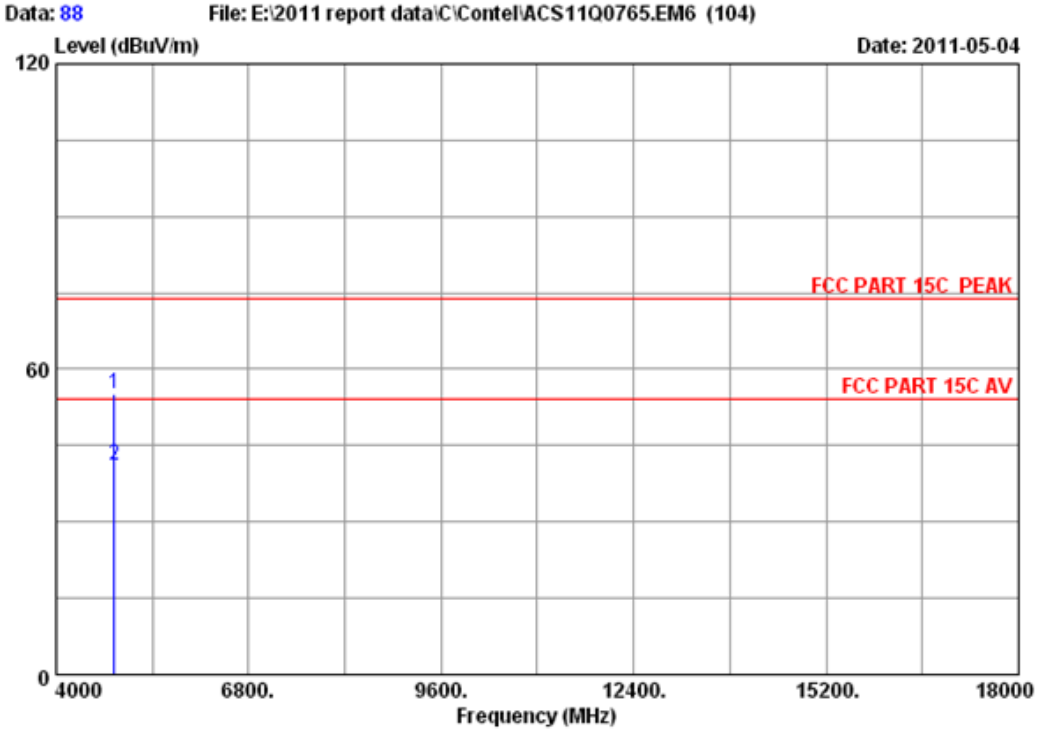
Site no. : 3m Chamber Data no. : 86
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH3 2422MHz Tx
M/N : WN7122G-CN

	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	4844.000	34.35	10.67	35.05	43.56	53.53	74.00	20.47	Peak
2	4844.000	34.35	10.67	35.05	30.50	40.47	54.00	13.53	Average

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



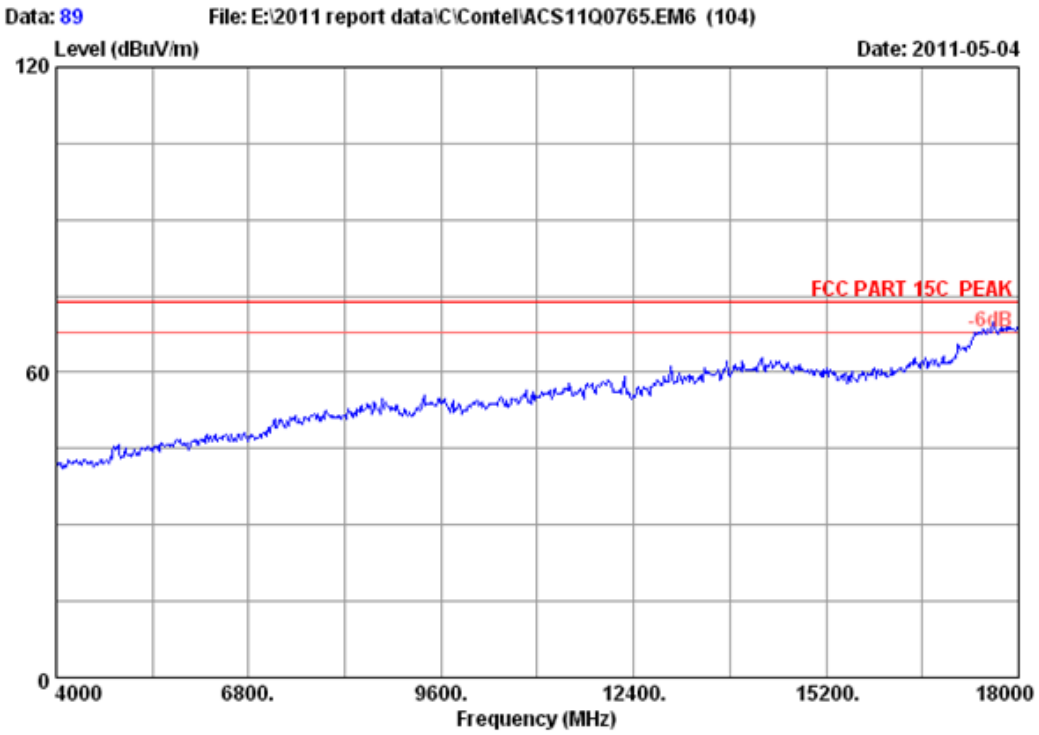

```
Site no.      : 3m Chamber                Data no. :  87
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH3 2422MHz  Tx
M/N           : WN7122G-CN
```



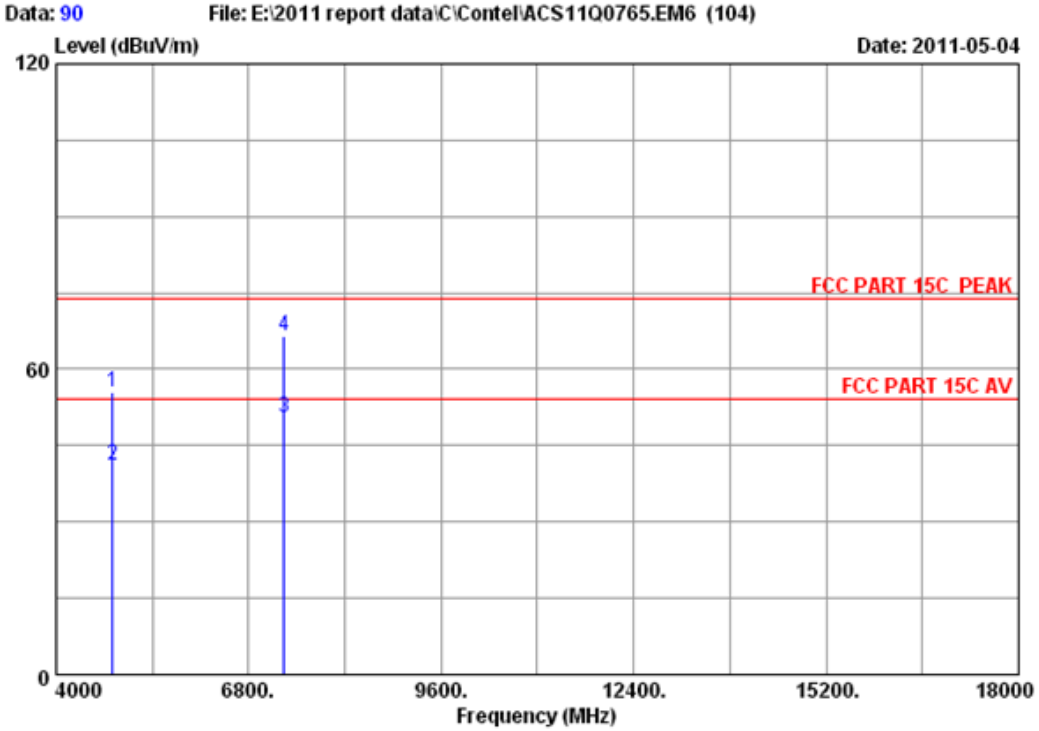
Site no. : 3m Chamber Data no. : 88
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH3 2422MHz Tx
M/N : WN7122G-CN

	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	4844.000	34.35	10.67	35.05	45.02	54.99	74.00	19.01	Peak
2	4844.000	34.35	10.67	35.05	31.07	41.04	54.00	12.96	Average

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



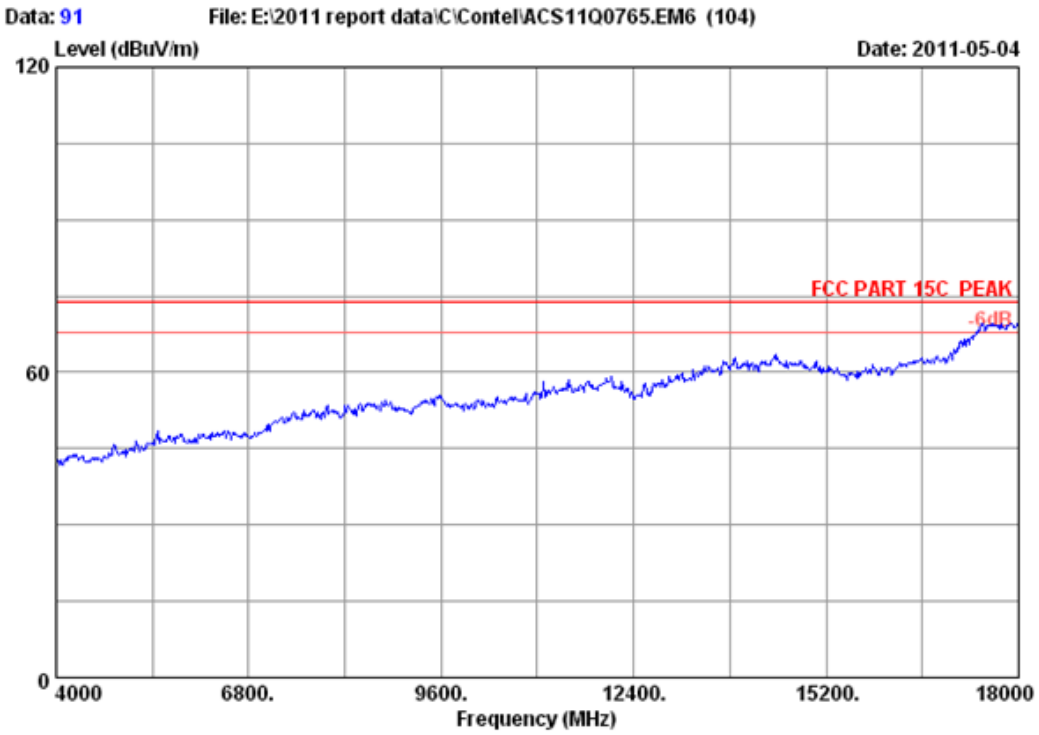

```
Site no.      : 3m Chamber                Data no. :  89
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



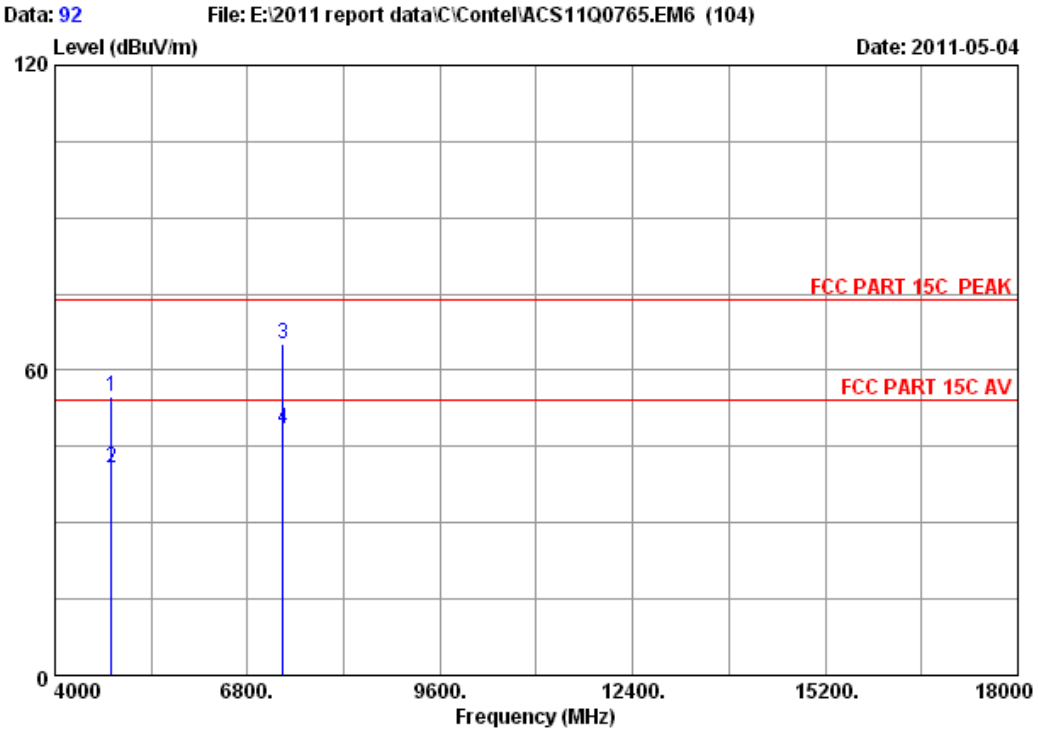
Site no. : 3m Chamber Data no. : 90
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	45.64	55.52	74.00	18.48	Peak
2	4824.000	34.32	10.64	35.08	31.27	41.15	54.00	12.85	Average
3	7311.000	37.28	13.40	33.94	33.69	50.43	54.00	3.57	Average
4	7311.000	37.28	13.40	33.94	49.81	66.55	74.00	7.45	Peak

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



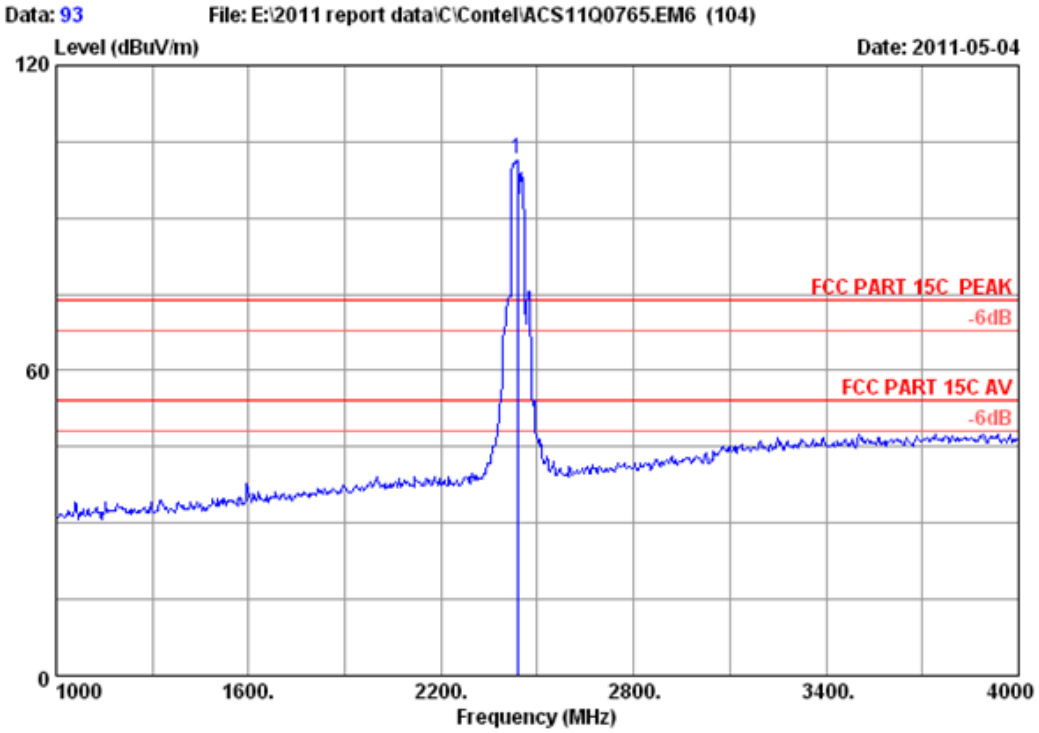

```
Site no.      : 3m Chamber                Data no. :  91
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH6 2437MHz  Tx
M/N           : WN7122G-CN
```



Site no. : 3m Chamber Data no. : 92
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	4824.000	34.32	10.64	35.08	44.79	54.67	74.00	19.33	Peak
2	4824.000	34.32	10.64	35.08	30.99	40.87	54.00	13.13	Average
3	7311.000	37.28	13.40	33.94	48.56	65.30	74.00	8.70	Peak
4	7311.000	37.28	13.40	33.94	31.79	48.53	54.00	5.47	Average

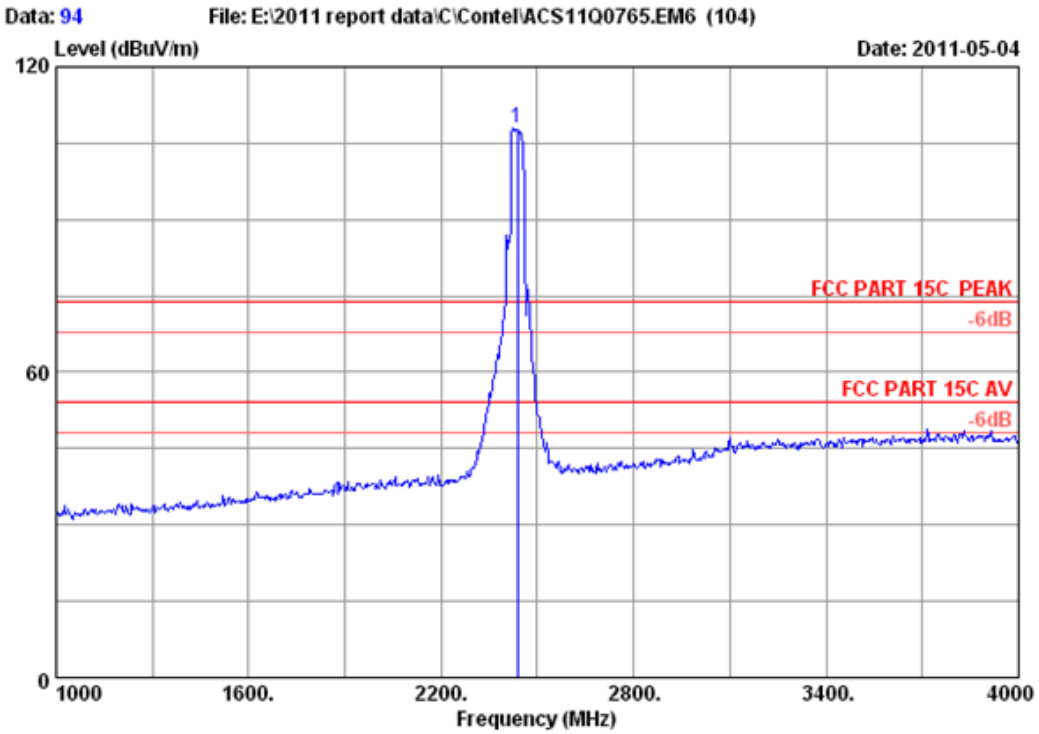
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 93
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH6 2437MHz Tx
M/N : WN7122G-CN

	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	2437.000	29.47	7.46	36.61	101.25	101.57	74.00	-27.57	Peak

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

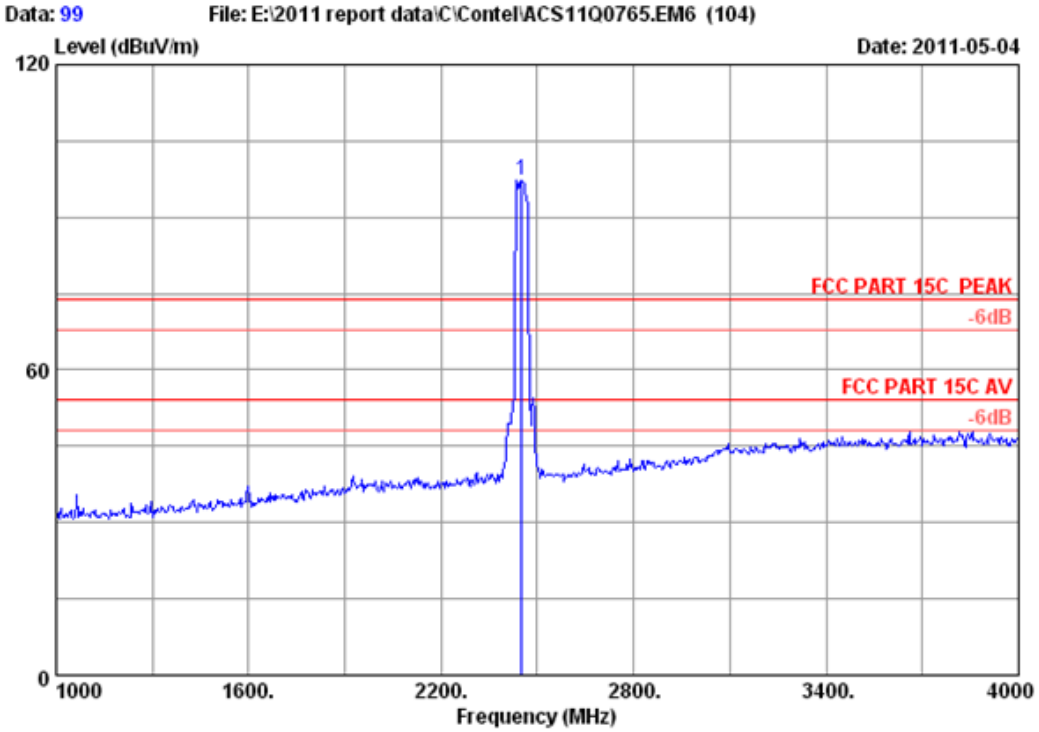



```
Site no.      : 3m Chamber                Data no. :  94
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH6 2437MHz  Tx
M/N           : WN7122G-CN
```

	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	2437.000	29.47	7.46	36.61	107.68	108.00	74.00	-34.00	Peak

Remarks:

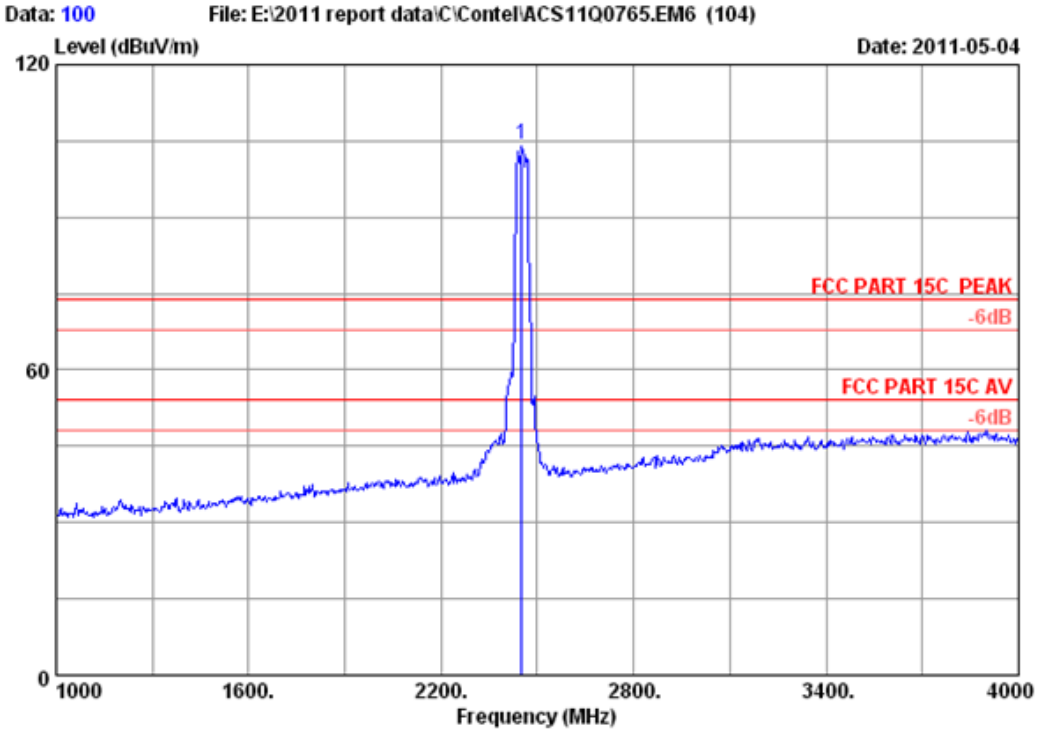
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 99
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH9 2452MHz Tx
M/N : WN7122G-CN

	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	2452.000	29.47	7.50	36.61	96.93	97.29	74.00	-23.29	Peak

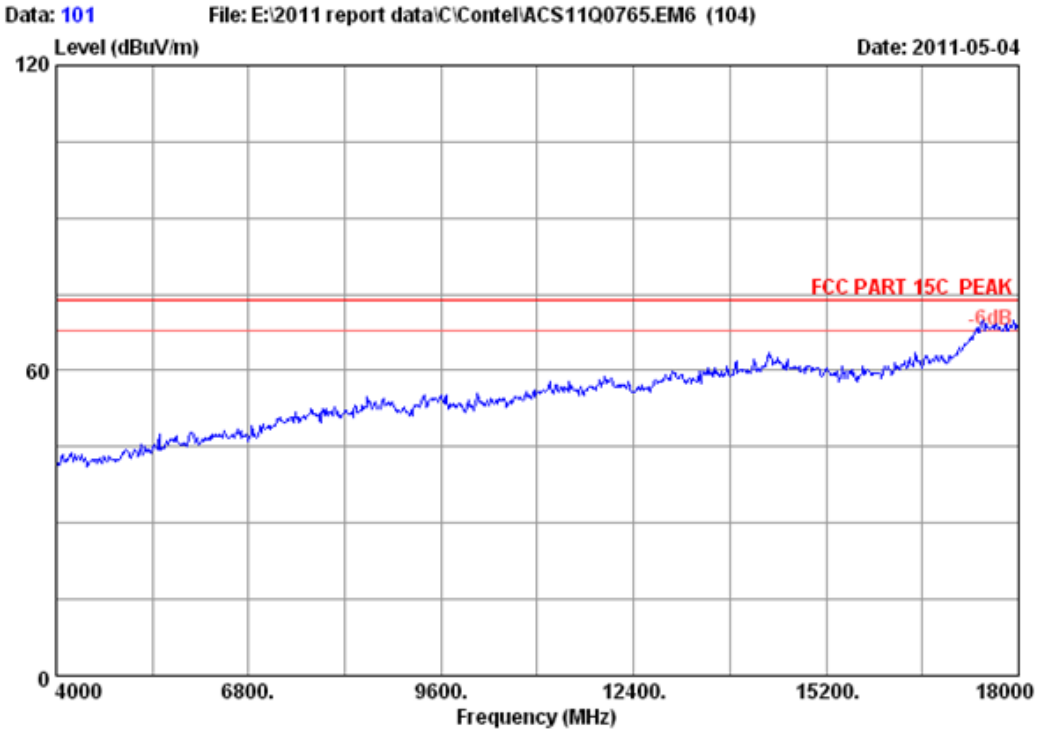
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



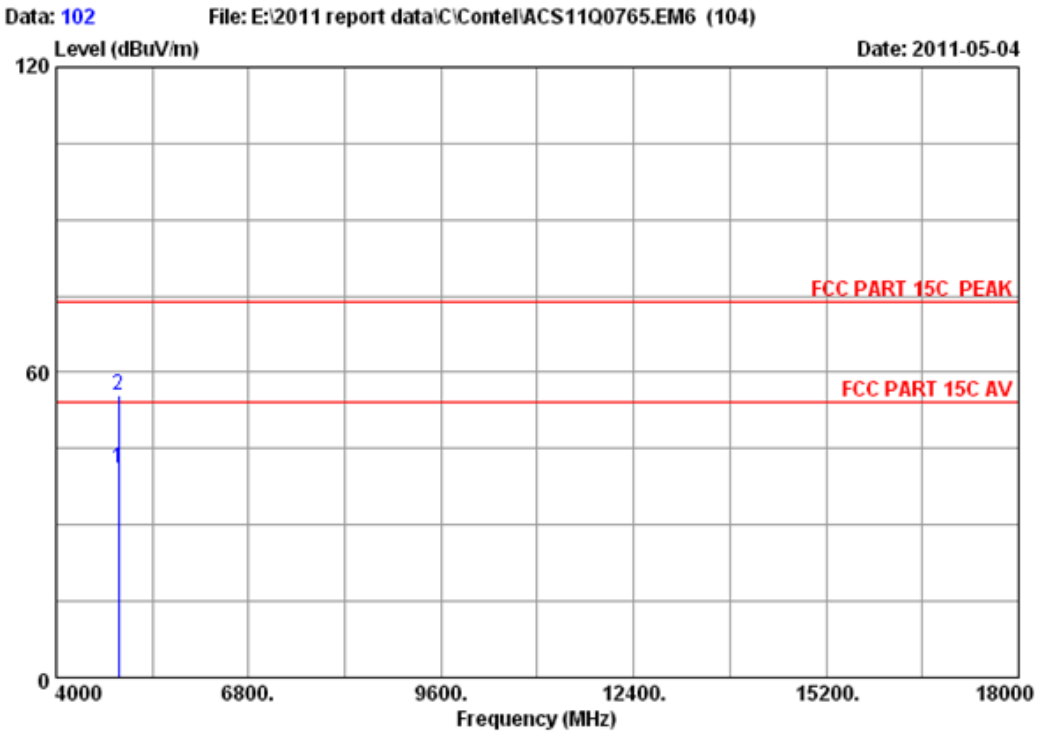

```
Site no.      : 3m Chamber                Data no. :  100
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH9 2452MHz  Tx
M/N           : WN7122G-CN
```

	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	2452.000	29.47	7.50	36.61	103.84	104.20	74.00	-30.20	Peak

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



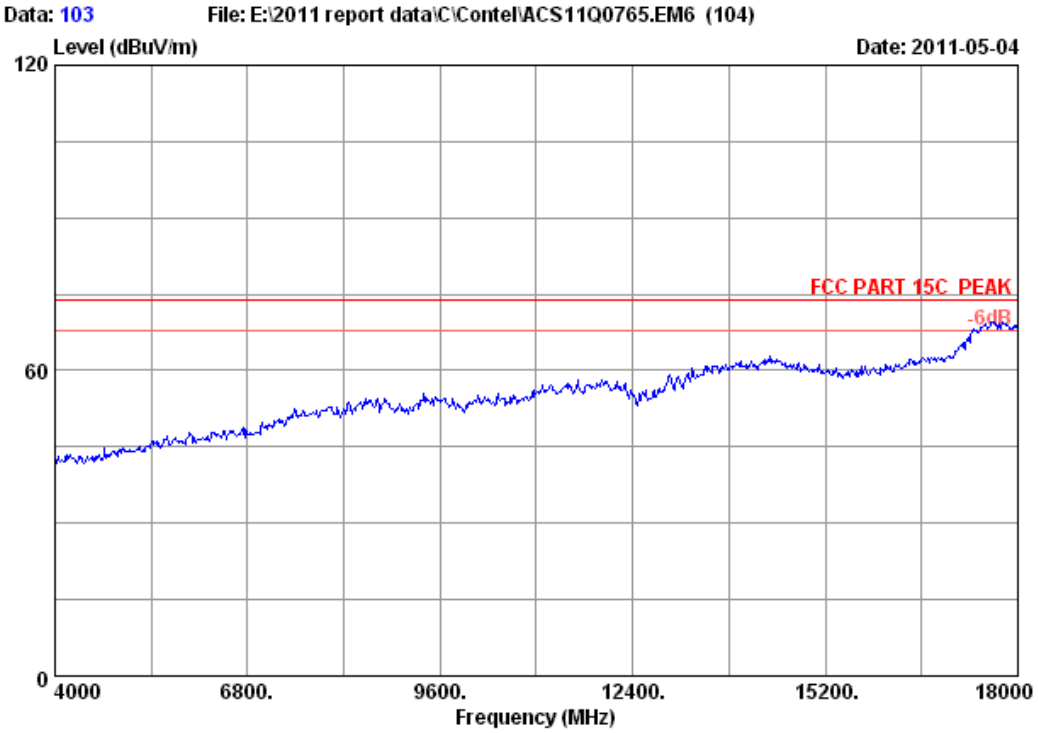

```
Site no.      : 3m Chamber                Data no. :  101
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH9 2452MHz  Tx
M/N           : WN7122G-CN
```



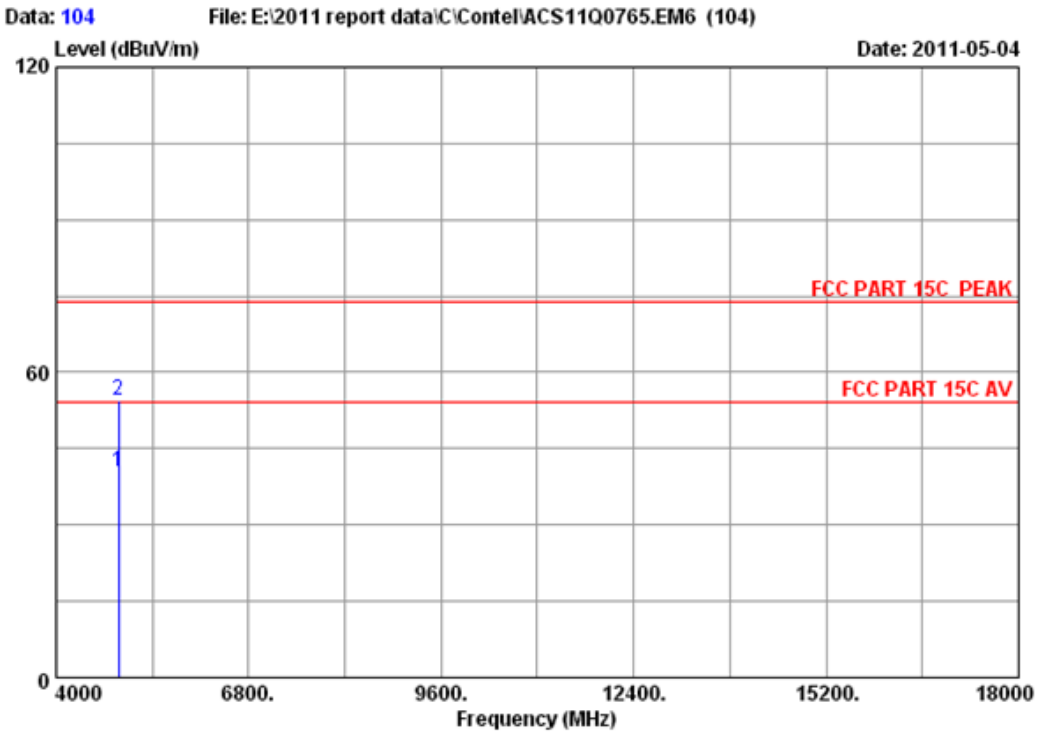
Site no. : 3m Chamber Data no. : 102
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Leo-Li
EUT : RF Module
Power : DC 5V From DVD Player input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH9 2452MHz Tx
M/N : WN7122G-CN

	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	4904.000	34.46	10.74	35.00	30.97	41.17	54.00	12.83	Average
2	4904.000	34.46	10.74	35.00	45.26	55.46	74.00	18.54	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.




```
Site no.      : 3m Chamber                Data no. :  103
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH9 2452MHz  Tx
M/N           : WN7122G-CN
```




```
Site no.      : 3m Chamber                Data no. :  104
Dis. / Ant.   : 3m   3115(0911)           Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer  : Leo-Li
EUT           : RF Module
Power         : DC 5V From DVD Player input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH9 2452MHz  Tx
M/N           : WN7122G-CN
```

	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	4904.000	34.46	10.74	35.00	30.35	40.55	54.00	13.45	Average
2	4904.000	34.46	10.74	35.00	44.28	54.48	74.00	19.52	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.

5. CONDUCTED SPURIOUS EMISSIONS

5.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 10	1 Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08, 10	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX 102	28618/2	May.08, 10	1Year

5.2.Limit

In any 100kHz 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 in 15.209(a).

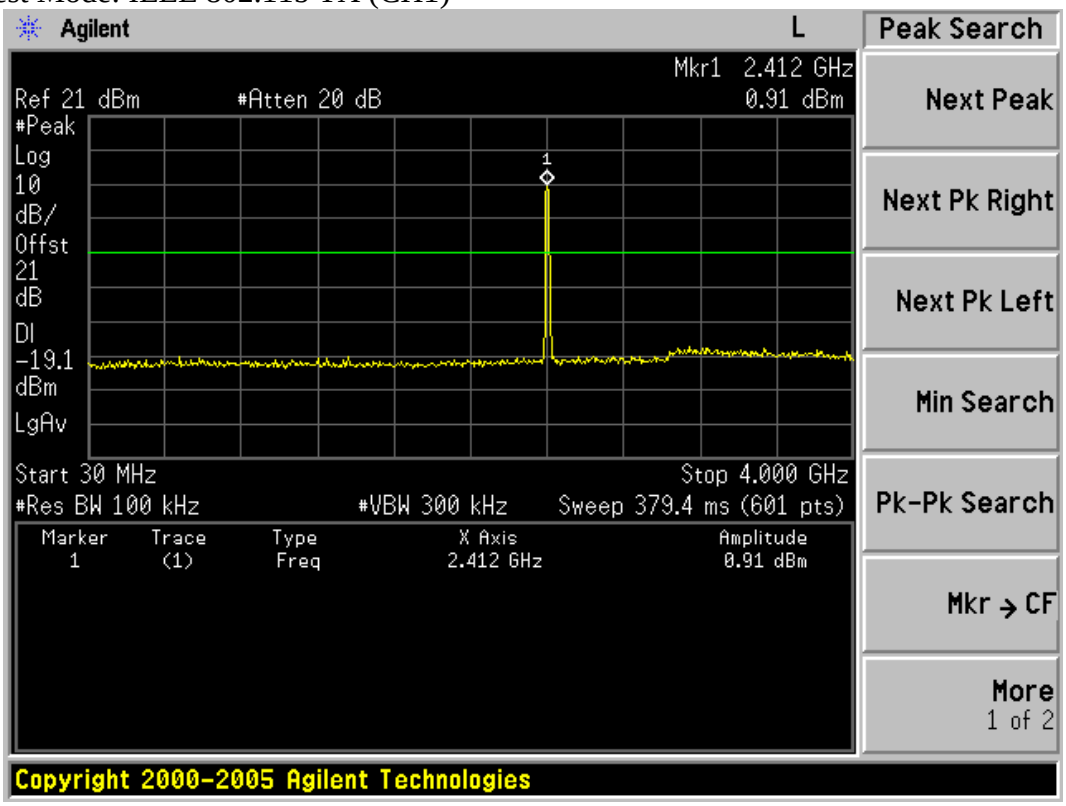
5.3.Test Procedure

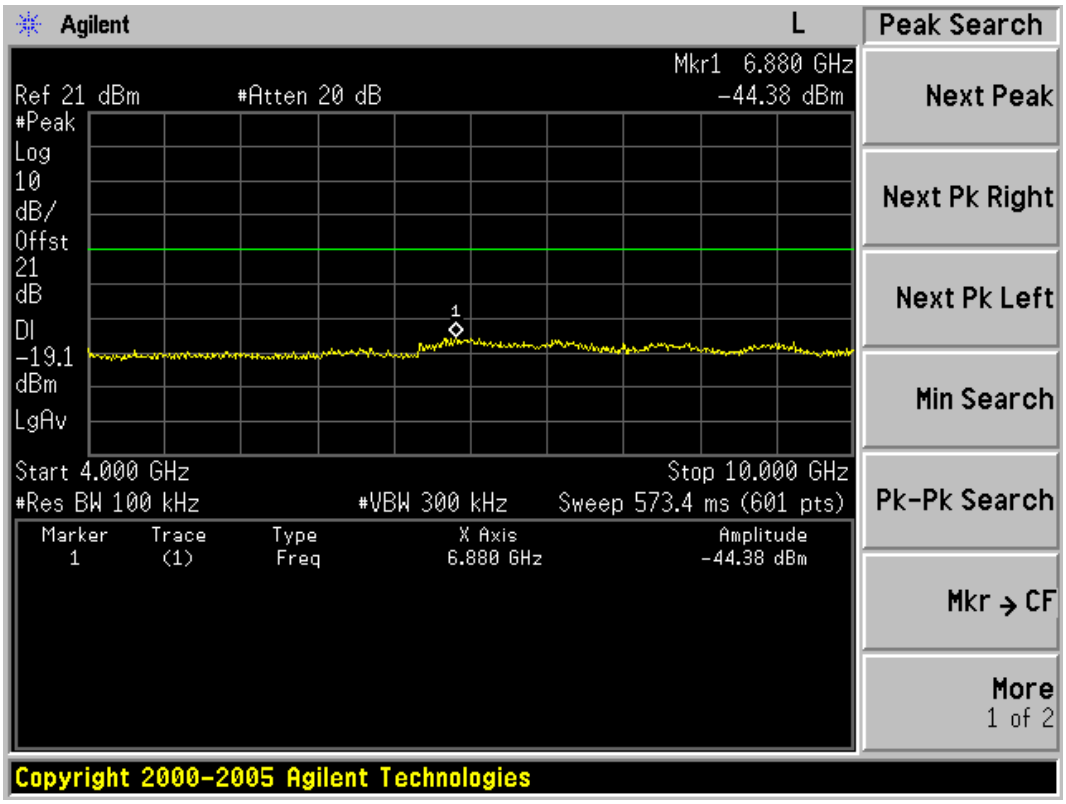
The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

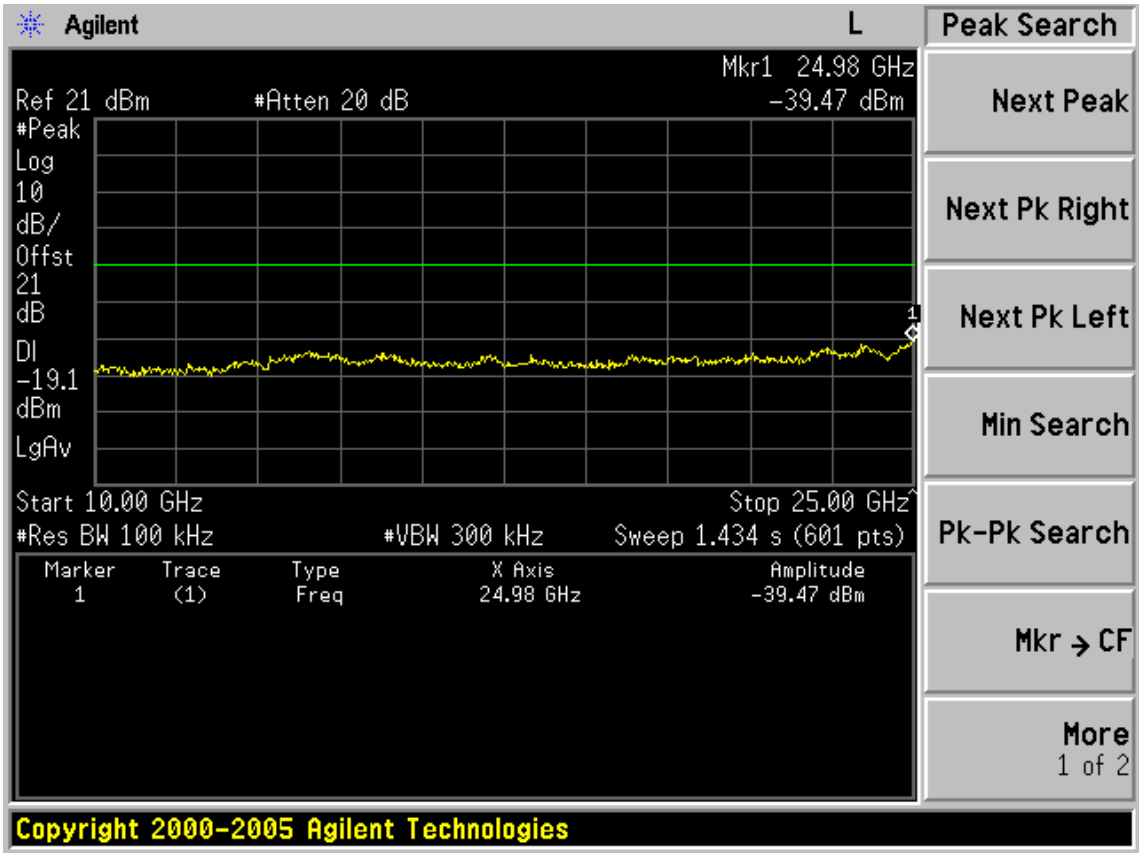
5.4.Test result

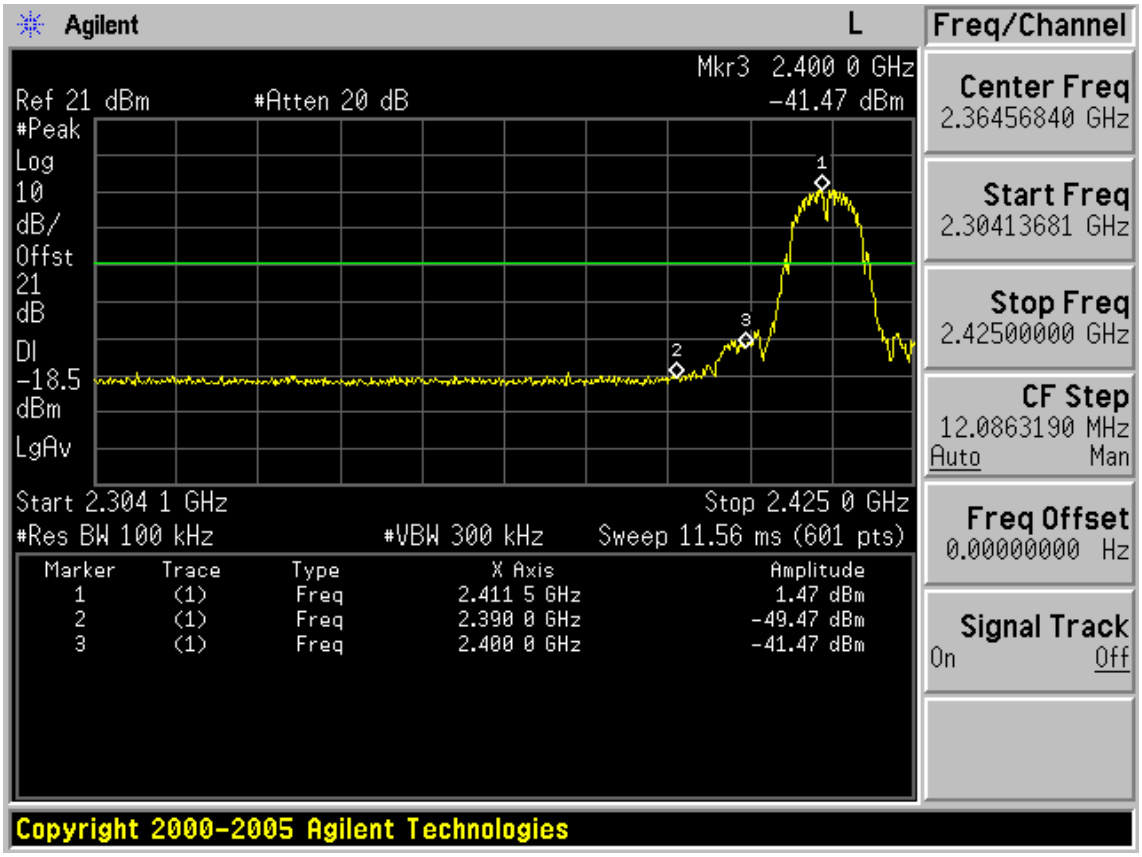
PASS (The testing data was attached in the next pages.)

Conducted emission test data:
Chain 0:
Test Mode: IEEE 802.11b TX (CH1)

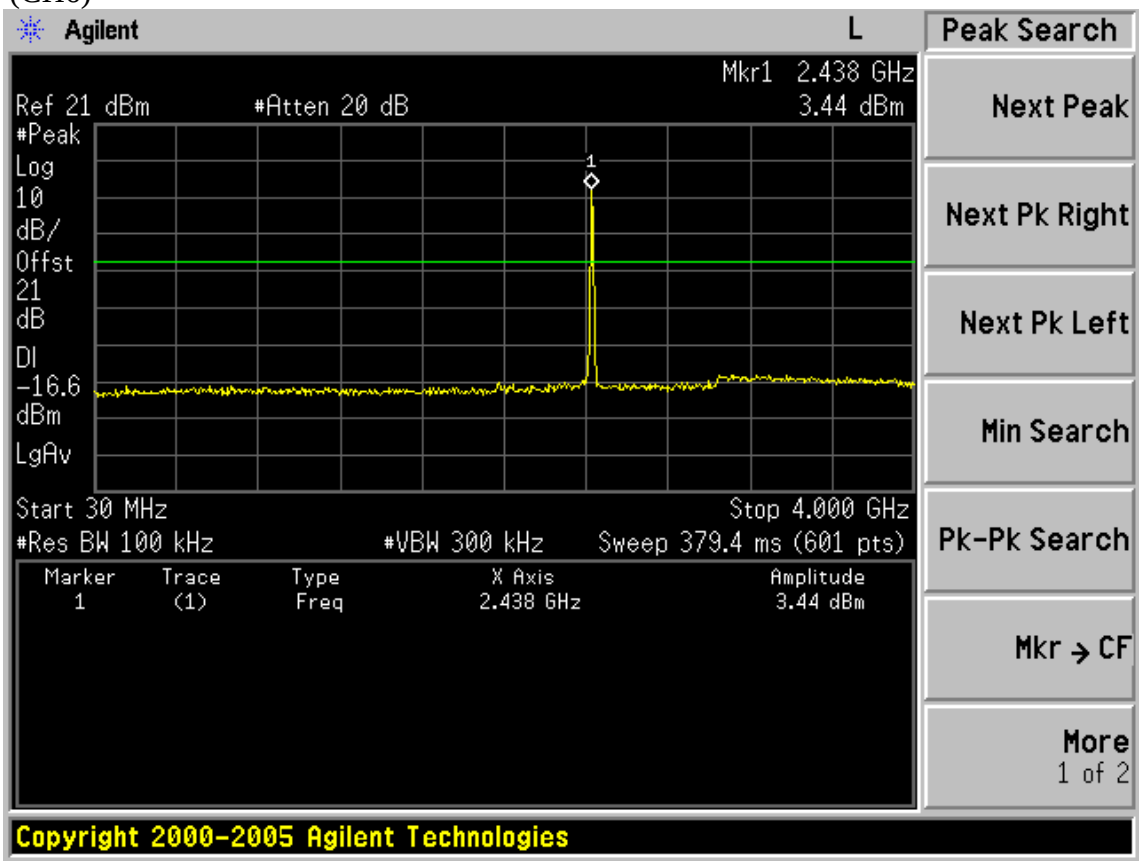


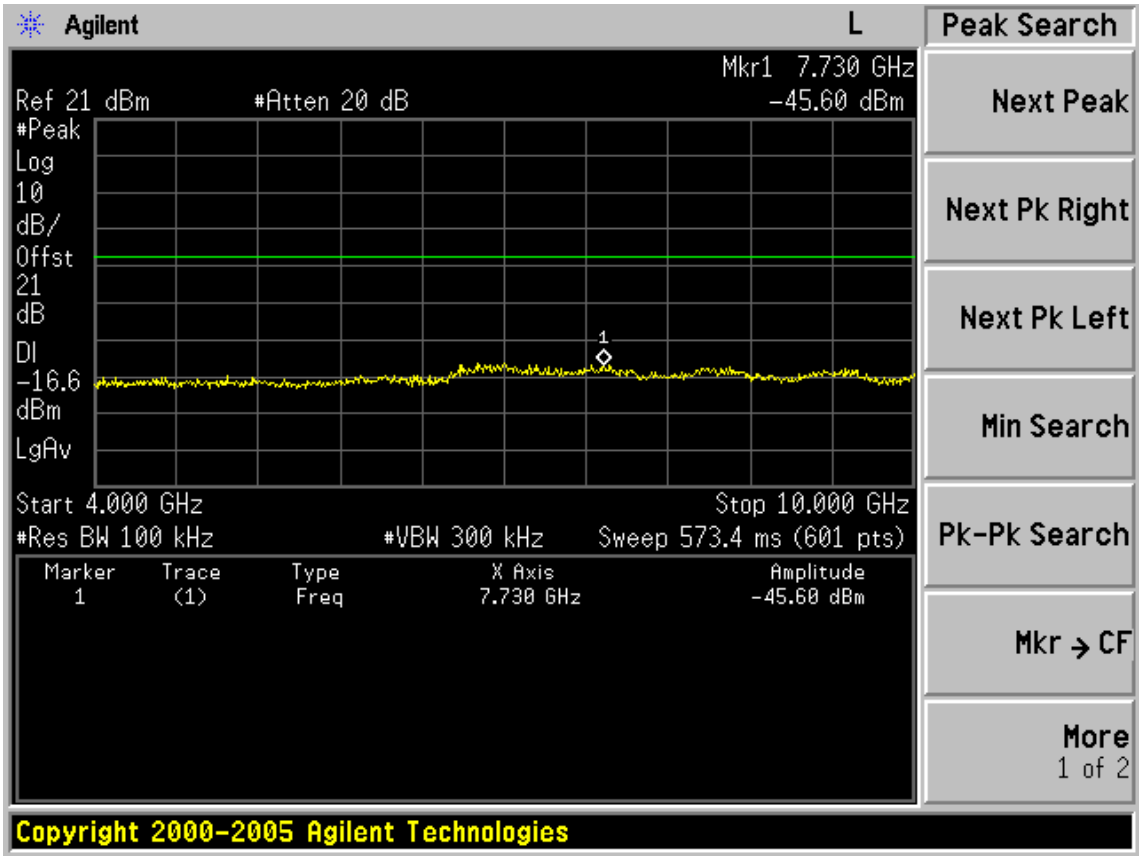


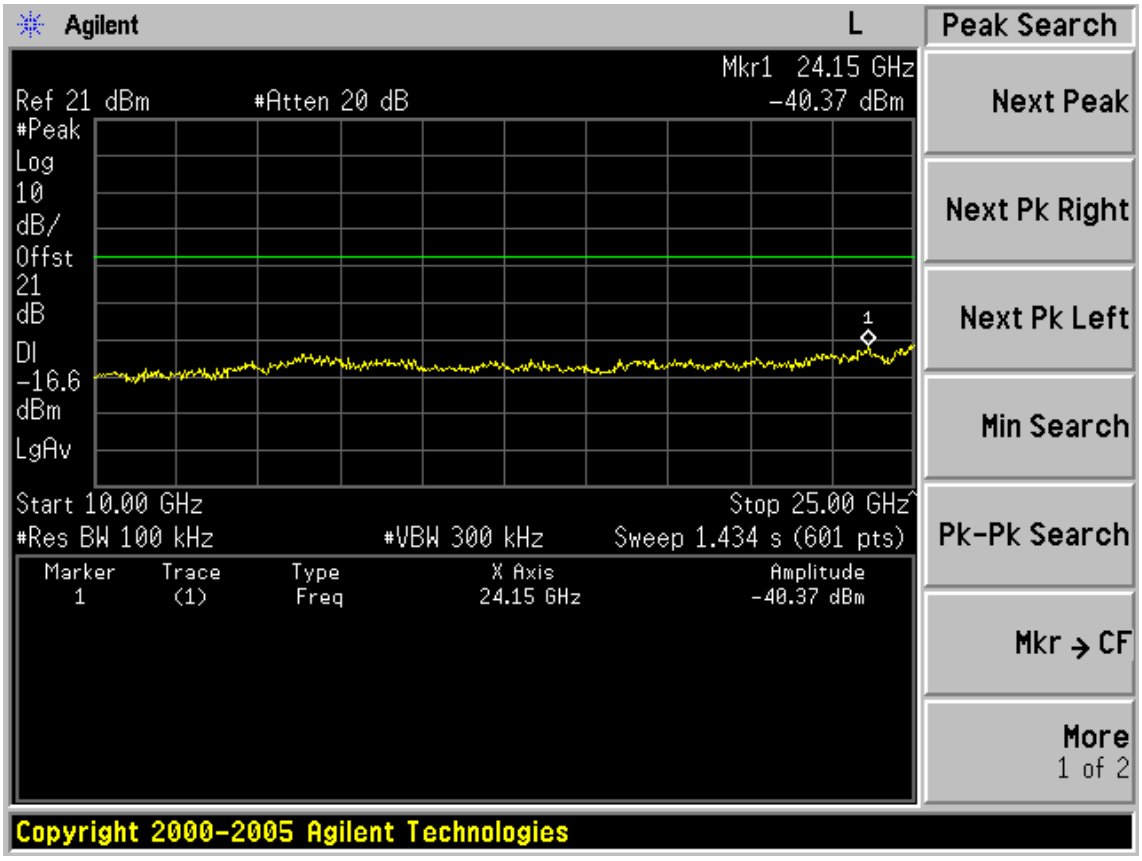

Agilent
L
Mkr1 24.98 GHz
Ref 21 dBm
#Atten 20 dB
-39.47 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-19.1
dBm
LgAv
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 24.98 GHz -39.47 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
L
Mkr3 2.400 0 GHz
Ref 21 dBm
#Atten 20 dB
-41.47 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-18.5
dBm
LgAv
Start 2.304 1 GHz
Stop 2.425 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 11.56 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.411 5 GHz 1.47 dBm
2 (1) Freq 2.390 0 GHz -49.47 dBm
3 (1) Freq 2.400 0 GHz -41.47 dBm
Freq/Channel
Center Freq
2.36456840 GHz
Start Freq
2.30413681 GHz
Stop Freq
2.42500000 GHz
CF Step
12.0863190 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2005 Agilent Technologies

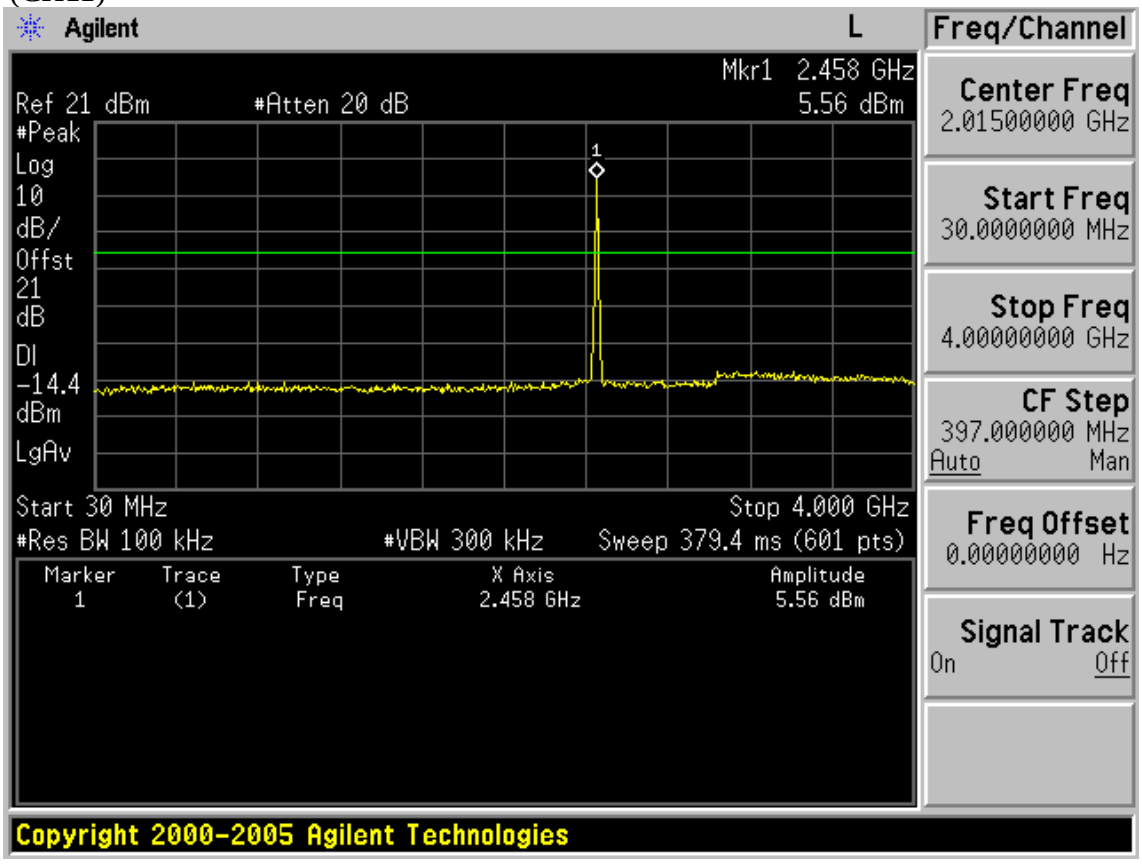
(CH6)

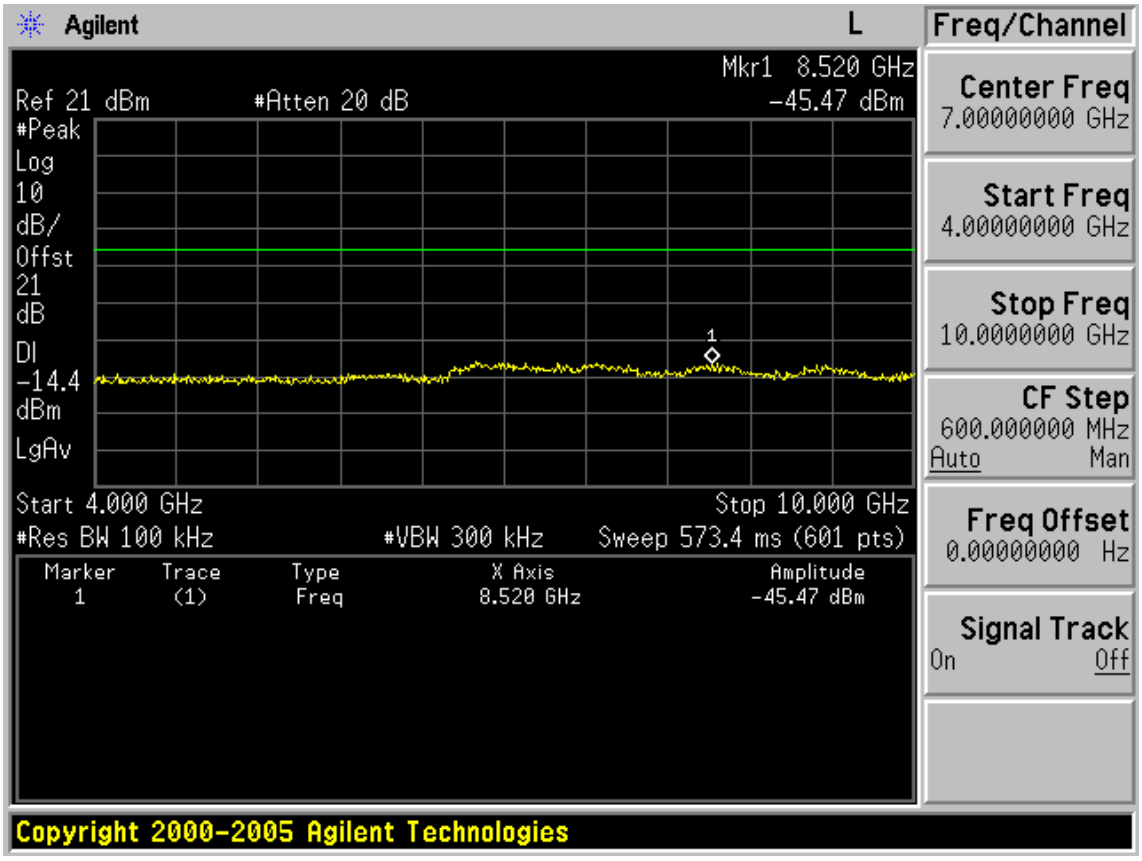

Agilent
L
Peak Search
Mkr1 2.438 GHz
Ref 21 dBm
#Atten 20 dB
3.44 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-16.6
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30 MHz
Stop 4.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 379.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.438 GHz 3.44 dBm
Copyright 2000-2005 Agilent Technologies

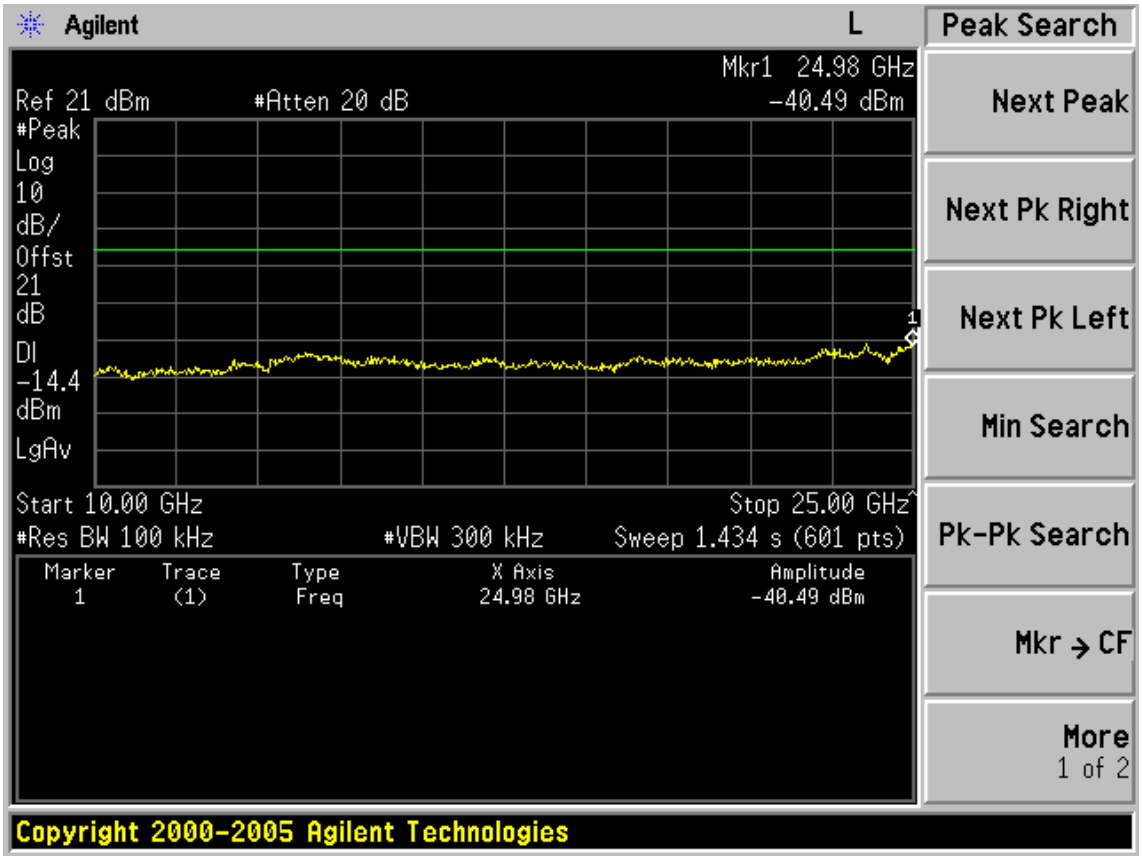

Agilent
L
Peak Search
Mkr1 7.730 GHz
Ref 21 dBm
#Atten 20 dB
-45.60 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-16.6
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 4.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 573.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 7.730 GHz -45.60 dBm
Copyright 2000-2005 Agilent Technologies

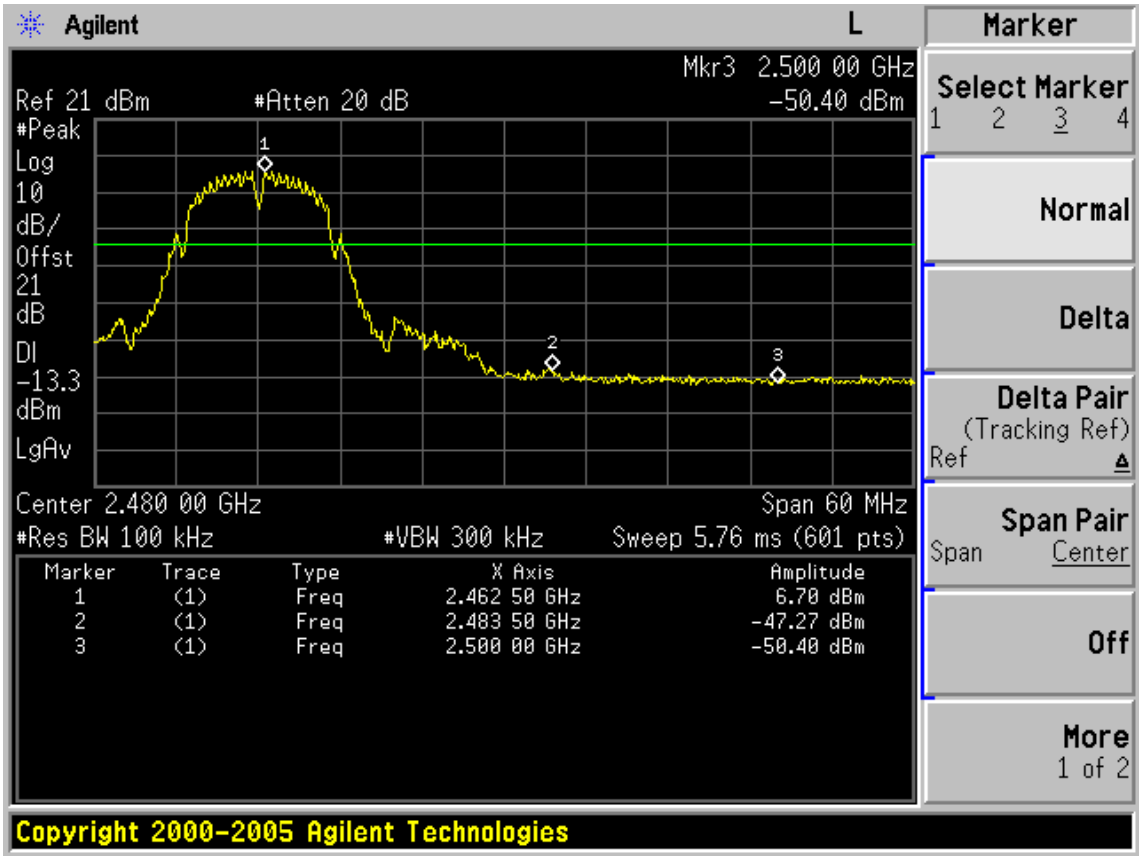

Agilent
L
Peak Search
Mkr1 24.15 GHz
Ref 21 dBm
#Atten 20 dB
-40.37 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-16.6
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 24.15 GHz -40.37 dBm
Copyright 2000-2005 Agilent Technologies

(CH11)

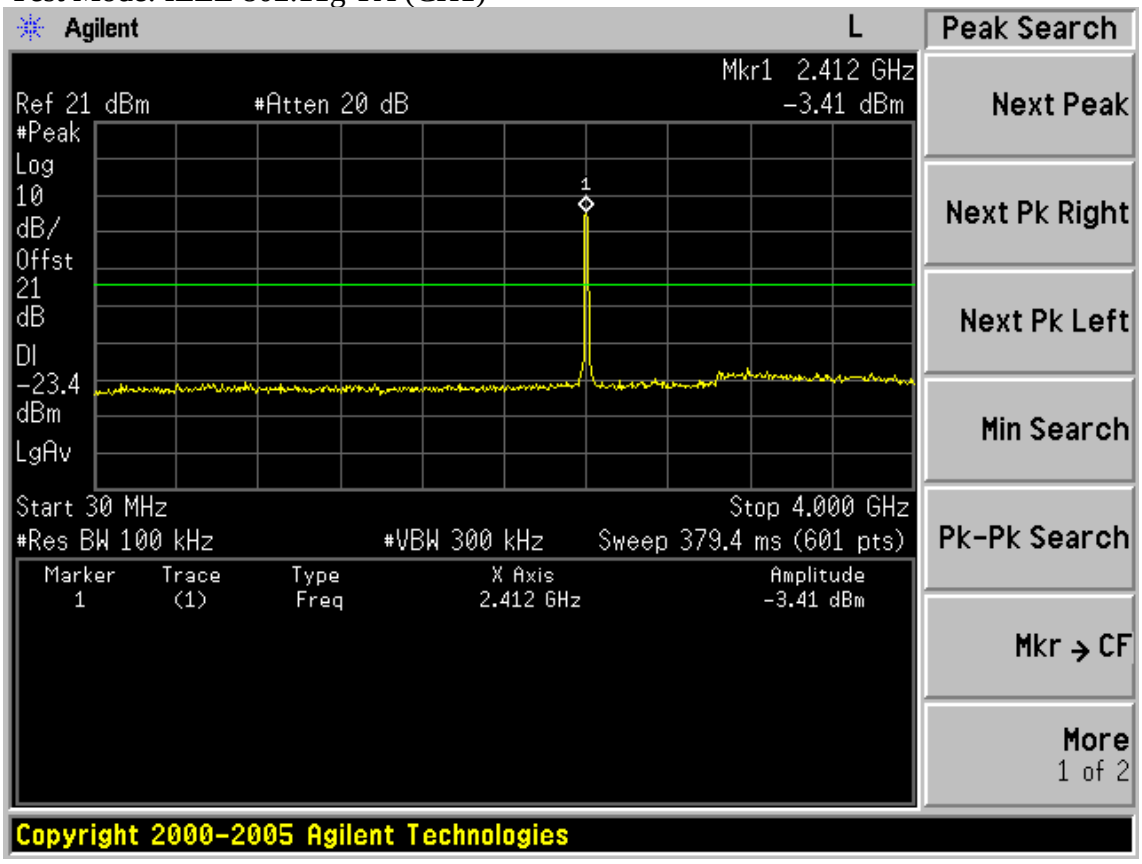

Agilent
L
Freq/Channel
Mkr1 2.458 GHz
Ref 21 dBm
#Atten 20 dB
5.56 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-14.4
dBm
LgAv
Center Freq
2.01500000 GHz
Start Freq
30.0000000 MHz
Stop Freq
4.00000000 GHz
CF Step
397.000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Start 30 MHz
Stop 4.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 379.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.458 GHz 5.56 dBm
Copyright 2000-2005 Agilent Technologies

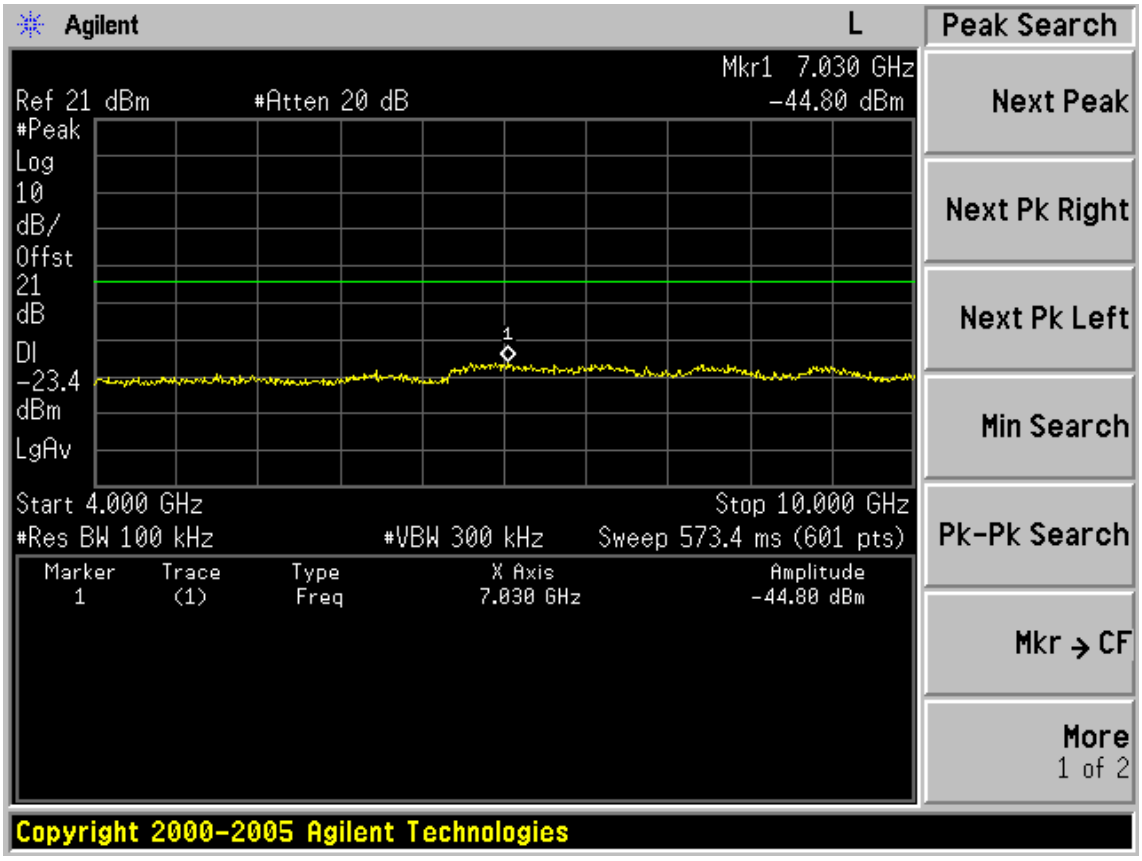

Agilent
L
Freq/Channel
Mkr1 8.520 GHz
Ref 21 dBm
#Atten 20 dB
-45.47 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-14.4
dBm
LgAv
1
Center Freq
7.00000000 GHz
Start Freq
4.00000000 GHz
Stop Freq
10.0000000 GHz
CF Step
600.000000 MHz
Auto
Man
Start 4.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 573.4 ms (601 pts)
Freq Offset
0.00000000 Hz
Marker
Trace
Type
X Axis
Amplitude
1
(1)
Freq
8.520 GHz
-45.47 dBm
Signal Track
On
Off
Copyright 2000-2005 Agilent Technologies

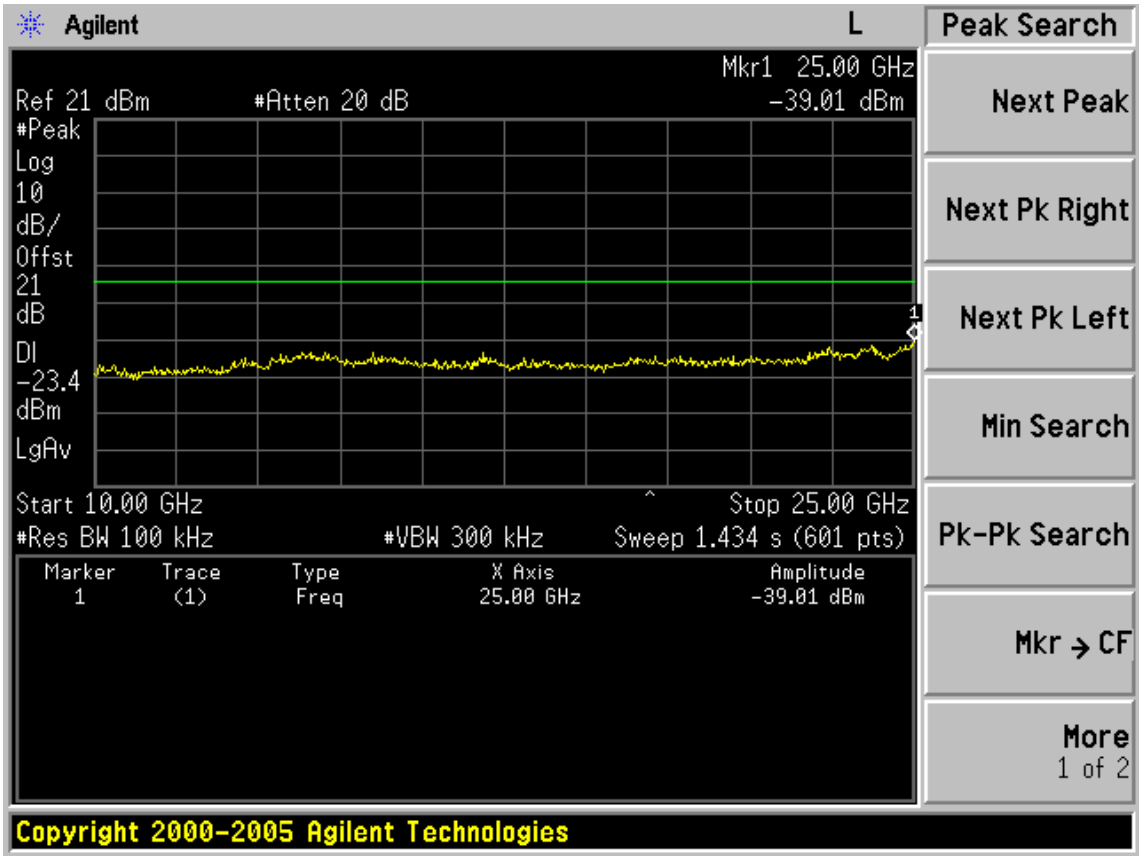

Agilent
L
Peak Search
Mkr1 24.98 GHz
Ref 21 dBm
#Atten 20 dB
-40.49 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-14.4
dBm
LgAv
1
Next Peak
Next Pk Right
Next Pk Left
Min Search
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Pk-Pk Search
Marker
Trace
Type
X Axis
Amplitude
1
(1)
Freq
24.98 GHz
-40.49 dBm
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

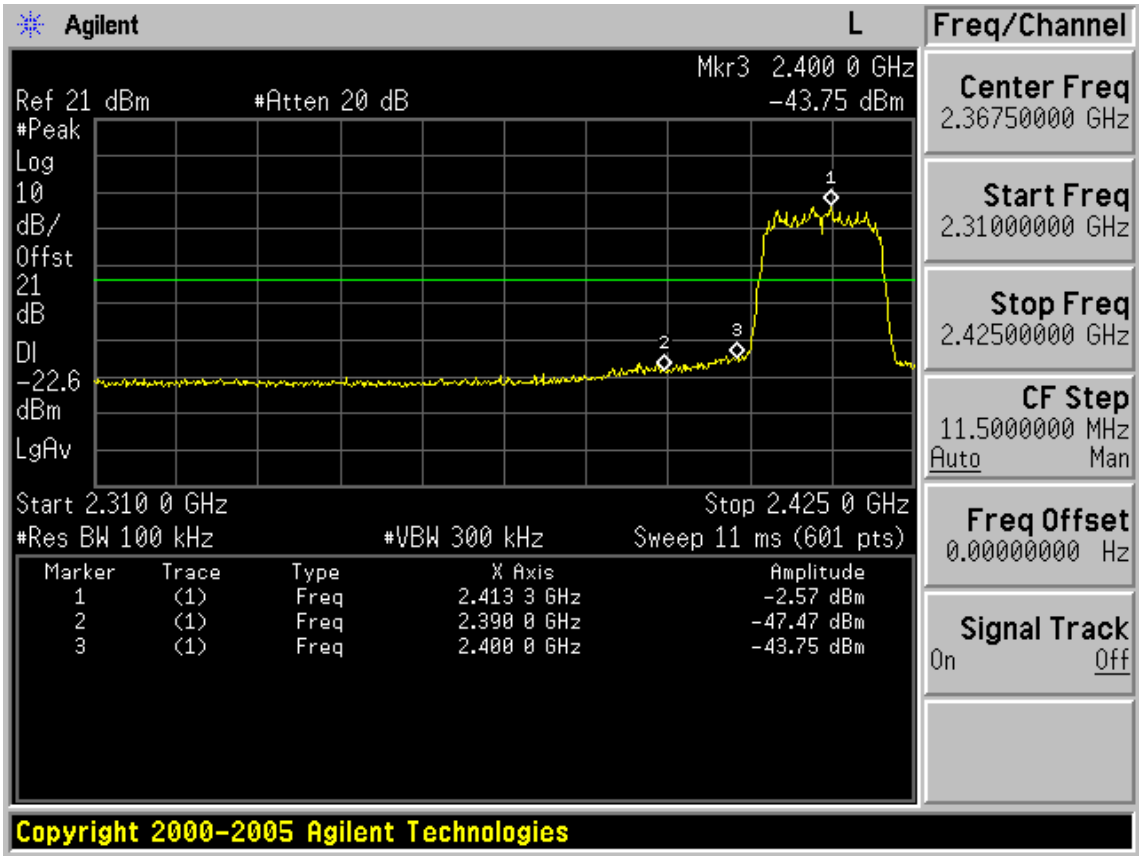


Test Mode: IEEE 802.11g TX (CH1)

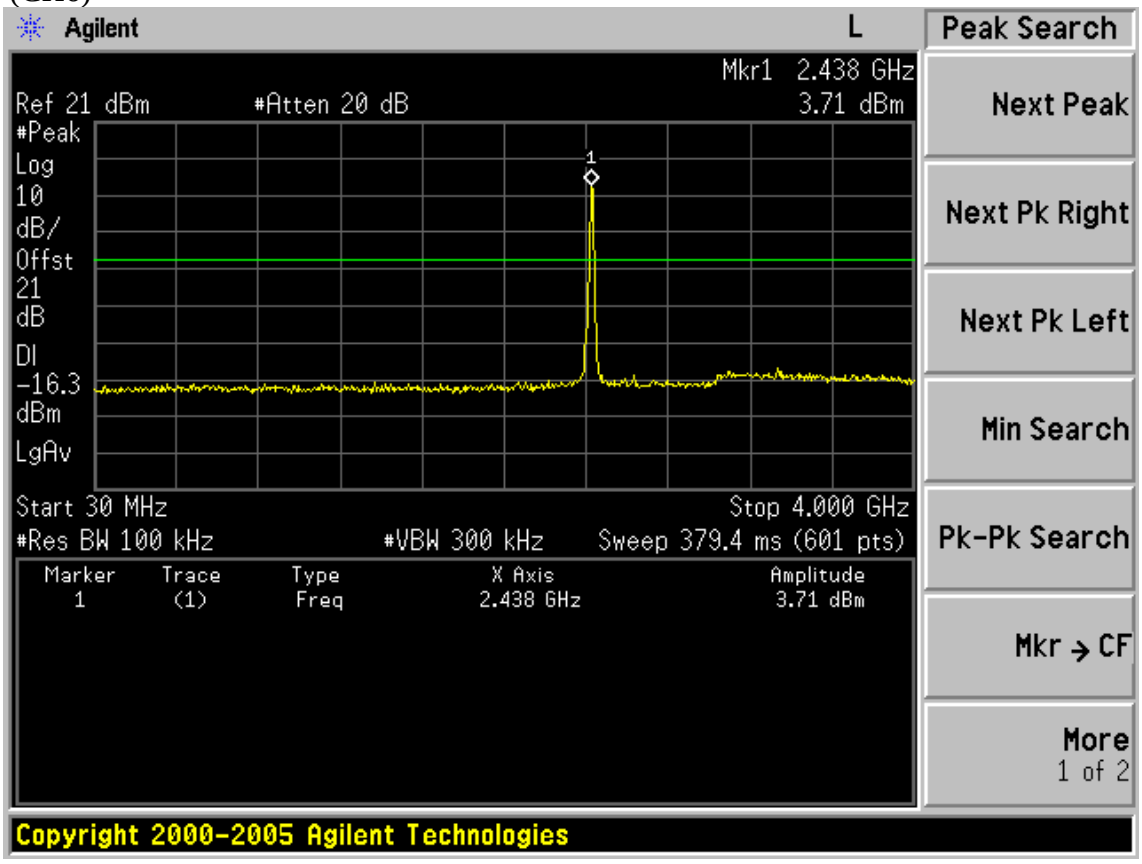


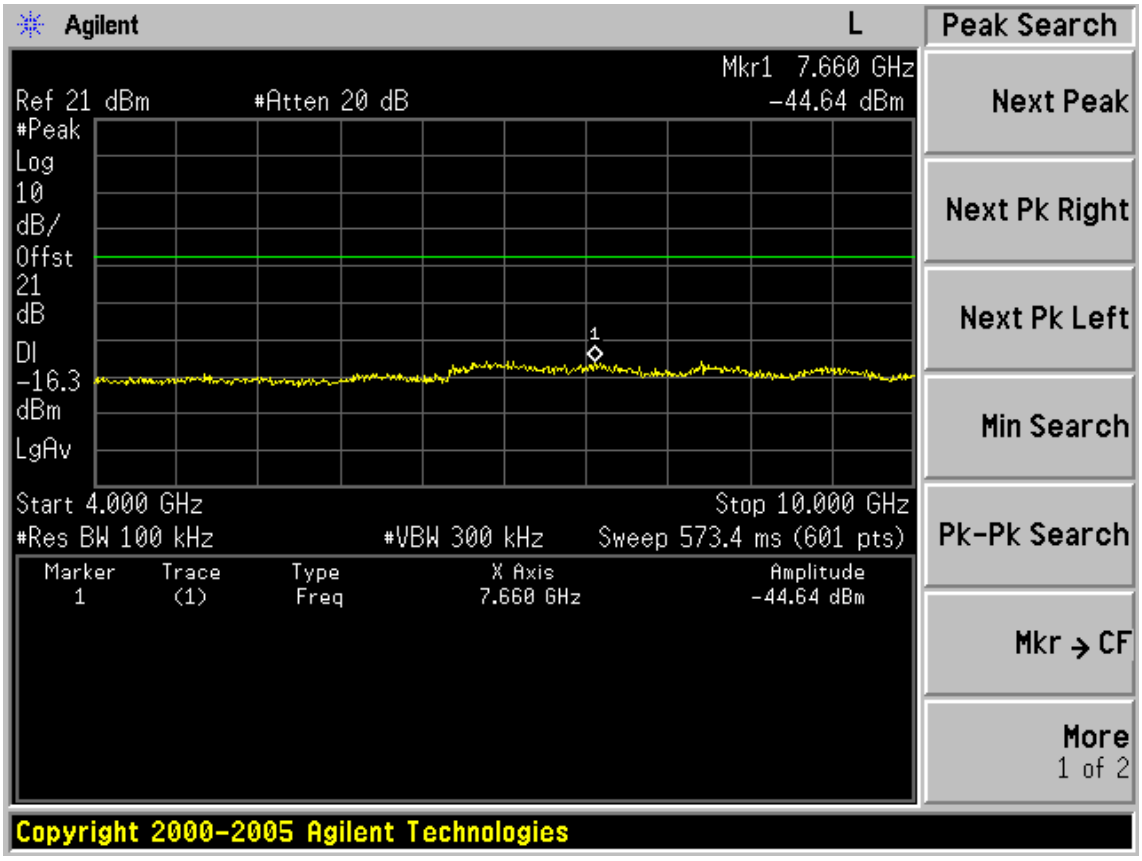

Agilent
L
Peak Search
Mkr1 7.030 GHz
Ref 21 dBm
#Atten 20 dB
-44.80 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-23.4
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 4.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 573.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 7.030 GHz -44.80 dBm
Copyright 2000-2005 Agilent Technologies


Agilent
L
Peak Search
Mkr1 25.00 GHz
Ref 21 dBm
#Atten 20 dB
-39.01 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-23.4
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 25.00 GHz -39.01 dBm
Copyright 2000-2005 Agilent Technologies


Agilent
L
Freq/Channel
Mkr3 2.400 0 GHz
Ref 21 dBm
#Atten 20 dB
-43.75 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-22.6
dBm
LgAv
Center Freq
2.36750000 GHz
Start Freq
2.31000000 GHz
Stop Freq
2.42500000 GHz
CF Step
11.5000000 MHz
Auto
Man
Start 2.310 0 GHz
Stop 2.425 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 11 ms (601 pts)
Freq Offset
0.00000000 Hz
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.413 3 GHz -2.57 dBm
2 (1) Freq 2.390 0 GHz -47.47 dBm
3 (1) Freq 2.400 0 GHz -43.75 dBm
Signal Track
On
Off
Copyright 2000-2005 Agilent Technologies

(CH6)


Agilent
L
Peak Search
Mkr1 2.438 GHz
Ref 21 dBm
#Atten 20 dB
3.71 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-16.3
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Start 30 MHz
Stop 4.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 379.4 ms (601 pts)
Pk-Pk Search
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.438 GHz 3.71 dBm
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
L
Peak Search
Mkr1 7.660 GHz
Ref 21 dBm
#Atten 20 dB
-44.64 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-16.3
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 4.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 573.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 7.660 GHz -44.64 dBm
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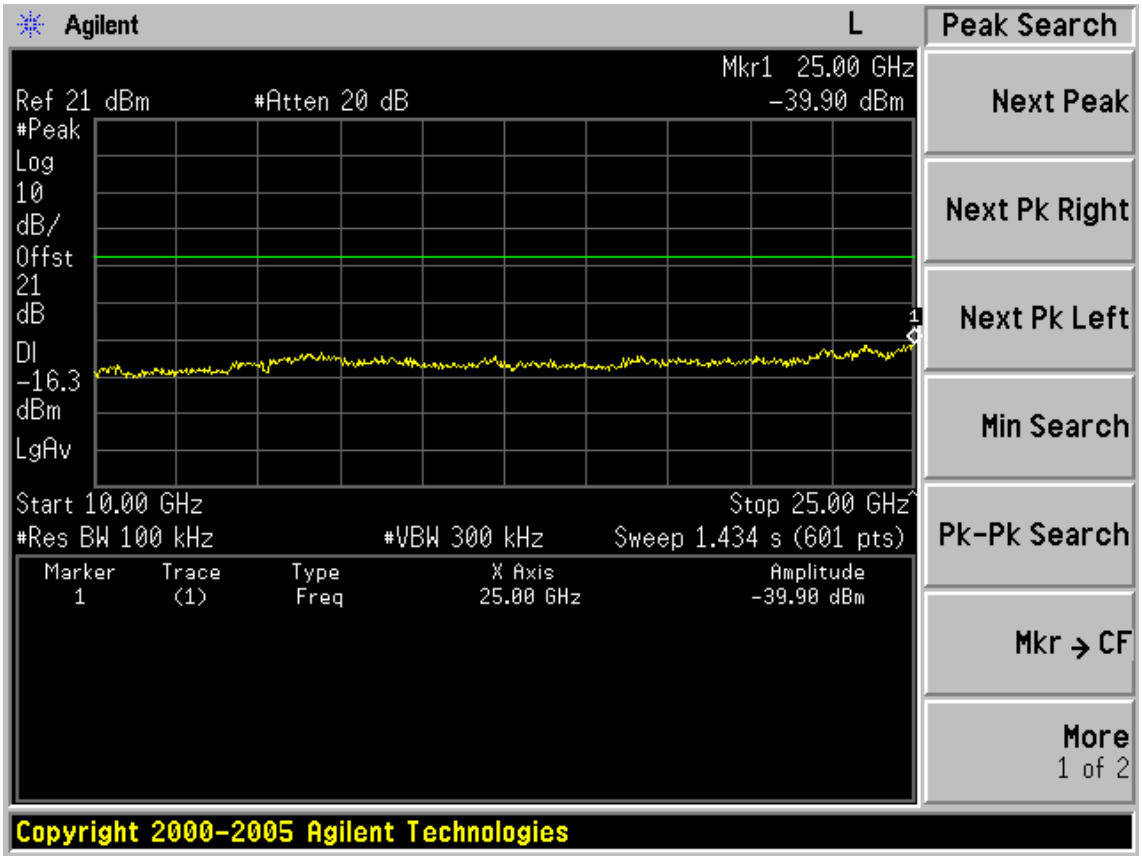
Agilent
L
Peak Search
Mkr1 25.00 GHz
Ref 21 dBm
#Atten 20 dB
-39.90 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-16.3
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 25.00 GHz -39.90 dBm
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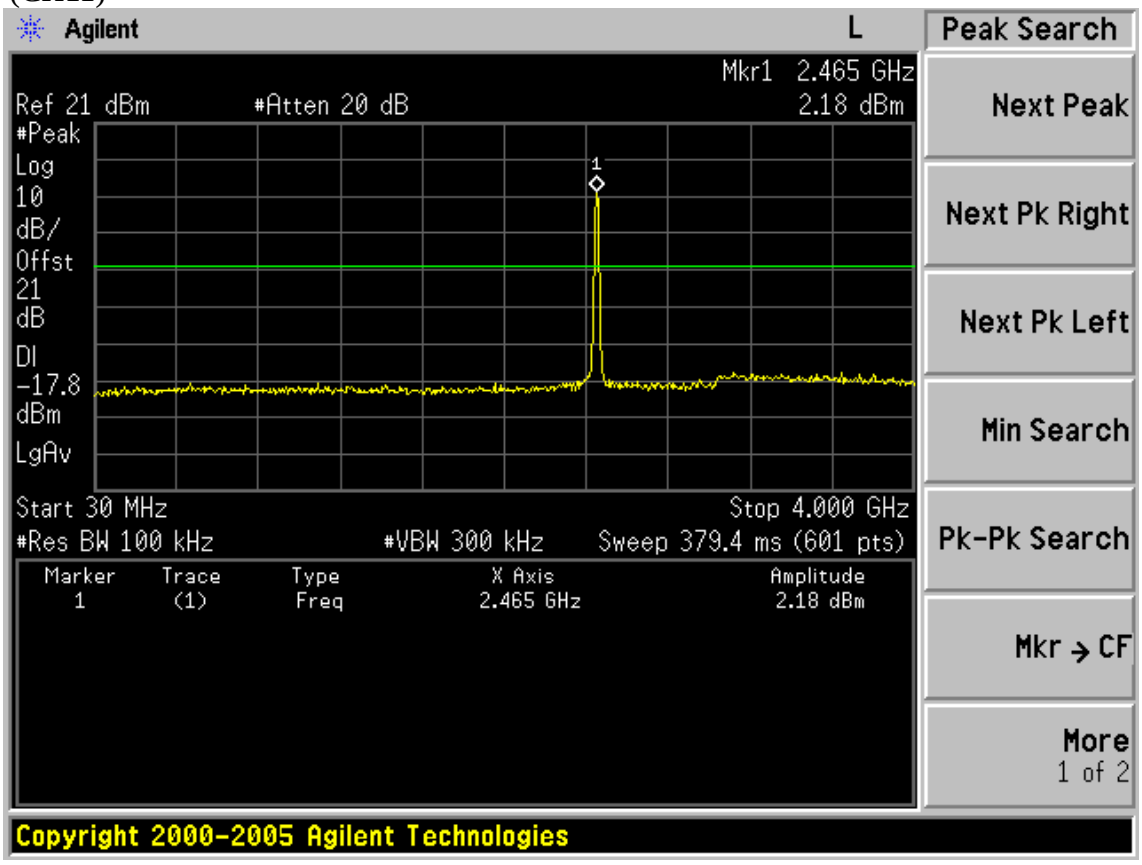
(CH11)


Agilent
L
Peak Search
Mkr1 2.465 GHz
Ref 21 dBm
#Atten 20 dB
2.18 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-17.8
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30 MHz
Stop 4.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 379.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.465 GHz 2.18 dBm
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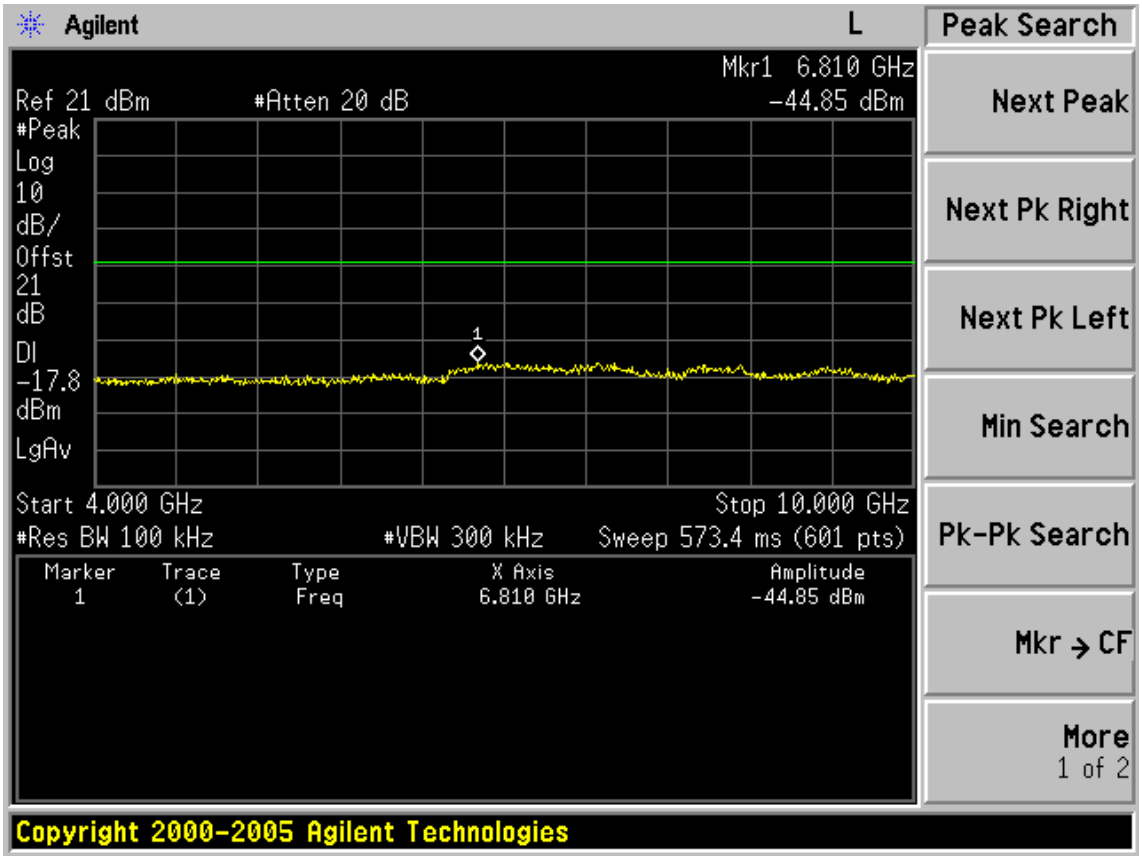
Agilent
L
Peak Search
Mkr1 6.810 GHz
Ref 21 dBm
#Atten 20 dB
-44.85 dBm
#Peak
Log
10
dB/
Offst
21
dB
Dl
-17.8
dBm
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 4.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 573.4 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 6.810 GHz -44.85 dBm
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