FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Alpha Networks Inc.

iomega SP USB Adapter

Model Number	Brand Name
SPADPT08	iomega

FCC ID: RRK-SPADPT08

Prepared for : Alpha Networks Inc.
NO.8 Li-shing Rd. VII, Science-based Industrial Park,
Hsinchu,Taiwan.

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-F10265
Date of Test : Apr.04~Sep.10, 2010
Date of Report : Sep.14, 2010

TABLE OF CONTENTS

TEST REPORT CERTIFICATION

Applicant	:	Alpha Networks Inc.
Manufacturer	:	Alpha Networks Inc.
EUT Description	:	iomega SP USB Adapter
FCC ID	:	RRK-SPADPT08

(A) MODEL NO. : SPADPT08
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : DC 5V
(D) TEST VOLTAGE : DC 5V From PC Input AC 120V/60Hz

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 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 : Apr.04~ Sep.10, 2010 Report of date: Sep.14,2010

Prepared by : Celia Feng
Celia Feng / Assistant

Reviewer by : Jamy Yu
Jamy Yu / Supervisor

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 9/14/10

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.

Description of Test Item	Standard	Results
Power Line Conducted Emission	FCC Part 15: 15.207 ANSI C63.10: 2009	PASS
Radiated Emission	FCC Part 15: 15.209 ANSI C63.10: 2009	PASS
Band Edge Compliance	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Conducted spurious emissions	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
6dB Bandwidth	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Peak Output Power	FCC Part 15: 15.247 ANSI C63.10: 2009	PASS
Power Spectral Density	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	:	iomega SP USB Adapter
Trade Mark	:	iomega
Model Number	:	SPADPT08
FCC ID	:	RRK-SPADPT08
Operation Frequency	:	IEEE 802.11b: 2412MHz—2462MHz IEEE 802.11g: 2412MHz—2462MHz IEEE 802.11n HT20: 2412MHz—2462MHz IEEE 802.11n HT40: 2422MHz—2452MHz
Channel Number	:	IEEE 802.11b/g, IEEE 802.11n HT20: 11 Channels IEEE 802.11n HT40: 7Channels
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)
Antenna Assembly Gain	:	Integrated PCB MIMO 2X2 antenna; 0dBi Gain(maximum) Note: For IEEE802.11b/g Only antenna one was used.
Applicant	:	Alpha Networks Inc. NO.8 Li-shing Rd. VII, Science-based Industrial Park, Hsinchu, Taiwan.
Manufacturer	:	Alpha Networks Inc. NO.8 Li-shing Rd. VII, Science-based Industrial Park, Hsinchu, Taiwan.
Date of Test	:	Apr.04~Sep.10, 2010
Date of Receipt	:	Apr.03, 2010
Sample Type	:	Prototype production

2.2.Test Information

The test software “RT307xQA.exe” 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	2	Low :CH1	2412
	2	Middle: CH6	2437
	2	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
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test. Note: For 802.11n mode, all the radiated emissions and band edge test were performed with two antennas transmit synchronous.			

2.3.Data Rate vs Power

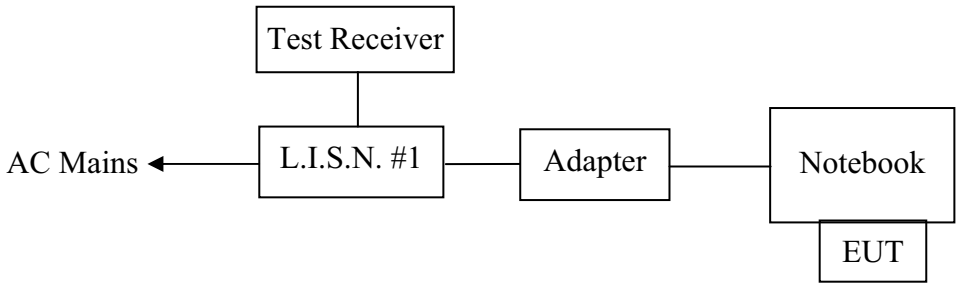
MYode	Data rate (Mbps)	CH	Chain 0 Level (dBm)	Chain 1 Level (dBm)	Total level (dBm)
11b	1	CH6	20.10	N/A	N/A
	2	CH6	20.33	N/A	N/A
	5.5	CH6	20.20	N/A	N/A
	11	CH1	20.11	N/A	N/A
11g	6	CH6	24.52	N/A	N/A
	9	CH6	24.43	N/A	N/A
	12	CH6	24.23	N/A	N/A
	18	CH6	23.90	N/A	N/A
	24	CH6	24.11	N/A	N/A
	36	CH6	24.03	N/A	N/A
	48	CH6	24.10	N/A	N/A
	54	CH6	24.21	N/A	N/A
11n HT20	6.5	CH6	25.45	24.89	28.19
	13	CH6	25.24	24.54	27.91
	19.5	CH6	25.11	24.39	27.78
	26	CH6	25.30	24.54	27.95
	39	CH6	24.89	24.11	27.53
	52	CH6	24.98	24.64	27.82
	58.5	CH6	24.90	24.33	27.63
	65	CH6	25.12	24.43	27.80
11n HT40	13.5	CH4	25.19	24.61	27.93
	27	CH4	24.78	24.34	27.58
	40.5	CH4	24.89	24.23	27.58
	54	CH4	25.03	24.20	27.65
	81	CH4	25.09	24.23	27.69
	108	CH4	24.77	24.10	27.46
	121.5	CH4	24.98	24.11	27.58
	135	CH4	24.78	24.13	27.48
	162	CH4	24.55	24.30	27.44
	216	CH4	24.78	24.22	27.52
	243	CH4	24.98	24.11	27.58
	270	CH4	24.87	24.34	27.62

2.4.Tested Supporting System Details

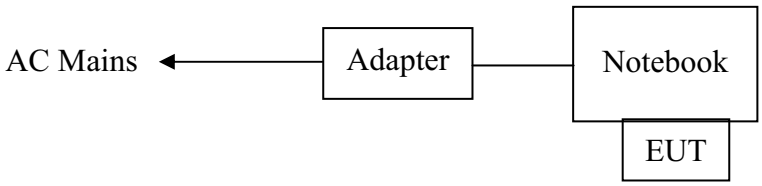
No.	Description	ACS No.	Manufacturer	Model	Serial Number	Approved type
1	Notebook	-	DELL	PP09S	N/A	☑FCC DoC ☑BSMI ID: R41108
		Power Cord: Unshielded, Detachabled, 1.8m Power Adapter: Manufacturer: DELL, M/N: LA65NS1-00 Cable: Unshielded, Detachabled, 4.0m(Bond one ferrite core)				

2.5.Block diagram of connection between the EUT and simulators

For power line conducted emissions test:



For all other test:



2.6.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
Apr. 01, 2010

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

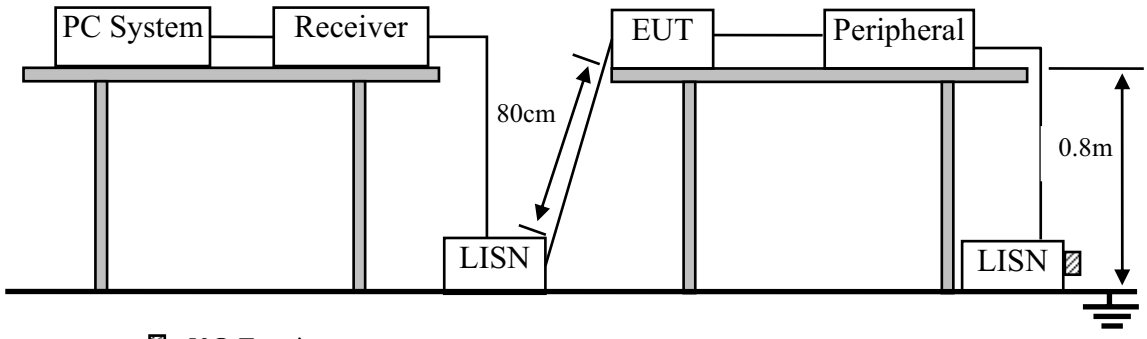
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.64 dB (9kHz to 150kHz
	3.22 dB(150kHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	4.20 dB (Polarize: V)
	4.66 dB (Polarize: H)
Uncertainty for Radiated Spurious Emission test in RF chamber	2.70 dB(Bilog 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	Dec.18, 09	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	Mar.30, 10	1 Year
3.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 10	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 2	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.	Passive Probe	Rohde & Schwarz	ESH2-Z3	299.7810.52	May.08, 10	1 Year
8.	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. iomega SP USB Adapter (EUT)

Model Number : SPADPT08
Serial Number : N/A

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

3.5.Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 2.4.

3.5.2. Turned on the power of all equipment.

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

3.6.Test Procedure

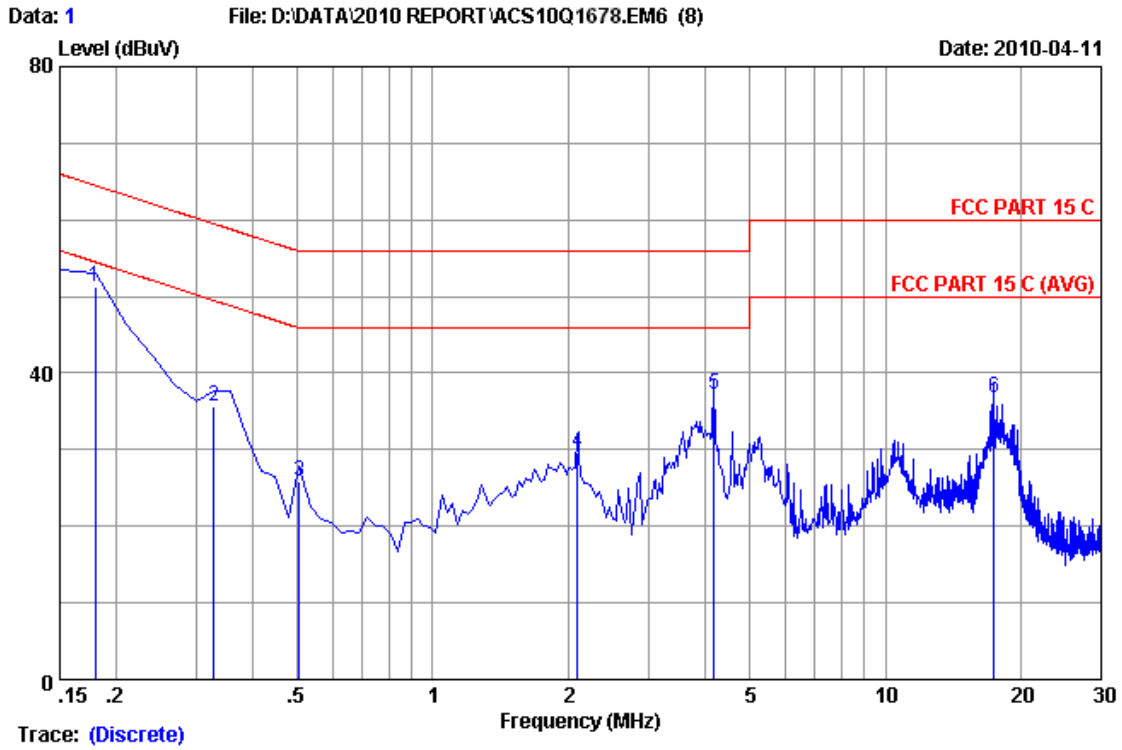
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via Notebook connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs).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

3.7.Power Line Conducted Emission Test Results

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

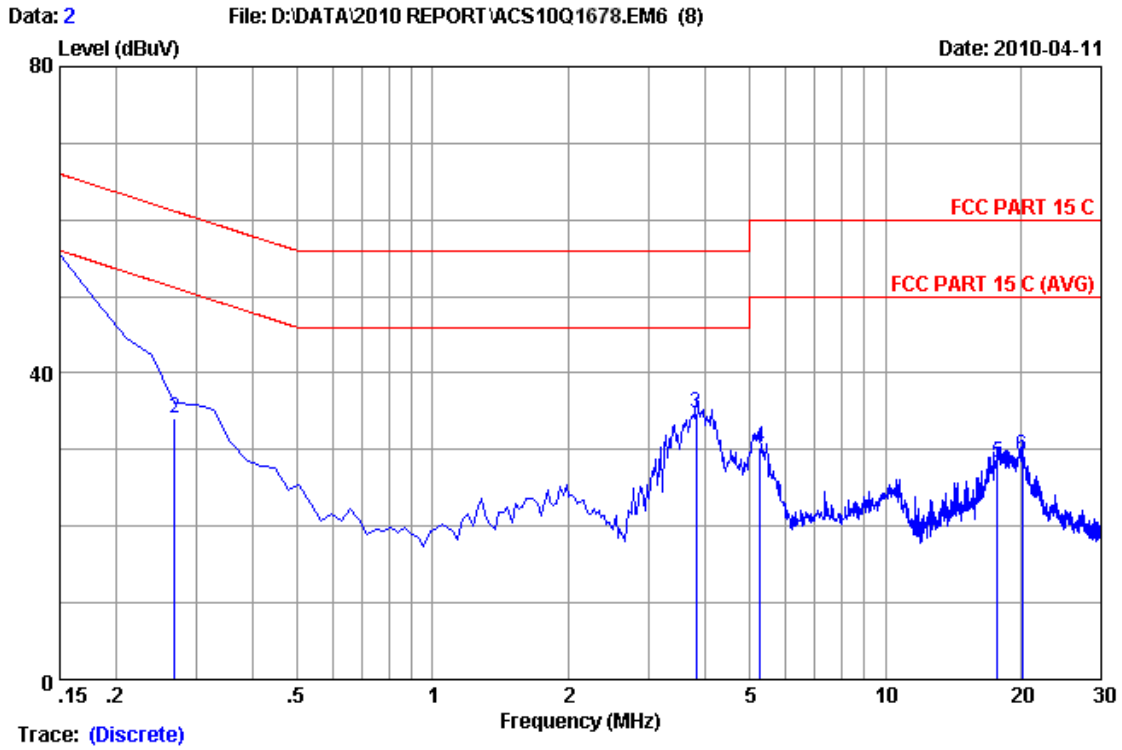


Trace: (Discrete)

Site no :Audix No.1 Conduction Data no :1
Dis./Ant. :** 2009 ESH2-Z5 LINE
Limit :FCC PART 15 C
Env./Ins. :Temp:23'C Humi:54% Engineer :Leo-Li
EUT :iomega SP USB ADAPTOR M/N:SPADPT08
Power Rating :DC 5V From PC 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	0.17985	0.19	9.88	41.08	51.15	64.49	13.34	QP
2	0.32910	0.18	9.89	25.56	35.63	59.47	23.84	QP
3	0.50820	0.18	9.89	15.76	25.83	56.00	30.17	QP
4	2.090	0.21	9.90	19.45	29.56	56.00	26.44	QP
5	4.180	0.28	9.91	27.07	37.26	56.00	18.74	QP
6	17.373	0.52	9.99	26.20	36.71	60.00	23.29	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.



Trace: (Discrete)

Site no : Audix No.1 Conduction — Data no : 2
Dis./Ant. : ** 2009 ESH2-Z5 NEUTRAL
Limit : FCC PART 15 C
Env./Ins. : Temp:23'C Humi:54% — Engineer : Leo-Li
EUT : iomega SP USB ADAPTOR M/N:SPADPT08
Power Rating : DC 5V From PC 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	0.20	9.88	41.35	51.43	66.00	14.57	QP
2	0.26940	0.20	9.88	23.95	34.03	61.14	27.11	QP
3	3.822	0.27	9.91	24.57	34.75	56.00	21.25	QP
4	5.284	0.28	9.91	20.09	30.28	60.00	29.72	QP
5	17.702	0.39	10.00	18.01	28.40	60.00	31.60	QP
6	20.090	0.42	10.01	18.72	29.15	60.00	30.85	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

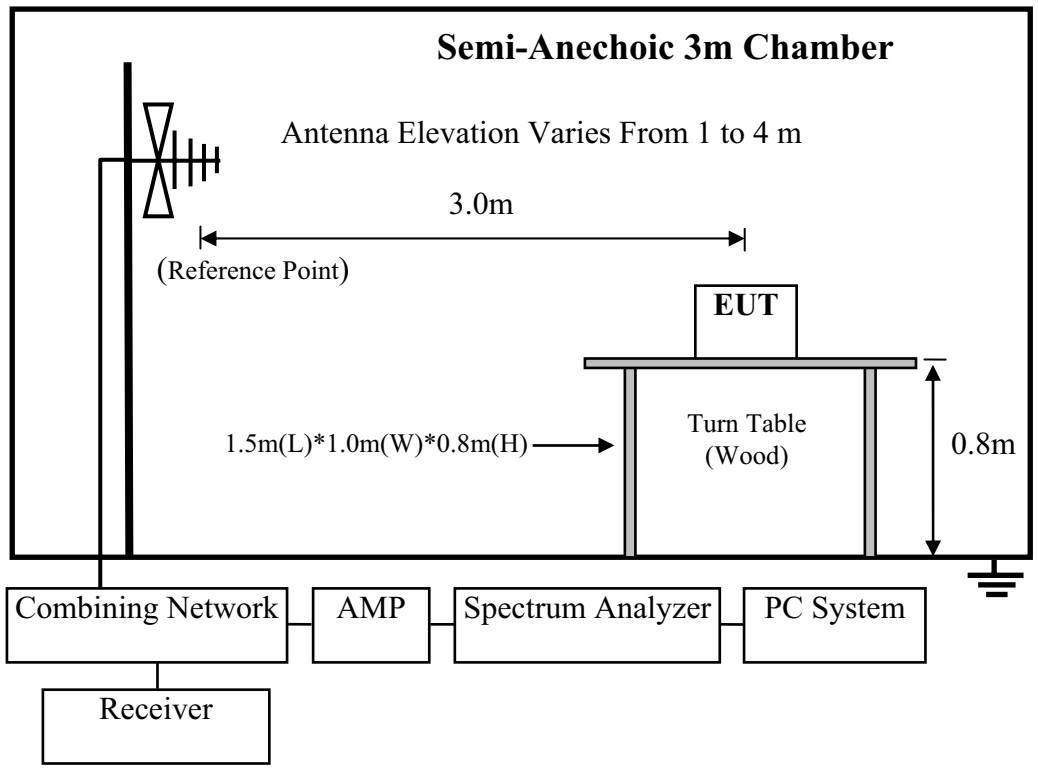
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Dec.05,09	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 10	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 10	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 10	1 Year
5	Bilog Antenna	Schaffner	CBL6111C	2598	Dec.14, 09	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 rang: above 1000MHz

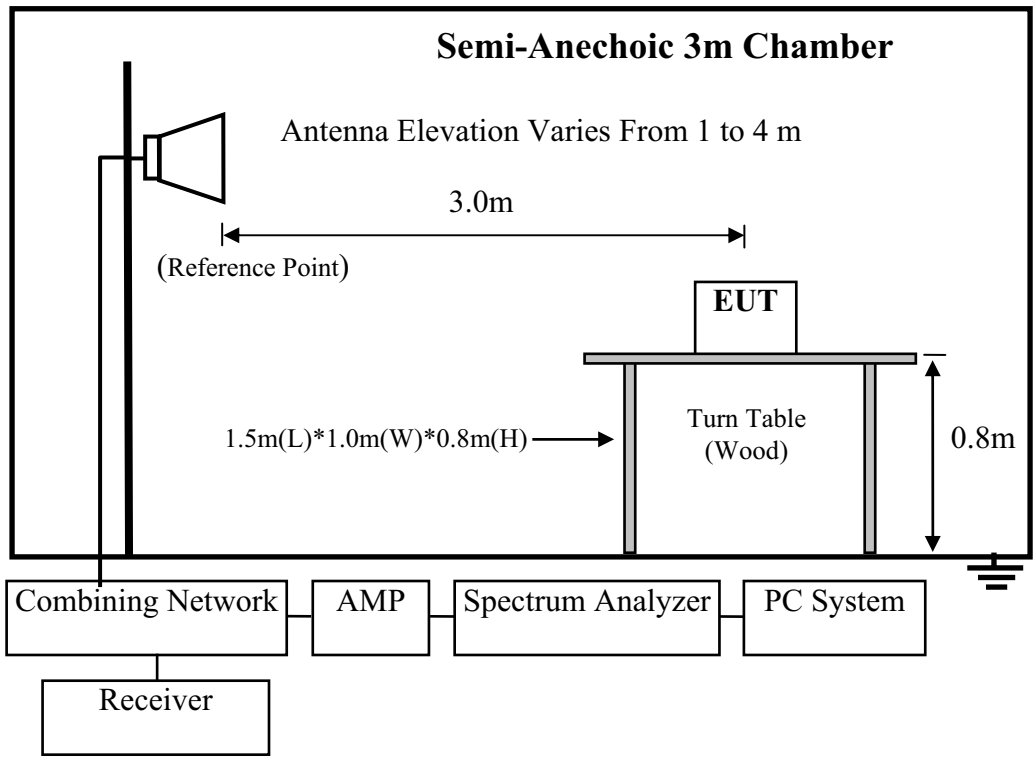
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 10	1 Year
2	Horn Antenna	EMCO	3115	9607-4877	Nov.25, 09	1.5 Year
3	Horn Antenna	EMCO	3116	00060089	Nov.25, 09	1.5 Year
4	Amplifier	Agilent	8449B	3008A00863	May.08, 10	1 Year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



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 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. iomega SP USB Adapter (EUT)

Model Number : SPADPT08
Serial Number : N/A

4.4.2. Support Equipment : As Tested Supporting System Details, in Section 2.3.

4.5.Operating Condition of EUT

4.5.1. Setup the EUT and simulator as shown as Section 2.4.

4.5.2. Turned on the power of all equipment.

4.5.3. Notebook run test software to control EUT work in test 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 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.

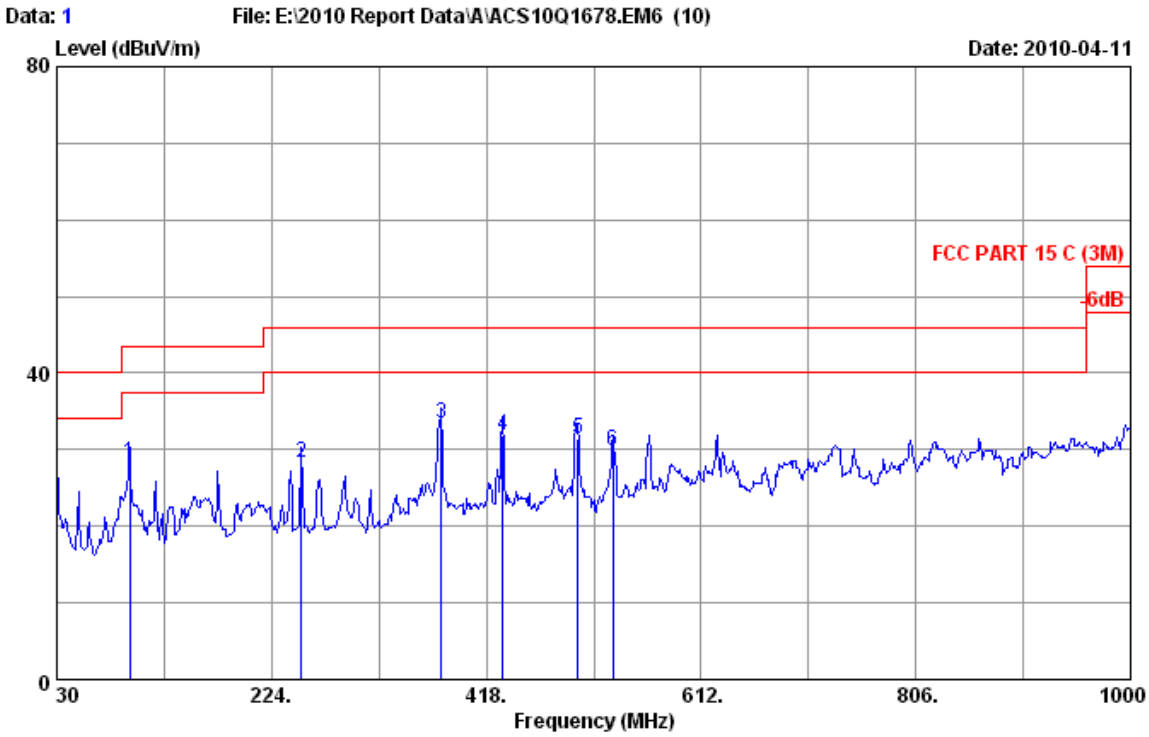
4.7.Radiated Emission Test Results

PASS.

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

Note: For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

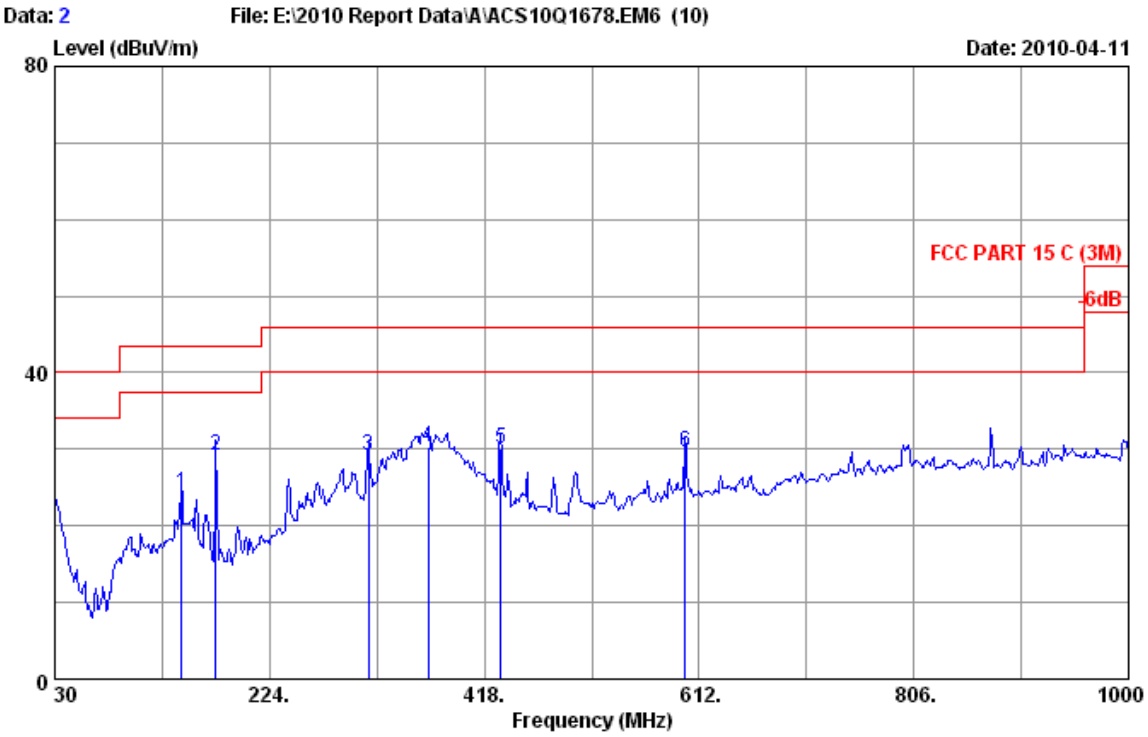
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m CBL6111C Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56% Engineer : Leo-Li
EUT : iomega SP USB ADAPTOR
Power rating : DC 5V From PC input AC 120V/60Hz
Test Mode : Tx Mode
: SPADPT08

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	95.960	9.74	0.88	17.73	28.35	43.50	15.15	QP
2	251.160	12.75	1.64	13.83	28.22	46.00	17.78	QP
3	377.260	15.57	1.88	15.96	33.41	46.00	12.59	QP
4	432.550	16.90	2.03	12.86	31.79	46.00	14.21	QP
5	500.450	18.04	2.25	11.22	31.51	46.00	14.49	QP
6	532.460	18.25	2.33	9.38	29.96	46.00	16.04	QP

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

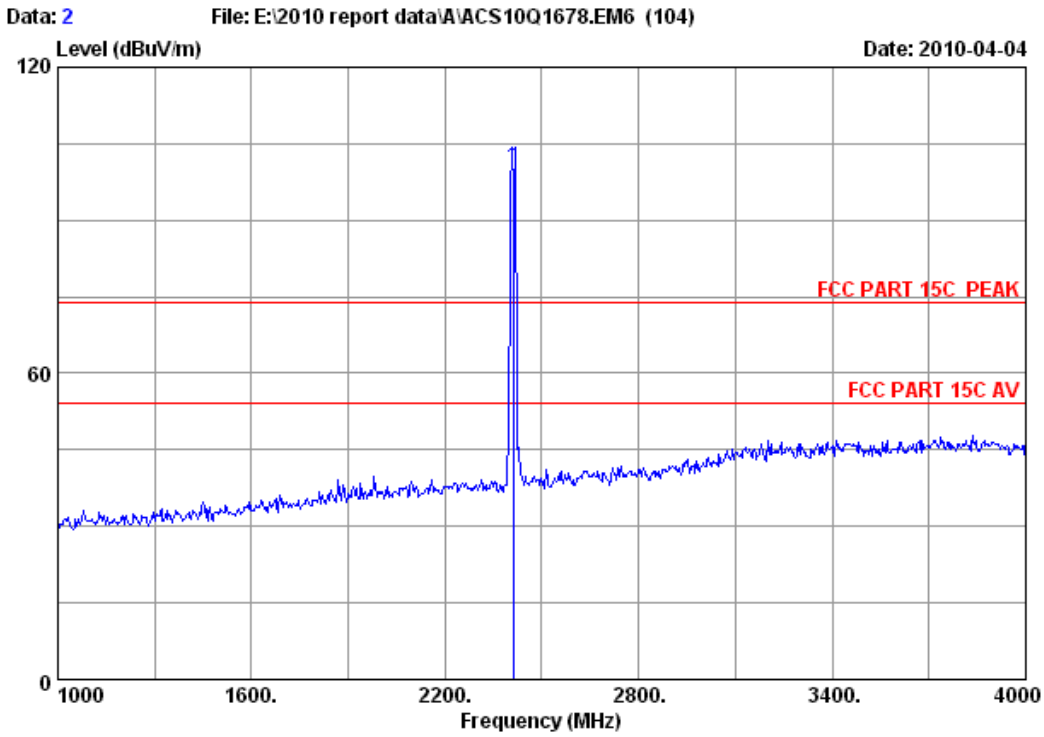



```
Site no.      : 3m Chamber                 Data no.   : 2
Dis. / Ant.   : 3m   CBL6111C               Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15 C (3M)
Env. / Ins.   : 24*C/56%                    Engineer   : Leo-Li
EUT           : iomega SP USB ADAPTOR
Power rating  : DC 5V From PC input AC 120V/60Hz
Test Mode     : Tx Mode
              : SPADPT08
```

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	144.460	11.78	1.07	11.53	24.38	43.50	19.12	QP
2	175.500	9.64	1.20	18.39	29.23	43.50	14.27	QP
3	313.240	13.80	1.76	13.66	29.22	46.00	16.78	QP
4	367.560	15.41	1.87	13.01	30.29	46.00	15.71	QP
5	432.550	16.90	2.03	11.10	30.03	46.00	15.97	QP
6	599.390	19.47	2.49	7.76	29.72	46.00	16.28	QP

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

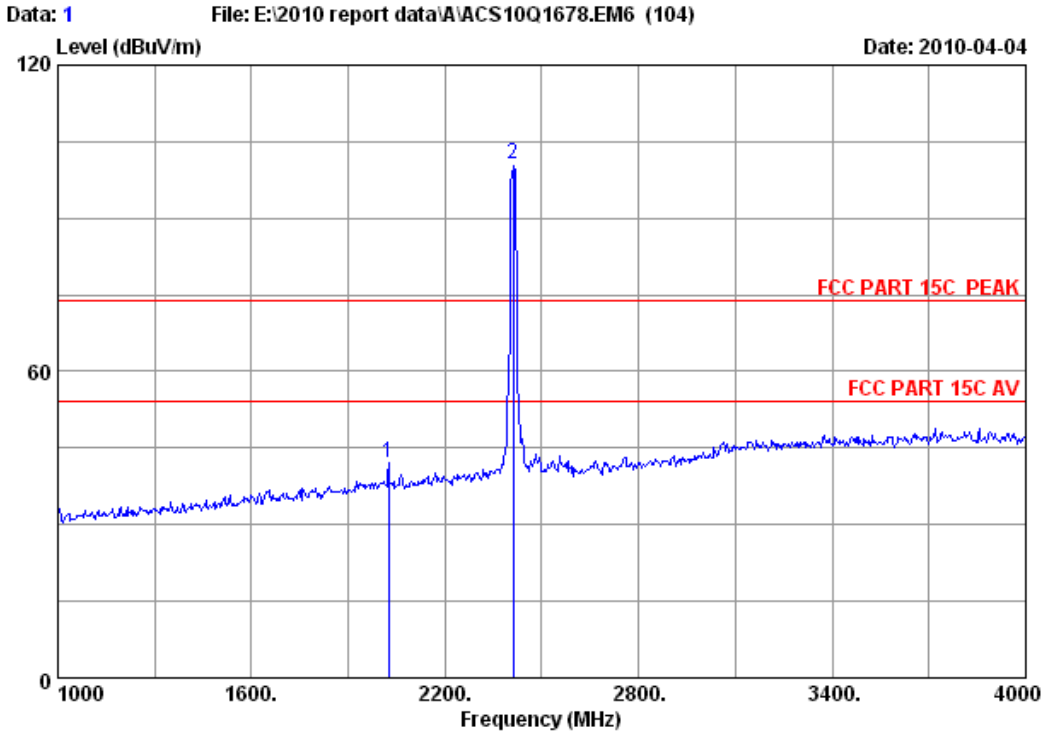
Frequency:1GHz~8GHz



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	8.72	35.95	98.22	100.44	74.00	-26.44	Peak

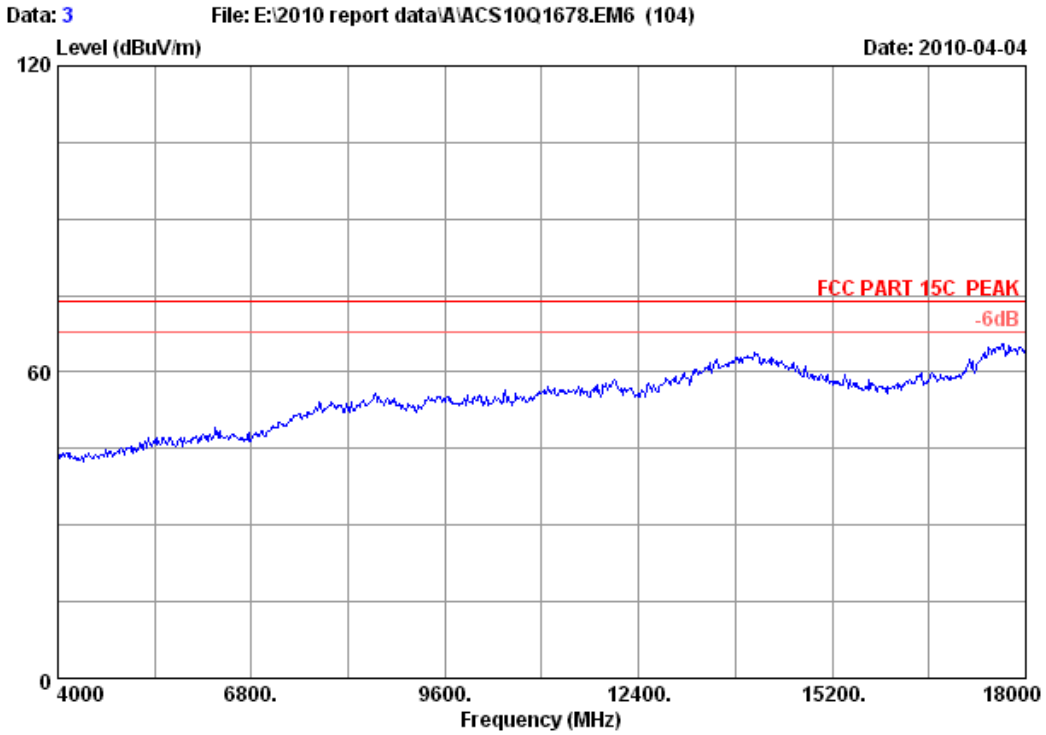
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



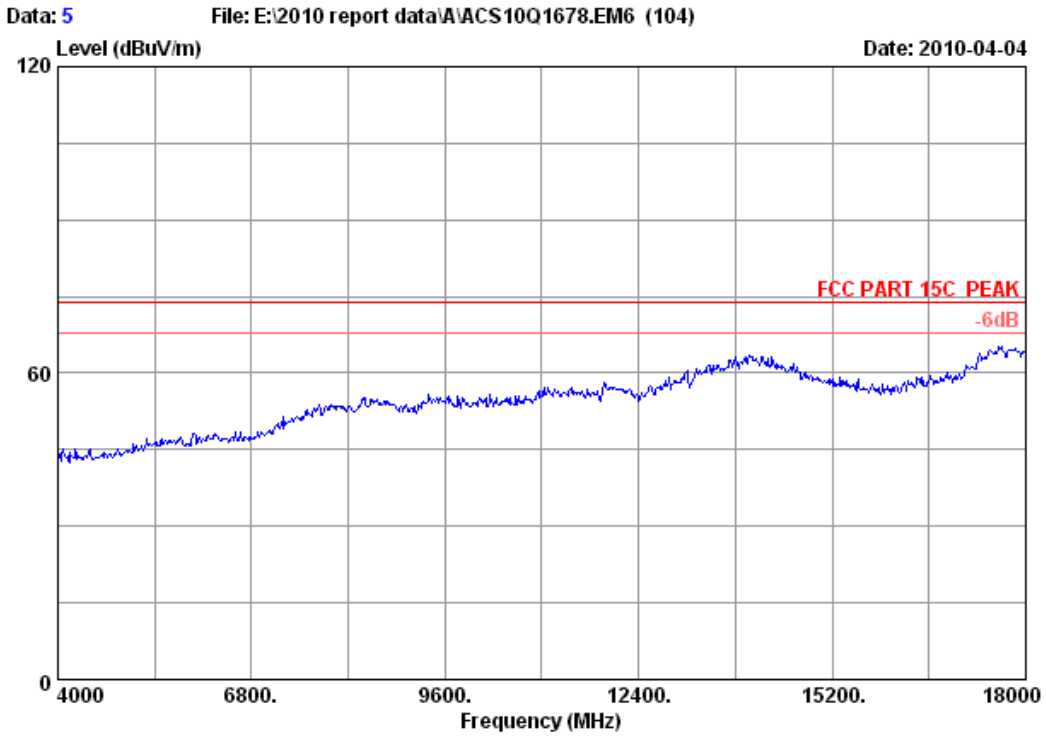
Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2026.000	29.21	7.97	36.12	41.07	42.13	74.00	31.87	Peak
2	2412.000	29.45	8.72	35.95	98.24	100.46	74.00	-26.46	Peak

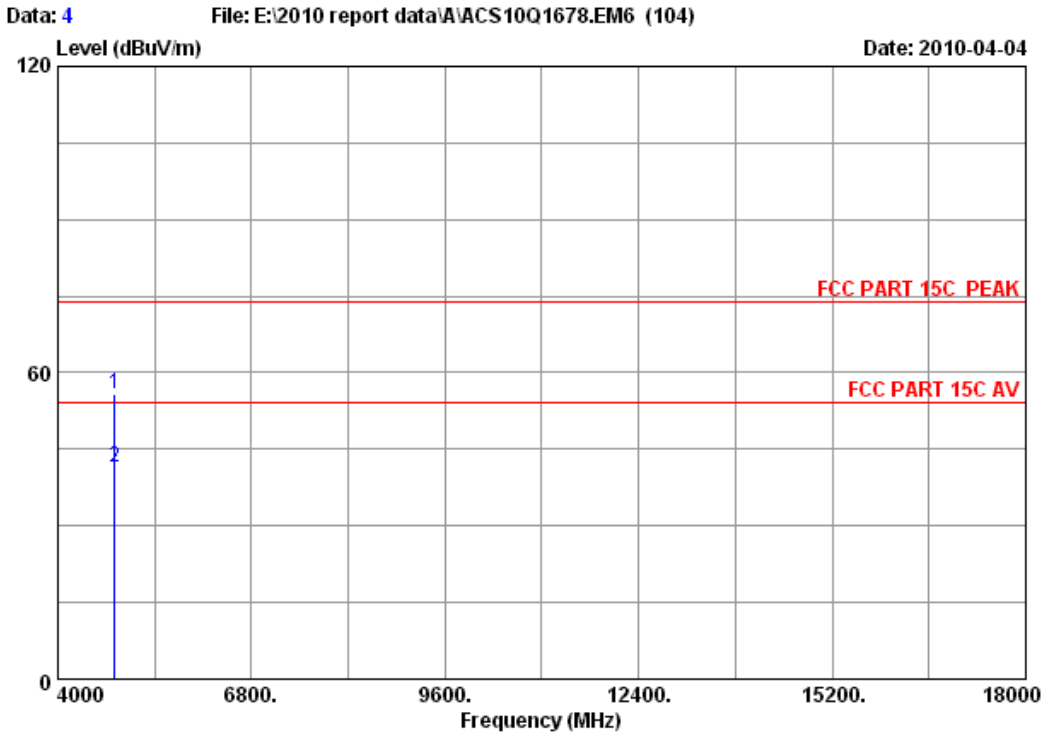
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
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   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11b  CH1 2412MHz   Tx Mode
M/N           : SPADPT08
```



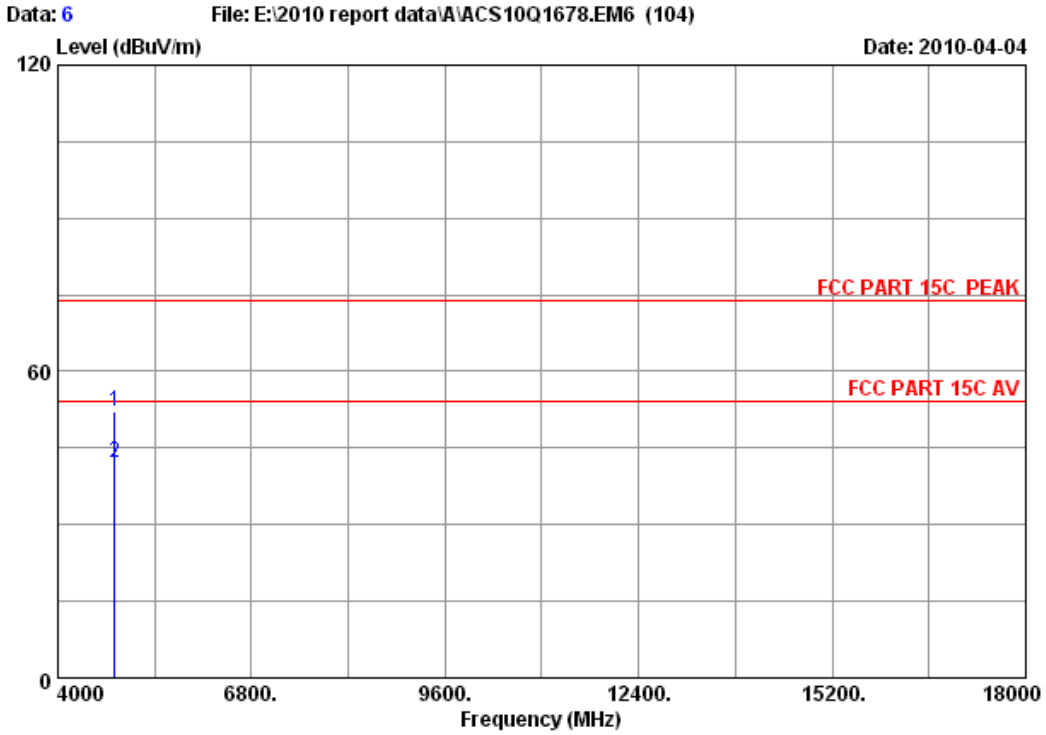

```
Site no.      : 3m Chamber                Data no.   : 5
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11b  CH1 2412MHz   Tx Mode
M/N           : SPADPT08
```



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	44.51	55.96	74.00	18.04	Peak
2	4824.000	34.32	12.38	35.25	30.00	41.45	54.00	12.55	Average

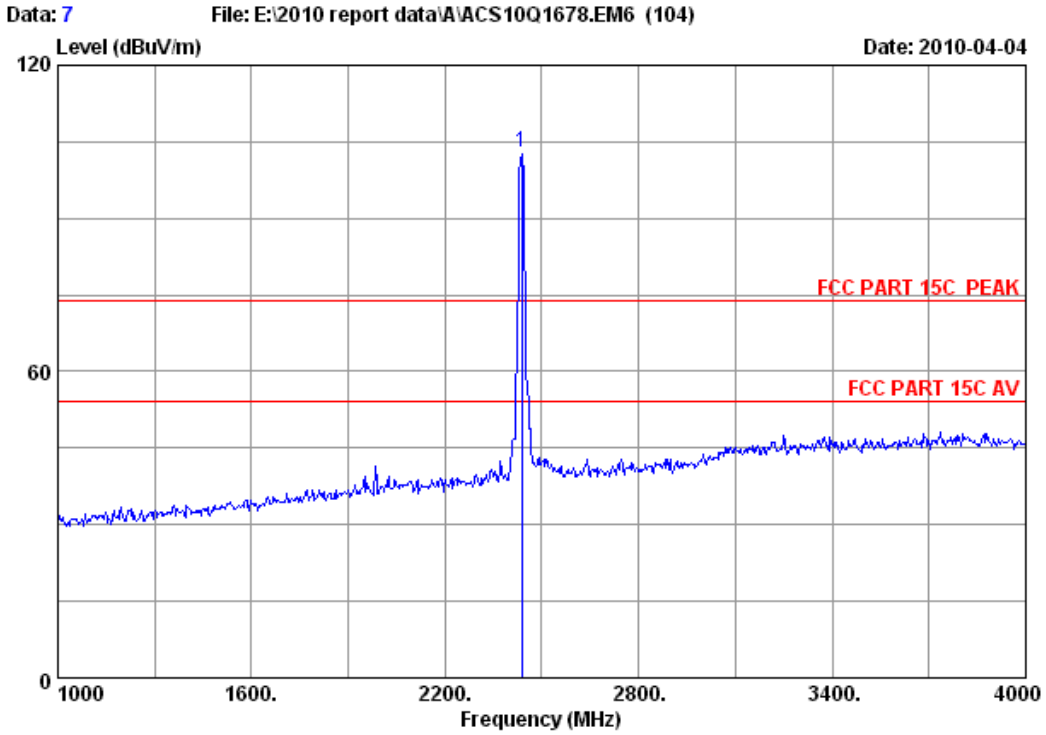
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	40.66	52.11	74.00	21.89	Peak
2	4824.000	34.32	12.38	35.25	30.68	42.13	54.00	11.87	Average

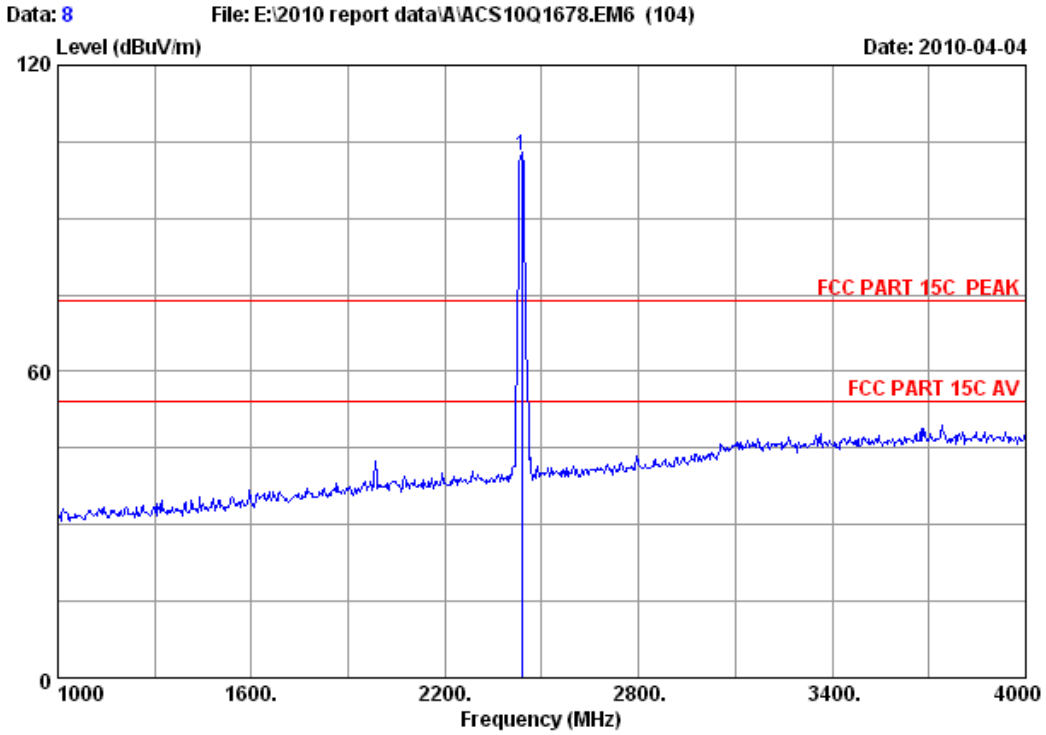
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	100.61	102.79	74.00	-28.79	Peak

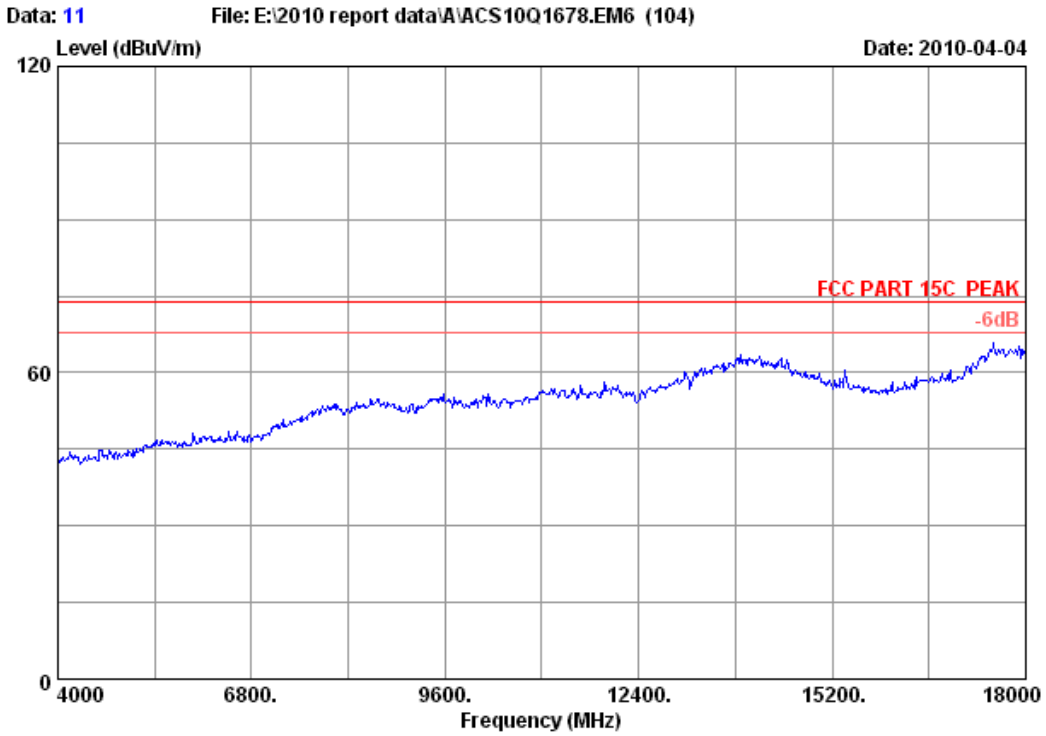
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



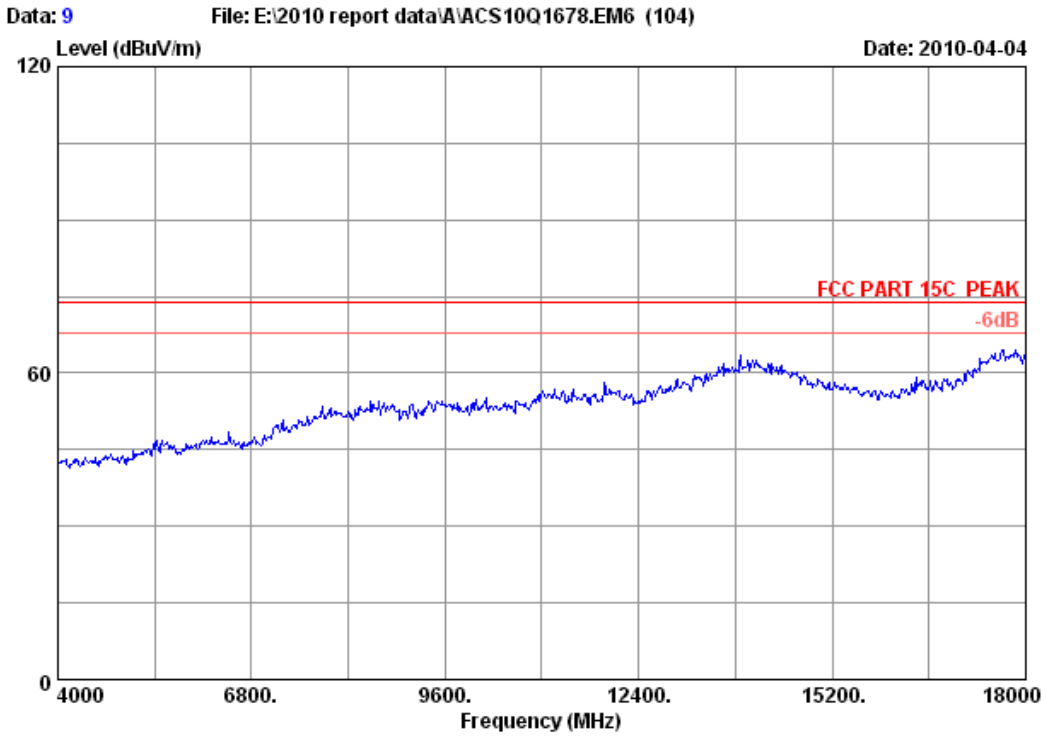
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	100.23	102.41	74.00	-28.41	Peak

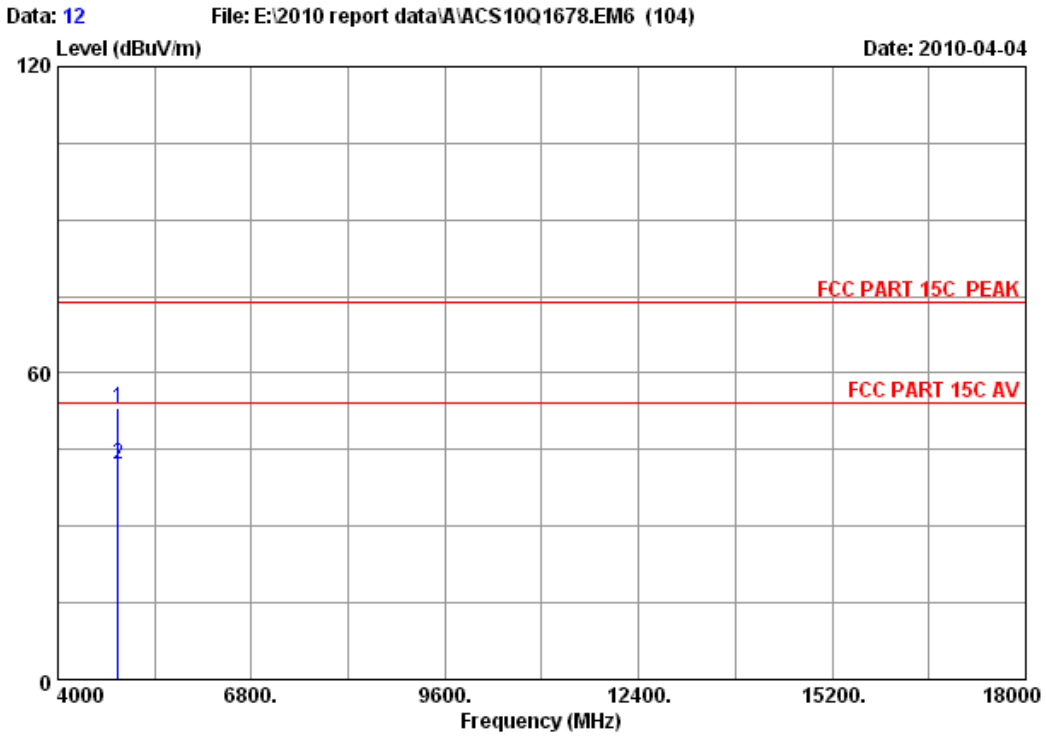
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 11
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11b  CH6 2437MHz   Tx Mode
M/N           : SPADPT08
```



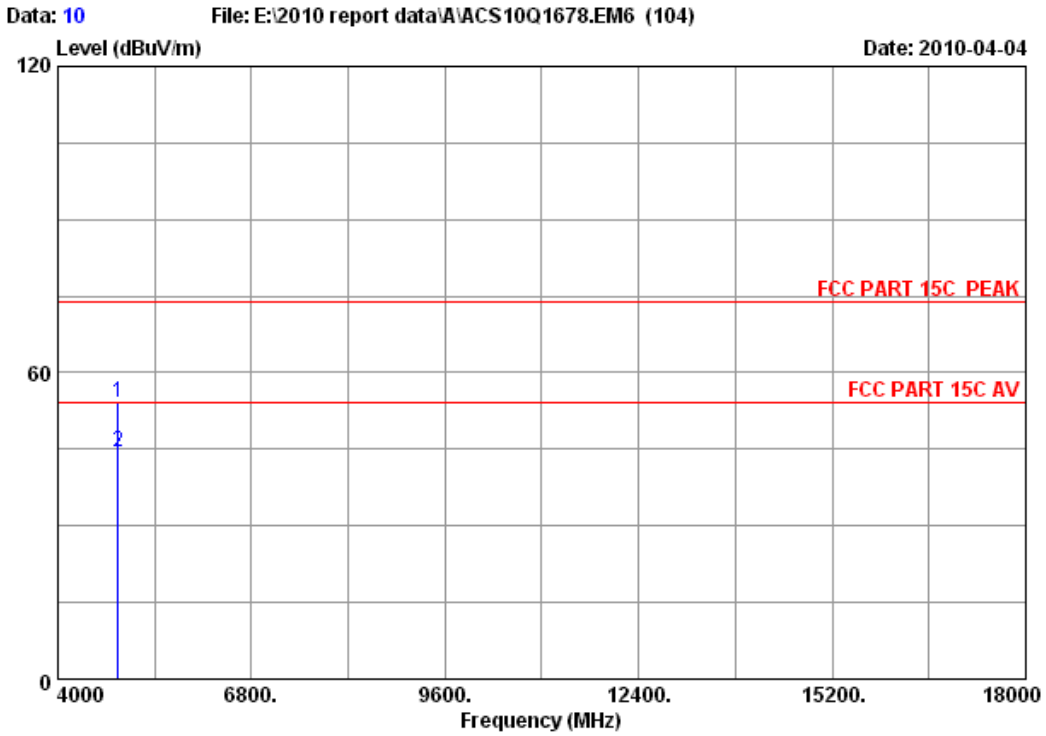

```
Site no.      : 3m Chamber                Data no.   : 9
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11b  CH6 2437MHz   Tx Mode
M/N           : SPADPT08
```



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	41.78	53.27	74.00	20.73	Peak
2	4874.000	34.41	12.44	35.36	30.61	42.10	54.00	11.90	Average

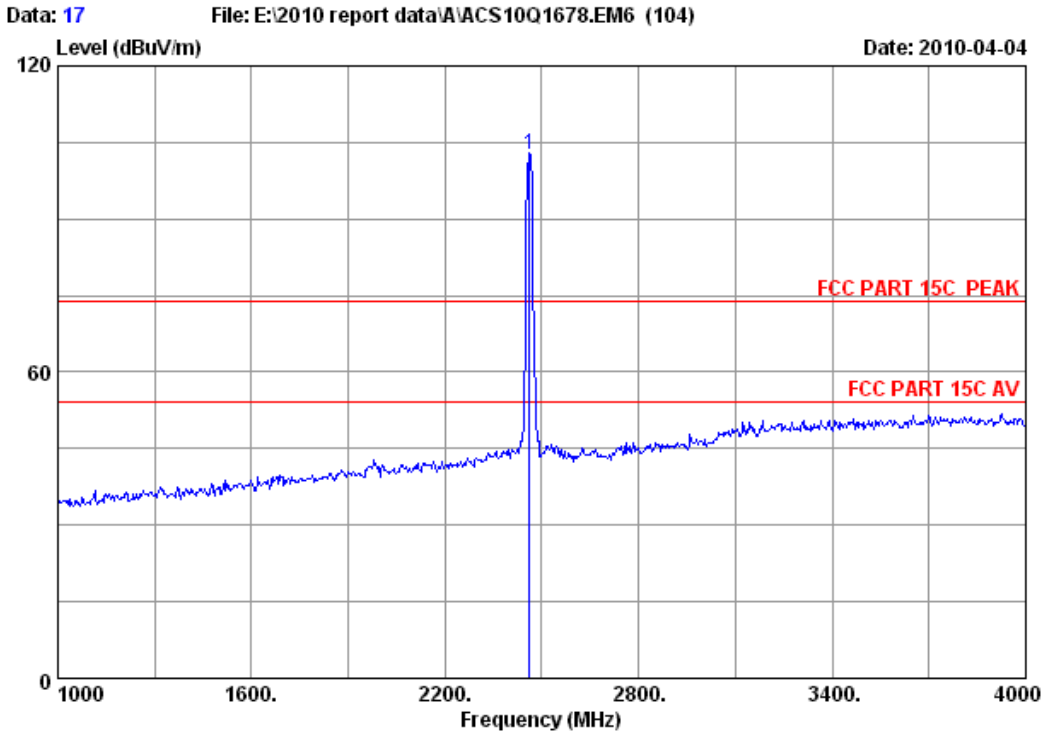
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	42.72	54.21	74.00	19.79	Peak
2	4874.000	34.41	12.44	35.36	32.92	44.41	54.00	9.59	Average

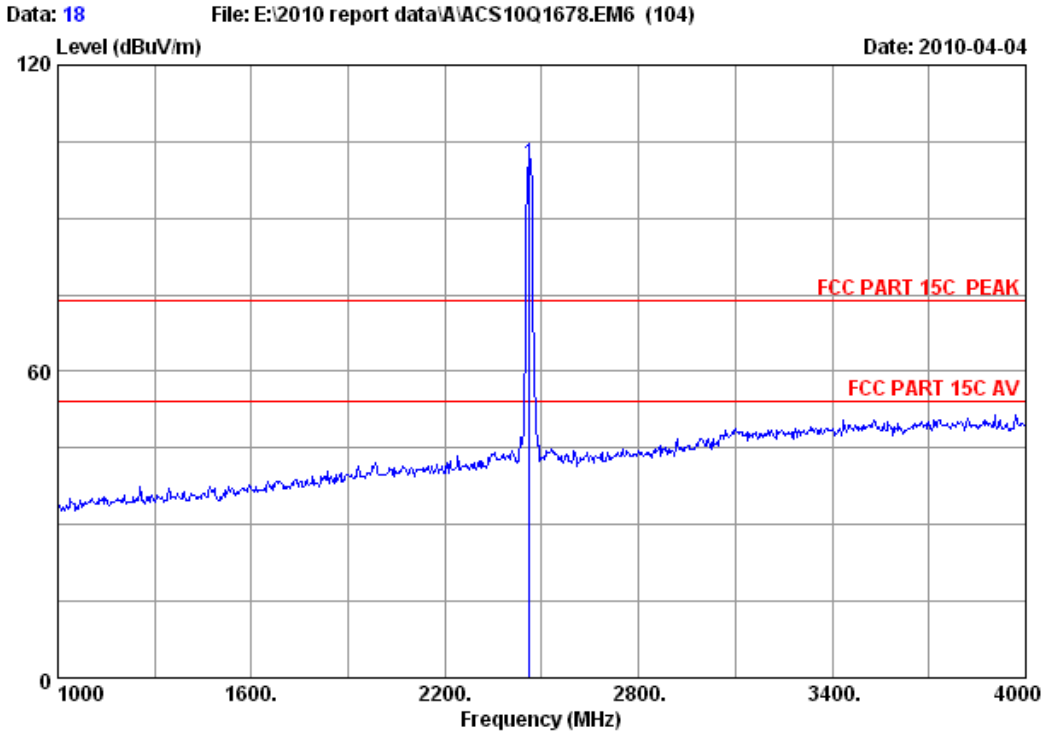
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.02	100.36	102.64	74.00	-28.64	Peak

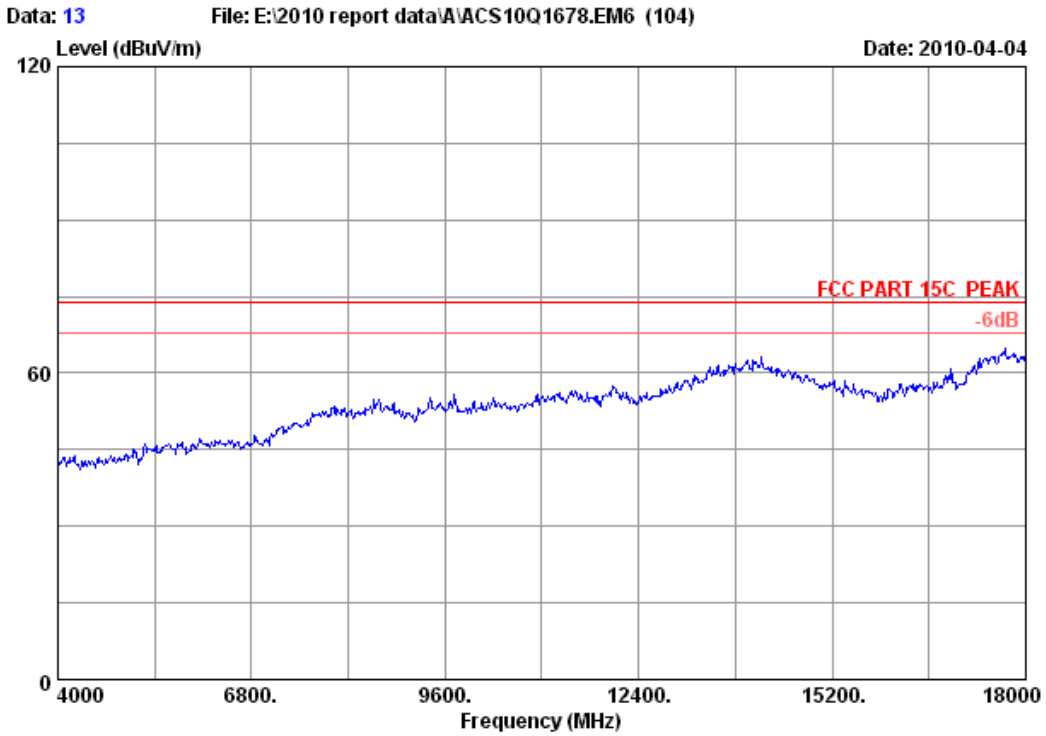
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



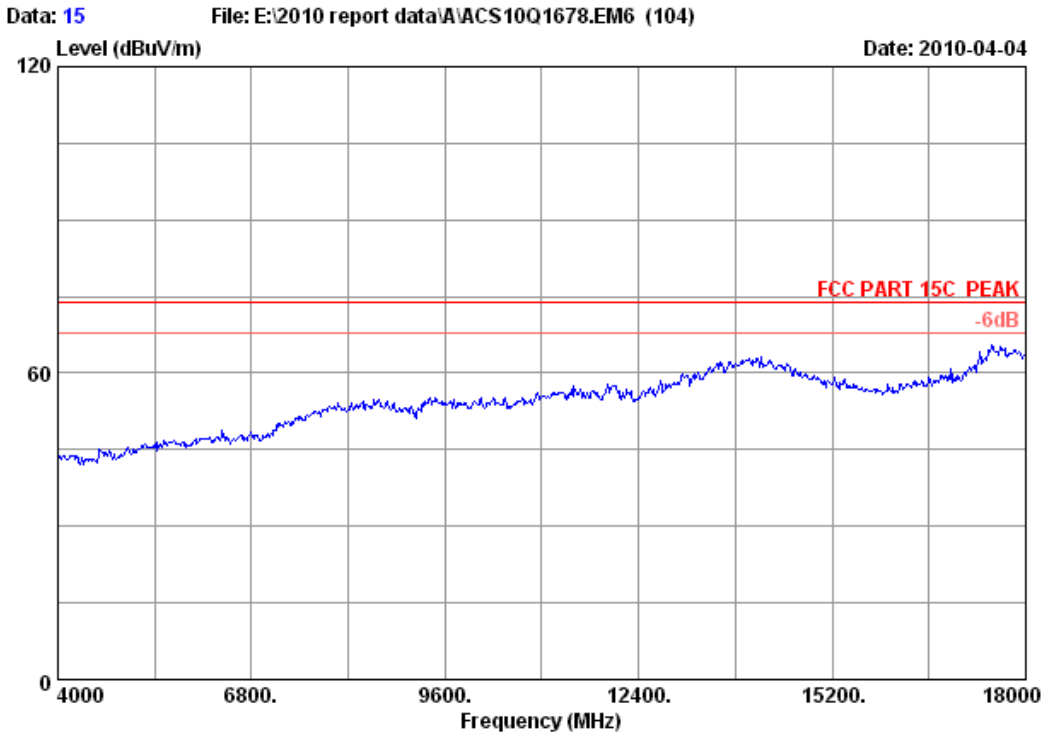
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.02	98.23	100.51	74.00	-26.51	Peak

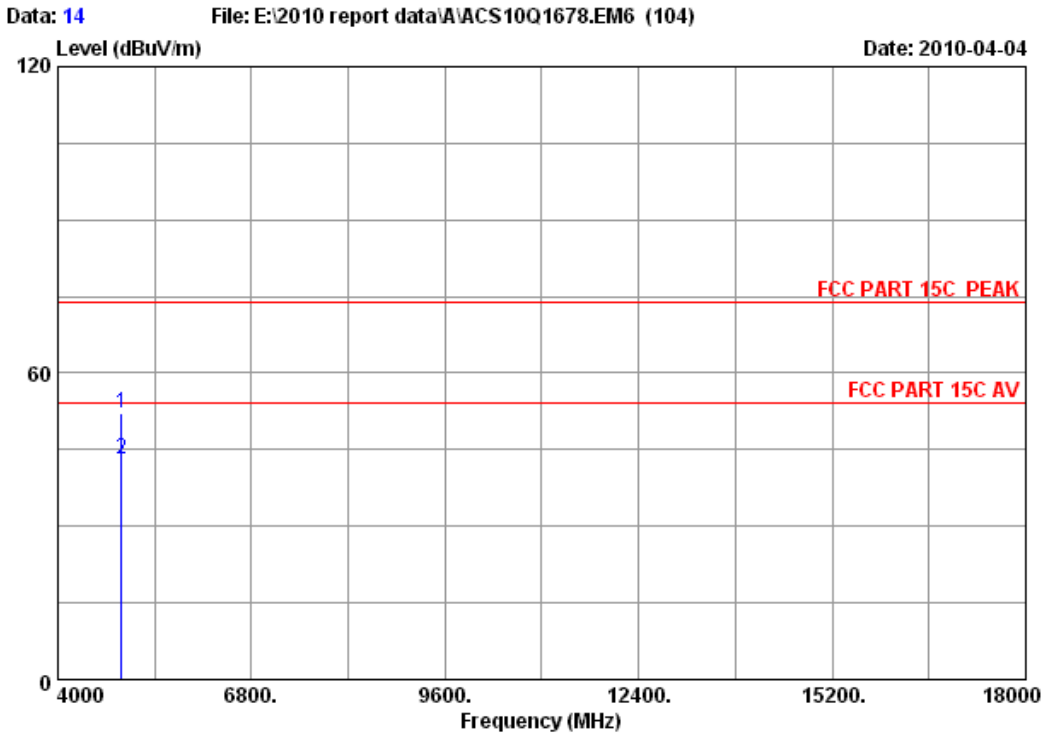
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
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   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11b  CH11 2462MHz   Tx Mode
M/N           : SPADPT08
```



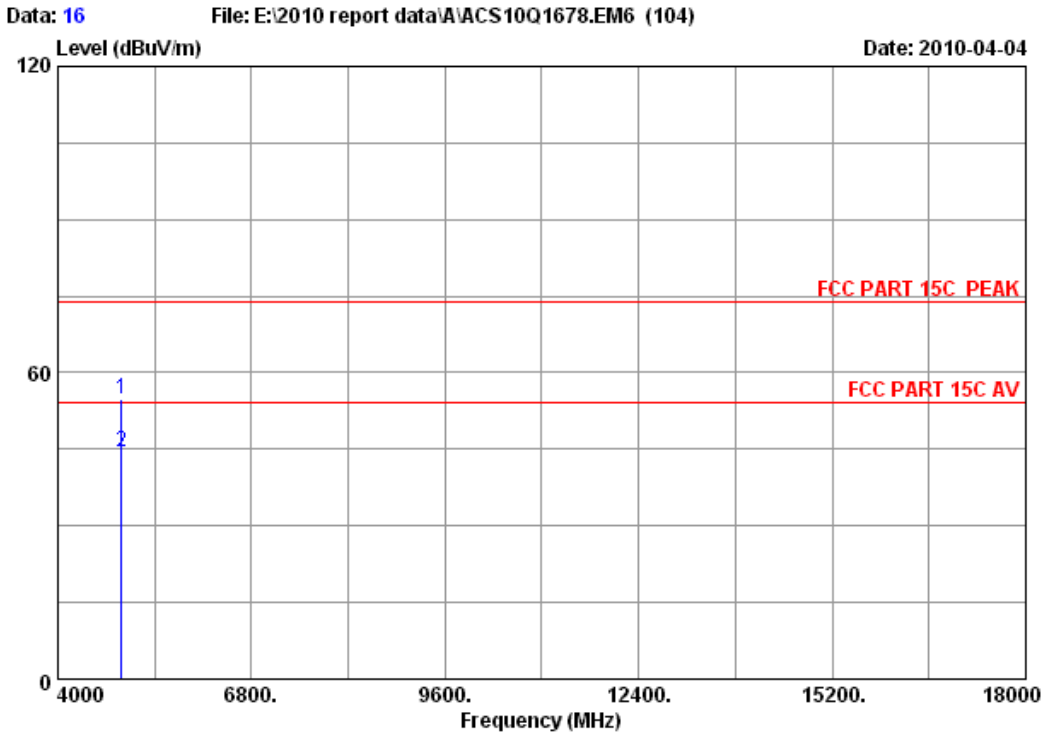

```
Site no.      : 3m Chamber                Data no.   : 15
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11b  CH11 2462MHz   Tx Mode
M/N           : SPADPT08
```



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	12.50	35.34	40.38	52.03	74.00	21.97	Peak
2	4924.000	34.49	12.50	35.34	31.48	43.13	54.00	10.87	Average

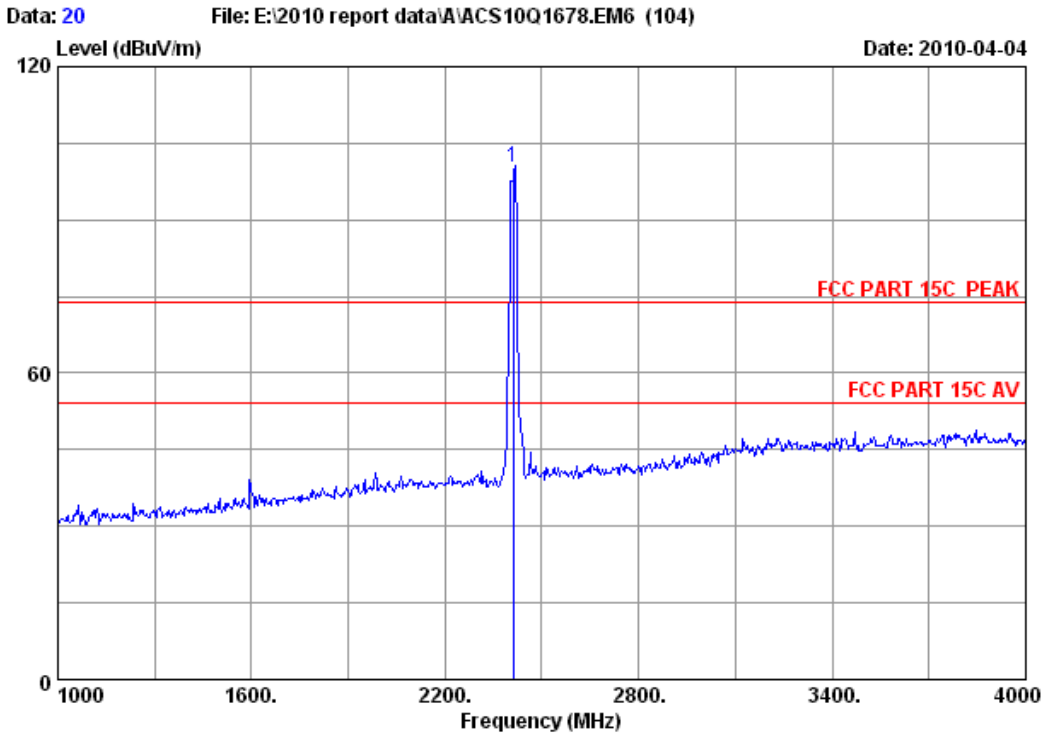
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	12.50	35.34	43.25	54.90	74.00	19.10	Peak
2	4924.000	34.49	12.50	35.34	32.84	44.49	54.00	9.51	Average

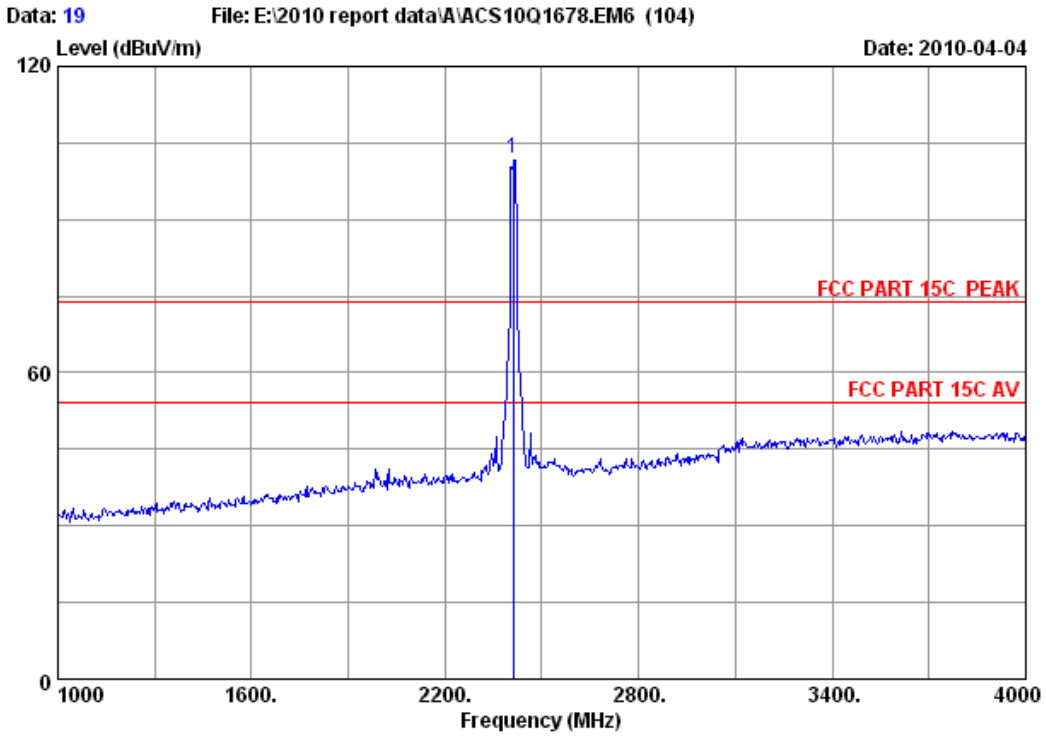
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	8.72	35.95	98.11	100.33	74.00	-26.33	Peak

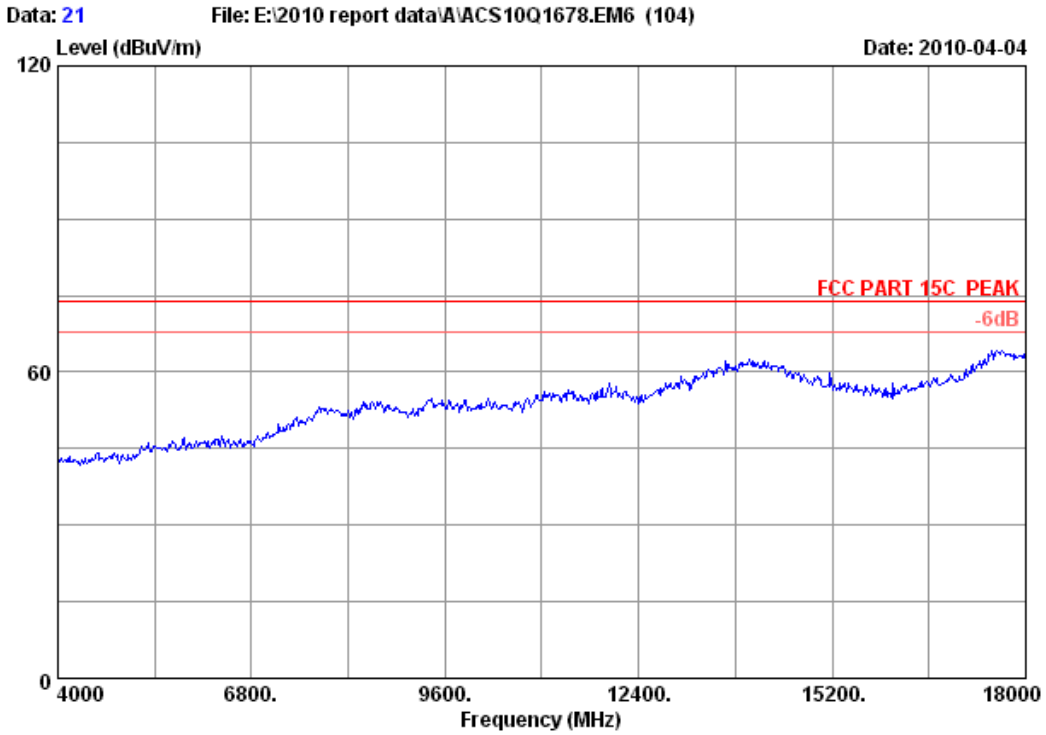
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



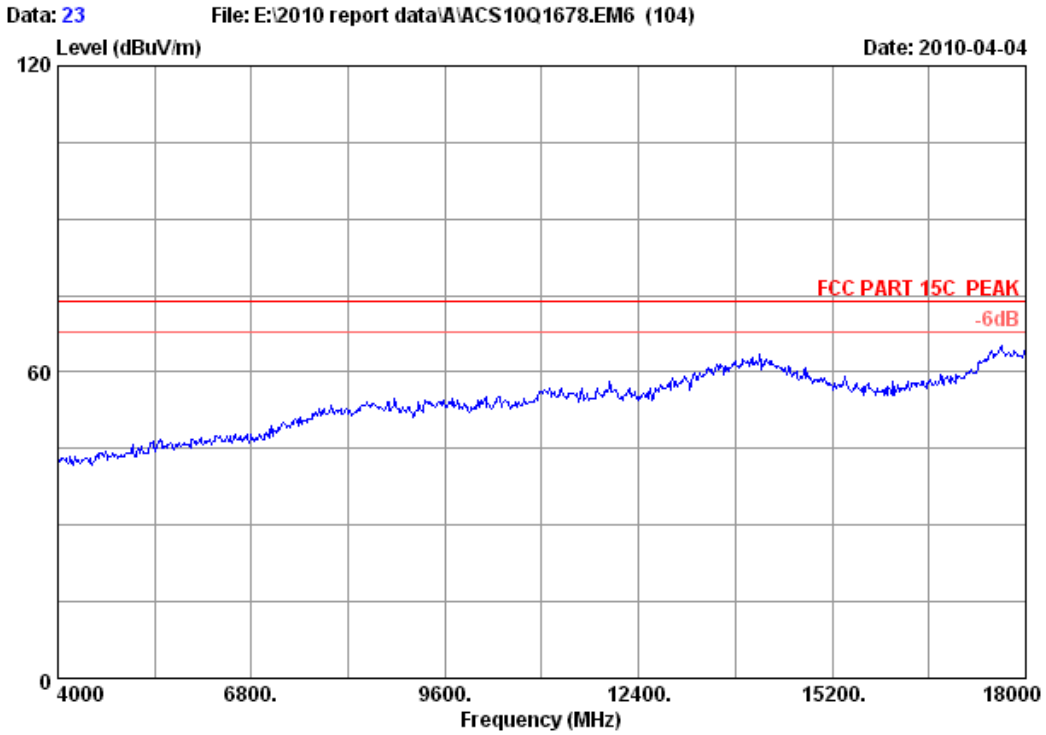
Site no. : 3m Chamber Data no. : 19
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	8.72	35.95	99.68	101.90	74.00	-27.90	Peak

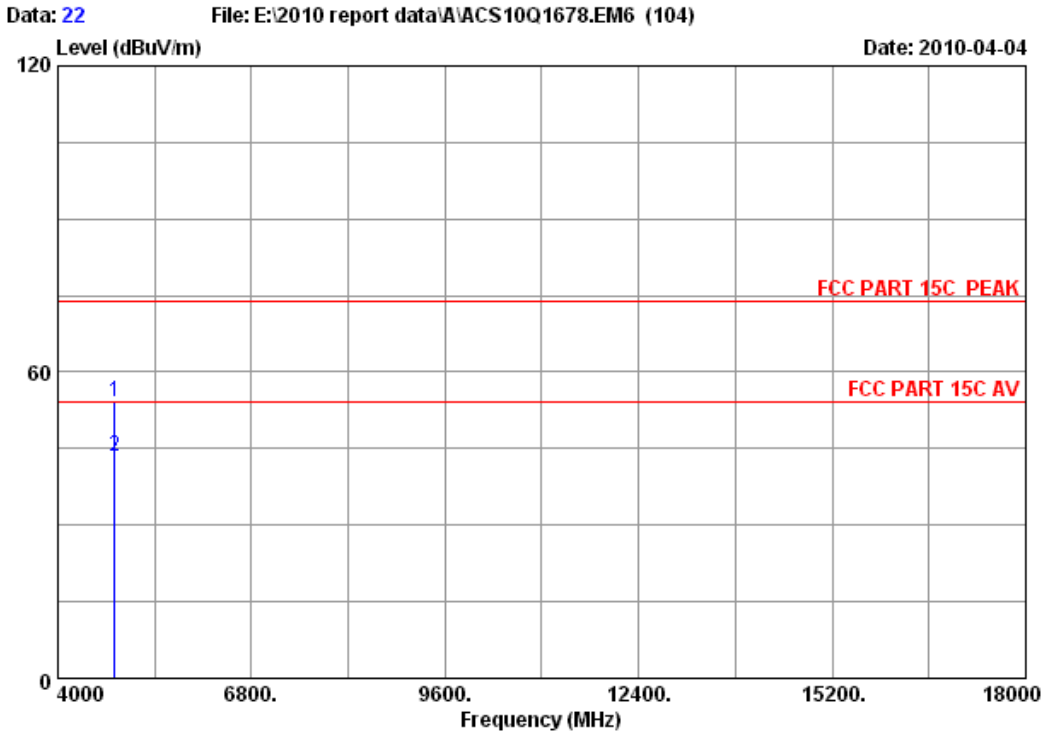
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 21
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11g  CH1 2412MHz   Tx Mode
M/N           : SPADPT08
```



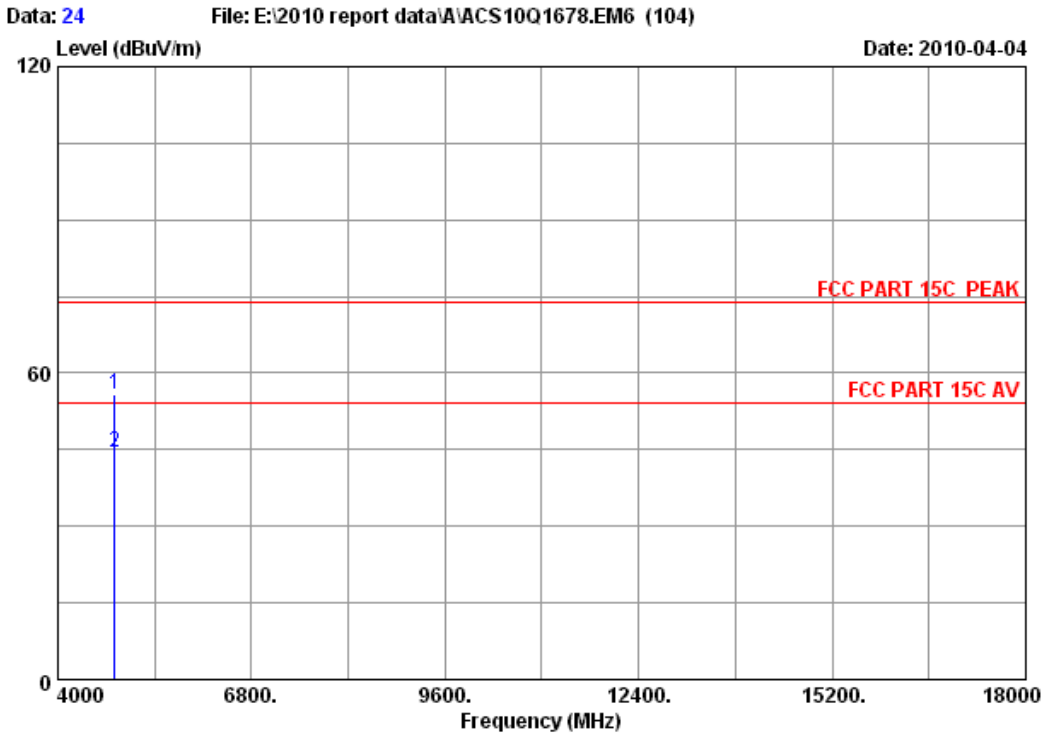

```
Site no.      : 3m Chamber                Data no.   : 23
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11g  CH1 2412MHz   Tx Mode
M/N           : SPADPT08
```



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	42.63	54.08	74.00	19.92	Peak
2	4824.000	34.32	12.38	35.25	31.98	43.43	54.00	10.57	Average

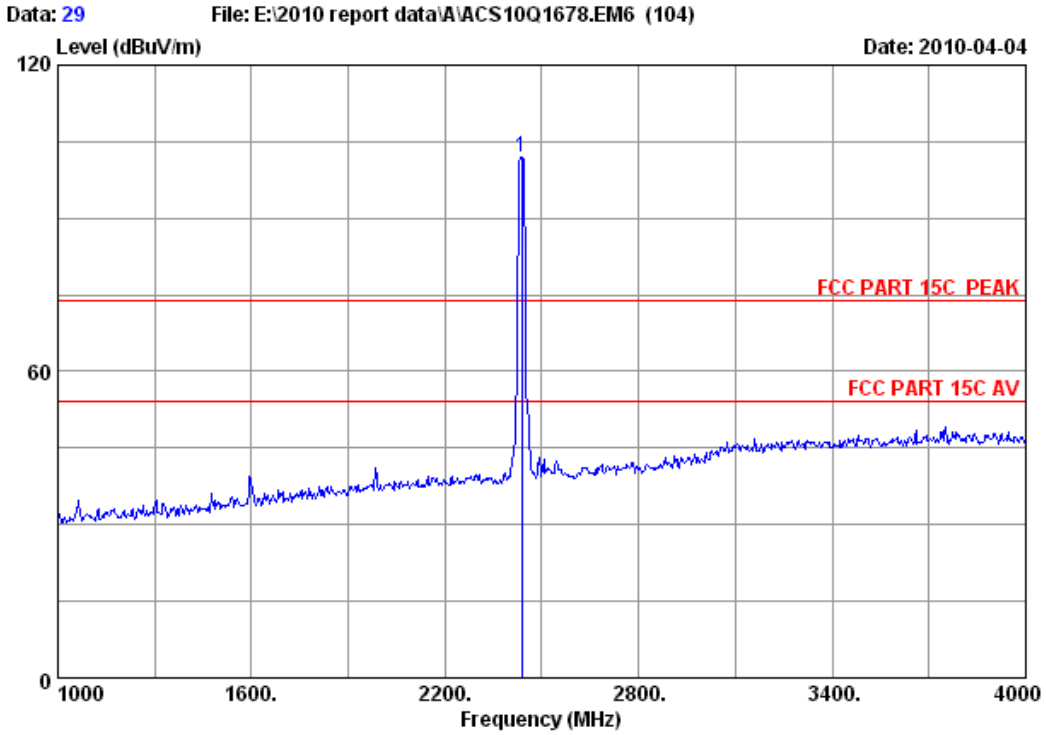
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	44.24	55.69	74.00	18.31	Peak
2	4824.000	34.32	12.38	35.25	32.86	44.31	54.00	9.69	Average

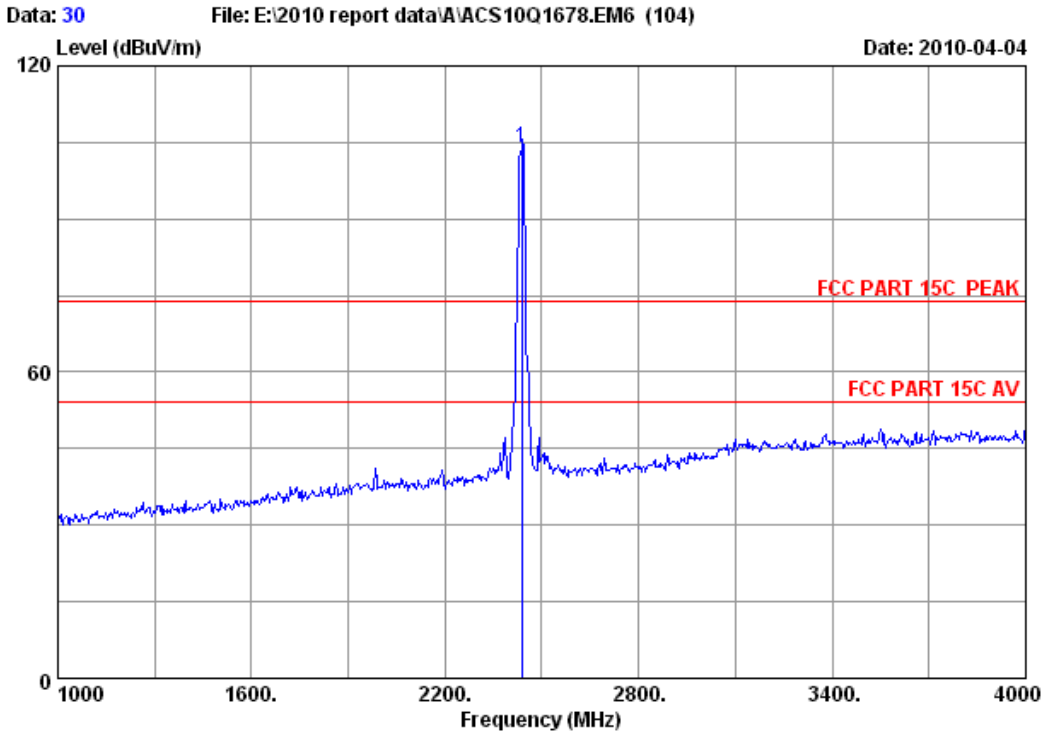
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 29
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	99.85	102.03	74.00	-28.03	Peak

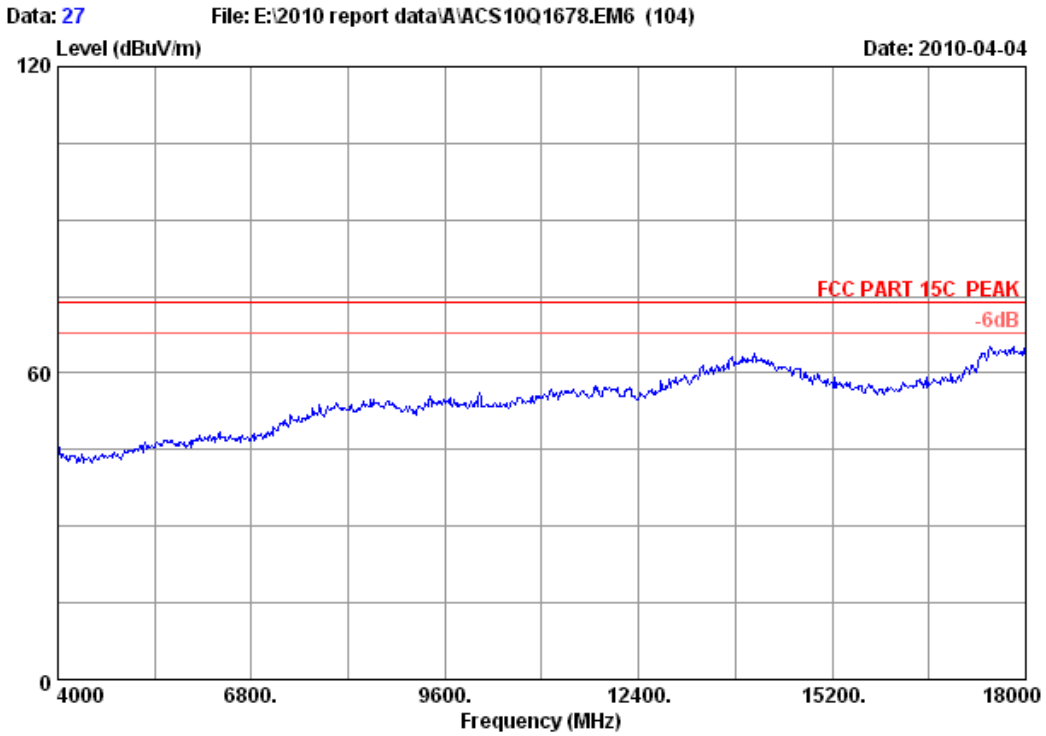
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



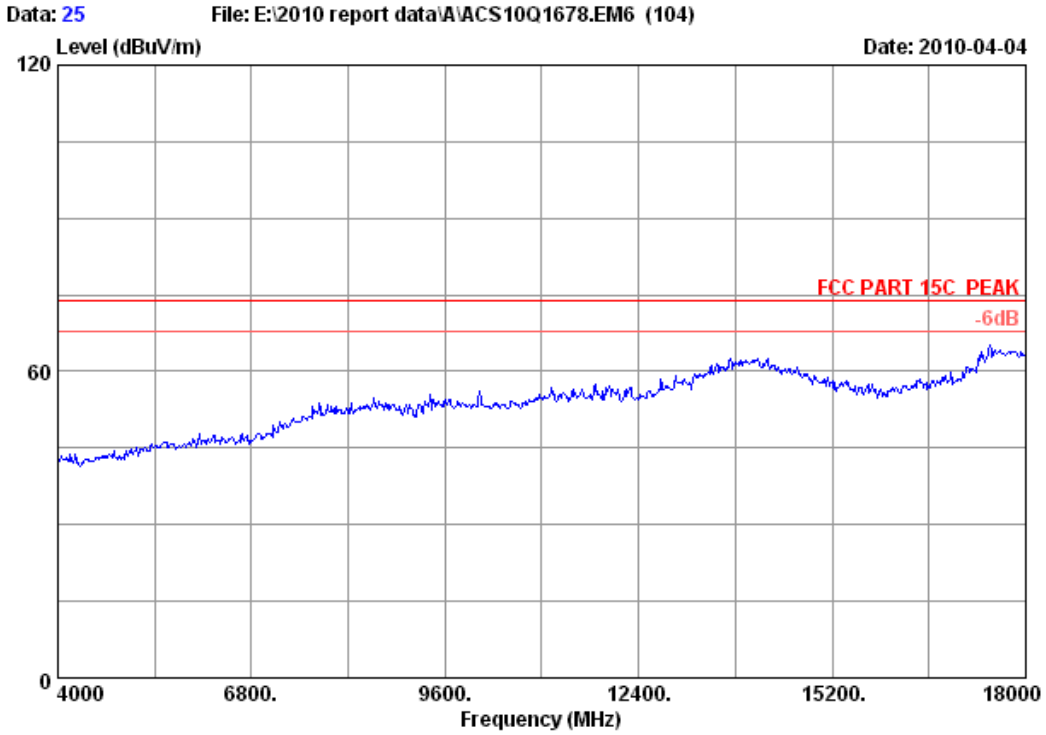
Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	101.76	103.94	74.00	-29.94	Peak

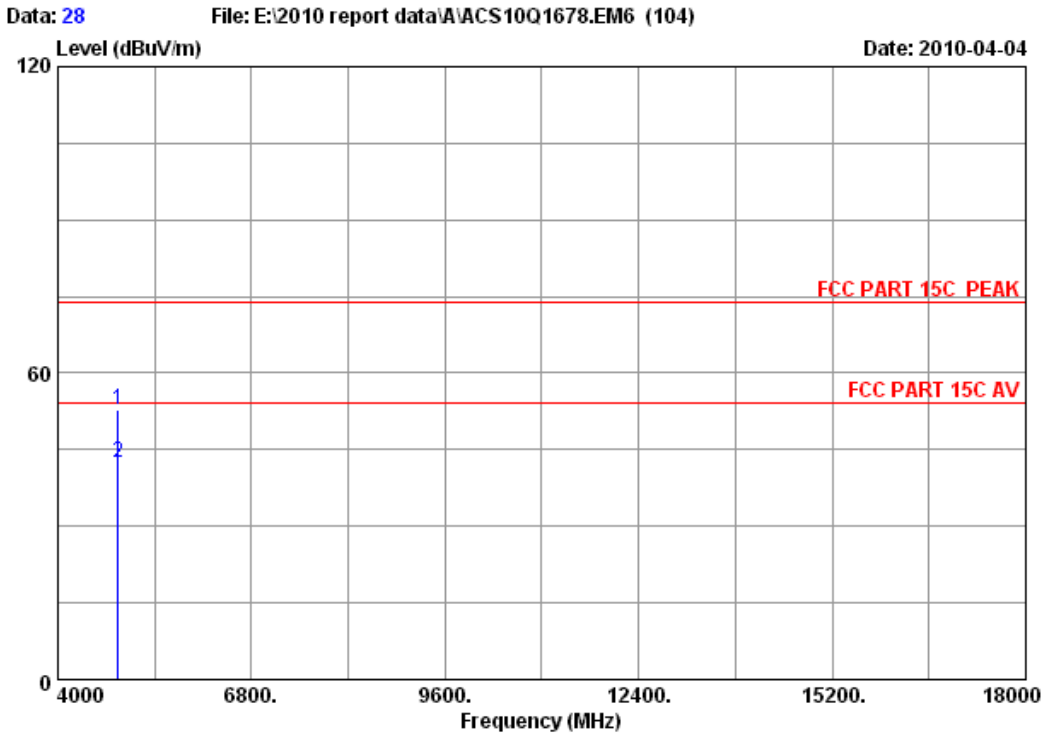
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 27
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11g  CH6 2437MHz   Tx Mode
M/N           : SPADPT08
```



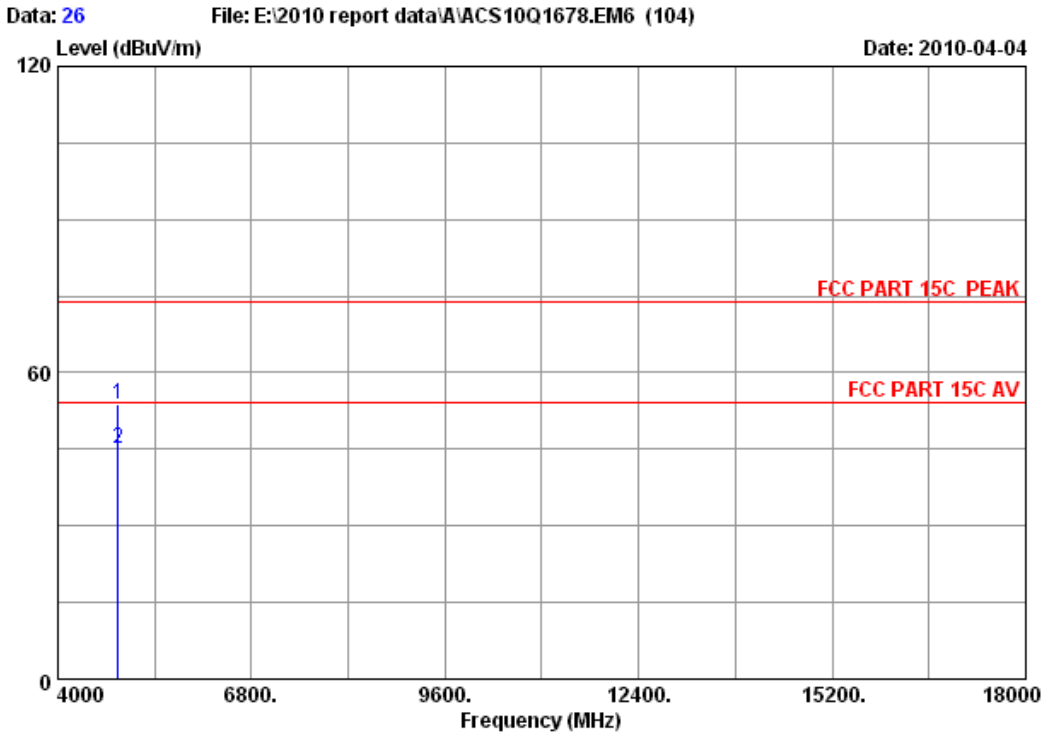
Site no.	: 3m Chamber	Data no.	: 25
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Sunny-lu
EUT	: iomega SP USB ADAPTOR		
Power	: DC 5V From PC input AC 120V/60Hz		
Test mode	: 11g CH6 2437MHz Tx Mode		
M/N	: SPADPT08		



Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	41.47	52.96	74.00	21.04	Peak
2	4874.000	34.41	12.44	35.36	31.08	42.57	54.00	11.43	Average

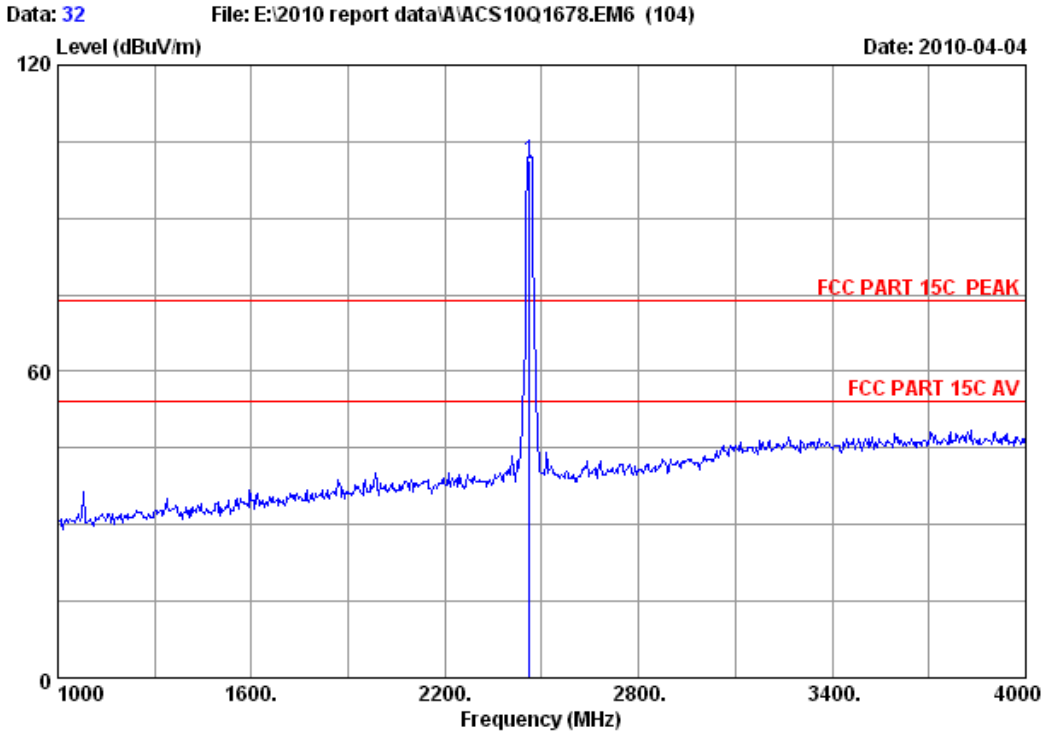
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	42.45	53.94	74.00	20.06	Peak
2	4874.000	34.41	12.44	35.36	33.59	45.08	54.00	8.92	Average

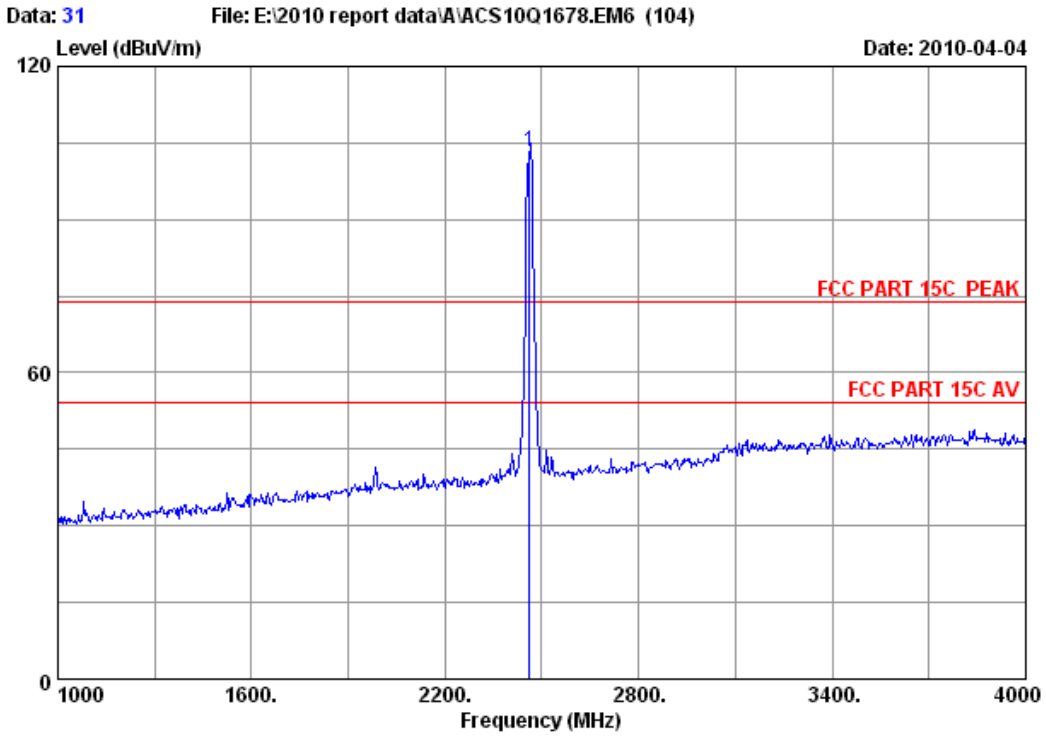
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.02	99.15	101.43	74.00	-27.43	Peak

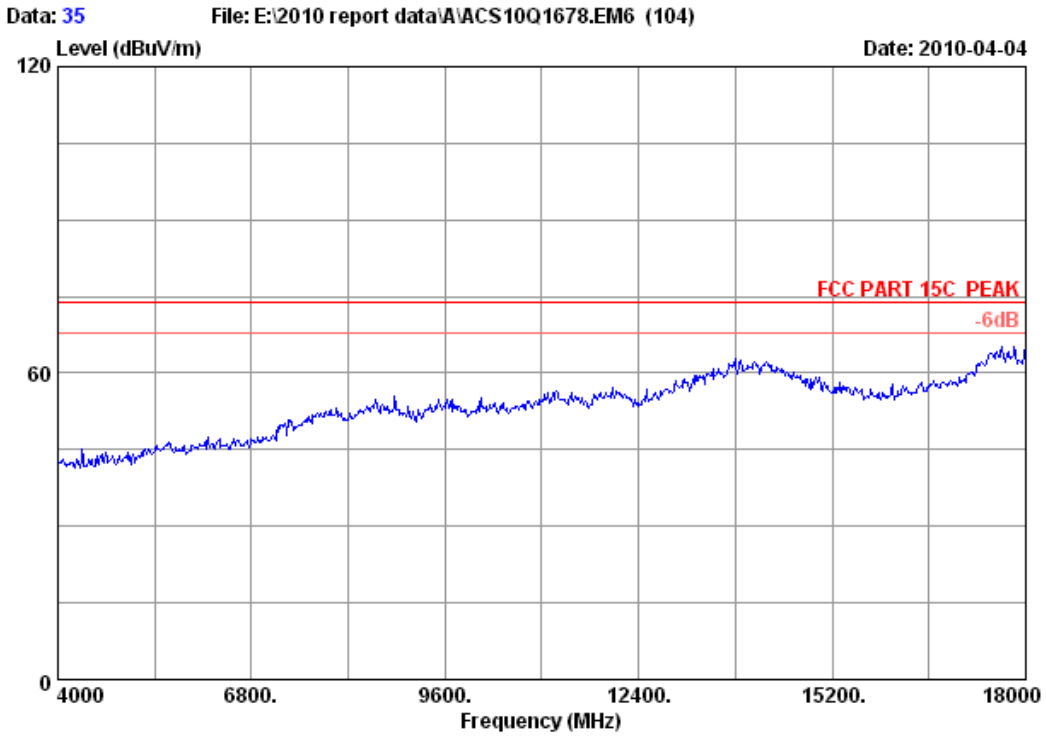
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



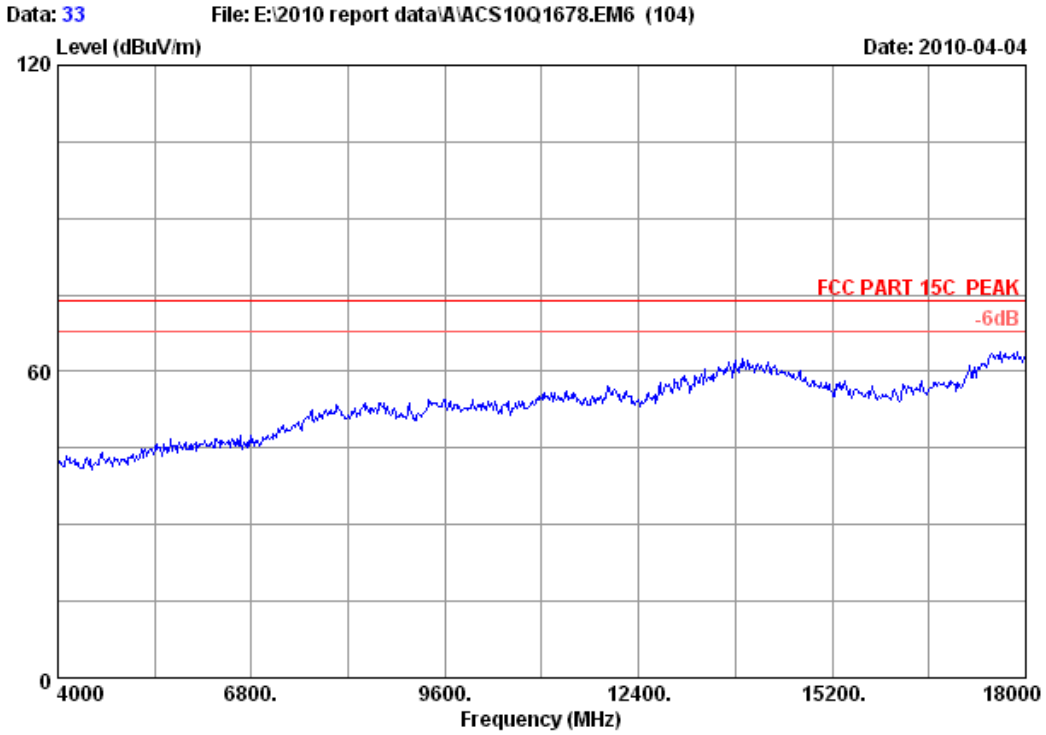
Site no. : 3m Chamber Data no. : 31
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.02	100.96	103.24	74.00	-29.24	Peak

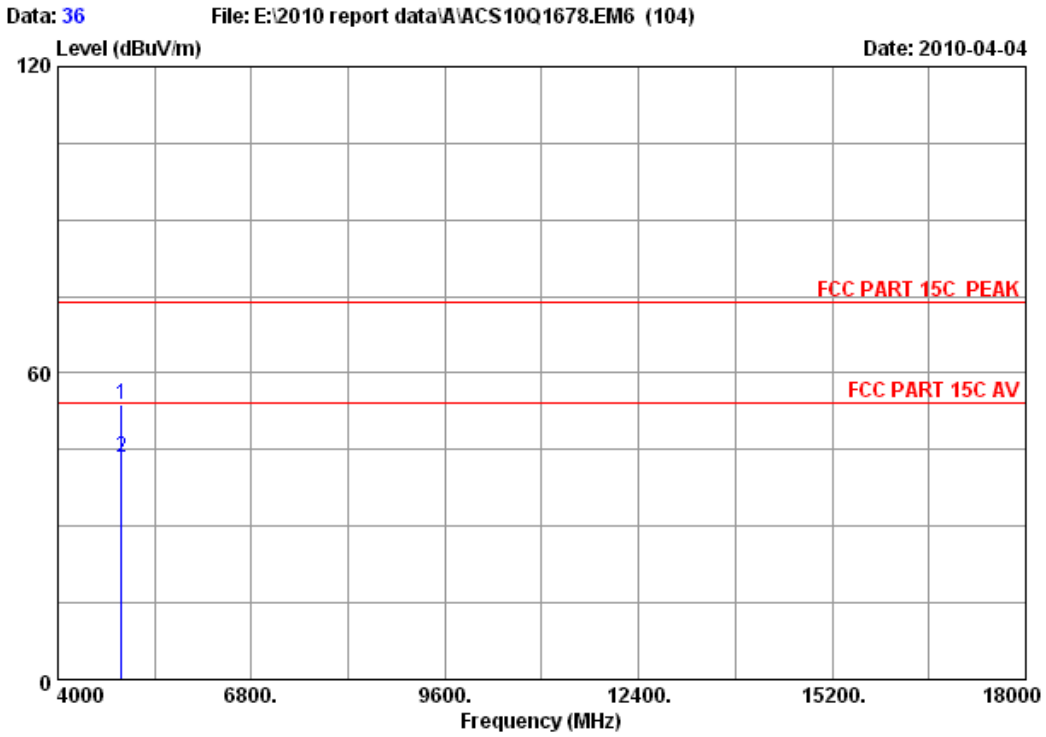
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 35
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11g  CH11 2462MHz   Tx Mode
M/N           : SPADPT08
```



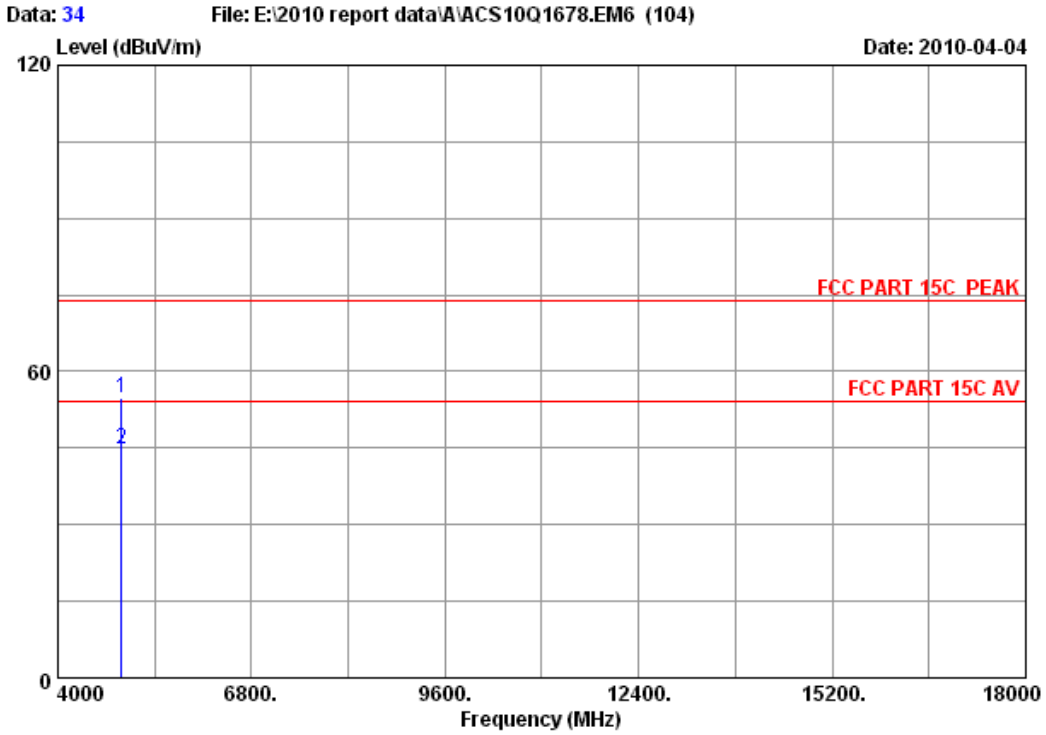

```
Site no.      : 3m Chamber                Data no.   : 33
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11g  CH11 2462MHz   Tx Mode
M/N           : SPADPT08
```



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	12.50	35.34	42.08	53.73	74.00	20.27	Peak
2	4924.000	34.49	12.50	35.34	31.86	43.51	54.00	10.49	Average

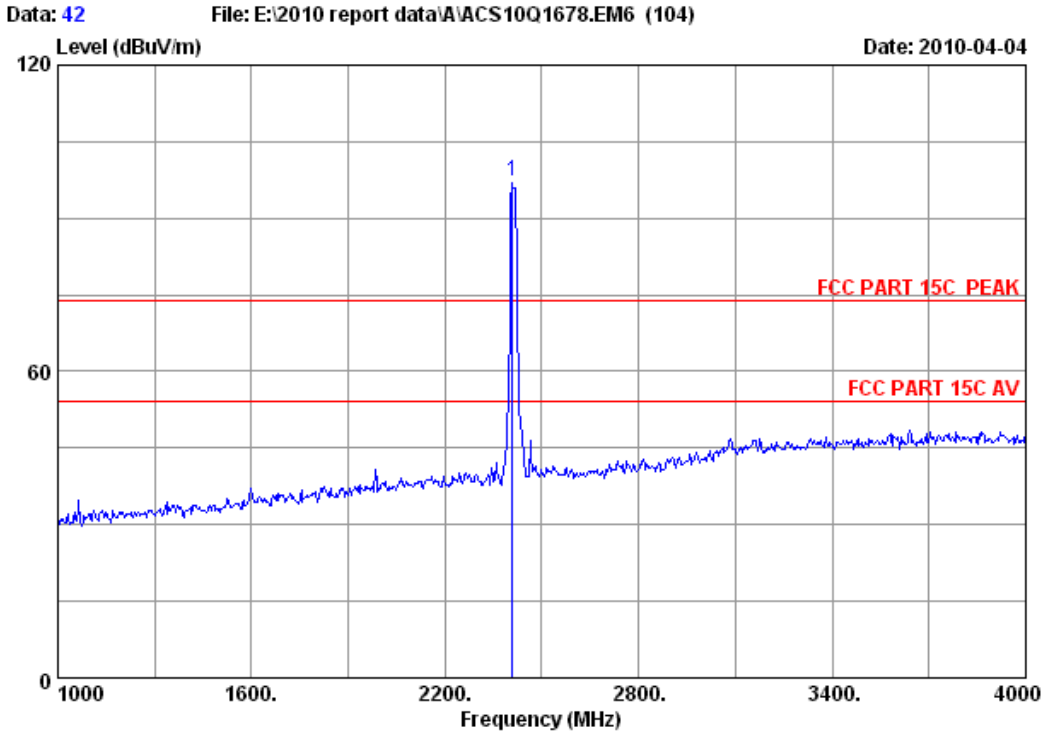
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	12.50	35.34	43.12	54.77	74.00	19.23	Peak
2	4924.000	34.49	12.50	35.34	33.18	44.83	54.00	9.17	Average

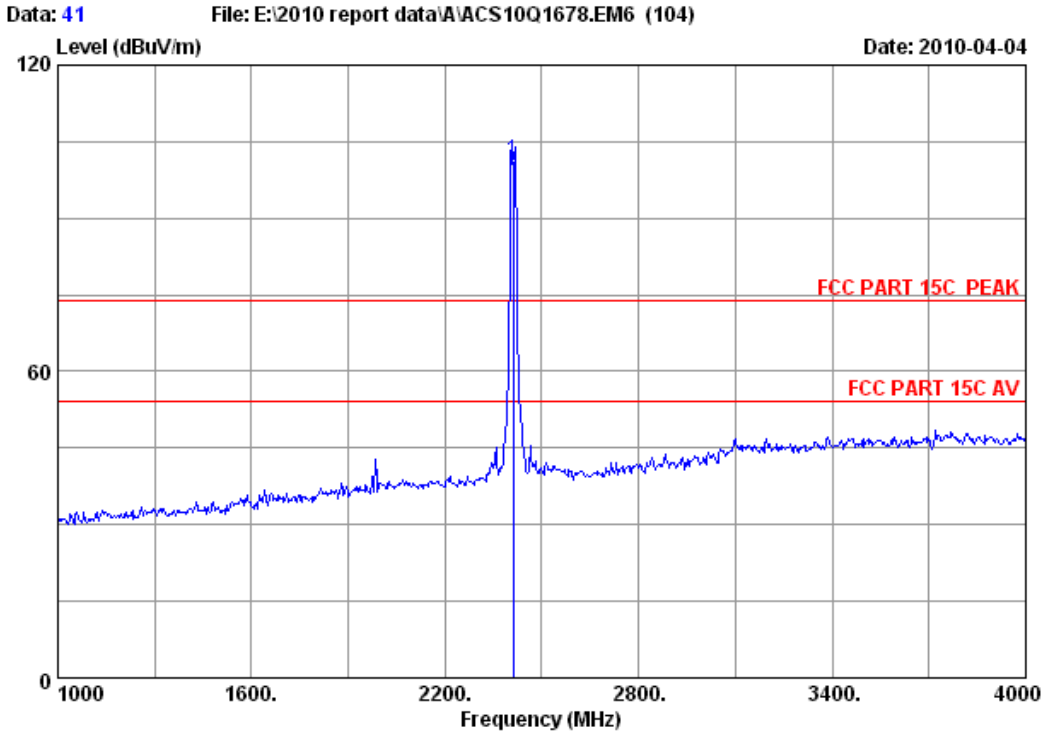
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2410.000	29.45	8.72	35.95	95.11	97.33	74.00	-23.33	Peak

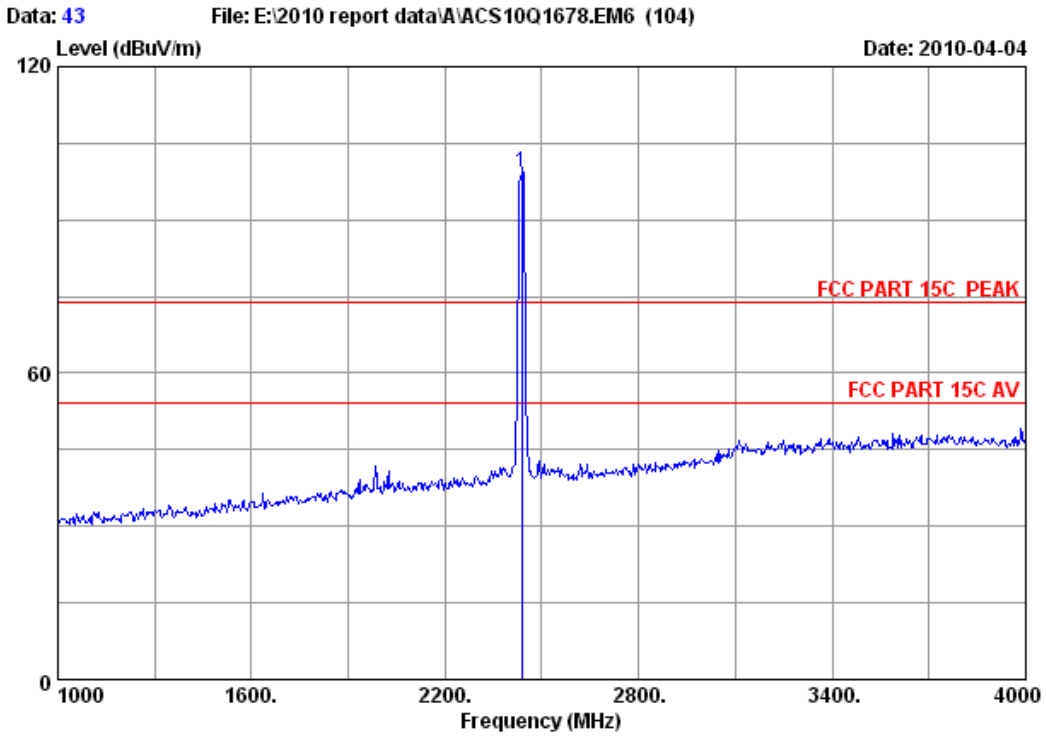
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 41
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	8.72	35.95	99.14	101.36	74.00	-27.36	Peak

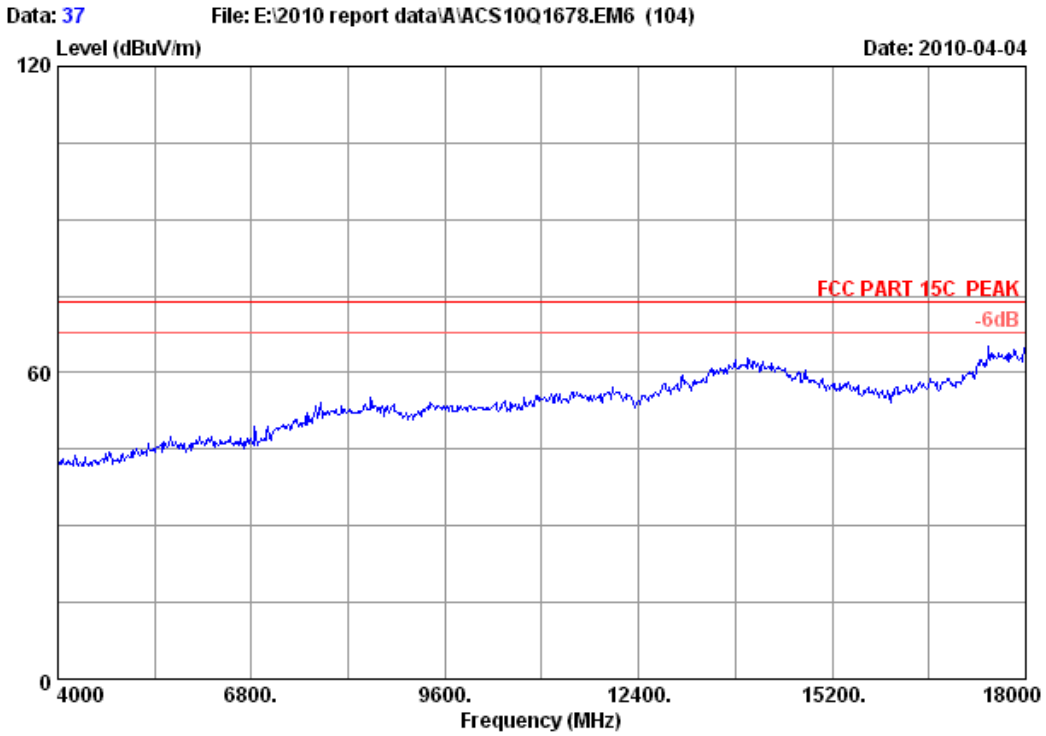
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



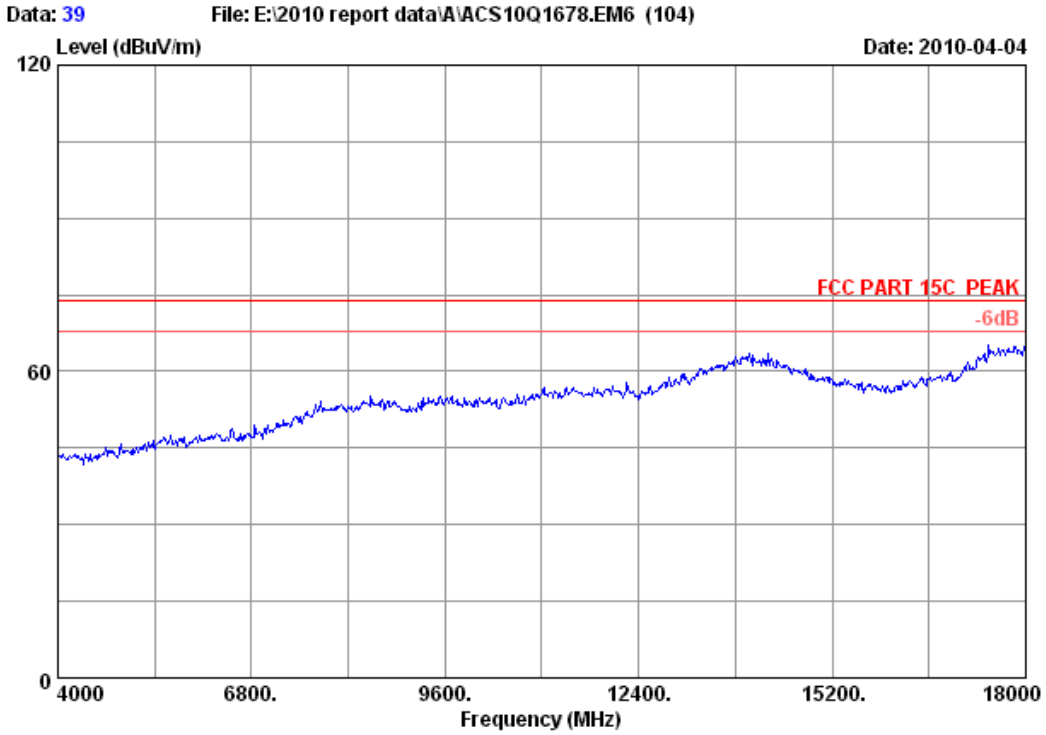
Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	97.13	99.31	74.00	-25.31	Peak

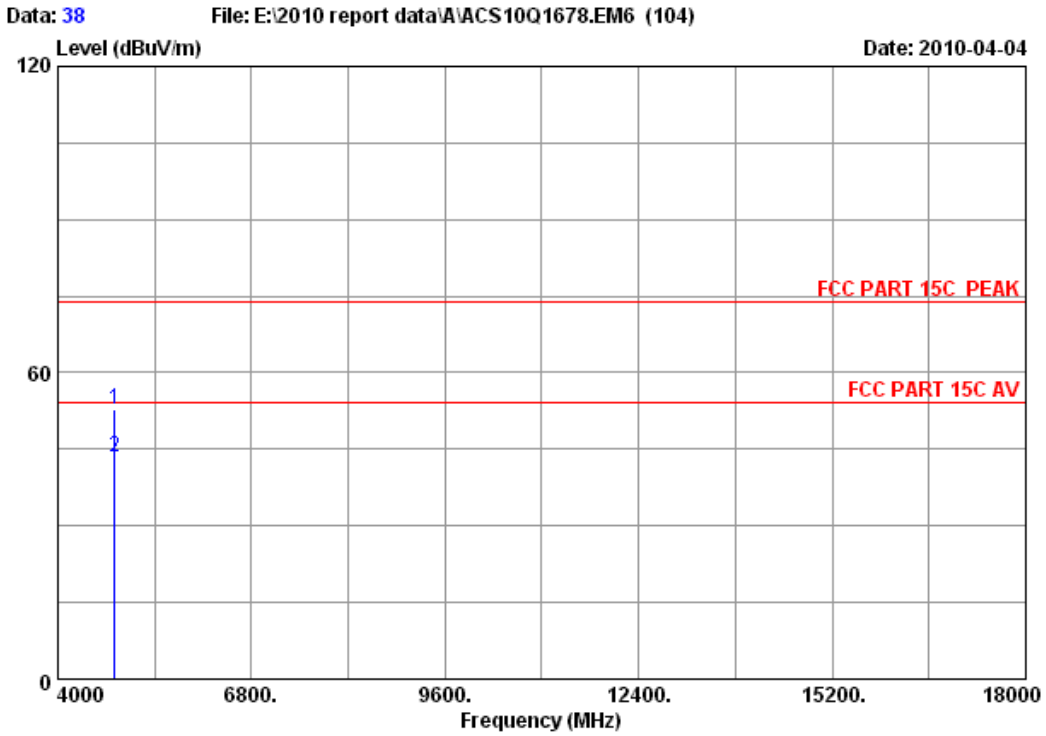
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 37
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT20  CH1 2412MHz   Tx Mode
M/N           : SPADPT08
```



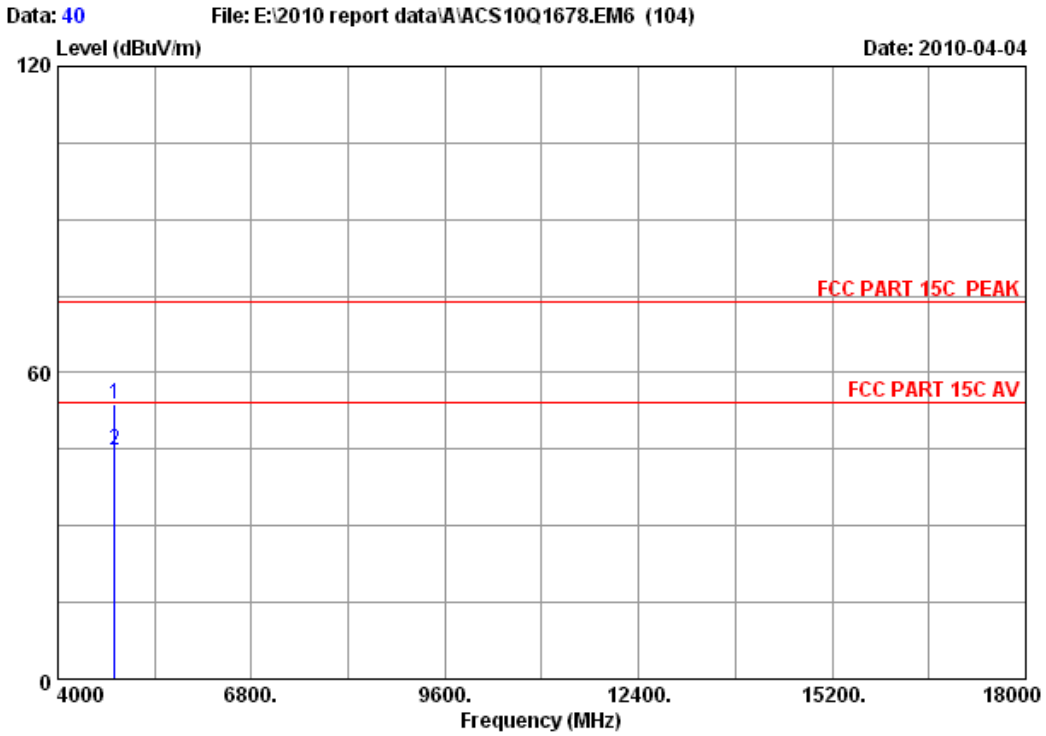
Site no.	: 3m Chamber	Data no.	: 39
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Sunny-lu
EUT	: iomega SP USB ADAPTOR		
Power	: DC 5V From PC input AC 120V/60Hz		
Test mode	: 11nHT20 CH1 2412MHz	Tx Mode	
M/N	: SPADPT08		



Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	41.38	52.83	74.00	21.17	Peak
2	4824.000	34.32	12.38	35.25	31.86	43.31	54.00	10.69	Average

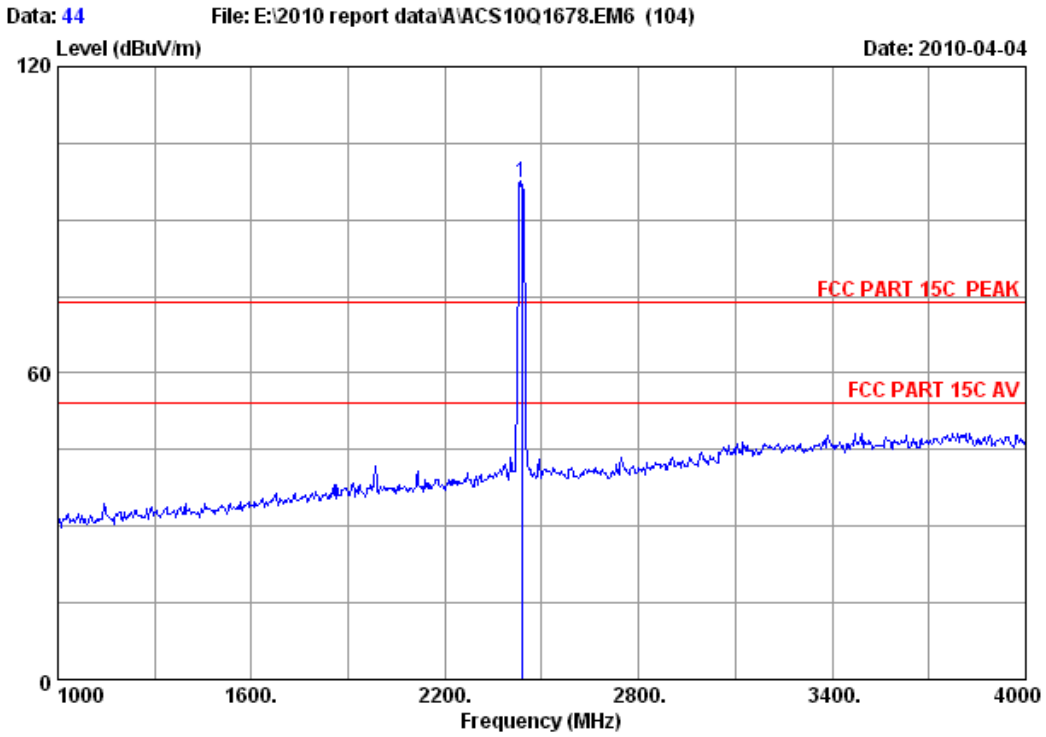
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	42.34	53.79	74.00	20.21	Peak
2	4824.000	34.32	12.38	35.25	33.46	44.91	54.00	9.09	Average

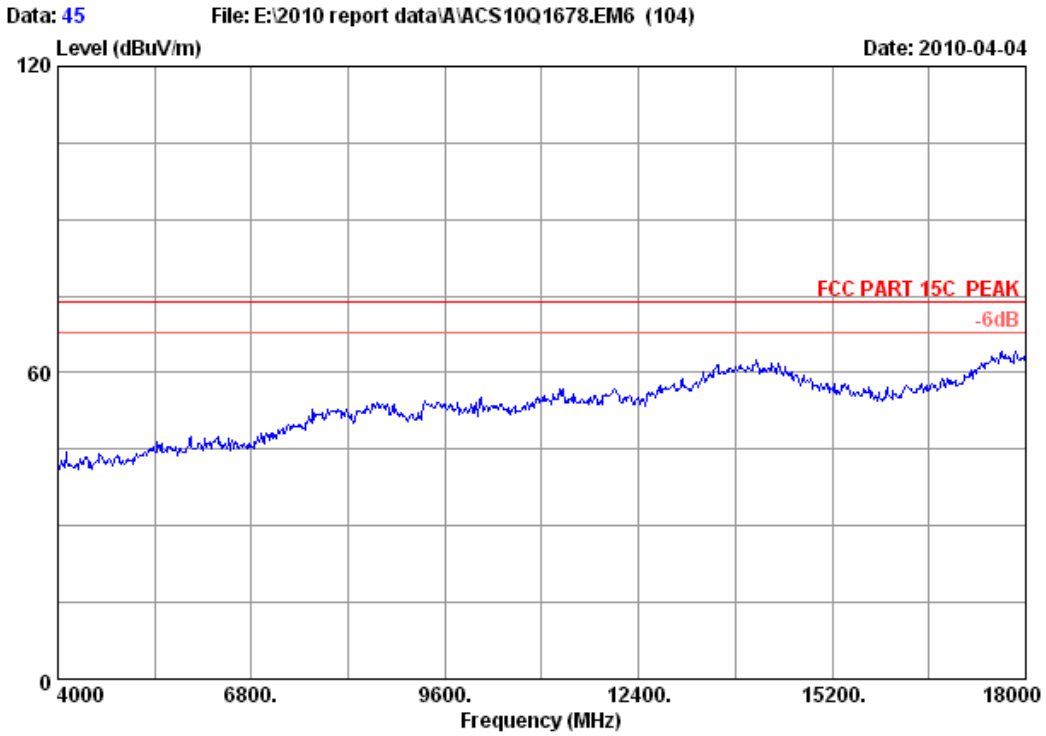
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



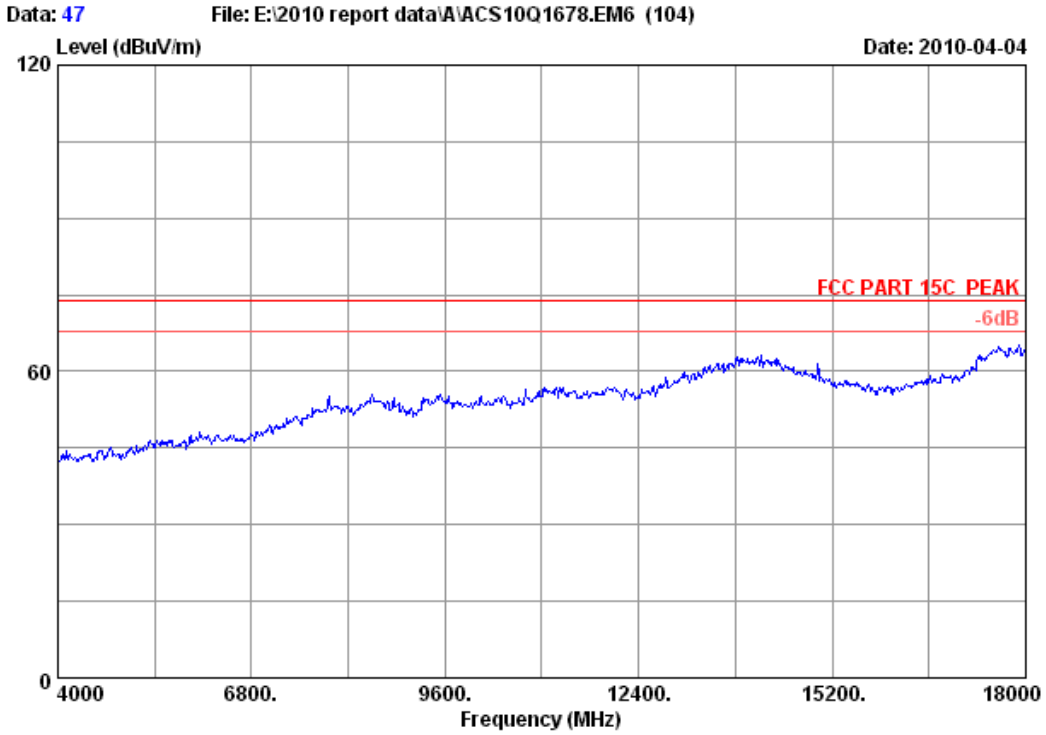
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	95.02	97.20	74.00	-23.20	Peak

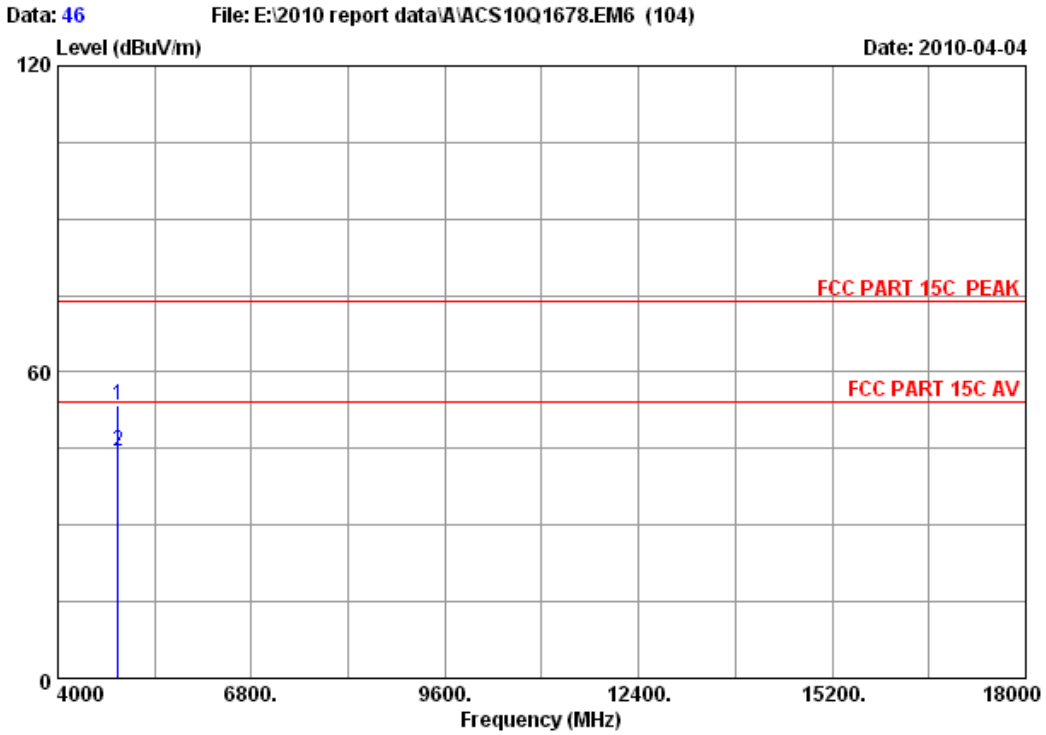
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 45
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT20  CH6 2437MHz   Tx Mode
M/N           : SPADPT08
```



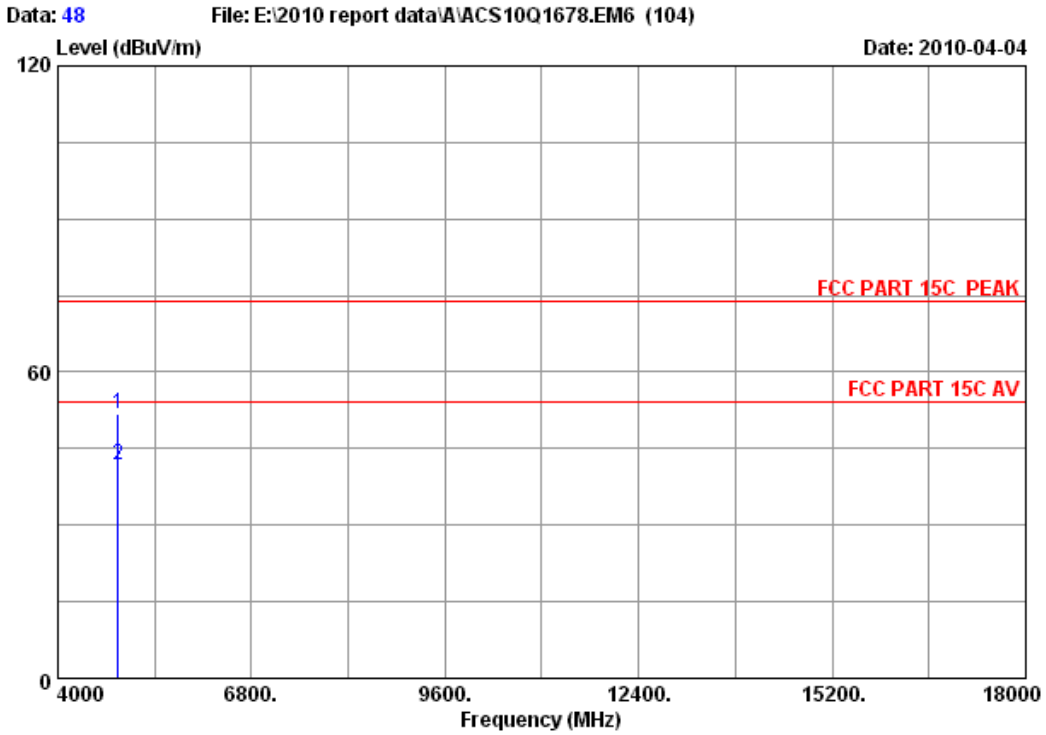
Site no.	: 3m Chamber	Data no.	: 47
Dis. / Ant.	: 3m 3115(0911)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23*C/54%	Engineer	: Sunny-lu
EUT	: iomega SP USB ADAPTOR		
Power	: DC 5V From PC input AC 120V/60Hz		
Test mode	: 11nHT20 CH6 2437MHz	Tx Mode	
M/N	: SPADPT08		



Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	42.14	53.63	74.00	20.37	Peak
2	4874.000	34.41	12.44	35.36	32.84	44.33	54.00	9.67	Average

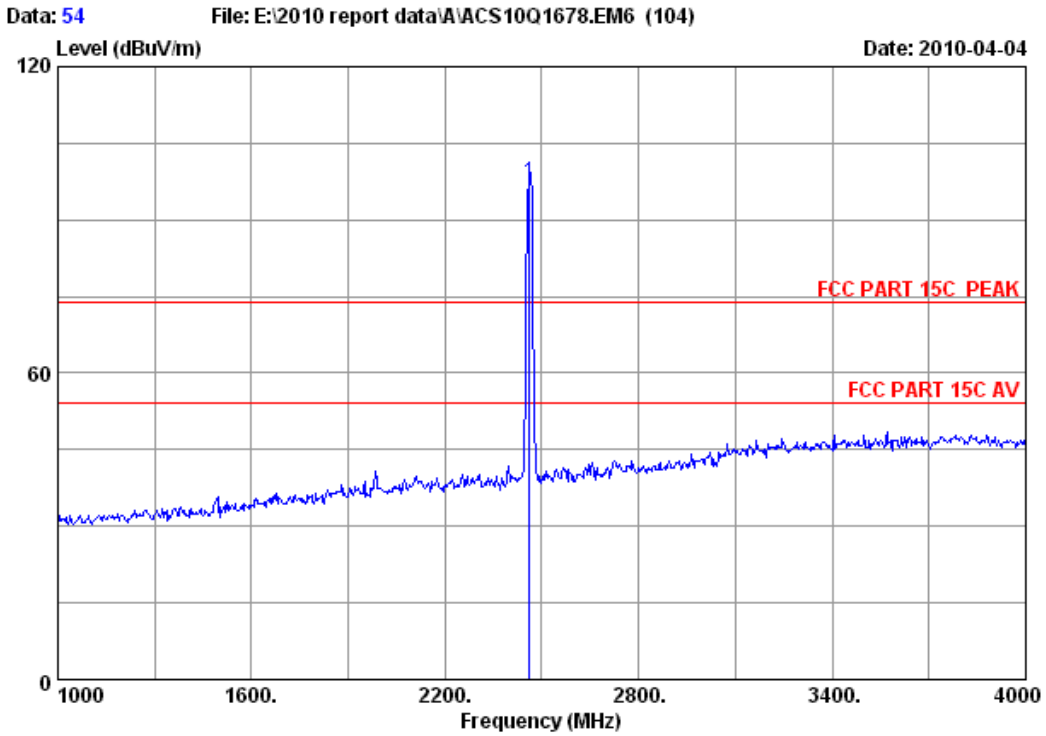
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH6 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	40.26	51.75	74.00	22.25	Peak
2	4874.000	34.41	12.44	35.36	30.41	41.90	54.00	12.10	Average

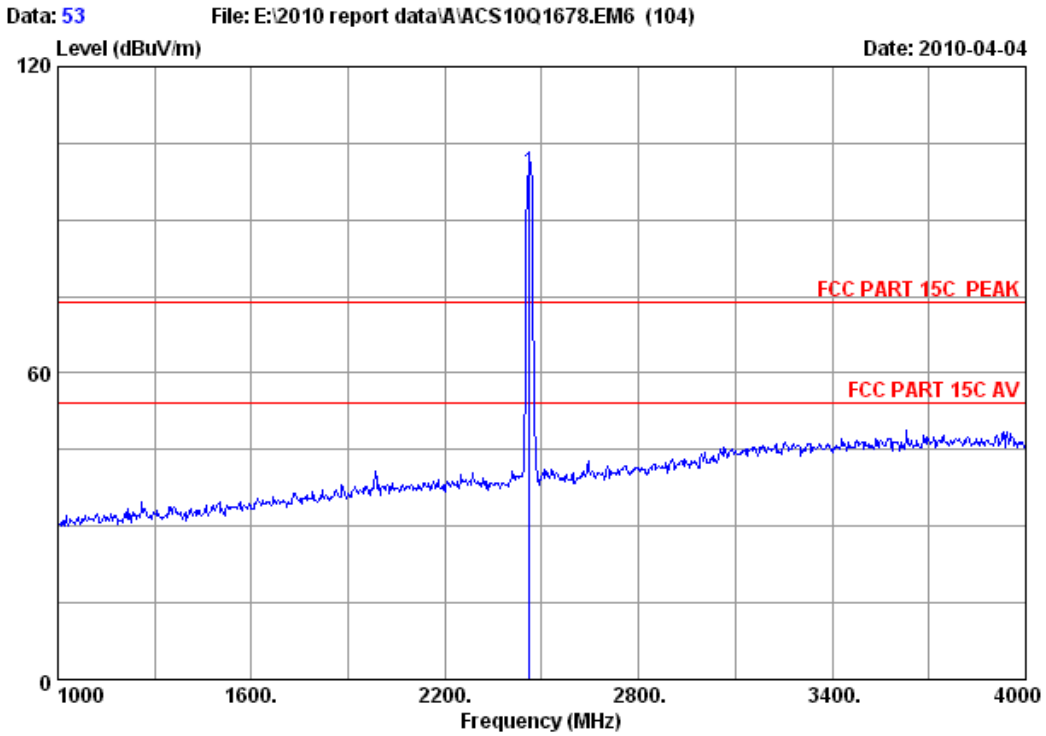
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 54
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.02	94.96	97.24	74.00	-23.24	Peak

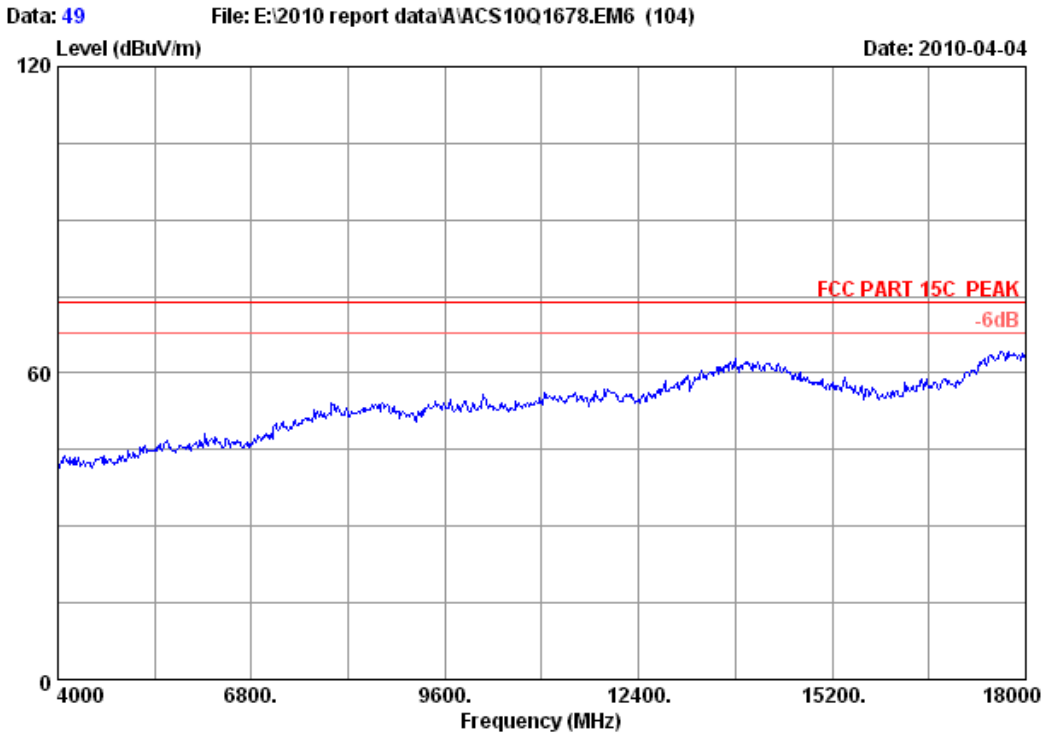
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



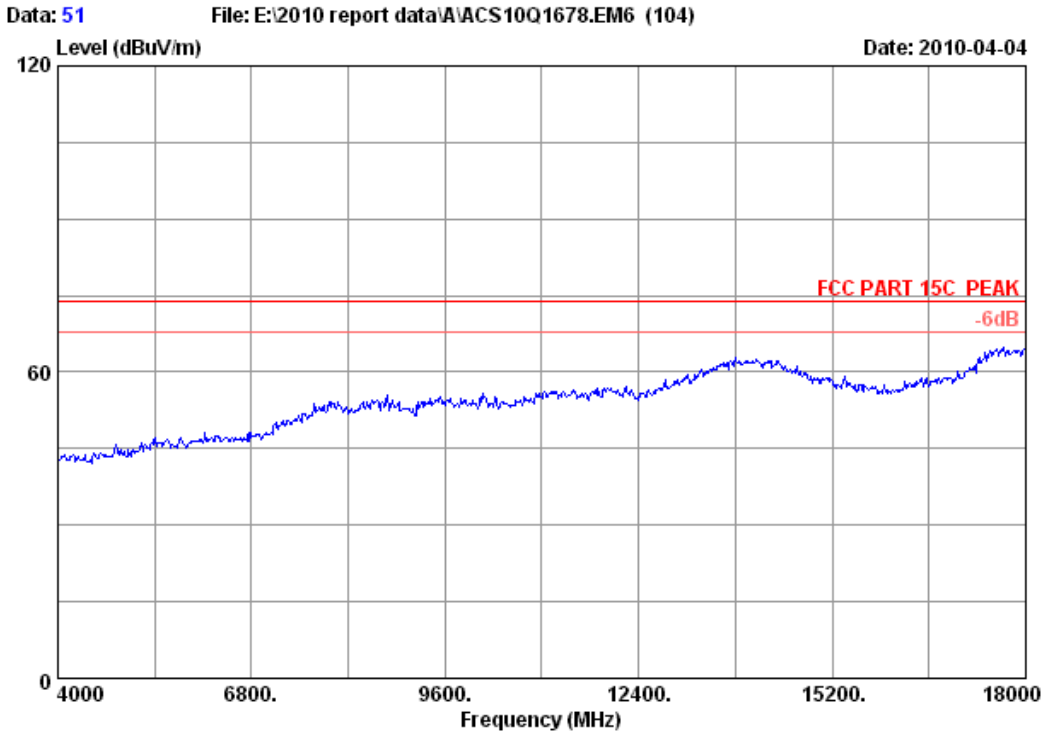
Site no. : 3m Chamber Data no. : 53
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.02	97.13	99.41	74.00	-25.41	Peak

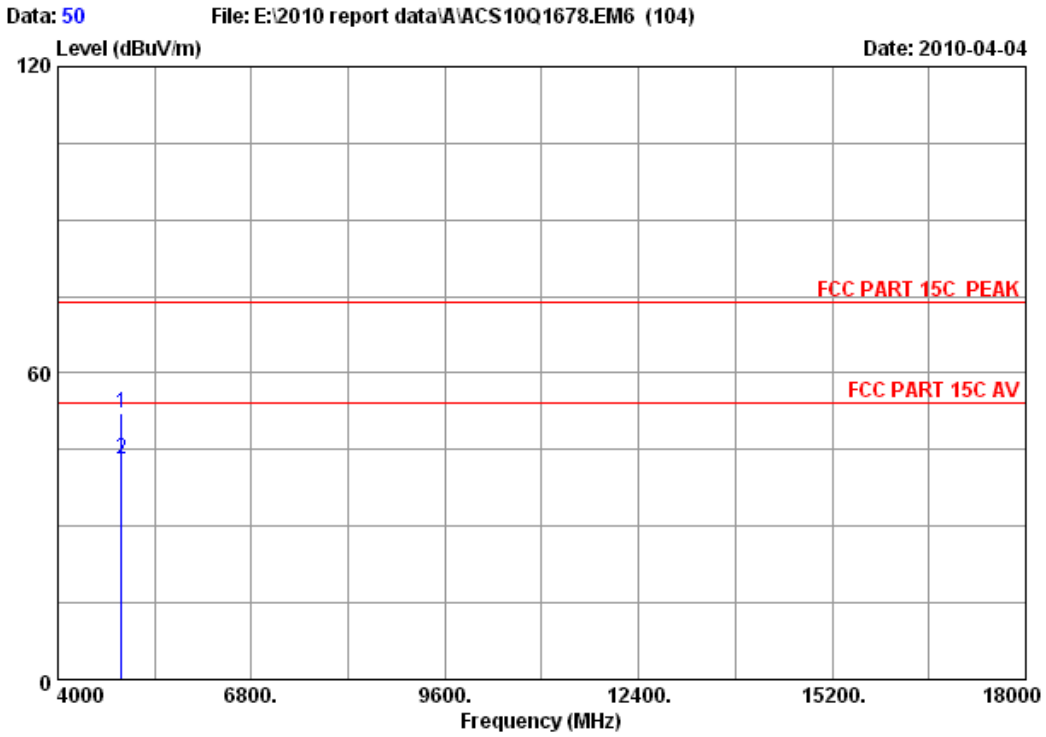
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 49
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT20  CH11 2462MHz   Tx Mode
M/N           : SPADPT08
```



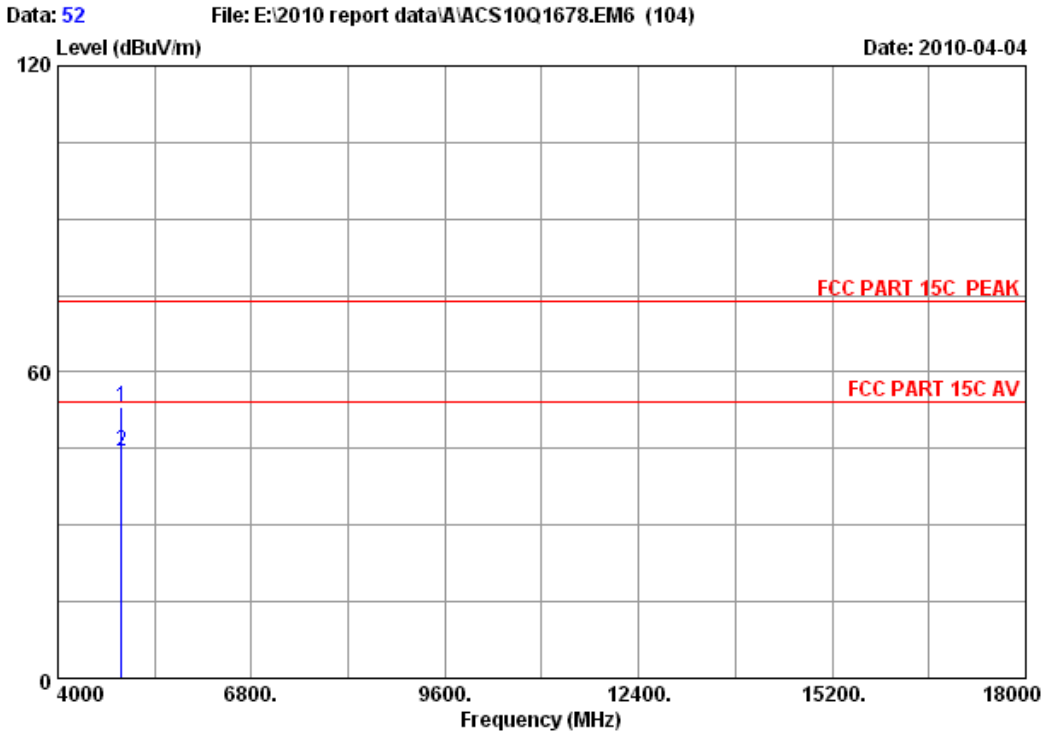

```
Site no.      : 3m Chamber                Data no.   : 51
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT20  CH11 2462MHz   Tx Mode
M/N           : SPADPT08
```



Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	12.50	35.34	40.56	52.21	74.00	21.79	Peak
2	4924.000	34.49	12.50	35.34	31.42	43.07	54.00	10.93	Average

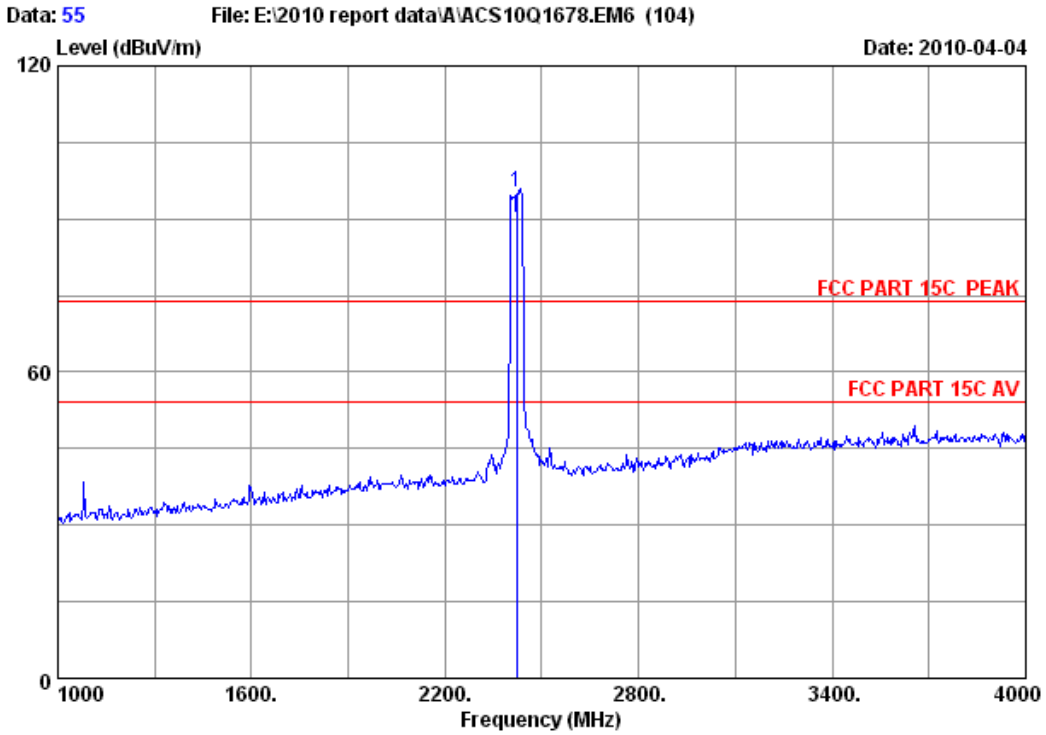
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	12.50	35.34	41.55	53.20	74.00	20.80	Peak
2	4924.000	34.49	12.50	35.34	32.73	44.38	54.00	9.62	Average

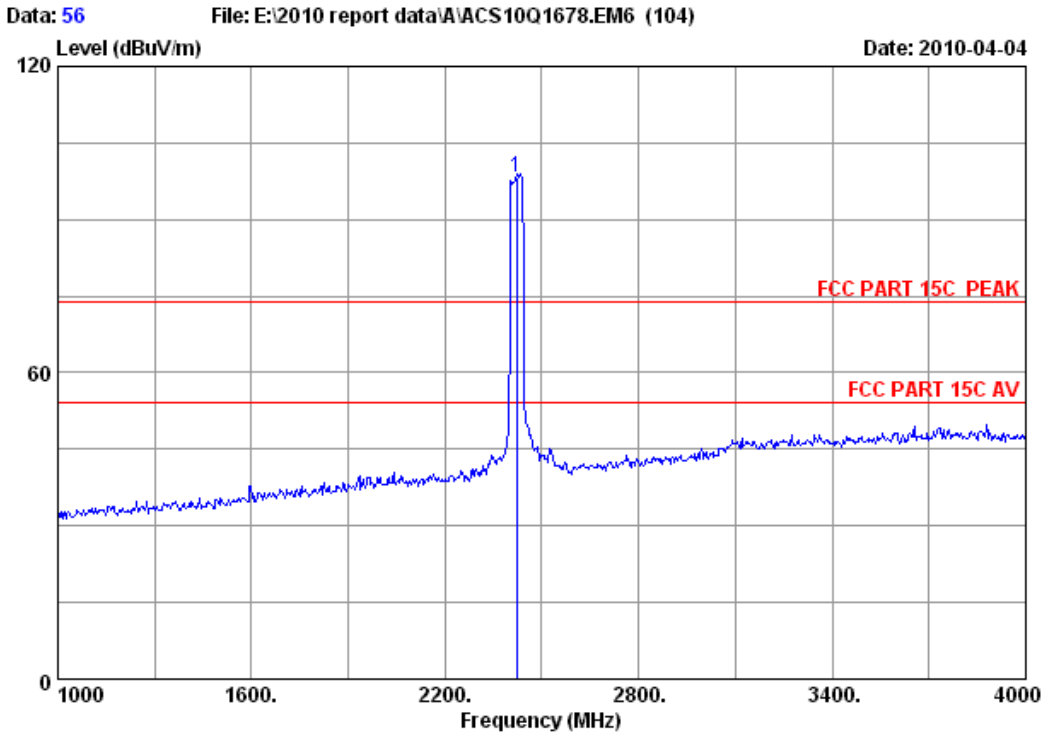
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 55
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.01	93.05	95.27	74.00	-21.27	Peak

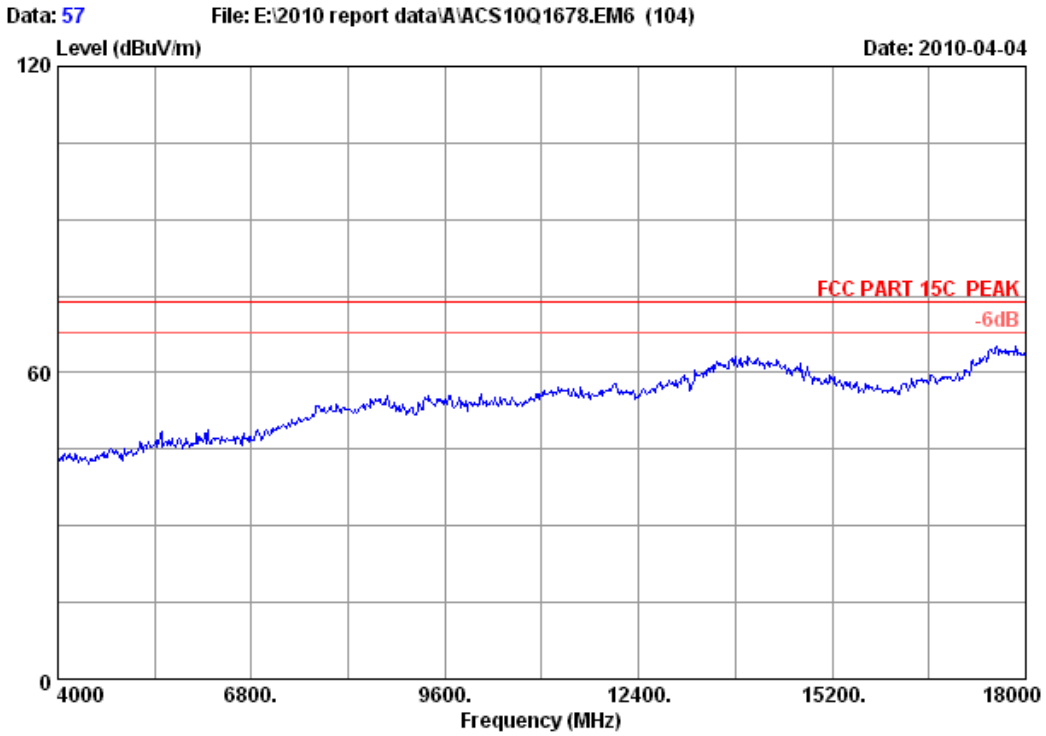
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



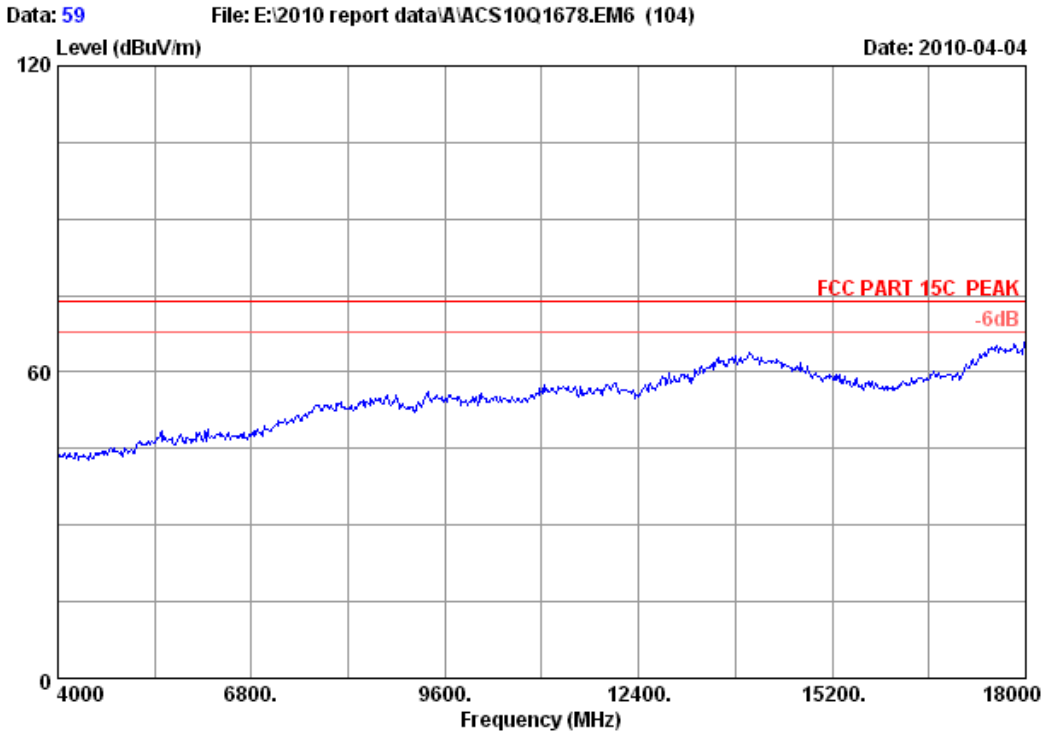
Site no. : 3m Chamber Data no. : 56
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.01	96.03	98.25	74.00	-24.25	Peak

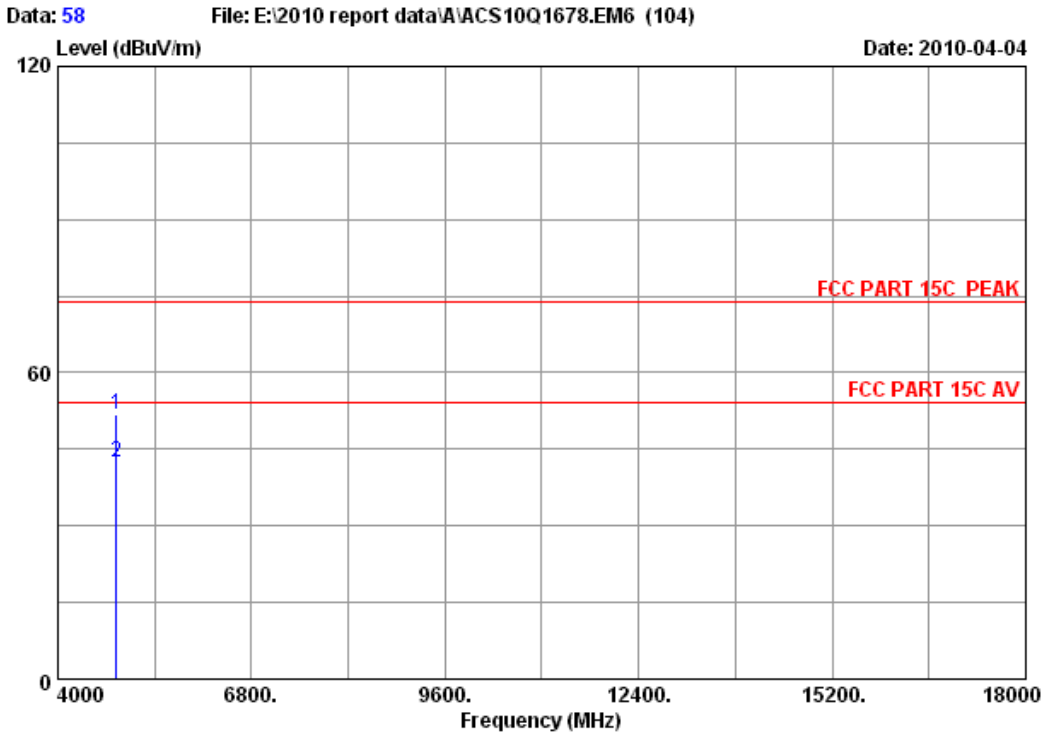
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 57
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT40  CH1 2422MHz   Tx Mode
M/N           : SPADPT08
```



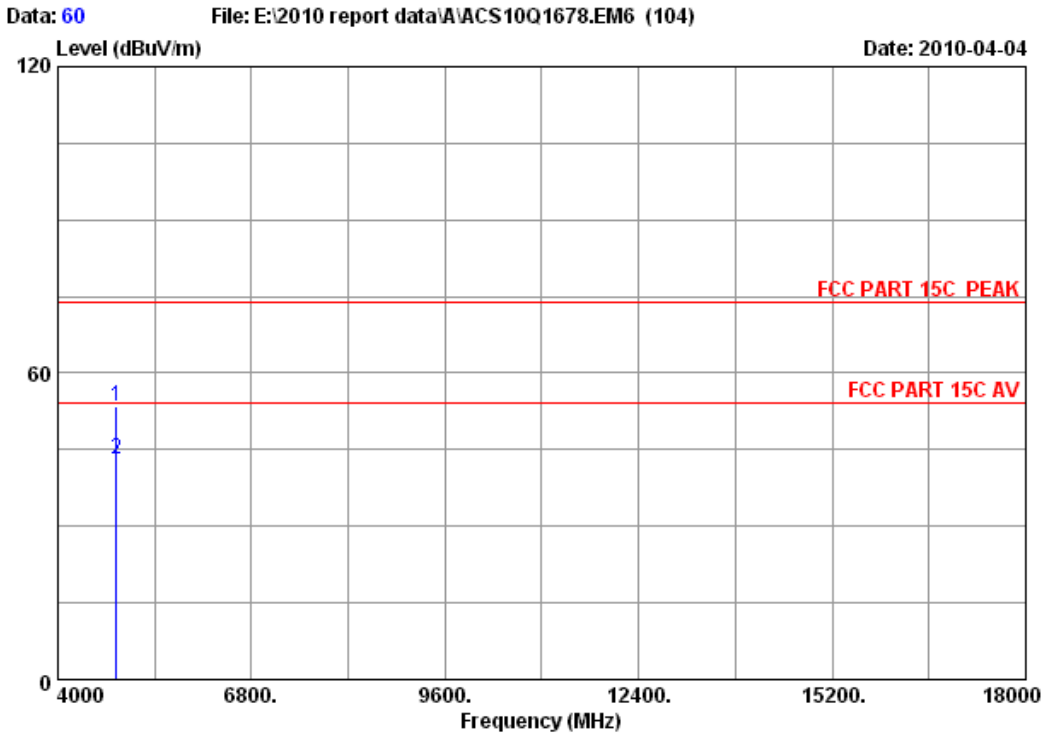

```
Site no.      : 3m Chamber                Data no.   : 59
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT40  CH1 2422MHz   Tx Mode
M/N           : SPADPT08
```



Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	40.34	51.82	74.00	22.18	Peak
2	4844.000	34.35	12.38	35.25	30.81	42.29	54.00	11.71	Average

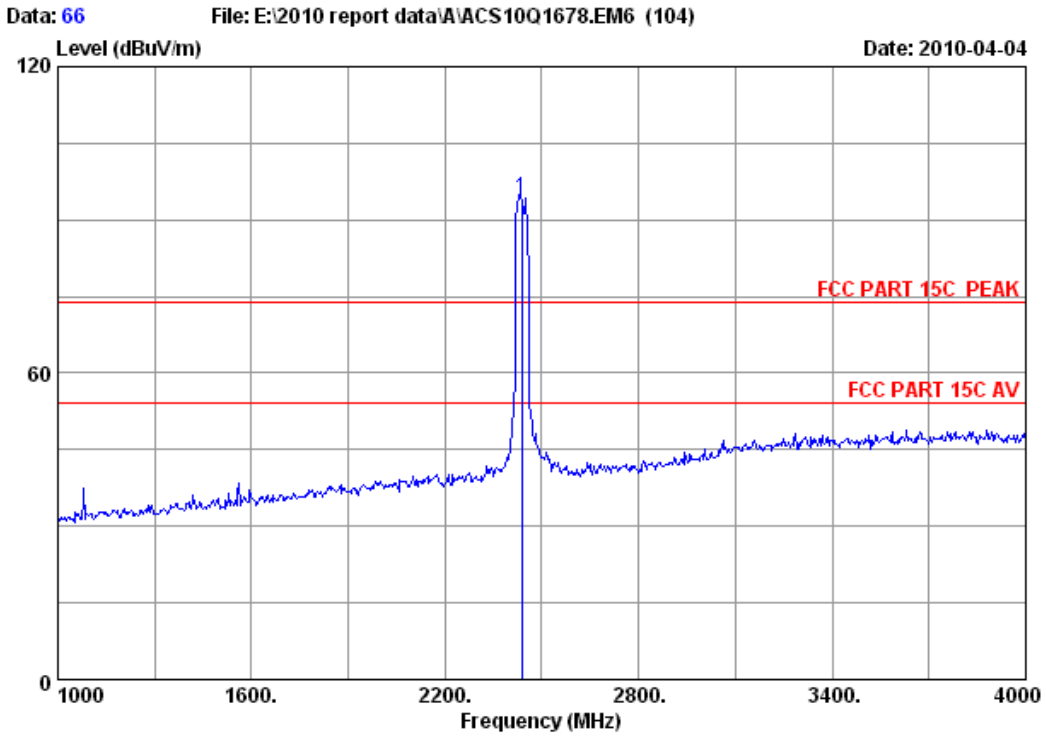
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	12.38	35.25	42.02	53.50	74.00	20.50	Peak
2	4844.000	34.35	12.38	35.25	31.52	43.00	54.00	11.00	Average

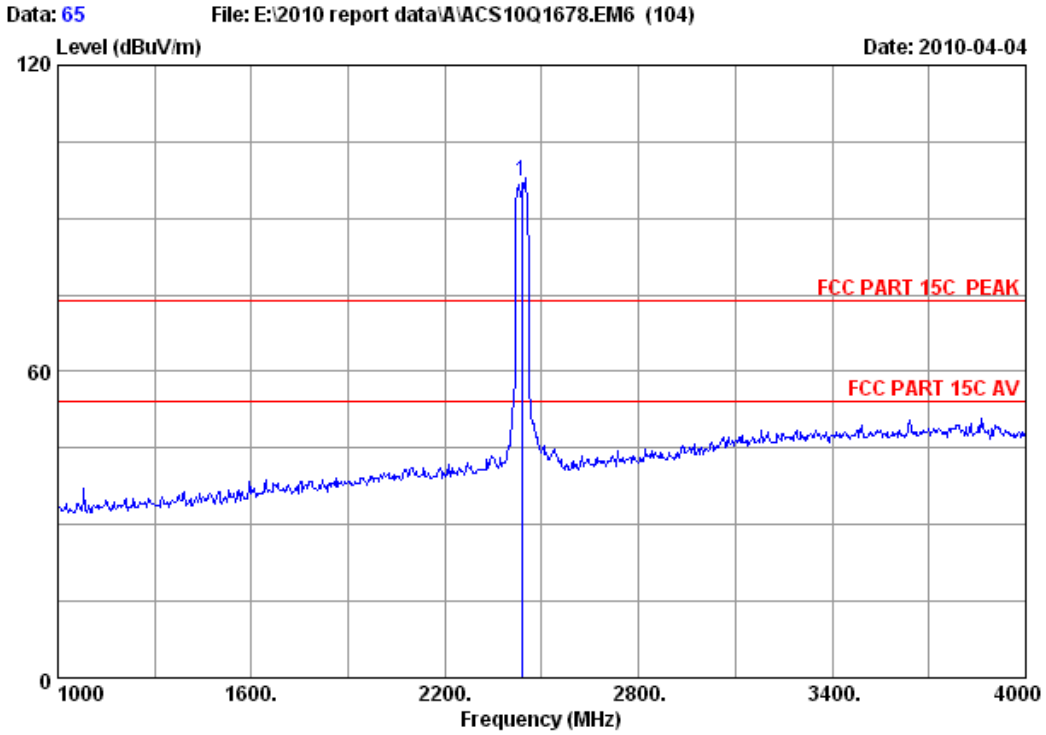
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH4 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	92.18	94.36	74.00	-20.36	Peak

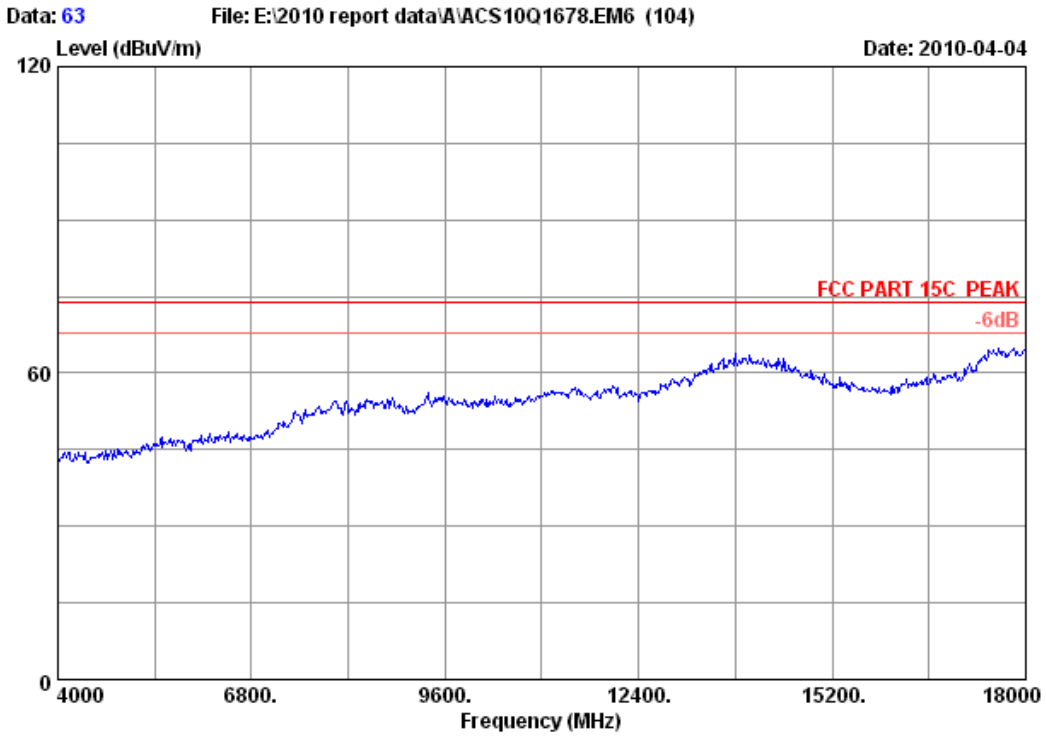
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



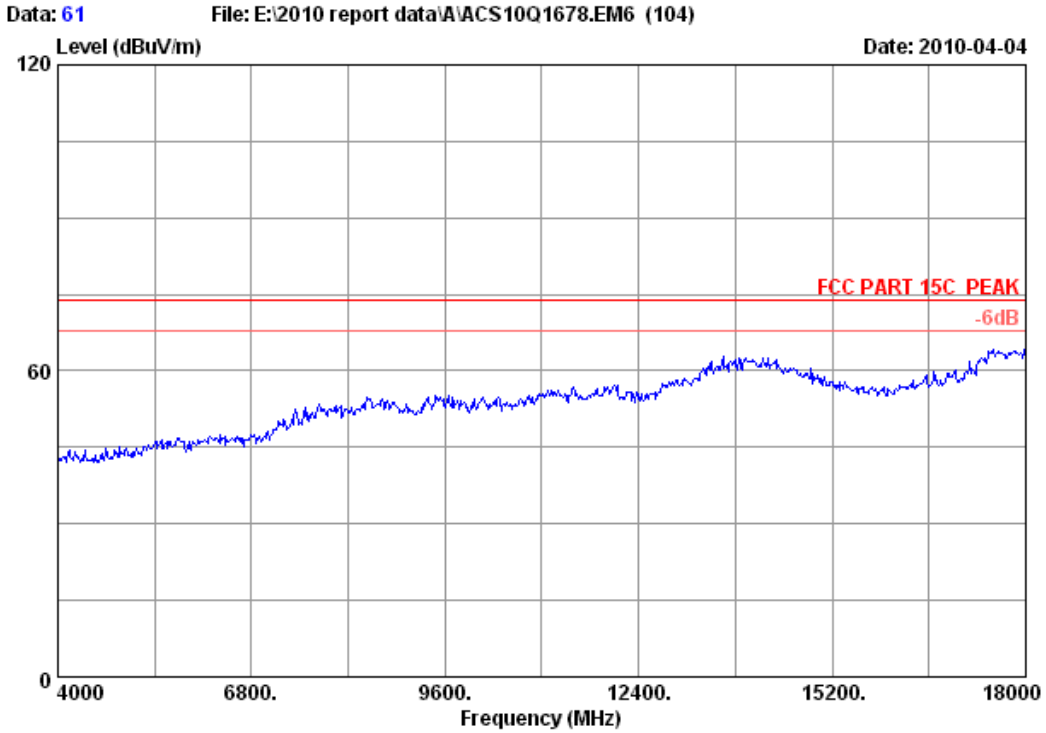
Site no. : 3m Chamber Data no. : 65
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH4 2437MHz Tx Mode
M/N : SPADPT08

	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	8.77	36.06	95.09	97.27	74.00	-23.27	Peak

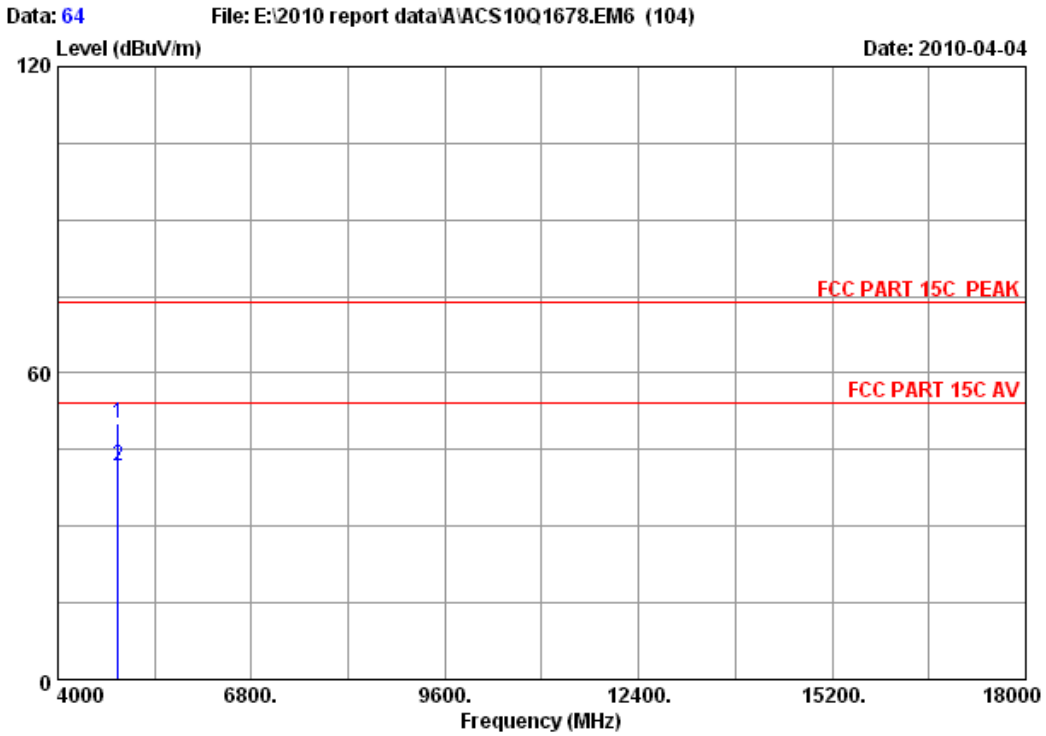
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
Site no.      : 3m Chamber                Data no.   : 63
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT40  CH4 2437MHz   Tx Mode
M/N           : SPADPT08
```



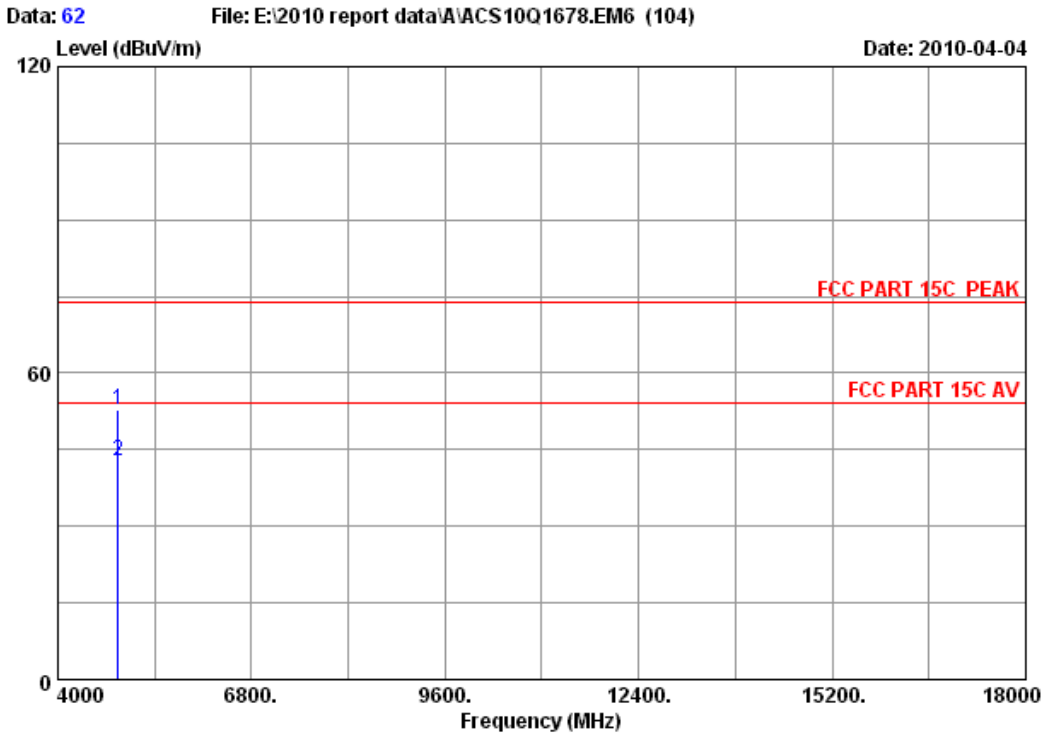

```
Site no.      : 3m Chamber                Data no.   : 61
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT40  CH4 2437MHz   Tx Mode
M/N           : SPADPT08
```



Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH4 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	38.68	50.17	74.00	23.83	Peak
2	4874.000	34.41	12.44	35.36	30.14	41.63	54.00	12.37	Average

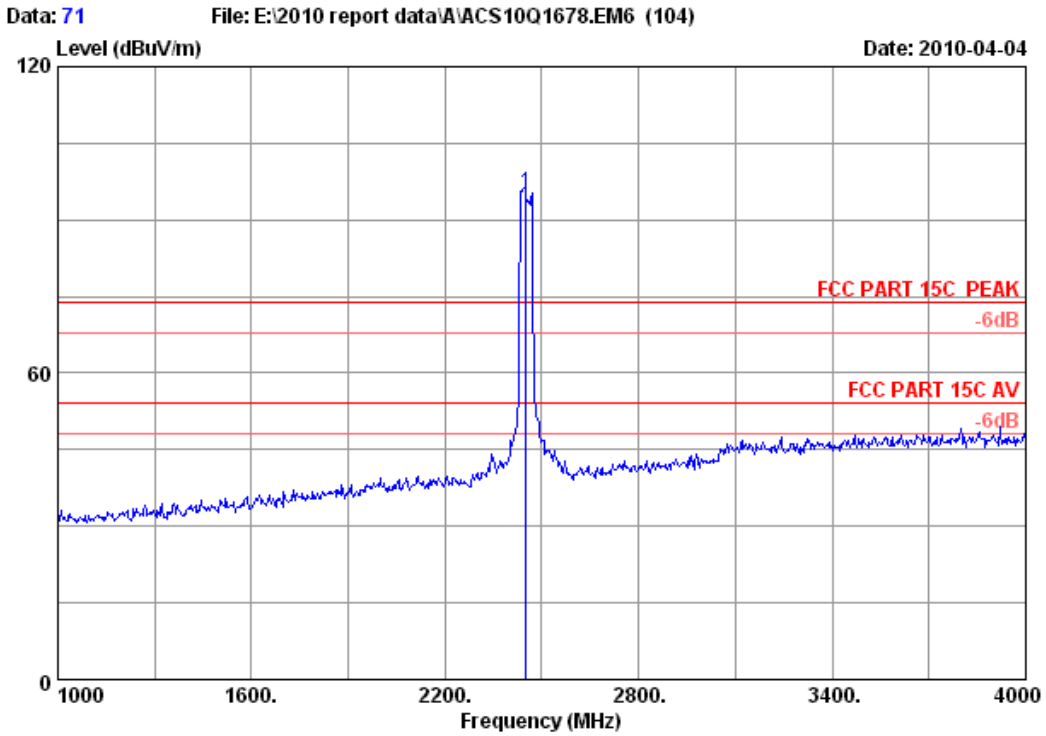
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH4 2437MHz Tx Mode
M/N : SPADPT08

	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	12.44	35.36	41.25	52.74	74.00	21.26	Peak
2	4874.000	34.41	12.44	35.36	31.37	42.86	54.00	11.14	Average

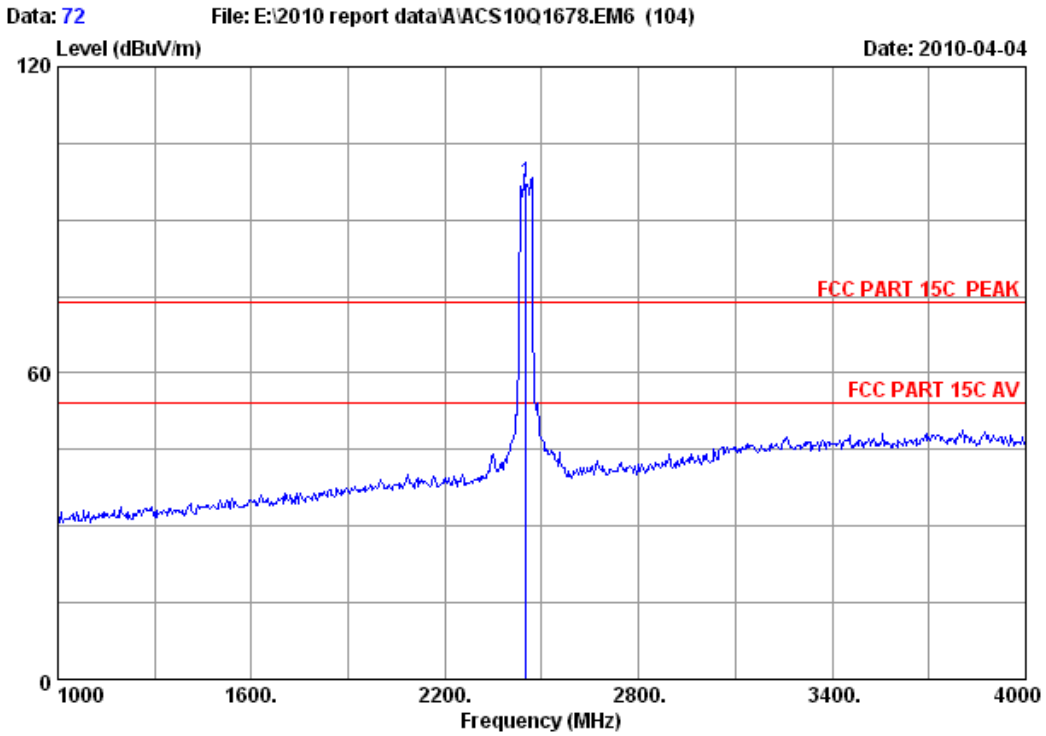
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 71
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.06	92.96	95.19	74.00	-21.19	Peak

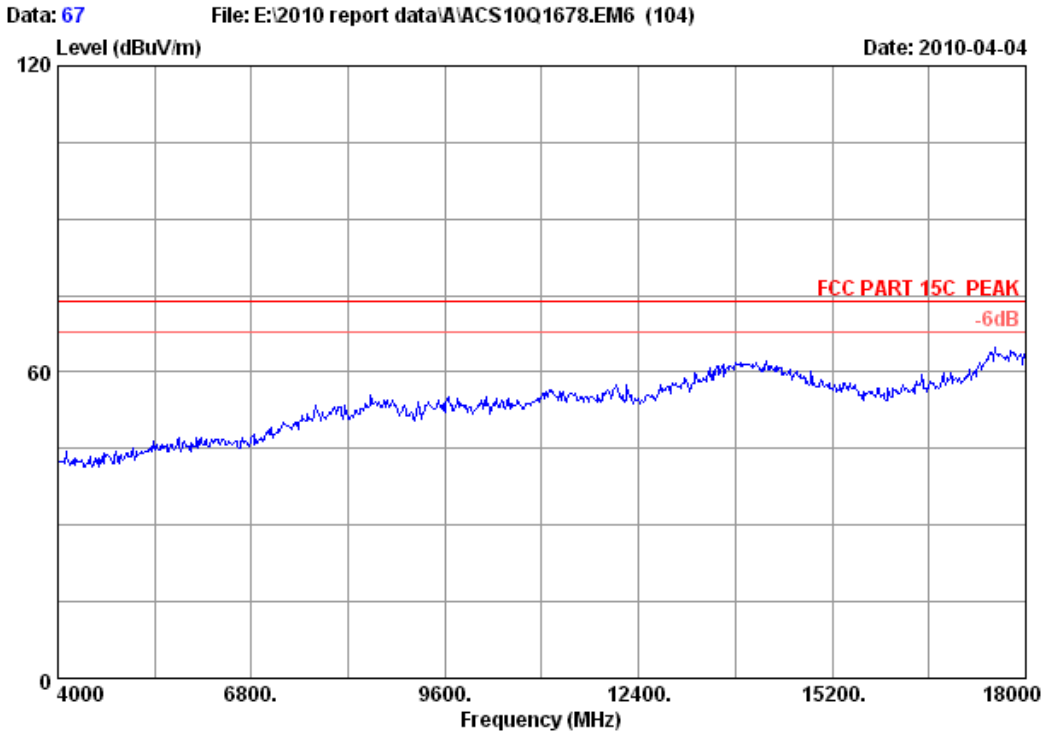
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



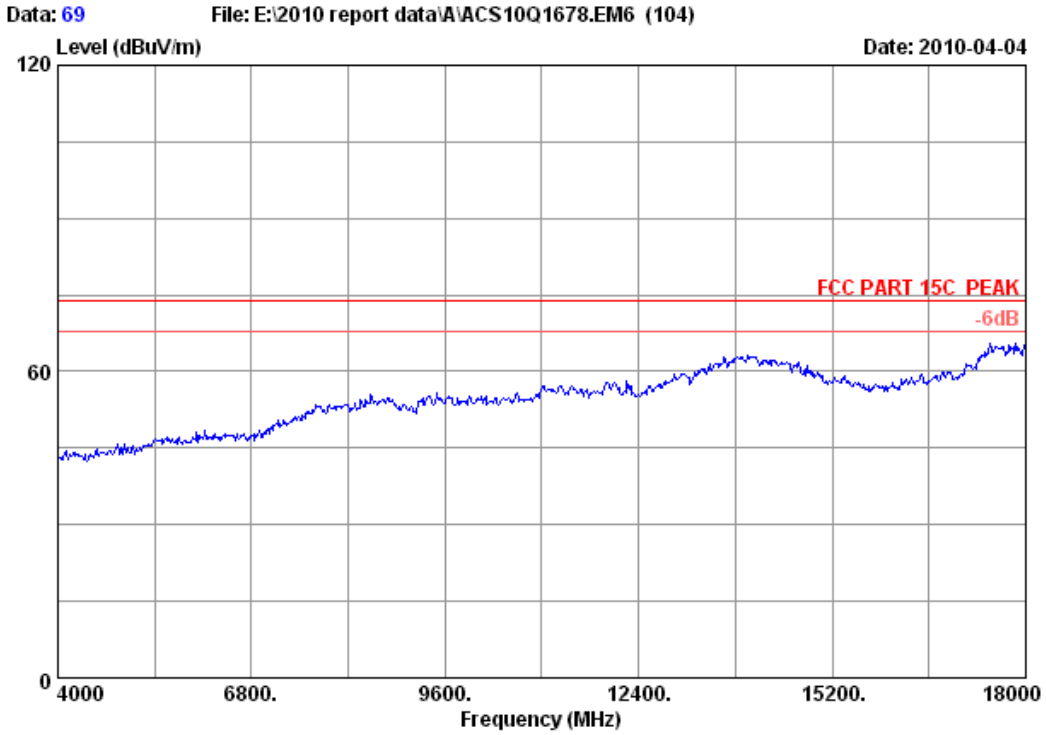
Site no. : 3m Chamber Data no. : 72
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	8.82	36.06	95.10	97.33	74.00	-23.33	Peak

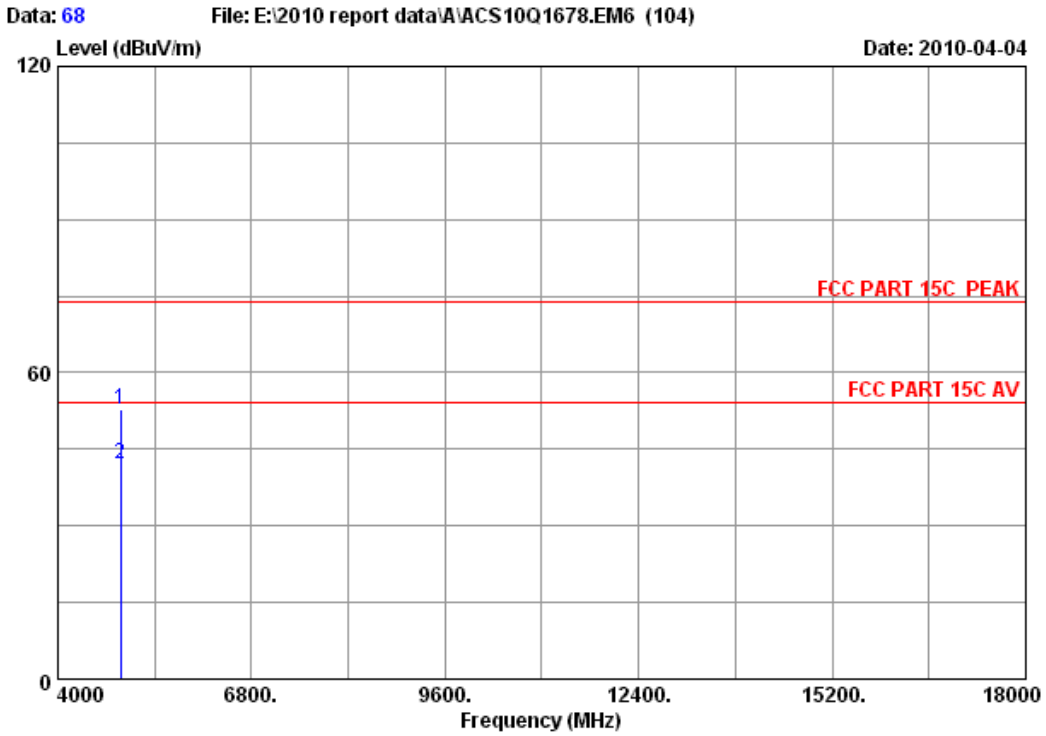
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.




```
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   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT40  CH7 2452MHz   Tx Mode
M/N           : SPADPT08
```



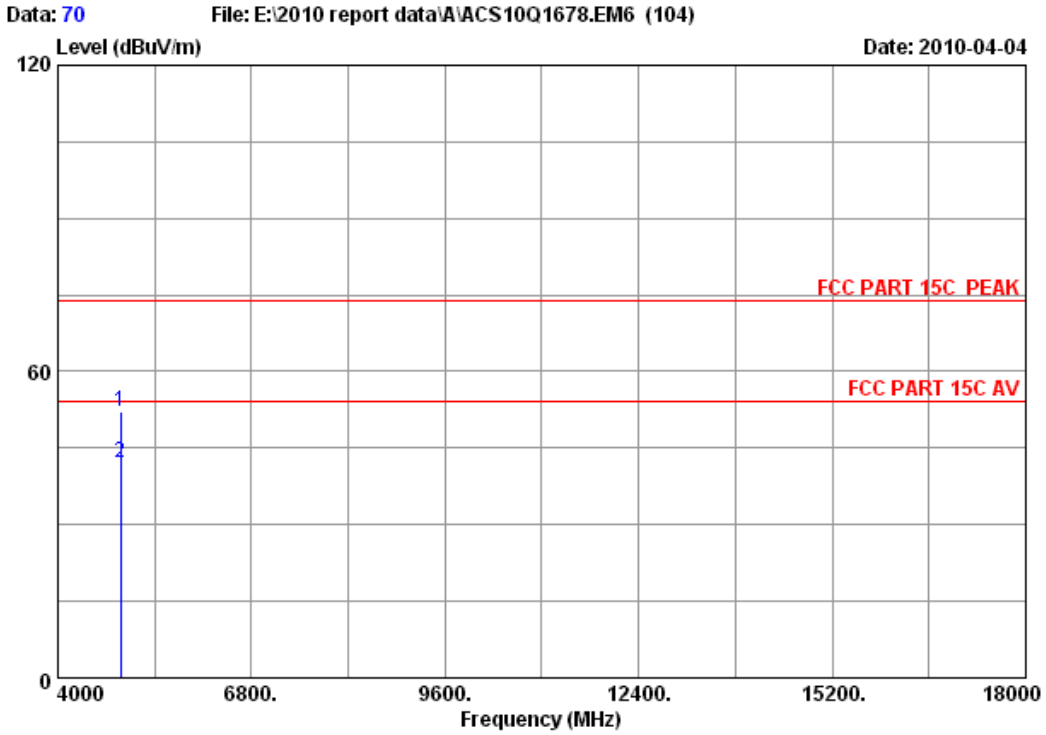

```
Site no.      : 3m Chamber                Data no.   : 69
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : iomega SP USB ADAPTOR
Power         : DC 5V From PC input AC 120V/60Hz
Test mode     : 11nHT40  CH7 2452MHz   Tx Mode
M/N           : SPADPT08
```



Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	12.47	35.27	41.04	52.70	74.00	21.30	Peak
2	4904.000	34.46	12.47	35.27	30.43	42.09	54.00	11.91	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. : 70
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	12.47	35.27	40.47	52.13	74.00	21.87	Peak
2	4904.000	34.46	12.47	35.27	30.49	42.15	54.00	11.85	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.

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	SUCOFLEX102	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.

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.

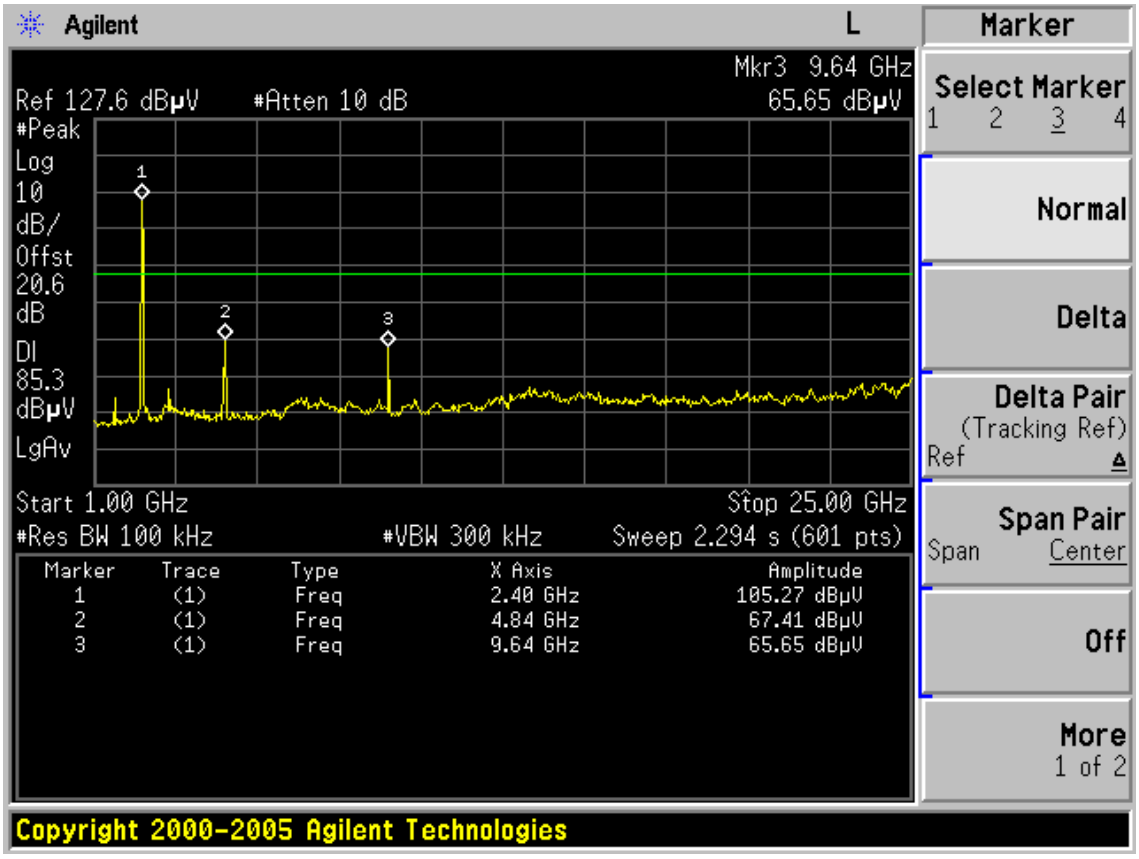
5.4.Test result

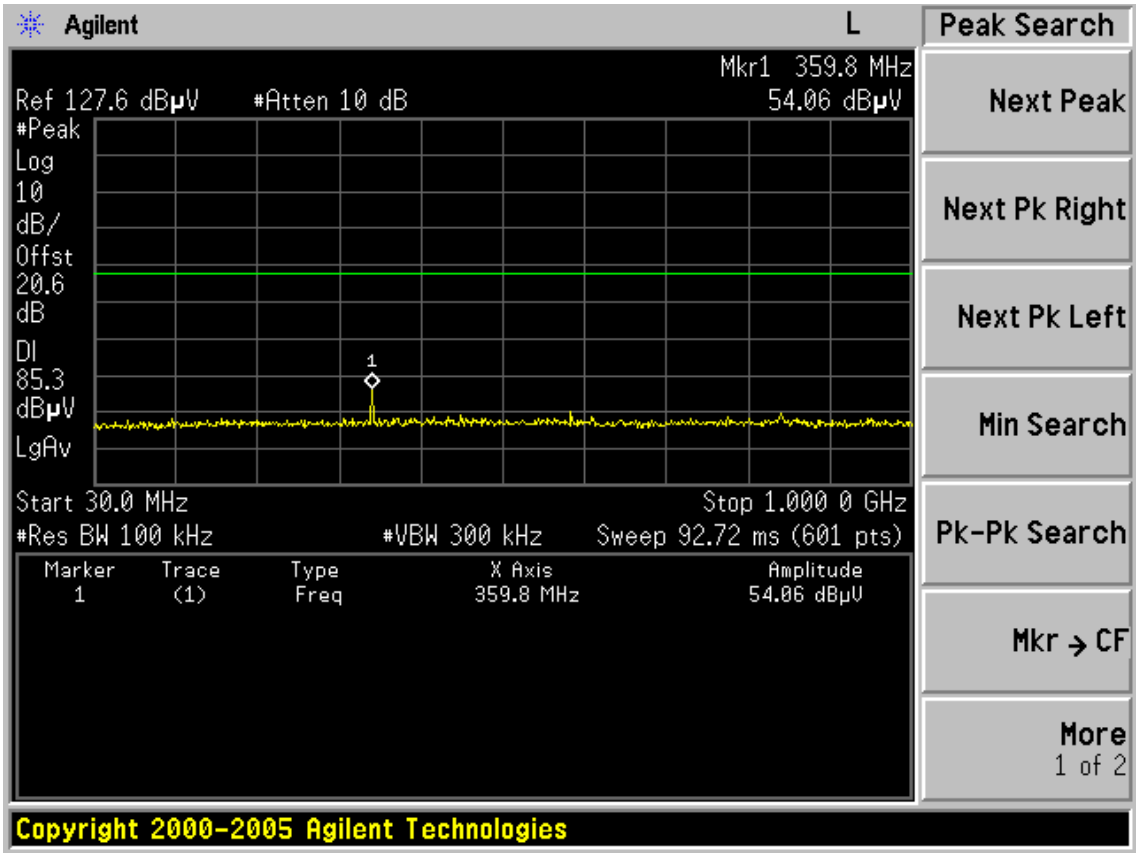
PASS (The testing data was attached in the next pages.)

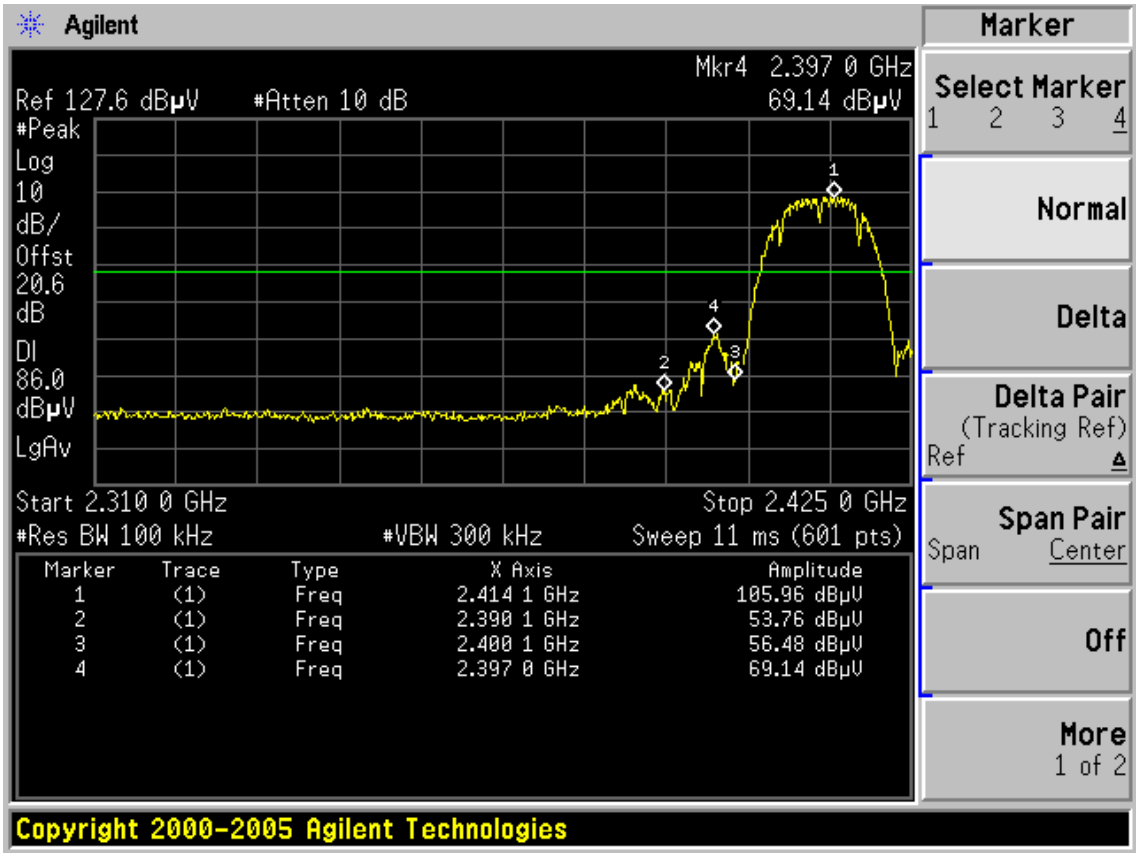
Conducted emission test data:

Chain 0:

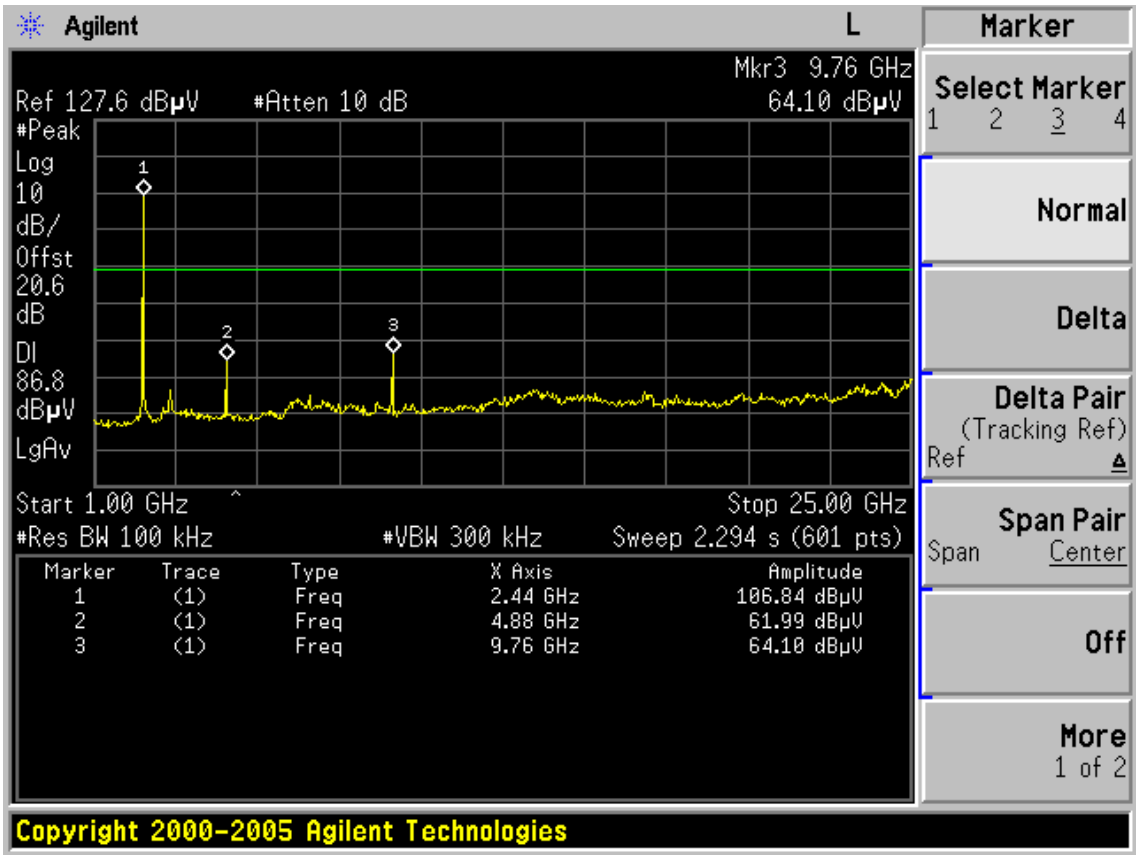
Test Mode: IEEE 802.11b TX Test CH1: 2412MHz

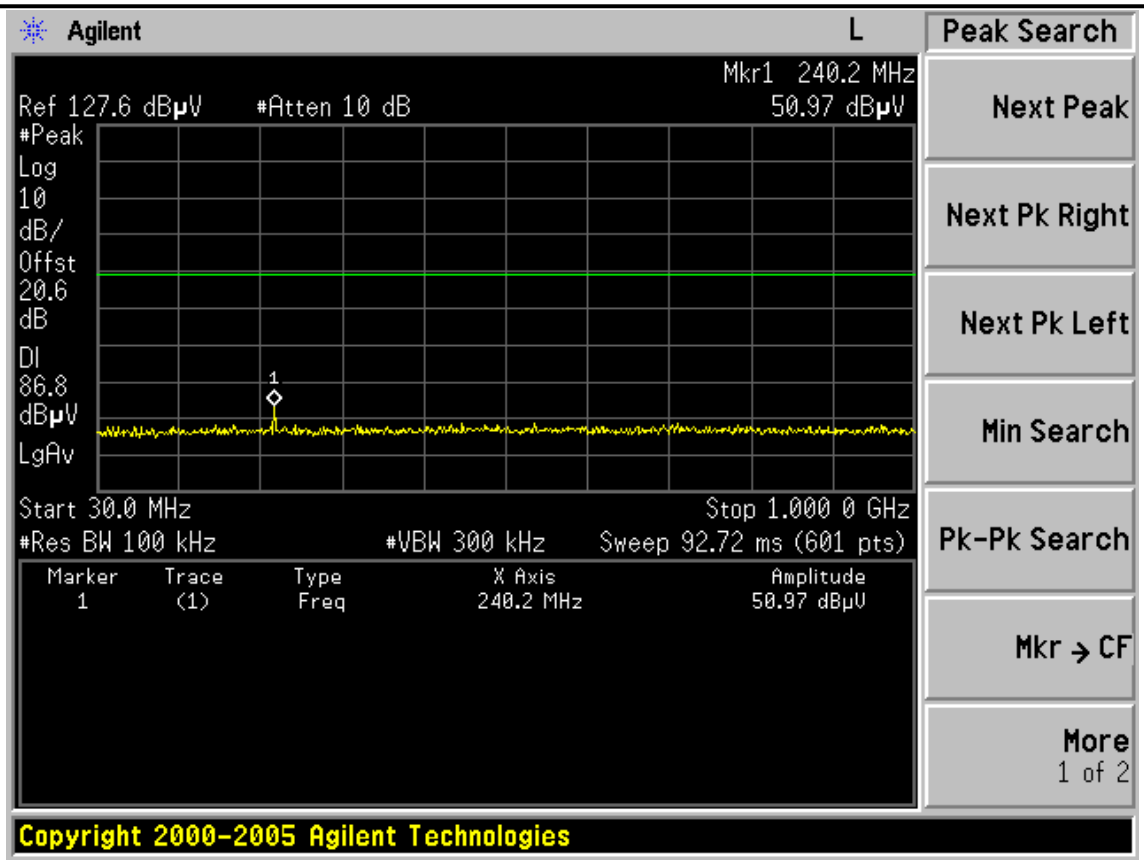




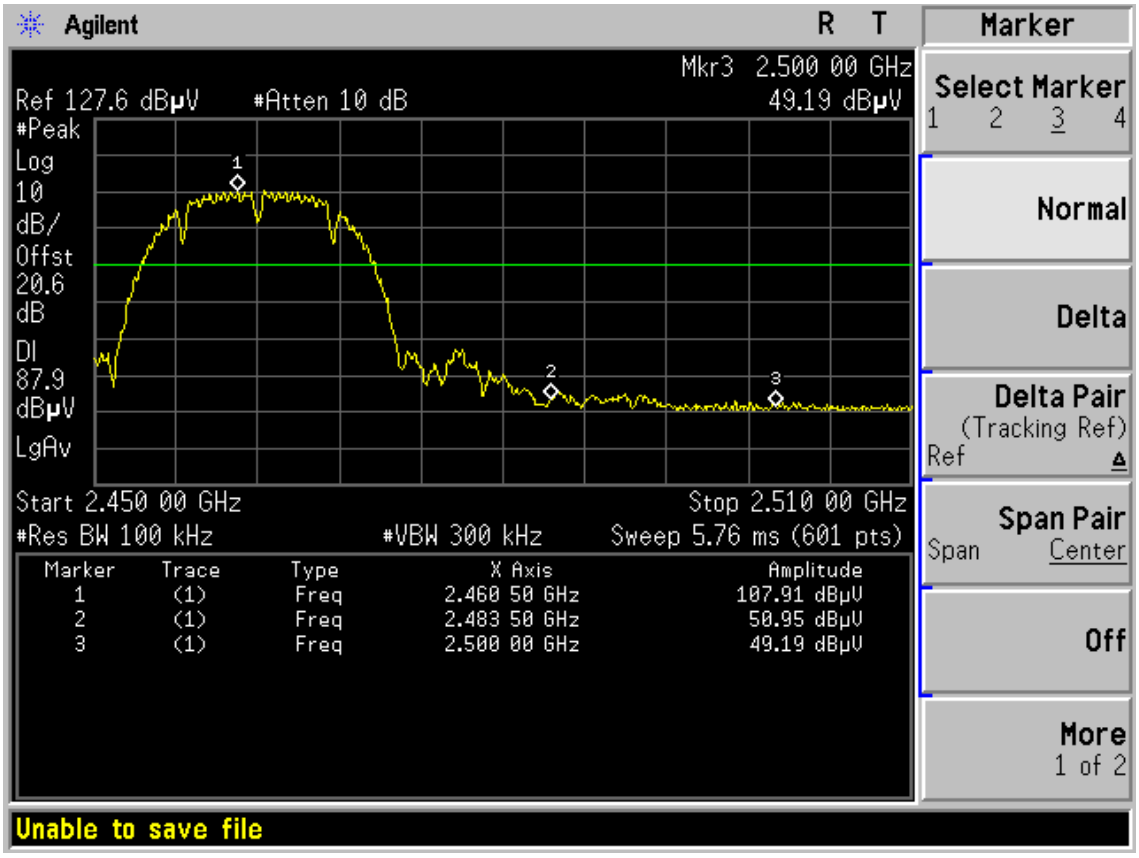


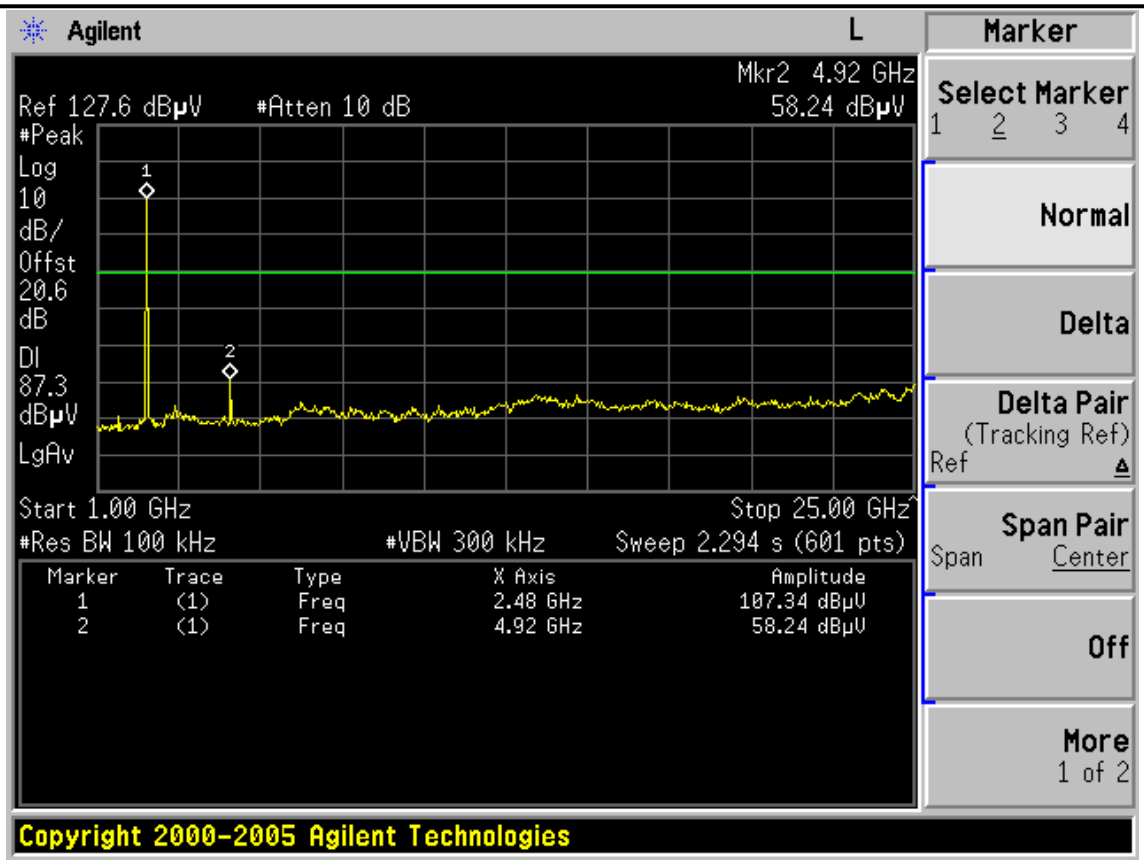
Test CH6: 2437MHz

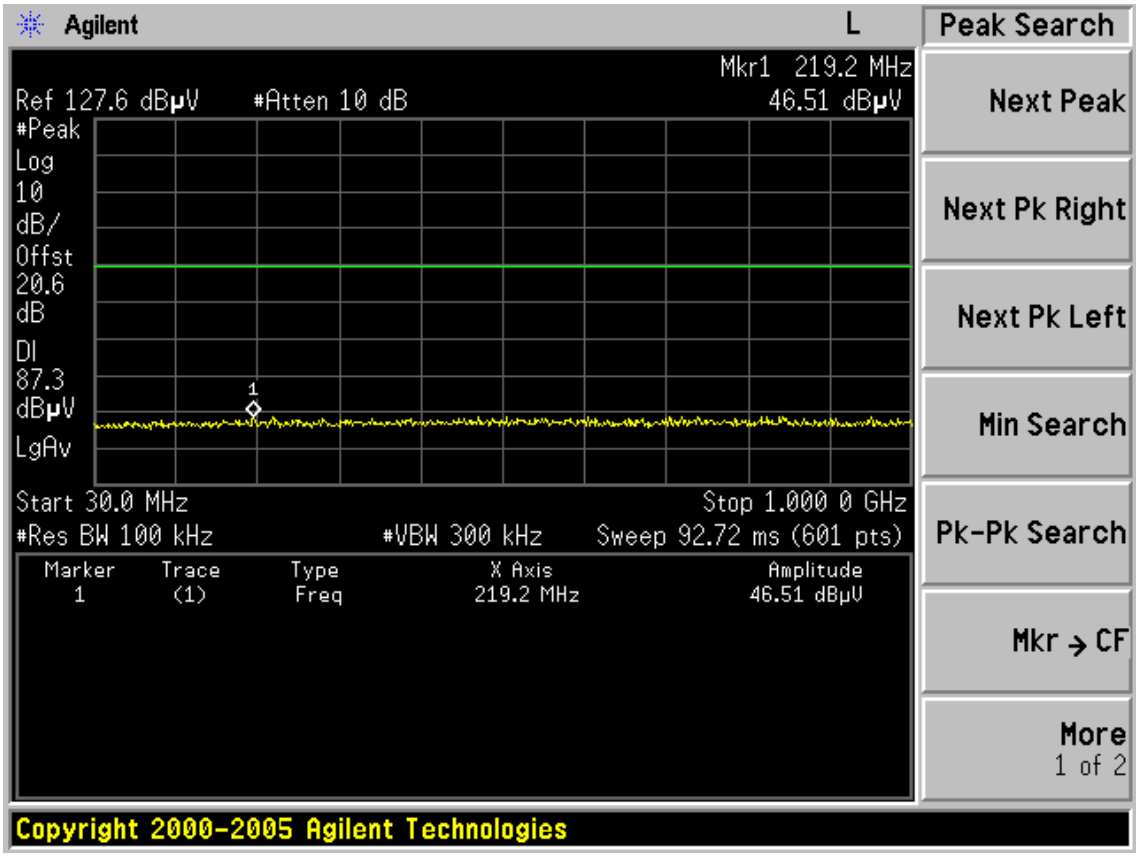




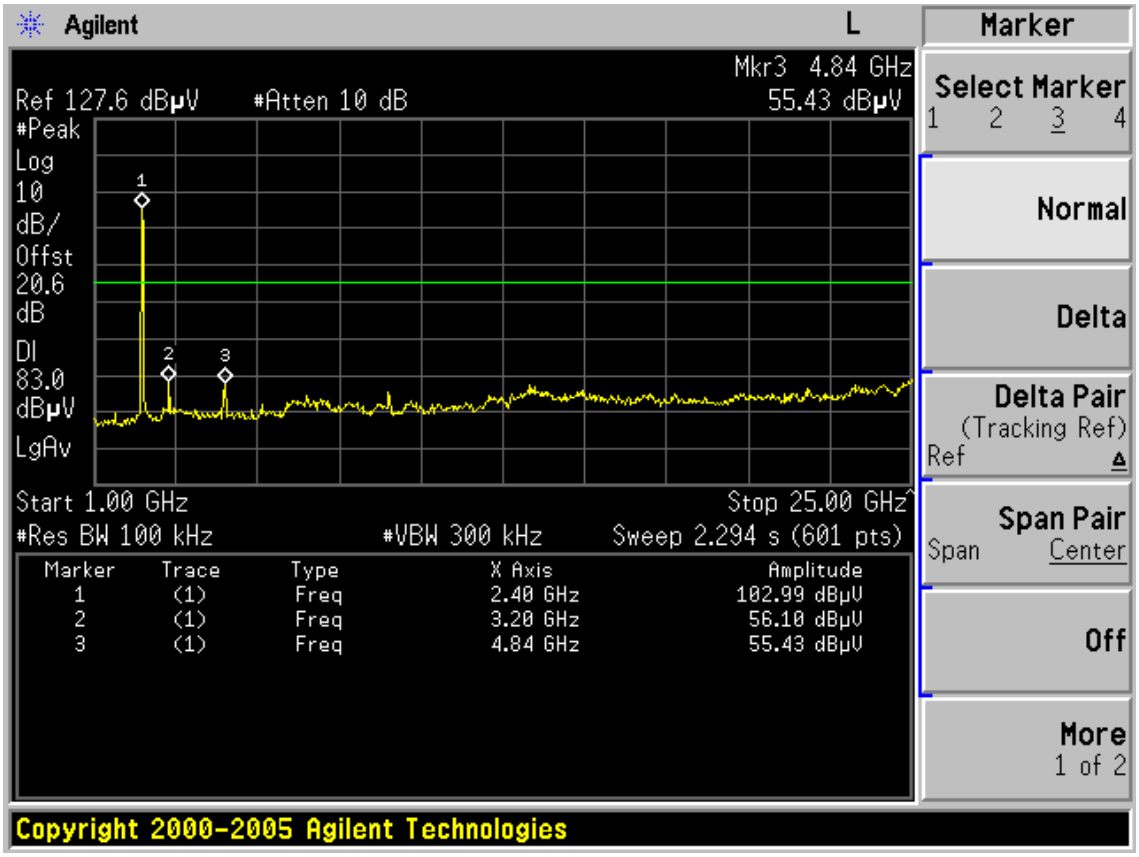
Test CH11: 2462MHz

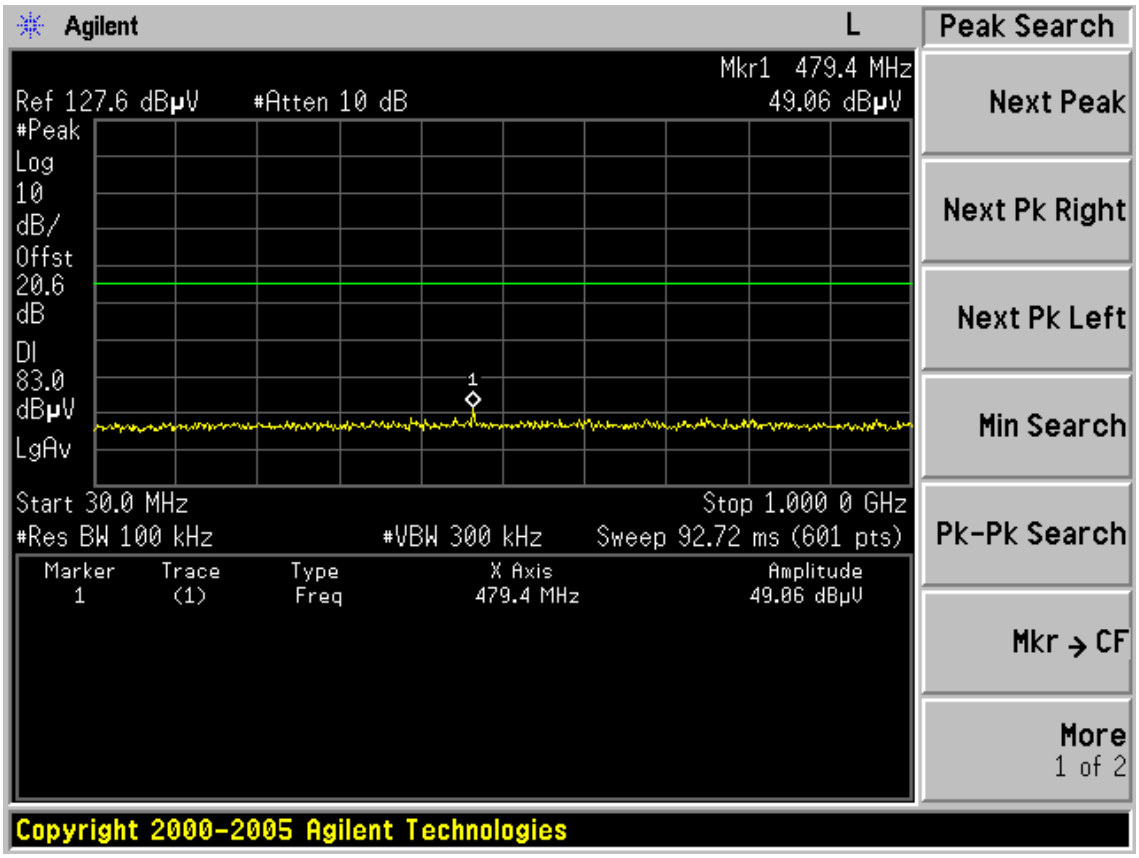


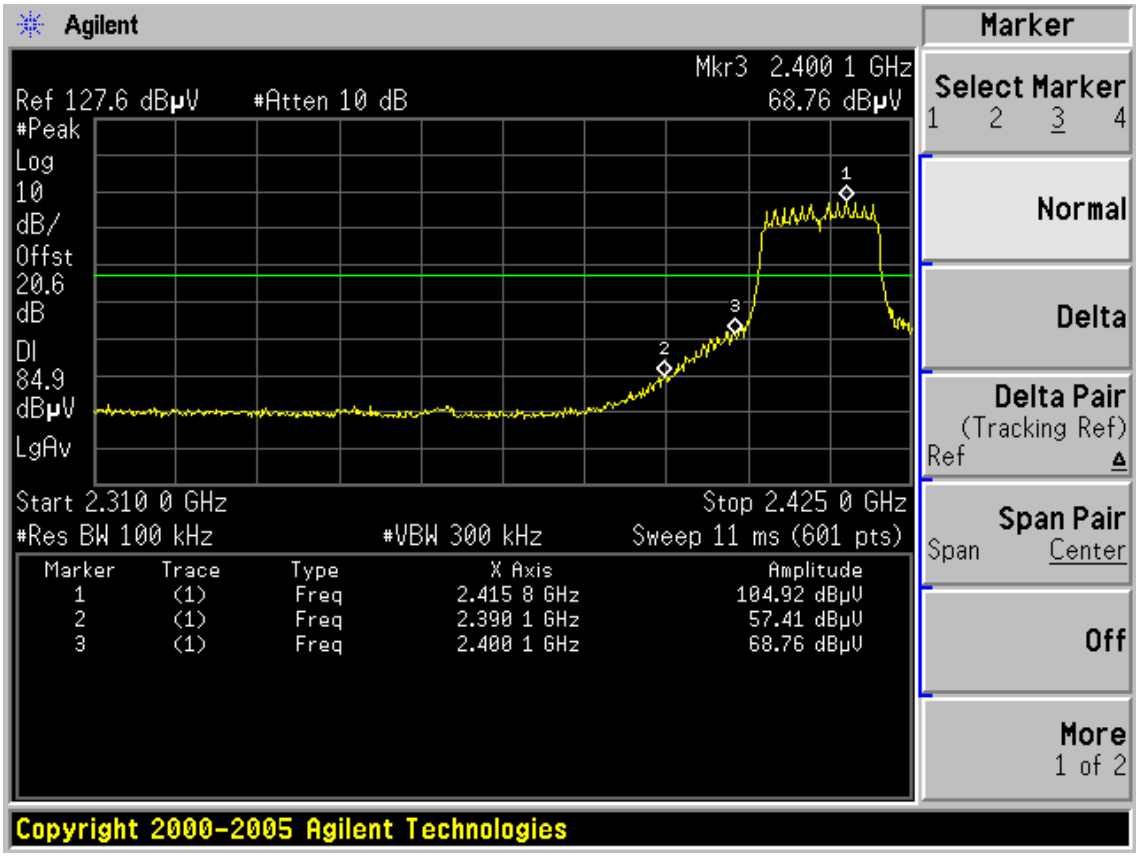

Agilent
L
Marker
Mkr2 4.92 GHz
Ref 127.6 dBµV
#Atten 10 dB
58.24 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.3
dBµV
LgAv
Start 1.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.294 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.48 GHz 107.34 dBµV
2 (1) Freq 4.92 GHz 58.24 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
L
Peak Search
Mkr1 219.2 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.51 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.3
dBµV
LgAv
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 219.2 MHz 46.51 dBµV
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

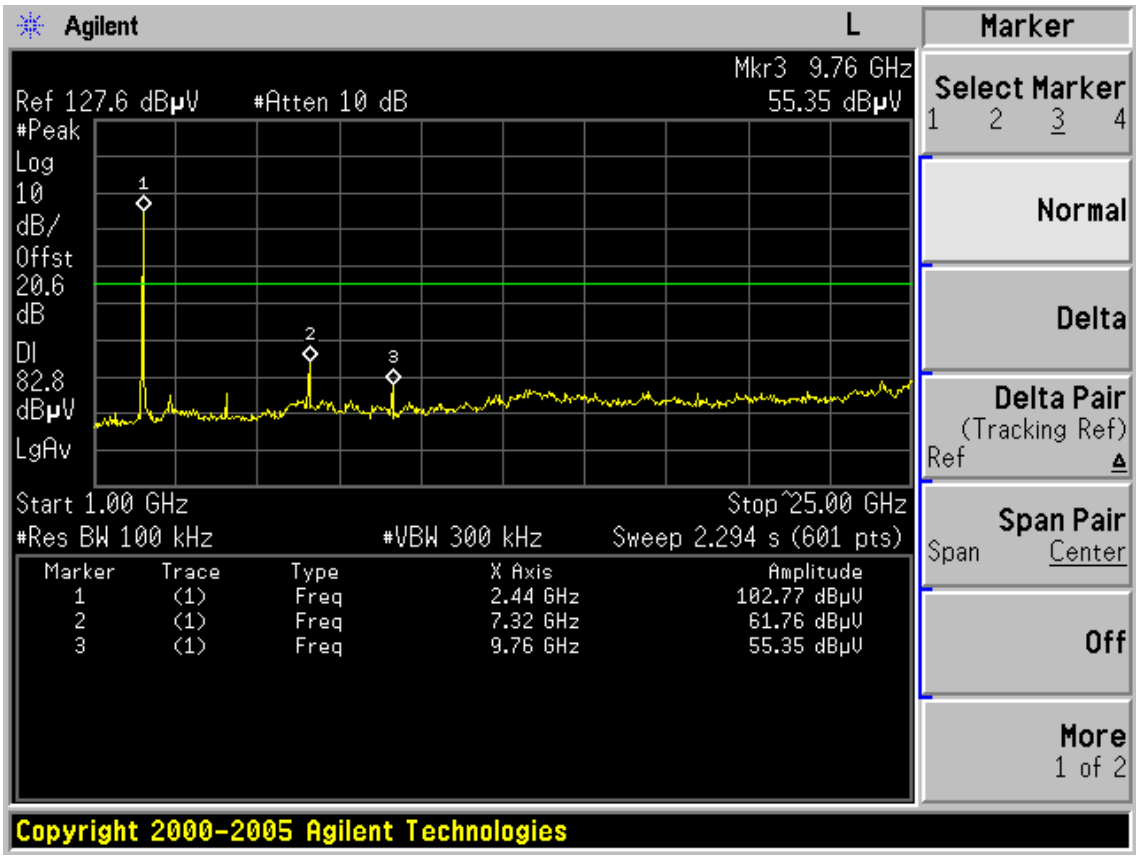
Test Mode: IEEE 802.11g TX
Test CH1: 2412MHz

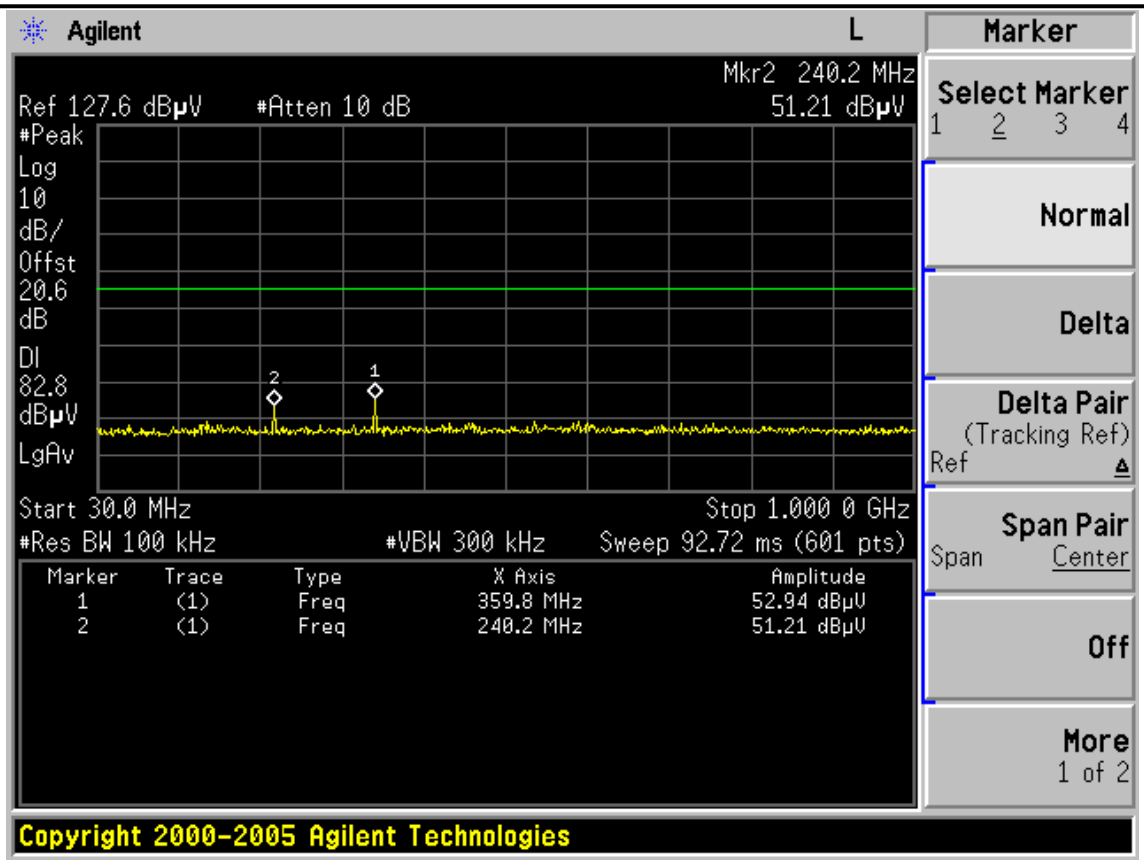




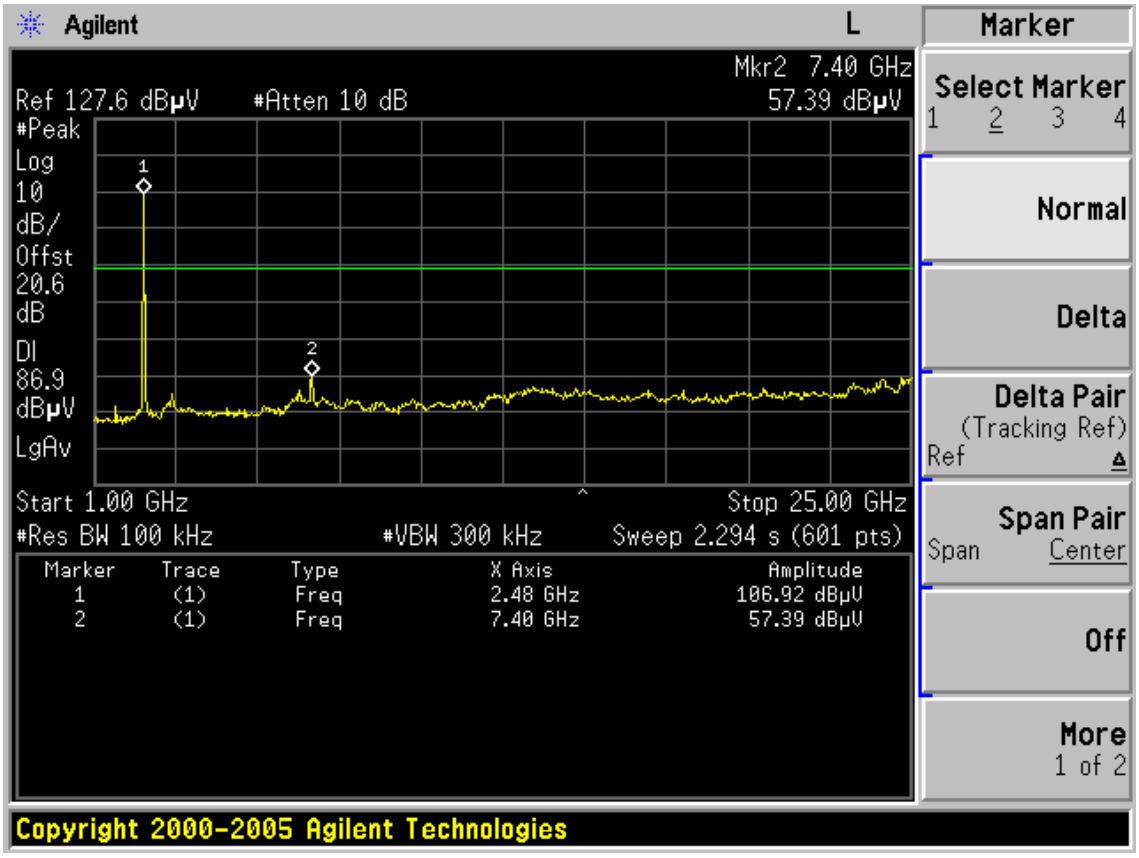


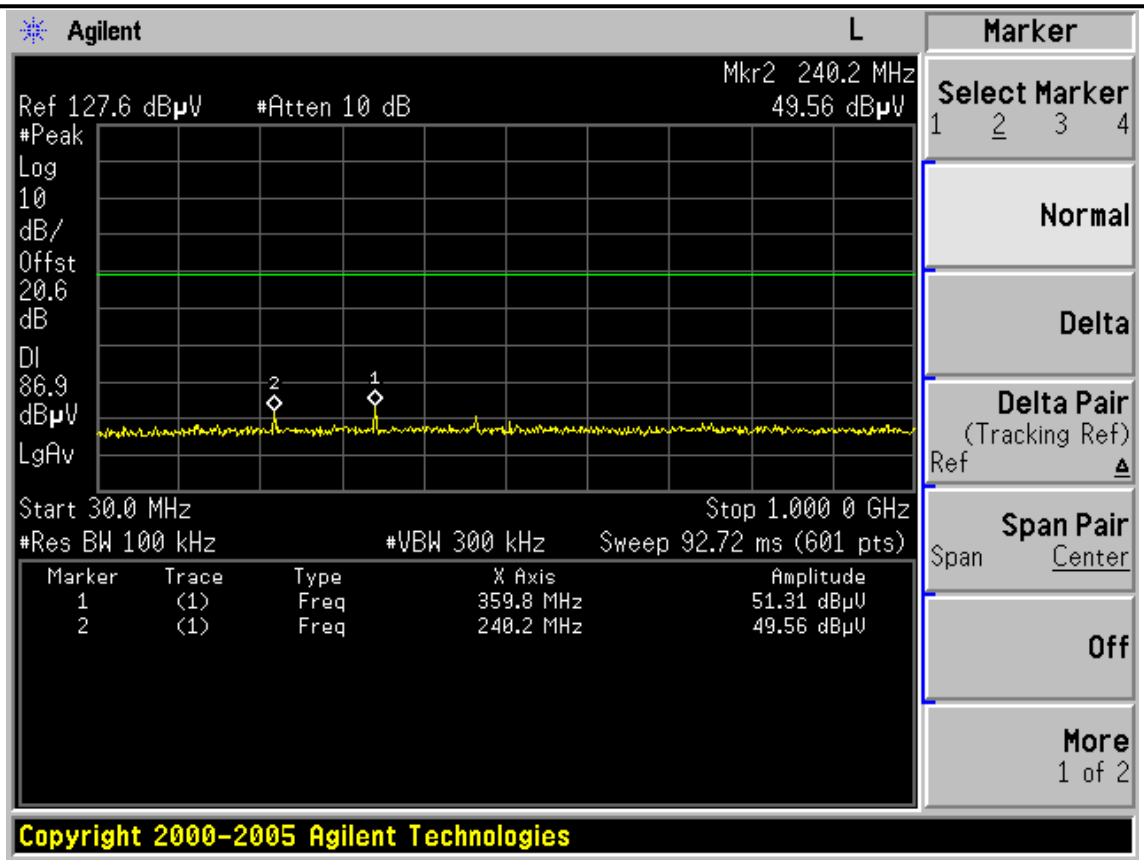
Test CH6: 2437MHz

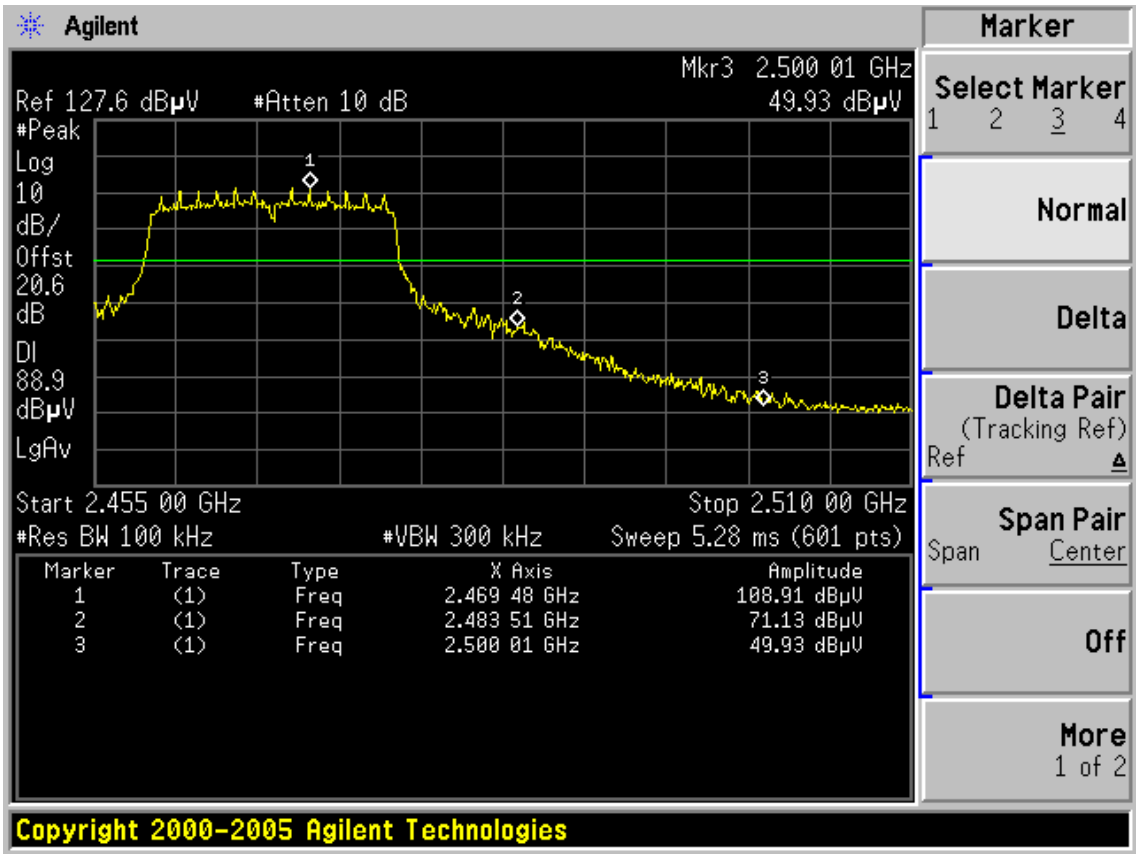




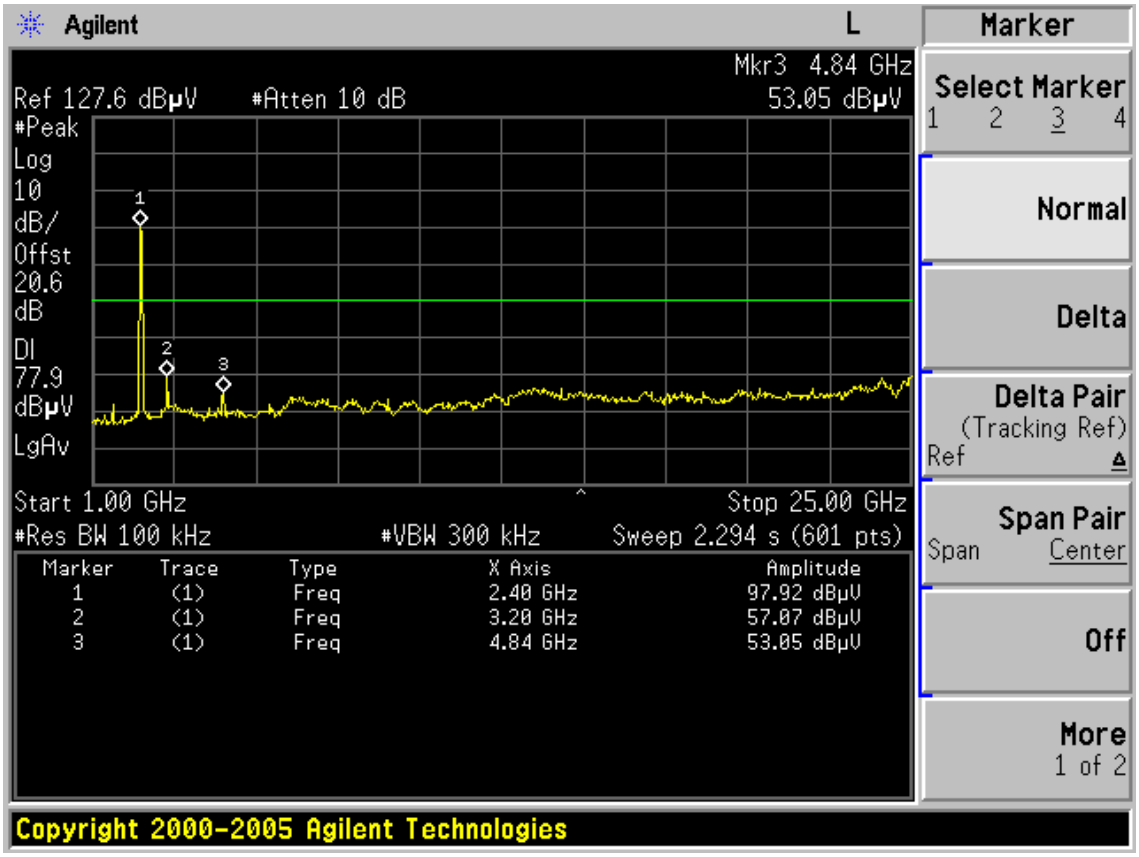
Test CH11: 2462MHz

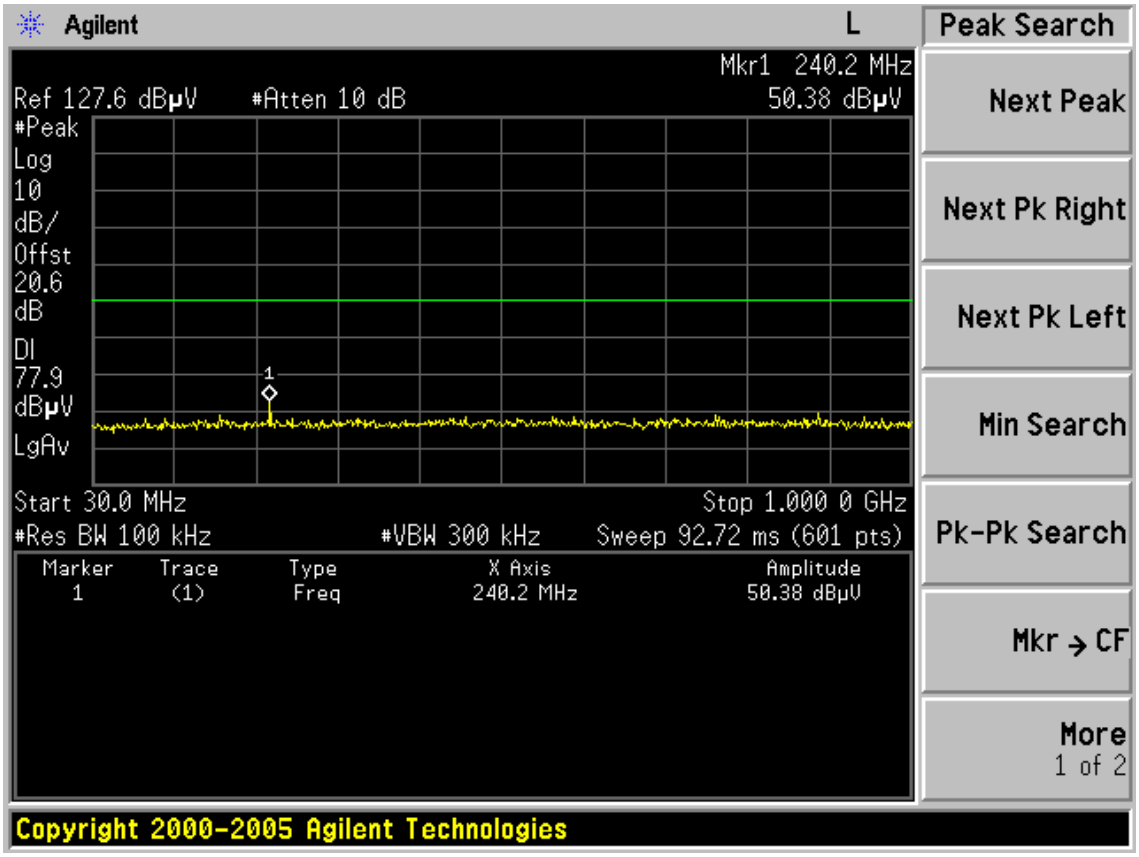


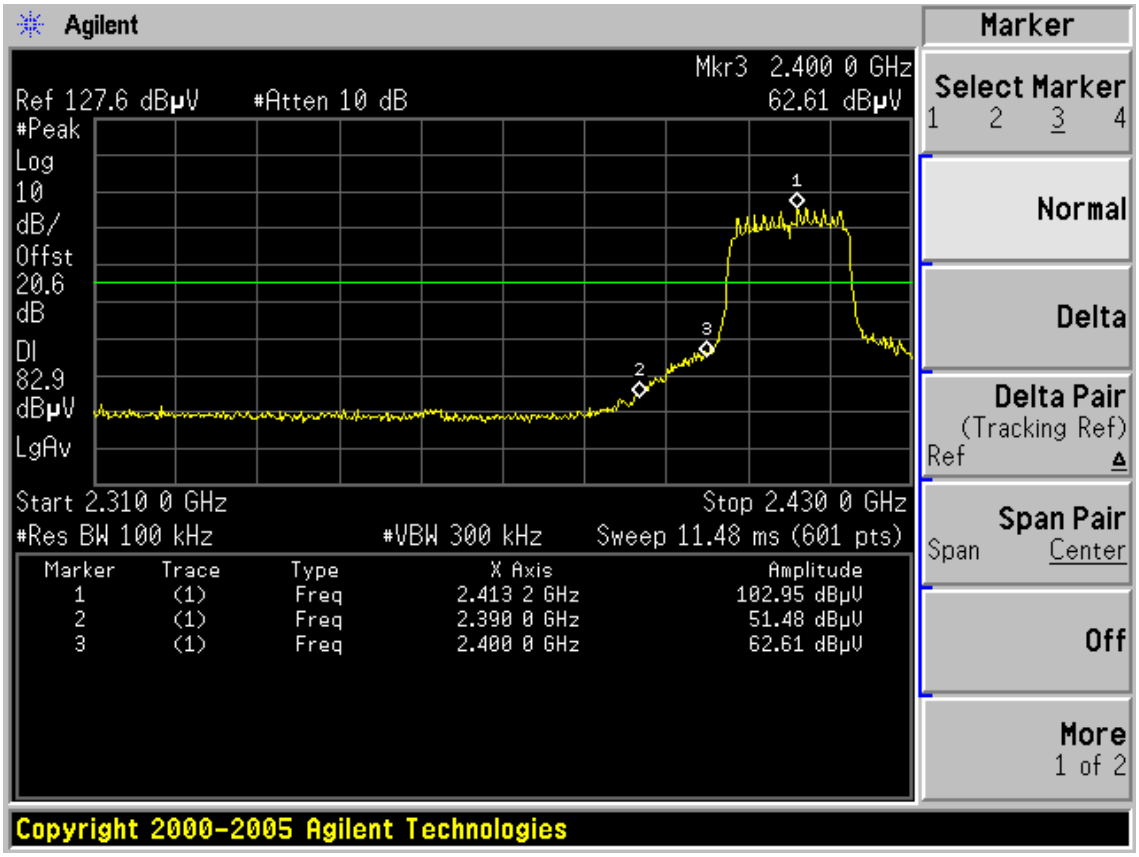

Agilent
L
Marker
Mkr2 240.2 MHz
Ref 127.6 dBµV
#Atten 10 dB
49.56 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.9
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 359.8 MHz 51.31 dBµV
2 (1) Freq 240.2 MHz 49.56 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Marker
Mkr3 2.500 01 GHz
Ref 127.6 dBµV
#Atten 10 dB
49.93 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
88.9
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 2.455 00 GHz
Stop 2.510 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.469 48 GHz 108.91 dBµV
2 (1) Freq 2.483 51 GHz 71.13 dBµV
3 (1) Freq 2.500 01 GHz 49.93 dBµV
Copyright 2000-2005 Agilent Technologies

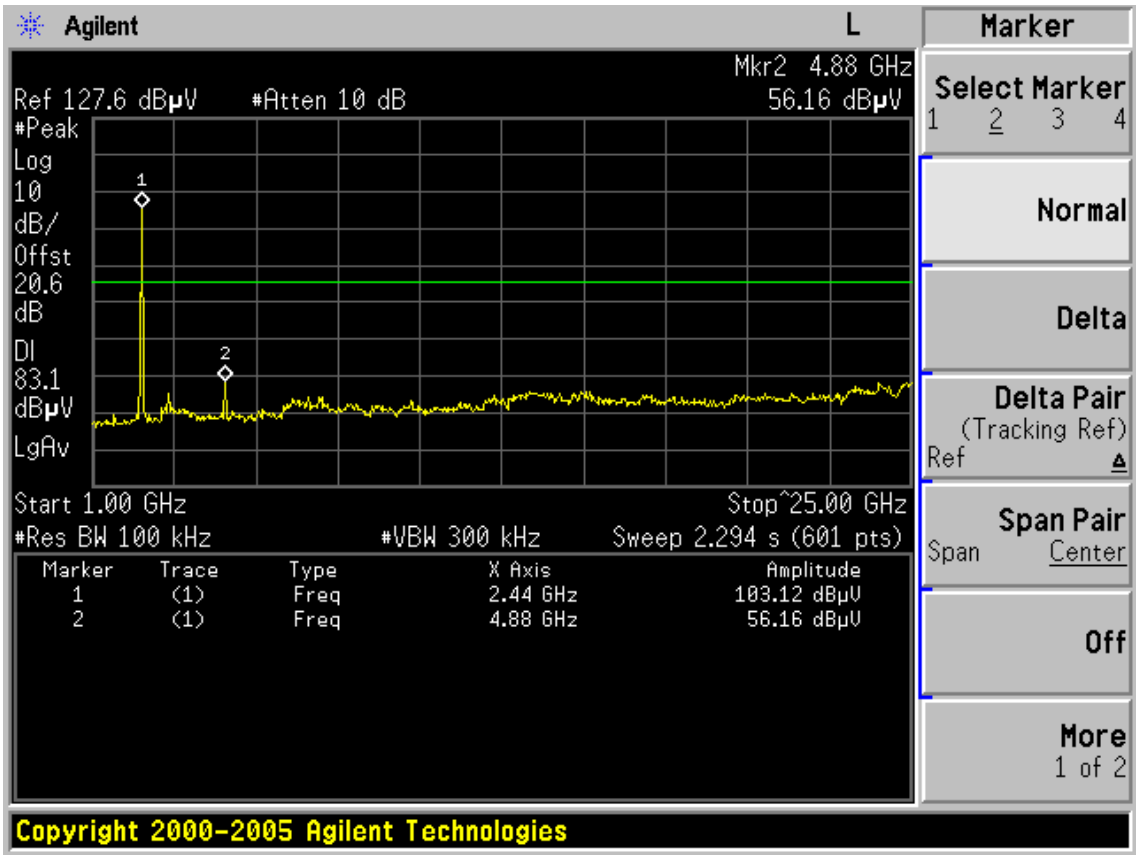
Test Mode: IEEE 802.11n HT20 TX
Test CH1: 2412MHz

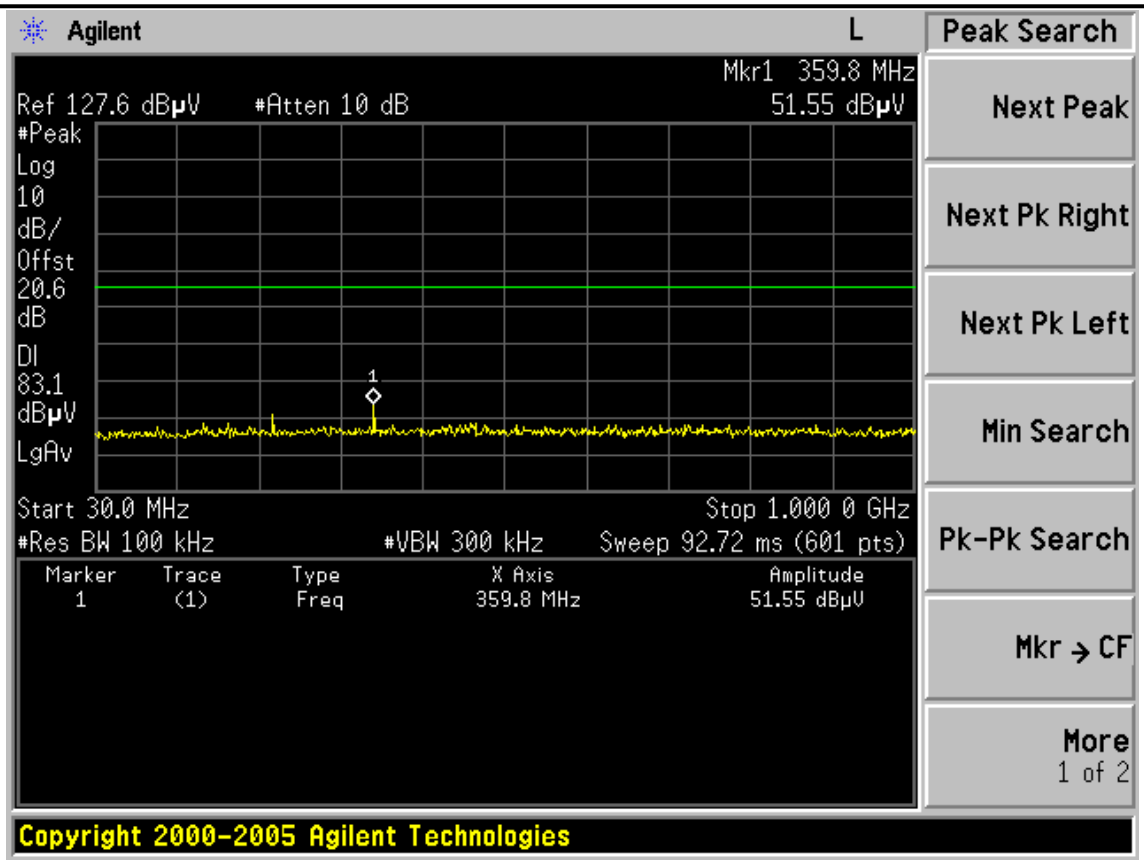




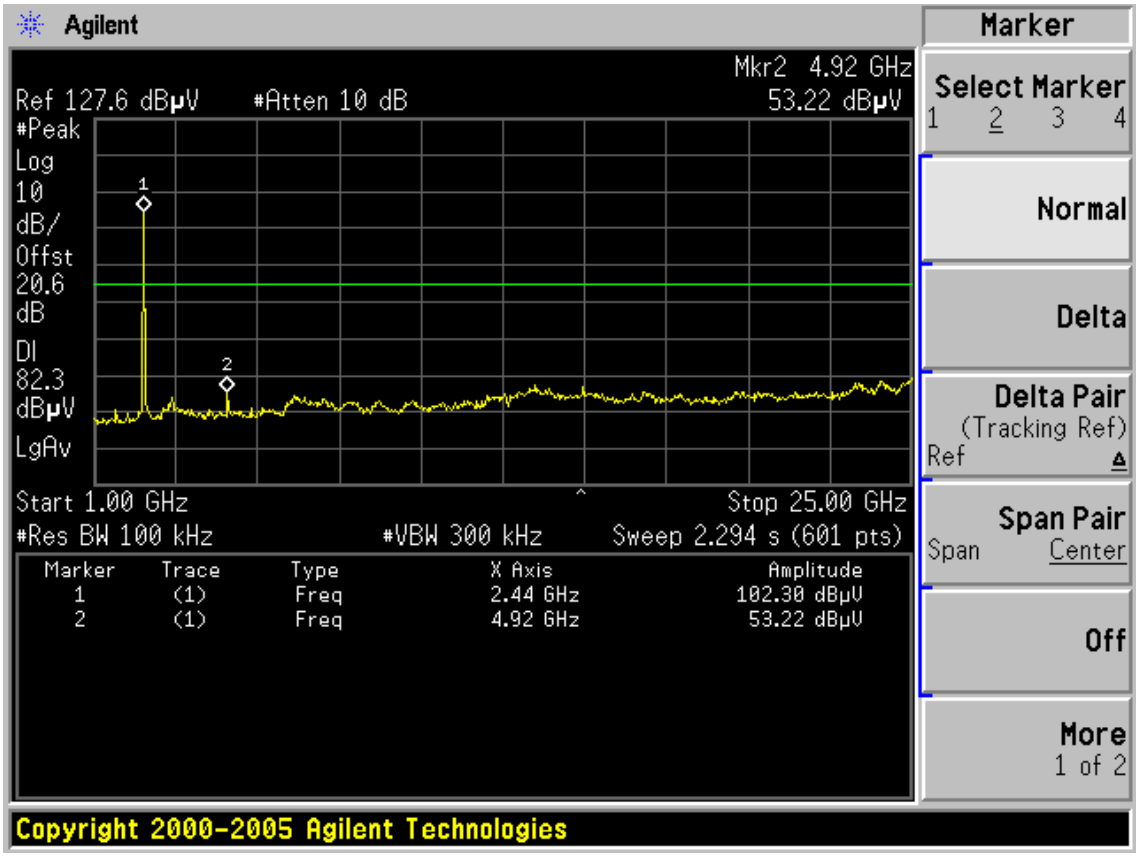


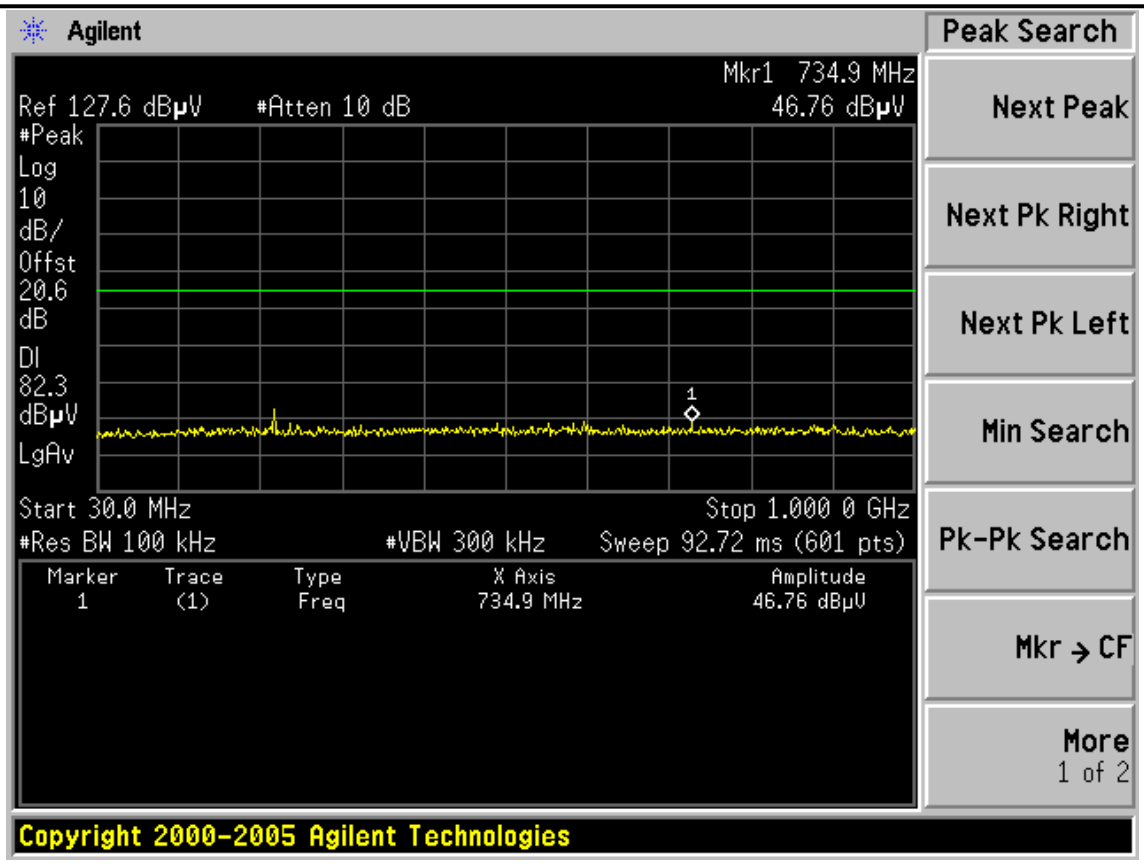
Test CH6: 2437MHz

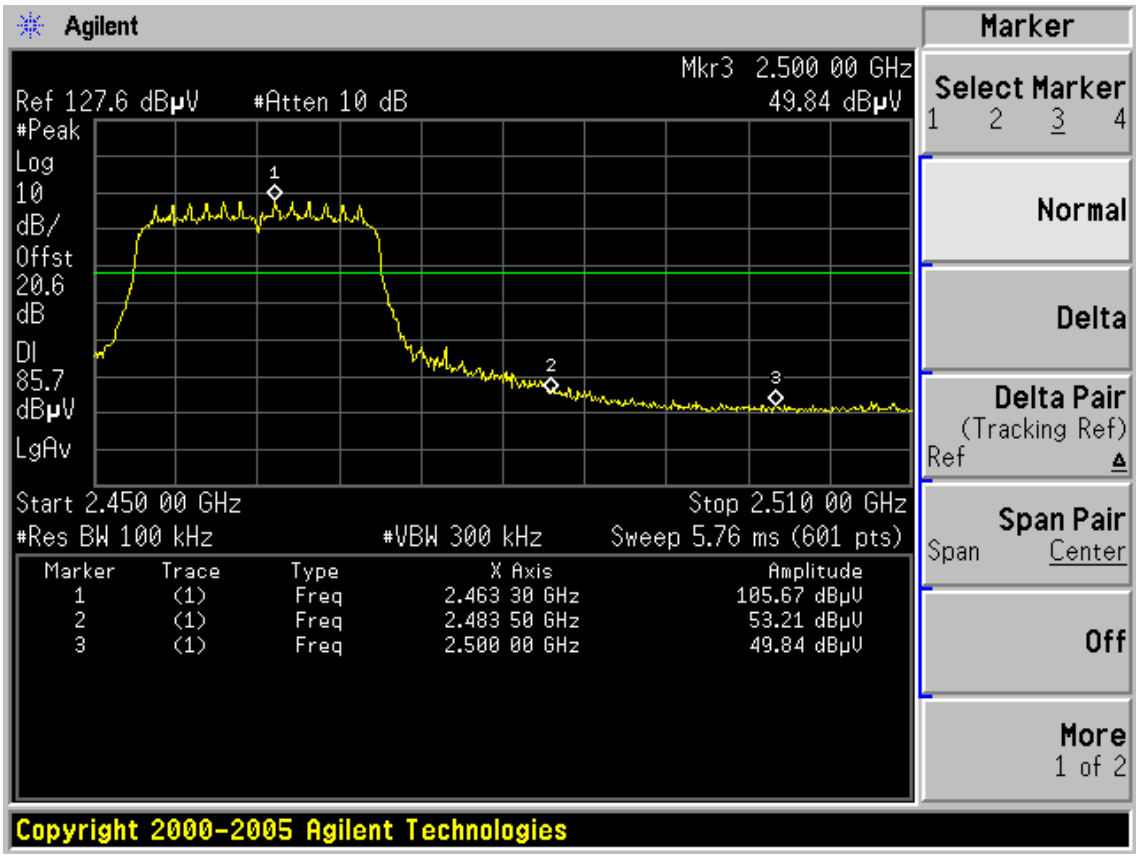




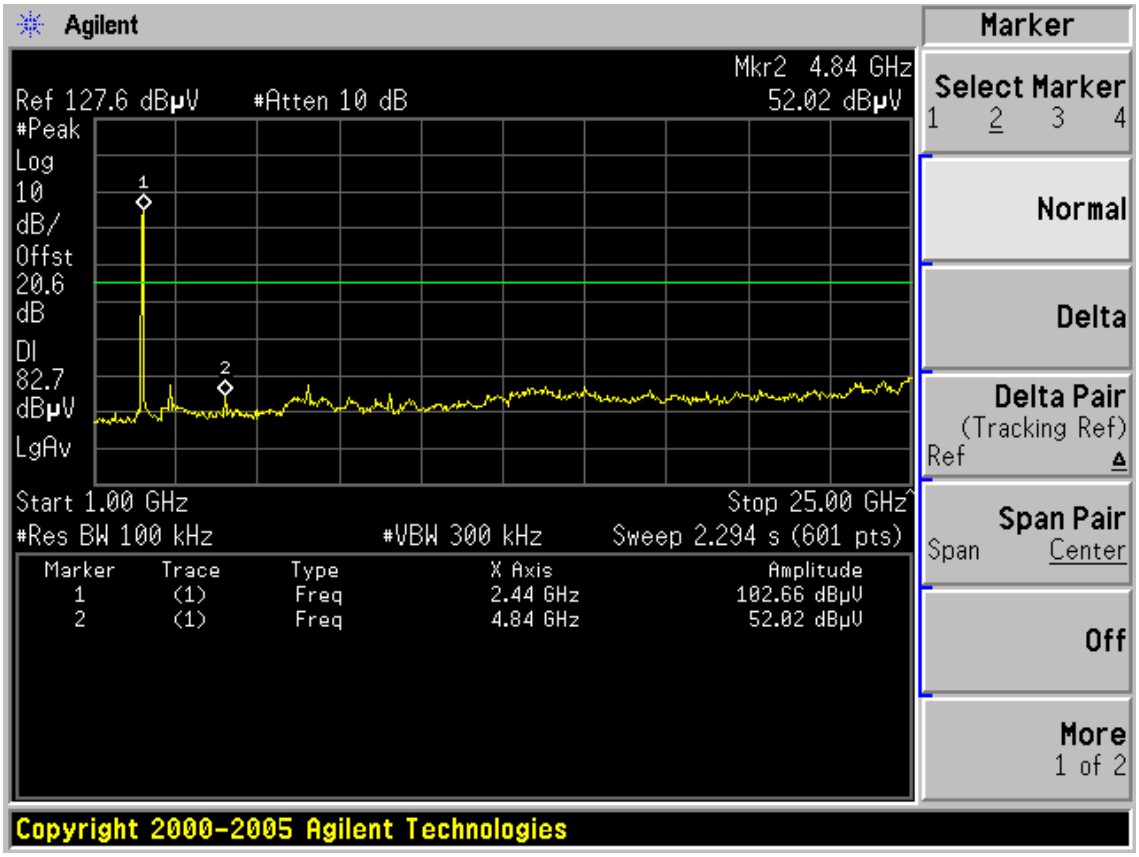
Test CH11: 2462MHz

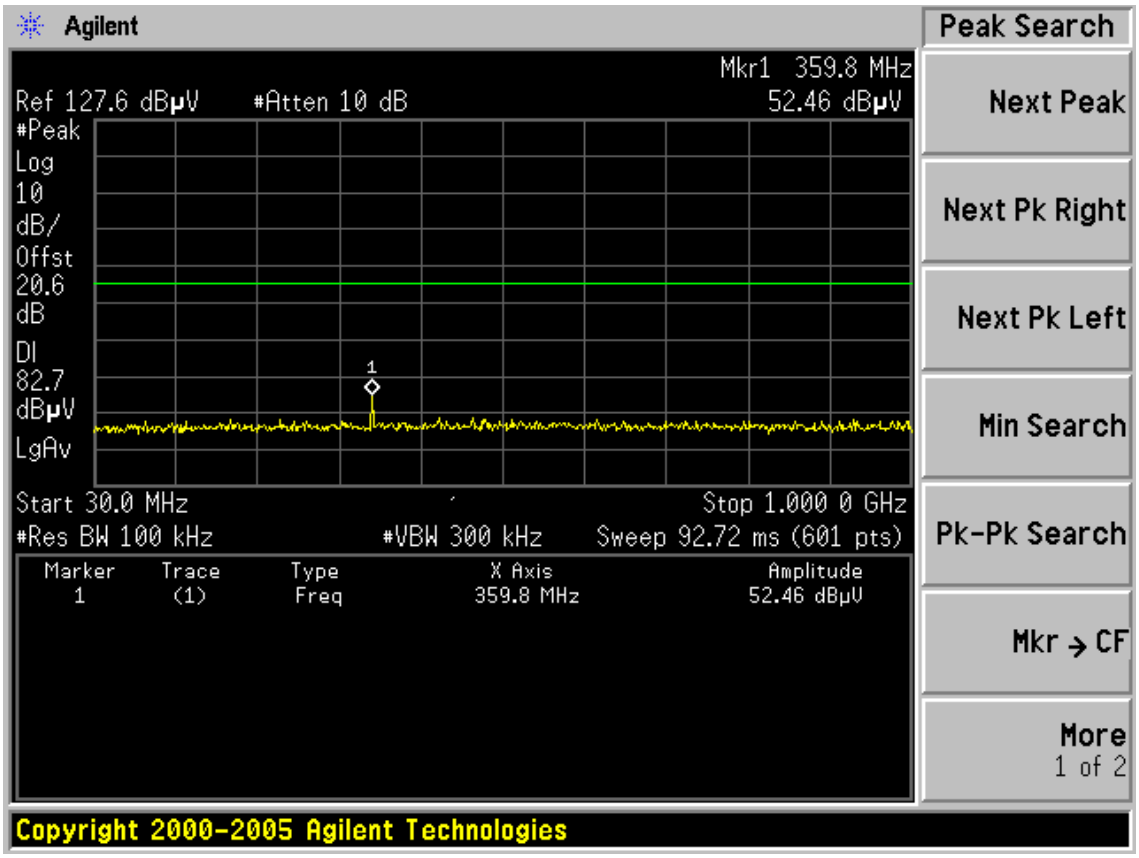


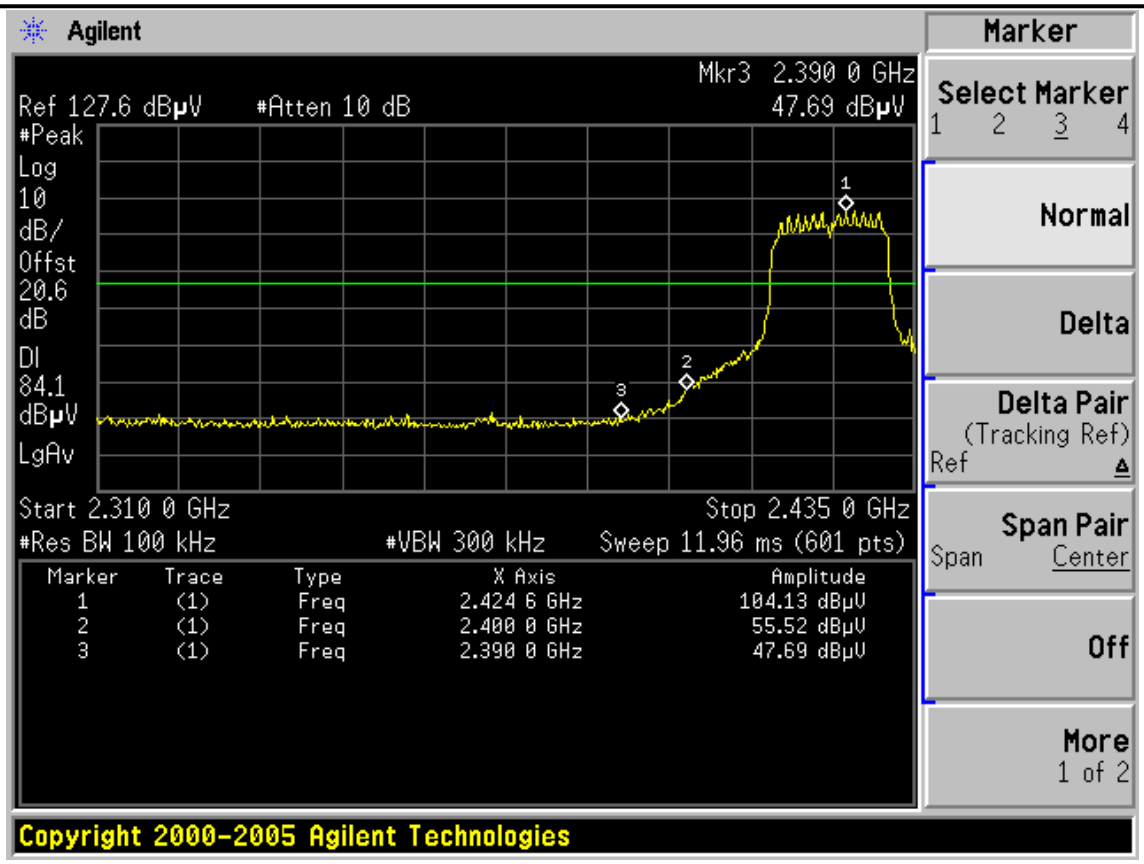

Agilent
Peak Search
Mkr1 734.9 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.76 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 734.9 MHz 46.76 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Marker
Mkr3 2.500 00 GHz
Ref 127.6 dBµV
#Atten 10 dB
49.84 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.7
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 2.450 00 GHz
Stop 2.510 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.463 30 GHz 105.67 dBµV
2 (1) Freq 2.483 50 GHz 53.21 dBµV
3 (1) Freq 2.500 00 GHz 49.84 dBµV
Copyright 2000-2005 Agilent Technologies

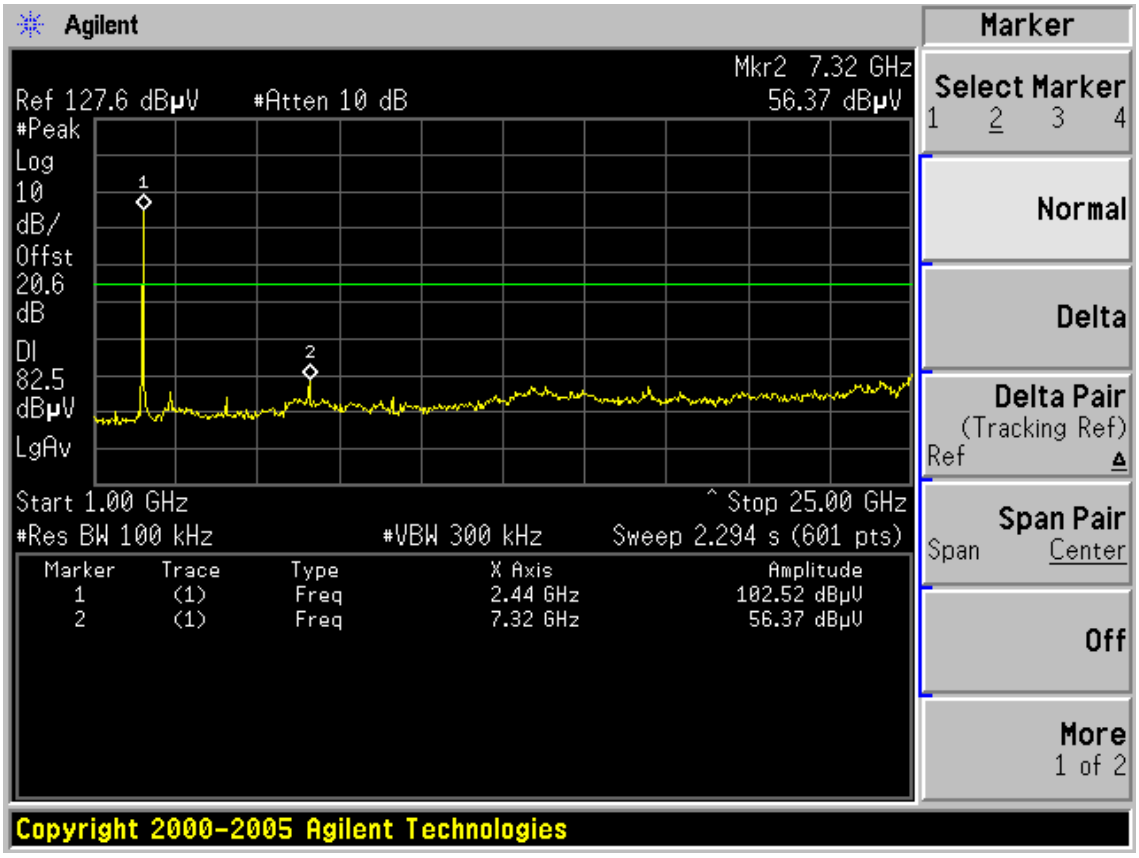
Test Mode: IEEE 802.11n HT40 TX
Test CH1: 2422MHz

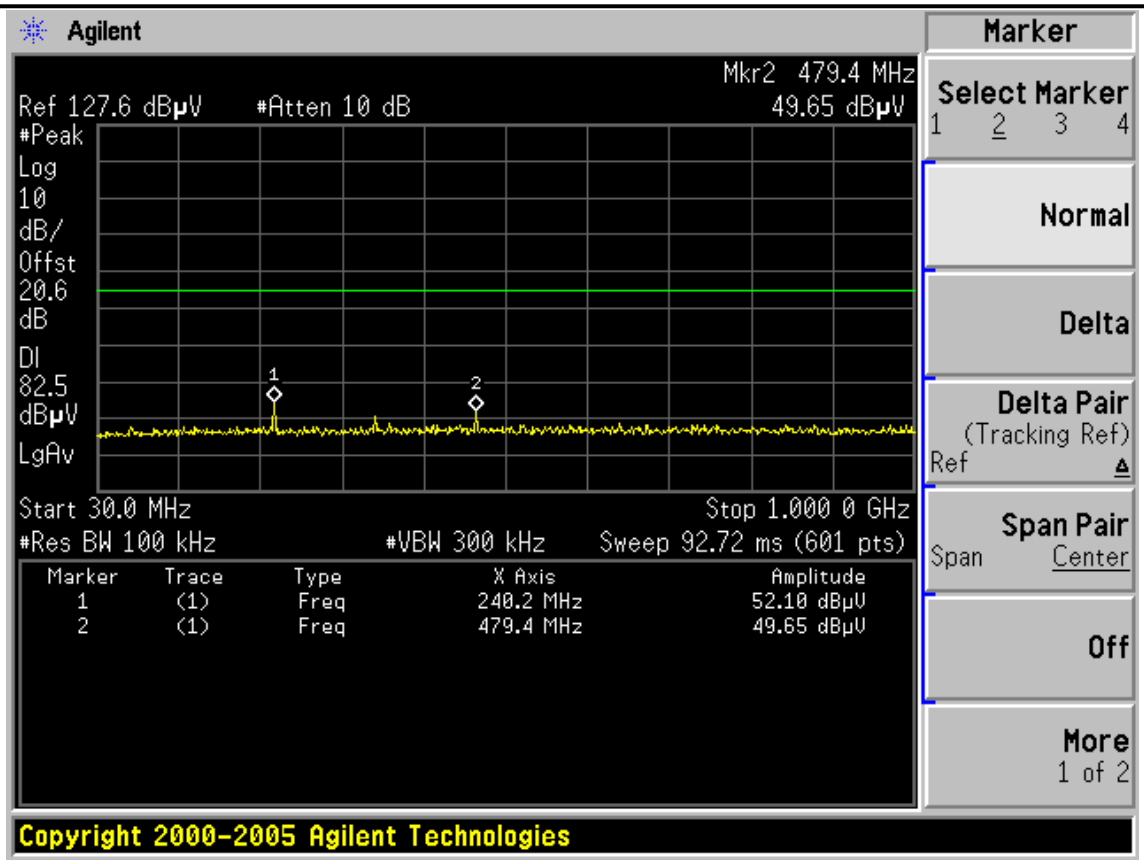




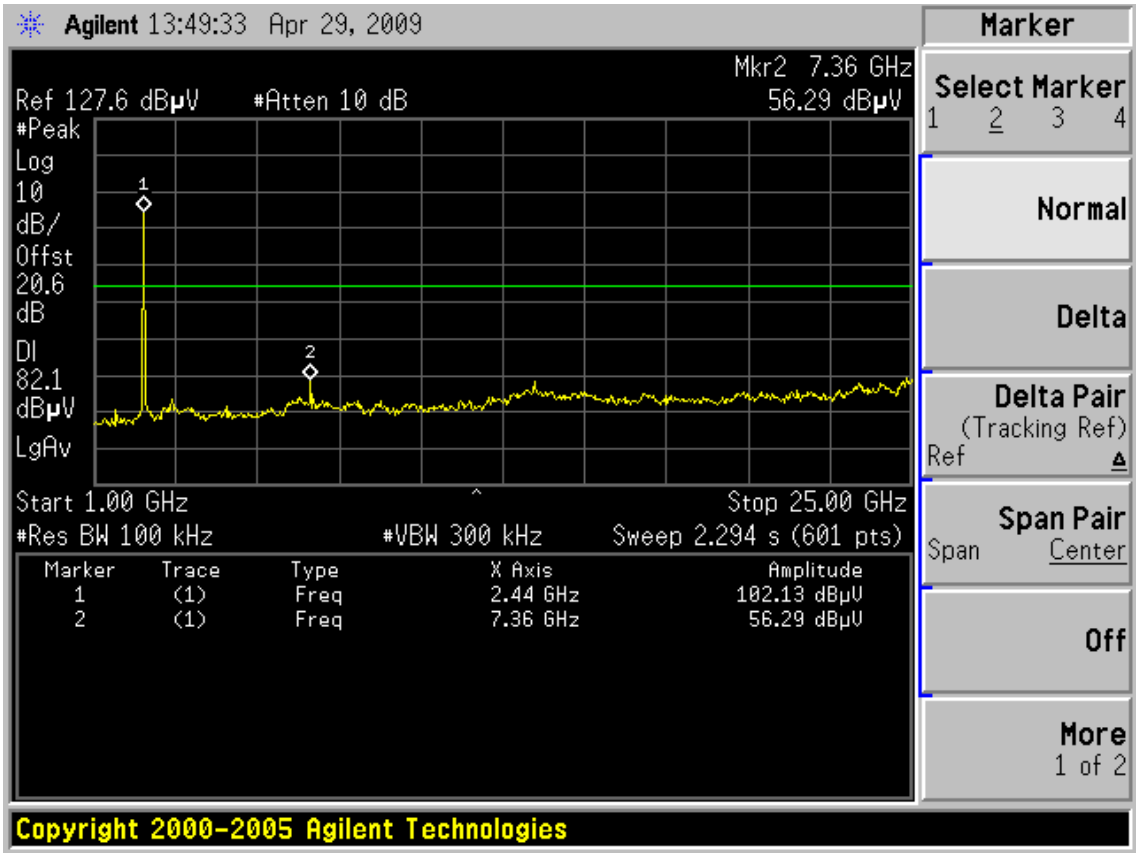


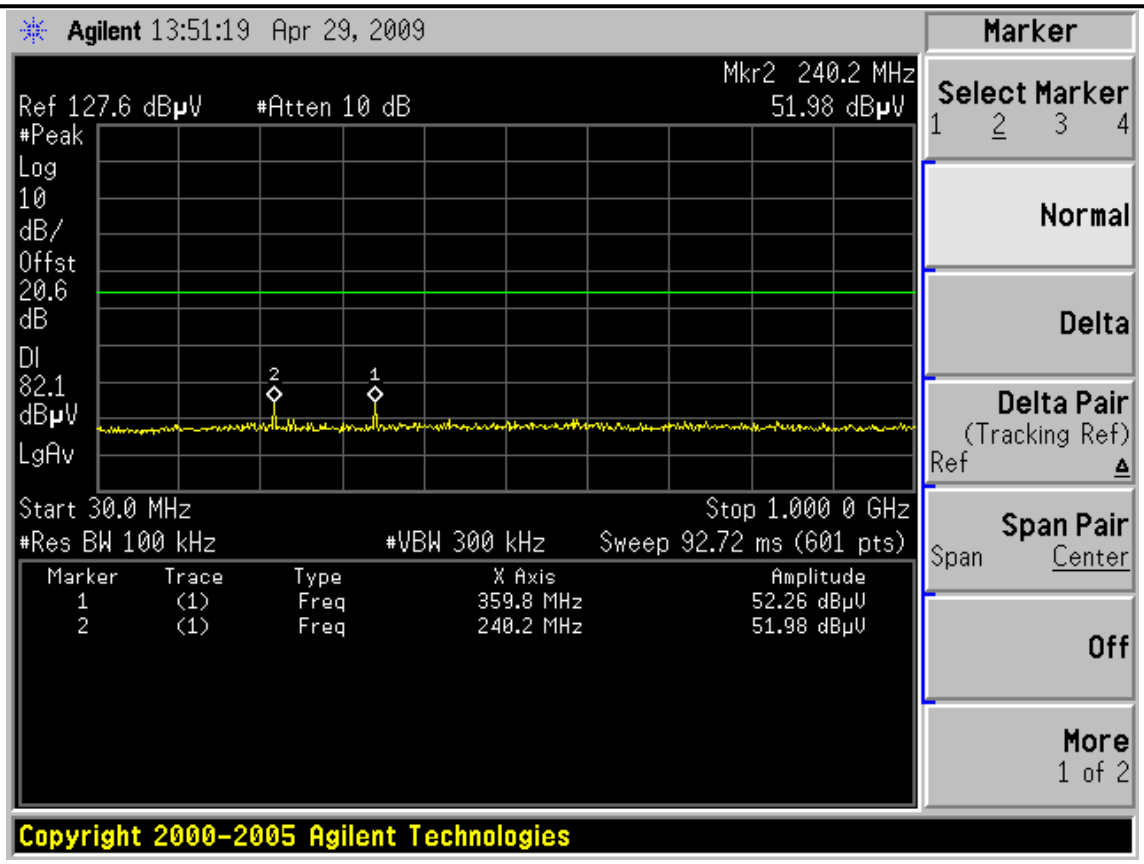
Test CH4: 2437MHz

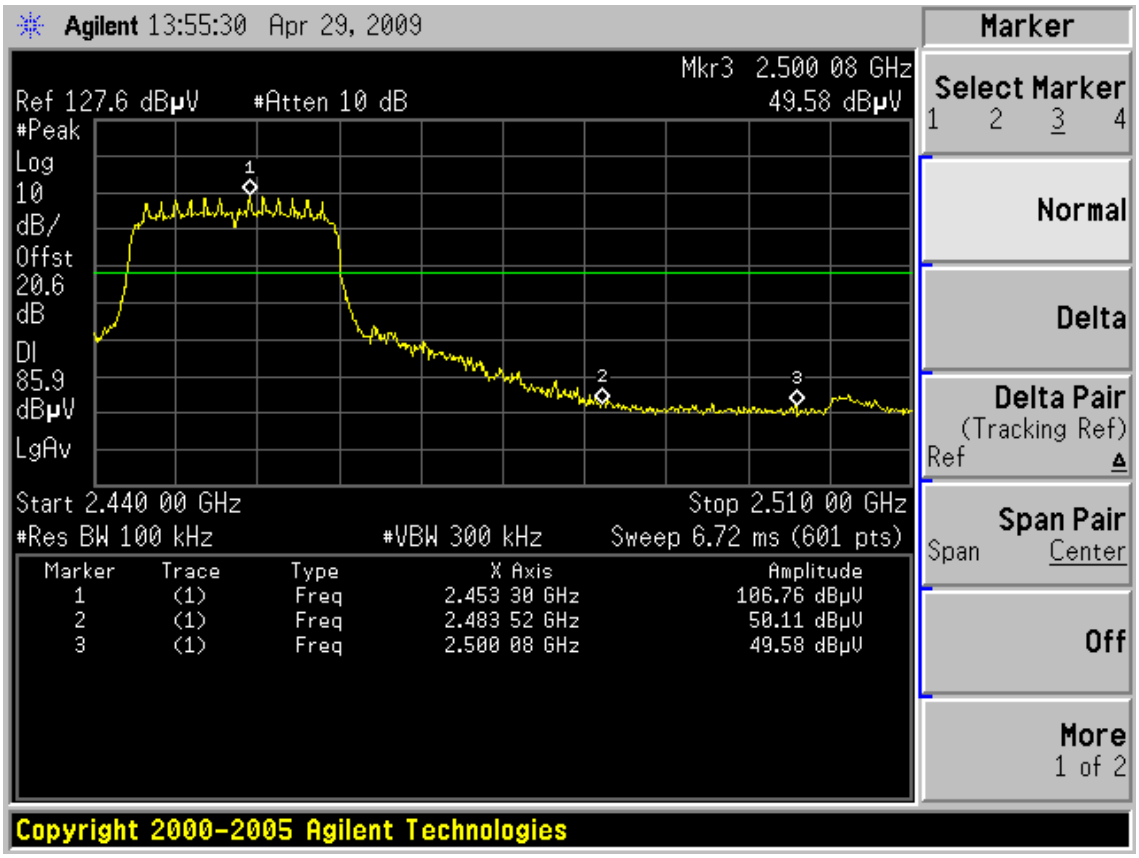




Test CH7: 2452MHz



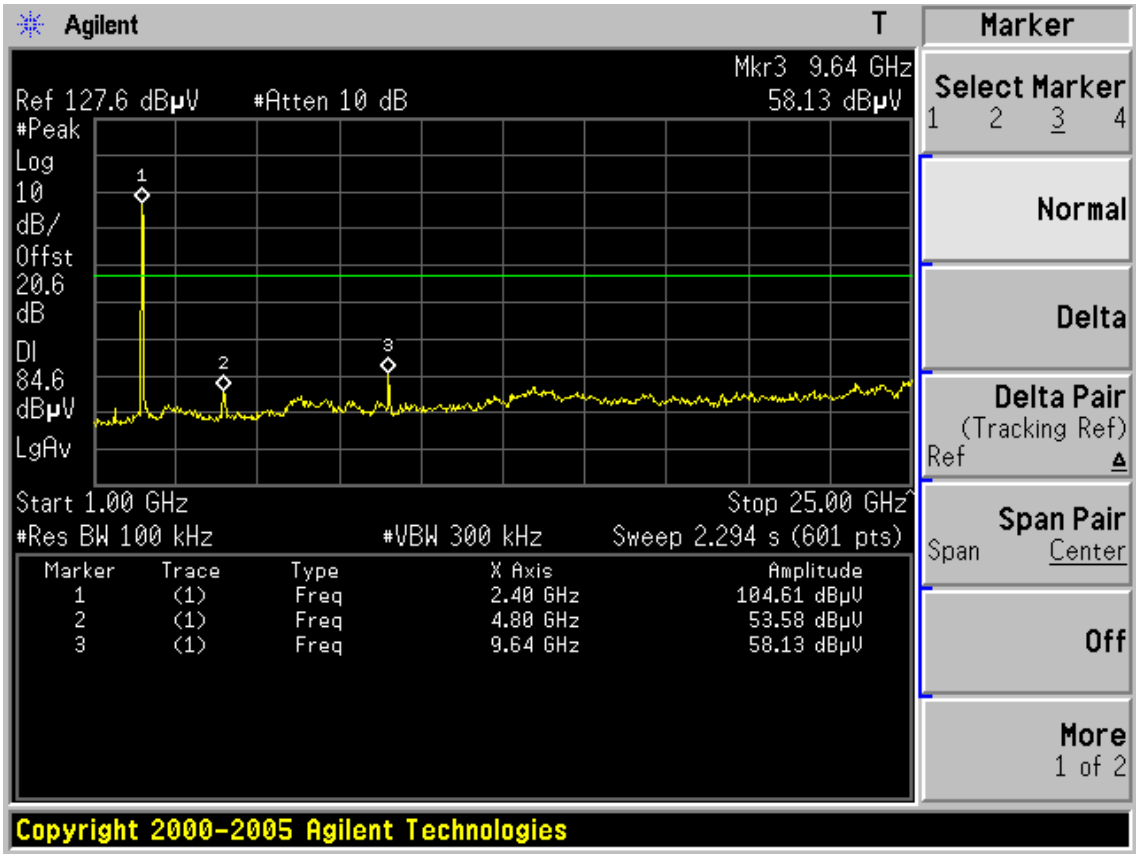

Agilent 13:51:19 Apr 29, 2009
Marker
Mkr2 240.2 MHz
Ref 127.6 dBµV
#Atten 10 dB
51.98 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.1
dBµV
LgAv
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 359.8 MHz 52.26 dBµV
2 (1) Freq 240.2 MHz 51.98 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

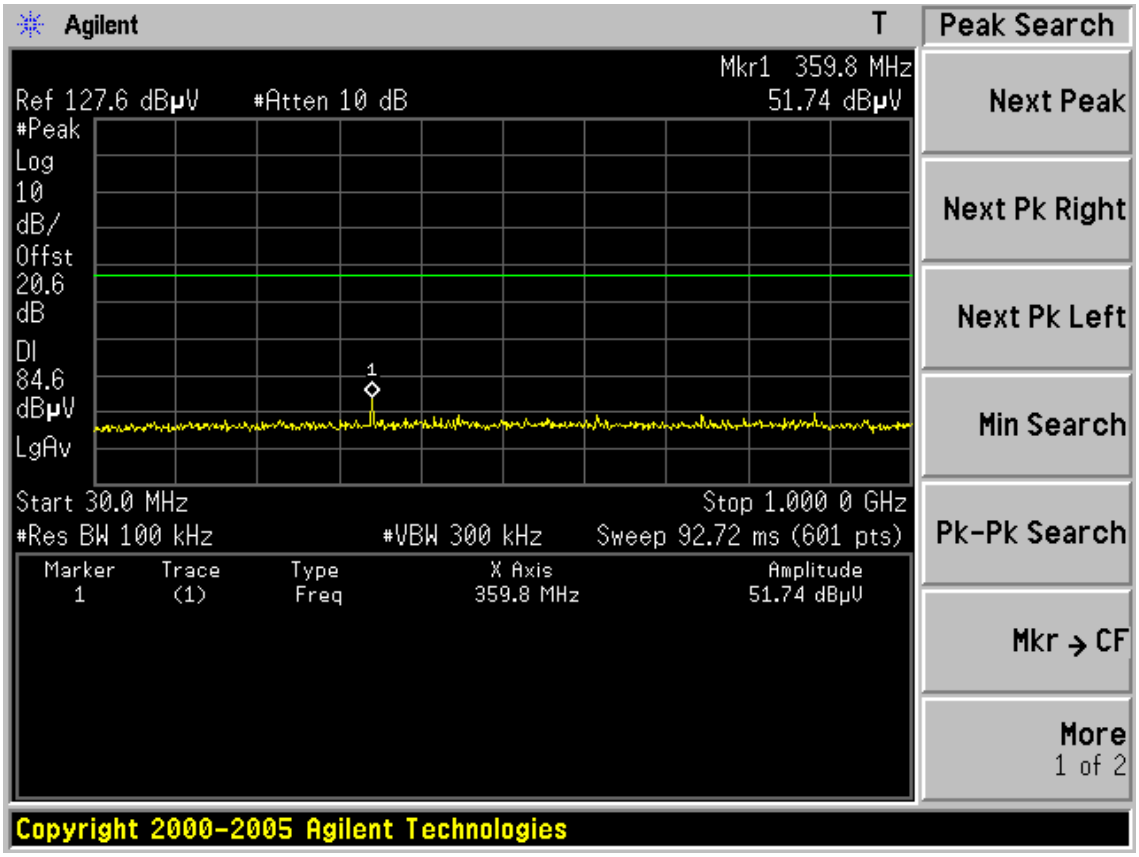

Agilent 13:55:30 Apr 29, 2009
Marker
Mkr3 2.500 08 GHz
Ref 127.6 dBµV
#Atten 10 dB
49.58 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.9
dBµV
LgAv
Start 2.440 00 GHz
Stop 2.510 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 6.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.453 30 GHz 106.76 dBµV
2 (1) Freq 2.483 52 GHz 50.11 dBµV
3 (1) Freq 2.500 08 GHz 49.58 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

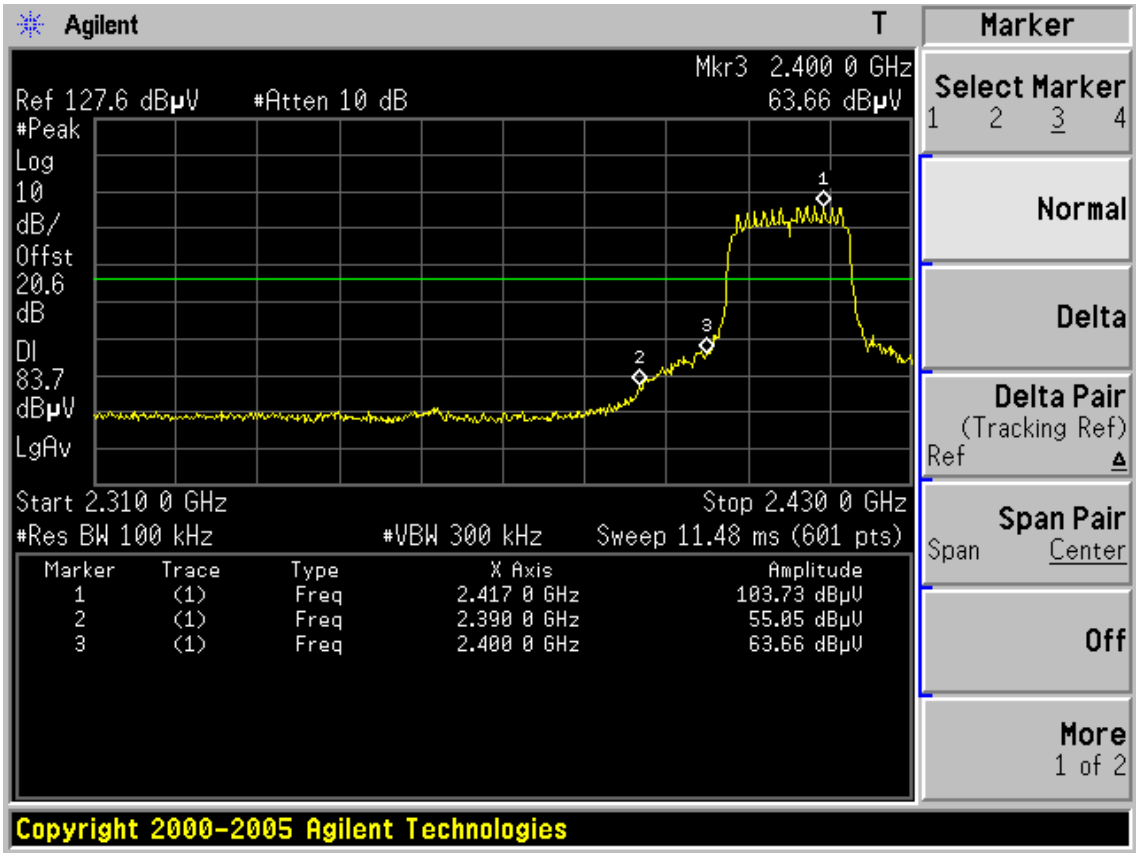
Chain 1:

Test Mode: IEEE 802.11n HT20 TX

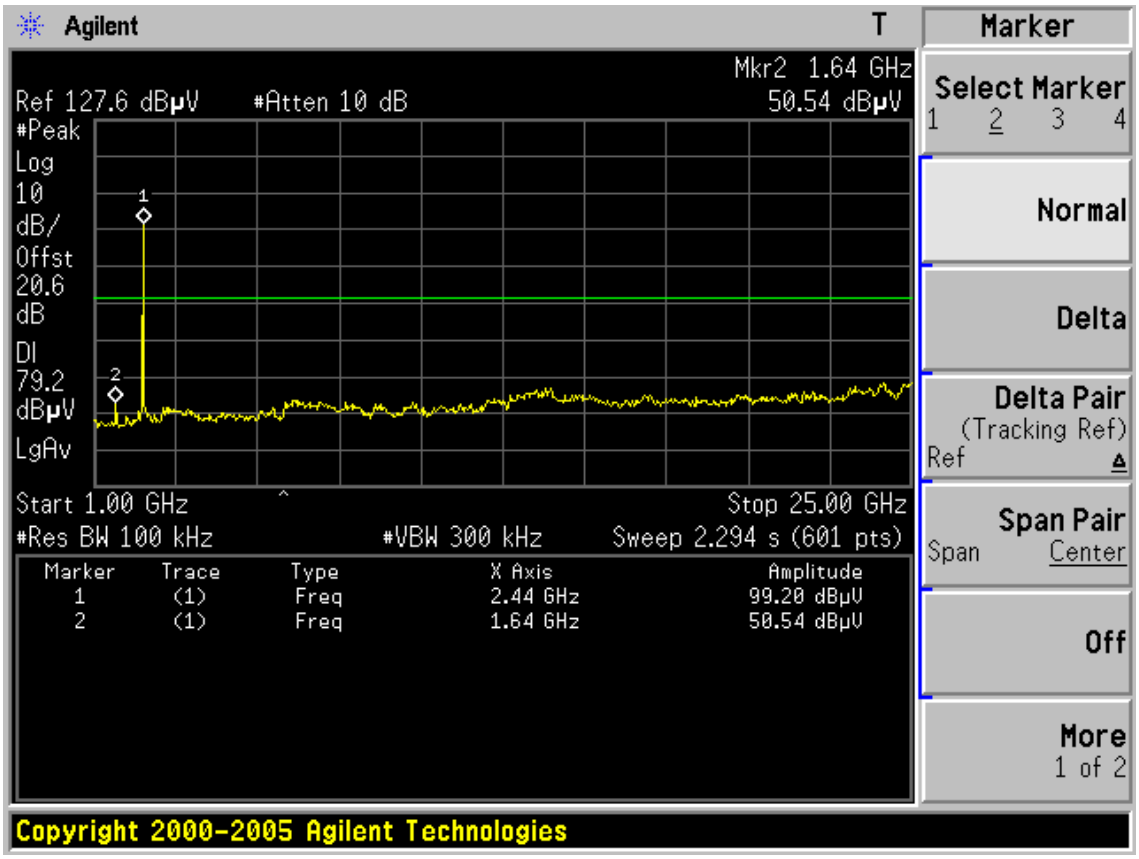
Test CH1: 2412MHz

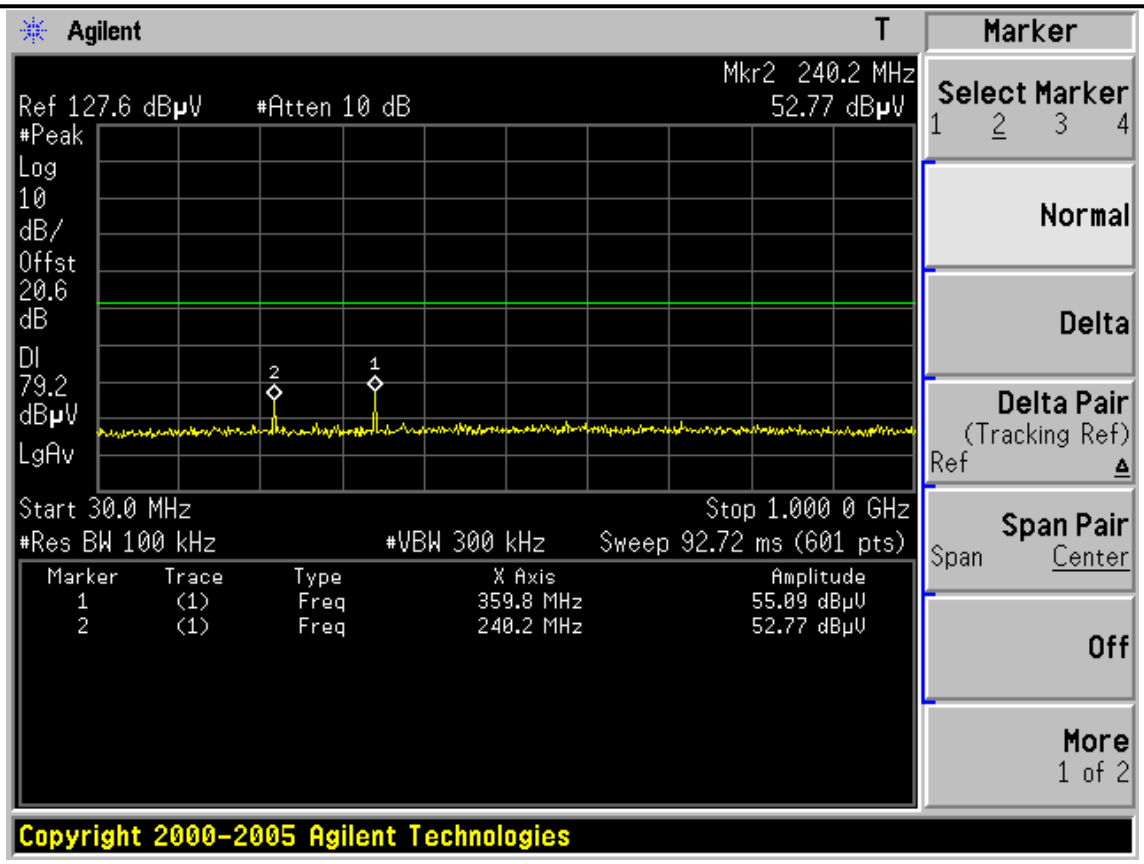




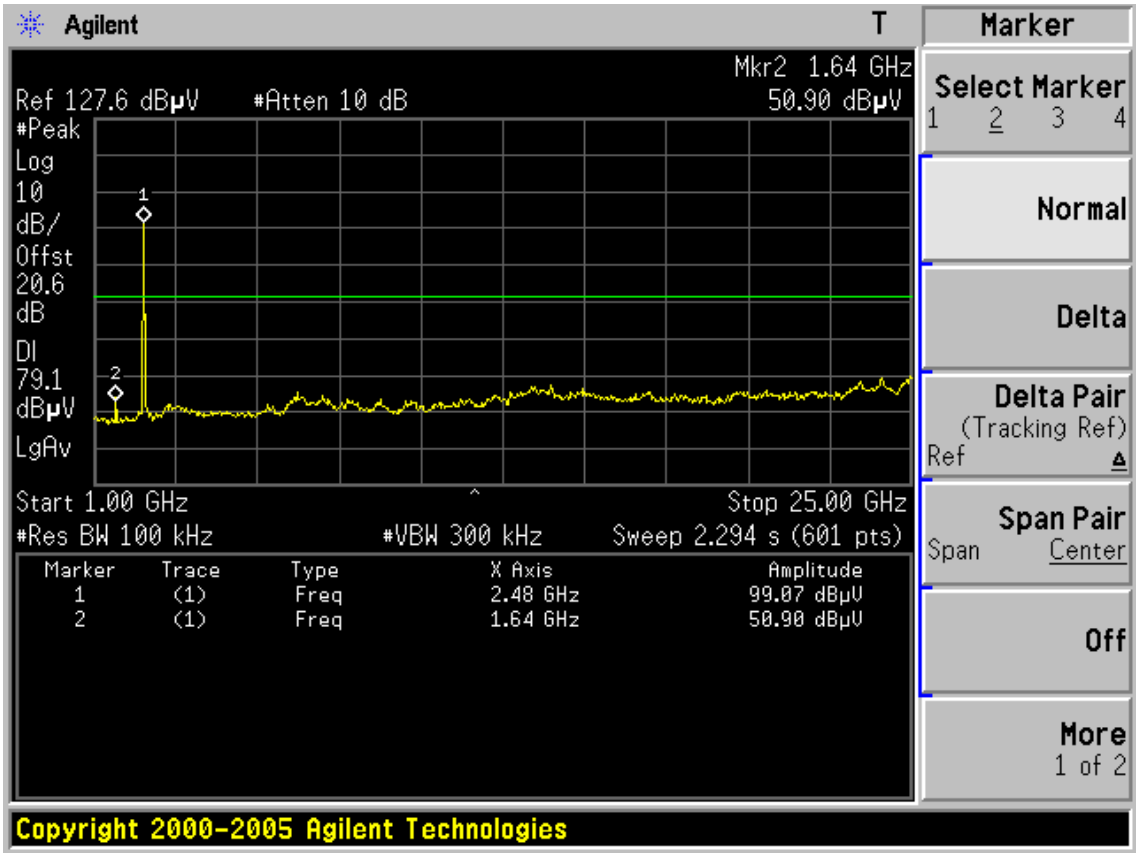


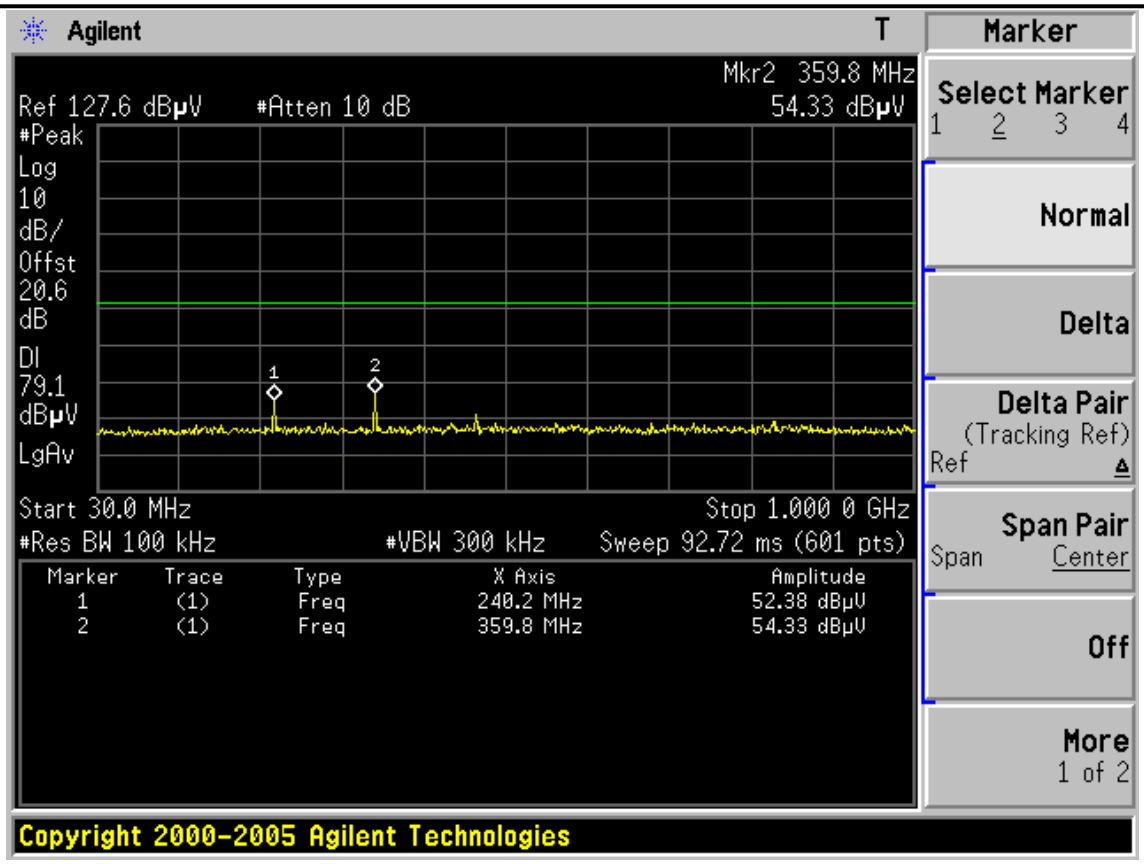
Test CH6: 2437MHz

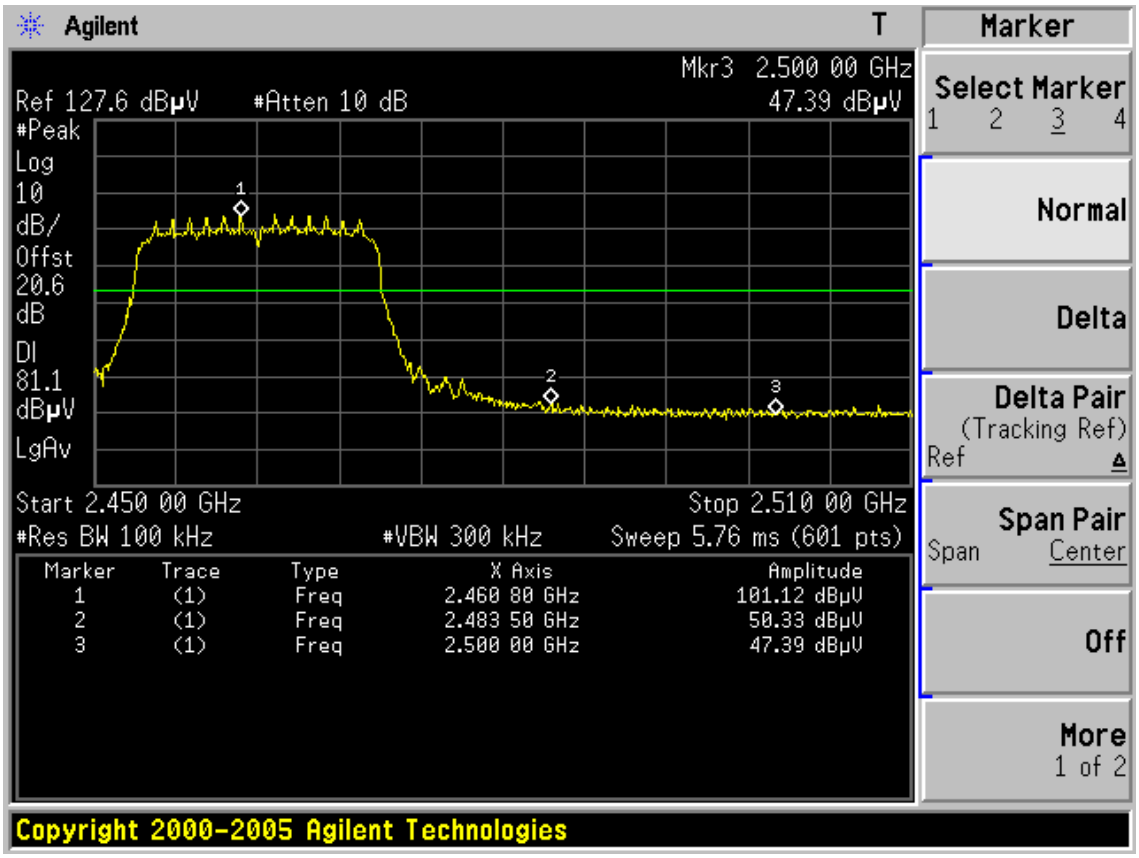




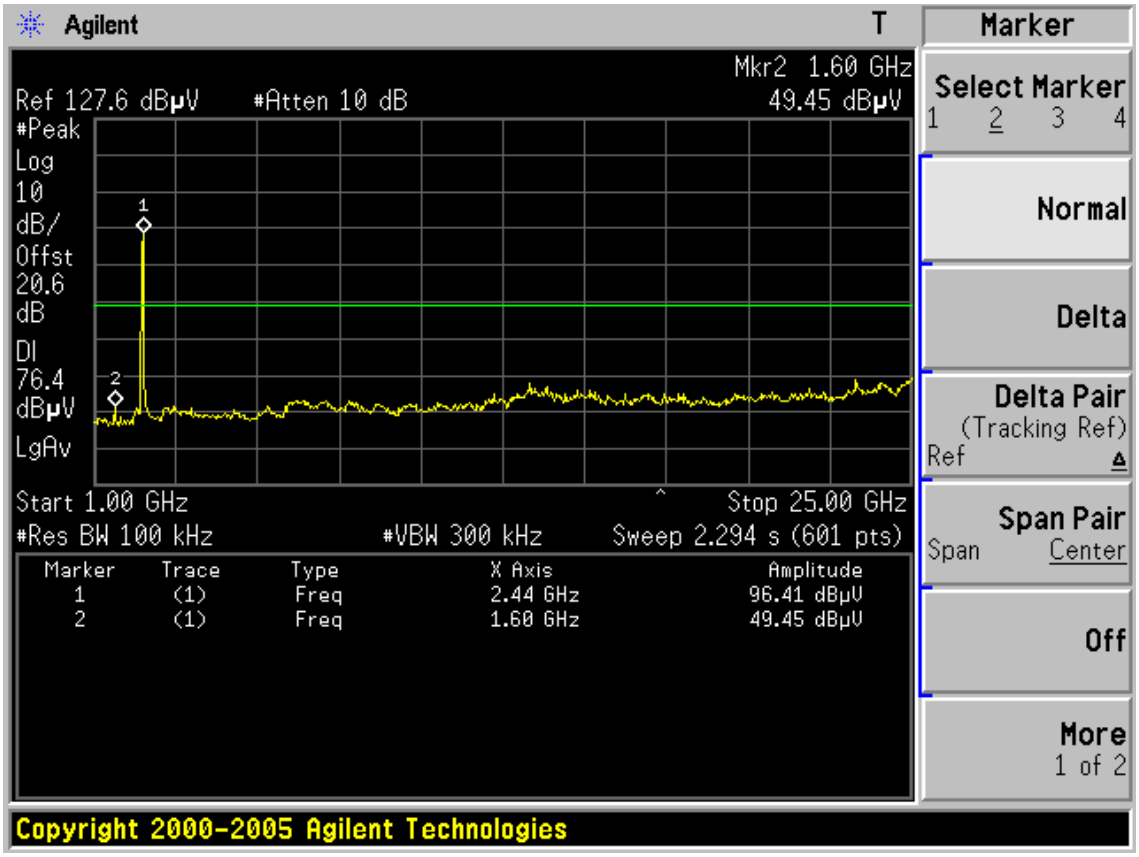
Test CH11: 2462MHz

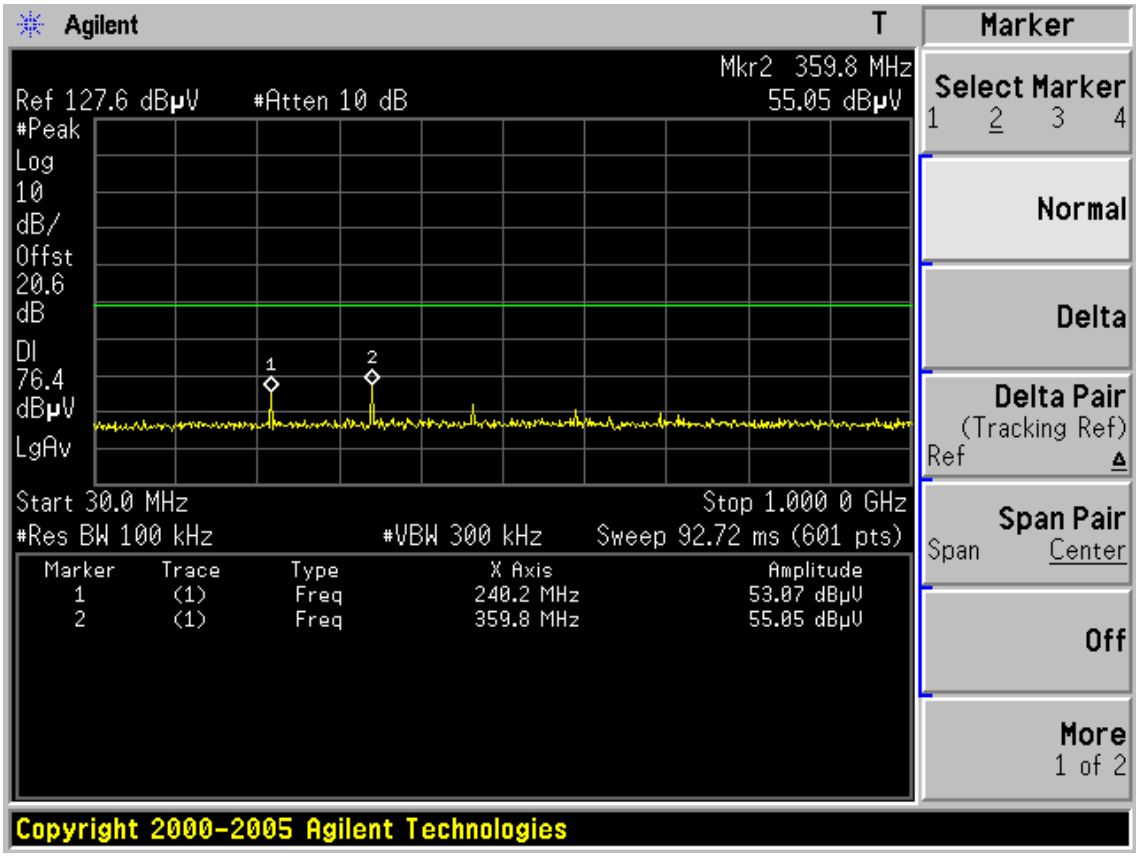


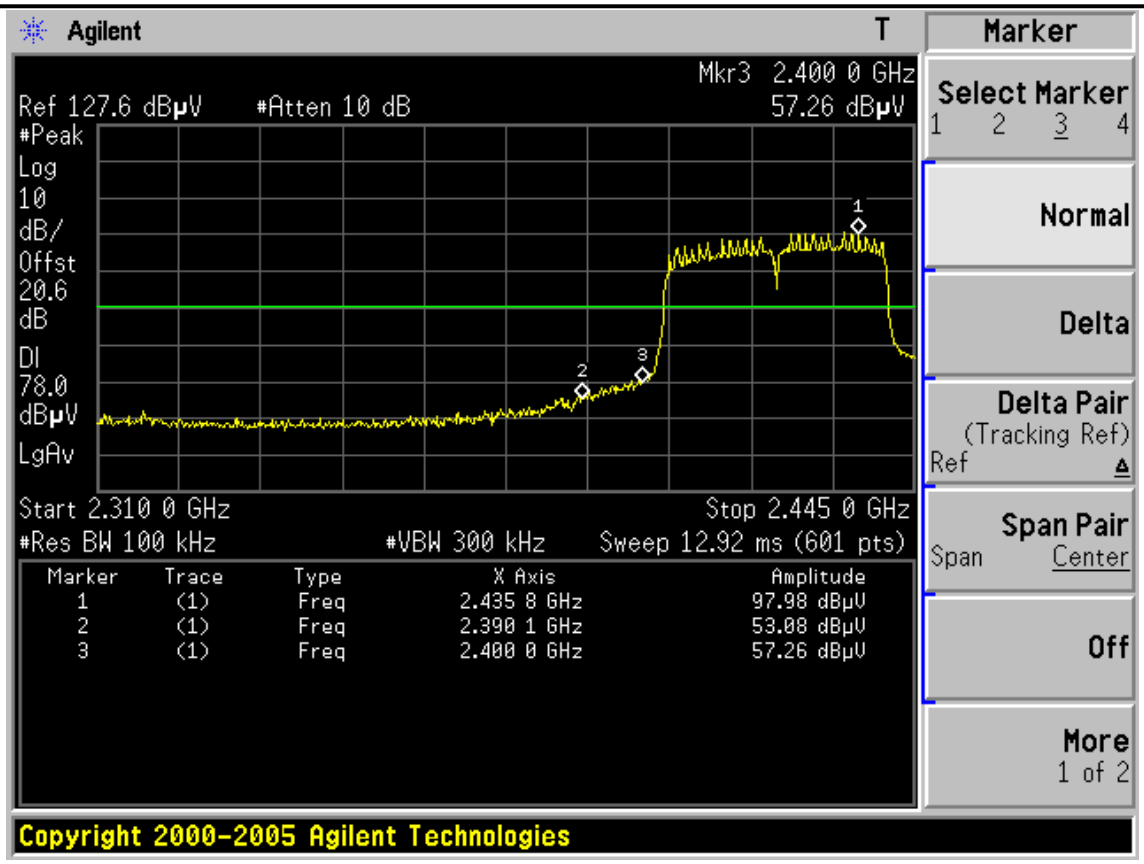

Agilent
T
Marker
Mkr2 359.8 MHz
Ref 127.6 dBµV
#Atten 10 dB
54.33 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
79.1
dBµV
LgAv
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 240.2 MHz 52.38 dBµV
2 (1) Freq 359.8 MHz 54.33 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
T
Marker
Mkr3 2.500 00 GHz
Ref 127.6 dBµV
#Atten 10 dB
47.39 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
81.1
dBµV
LgAv
Start 2.450 00 GHz
Stop 2.510 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.460 80 GHz 101.12 dBµV
2 (1) Freq 2.483 50 GHz 50.33 dBµV
3 (1) Freq 2.500 00 GHz 47.39 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

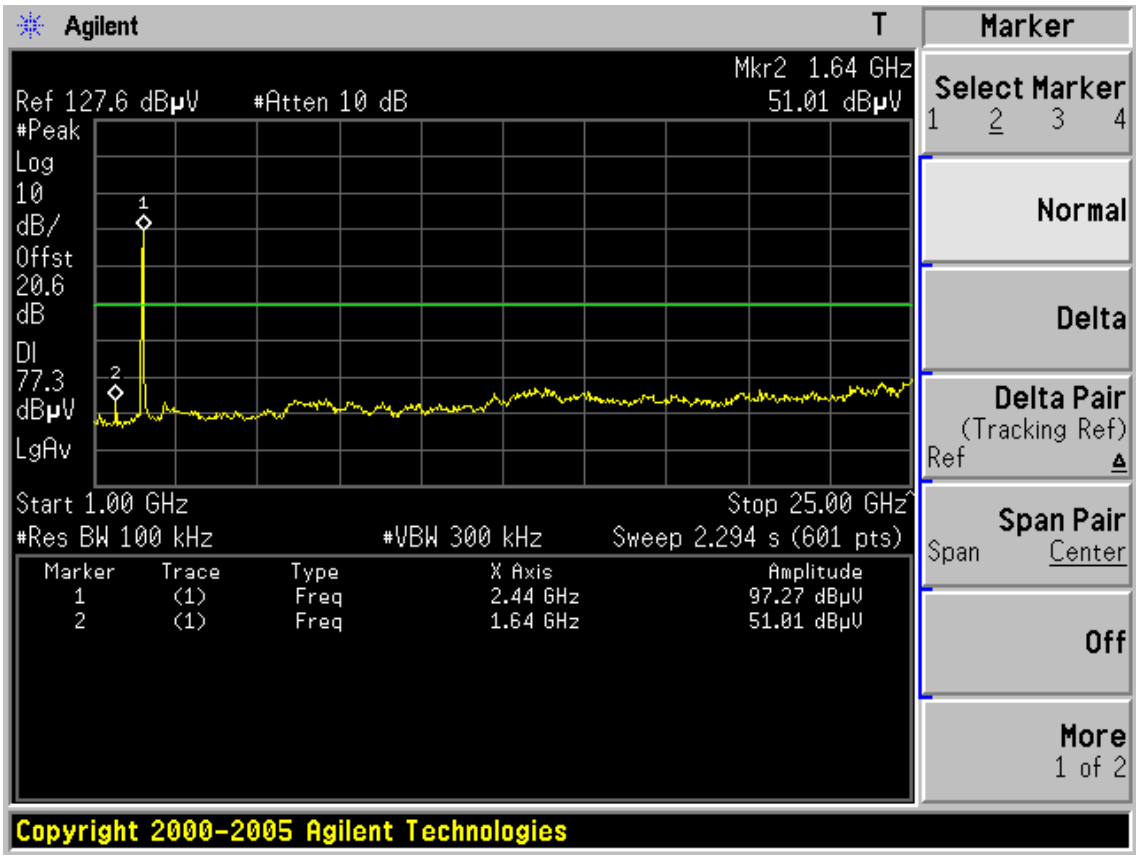
Test Mode: IEEE 802.11n HT40 TX
Test CH1: 2422MHz

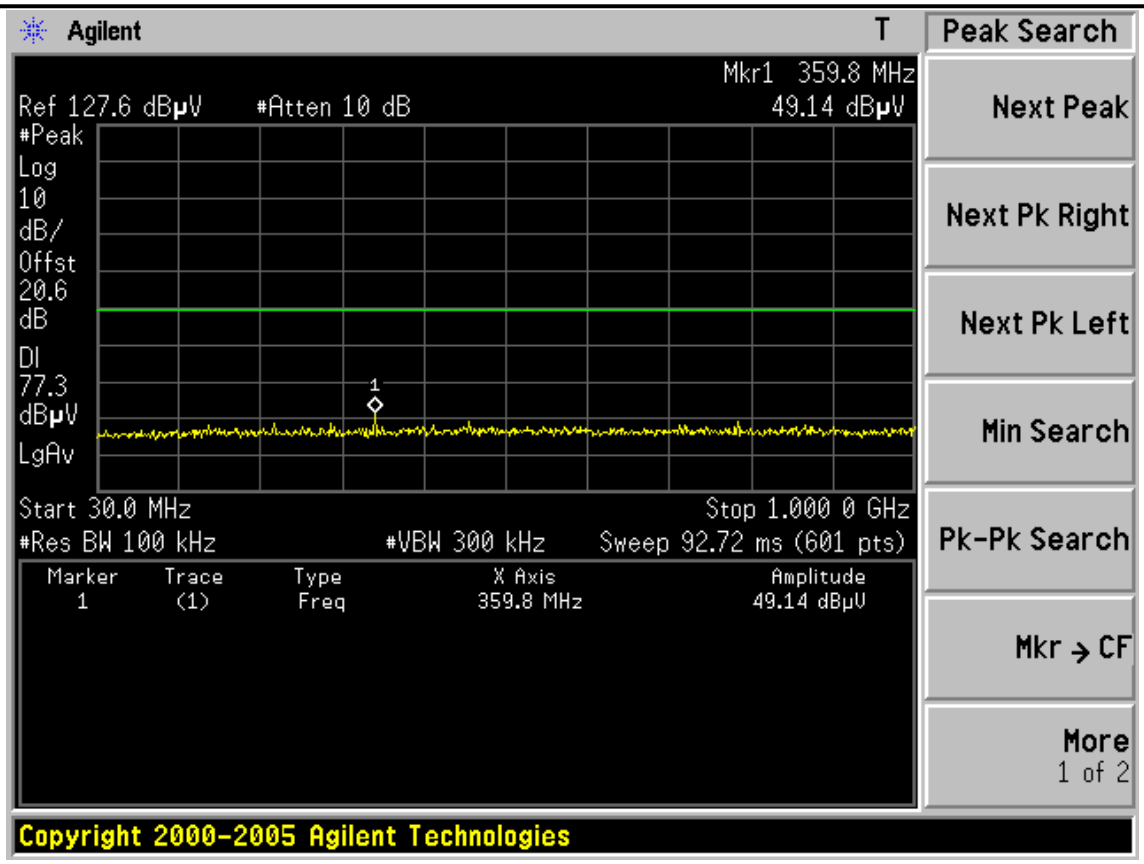




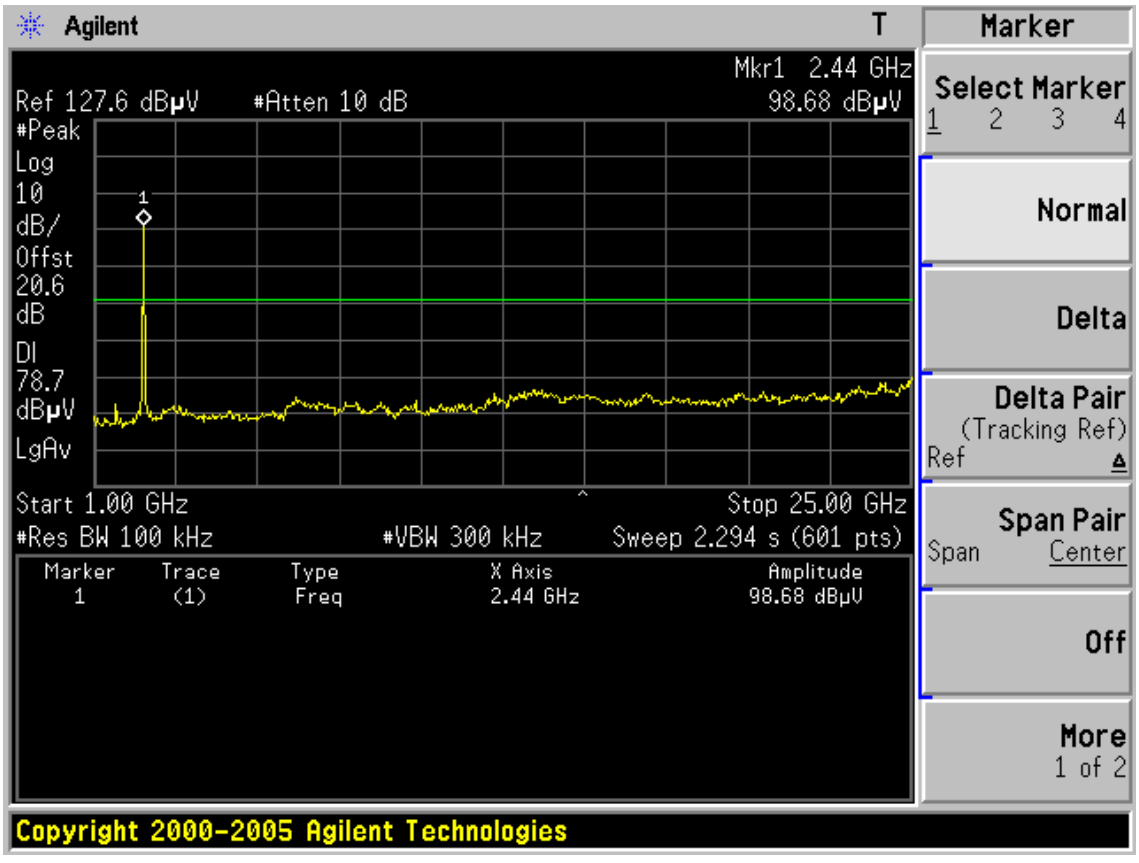


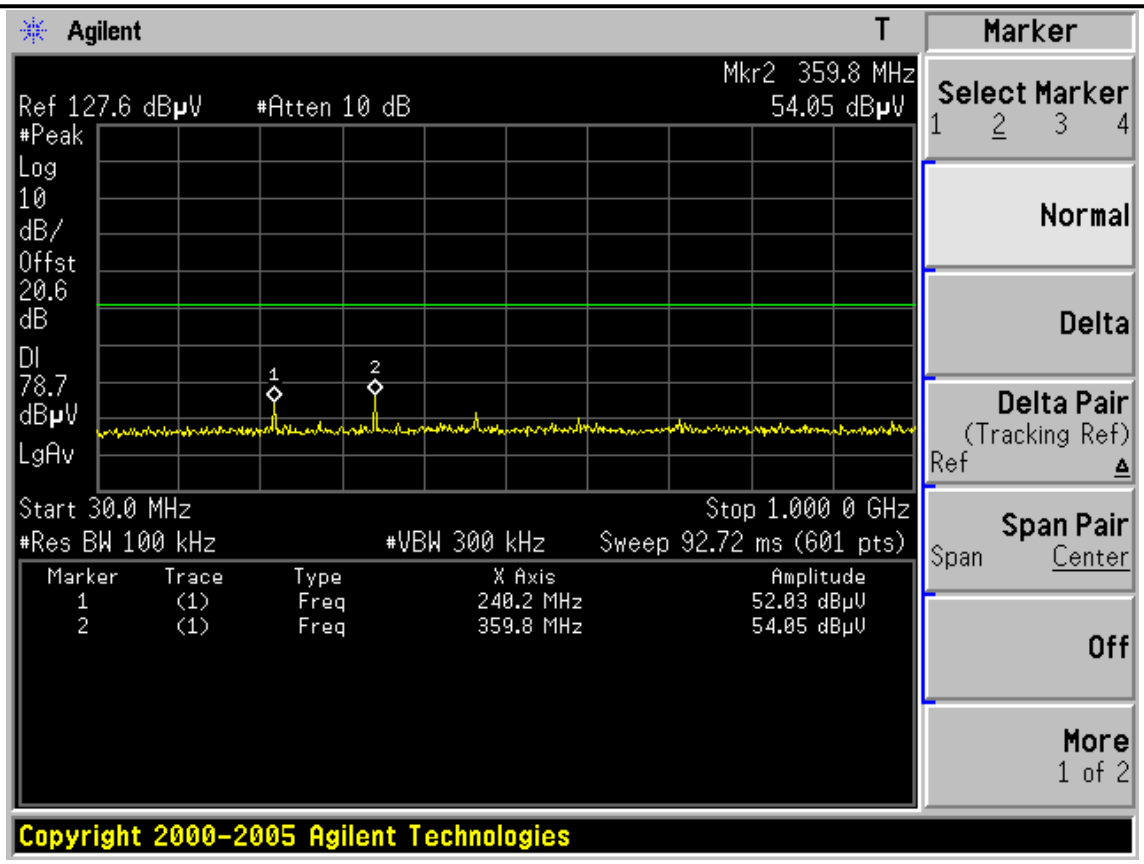
Test CH4: 2437MHz

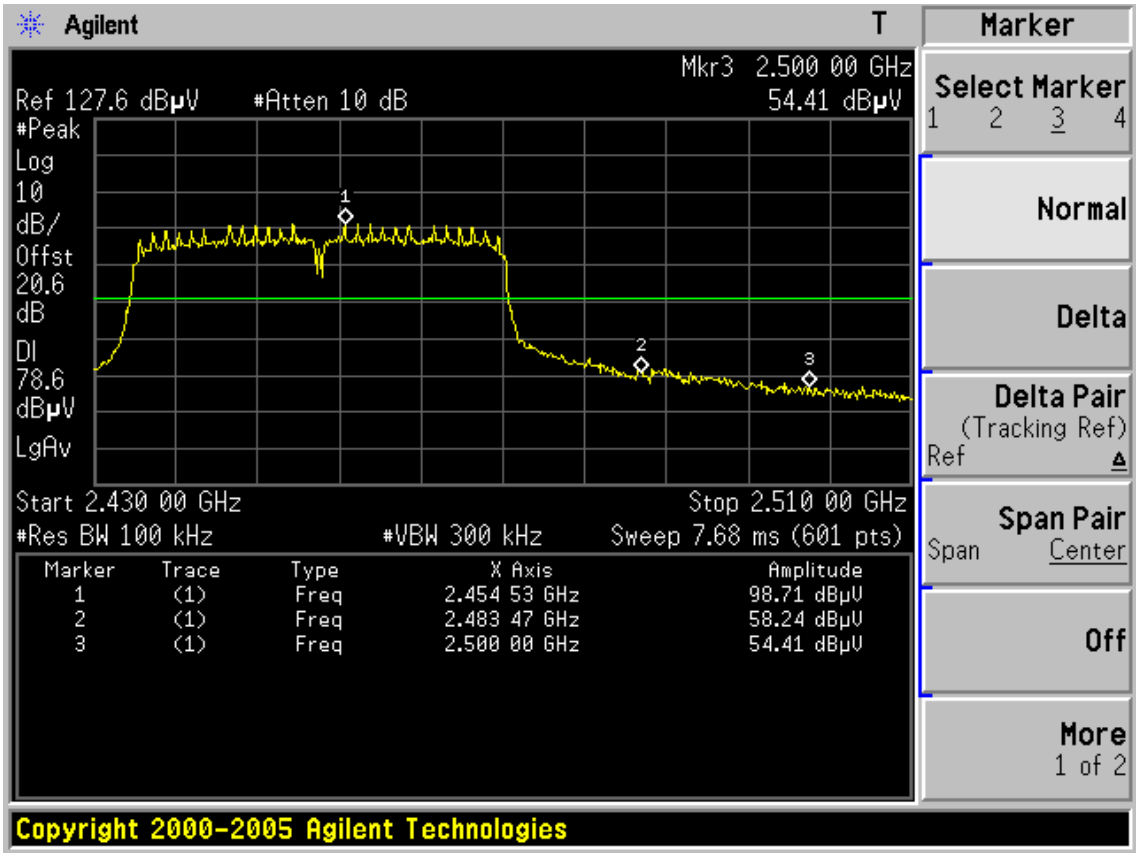




Test CH7: 2452MHz




Agilent
T
Marker
Mkr2 359.8 MHz
Ref 127.6 dBµV
#Atten 10 dB
54.05 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
78.7
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 240.2 MHz 52.03 dBµV
2 (1) Freq 359.8 MHz 54.05 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
T
Marker
Mkr3 2.500 00 GHz
Ref 127.6 dBµV
#Atten 10 dB
54.41 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
78.6
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 2.430 00 GHz
Stop 2.510 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 7.68 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.454 53 GHz 98.71 dBµV
2 (1) Freq 2.483 47 GHz 58.24 dBµV
3 (1) Freq 2.500 00 GHz 54.41 dBµV
Copyright 2000-2005 Agilent Technologies

6. BAND EDGE COMPLIANCE TEST

6.1.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.	Horn Antenna	EMCO	3115	9607-4877	Nov.25, 09	1.5 Year
3.	Amplifier	Agilent	8449B	3008A02495	May.08, 10	1 Year
4.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	May.08,10	1 Year
5.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,10	1 Year
6.	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	May.08,10	1 Year

6.2.Limit

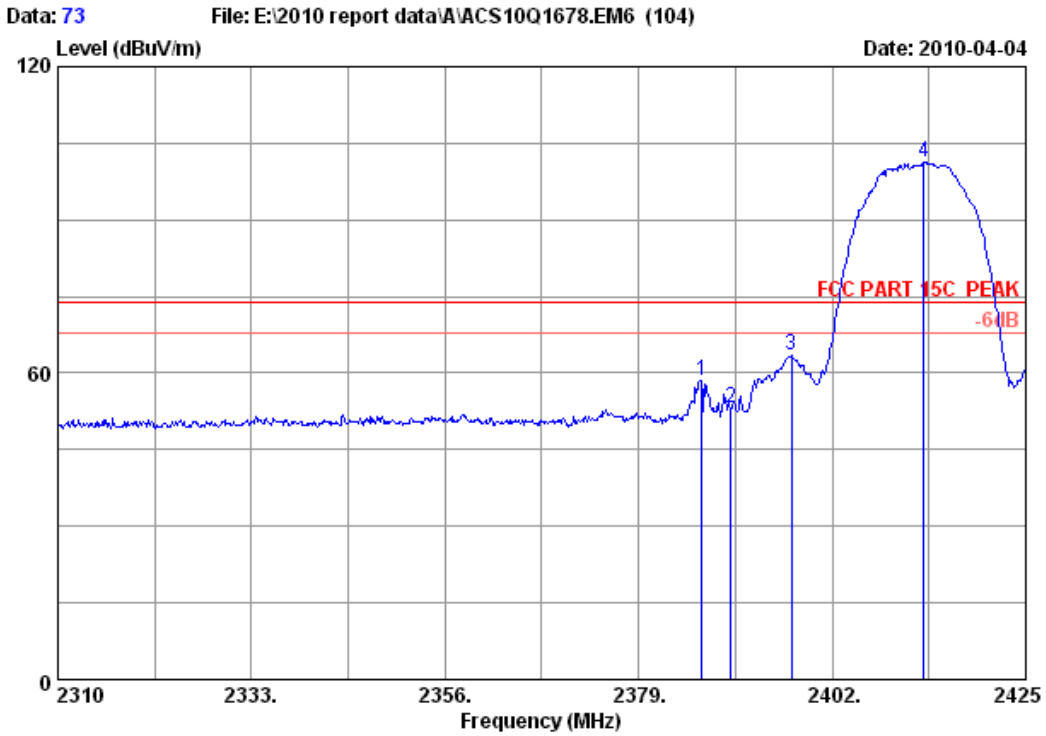
All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

6.3.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=1MHz; VBW=3MHz ;Sweep=AUTO
   (b) AVERAGE: RBW=1MHz ;VBW=10Hz ; Sweep=AUTO

6.4.Test Results

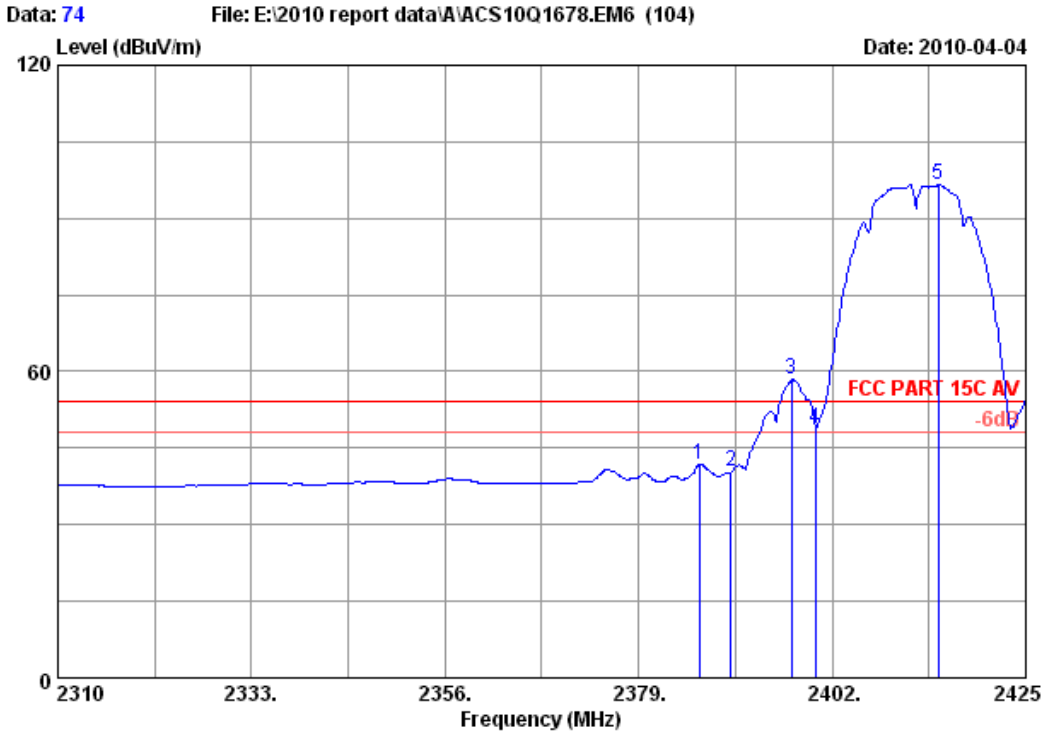
Pass (The testing data was attached in the next pages.)



Site no. : 3m Chamber Data no. : 73
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2386.475	29.44	8.67	36.09	56.63	58.65	74.00	15.35	Peak
2	2390.000	29.44	8.67	36.09	51.14	53.16	74.00	20.84	Peak
3	2397.170	29.44	8.72	36.09	61.29	63.36	74.00	10.64	Peak
4	2412.925	29.45	8.72	35.95	98.97	101.19	74.00	-27.19	Peak

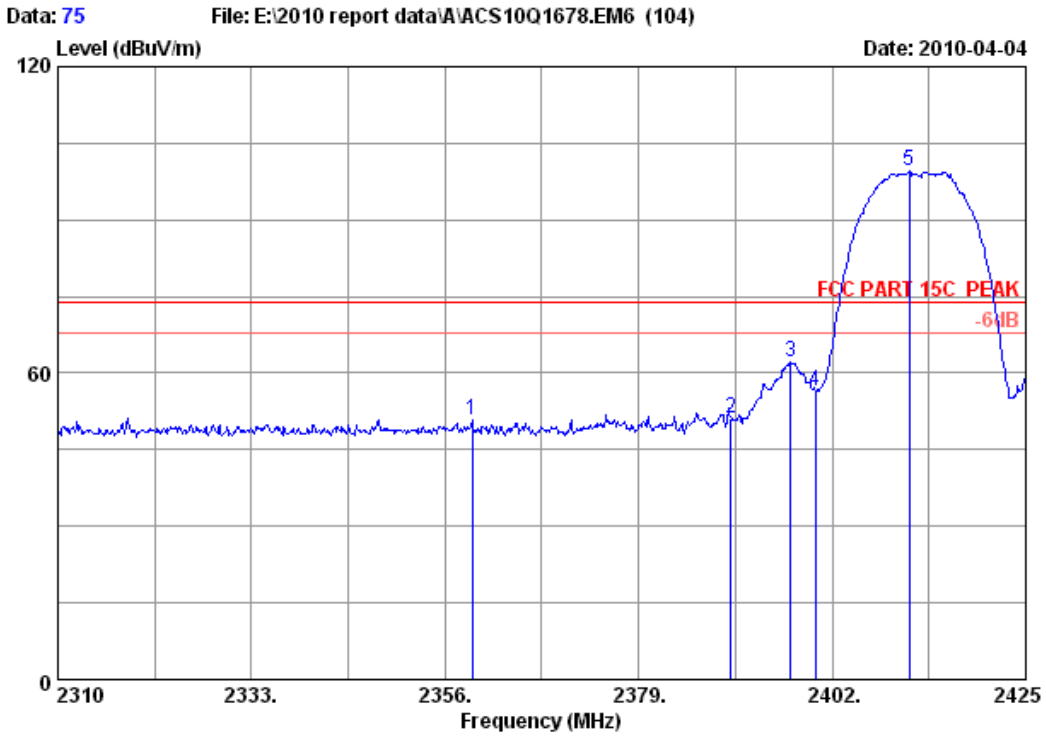
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 74
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2386.245	29.44	8.67	36.09	39.80	41.82	54.00	12.18	Average
2	2390.000	29.44	8.67	36.09	38.31	40.33	54.00	13.67	Average
3	2397.170	29.44	8.72	36.09	56.43	58.50	54.00	-4.50	Average
4	2400.000	29.44	8.72	36.09	46.90	48.97	54.00	5.03	Average
5	2414.650	29.45	8.72	35.95	94.29	96.51	54.00	-42.51	Average

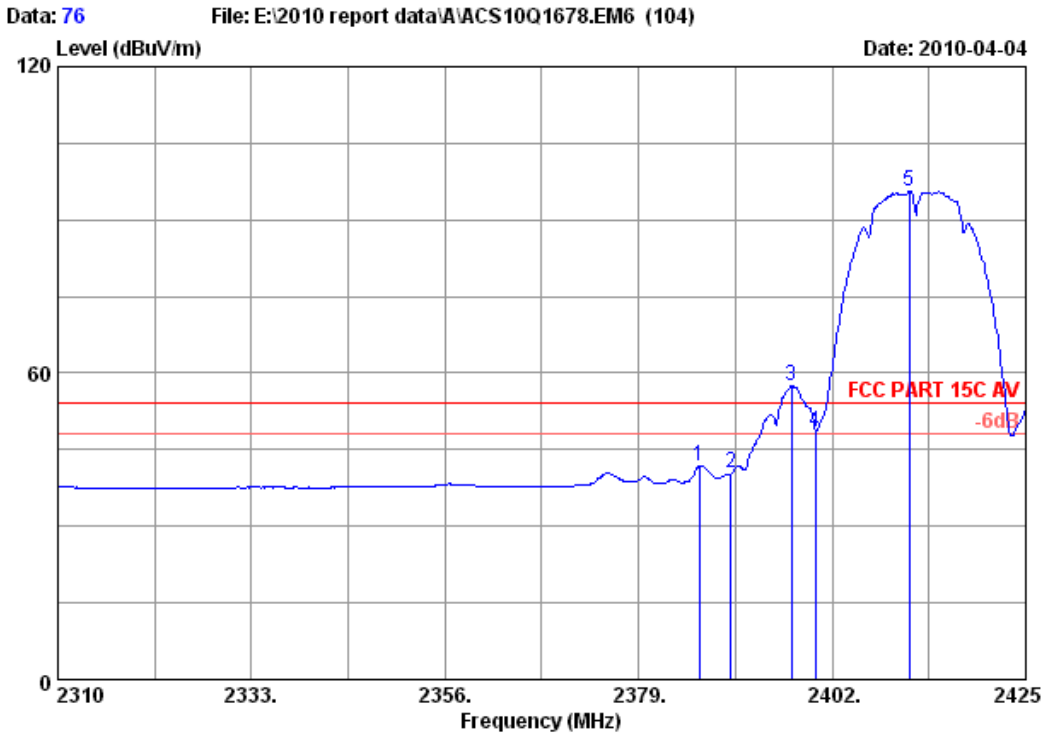
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 75
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2359.220	29.42	8.62	35.91	48.66	50.79	74.00	23.21	Peak
2	2390.000	29.44	8.67	36.09	49.11	51.13	74.00	22.87	Peak
3	2397.055	29.44	8.72	36.09	59.94	62.01	74.00	11.99	Peak
4	2400.000	29.44	8.72	36.09	54.39	56.46	74.00	17.54	Peak
5	2411.200	29.45	8.72	35.95	97.46	99.68	74.00	-25.68	Peak

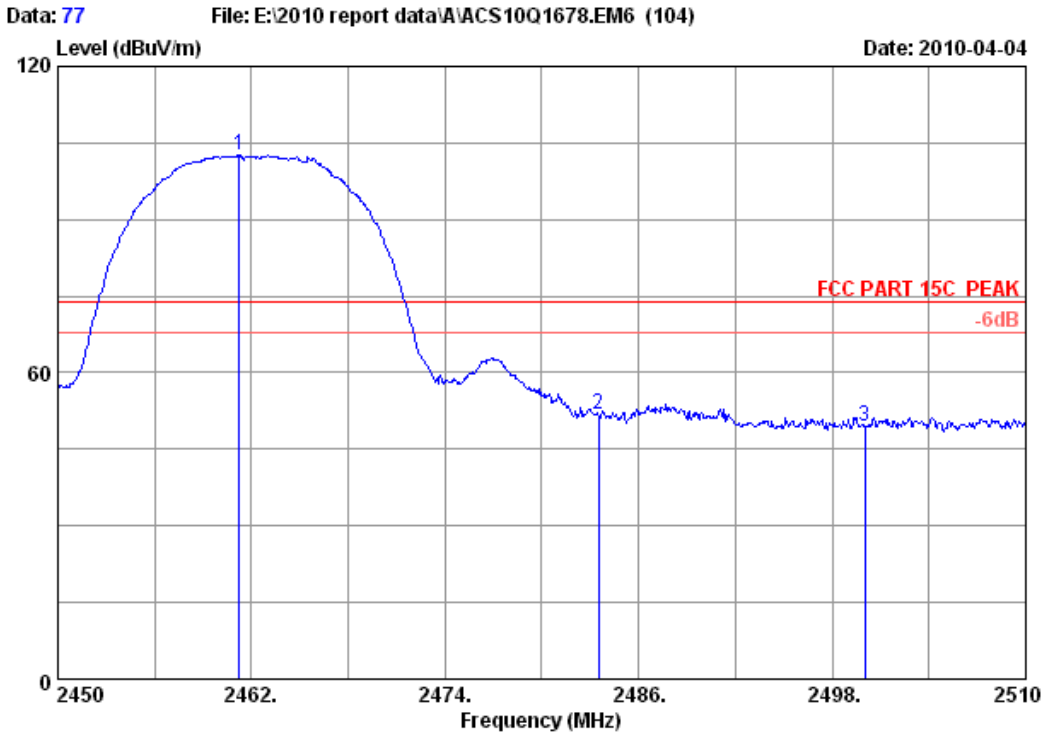
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2386.245	29.44	8.67	36.09	39.85	41.87	54.00	12.13	Average
2	2390.000	29.44	8.67	36.09	38.29	40.31	54.00	13.69	Average
3	2397.170	29.44	8.72	36.09	55.54	57.61	54.00	-3.61	Average
4	2400.000	29.44	8.72	36.09	46.28	48.35	54.00	5.65	Average
5	2411.200	29.45	8.72	35.95	93.31	95.53	54.00	-41.53	Average

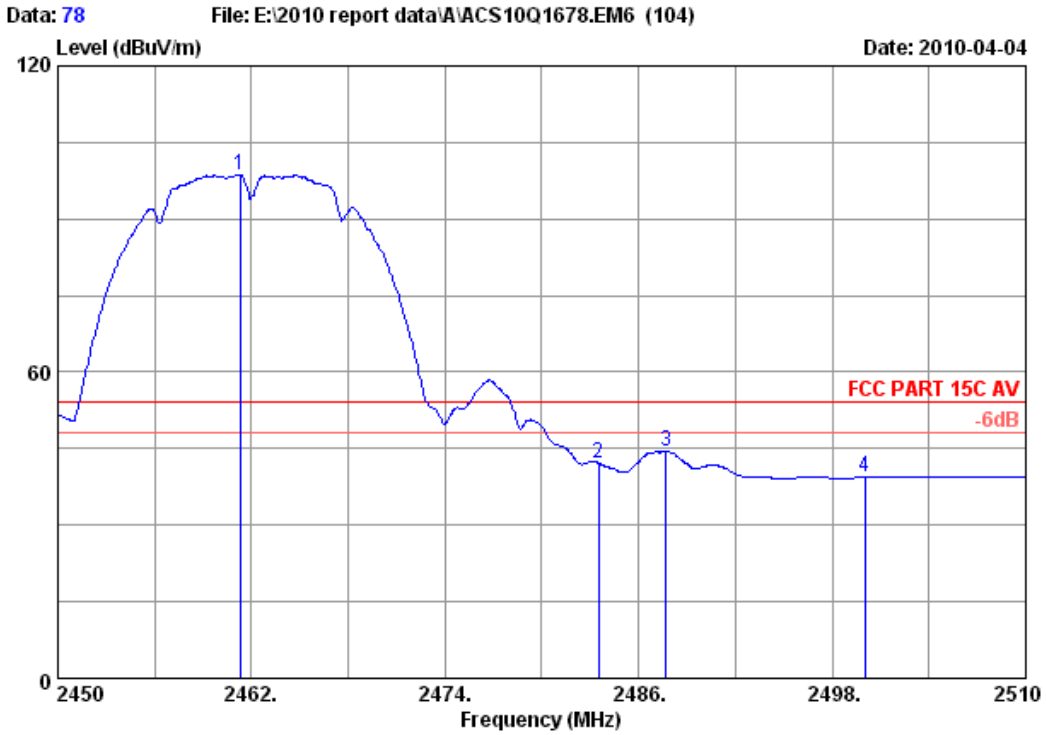
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 77
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2461.220	29.48	8.82	36.02	100.34	102.62	74.00	-28.62	Peak
2	2483.500	29.49	8.87	35.97	49.34	51.73	74.00	22.27	Peak
3	2500.000	29.50	8.92	36.00	47.09	49.51	74.00	24.49	Peak

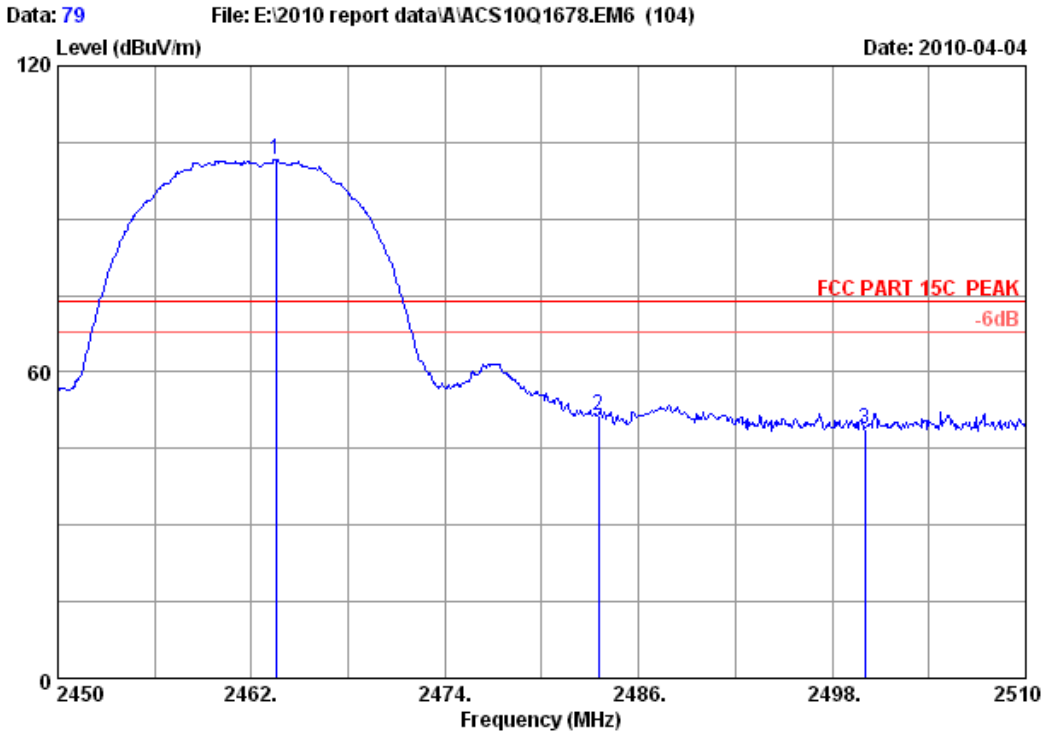
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 78
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2461.280	29.48	8.82	36.02	96.40	98.68	54.00	-44.68	Average
2	2483.500	29.49	8.87	35.97	39.80	42.19	54.00	11.81	Average
3	2487.680	29.50	8.87	36.00	42.15	44.52	54.00	9.48	Average
4	2500.000	29.50	8.92	36.00	36.87	39.29	54.00	14.71	Average

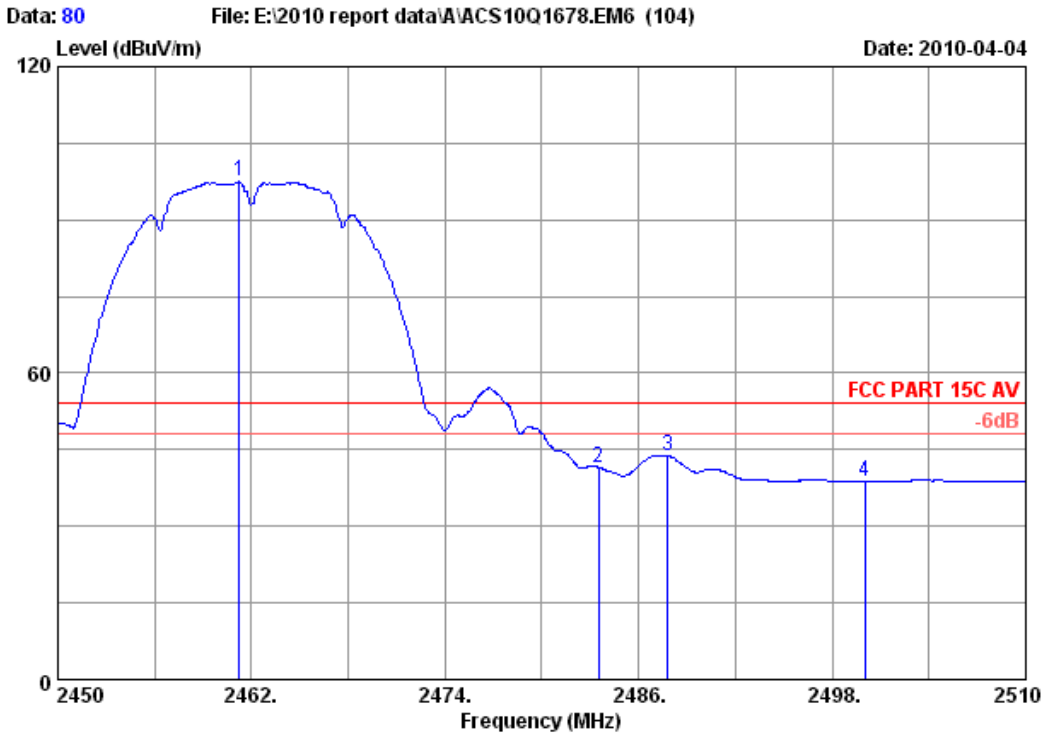
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 79
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2463.500	29.48	8.82	36.02	99.43	101.71	74.00	-27.71	Peak
2	2483.500	29.49	8.87	35.97	49.06	51.45	74.00	22.55	Peak
3	2500.000	29.50	8.92	36.00	46.47	48.89	74.00	25.11	Peak

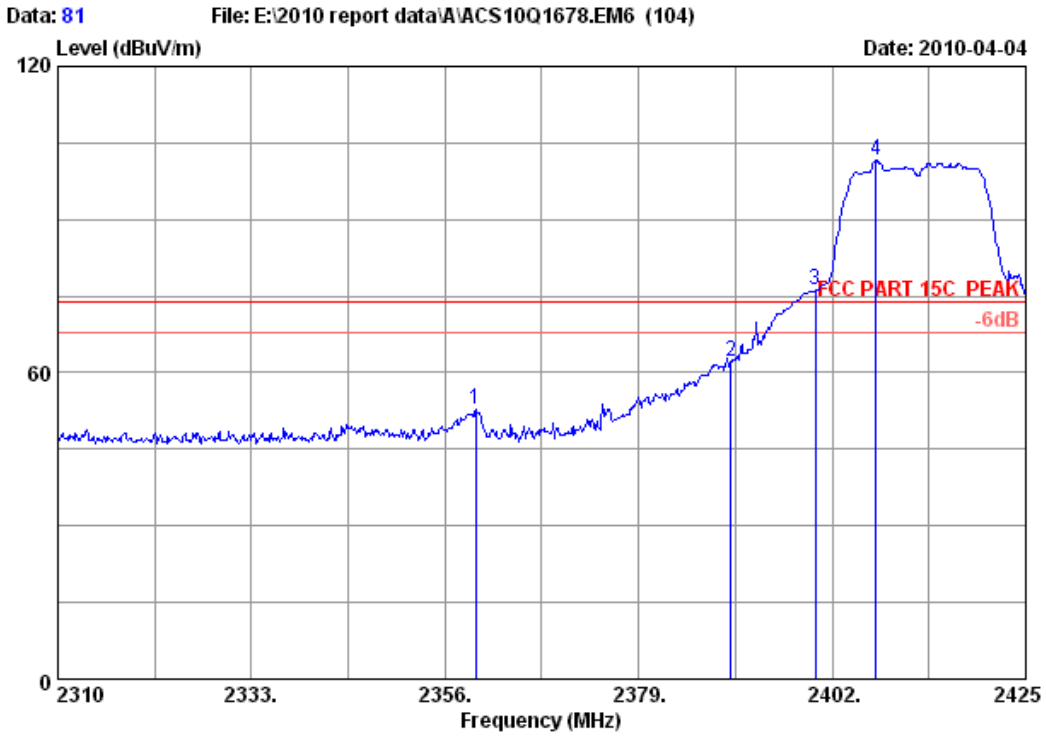
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 80
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11b CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2461.220	29.48	8.82	36.02	95.20	97.48	54.00	-43.48	Average
2	2483.500	29.49	8.87	35.97	39.19	41.58	54.00	12.42	Average
3	2487.800	29.50	8.87	36.00	41.40	43.77	54.00	10.23	Average
4	2500.000	29.50	8.92	36.00	36.47	38.89	54.00	15.11	Average

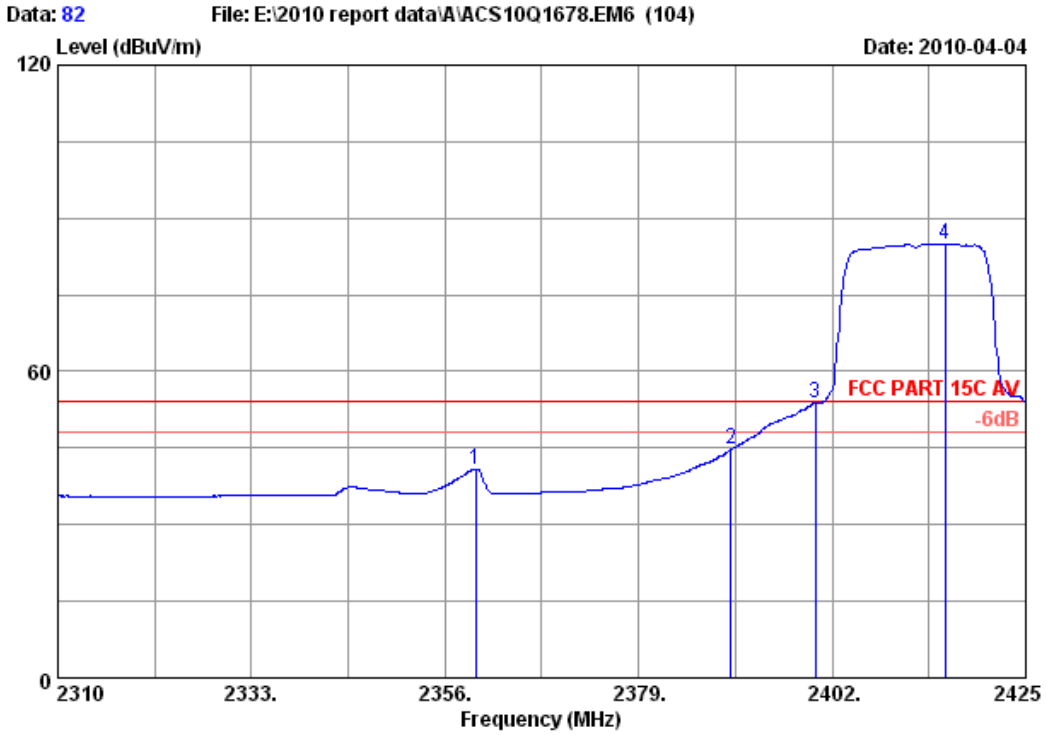
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 81
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2359.680	29.42	8.62	35.91	50.53	52.66	74.00	21.34	Peak
2	2390.000	29.44	8.67	36.09	60.32	62.34	74.00	11.66	Peak
3	2400.000	29.44	8.72	36.09	74.01	76.08	74.00	-2.08	Peak
4	2407.175	29.45	8.72	35.95	99.33	101.55	74.00	-27.55	Peak

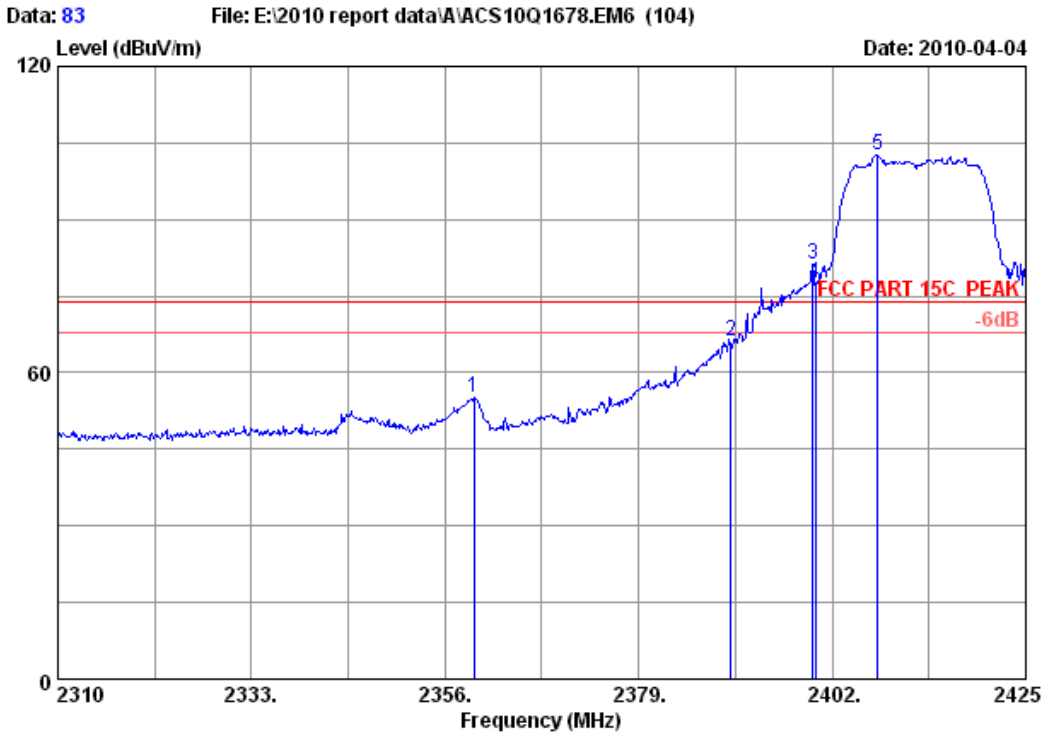
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 82
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2359.680	29.42	8.62	35.91	38.76	40.89	54.00	13.11	Average
2	2390.000	29.44	8.67	36.09	42.72	44.74	54.00	9.26	Average
3	2400.000	29.44	8.72	36.09	51.74	53.81	54.00	0.19	Average
4	2415.455	29.45	8.72	35.95	82.77	84.99	54.00	-30.99	Average

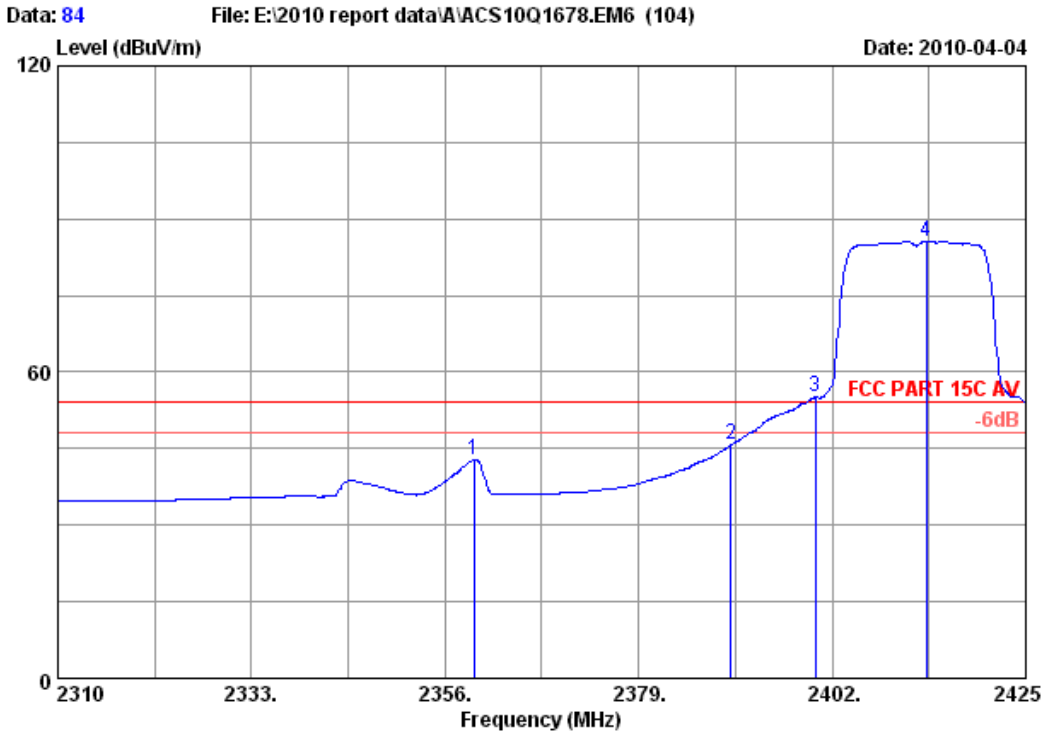
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 83
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2359.450	29.42	8.62	35.91	53.04	55.17	74.00	18.83	Peak
2	2390.000	29.44	8.67	36.09	64.07	66.09	74.00	7.91	Peak
3	2399.700	29.44	8.72	36.09	79.28	81.35	74.00	-7.35	Peak
4	2400.000	29.44	8.72	36.09	75.32	77.39	74.00	-3.39	Peak
5	2407.405	29.45	8.72	35.95	100.38	102.60	74.00	-28.60	Peak

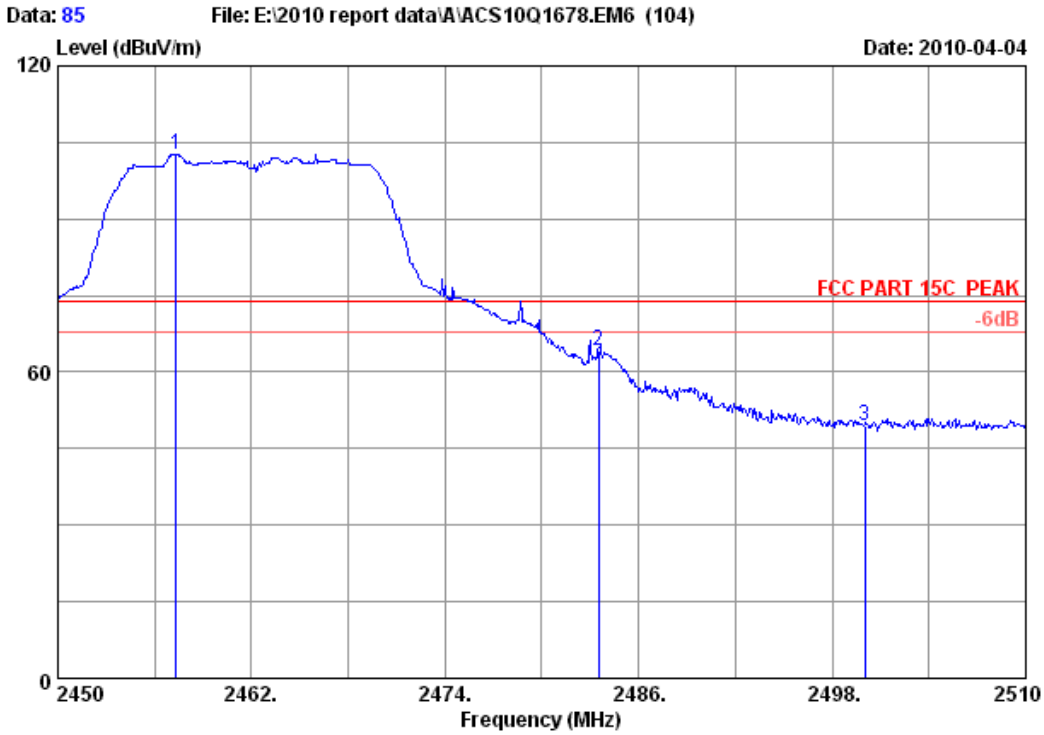
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 84
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2359.450	29.42	8.62	35.91	40.66	42.79	54.00	11.21	Average
2	2390.000	29.44	8.67	36.09	43.73	45.75	54.00	8.25	Average
3	2400.000	29.44	8.72	36.09	52.94	55.01	54.00	-1.01	Average
4	2413.155	29.45	8.72	35.95	83.33	85.55	54.00	-31.55	Average

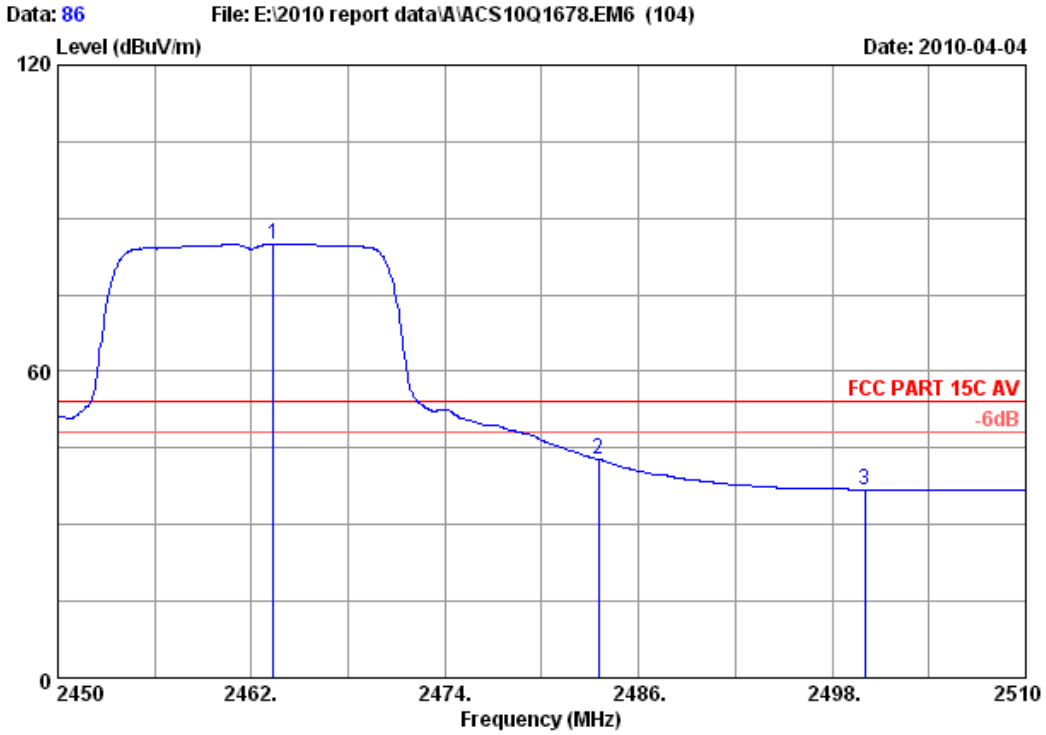
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 85
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2457.320	29.48	8.82	36.02	100.42	102.70	74.00	-28.70	Peak
2	2483.500	29.49	8.87	35.97	61.65	64.04	74.00	9.96	Peak
3	2500.000	29.50	8.92	36.00	47.13	49.55	74.00	24.45	Peak

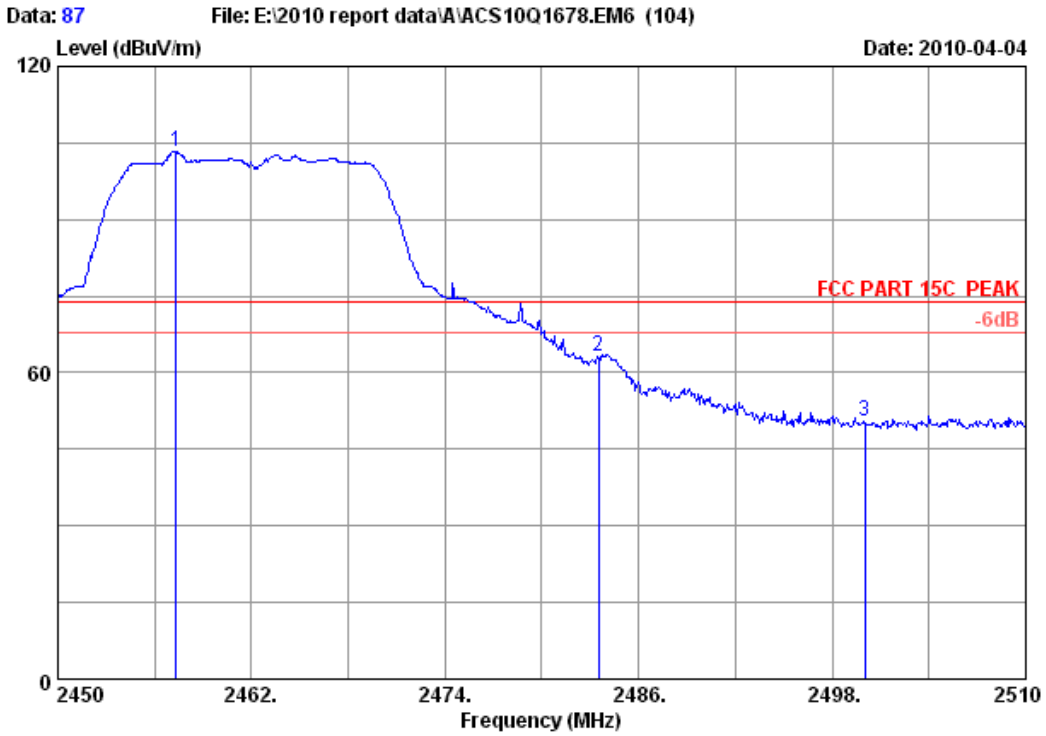
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 86
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2463.380	29.48	8.82	36.02	82.60	84.88	54.00	-30.88	Average
2	2483.500	29.49	8.87	35.97	40.43	42.82	54.00	11.18	Average
3	2500.000	29.50	8.92	36.00	34.43	36.85	54.00	17.15	Average

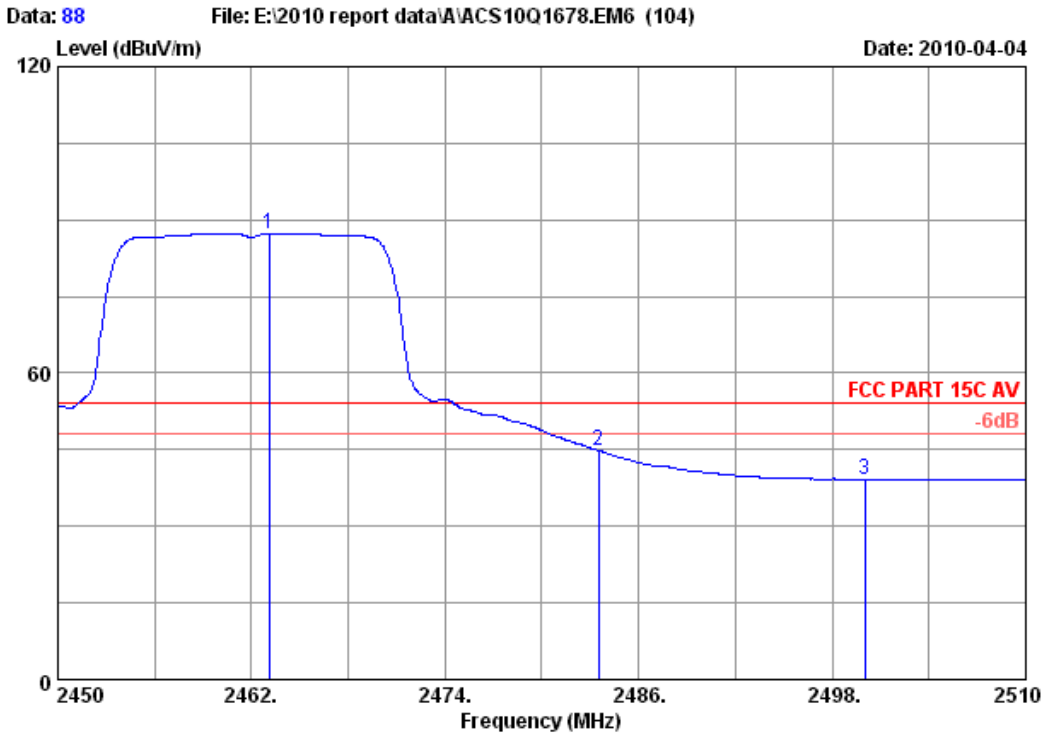
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2457.320	29.48	8.82	36.02	101.03	103.31	74.00	-29.31	Peak
2	2483.500	29.49	8.87	35.97	60.67	63.06	74.00	10.94	Peak
3	2500.000	29.50	8.92	36.00	48.04	50.46	74.00	23.54	Peak

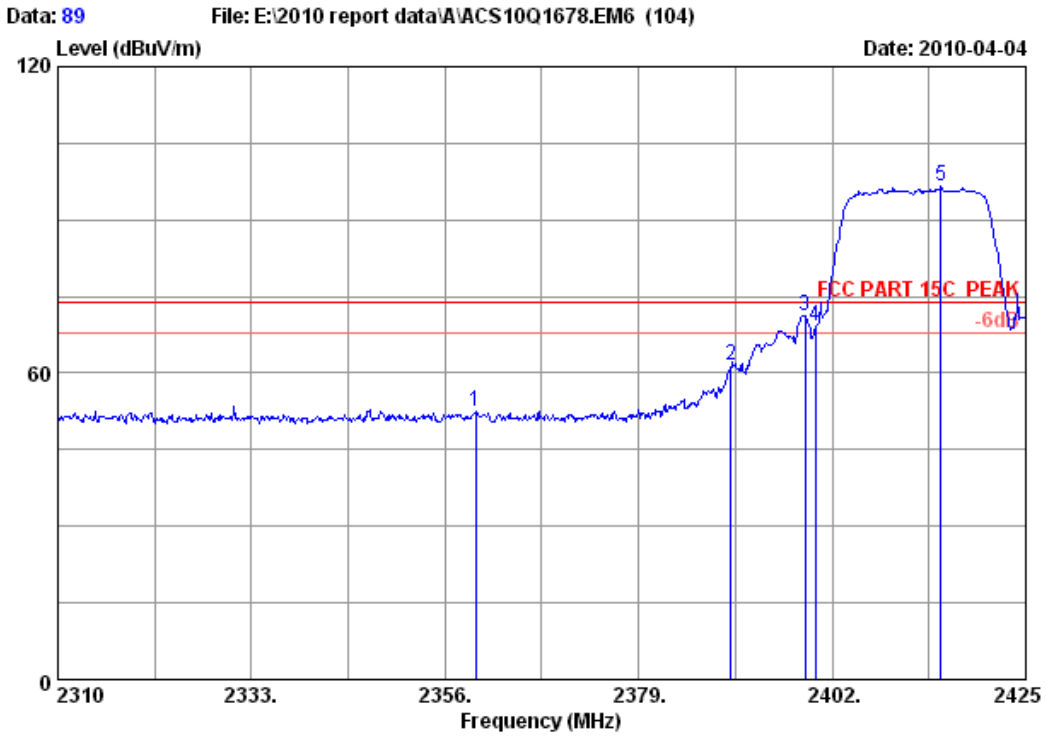
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 88
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11g CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2463.080	29.48	8.82	36.02	85.07	87.35	54.00	-33.35	Average
2	2483.500	29.49	8.87	35.97	42.49	44.88	54.00	9.12	Average
3	2500.000	29.50	8.92	36.00	36.65	39.07	54.00	14.93	Average

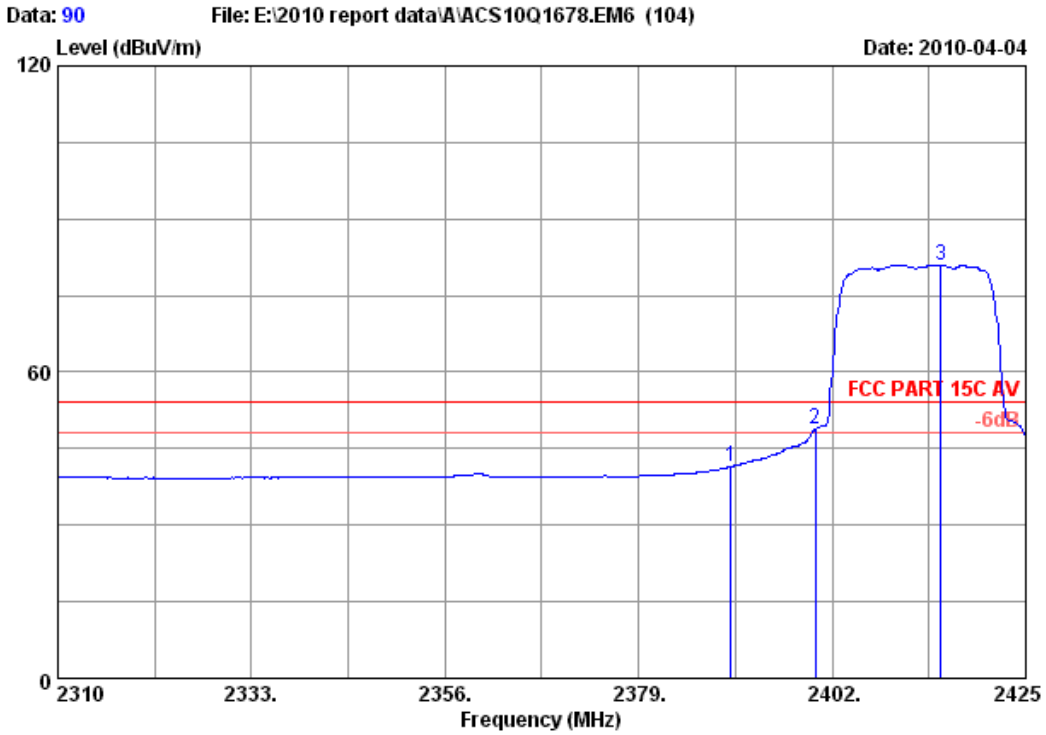
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 89
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2359.680	29.42	8.62	35.91	50.43	52.56	74.00	21.44	Peak
2	2390.000	29.44	8.67	36.09	59.44	61.46	74.00	12.54	Peak
3	2398.780	29.44	8.72	36.09	69.23	71.30	74.00	2.70	Peak
4	2400.000	29.44	8.72	36.09	67.07	69.14	74.00	4.86	Peak
5	2414.880	29.45	8.72	35.95	94.28	96.50	74.00	-22.50	Peak

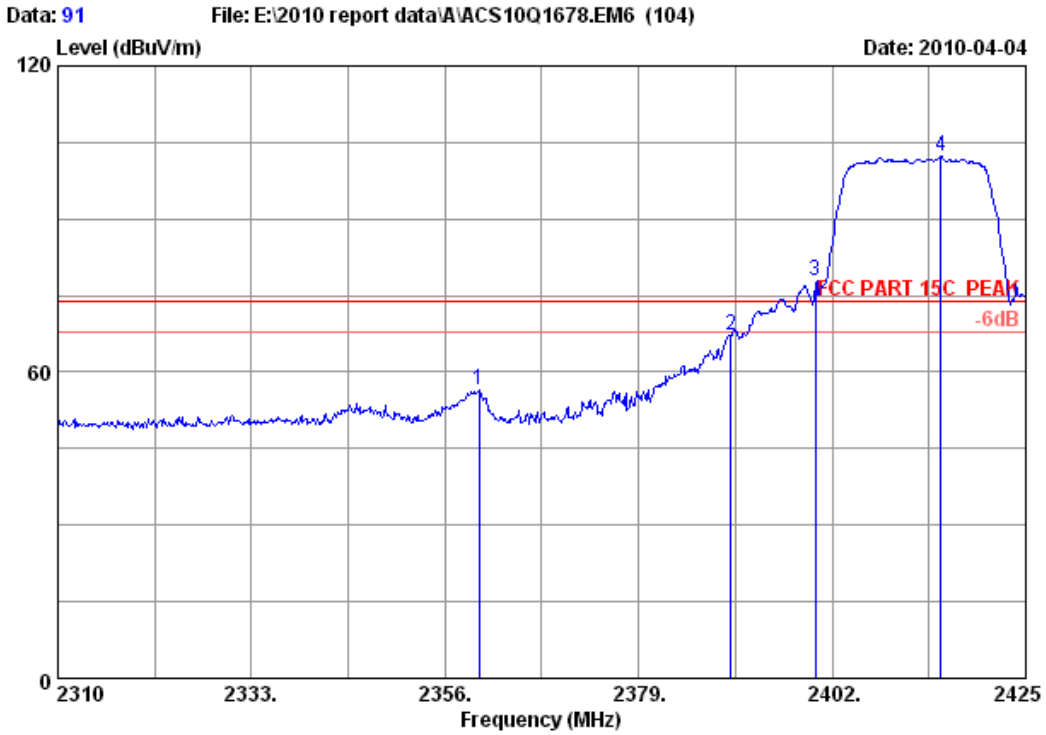
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 90
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2390.000	29.44	8.67	36.09	39.44	41.46	54.00	12.54	Average
2	2400.000	29.44	8.72	36.09	46.84	48.91	54.00	5.09	Average
3	2414.880	29.45	8.72	35.95	78.82	81.04	54.00	-27.04	Average

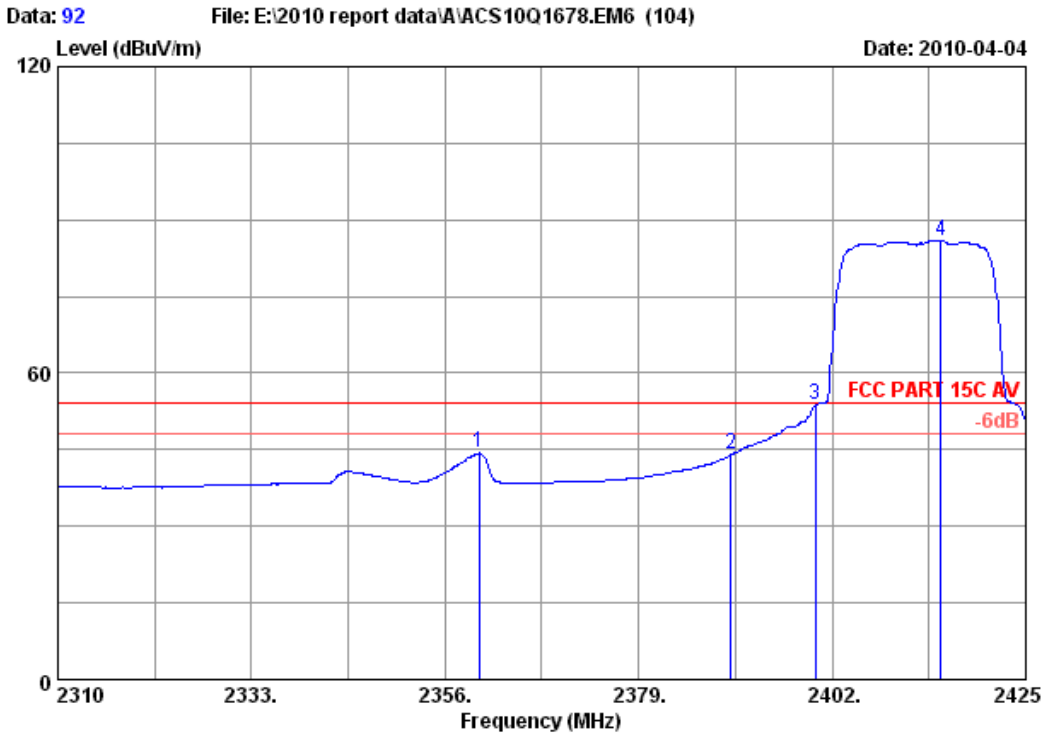
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 91
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2360.025	29.42	8.62	35.91	54.27	56.40	74.00	17.60	Peak
2	2390.000	29.44	8.67	36.09	65.19	67.21	74.00	6.79	Peak
3	2400.000	29.44	8.72	36.09	75.75	77.82	74.00	-3.82	Peak
4	2414.880	29.45	8.72	35.95	100.00	102.22	74.00	-28.22	Peak

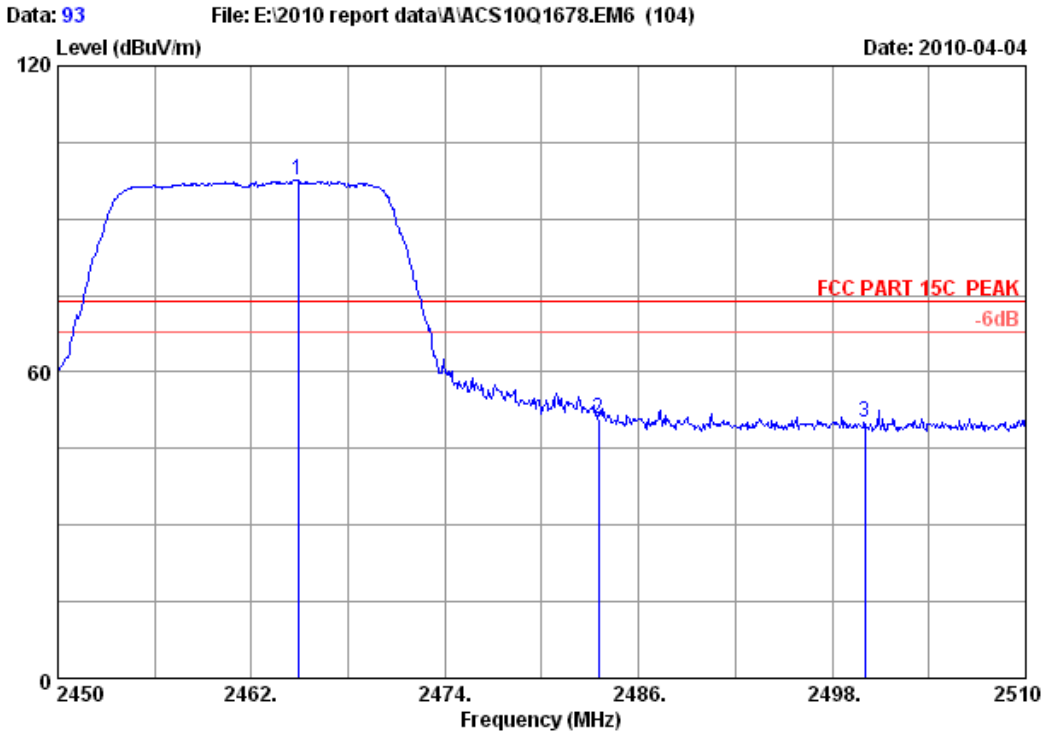
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 92
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH1 2412MHz Tx Mode
M/N : SPADPT08

	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	2360.025	29.42	8.62	35.91	42.16	44.29	54.00	9.71	Average
2	2390.000	29.44	8.67	36.09	42.03	44.05	54.00	9.95	Average
3	2400.000	29.44	8.72	36.09	51.72	53.79	54.00	0.21	Average
4	2414.880	29.45	8.72	35.95	83.60	85.82	54.00	-31.82	Average

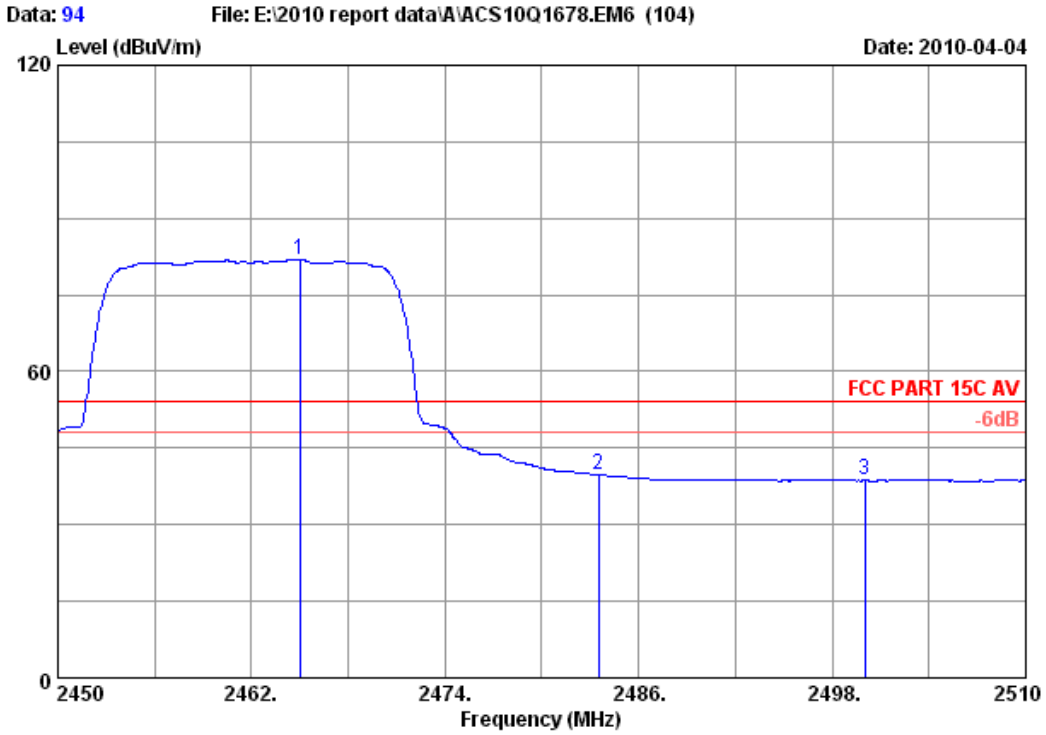
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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 : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2464.880	29.48	8.82	36.02	95.30	97.58	74.00	-23.58	Peak
2	2483.500	29.49	8.87	35.97	48.40	50.79	74.00	23.21	Peak
3	2500.000	29.50	8.92	36.00	47.57	49.99	74.00	24.01	Peak

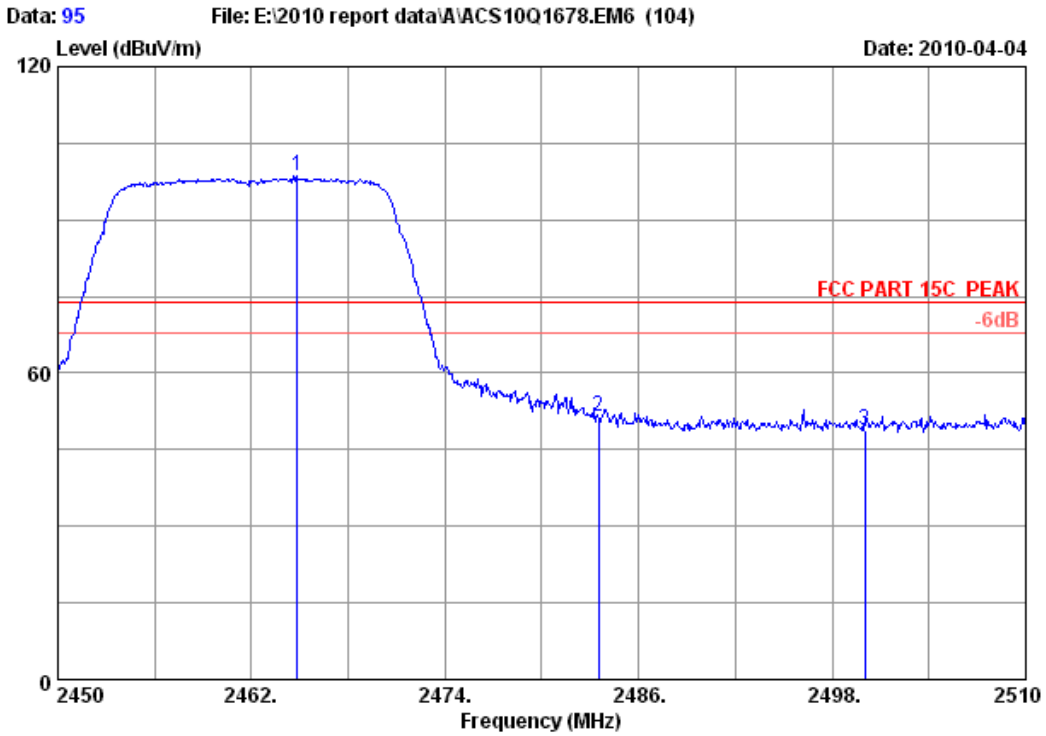
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 94
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2465.000	29.48	8.82	36.02	79.55	81.83	54.00	-27.83	Average
2	2483.500	29.49	8.87	35.97	37.36	39.75	54.00	14.25	Average
3	2500.000	29.50	8.92	36.00	36.19	38.61	54.00	15.39	Average

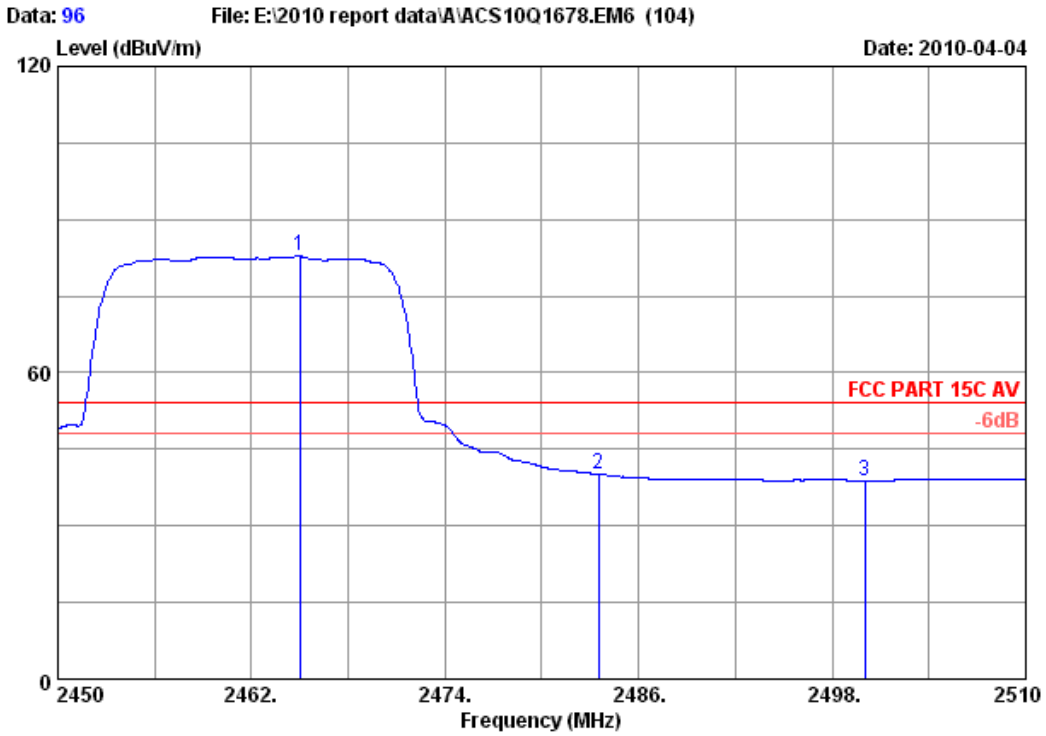
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 95
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2464.820	29.48	8.82	36.02	96.23	98.51	74.00	-24.51	Peak
2	2483.500	29.49	8.87	35.97	49.16	51.55	74.00	22.45	Peak
3	2500.000	29.50	8.92	36.00	46.30	48.72	74.00	25.28	Peak

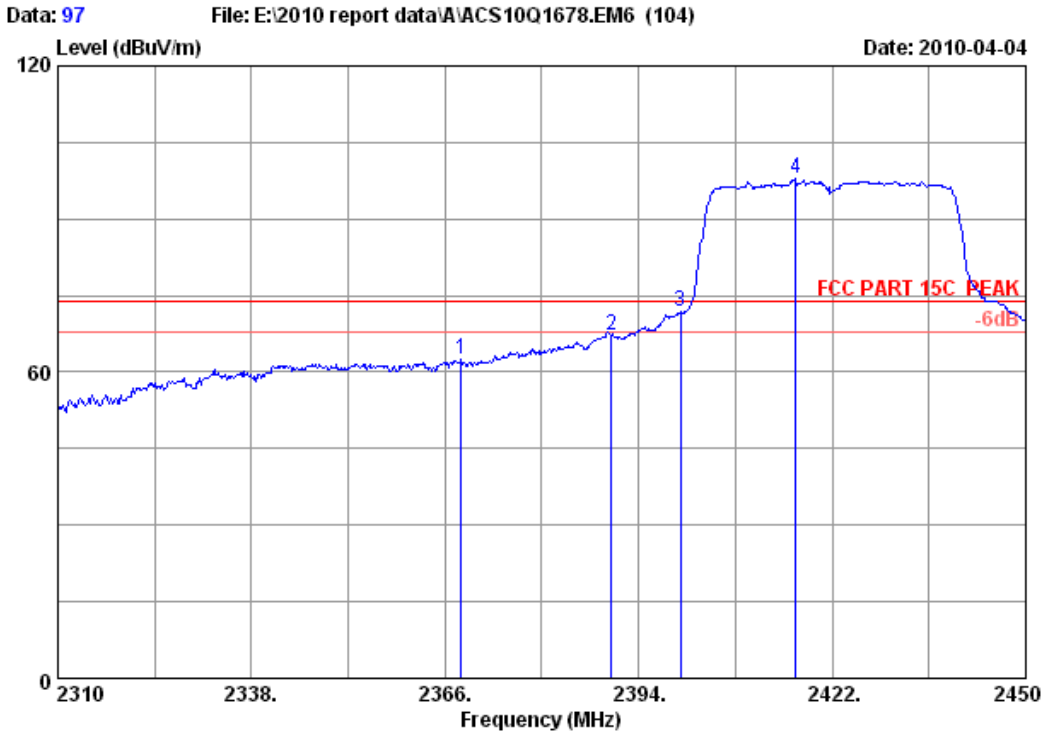
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 96
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT20 CH11 2462MHz Tx Mode
M/N : SPADPT08

	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	2465.000	29.48	8.82	36.02	80.47	82.75	54.00	-28.75	Average
2	2483.500	29.49	8.87	35.97	37.67	40.06	54.00	13.94	Average
3	2500.000	29.50	8.92	36.00	36.48	38.90	54.00	15.10	Average

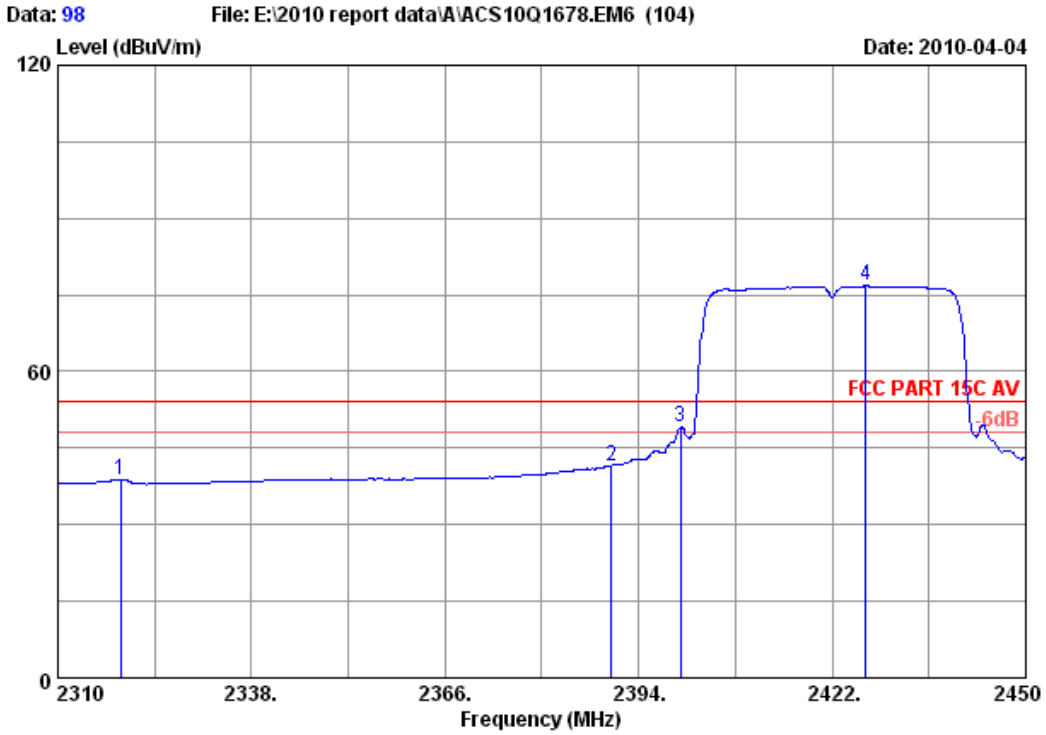
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 97
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	2368.380	29.42	8.62	35.91	60.21	62.34	74.00	11.66	Peak
2	2390.000	29.44	8.67	36.09	65.32	67.34	74.00	6.66	Peak
3	2400.000	29.44	8.72	36.09	69.63	71.70	74.00	2.30	Peak
4	2416.680	29.45	8.72	35.95	95.65	97.87	74.00	-23.87	Peak

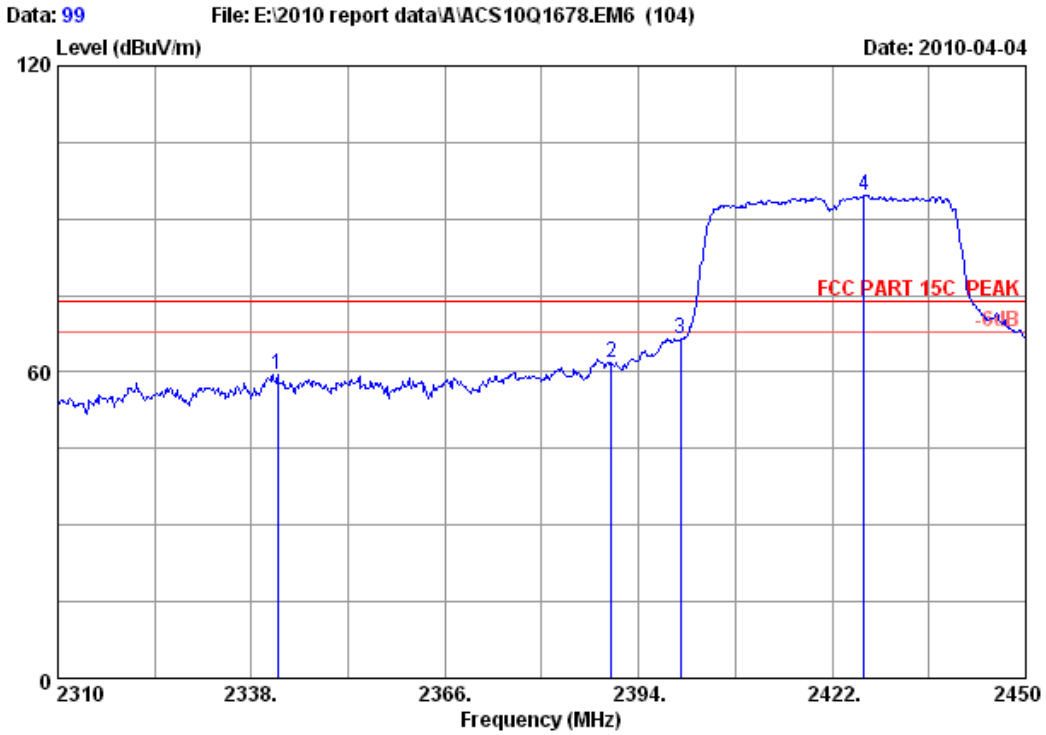
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 98
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	2319.100	29.40	8.52	36.06	36.98	38.84	54.00	15.16	Average
2	2390.000	29.44	8.67	36.09	39.55	41.57	54.00	12.43	Average
3	2400.000	29.44	8.72	36.09	47.02	49.09	54.00	4.91	Average
4	2426.900	29.46	8.77	36.01	74.54	76.76	54.00	-22.76	Average

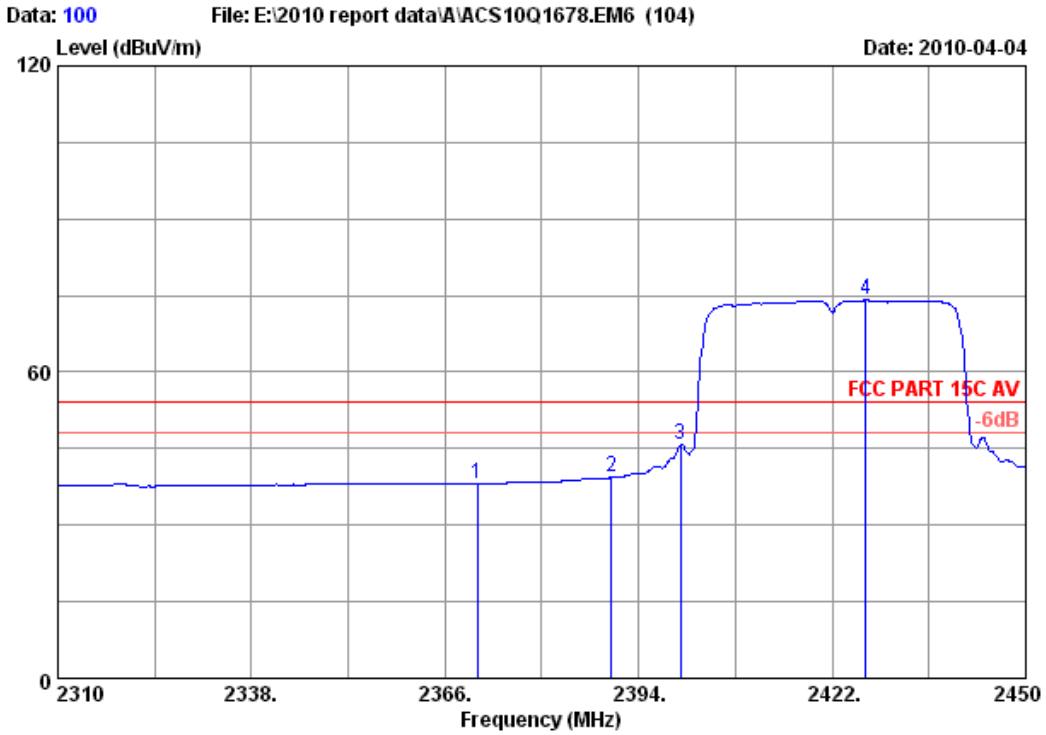
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 99
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	2341.780	29.41	8.57	35.99	57.37	59.36	74.00	14.64	Peak
2	2390.000	29.44	8.67	36.09	59.74	61.76	74.00	12.24	Peak
3	2400.000	29.44	8.72	36.09	64.33	66.40	74.00	7.60	Peak
4	2426.620	29.46	8.77	36.01	92.28	94.50	74.00	-20.50	Peak

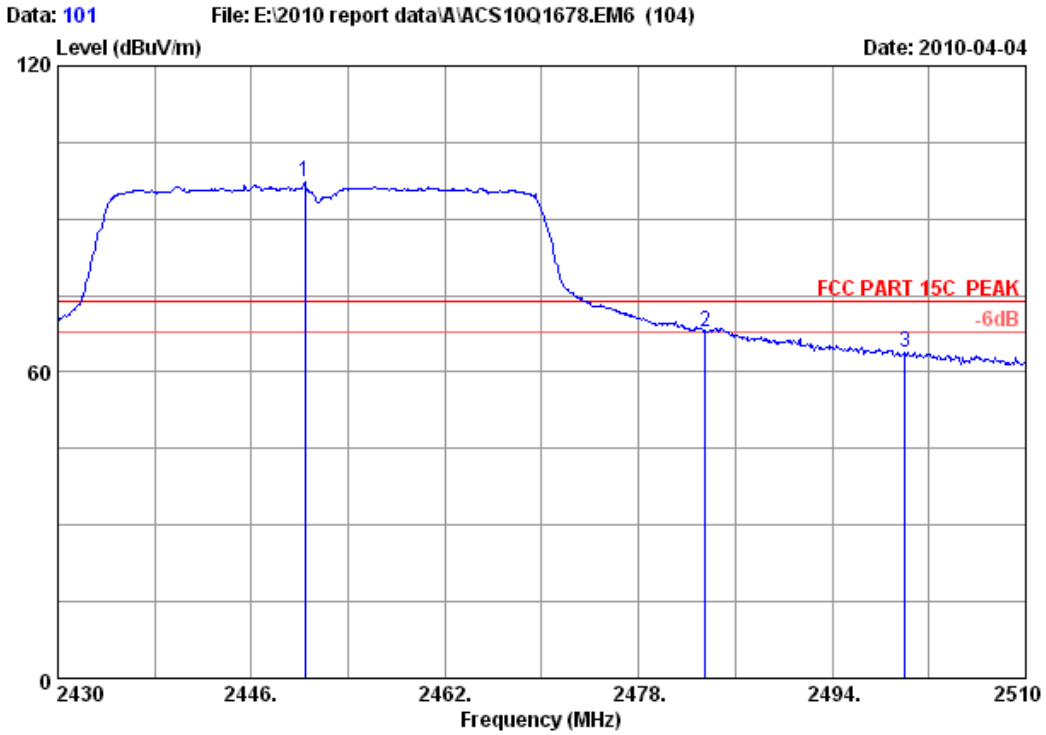
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 100
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH1 2422MHz Tx Mode
M/N : SPADPT08

	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	2370.620	29.43	8.62	36.00	36.19	38.24	54.00	15.76	Average
2	2390.000	29.44	8.67	36.09	37.29	39.31	54.00	14.69	Average
3	2400.000	29.44	8.72	36.09	43.71	45.78	54.00	8.22	Average
4	2426.900	29.46	8.77	36.01	71.85	74.07	54.00	-20.07	Average

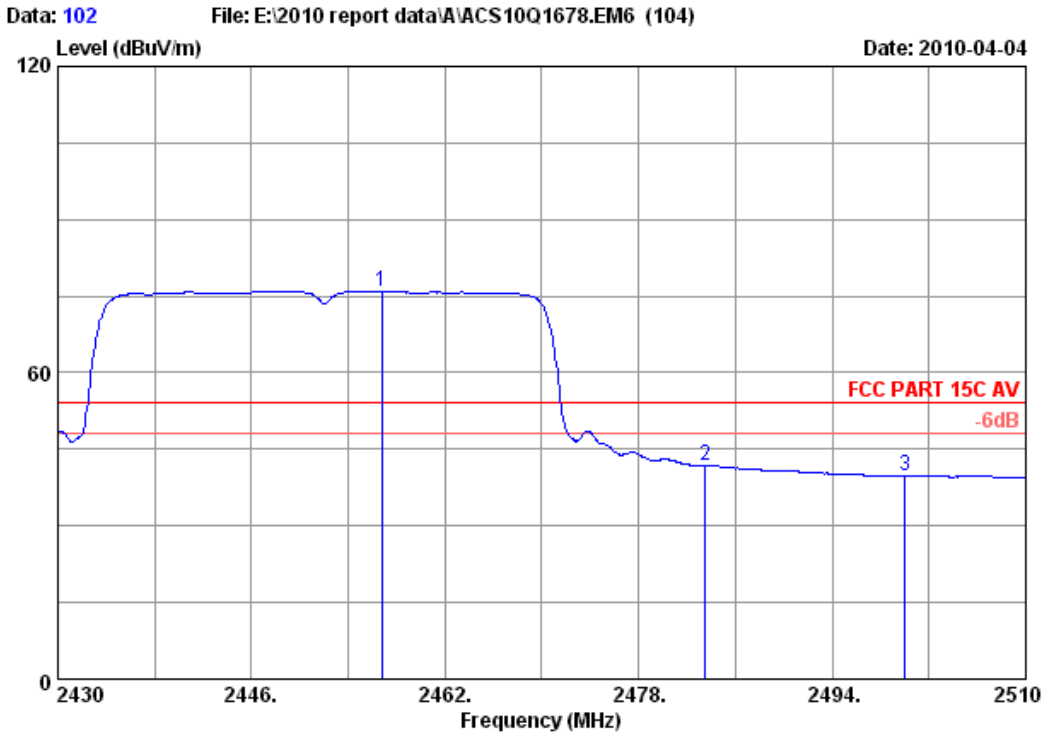
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 101
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	2450.400	29.47	8.82	36.06	95.10	97.33	74.00	-23.33	Peak
2	2483.500	29.49	8.87	35.97	65.60	67.99	74.00	6.01	Peak
3	2500.000	29.50	8.92	36.00	61.46	63.88	74.00	10.12	Peak

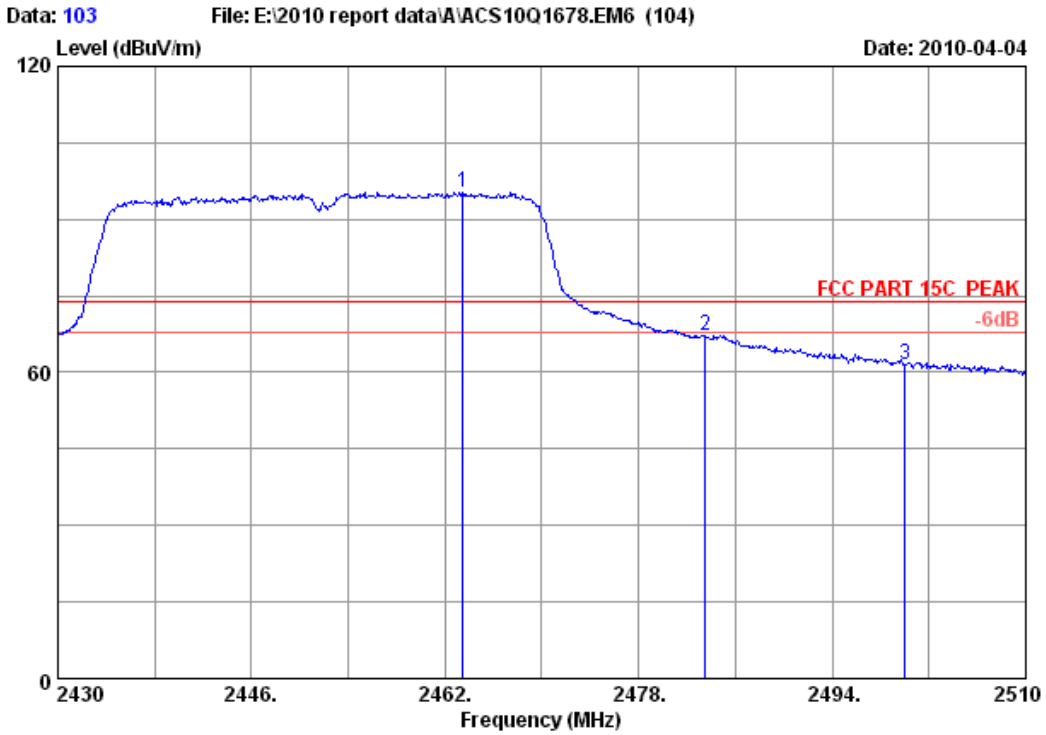
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 102
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	2456.800	29.48	8.82	36.02	73.63	75.91	54.00	-21.91	Average
2	2483.500	29.49	8.87	35.97	39.43	41.82	54.00	12.18	Average
3	2500.000	29.50	8.92	36.00	37.36	39.78	54.00	14.22	Average

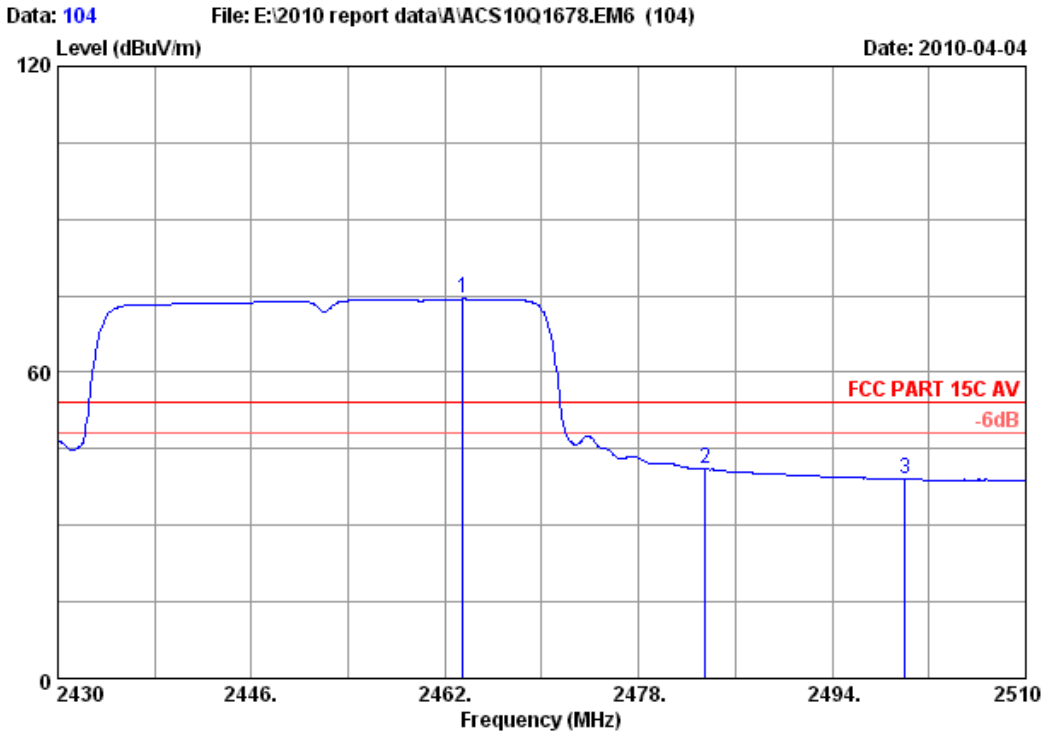
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 103
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	2463.440	29.48	8.82	36.02	92.92	95.20	74.00	-21.20	Peak
2	2483.500	29.49	8.87	35.97	64.75	67.14	74.00	6.86	Peak
3	2500.000	29.50	8.92	36.00	59.19	61.61	74.00	12.39	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. : 104
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : iomega SP USB ADAPTOR
Power : DC 5V From PC input AC 120V/60Hz
Test mode : 11nHT40 CH7 2452MHz Tx Mode
M/N : SPADPT08

	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	2463.440	29.48	8.82	36.02	72.11	74.39	54.00	-20.39	Average
2	2483.500	29.49	8.87	35.97	38.63	41.02	54.00	12.98	Average
3	2500.000	29.50	8.92	36.00	36.66	39.08	54.00	14.92	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.

7. 6dB Bandwidth Test

7.1.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	SUCOFLEX102	28618/2	May.08,10	1Year

7.2.Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

7.3.Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300 kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

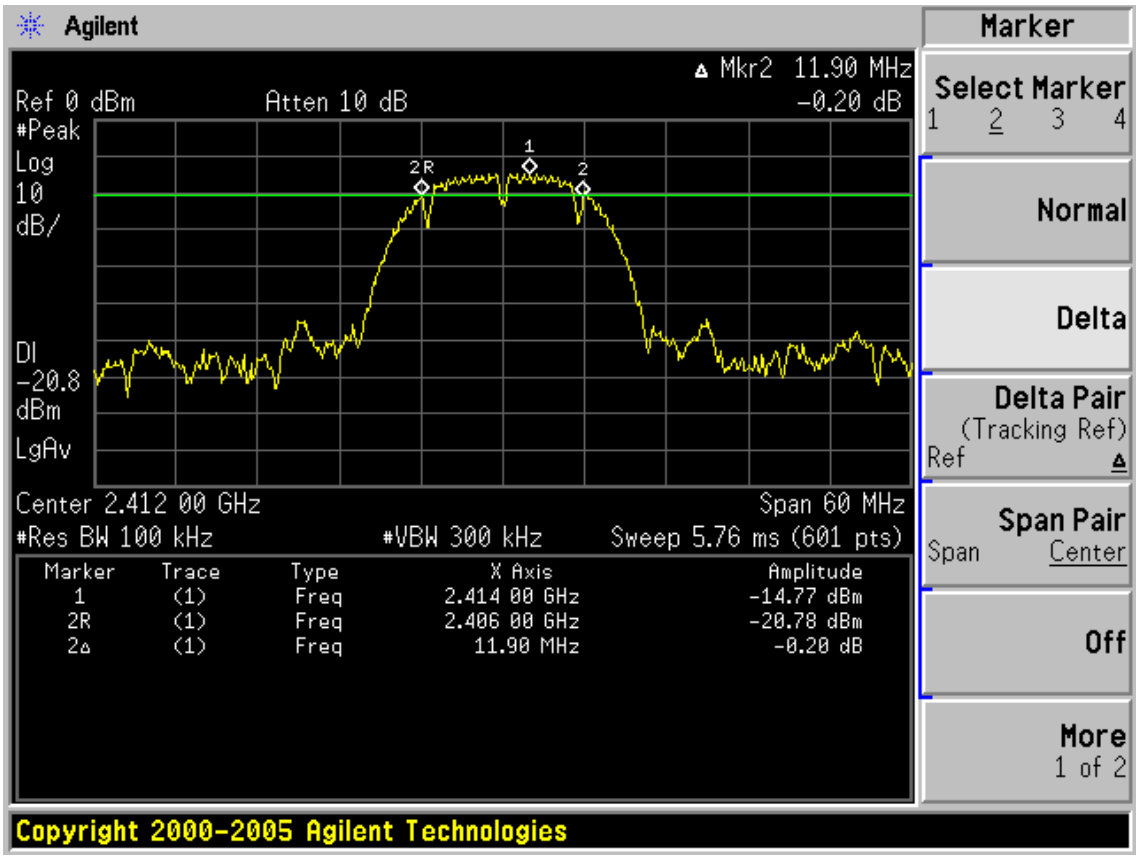
7.4.Test Results

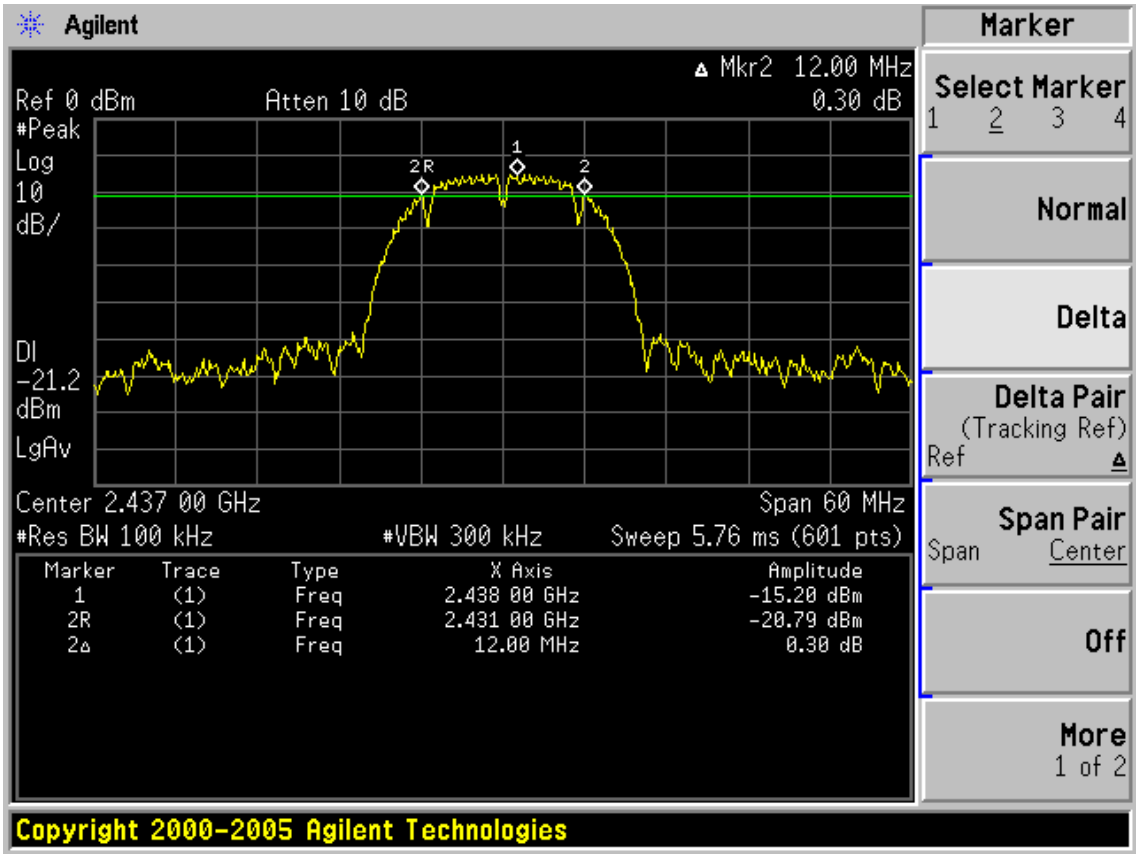
EUT:iomega SP USB ADAPTOR		
M/N:SPADPT08		
Test date:2010-09-10	Pressure: 100.6 kpa	Humidity: 60 %
Tested by: Sunny-lu	Test site: RF Site	Temperature：25℃

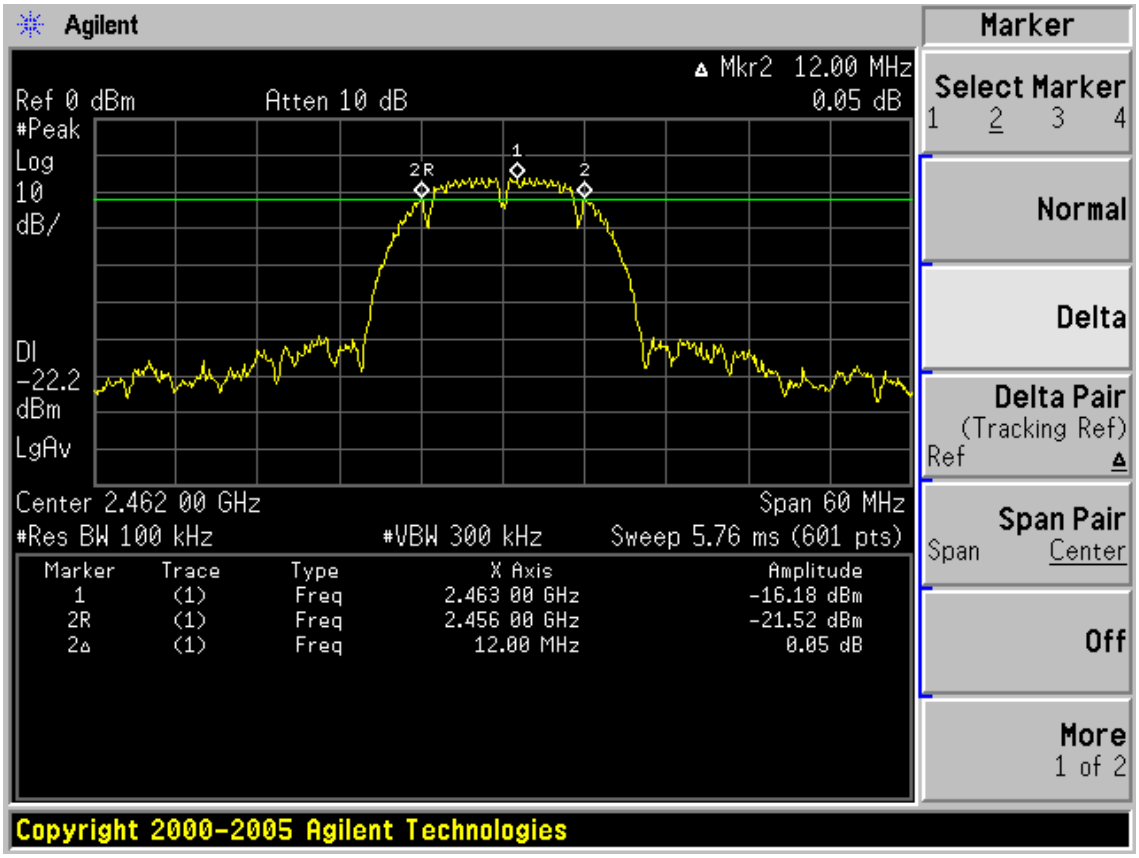
Cable loss: 0.6dB		Attenuator loss: 20 dB		Antenna Gain: 0 dBi
Test Mode	CH	Result		Limit (KHz)
		Chain0 6dB bandwidth（MHz）	Chain1 6dB bandwidth（MHz）	
11b	CH1	11.90	N/A	>500
	CH6	12.00	N/A	>500
	CH11	12.00	N/A	>500
11g	CH1	16.10	N/A	>500
	CH6	16.00	N/A	>500
	CH11	16.00	N/A	>500
11n HT20	CH1	16.00	15.90	>500
	CH6	15.90	15.90	>500
	CH11	16.00	15.70	>500
11n HT40	CH1	35.40	35.30	>500
	CH4	35.30	35.40	>500
	CH7	35.30	35.10	>500
Conclusion：PASS				

Chain 0:

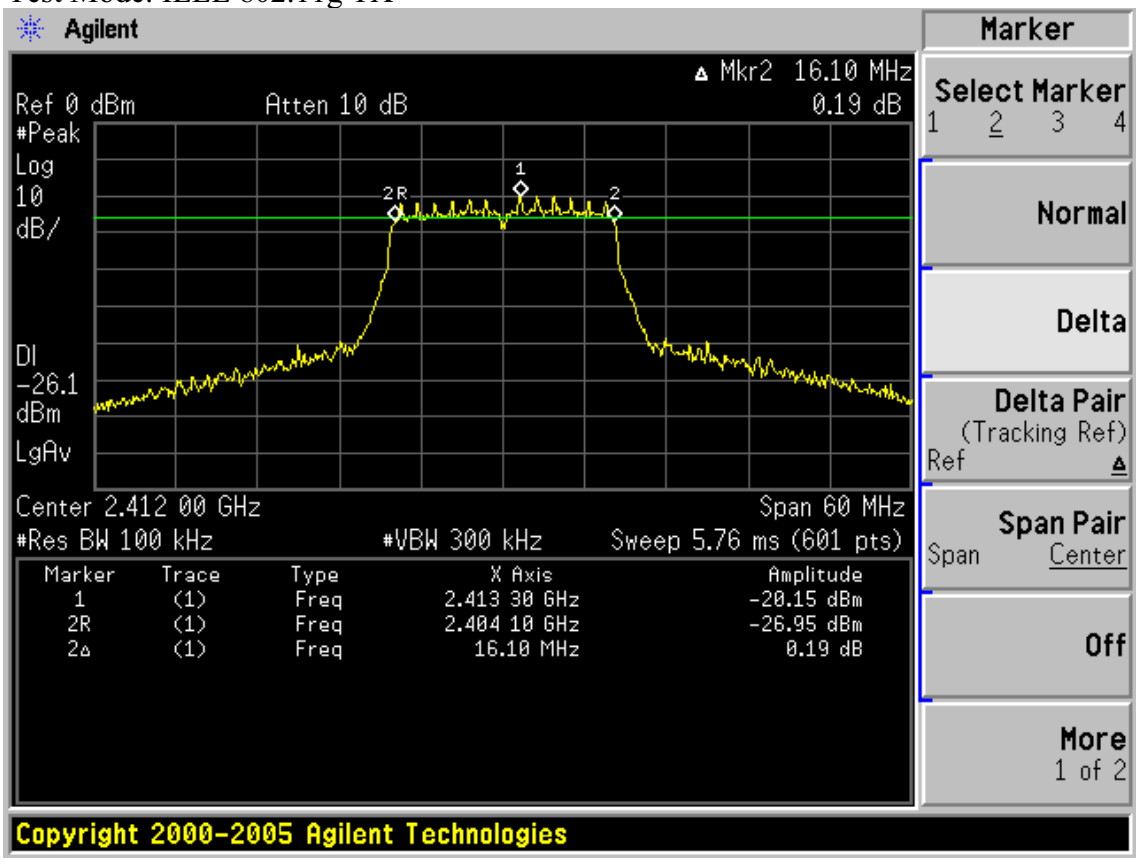
Test Mode: IEEE 802.11b TX

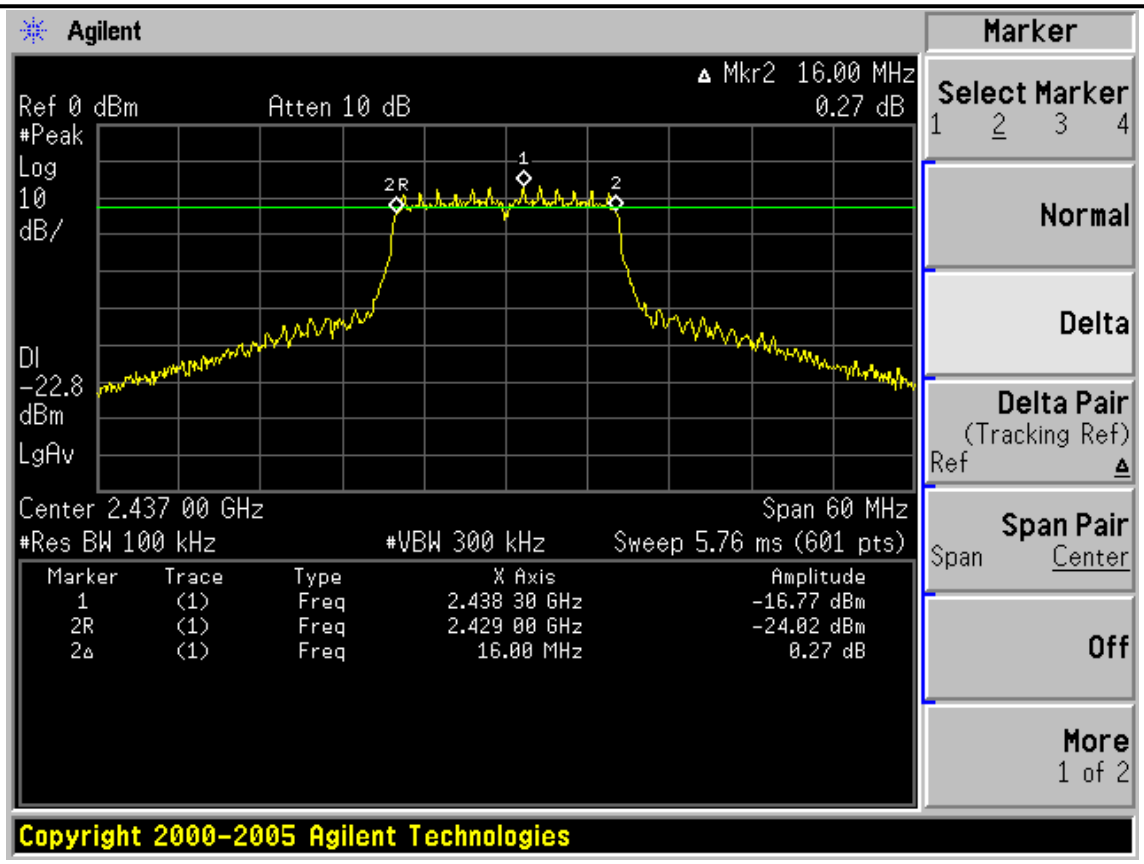


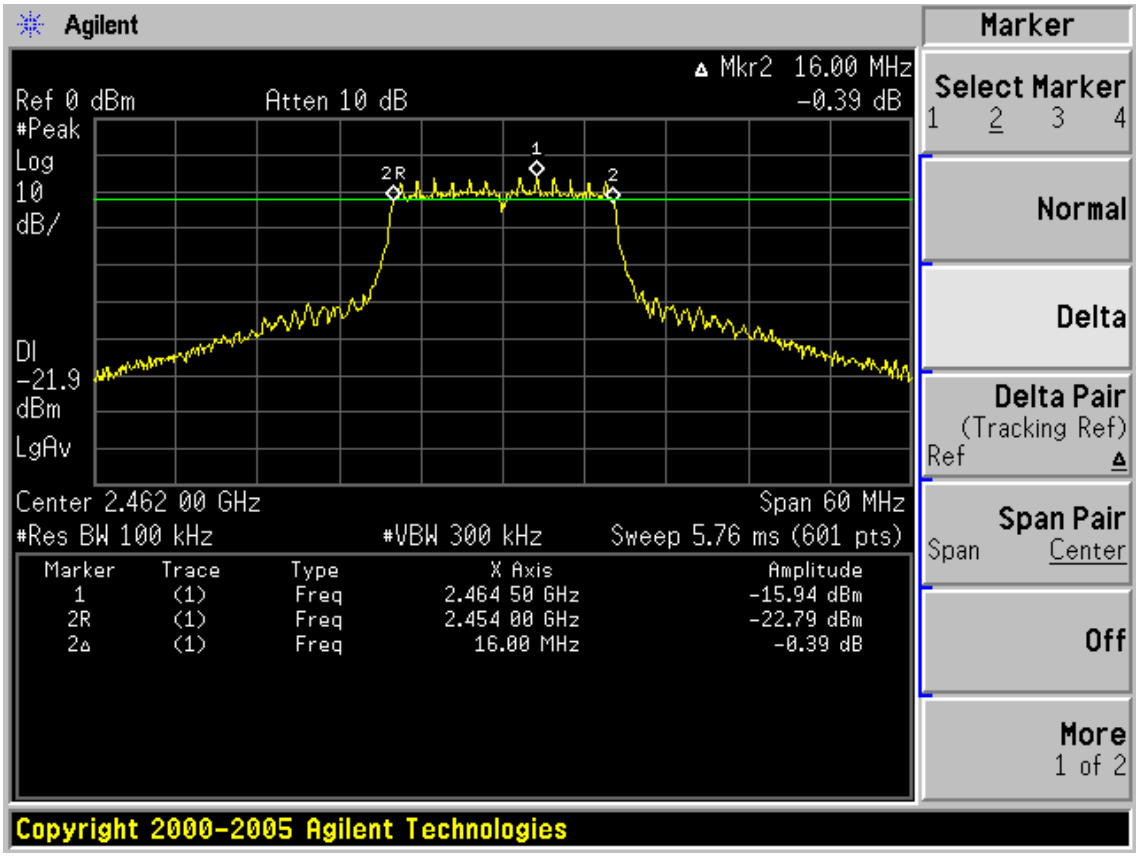




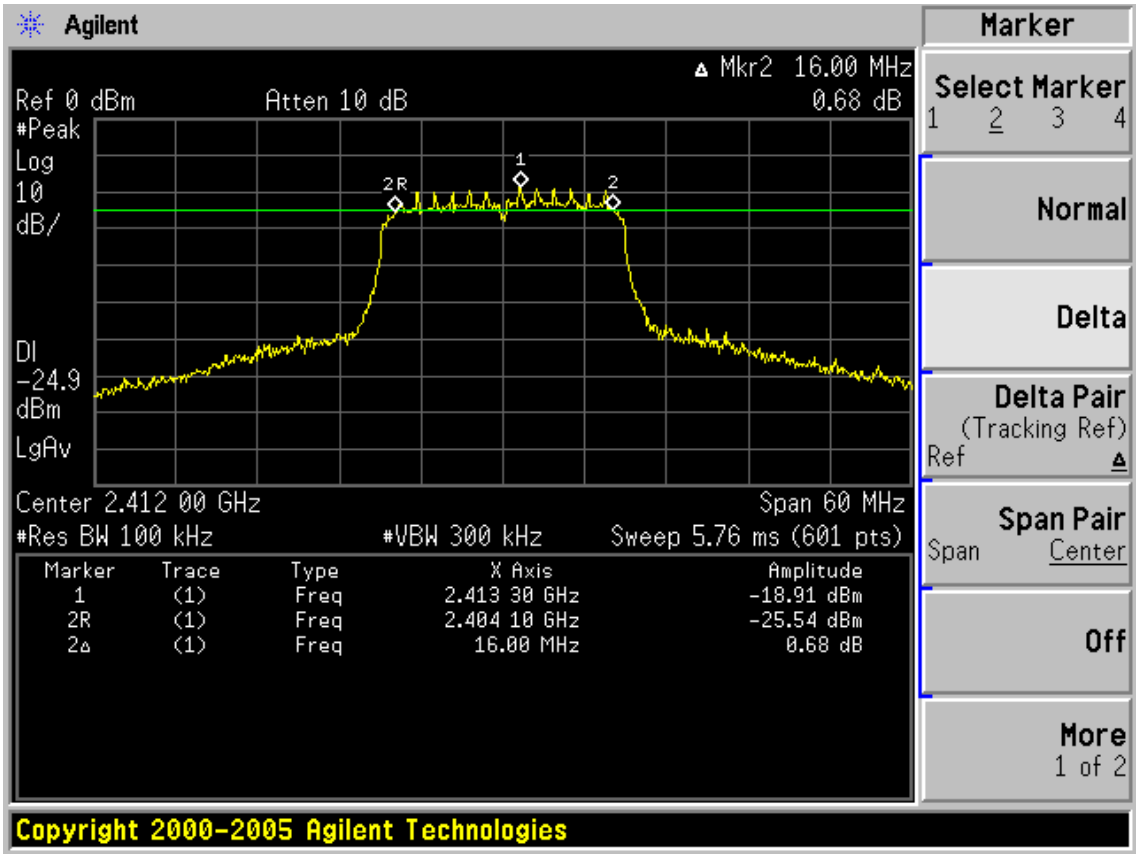
Test Mode: IEEE 802.11g TX

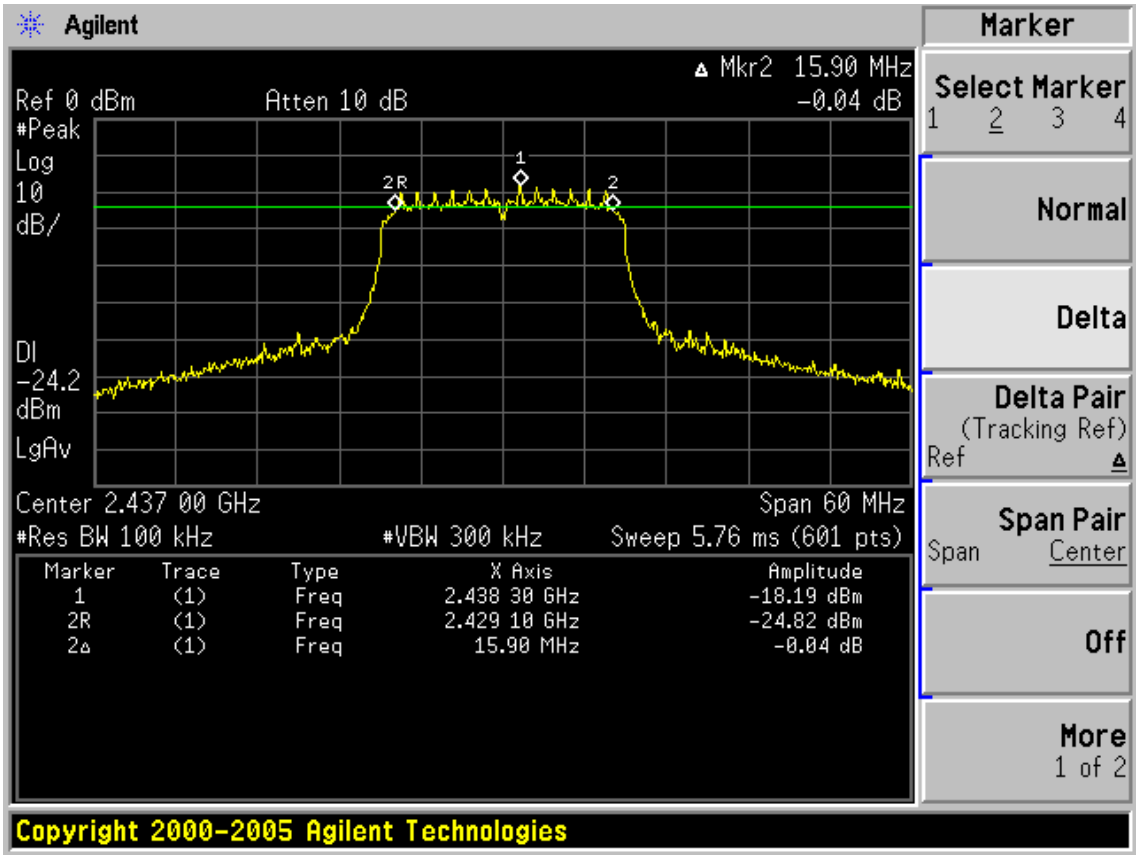


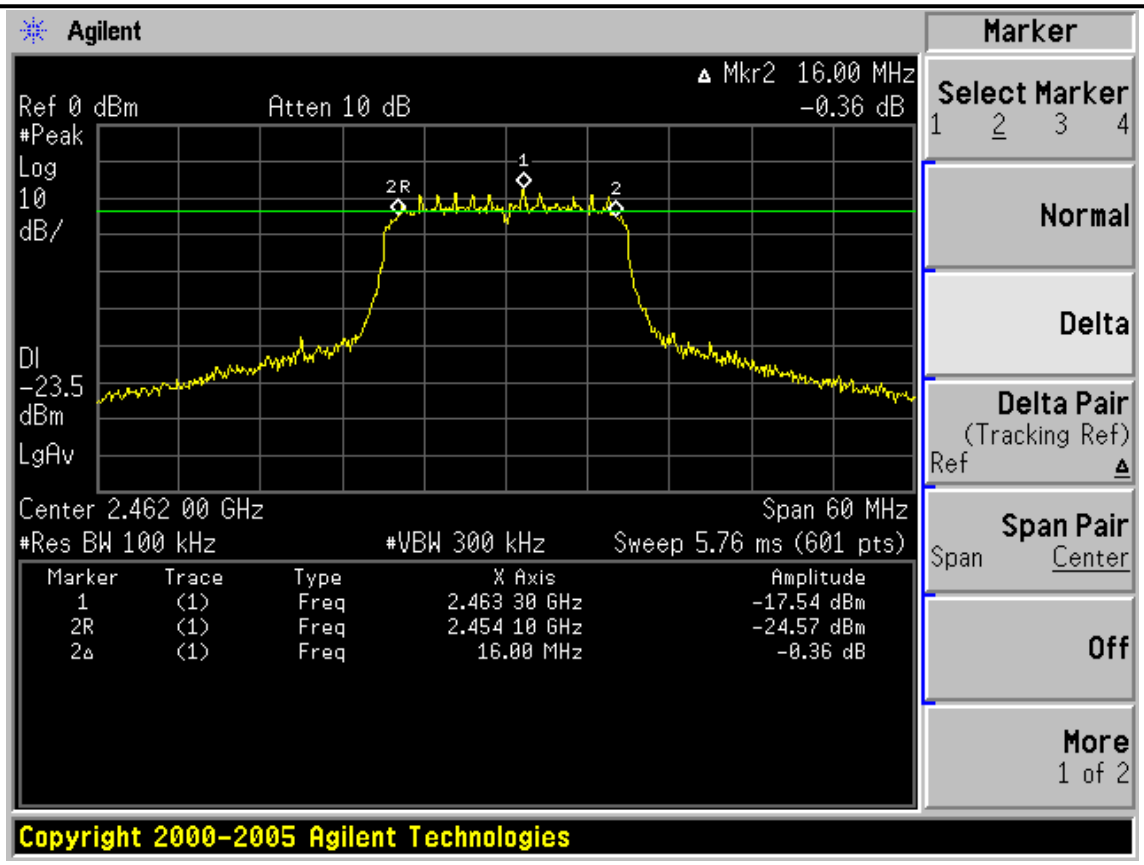

Agilent
Marker
Mkr2 16.00 MHz
Ref 0 dBm
Atten 10 dB
0.27 dB
#Peak
Log
10
dB/
DI
-22.8
dBm
LgAv
Center 2.437 00 GHz
Span 60 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.438 30 GHz -16.77 dBm
2R (1) Freq 2.429 00 GHz -24.02 dBm
2Δ (1) Freq 16.00 MHz 0.27 dB
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
Marker
Mkr2 16.00 MHz
Ref 0 dBm
Atten 10 dB
-0.39 dB
#Peak
Log
10
dB/
DI
-21.9
dBm
LgAv
Center 2.462 00 GHz
Span 60 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.464 50 GHz -15.94 dBm
2R (1) Freq 2.454 00 GHz -22.79 dBm
2Δ (1) Freq 16.00 MHz -0.39 dB
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

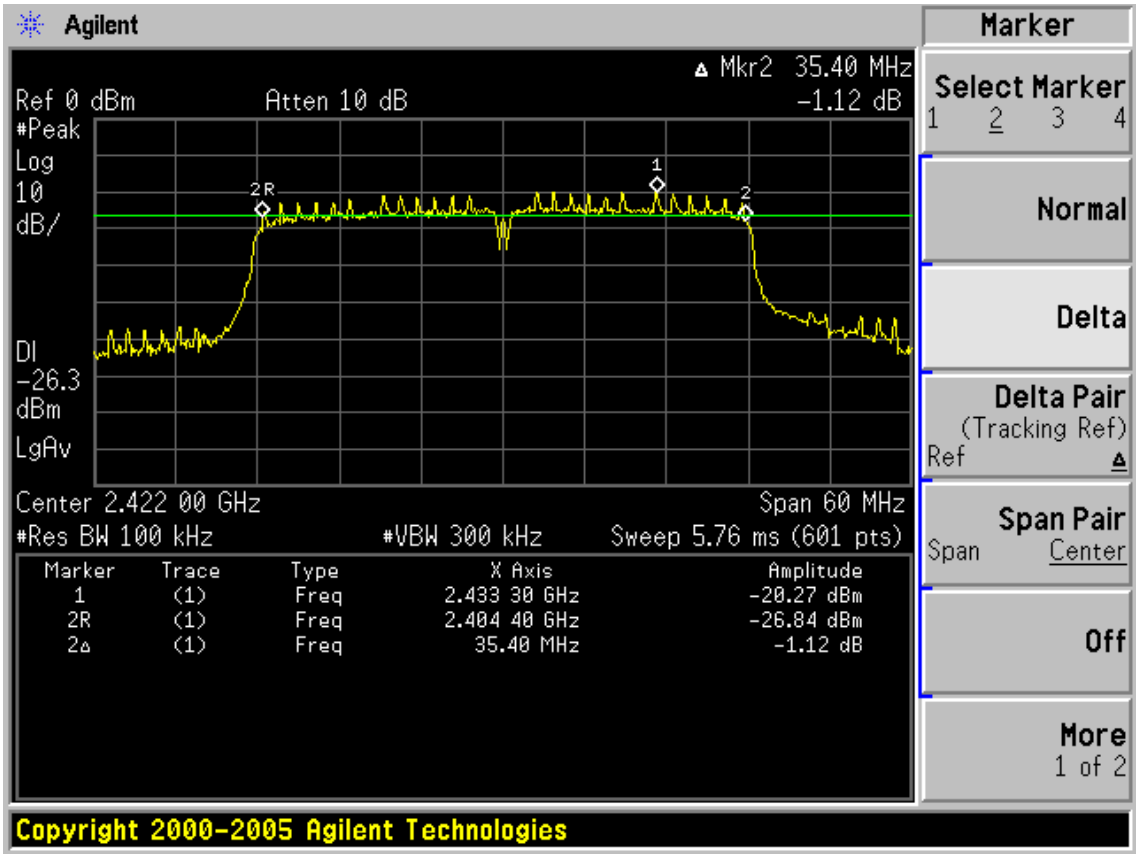
Test Mode: IEEE 802.11n HT20 TX

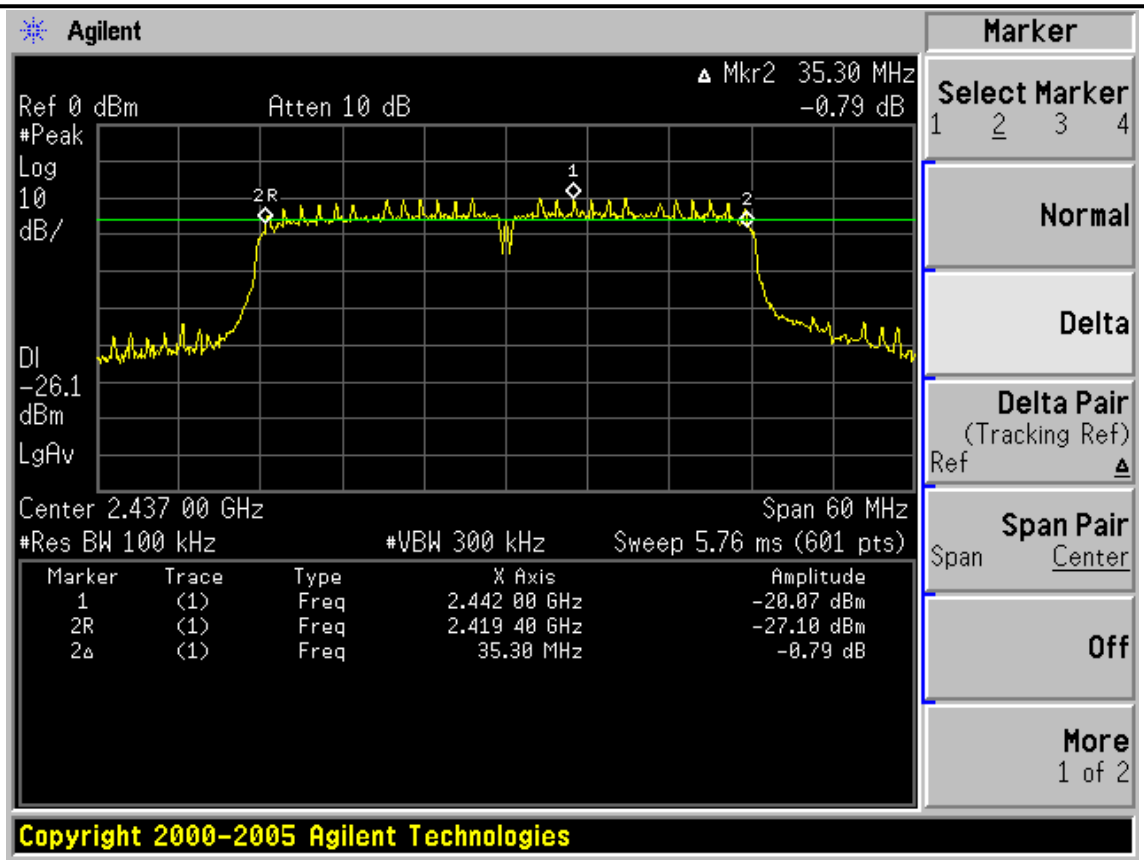


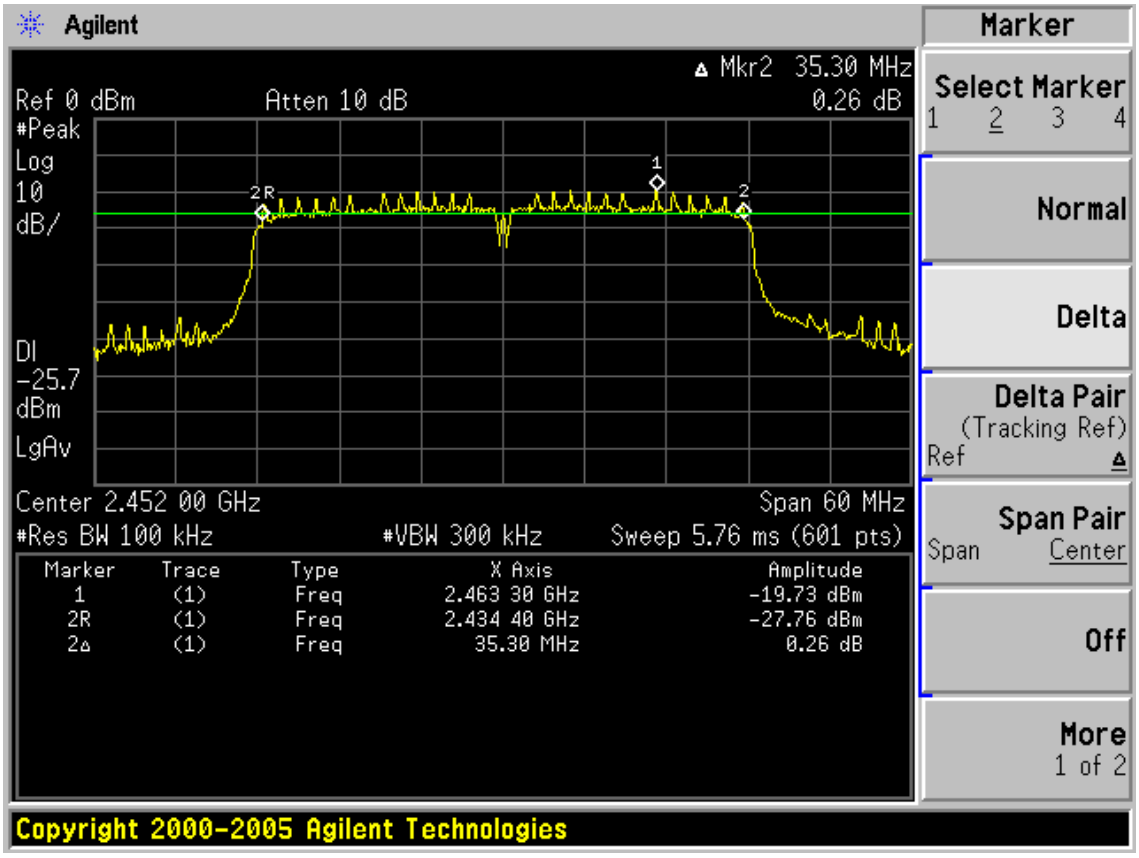




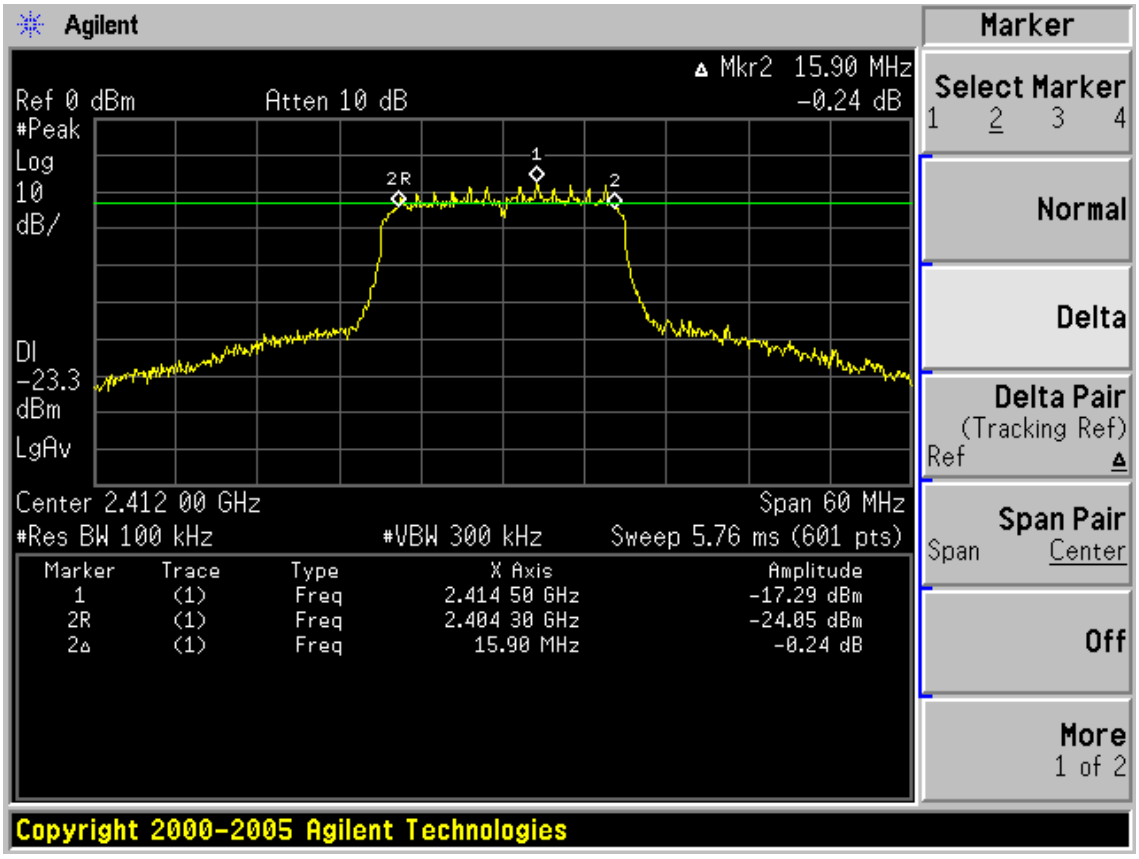
Test Mode: IEEE 802.11n HT40 TX

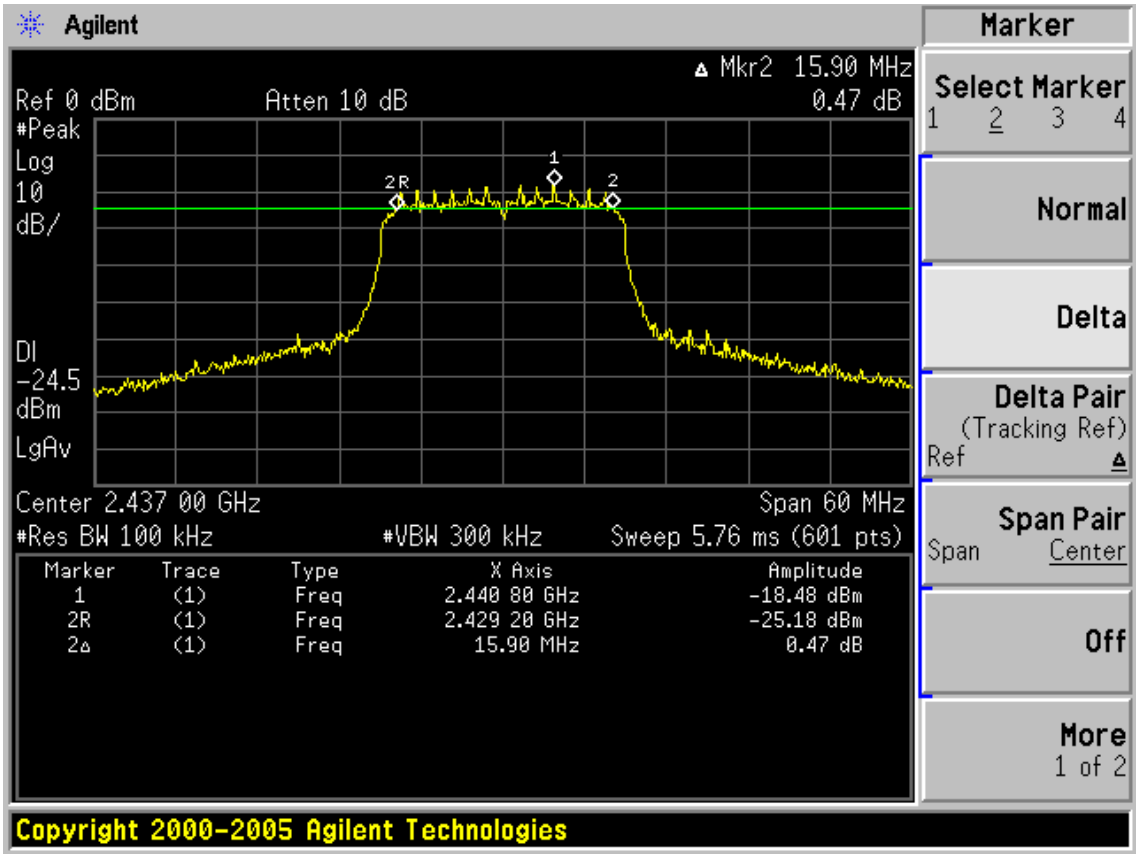


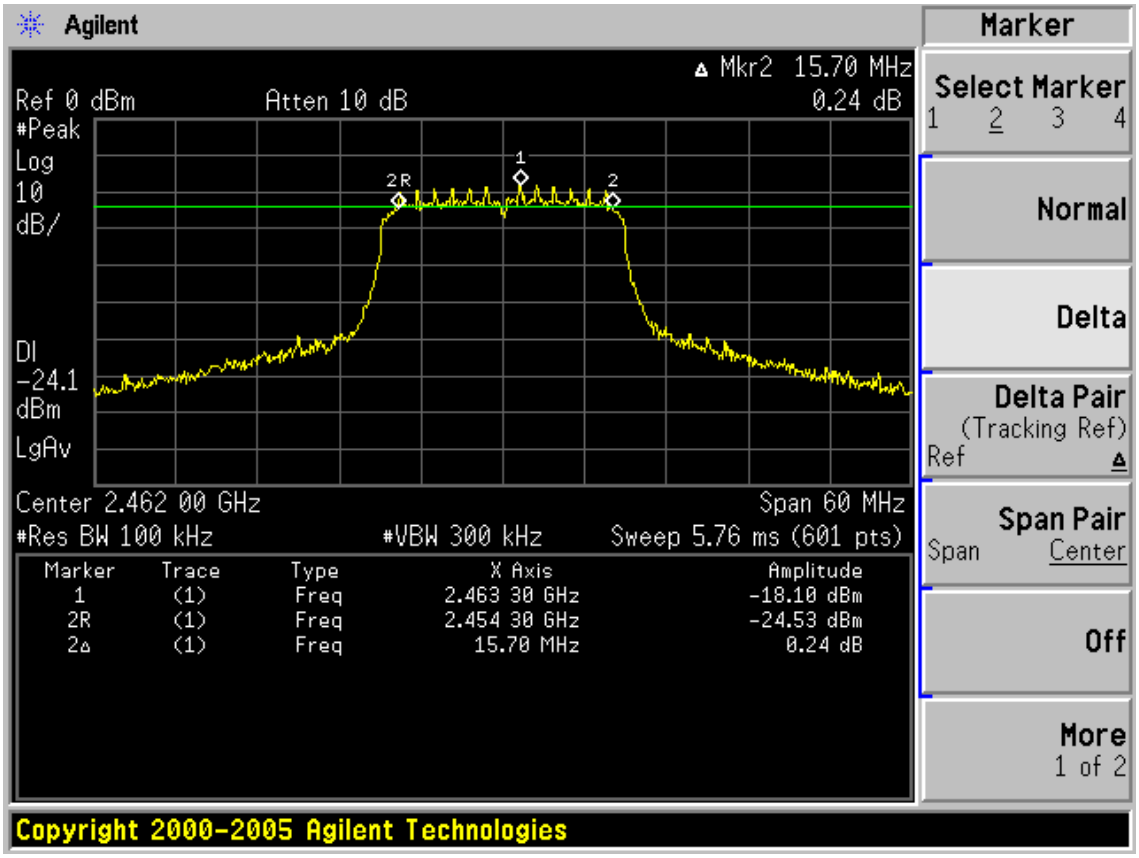

Agilent
Marker
Mkr2 35.30 MHz
Ref 0 dBm
Atten 10 dB
-0.79 dB
#Peak
Log
10
dB/
DI
-26.1
dBm
LgAv
Center 2.437 00 GHz
Span 60 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.442 00 GHz -20.07 dBm
2R (1) Freq 2.419 40 GHz -27.10 dBm
2Δ (1) Freq 35.30 MHz -0.79 dB
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
Marker
Mkr2 35.30 MHz
Ref 0 dBm
Atten 10 dB
0.26 dB
#Peak
Log
10
dB/
DI
-25.7
dBm
LgAv
Center 2.452 00 GHz
Span 60 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.463 30 GHz -19.73 dBm
2R (1) Freq 2.434 40 GHz -27.76 dBm
2Δ (1) Freq 35.30 MHz 0.26 dB
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

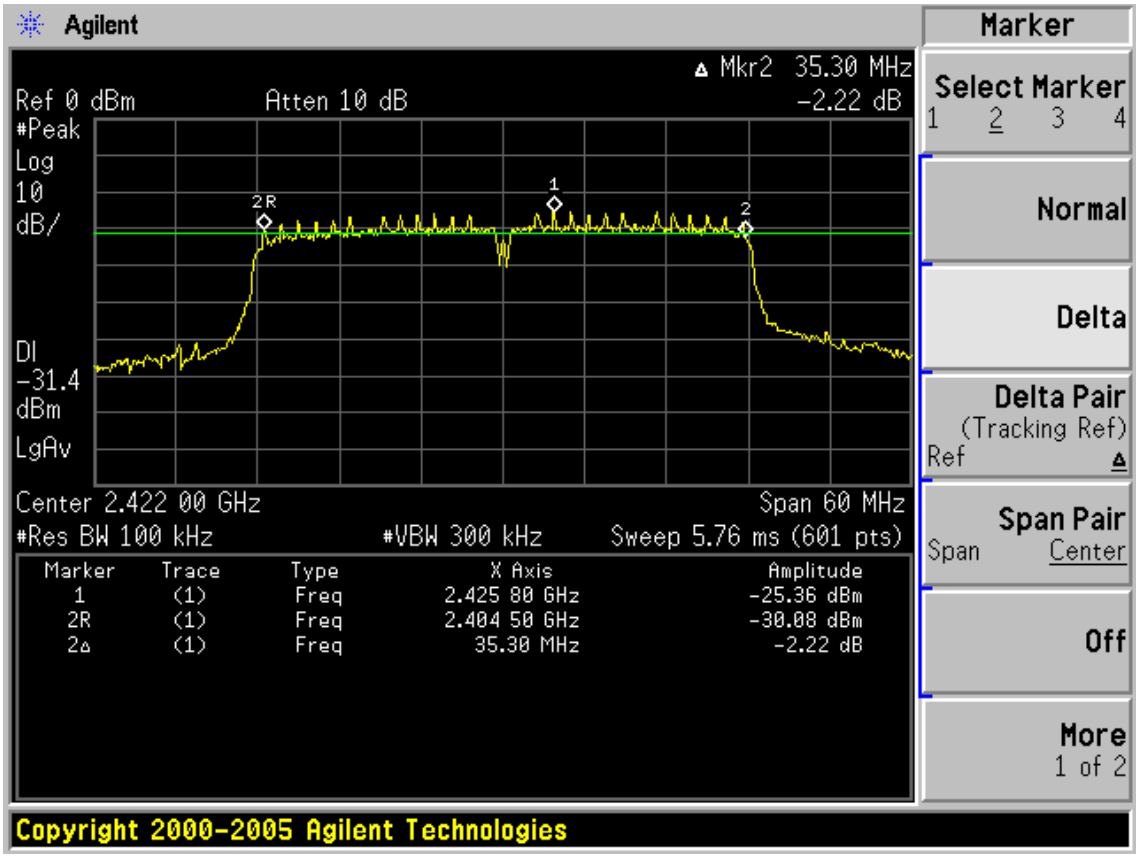
Chain 1:
Test Mode: IEEE 802.11n HT20 TX

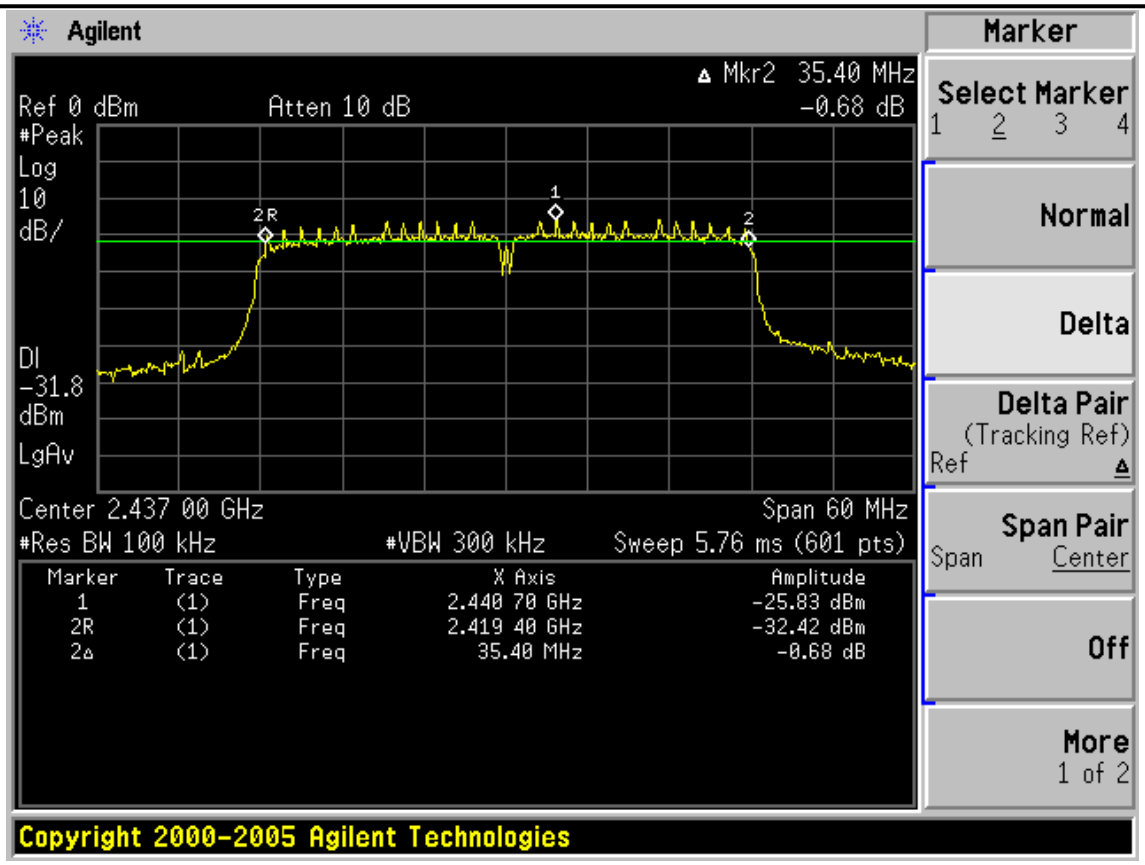


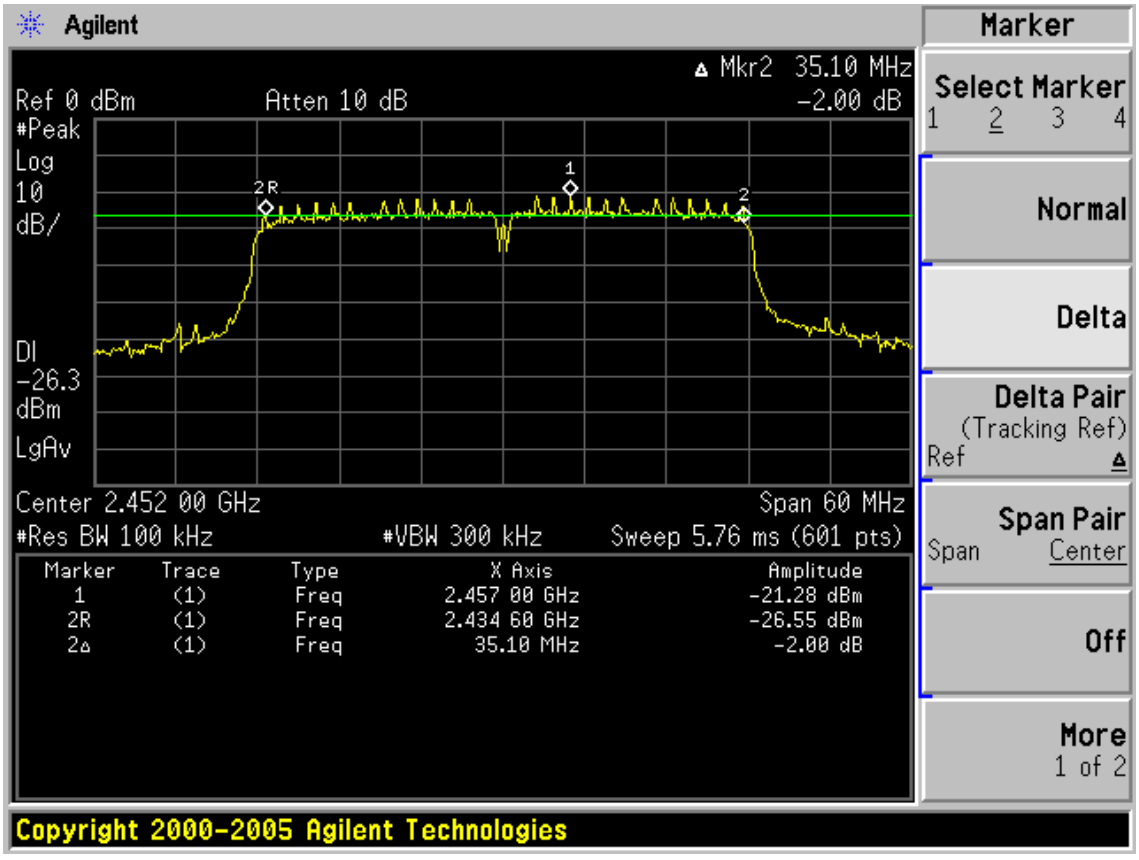




Test Mode: IEEE 802.11n HT40 TX




Agilent
Marker
Mkr2 35.40 MHz
Ref 0 dBm
Atten 10 dB
-0.68 dB
#Peak
Log
10
dB/
Dl
-31.8
dBm
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Center 2.437 00 GHz
Span 60 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 70 GHz -25.83 dBm
2R (1) Freq 2.419 40 GHz -32.42 dBm
2Δ (1) Freq 35.40 MHz -0.68 dB
Copyright 2000-2005 Agilent Technologies


Agilent
Marker
Mkr2 35.10 MHz
Ref 0 dBm
Atten 10 dB
-2.00 dB
#Peak
Log
10
dB/
Dl
-26.3
dBm
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Center 2.452 00 GHz
Span 60 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.457 00 GHz -21.28 dBm
2R (1) Freq 2.434 60 GHz -26.55 dBm
2Δ (1) Freq 35.10 MHz -2.00 dB
Copyright 2000-2005 Agilent Technologies

8. OUTPUT POWER TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Power meter	Anritsu	ML2487A	6K00002472	Oct.20.09	1Year
2	Power sensor	Anritsu	MA2491A	0033005	Oct.20.09	1Year
3.	Attenuator	Agilent	8491B	MY39262165	May.08,10	1 Year
4.	RF Cable	Hubersuhner	SUCOFLEX 102	28618/2	May.08,10	1Year
5.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08,10	1 Year

8.2. Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, The Peak out put Power shall not exceed 1W(30dBm)

8.3. Test Procedure

1, Connected the EUT's antenna port to measure device by 20dB attenuator.

2, For IEEE 802.11b/g and IEEE802.11n HT20 mode, use a PK power meter which's bandwidth is above 6dB bandwidth of signal to measure out each test modes' PK output power.

3, For IEEE802.11n HT40 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So the channel power measure function of Spectrum Analyzer was used to measure out the PK output power of each test modes'

4，For IEEE802.11n mode, it's MIMO technology, so account total PK output power by add each chain's PK output power.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

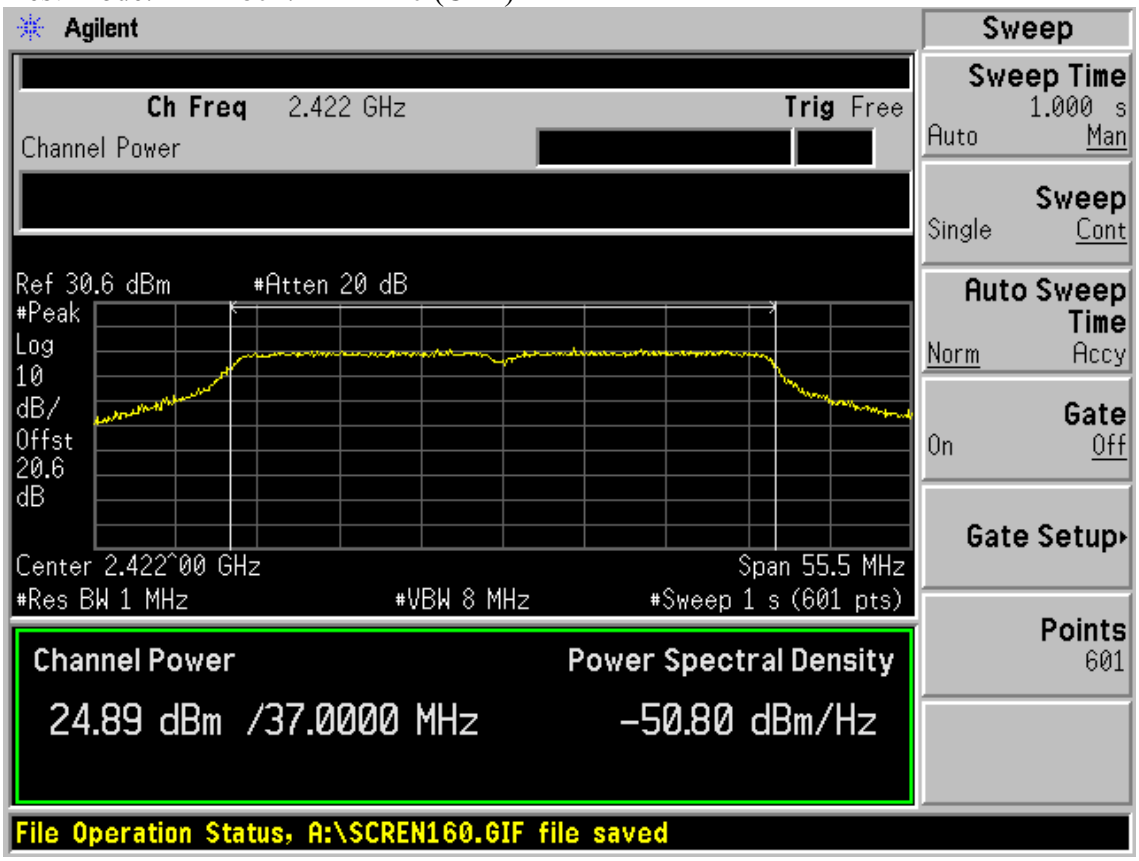
8.4.Test Results

EUT: iomega SP USB ADAPTOR		
M/N: SPADPT08		
Test date: 2010/09/10	Pressure:100.6 kpa	Humidity:60%
Tested by:Sunny-lu	Test site: RF site	Temperature:25℃

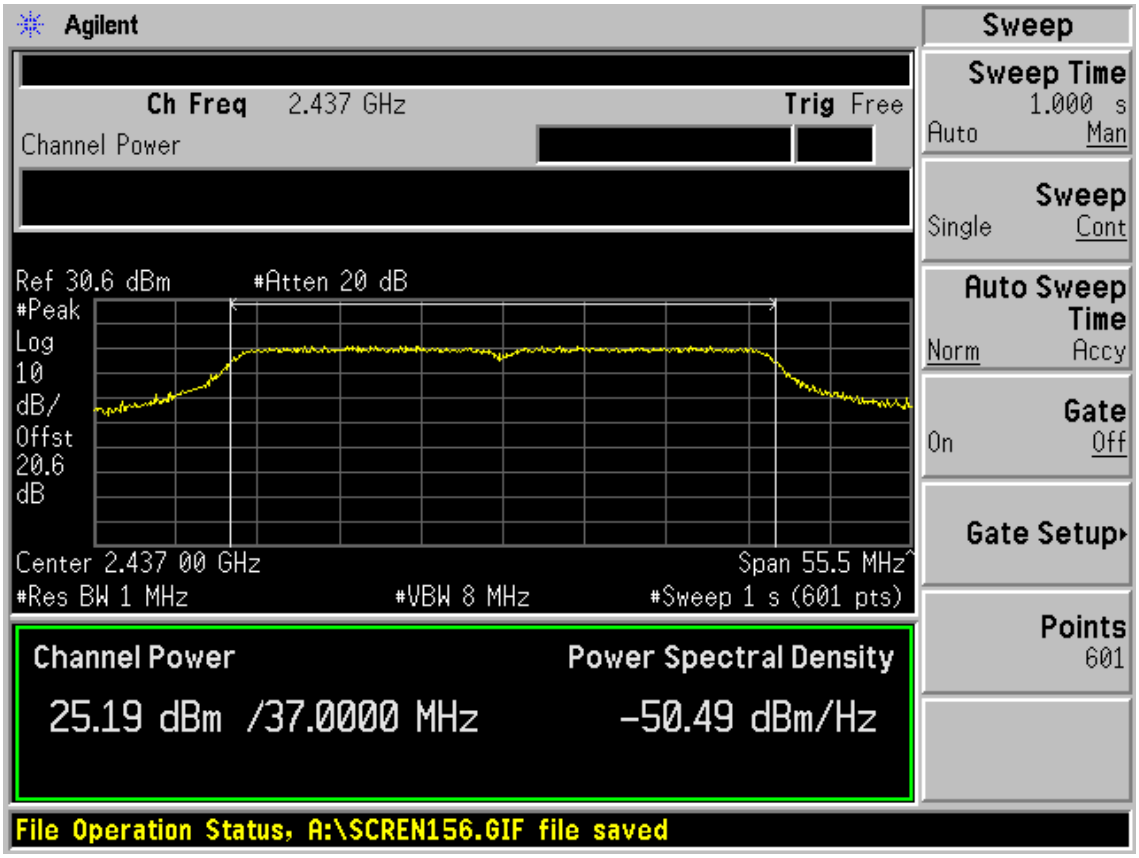
Cable loss: 0.6 dB		Attenuator loss: 20 dB		Antenna Gain: 0 dBi	
Mode	CH	Result			Limit
		Chain 0 PK Output power(dBm)	Chain 1 PK Output power(dBm)	Total PK Output power(dBm)	(dBm)
11b	CH1	21.12	N/A	N/A	30
	CH6	20.33	N/A	N/A	30
	CH11	20.09	N/A	N/A	30
11g	CH1	24.13	N/A	N/A	30
	CH6	24.52	N/A	N/A	30
	CH11	24.61	N/A	N/A	30
11n HT20	CH1	25.71	25.10	28.43	30
	CH6	25.45	24.89	28.19	30
	CH11	25.45	25.36	28.42	30
11n HT40	CH1	24.89	24.56	27.74	30
	CH4	25.19	24.61	27.93	30
	CH7	25.71	24.34	28.09	30
Conclusion: PASS					

Chain 1

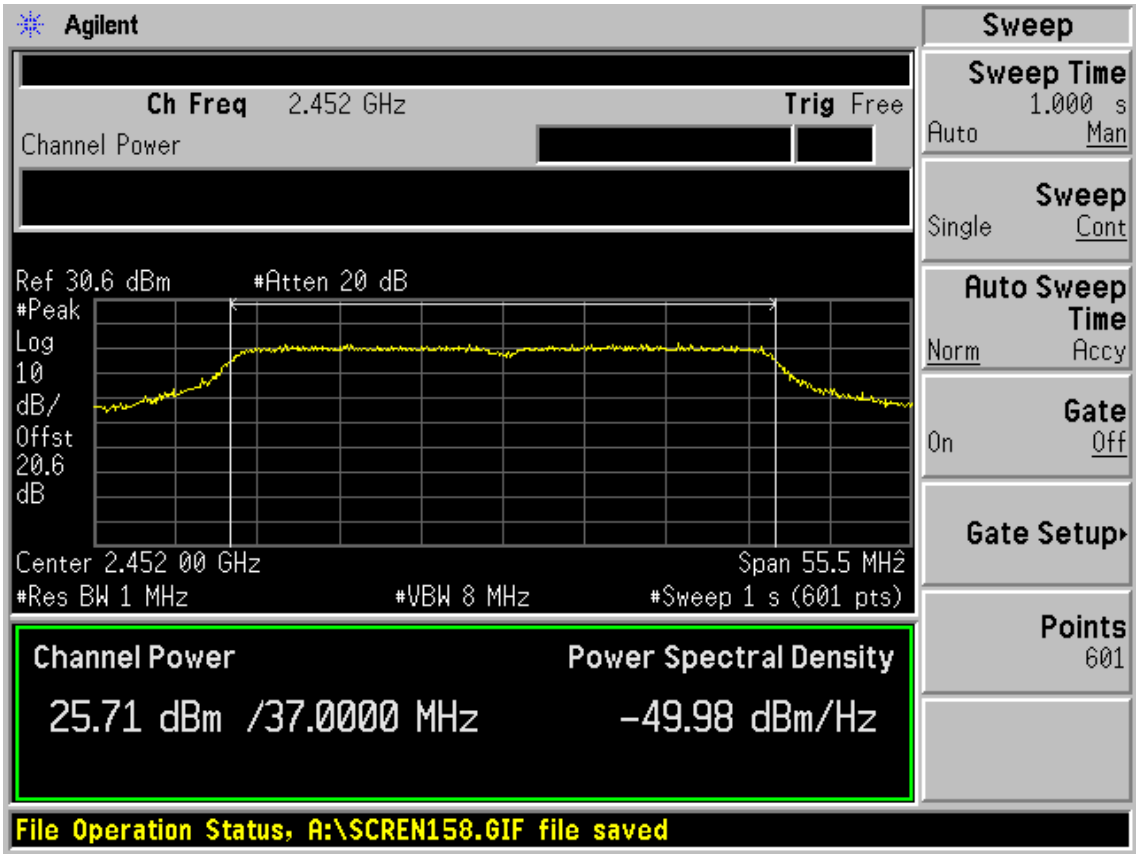
Test Mode: IEEE 802.11n HT40 (CH1)



CH4

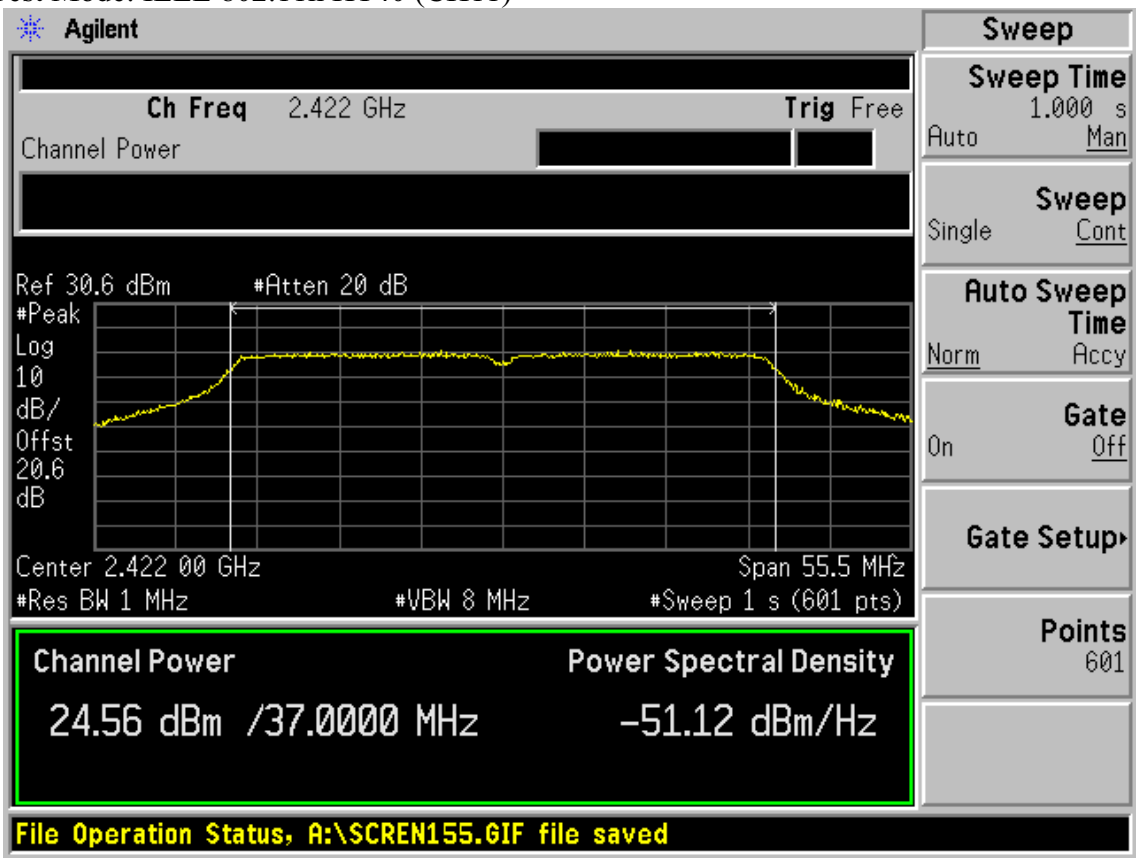


CH7

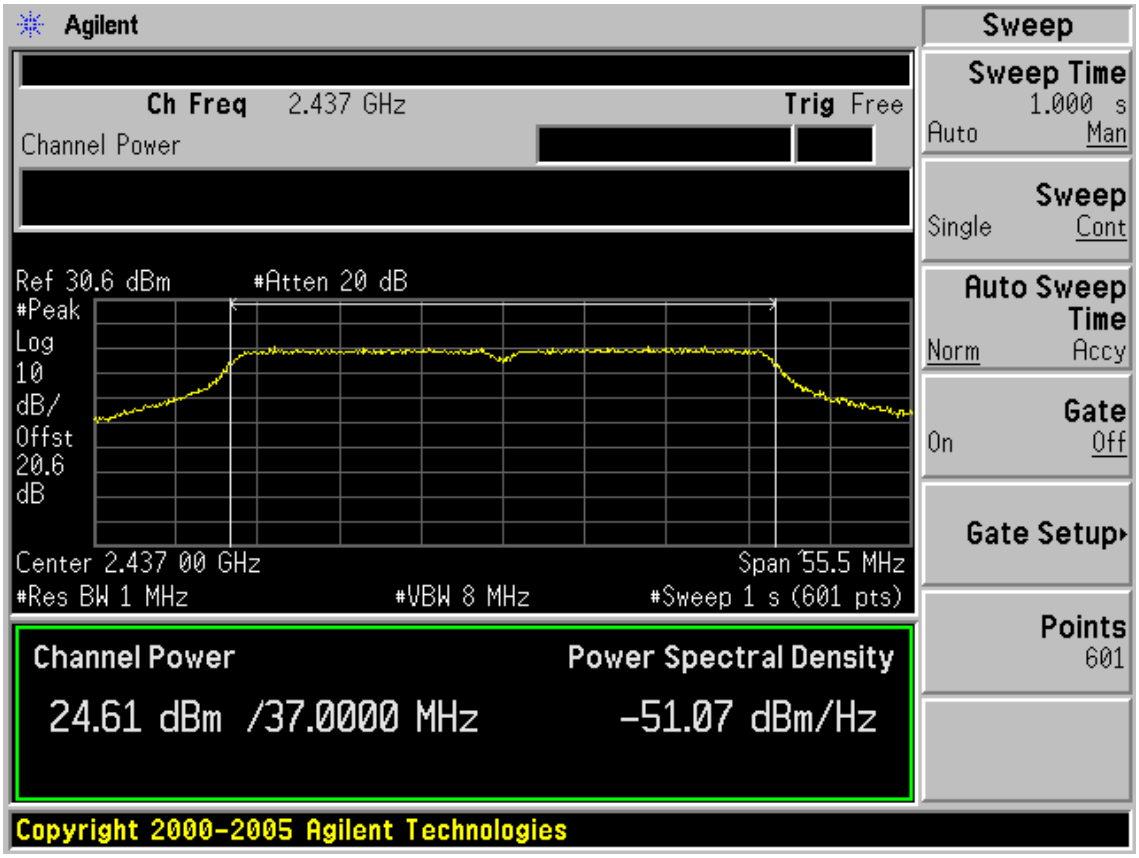


Chain2

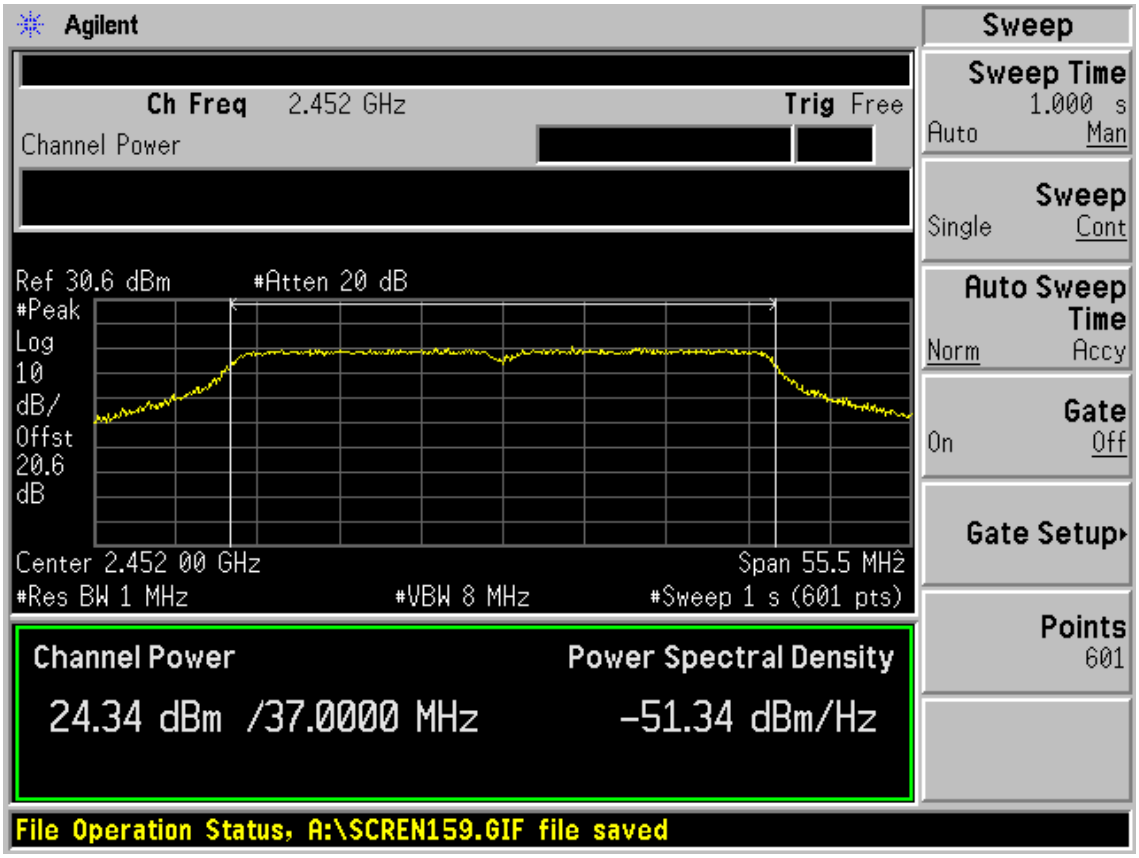
Test Mode: IEEE 802.11n HT40 (CH11)



CH14


Agilent
Sweep
Ch Freq 2.437 GHz
Trig Free
Channel Power
Sweep Time
1.000 s
Auto Man
Sweep
Single Cont
Ref 30.6 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
20.6
dB
Auto Sweep Time
Norm Accy
Gate
On Off
Gate Setup
Center 2.437 00 GHz
Span 55.5 MHz
#Res BW 1 MHz
#VBW 8 MHz
#Sweep 1 s (601 pts)
Points
601
Channel Power
24.61 dBm /37.0000 MHz
Power Spectral Density
-51.07 dBm/Hz
Copyright 2000-2005 Agilent Technologies

CH17


Agilent
Sweep
Ch Freq 2.452 GHz
Trig Free
Channel Power
Sweep Time
1.000 s
Auto Man
Sweep
Single Cont
Ref 30.6 dBm
#Atten 20 dB
#Peak
Log
10
dB/
Offst
20.6
dB
Auto Sweep Time
Norm Accy
Gate
On Off
Gate Setup
Center 2.452 00 GHz
Span 55.5 MHz
#Res BW 1 MHz
#VBW 8 MHz
#Sweep 1 s (601 pts)
Points
601
Channel Power
24.34 dBm /37.0000 MHz
Power Spectral Density
-51.34 dBm/Hz
File Operation Status, A:\SCREN159.GIF file saved

9. POWER SPECTRAL DENSITY TEST

9.1.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	SUCOFLEX102	28618/2	May.08, 10	1Year

9.2. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

9.3. Test Procedure

1, Connected the EUT's antenna port to spectrum analyzer device by 20dB attenuator.

2, Follow the test procedure as described in ANSI C.10: 2009 Clause 6.11.2.3 to measure out each test modes and chain's power density with 3KHz.

3, For IEEE802.11n mode, it's MIMO technology, so account total power density by add each chain's power density.

9.4.Test Results

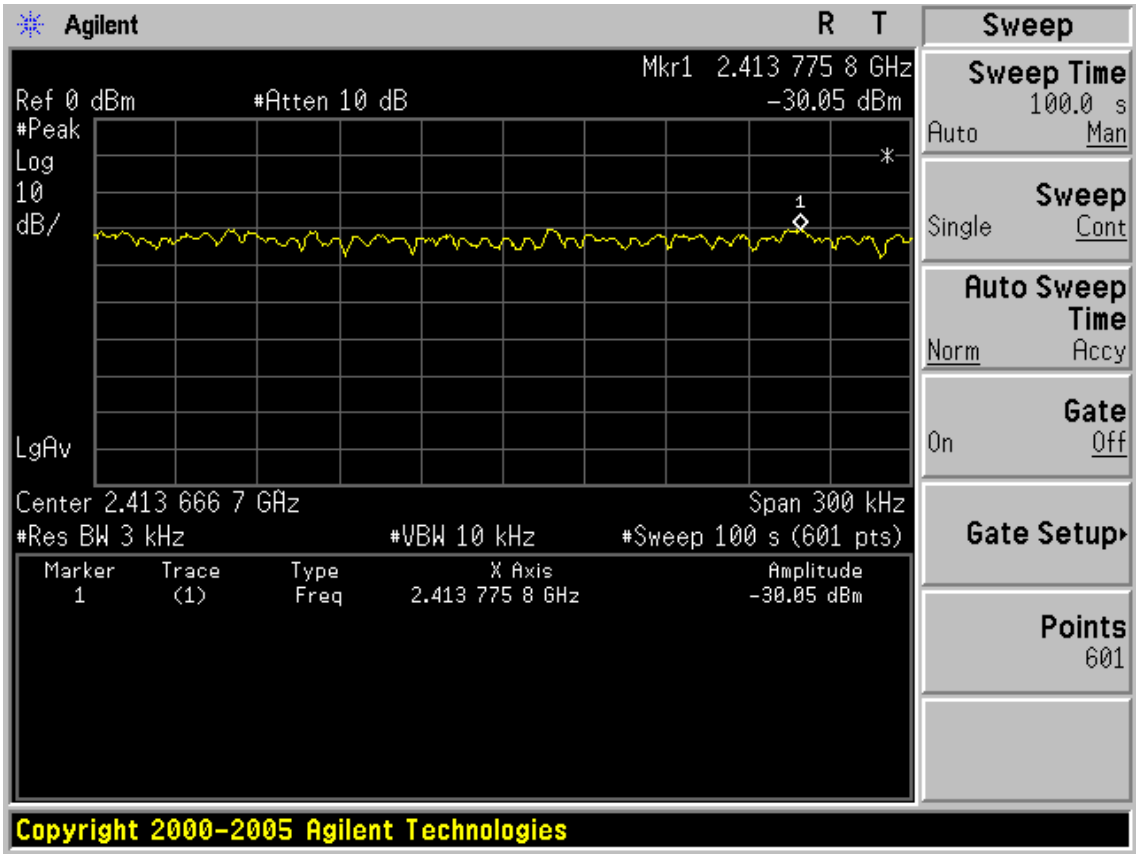
EUT: iomega SP USB ADAPTOR		
M/N: SPADPT08		
Test date: 2010/09/10	Pressure:100.6 kpa	Humidity:60%
Tested by:Sunny-lu	Test site: RF site	Temperature：25℃

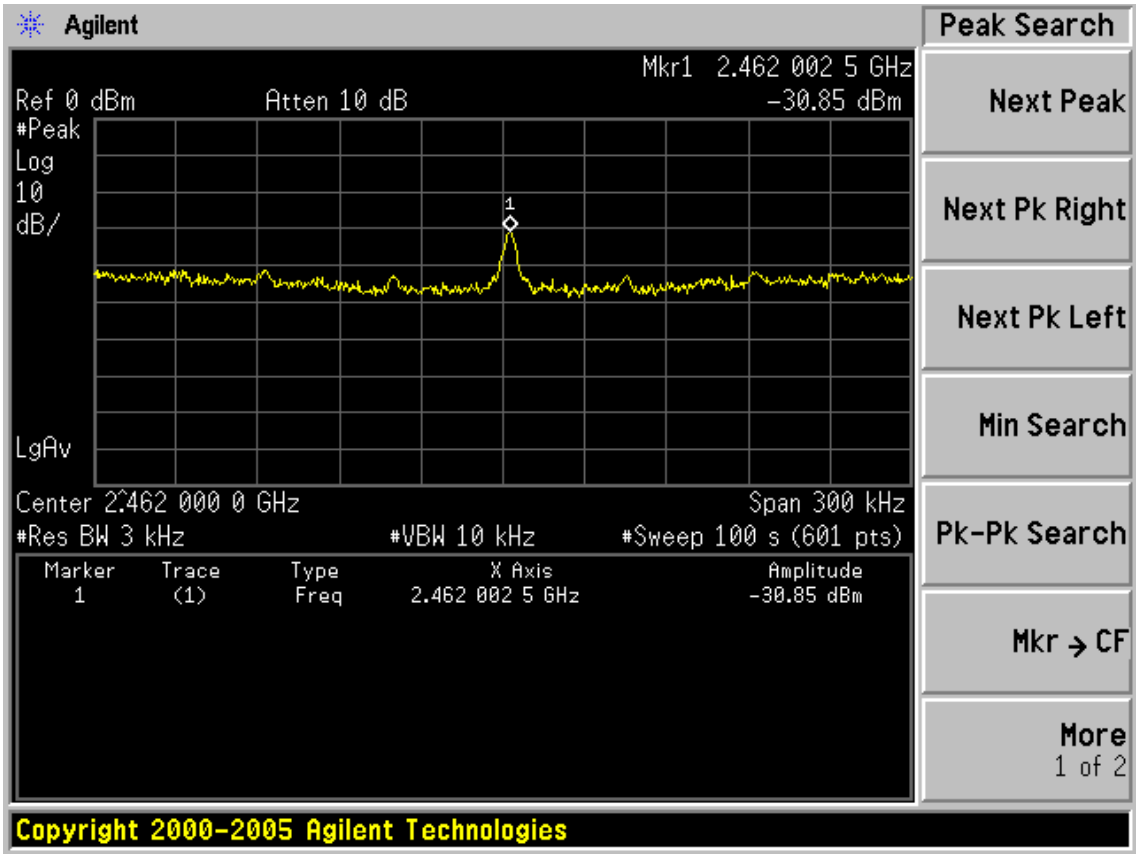
Cable loss:0.6dB		Attenuator loss: 20dB			Antenna Gain: 0dBi		
Mode	CH	Result					Limit
		Chain1 Measured Level (dBm/3KHz)	Chain1 Power density (dBm/3KHz)	Chain2 Measured Level (dBm/3KHz)	Chain2 Power density (dBm/3KHz)	Total Power density (dBm/3KHz)	(dBm/ 3KHz)
11b	CH1	-30.05	-9.45	N/A	N/A	-9.45	8
	CH6	-30.85	-10.25	N/A	N/A	-10.25	8
	CH11	-32.66	-12.06	N/A	N/A	-12.06	8
11g	CH1	-34.81	-14.21	N/A	N/A	-14.21	8
	CH6	-33.69	-13.09	N/A	N/A	-13.09	8
	CH11	-33.12	-12.52	N/A	N/A	-12.52	8
11n HT20	CH1	-36.75	-14.46	-38.01	-17.41	-13.72	8
	CH6	-35.06	-14.57	-37.00	-16.40	-12.31	8
	CH11	-35.17	-17.60	-36.49	-15.89	-12.17	8
11n HT40	CH1	-38.20	-17.33	-39.81	-19.21	-15.32	8
	CH5	-37.93	-16.48	-39.73	-19.13	-15.13	8
	CH9	-37.08	-14.46	-38.80	-18.20	-14.25	8
Conclusion: PASS							
Note: Power density = Measured level + Attenuator loss(20dB) + cable loss(0.6dB)							

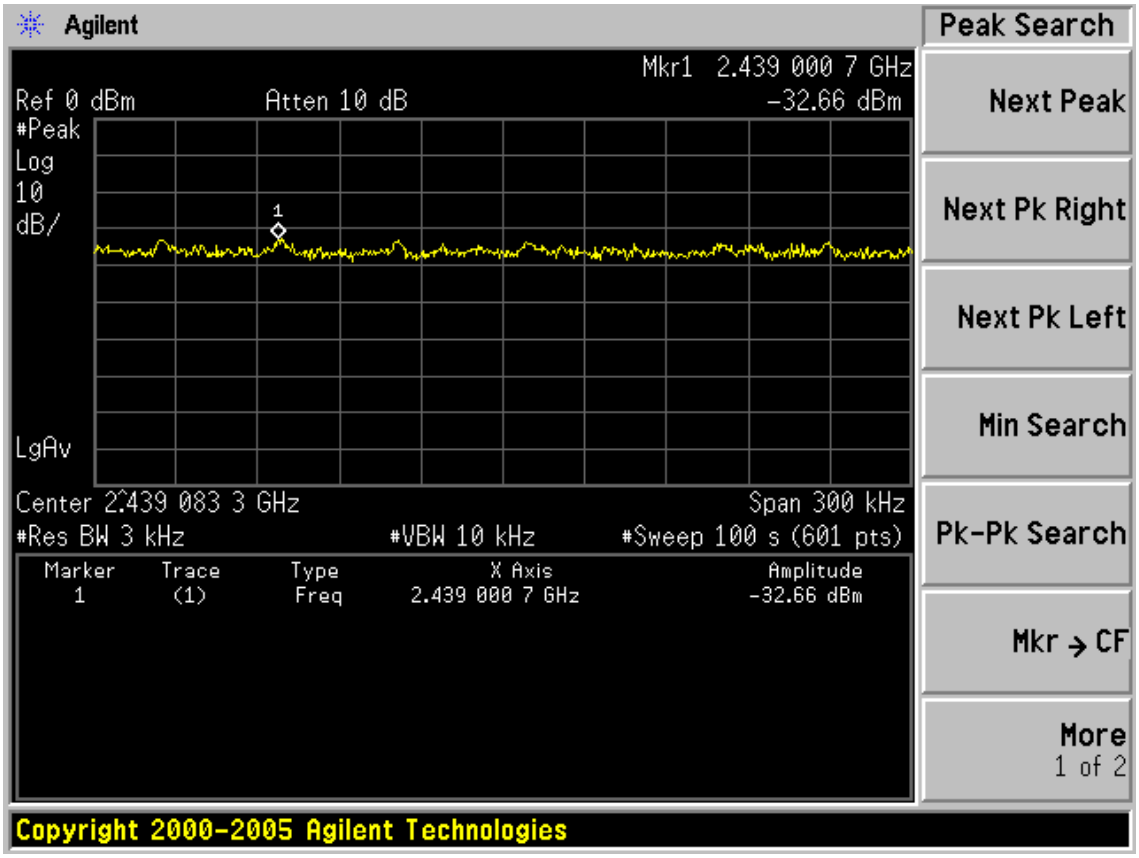
Chain 1:

Test Mode: IEEE 802.11b TX

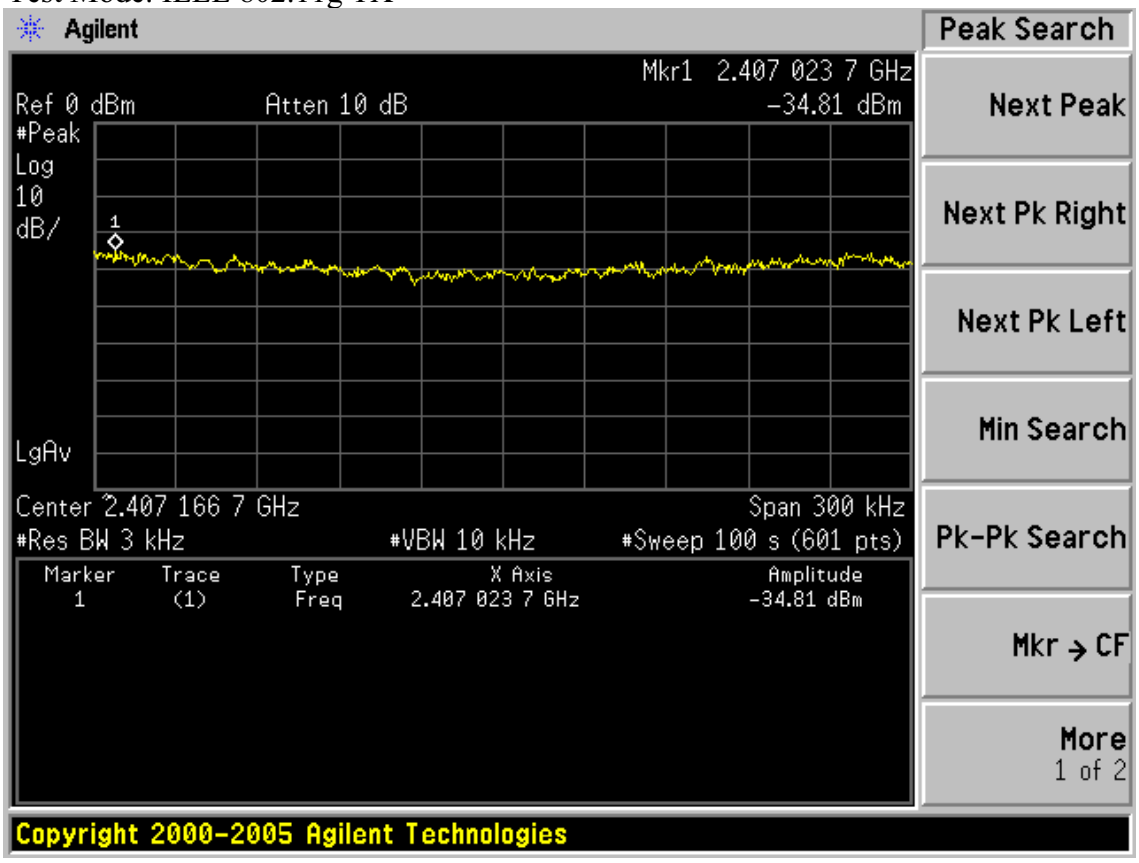
Test CH1: 2412MHz

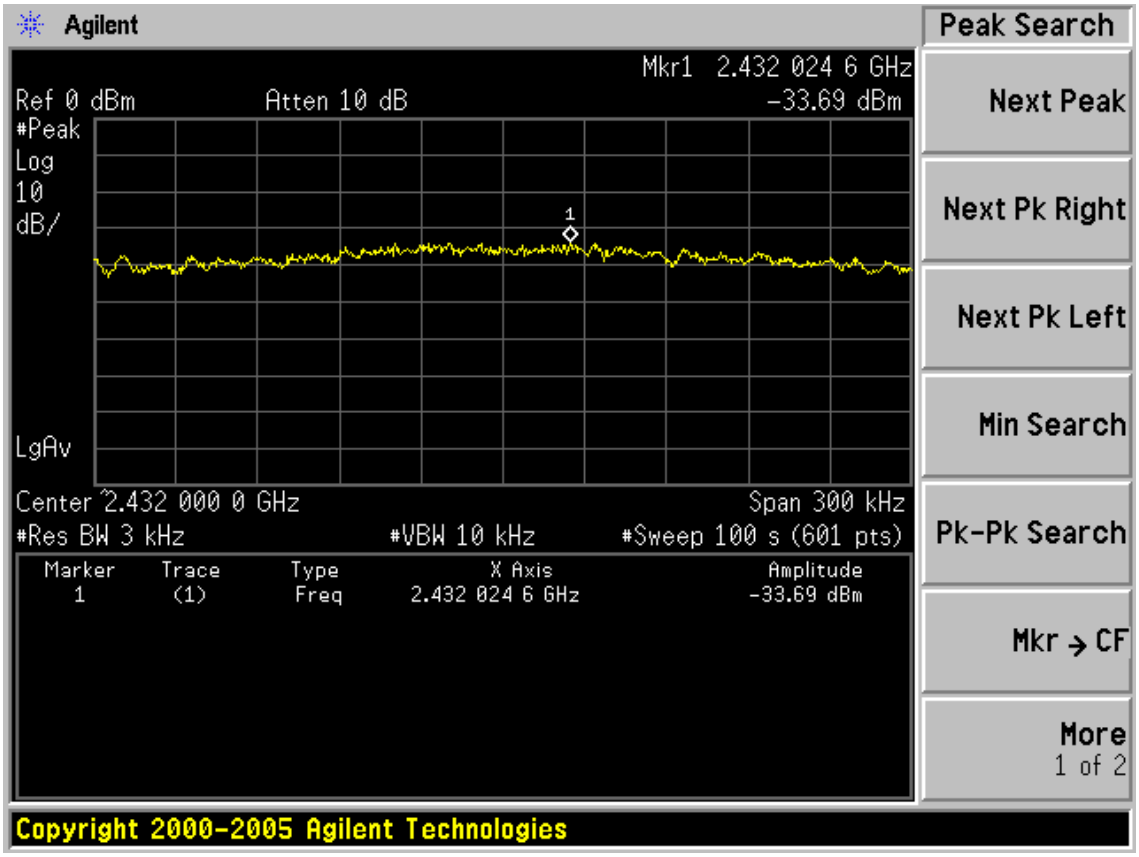


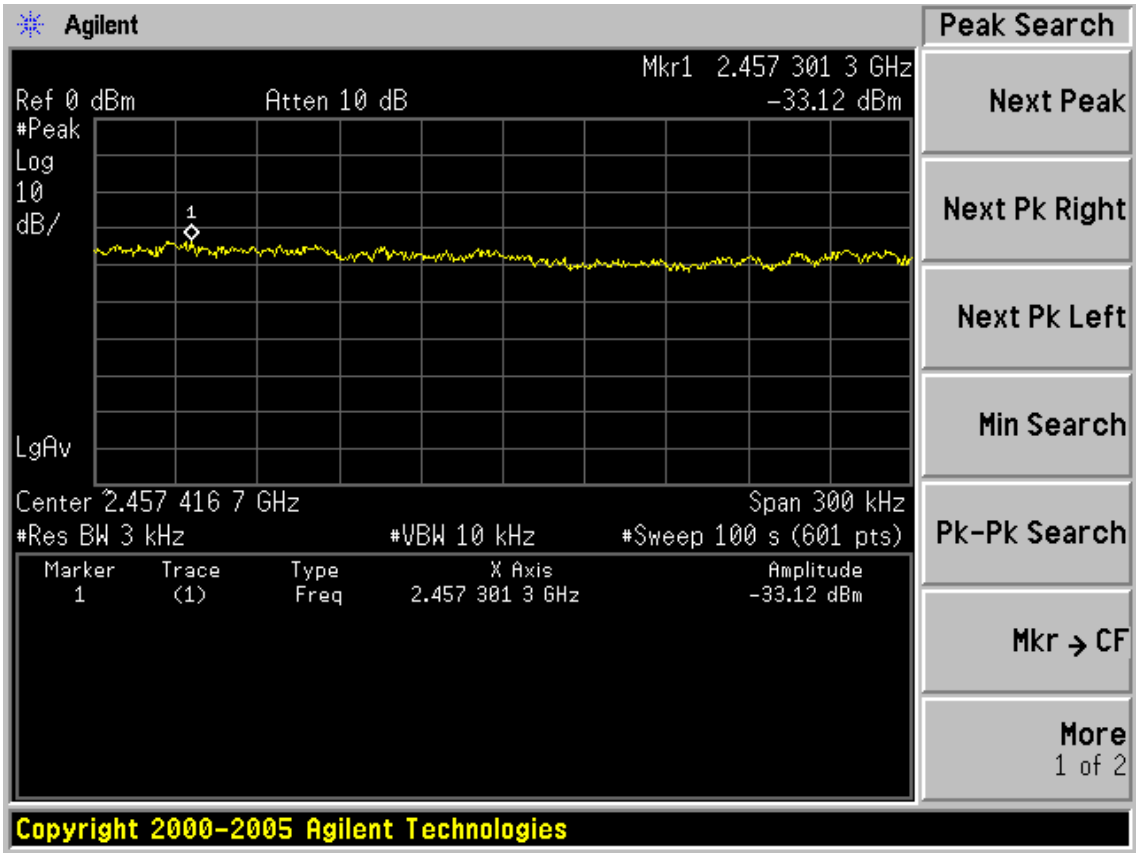




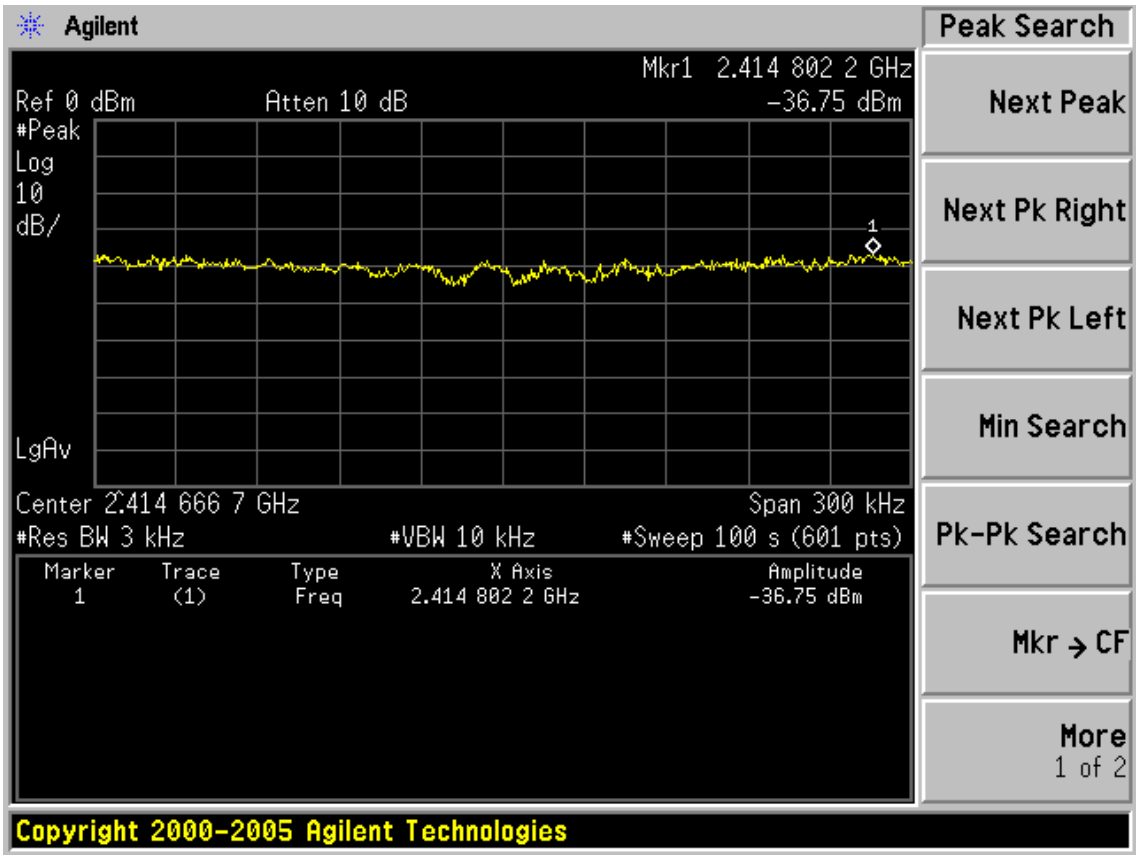
Test Mode: IEEE 802.11g TX

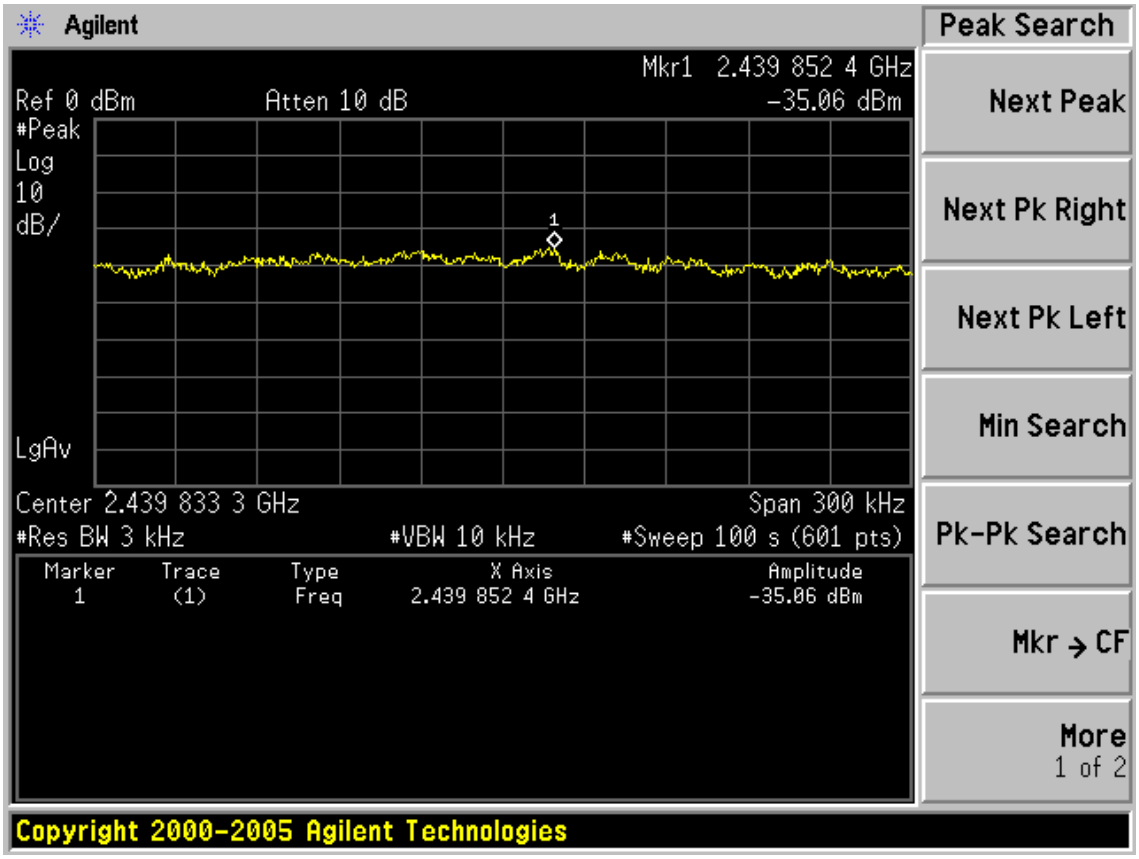


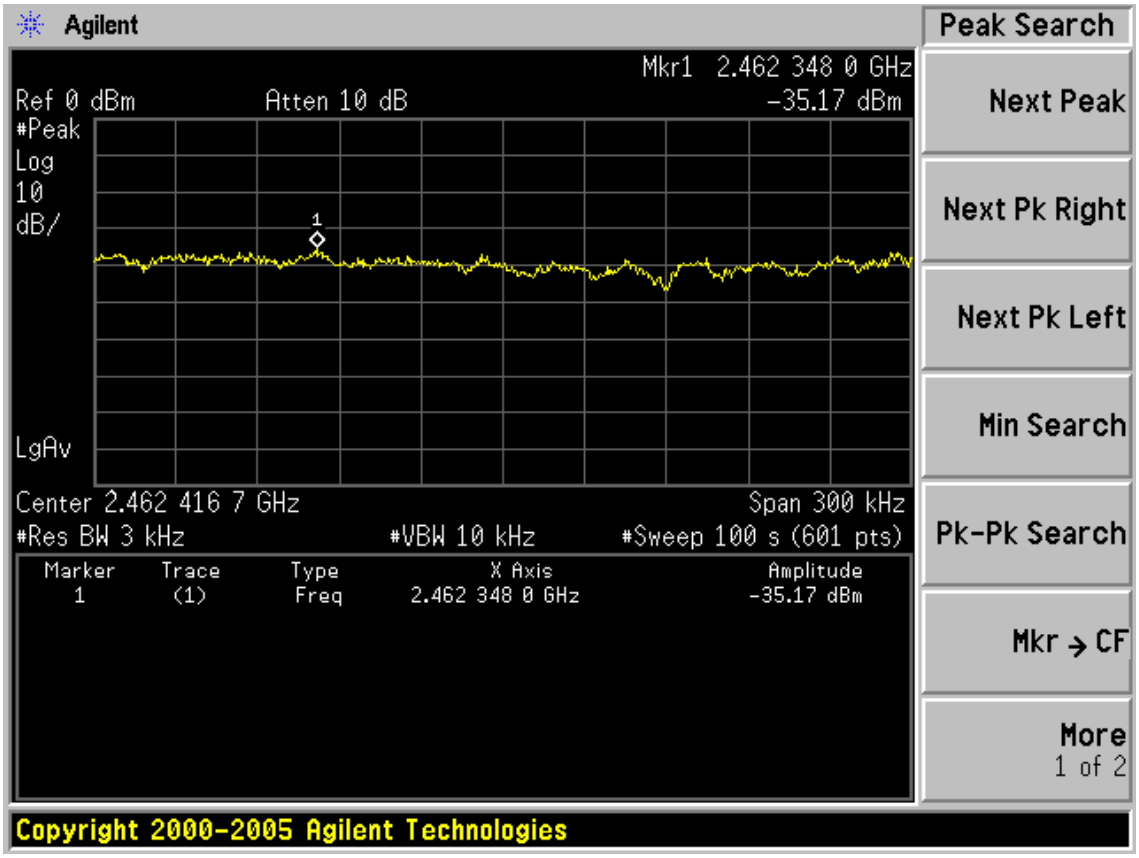

Agilent
Peak Search
Mkr1 2.432 024 6 GHz
Ref 0 dBm
Atten 10 dB
-33.69 dBm
#Peak
Log
10
dB/
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Center 2.432 000 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.432 024 6 GHz -33.69 dBm
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.457 301 3 GHz
Ref 0 dBm
Atten 10 dB
-33.12 dBm
#Peak
Log
10
dB/
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Center 2.457 416 7 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.457 301 3 GHz -33.12 dBm
Copyright 2000-2005 Agilent Technologies

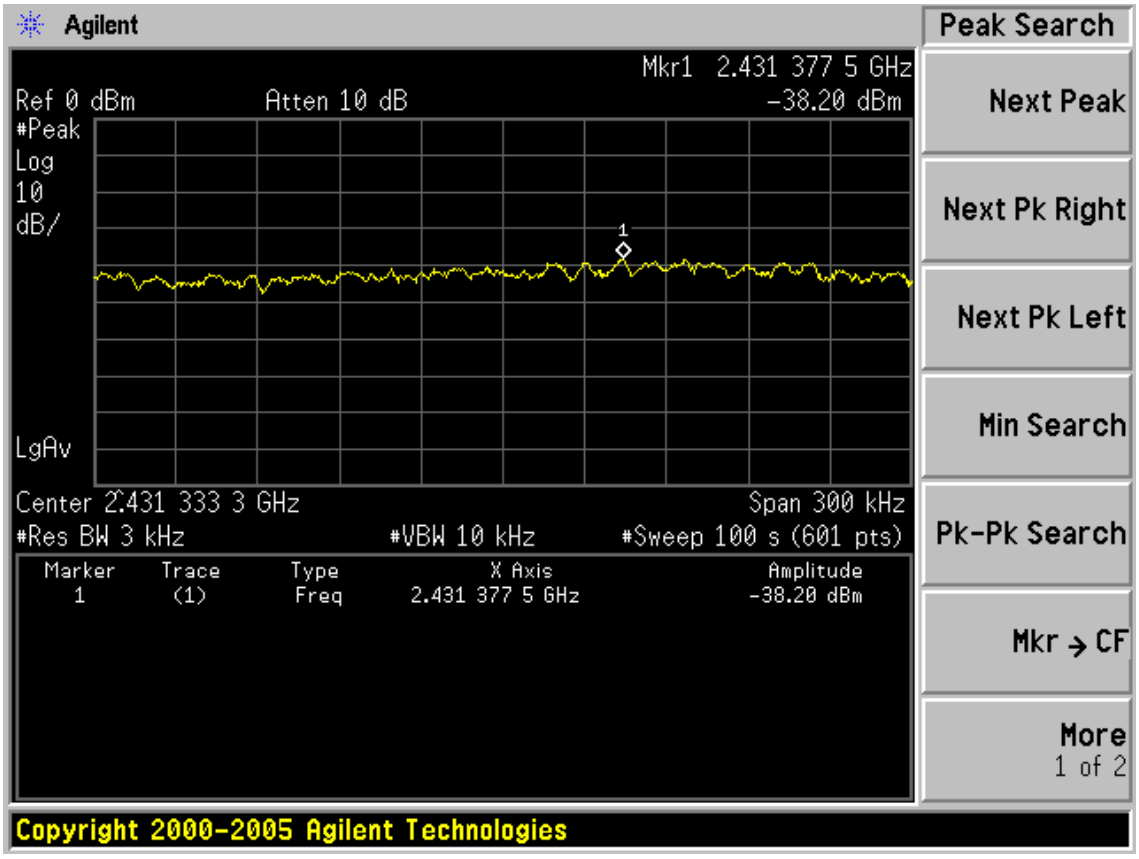
Test Mode: IEEE 802.11n HT20 TX

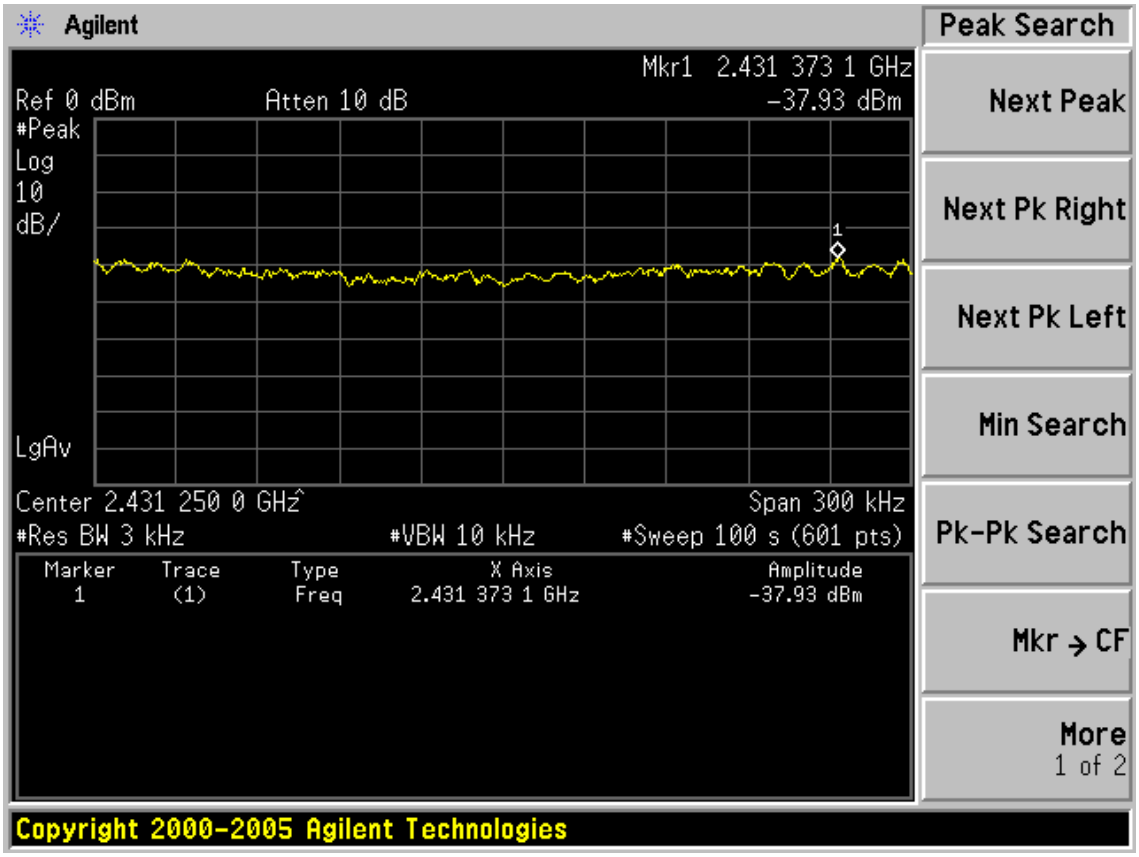


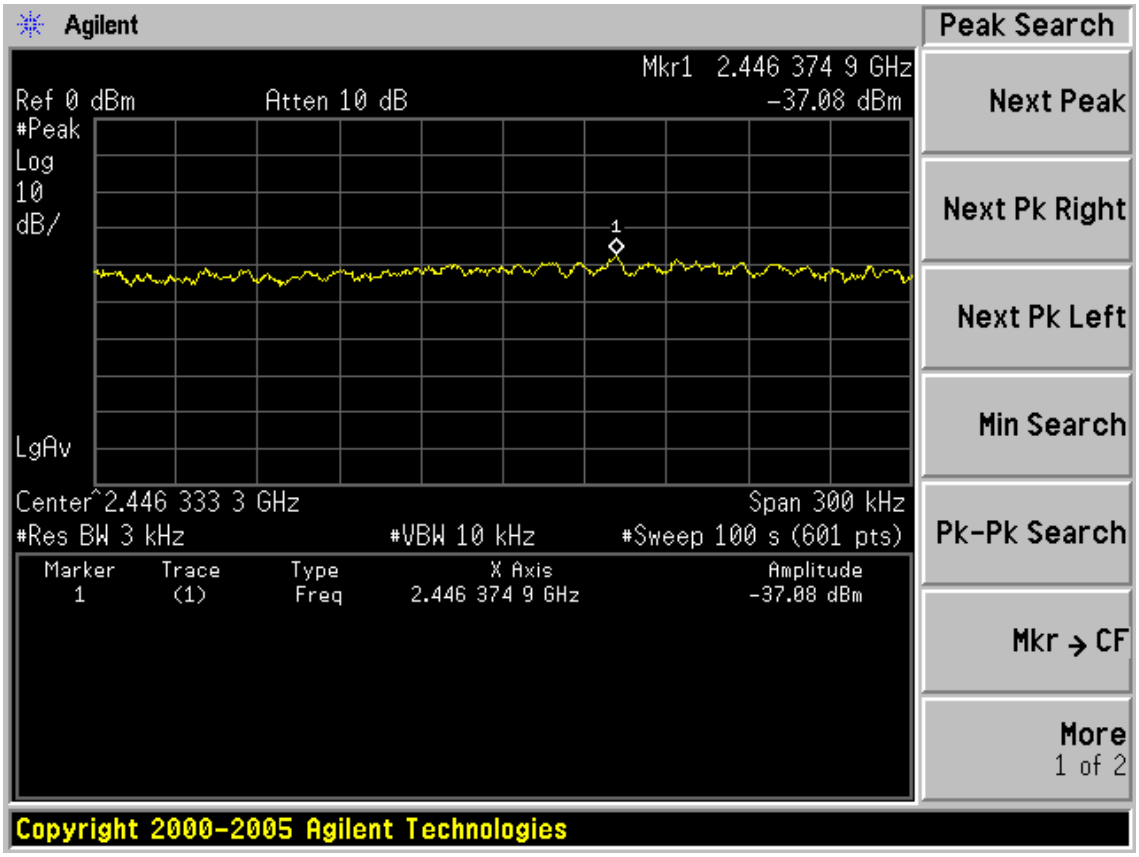




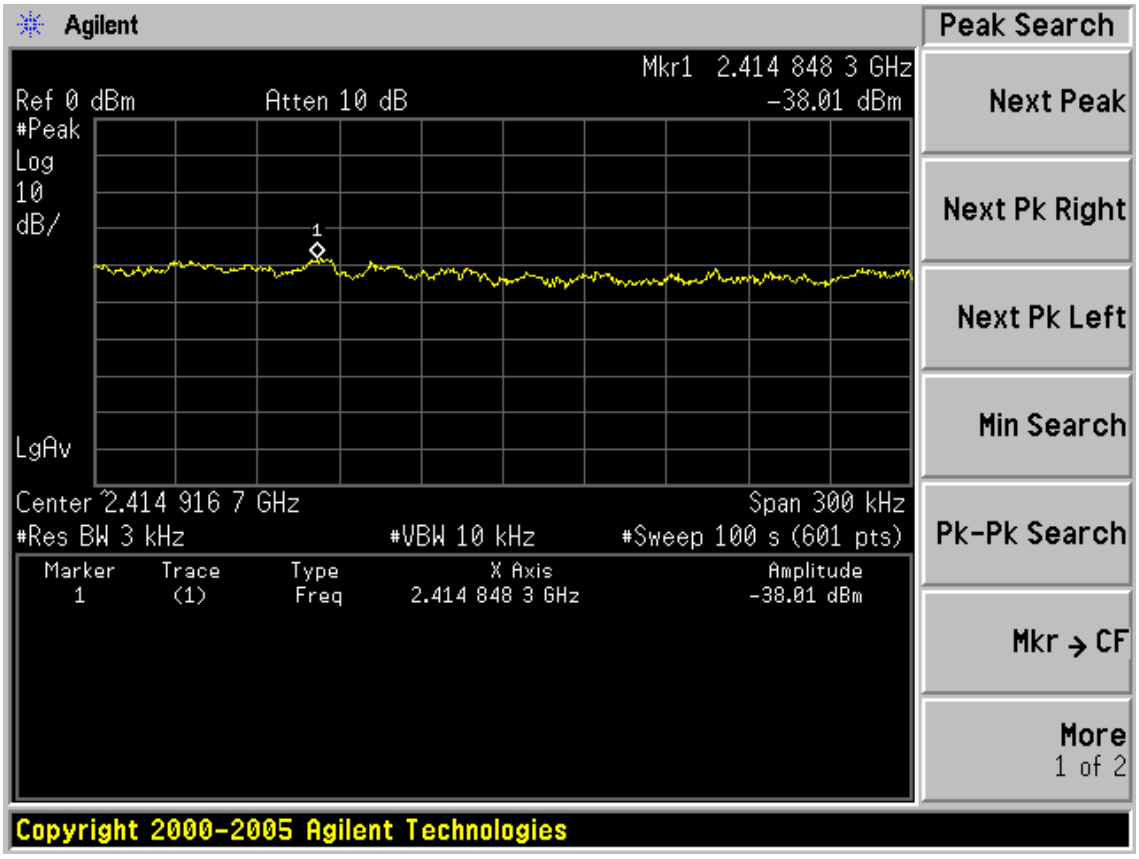
Test Mode: IEEE 802.11n HT40 TX

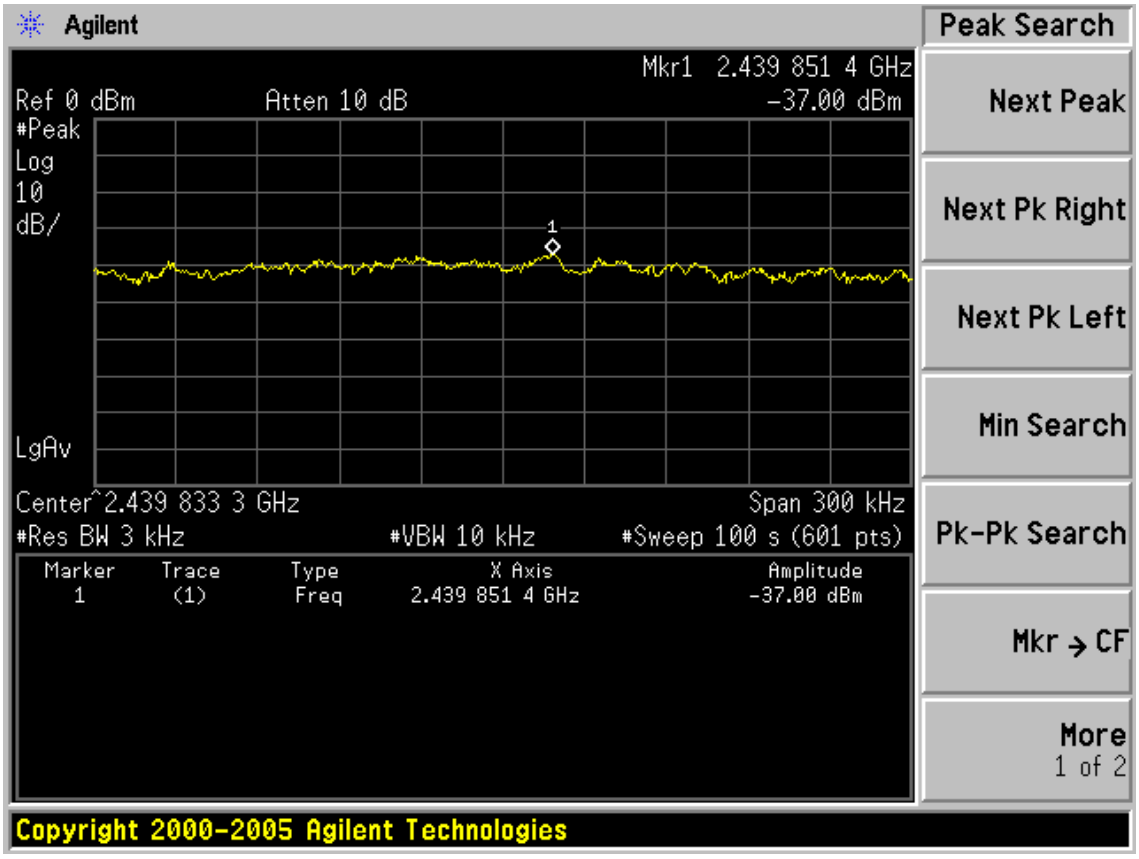


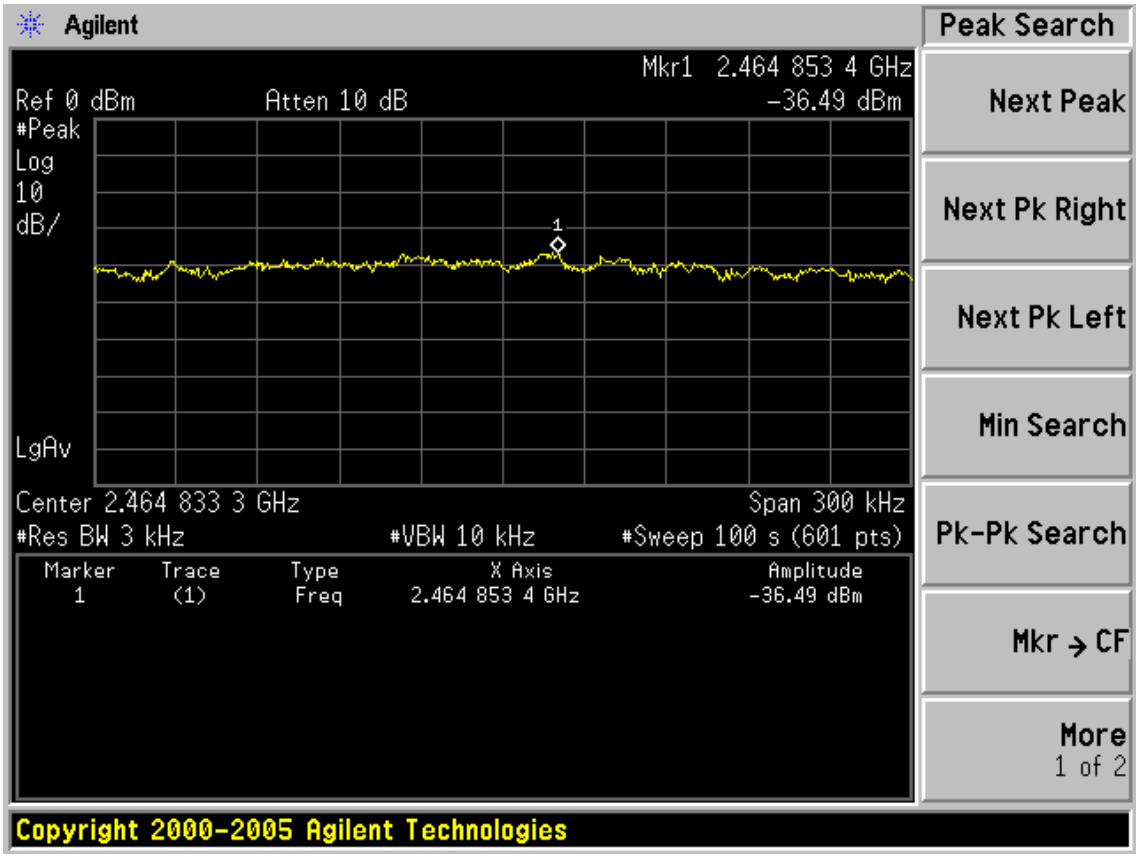

Agilent
Peak Search
Mkr1 2.431 373 1 GHz
Ref 0 dBm
Atten 10 dB
-37.93 dBm
#Peak
Log
10
dB/
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Center 2.431 250 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.431 373 1 GHz -37.93 dBm
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.446 374 9 GHz
Ref 0 dBm
Atten 10 dB
-37.08 dBm
#Peak
Log
10
dB/
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Center 2.446 333 3 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.446 374 9 GHz -37.08 dBm
Copyright 2000-2005 Agilent Technologies

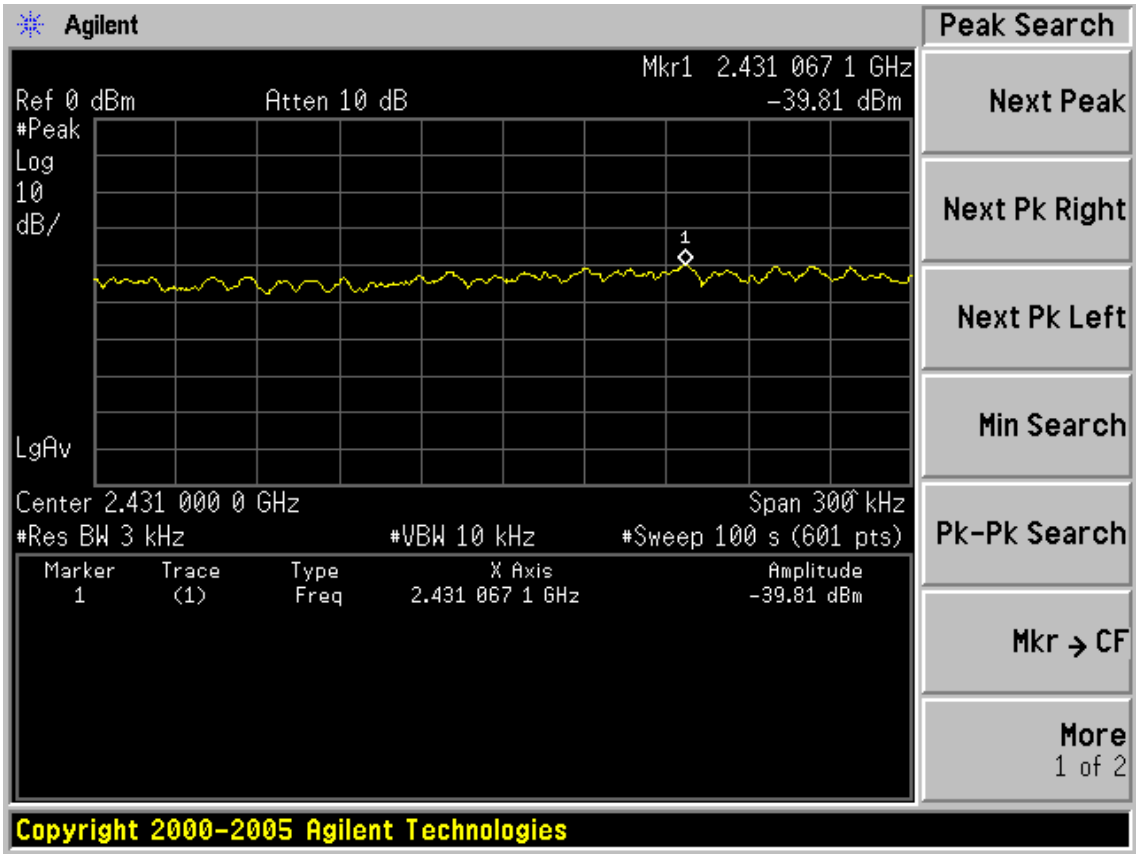
Chain 2:
Test Mode: IEEE 802.11n HT20 TX

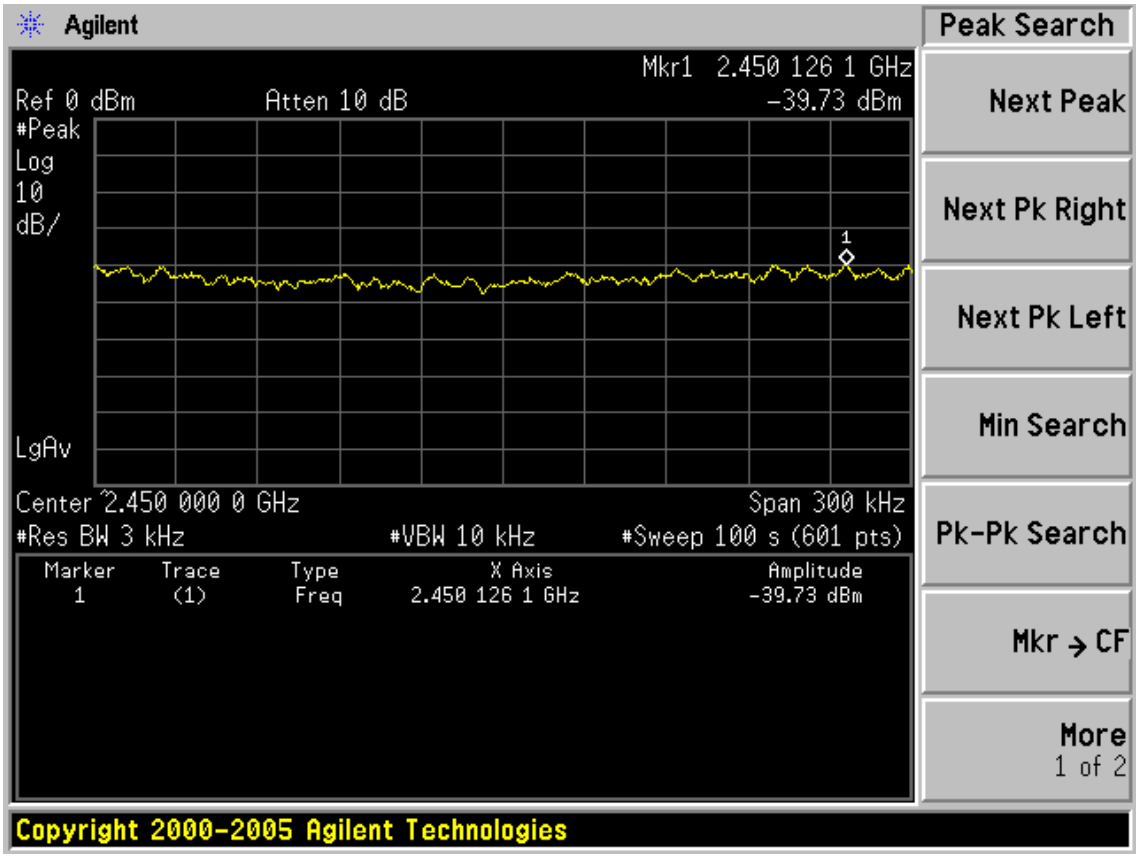


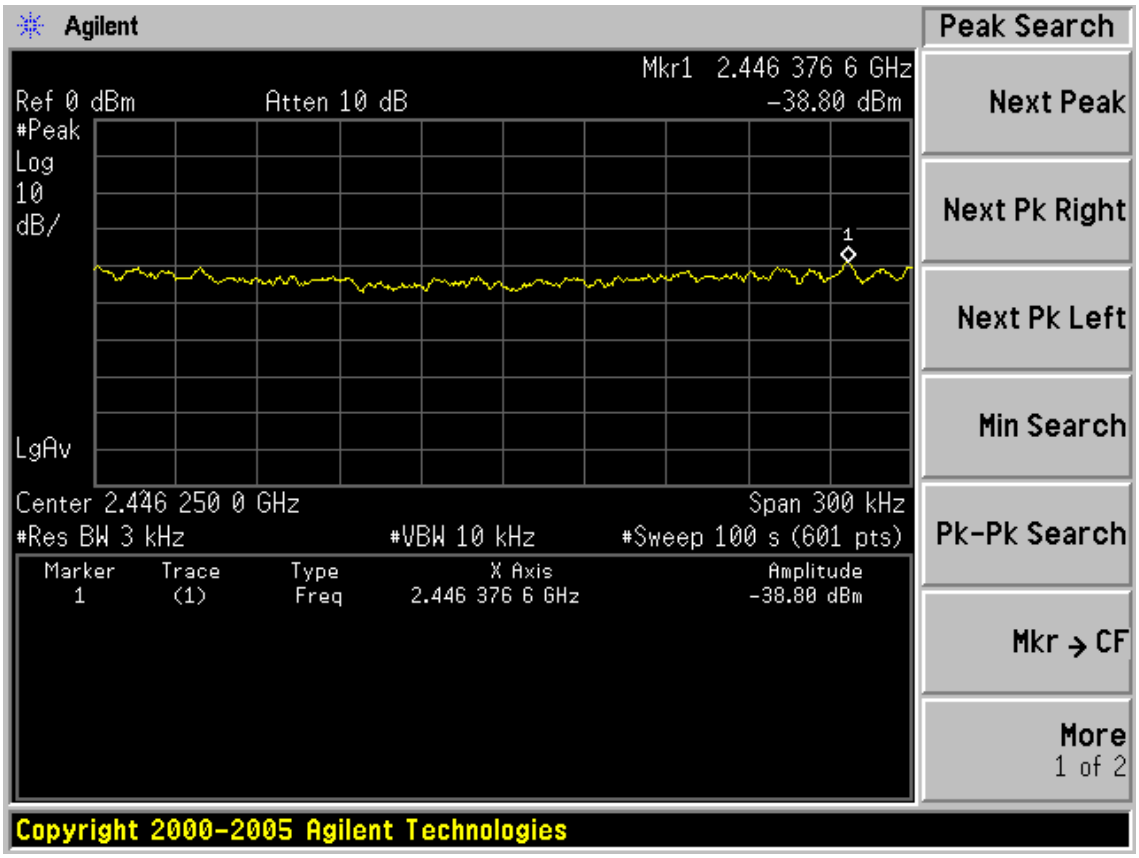




Test Mode: IEEE 802.11n HT40 TX




Agilent
Peak Search
Mkr1 2.450 126 1 GHz
Ref 0 dBm
Atten 10 dB
-39.73 dBm
#Peak
Log
10
dB/
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Center 2.450 000 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.450 126 1 GHz -39.73 dBm
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.446 376 6 GHz
Ref 0 dBm
Atten 10 dB
-38.80 dBm
#Peak
Log
10
dB/
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Center 2.446 250 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.446 376 6 GHz -38.80 dBm
Copyright 2000-2005 Agilent Technologies

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

The antennas used for this product are integral PCB MIMO 2x2 Antennas and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi.

11. DEVIATION TO TEST SPECIFICATIONS

[NONE]