FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

NEXXT SOLUTIONS LLC

2.4GHz High Power Wireless Outdoor Access Point

Model No.: AELPLDR4U1

FCC ID: X4Y350U1

Prepared for : NEXXT SOLUTIONS LLC
454 Holiday Drive, Hallandale, Florida, 33009 USA

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

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Report Number	:	ACS-F13047
Date of Test	:	Feb.20~25, 2013
Date of Report	:	Mar.06, 2012

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TEST REPORT CERTIFICATION

Applicant	:	NEXXT SOLUTIONS LLC
Manufacturer	:	NEXXT SOLUTIONS LLC
EUT Description	:	2.4GHz High Power Wireless Outdoor Access Point
FCC ID	:	X4Y350U1

(A) MODEL NO. : AELPLDR4U1
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : DC 12V From Adapter
(D) TEST VOLTAGE : DC 12V From Adapter Input AC 120V/60Hz

Tested for comply with:
FCC Rules and Regulations Part 15 Subpart C: 2011

Test procedure used:
ANSI C63.10:2009

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to confirm comply with all the FCC Part 15 Subpart C requirements. The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

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

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

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test : Feb.20~25, 2013 Report of date: Mar.06, 2013

Prepared by : June Shao
June Shao/Assistant

Reviewed by :
Sunny Lu / Assistant Manager

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 3/6 13'

Approved & Authorized Signer :
Ken Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

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

EMISSION		
Description of Test Item	**Standard**	**Results**
Power Line Conducted Emission	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	:	2.4GHz High Power Wireless Outdoor Access Point
Model Number	:	AELPLDR4U1
FCC ID	:	X4Y350U1
Operation Frequency	:	IEEE 802.11b/g: 2412MHz---2462MHz
Channel Number	:	IEEE 802.11b/g: 11Channels
Modulation Technology	:	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK)
Antenna Assembly Gain	:	Internal integrated patch antenna, 12dBi External antenna, 9dBi
Applicant	:	NEXXT SOLUTIONS LLC 454 Holiday Drive, Hallandale, Florida, 33009 USA
Manufacturer	:	NEXXT SOLUTIONS LLC 454 Holiday Drive, Hallandale, Florida, 33009 USA
Power Adapter	:	Manufacturer: LEADER ELECTRONICS INC. M/N: MU12-S120100-A1 Cable: Unshielded, Undetachable, 1.5m
Date of Test	:	Feb.20~25, 2013
Date of Receipt	:	Feb.19, 2013
Sample Type	:	Prototype production

2.2.Test Information

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

Tested mode, channel, and data rate information			
Mode	data rate (Mpbs)(see Note)	Channel	Frequency (MHz)
IEEE 802.11b	11	Low :CH1	2412
	11	Middle: CH6	2437
	11	High: CH11	2462
IEEE 802.11g	12	Low :CH1	2412
	12	Middle: CH6	2437
	12	High: CH11	2462
Note1: According to exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test. Note 2: This device have three types of antenna, external antenna, Internal integrated patch antenna with Horizontal and Vertical polarization. For radiated emissions from 30MHz to 1GHz , according exploratory test when test with external antenna will have worse emissions, so the final test were performed with external antenna, for radiated emissions from 1GHz to 25GHz were performed with each type of antenna, for all other conducted test were performed with each antenna type's connector.			

2.3. Tested Supporting System Details

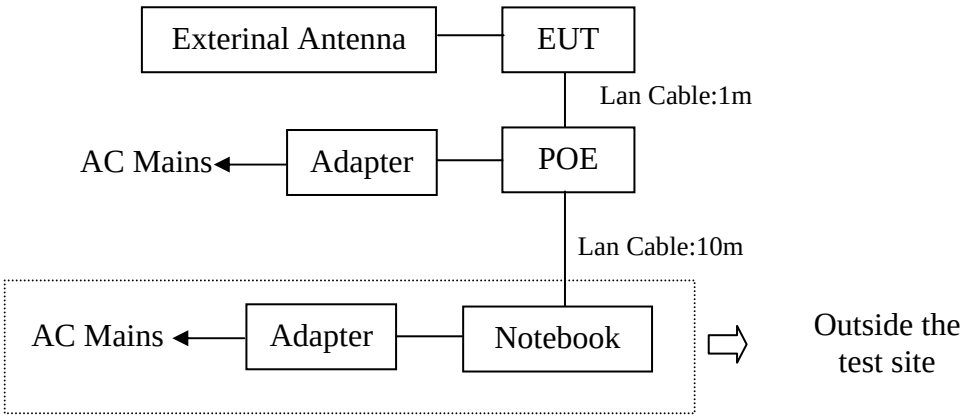
2.3.1. Notebook

M/N	:	PP09S
S/N	:	N/A
Manufacturer	:	DELL
Power Adaptor	:	Manufacturer: DELL, M/N: LA65NS1-00 Cable: Unshielded, Detachabled, 4.0m (Bond one ferrite core)

2.3.2. Cables

LAN Cable #1	:	Unshielded, Detachable 1m
LAN Cable #2	:	Unshielded, Detachable 10m

2.4. Block Diagram of Test Setup



(EUT: 2.4GHz High Power Wireless Outdoor Access Point)

2.5. Test Facility

Site Description

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

3m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 90454
Valid Date: Feb.22, 2015

3m & 10m Anechoic Chamber : Certificated by FCC, USA
Registration Number: 794232
Valid Date: Oct.31, 2015

EMC Lab. : Certificated by Industry Canada
Registration Number: IC 5183A-1
Valid Date: Jun.13, 2014

: Certificated by DAkkS, Germany
Registration No: D-PL-12151-01-01
Valid Date: Feb.01, 2014

Accredited by NVLAP, USA
NVLAP Code: 200372-0
Valid Date: Mar.31, 2013

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

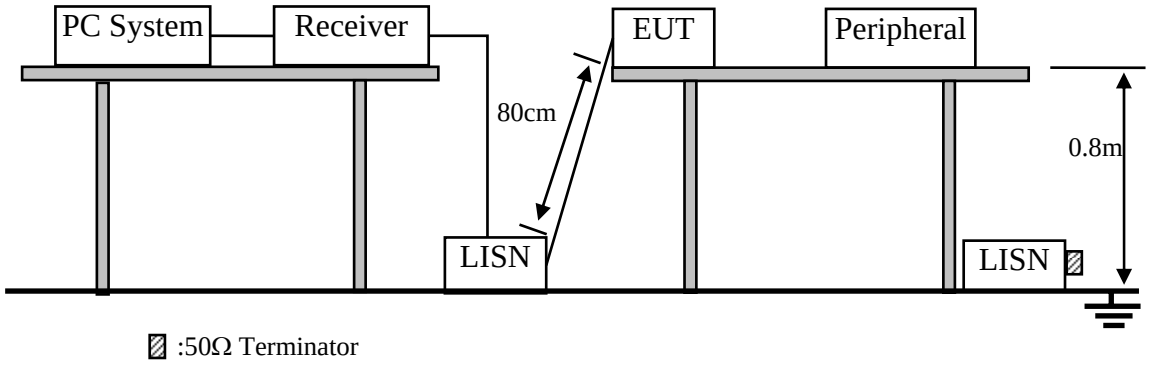
Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	3.6dB(9KHz to 150KHz)
	3.2dB (150KHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	3.6 dB(30~200MHz, Polarize: H)
	3.8 dB(30~200MHz, Polarize: V)
	4.2 dB(200M~1GHz, Polarize: H)
	3.8 dB(200M~1GHz, Polarize: V)
Uncertainty for Radiation Emission test in 3m chamber (1GHz-18GHz)	3.1dB (Distance: 3m Polarize: V)
	3.7 dB (Distance: 3m Polarize: H)
Uncertainty for Radiated Spurious Emission test in RF chamber	3.57 dB
Uncertainty for Conduction Spurious emission test	2.00 dB
Uncertainty for Output power test	0.73 dB
Uncertainty for Power density test	2.00 dB
Uncertainty for Frequency range test	$7x10^{-8}$
Uncertainty for Bandwidth test	83 kHz
Uncertainty for DC power test	0.038 %
Uncertainty for test site temperature and humidity	0.6℃
	3%

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	Oct.31, 12	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	Oct.31, 12	1 Year
3.	L.I.S.N.#3	Kyoritsu	KNW-242C	8-1920-1	May.08, 12	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 1	May.08, 12	1 Year
5.	Terminator	Hubersuhner	50Ω	No. 2	May.08, 12	1 Year
6.	RF Cable	Fujikura	3D-2W	No.1	May.08, 12	1Year
7.	Coaxial Switch	Anritsu	MP59B	M50564	May.08, 12	1 Year
8.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	May.08, 12	1 Year

3.2.Block Diagram of Test Setup



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. 2.4GHz High Power Wireless Outdoor Access Point (EUT)

Model Number : AELPLDR4U1
Serial Number : N/A

3.4.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

3.5. Operating Condition of EUT

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

3.5.2. Turned on the power of all equipment.

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

3.6. Test Procedure

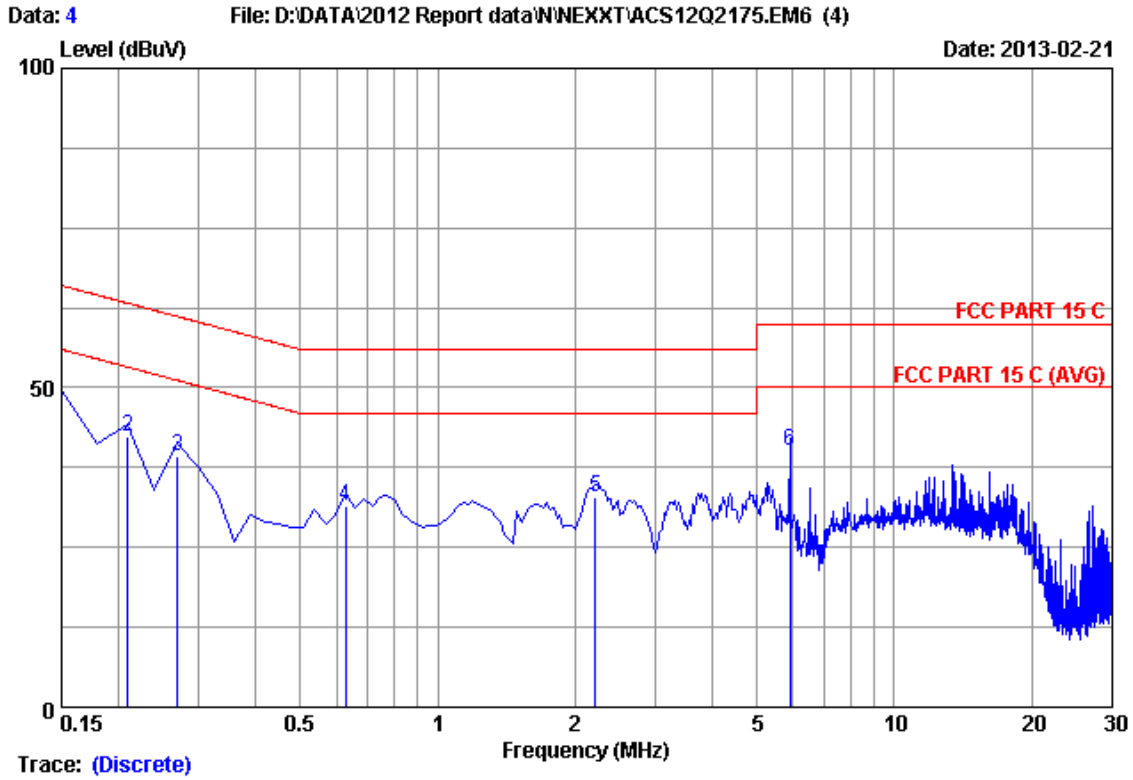
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The 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 9kHz.

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

3.7. Power Line Conducted Emission Test Results

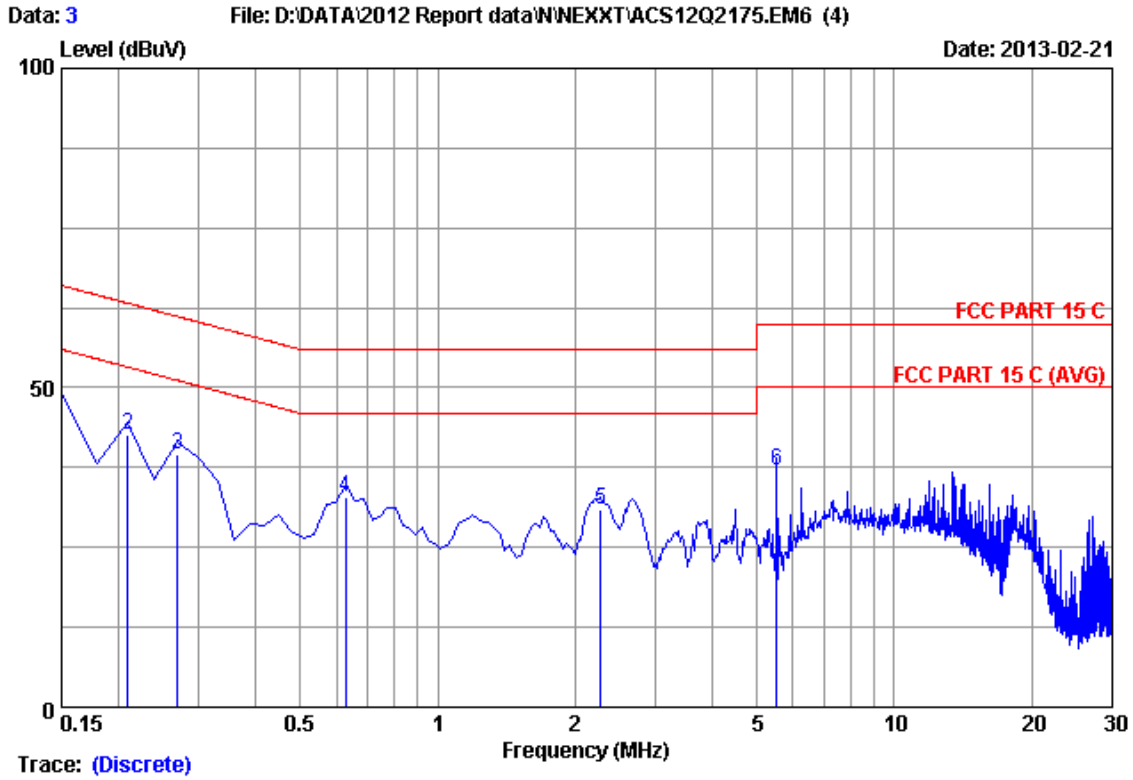
PASS. **(**All emissions not reported below are too low against the prescribed limits.)




```
Site no      :1#conduction                      Data No    :4
Dis./Ant.    :**   2012 ESH2-Z5 LINE
Limit        :FCC PART 15 C
Env./Ins.    :26.2*C/68%                        Engineer   :Leo-Li
EUT          :2.4GHz High Power Wireless Outdoor Access Point
Power Rating :DC 12V From Adapter Input AC 120V/60Hz
Test Mode    :Tx Mode
             :M/N:AELPLDR4U1
```

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.19	0.14	47.33	47.66	66.00	18.34	QP
2	0.20970	0.19	0.15	41.87	42.21	63.22	21.01	QP
3	0.26940	0.19	0.15	38.95	39.29	61.14	21.85	QP
4	0.62760	0.20	0.15	31.18	31.53	56.00	24.47	QP
5	2.210	0.24	0.14	32.45	32.83	56.00	23.17	QP
6	5.911	0.34	0.15	39.49	39.98	60.00	20.02	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.
```




```
Site no       :1#conduction                        Data No    :3
Dis./Ant.     :**   2012 ESH2-Z5 NEUTRAL
Limit         :FCC PART 15 C
Env./Ins.     :26.2*C/68%                          Engineer   :Leo-Li
EUT           :2.4GHz High Power Wireless Outdoor Access Point
Power Rating  :DC 12V From Adapter Input AC 120V/60Hz
Test Mode     :Tx Mode
              :M/N:AELPLDR4U1
```

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	0.21	0.14	46.78	47.13	66.00	18.87	QP
2	0.20970	0.21	0.15	42.34	42.70	63.22	20.52	QP
3	0.26940	0.22	0.15	39.15	39.52	61.14	21.62	QP
4	0.62760	0.24	0.15	32.37	32.76	56.00	23.24	QP
5	2.269	0.29	0.14	30.46	30.89	56.00	25.11	QP
6	5.523	0.36	0.15	36.55	37.06	60.00	22.94	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

4.1.1. For frequency range 30MHz~1000MHz (At Anechoic Chamber)

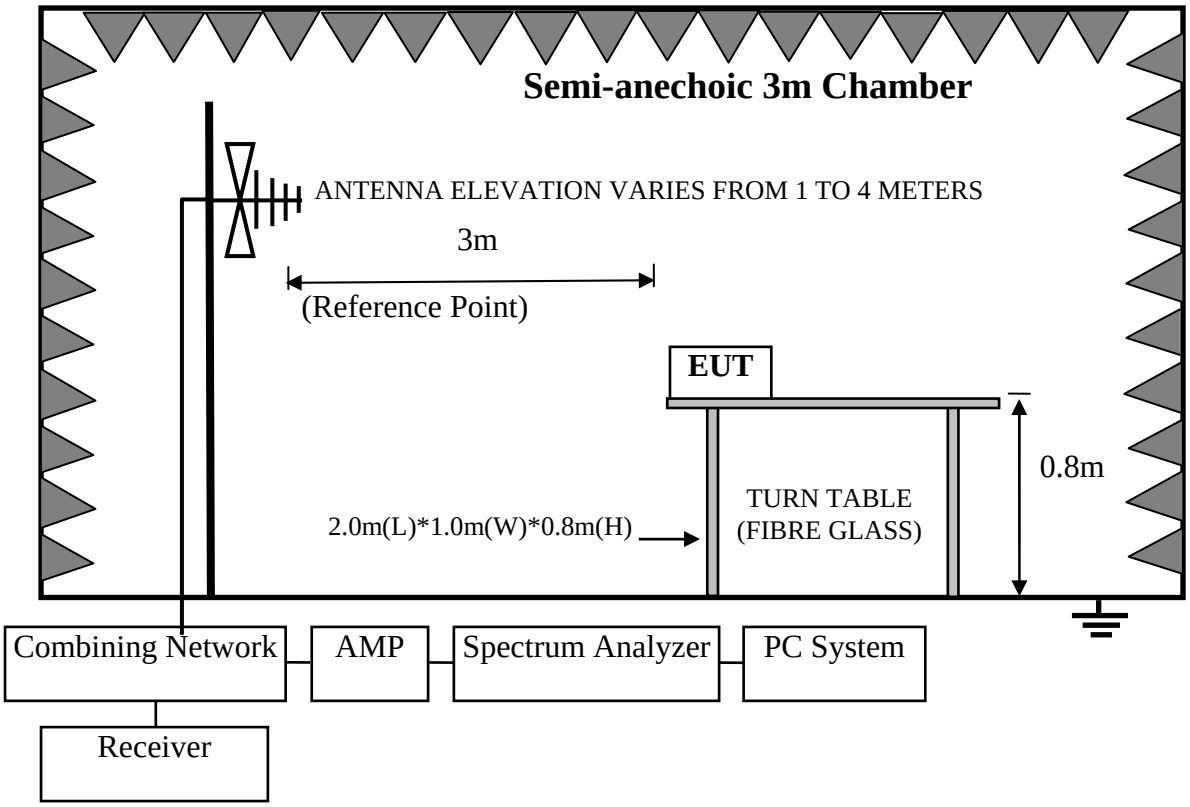
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	3#Chamber	AUDIX	N/A	N/A	Nov.24,12	1 Year
2	EMI Spectrum	Agilent	E4407B	MY41440292	May.08, 12	1 Year
3	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.08, 12	1 Year
4	Amplifier	HP	8447D	2648A04738	May.08, 12	1 Year
5	Bilog Antenna	Schaffner	CBL6111C	2598	Dec.26, 10	2.0 Year
6	RF Cable	MIYAZAKI	CFD400-NL	3# Chamber No.1	May.08, 12	1 Year
7	Coaxial Switch	Anritsu	MP59B	M74389	May.08, 12	1 Year

4.1.2. For frequency range 1GHz~25GHz (At Anechoic Chamber)

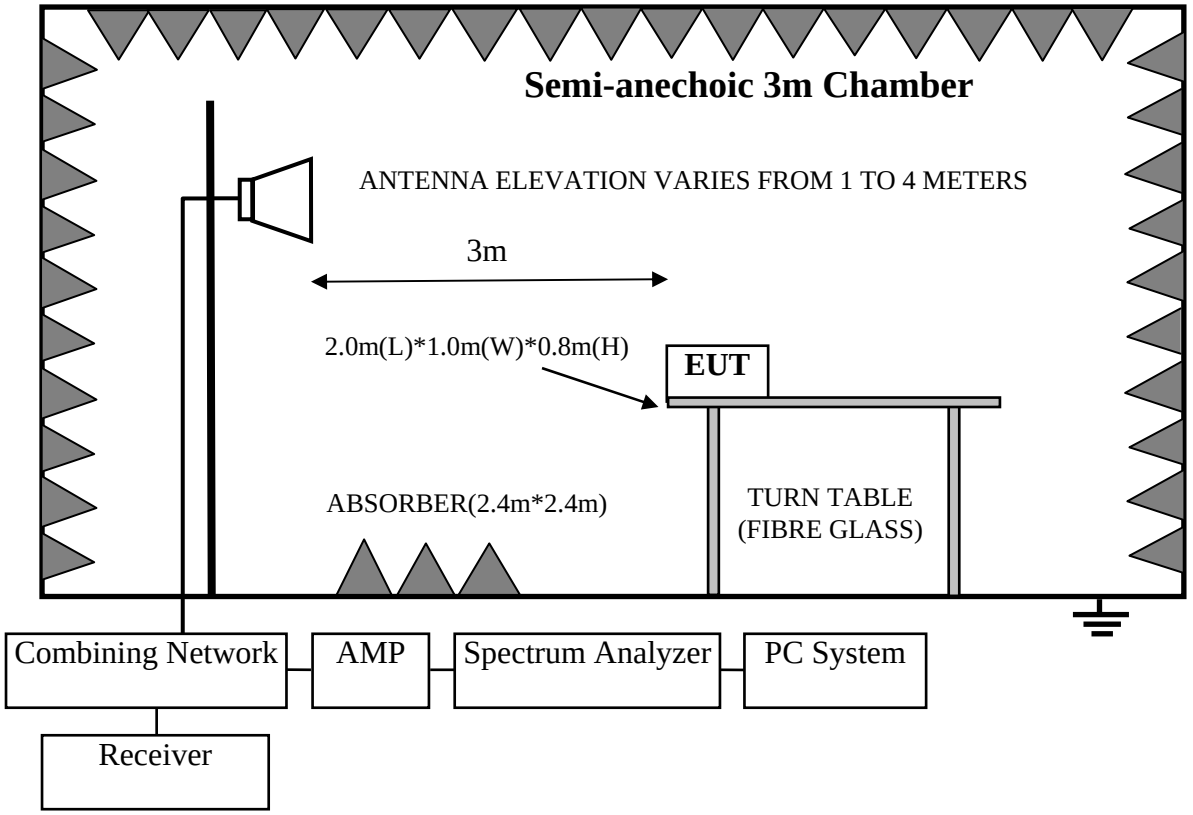
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	May.08, 12	1 Year
2	Horn Antenna	EMCO	3115	9510-4580	June.05, 12	1 Year
3	Amplifier	Agilent	8449B	3008A00863	May.08, 12	1 Year
4	RF Cable	Hubersuhner	SUCOFLEX106	77980/6	May.08, 12	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX106	77977/6	May.08, 12	1 Year
6	Horn Antenna	EMCO	3116	00060089	Nov.25,11	1.5 Year

4.2.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-25GHz



4.3.Radiated Emission Limit

4.3.1. 15.209 limits

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

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

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

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

4.3.2. 15.205 Restricted bands of operation

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

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

4.4. EUT Configuration on Test

The configurations of EUT are listed in Section 3.5.

4.5. Operating Condition of EUT

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

4.6. Test Procedure

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

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position as test photo indicated.

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 10th 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.

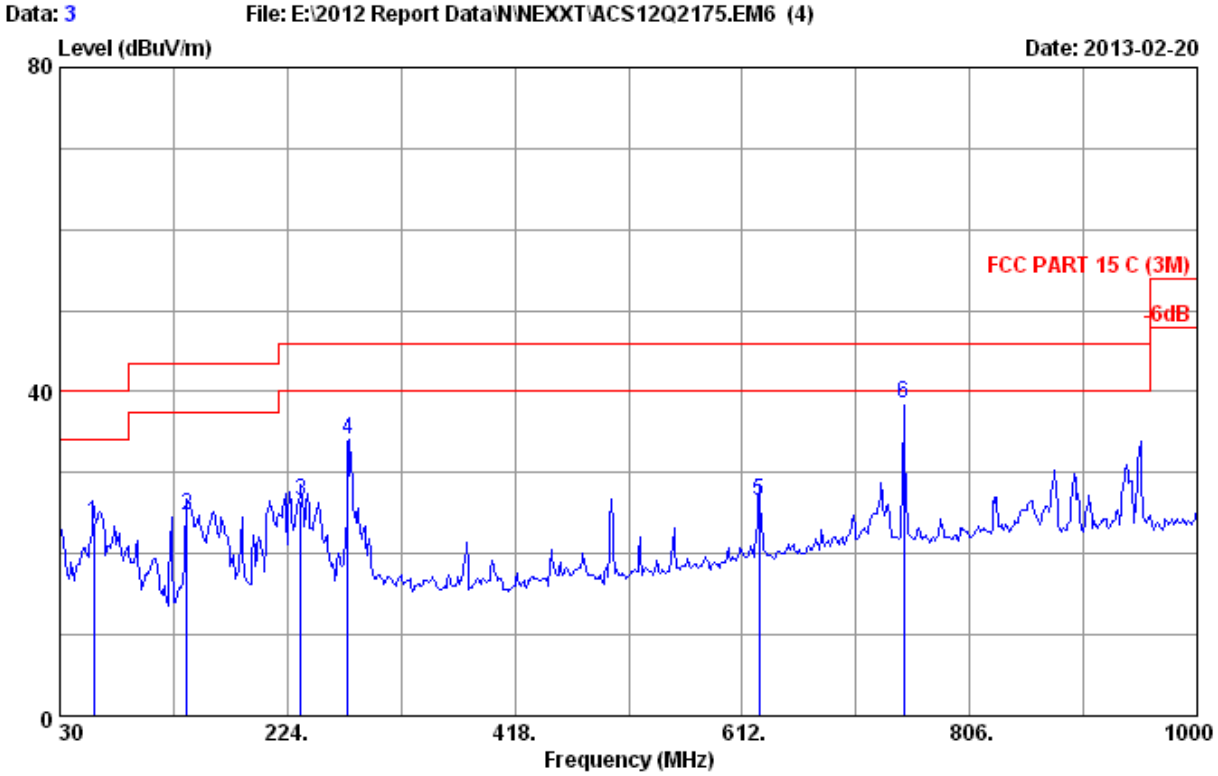
4.7.Radiated Emission Test Results

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.

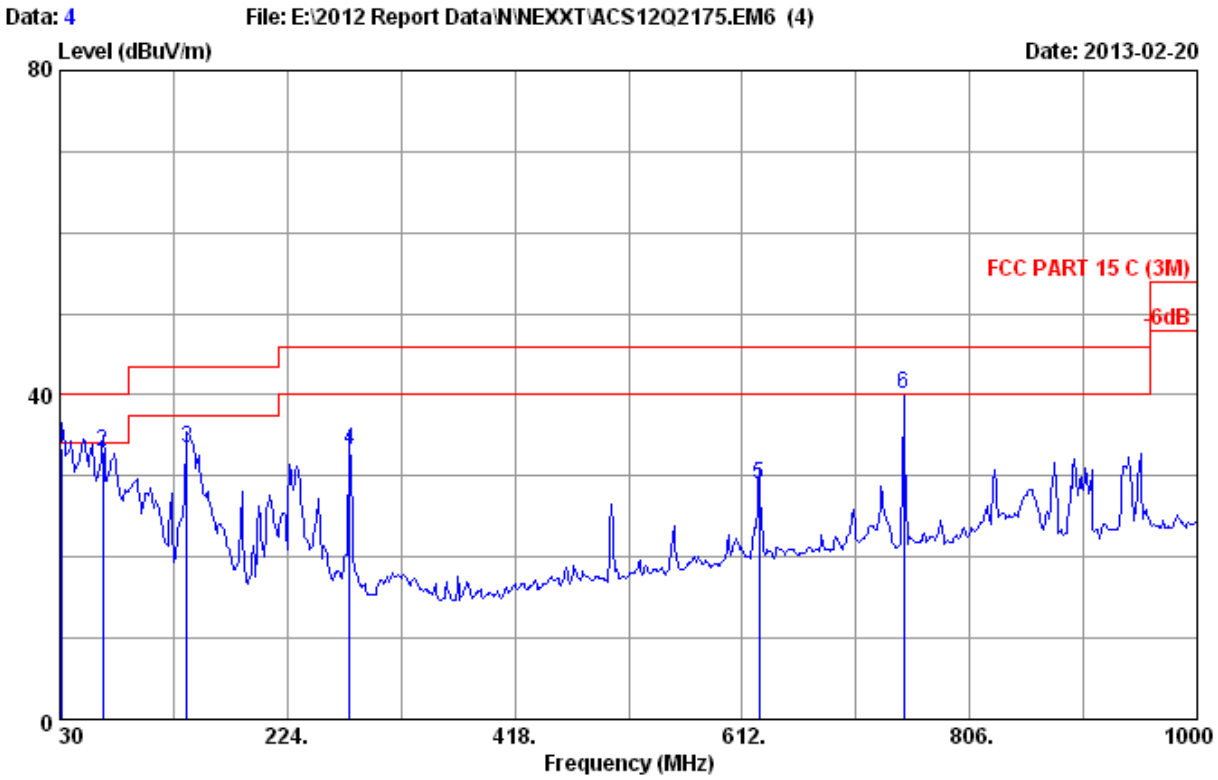
Frequency: 30MHz~1GHz




```
Site no.      : 3m Chamber                    Data no.   : 3
Dis. / Ant.   : 3m   9168-429                 Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15 C (3M)
Env. / Ins.   : 24*C/56%                      Engineer   : Leo_Li
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power rating  : DC 12V From Adapter Input AC 120V/60Hz
Test Mode     : Tx Mode
                M/N:AELPLDR4U1
```

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	59.100	12.82	0.66	10.46	23.94	40.00	16.06	QP
2	138.640	13.41	0.93	10.40	24.74	43.50	18.76	QP
3	235.640	11.35	1.13	13.94	26.42	46.00	19.58	QP
4	275.350	12.24	1.23	20.68	34.15	46.00	11.85	QP
5	626.550	18.82	2.19	5.62	26.63	46.00	19.37	QP
6	749.740	20.27	2.56	15.71	38.54	46.00	7.46	QP

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

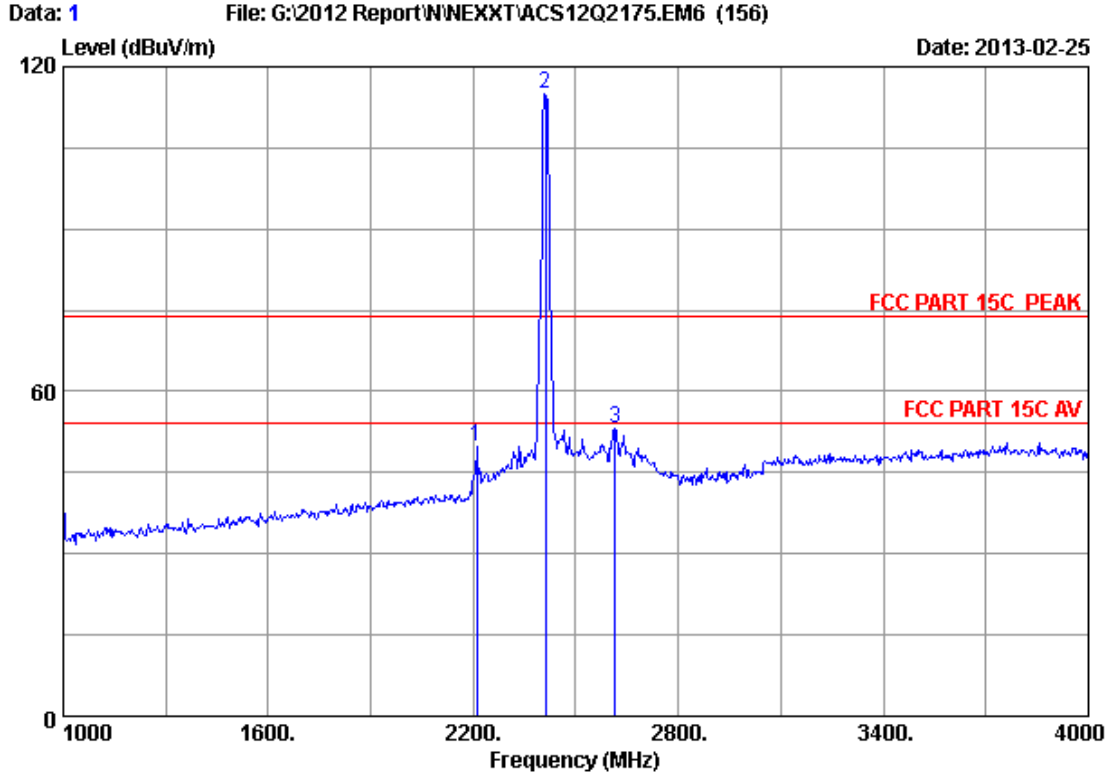


Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 9168-429 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 24*C/56% Engineer : Leo_Li
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power rating : DC 12V From Adapter Input AC 120V/60Hz
Test Mode : Tx Mode
M/N:AELPLDR4U1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.940	13.29	0.45	19.74	33.48	40.00	6.52	QP
2	66.860	11.43	0.69	20.84	32.96	40.00	7.04	QP
3	138.640	13.41	0.93	19.17	33.51	43.50	9.99	QP
4	277.350	12.30	1.23	19.65	33.18	46.00	12.82	QP
5	626.550	18.82	2.19	8.03	29.04	46.00	16.96	QP
6	749.740	20.27	2.56	17.20	40.03	46.00	5.97	QP

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

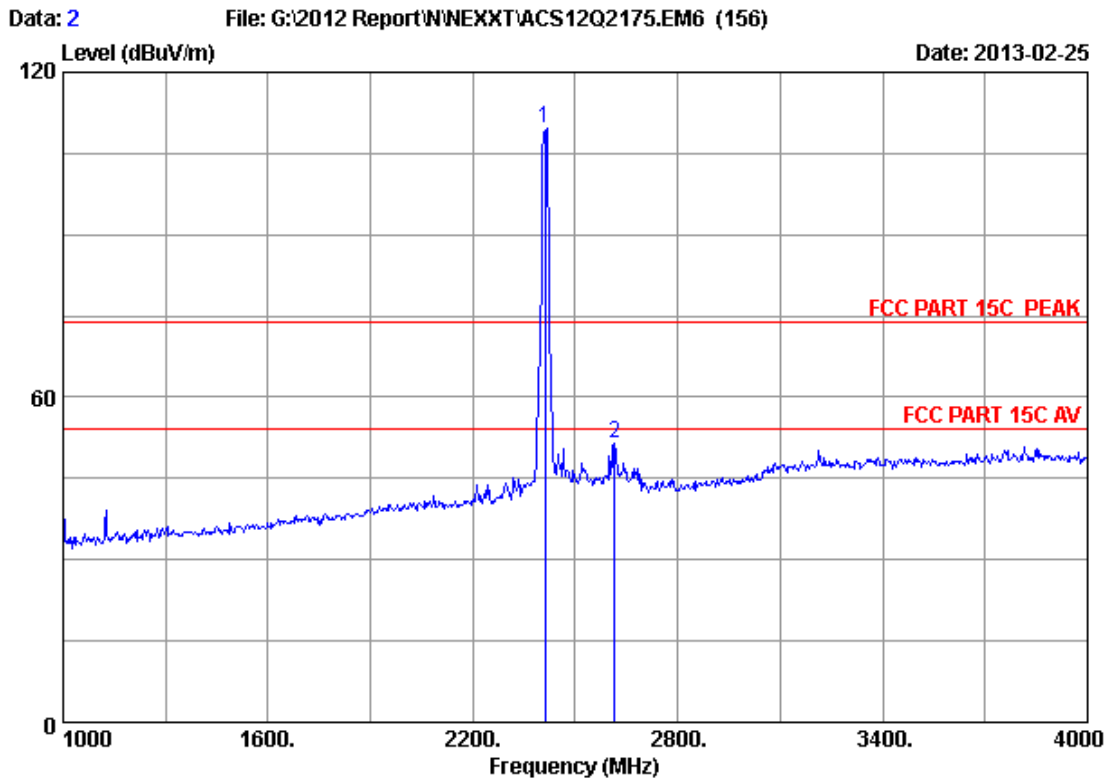
Frequency: 1GHz~18GHz



Site no. : 3m Chamber Data no. : 1
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2209.000	29.32	8.32	36.02	48.15	49.77	74.00	24.23	Peak
2	2412.000	29.45	8.72	35.95	112.74	114.96	74.00	-40.96	Peak
3	2614.000	30.08	9.12	36.06	49.85	52.99	74.00	21.01	Peak

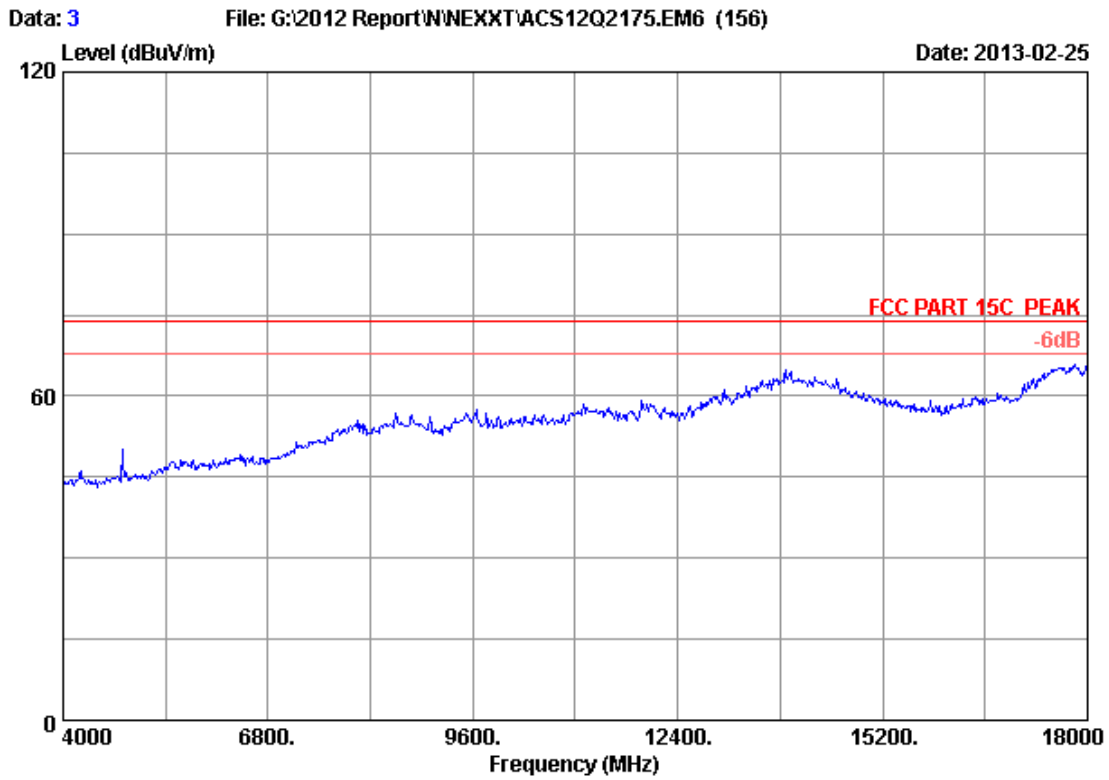
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



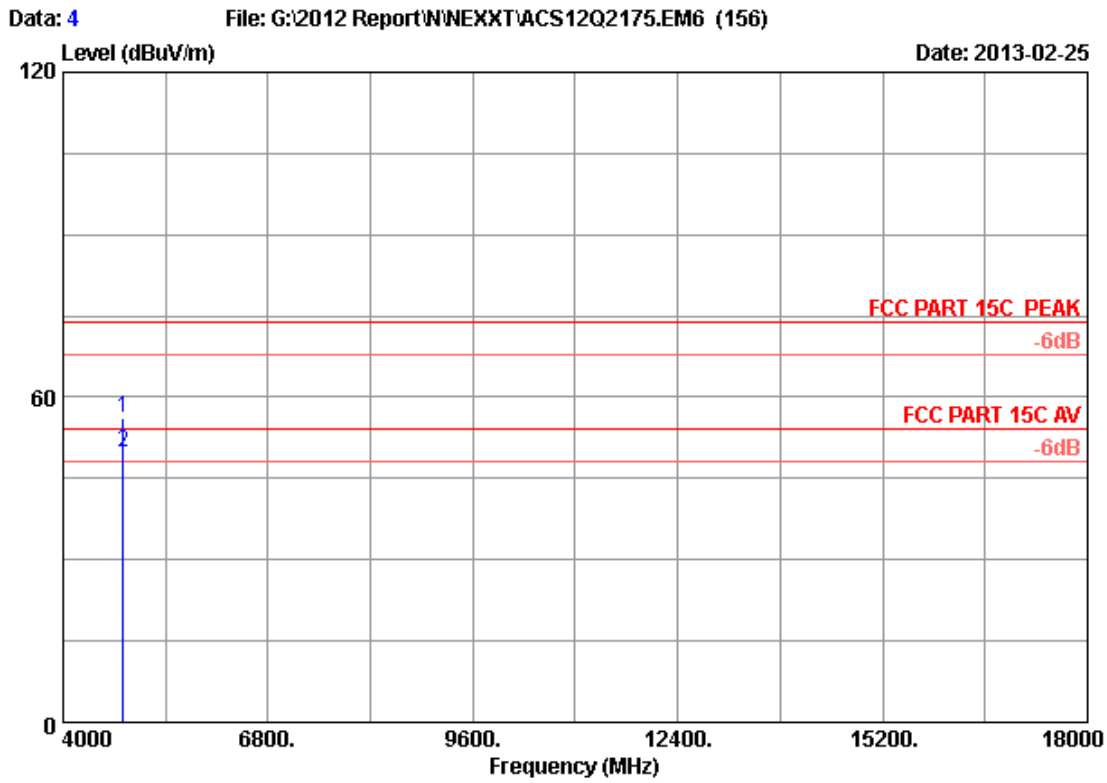
Site no. : 3m Chamber Data no. : 2
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	107.32	109.54	74.00	-35.54	Peak
2	2614.000	30.08	9.12	36.06	48.45	51.59	74.00	22.41	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.



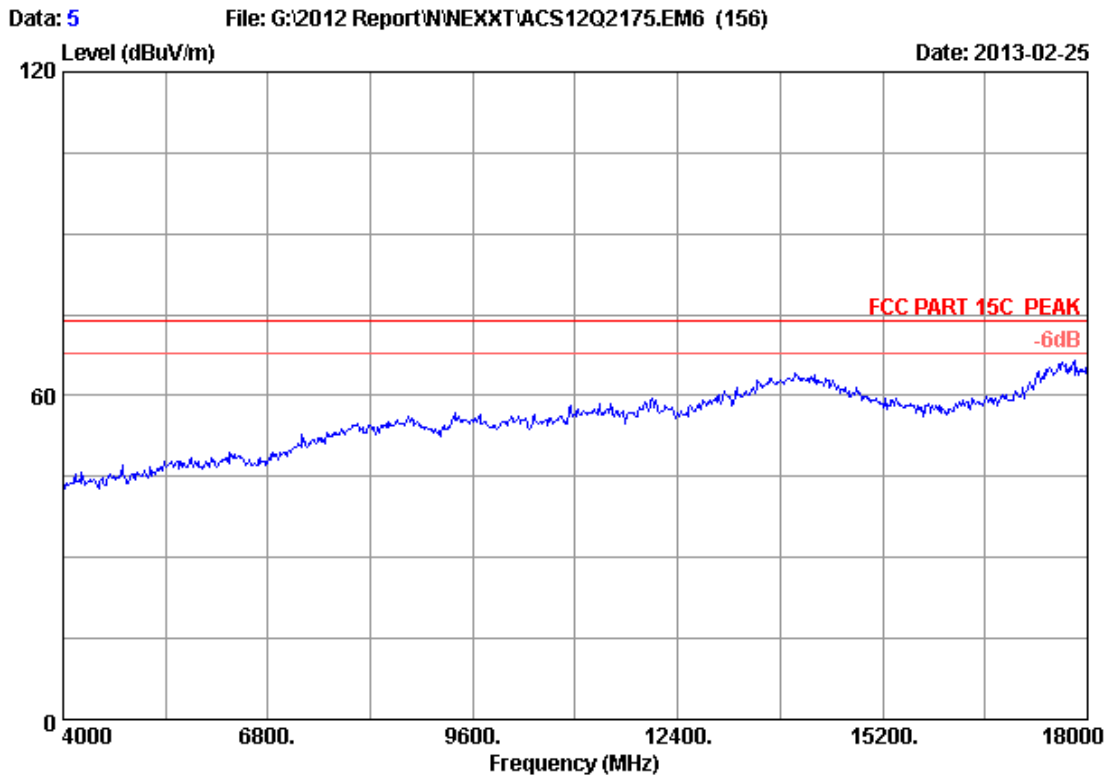

```
Site no.      : 3m Chamber                Data no.   : 3
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



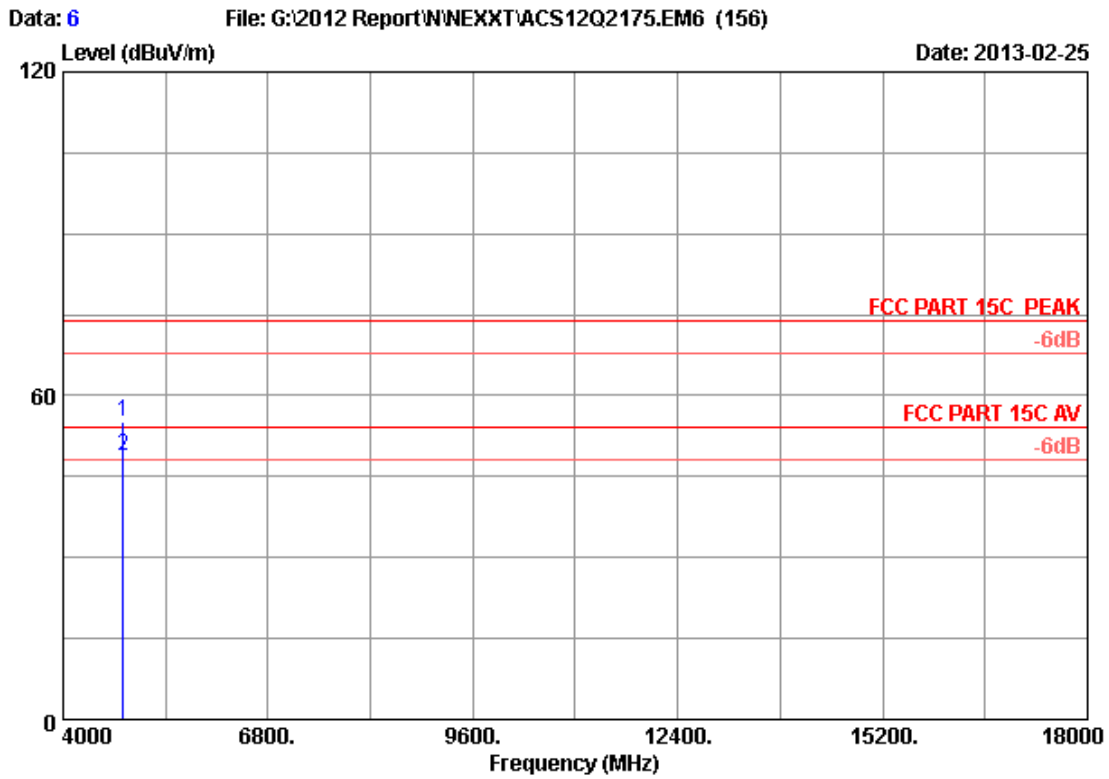
Site no. : 3m Chamber Data no. : 4
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	44.86	56.31	74.00	17.69	Peak
2	4824.000	34.32	12.38	35.25	38.39	49.84	54.00	4.16	Average

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



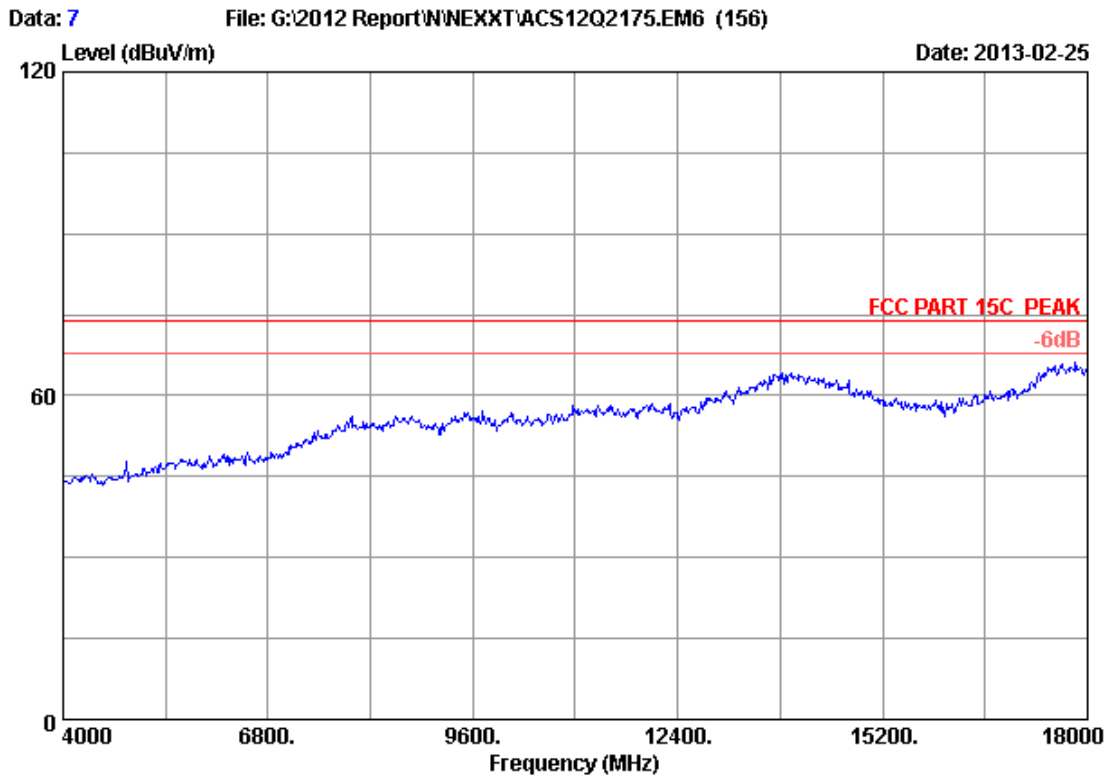

```
Site no.      : 3m Chamber                Data no.   : 5
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



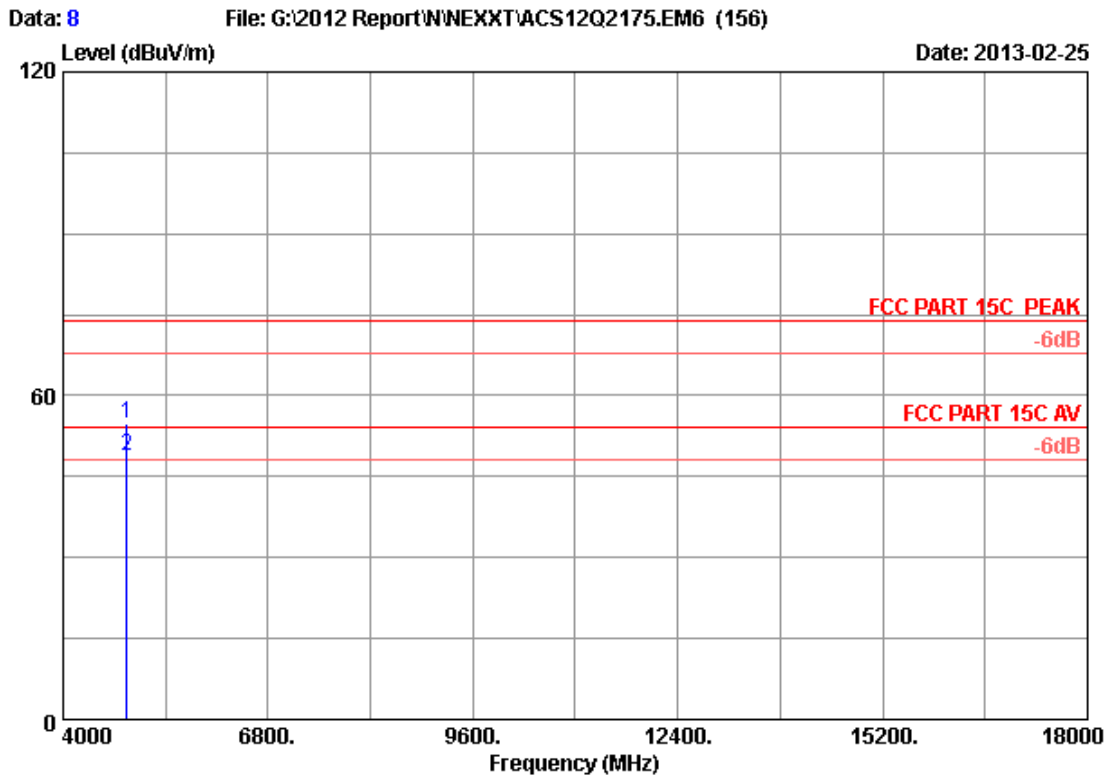
Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	43.61	55.06	74.00	18.94	Peak
2	4824.000	34.32	12.38	35.25	37.24	48.69	54.00	5.31	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.



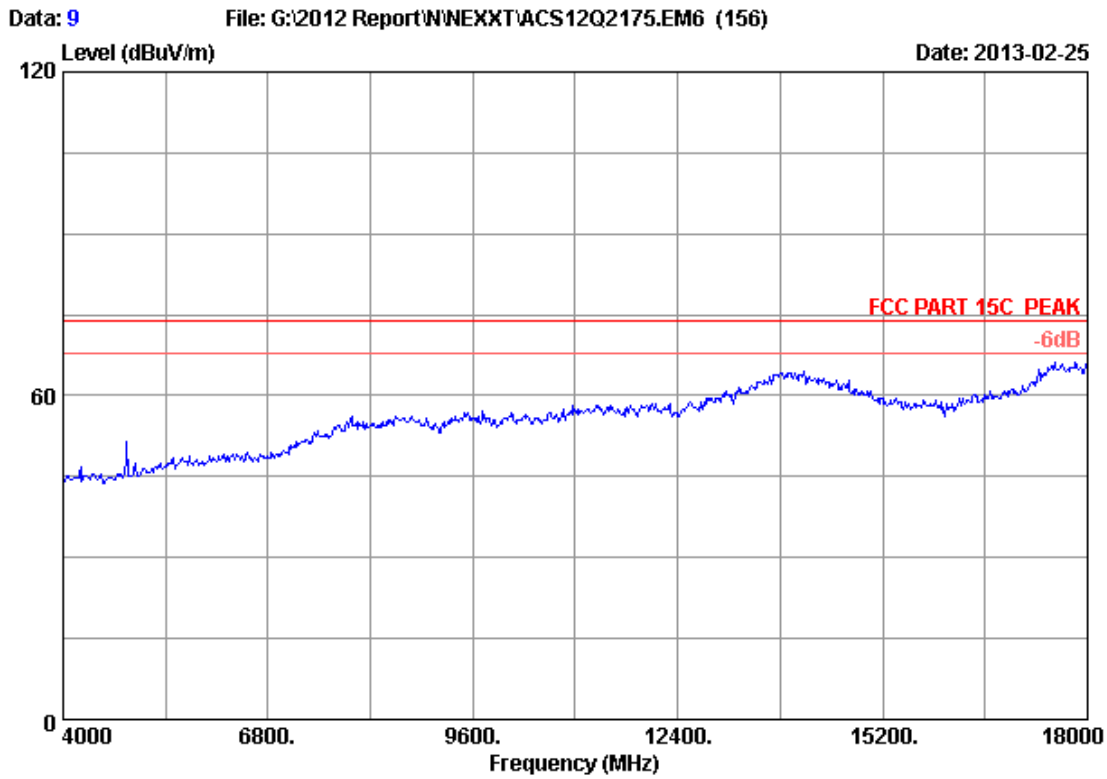

```
Site no.      : 3m Chamber                Data no.   : 7
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



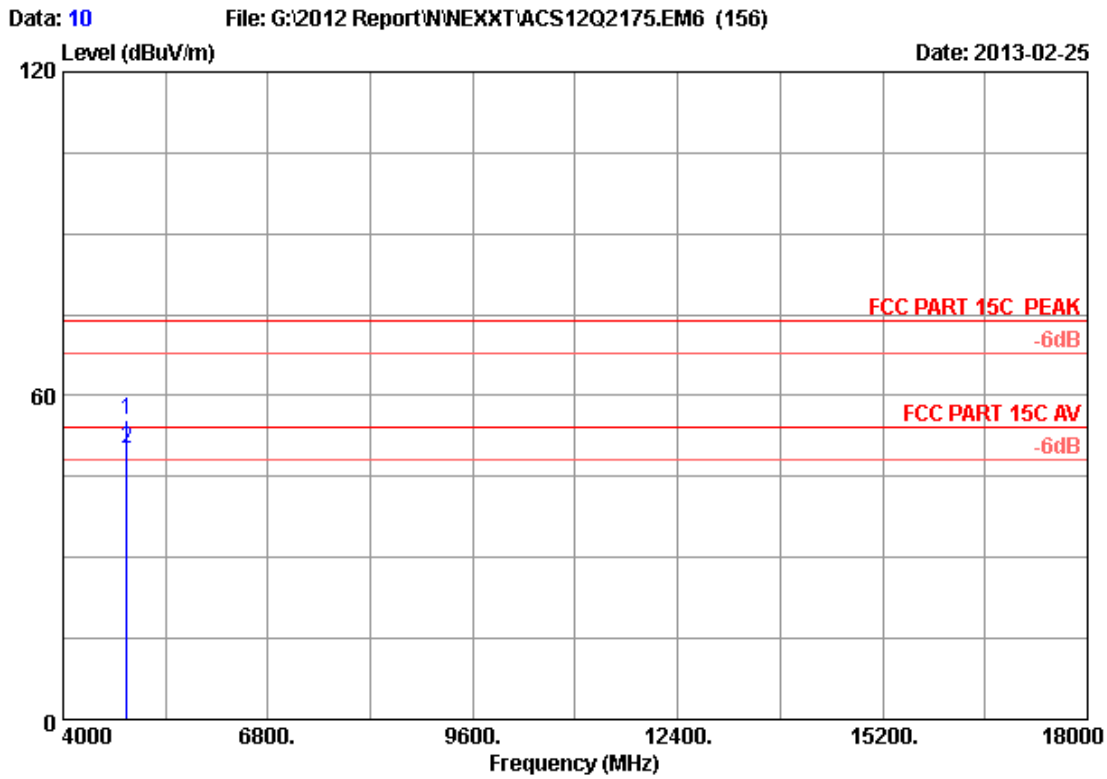
Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	43.37	54.86	74.00	19.14	Peak
2	4874.000	34.41	12.44	35.36	37.44	48.93	54.00	5.07	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.



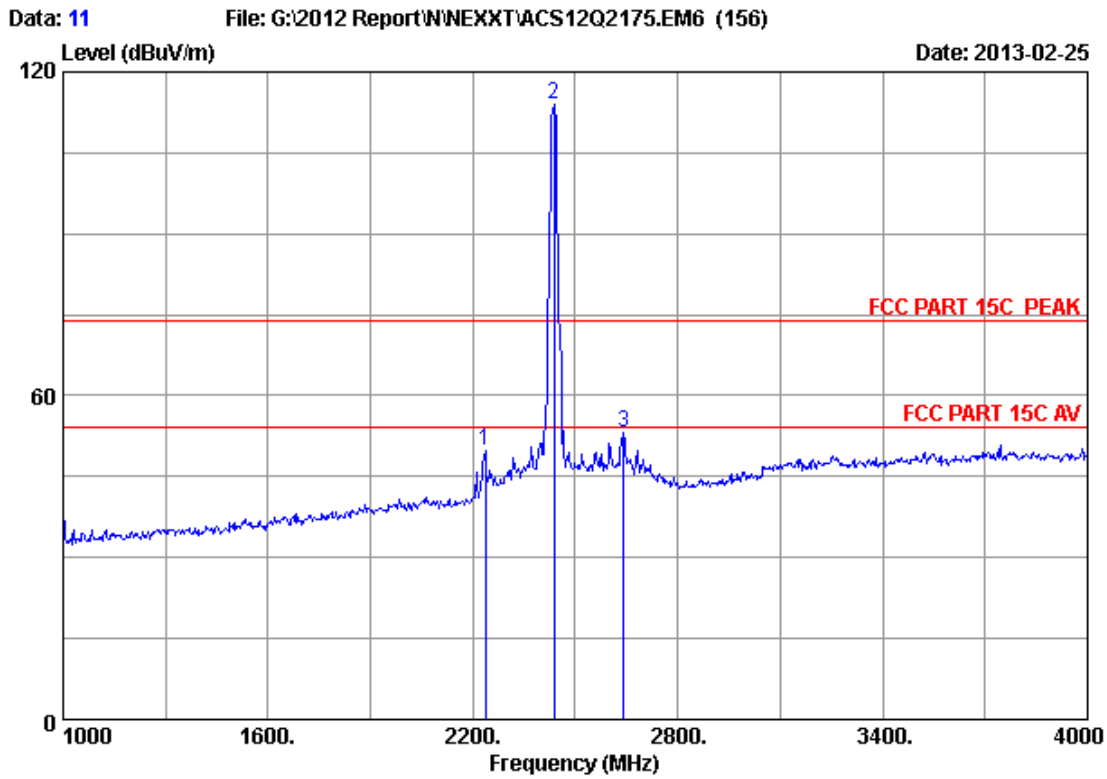

```
Site no.      : 3m Chamber                Data no.   : 9
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



Site no. : 3m Chamber Data no. : 10
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	44.15	55.64	74.00	18.36	Peak
2	4874.000	34.41	12.44	35.36	38.73	50.22	54.00	3.78	Average

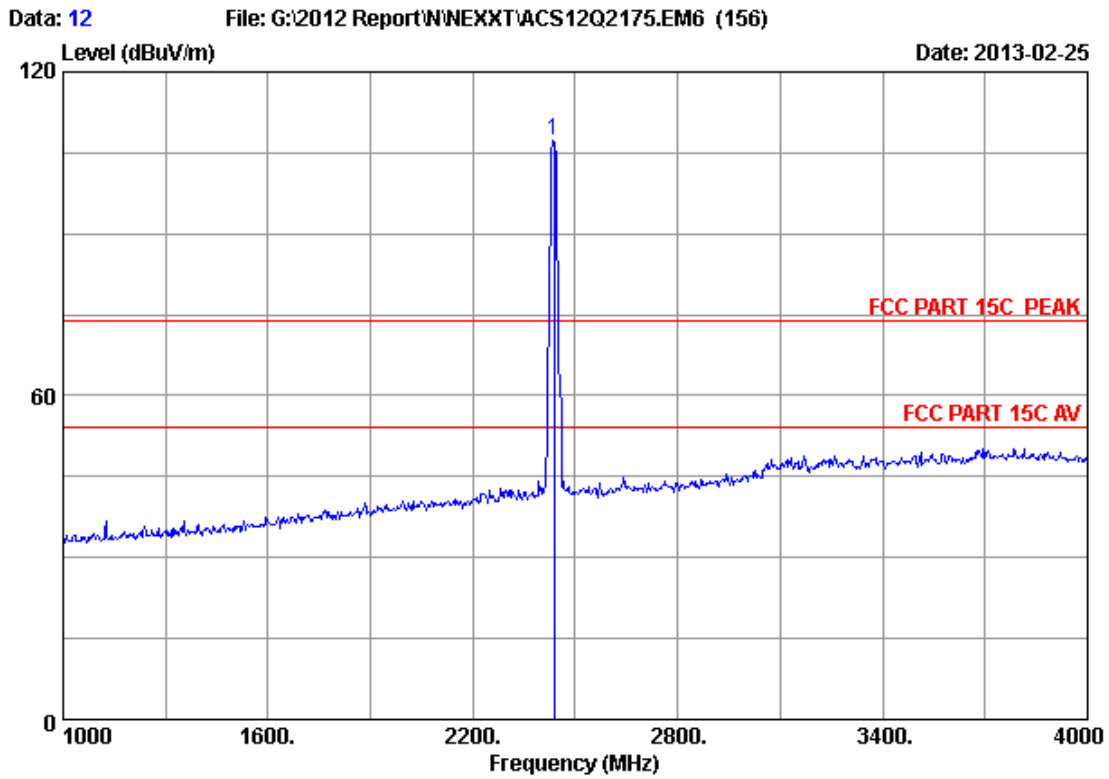
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 11
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2236.000	29.34	8.37	35.71	47.77	49.77	74.00	24.23	Peak
2	2437.000	29.47	8.77	36.06	111.83	114.01	74.00	-40.01	Peak
3	2641.000	30.25	9.17	35.77	49.60	53.25	74.00	20.75	Peak

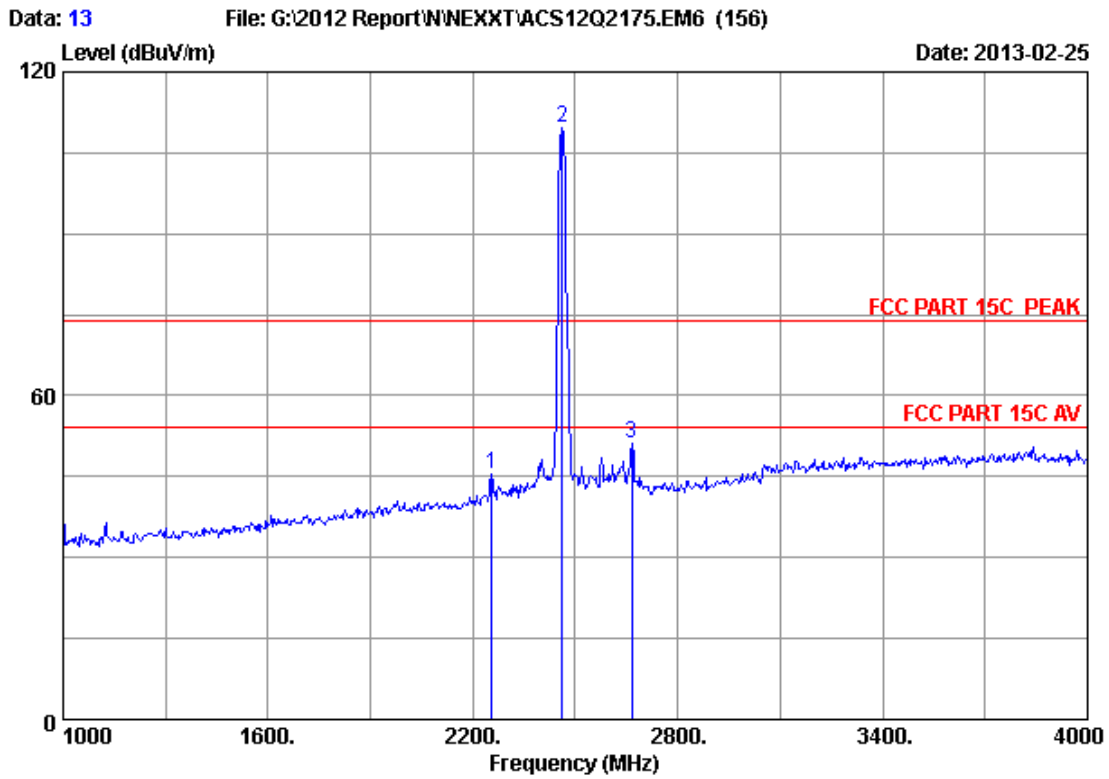
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 12
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	105.14	107.32	74.00	-33.32	Peak

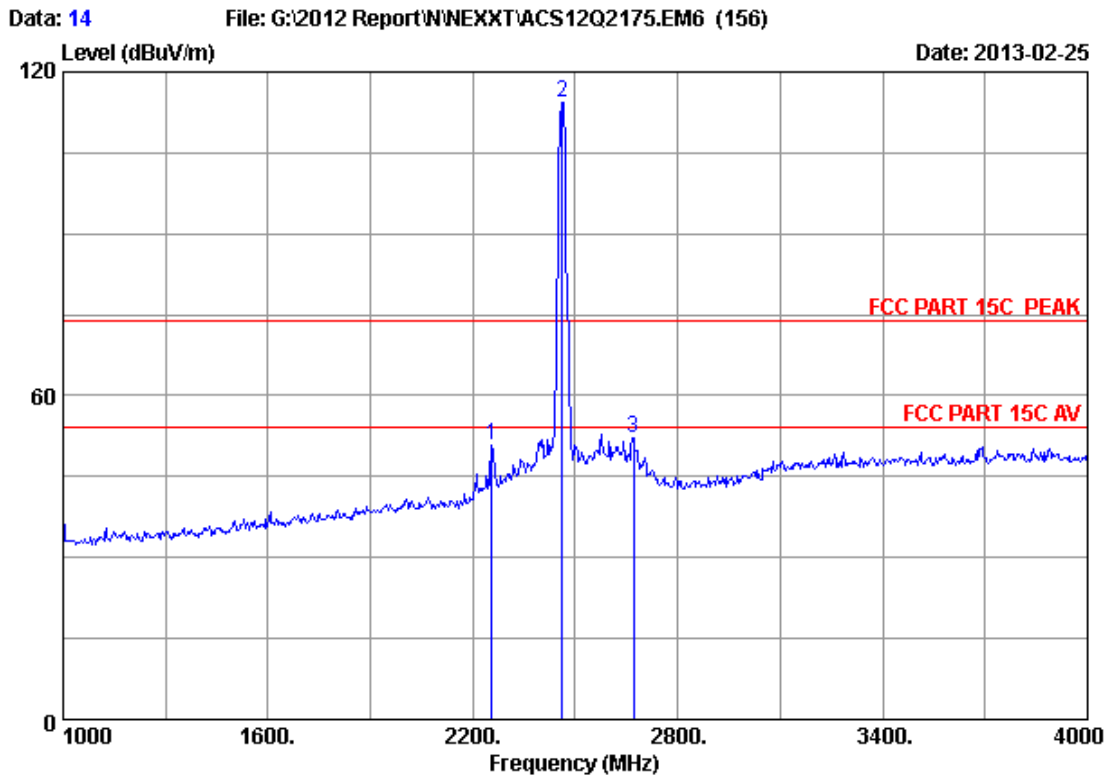
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 13
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2254.000	29.36	8.42	35.85	43.40	45.33	74.00	28.67	Peak
2	2462.000	29.48	8.82	36.02	107.47	109.75	74.00	-35.75	Peak
3	2665.000	30.33	9.21	35.88	47.56	51.22	74.00	22.78	Peak

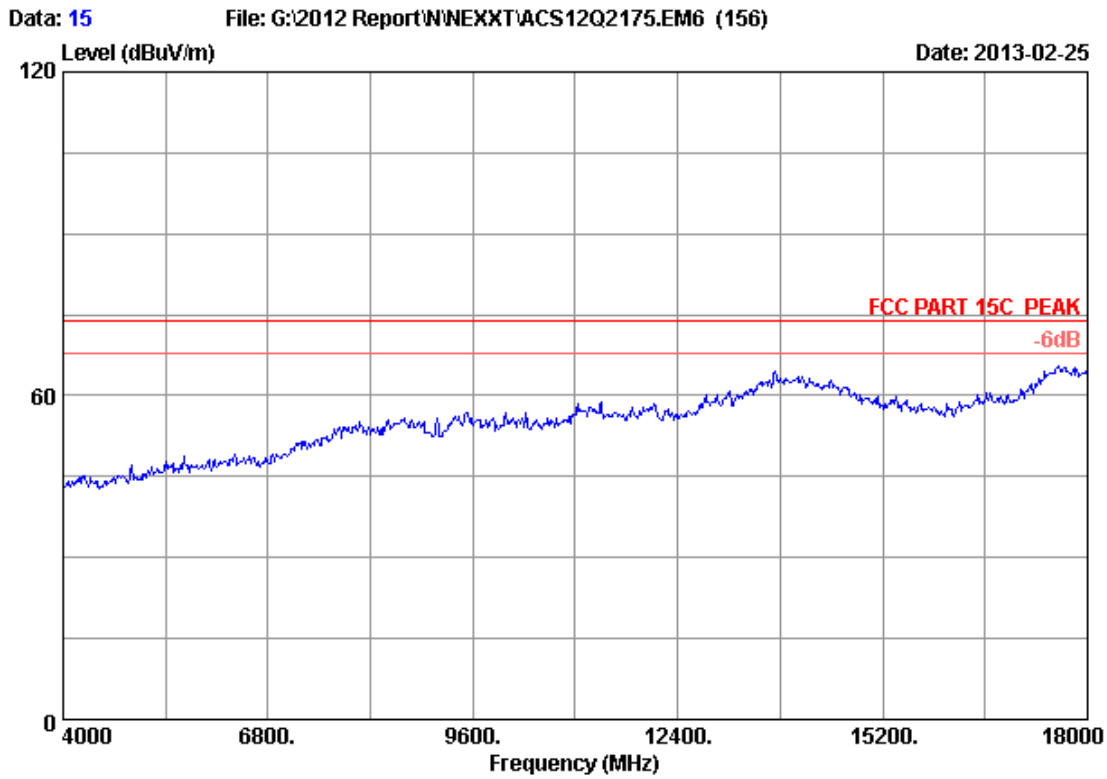
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



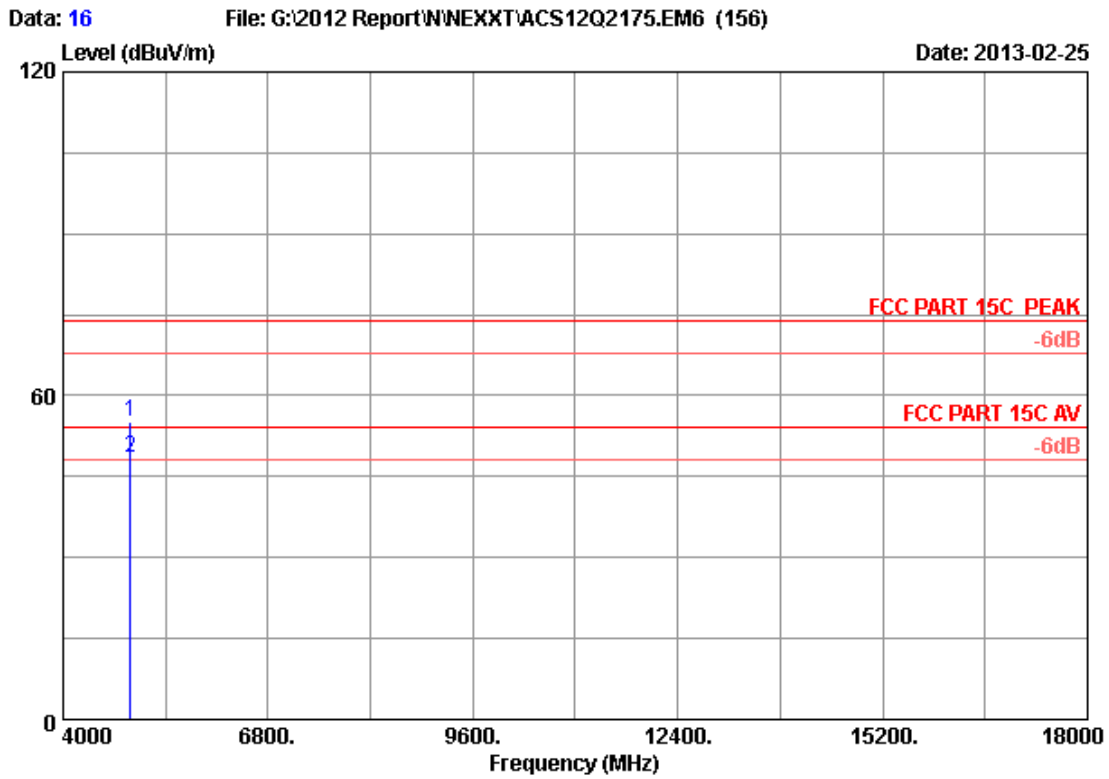
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2254.000	29.36	8.42	35.85	49.03	50.96	74.00	23.04	Peak
2	2462.000	29.48	8.82	36.02	112.14	114.42	74.00	-40.42	Peak
3	2671.000	30.33	9.21	35.88	48.59	52.25	74.00	21.75	Peak

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



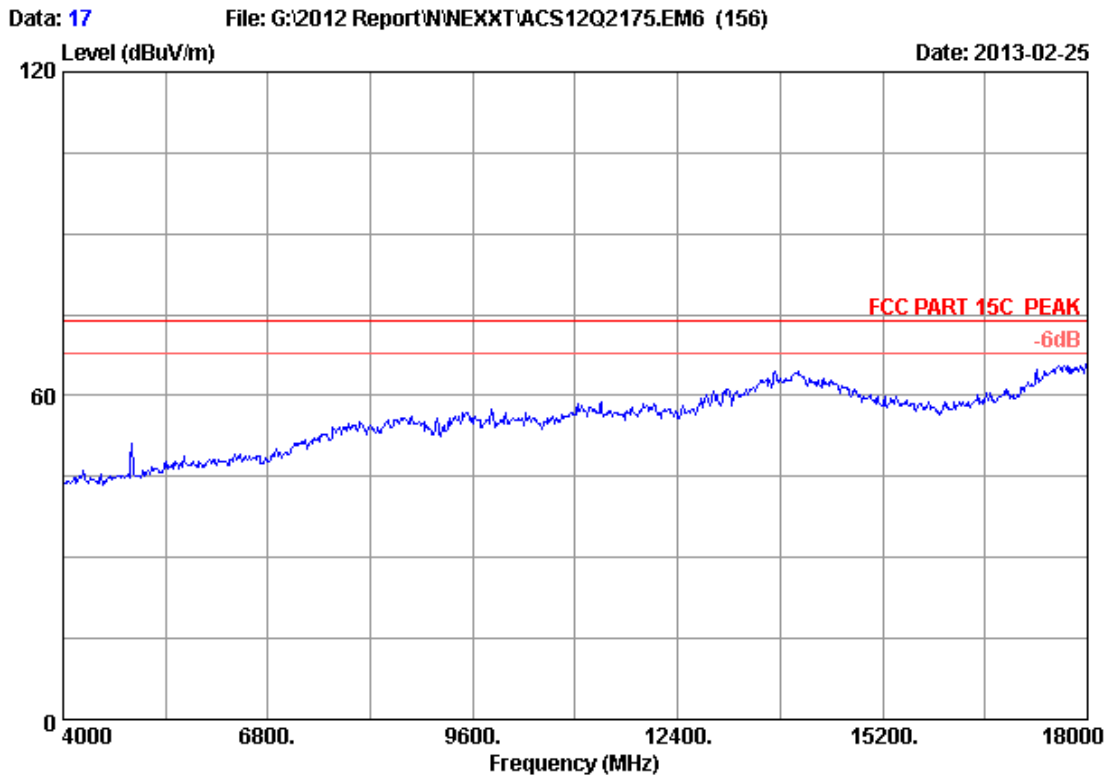

```
Site no.      : 3m Chamber                Data no.   : 15
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



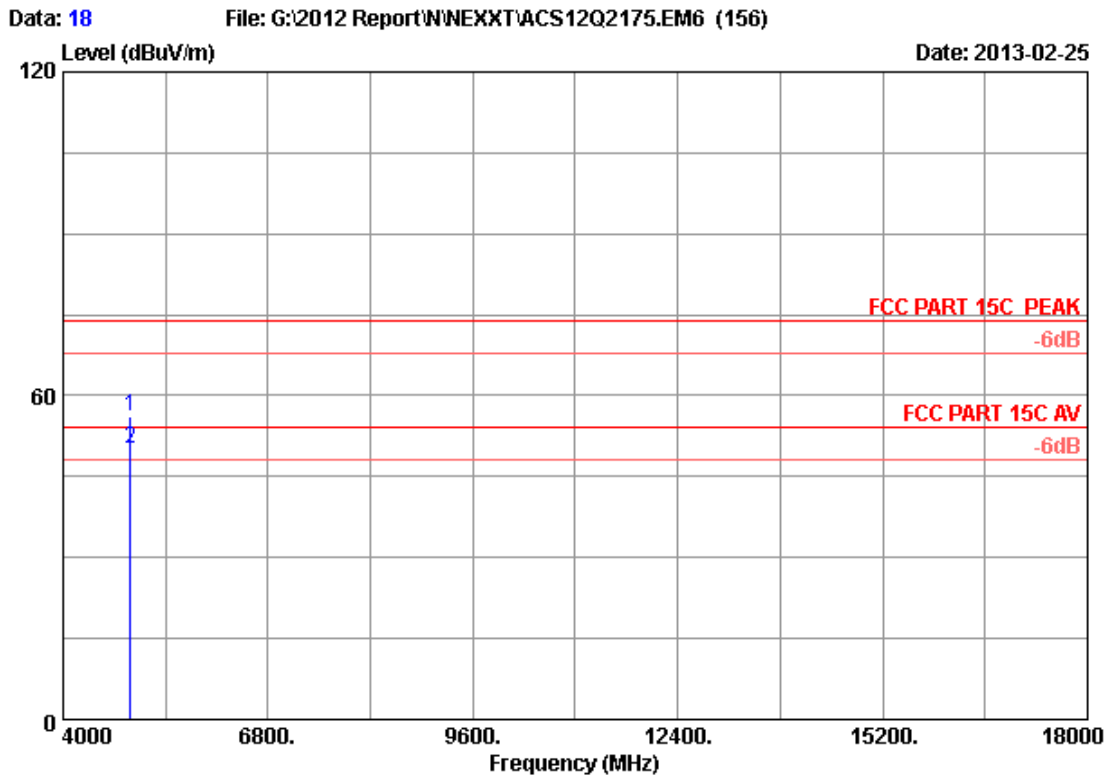
Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	43.54	55.19	74.00	18.81	Peak
2	4924.000	34.49	12.50	35.34	36.95	48.60	54.00	5.40	Average

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



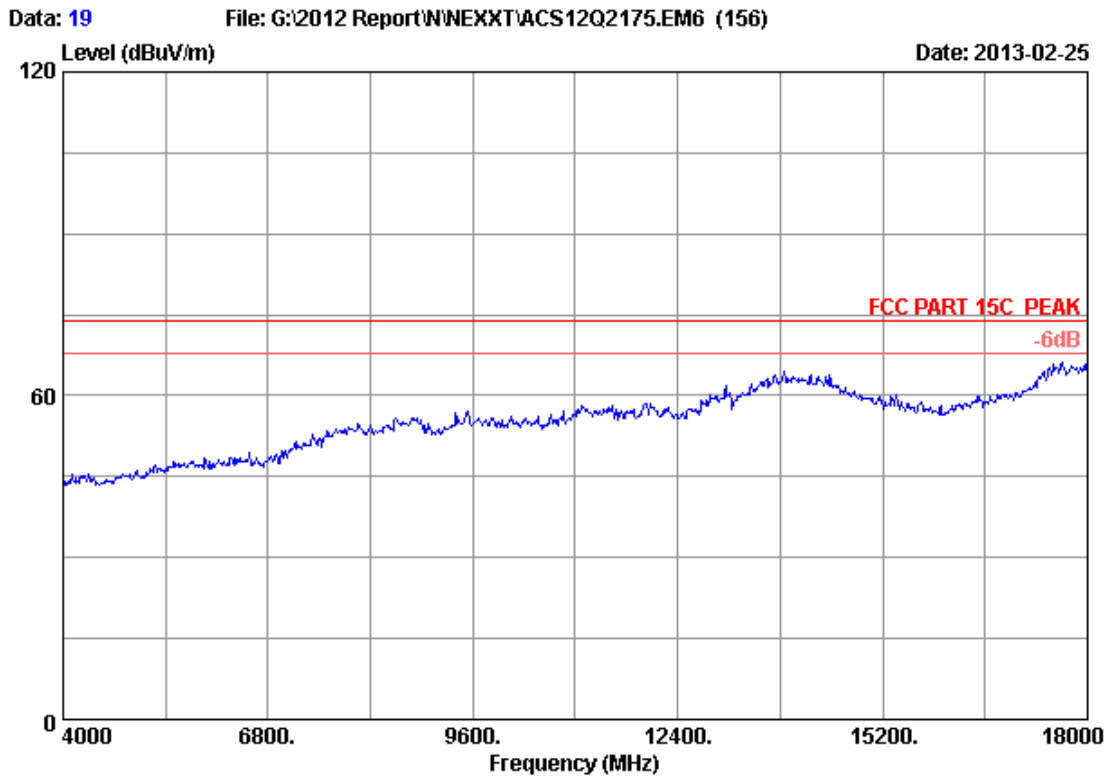

```
Site no.      : 3m Chamber                Data no.   : 17
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



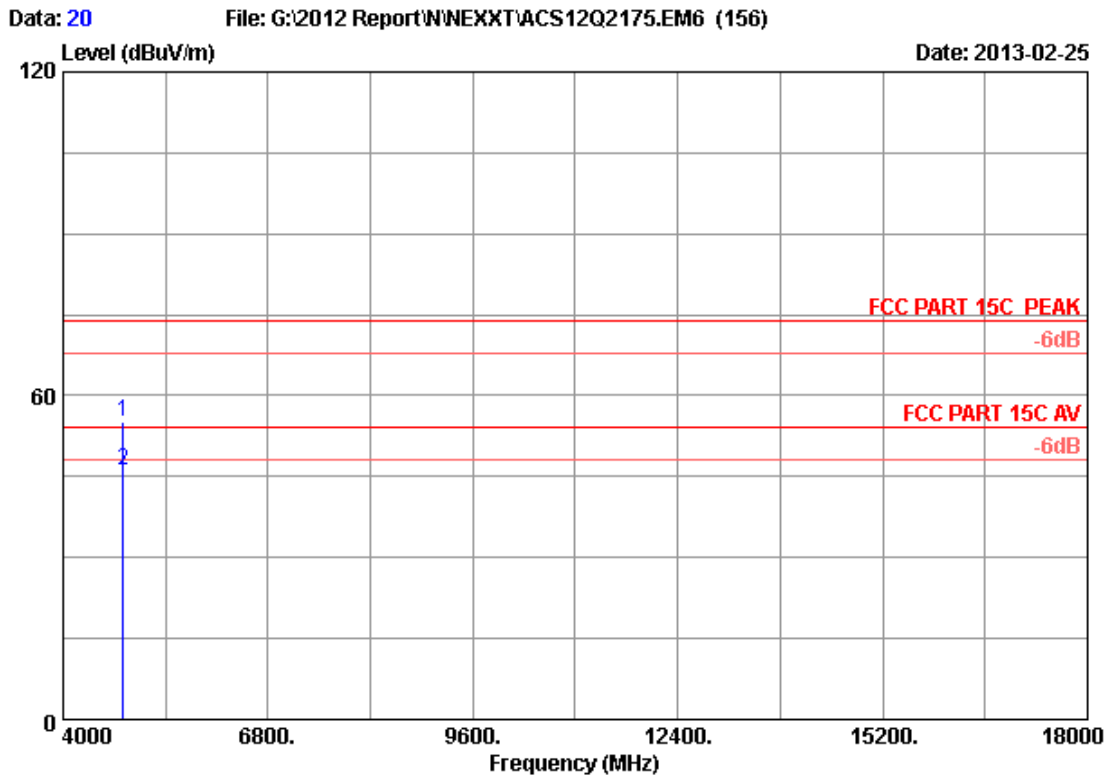
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	44.65	56.30	74.00	17.70	Peak
2	4924.000	34.49	12.50	35.34	38.46	50.11	54.00	3.89	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.



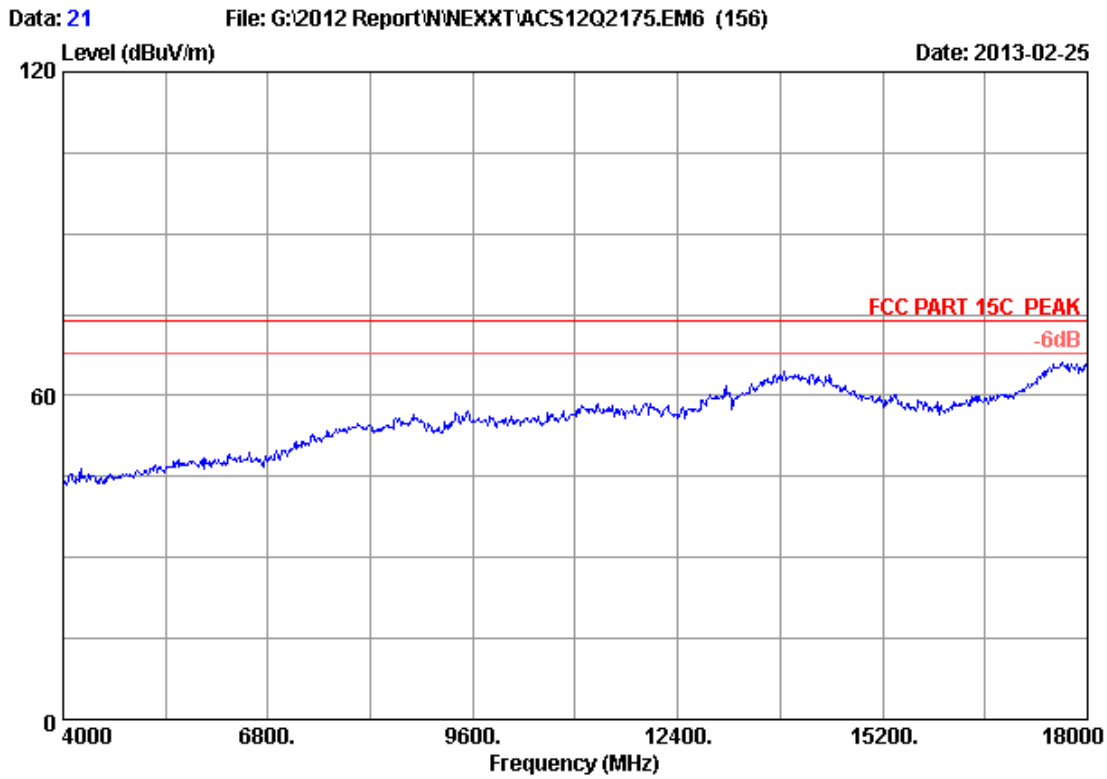

```
Site no.      : 3m Chamber                Data no.   : 19
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



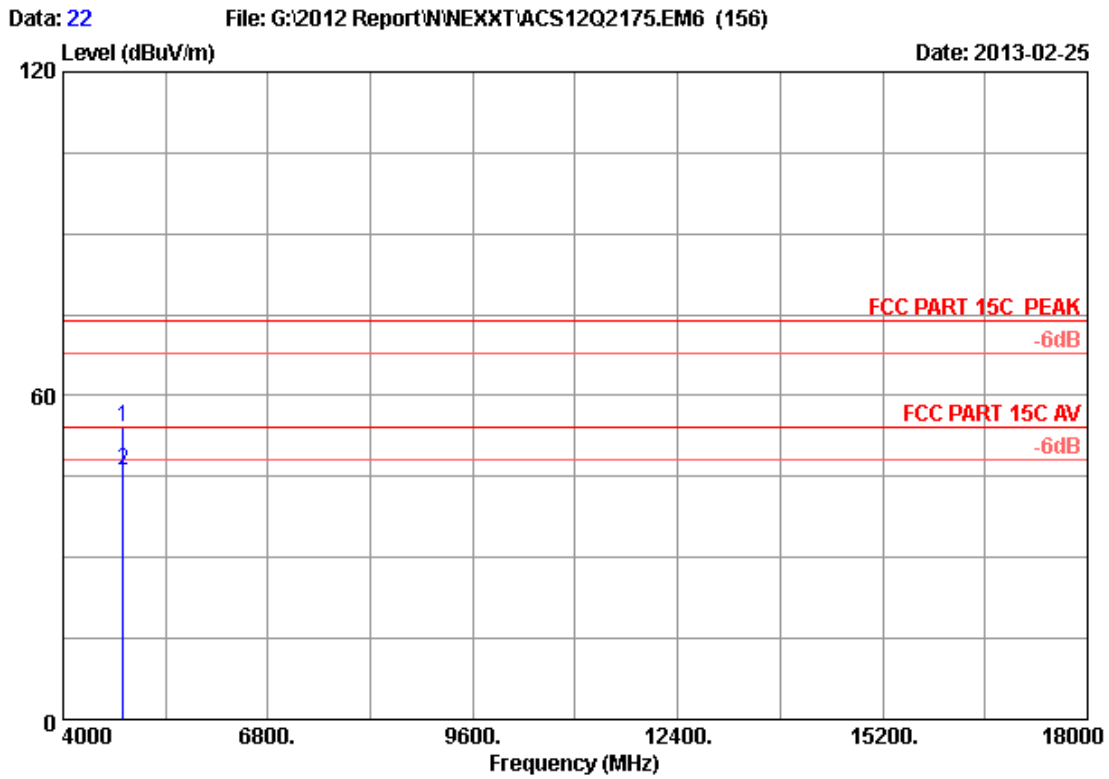
Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	43.86	55.31	74.00	18.69	Peak
2	4824.000	34.32	12.38	35.25	34.58	46.03	54.00	7.97	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.



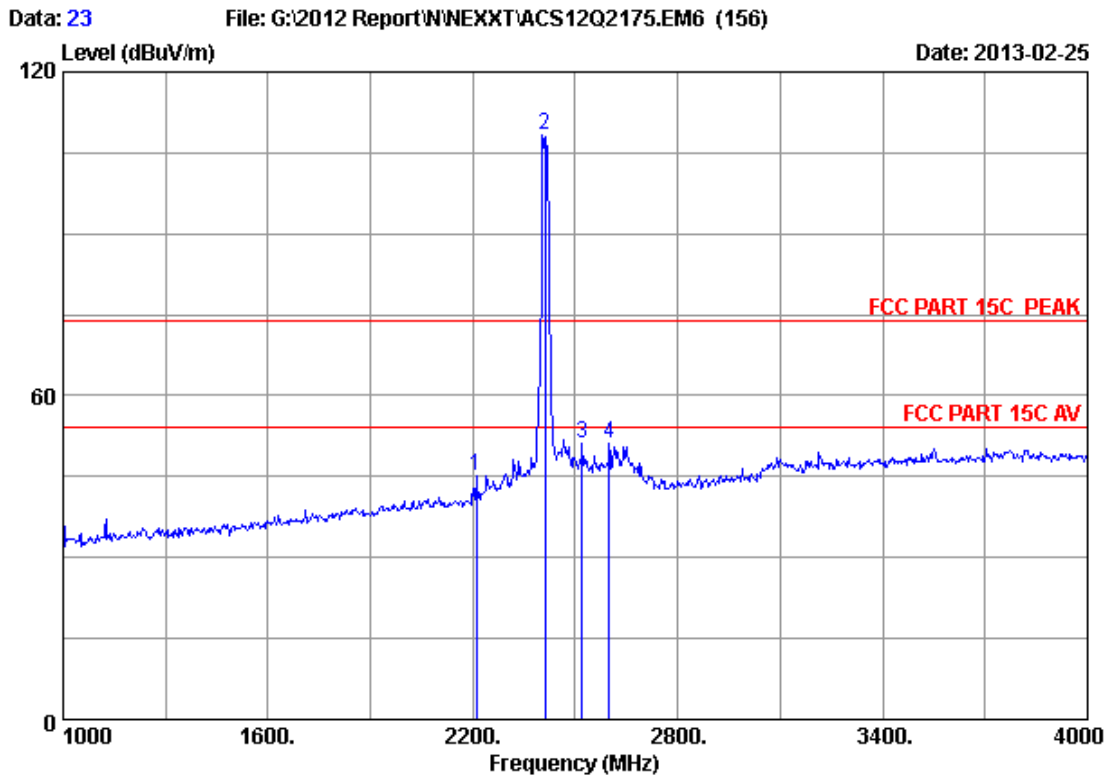

```
Site no.      : 3m Chamber                Data no.   : 21
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	42.86	54.31	74.00	19.69	Peak
2	4824.000	34.32	12.38	35.25	34.62	46.07	54.00	7.93	Average

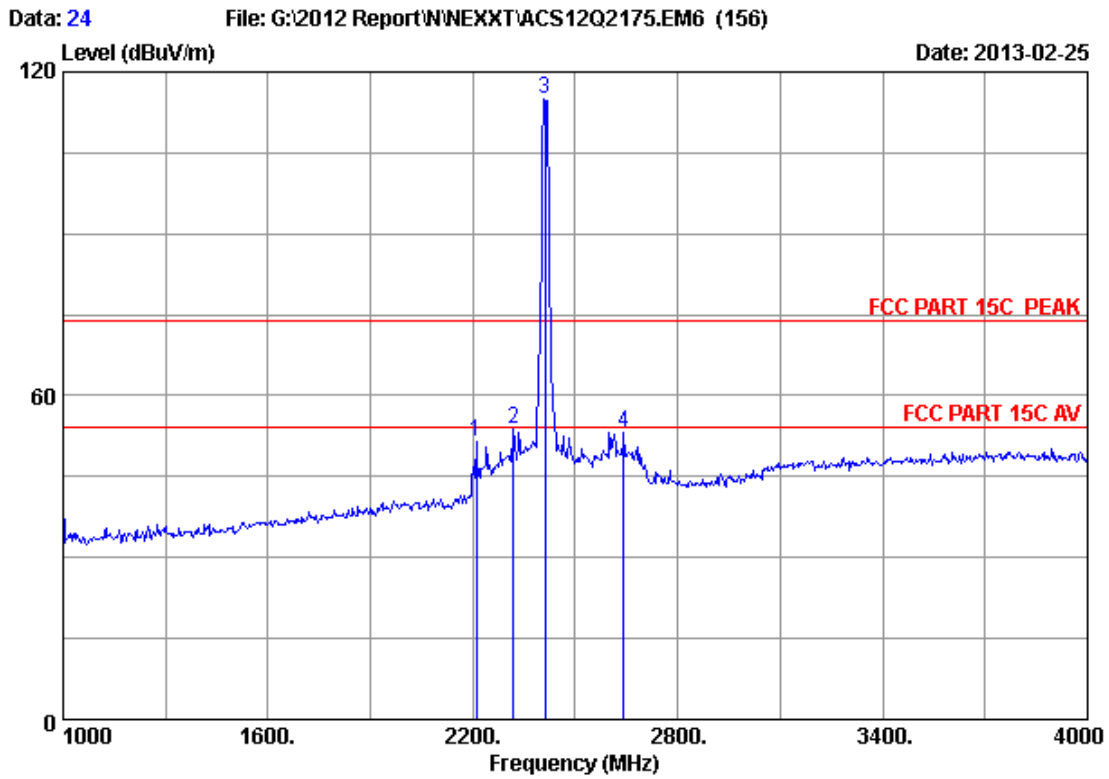
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2209.000	29.32	8.32	36.02	43.64	45.26	74.00	28.74	Peak
2	2412.000	29.45	8.72	35.95	106.25	108.47	74.00	-34.47	Peak
3	2521.000	29.58	8.92	35.99	48.48	50.99	74.00	23.01	Peak
4	2599.000	30.00	9.12	35.92	47.82	51.02	74.00	22.98	Peak

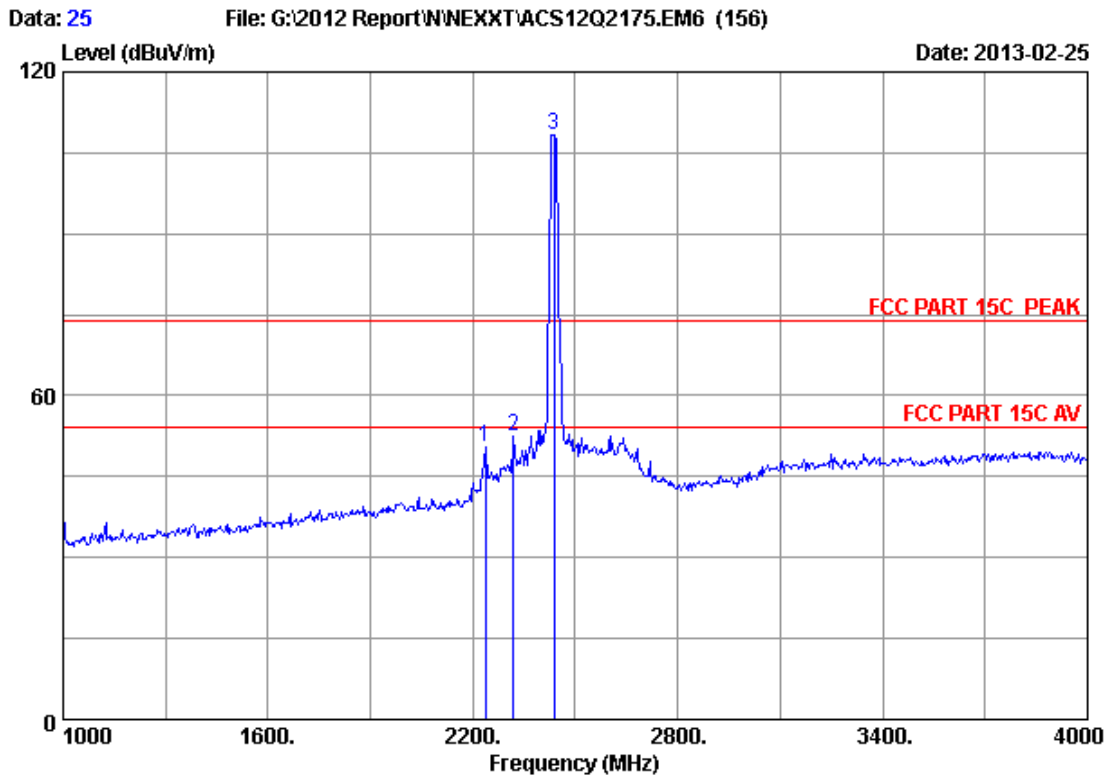
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2209.000	29.32	8.32	36.02	49.89	51.51	74.00	22.49	Peak
2	2320.000	29.40	8.52	36.06	51.90	53.76	74.00	20.24	Peak
3	2412.000	29.45	8.72	35.95	112.71	114.93	74.00	-40.93	Peak
4	2641.000	30.25	9.17	35.77	49.57	53.22	74.00	20.78	Peak

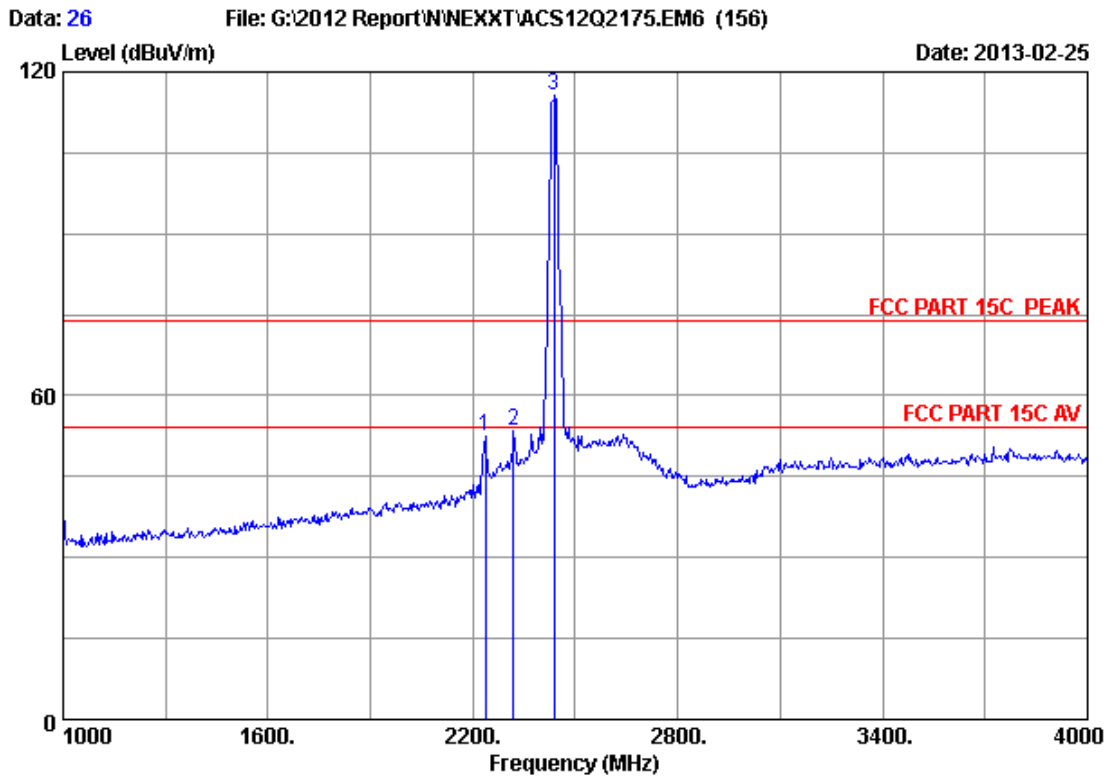
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 25
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2236.000	29.34	8.37	35.71	48.48	50.48	74.00	23.52	Peak
2	2320.000	29.40	8.52	36.06	50.46	52.32	74.00	21.68	Peak
3	2437.000	29.47	8.77	36.06	106.13	108.31	74.00	-34.31	Peak

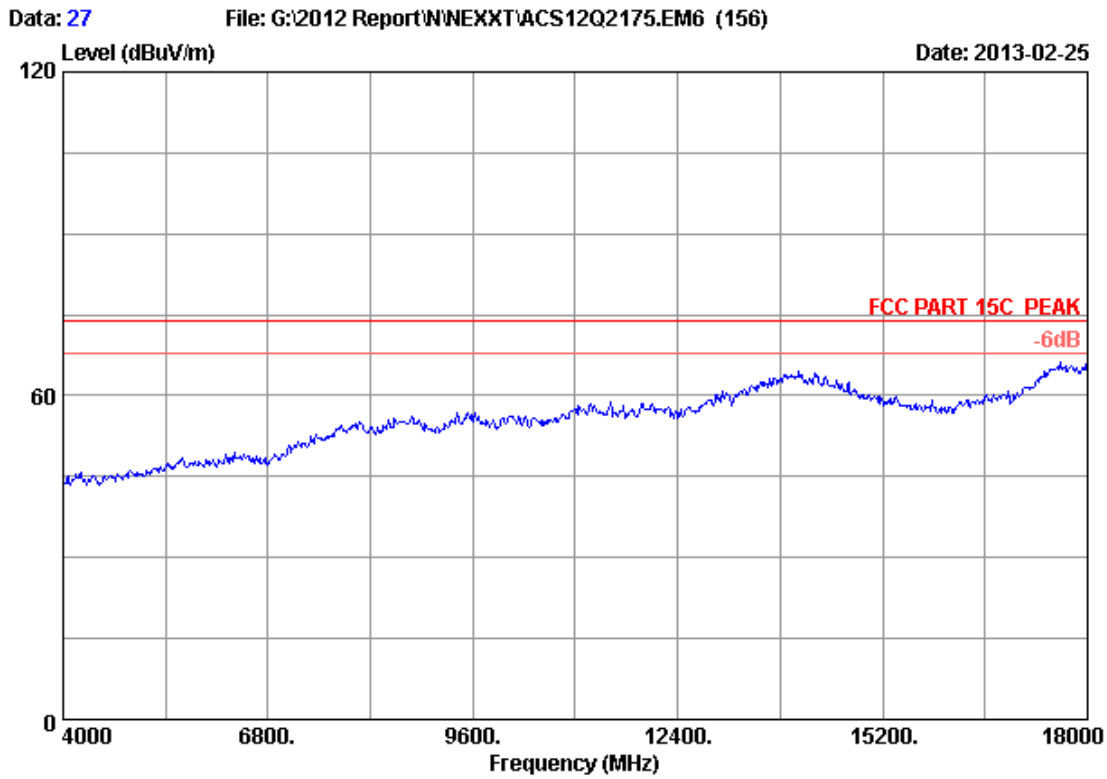
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



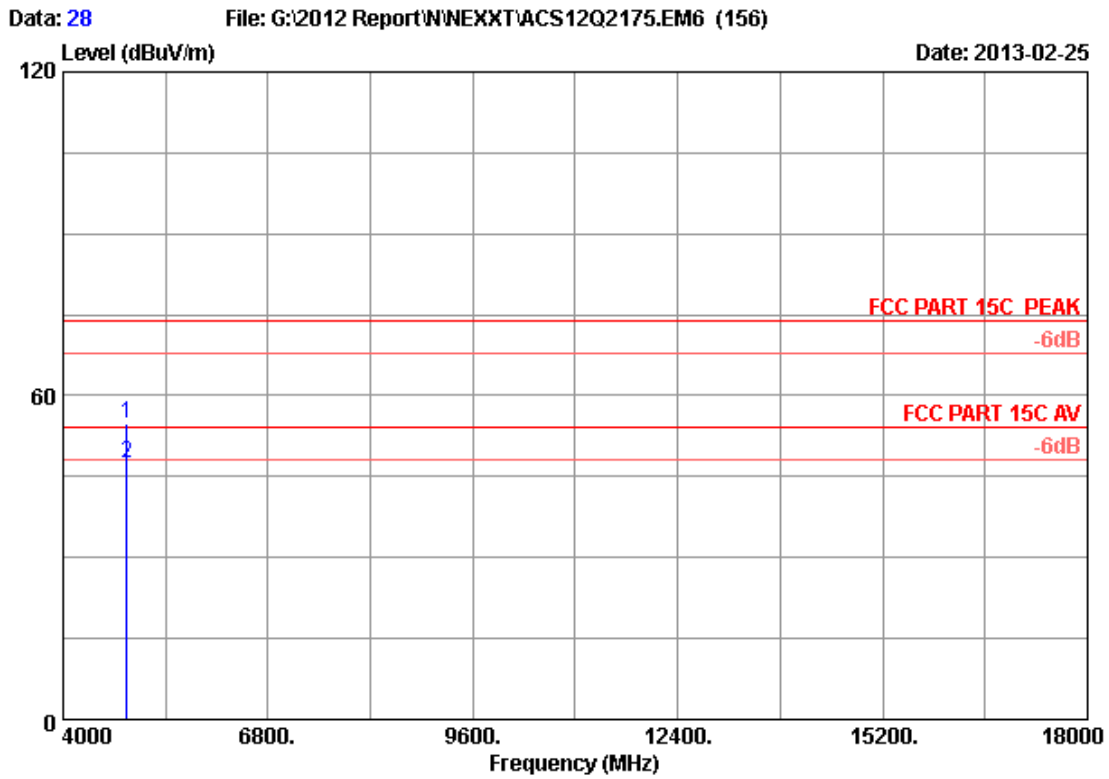
Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2236.000	29.34	8.37	35.71	50.64	52.64	74.00	21.36	Peak
2	2320.000	29.40	8.52	36.06	51.78	53.64	74.00	20.36	Peak
3	2437.000	29.47	8.77	36.06	113.34	115.52	74.00	-41.52	Peak

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



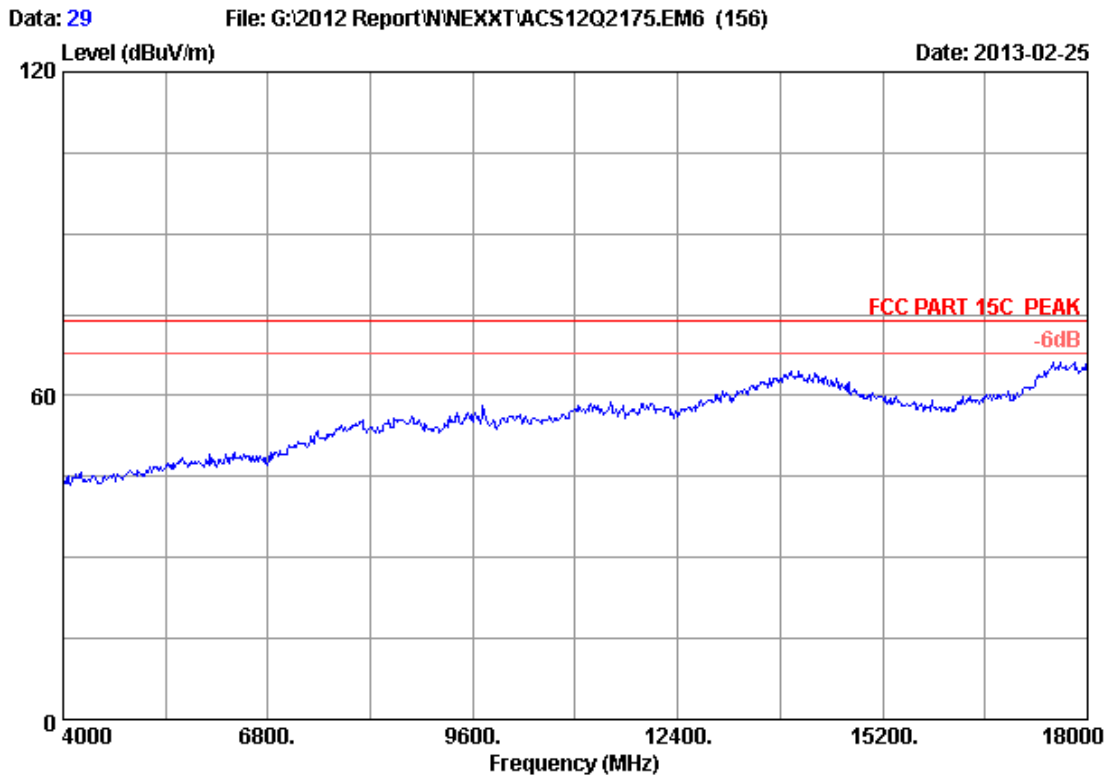

```
Site no.      : 3m Chamber                Data no.   : 27
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



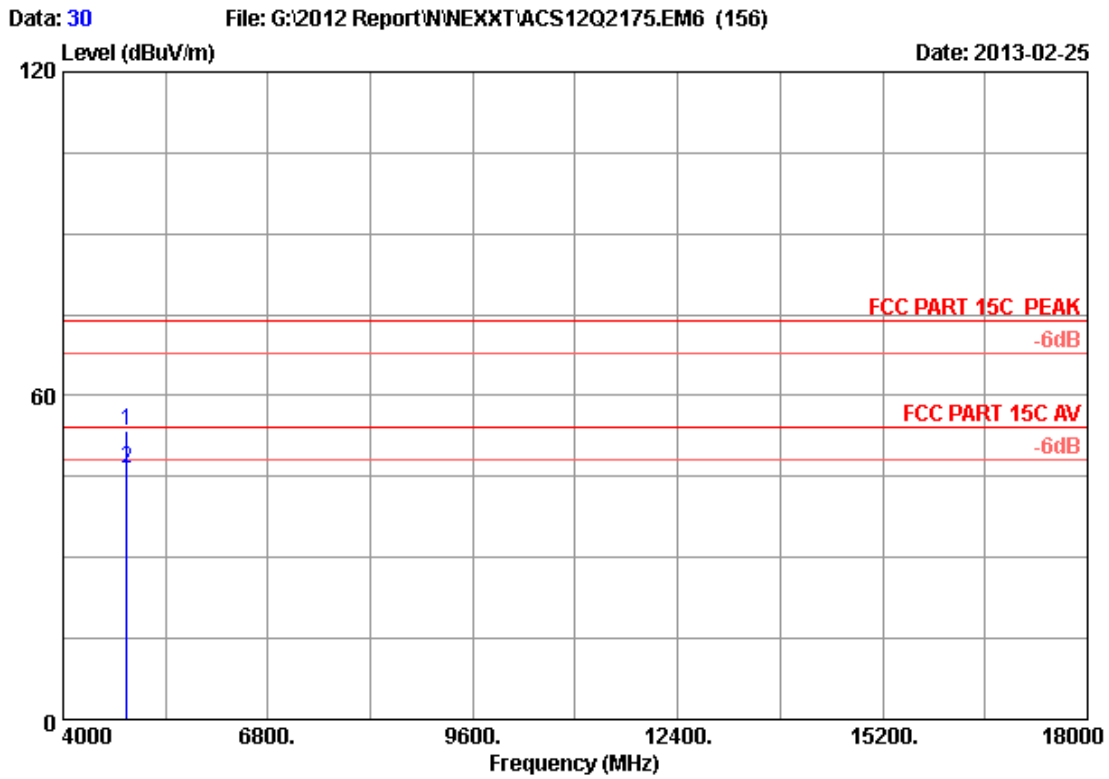
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	43.34	54.83	74.00	19.17	Peak
2	4874.000	34.41	12.44	35.36	36.13	47.62	54.00	6.38	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.



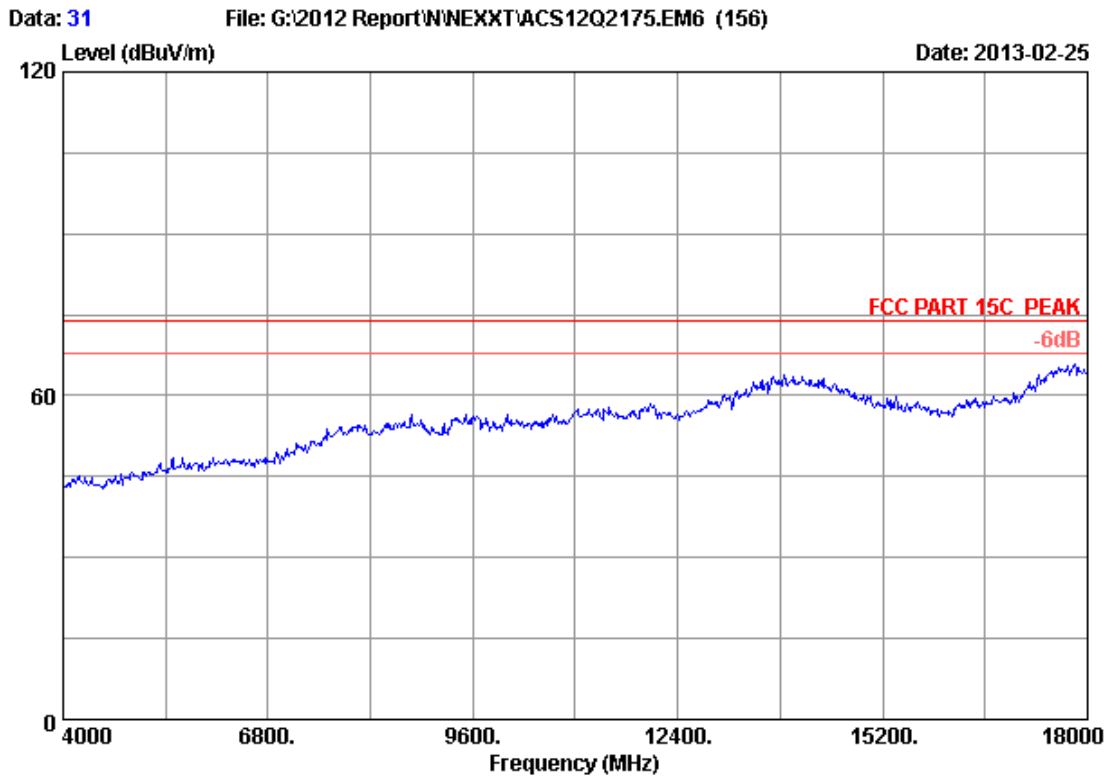

```
Site no.      : 3m Chamber                Data no.   : 29
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



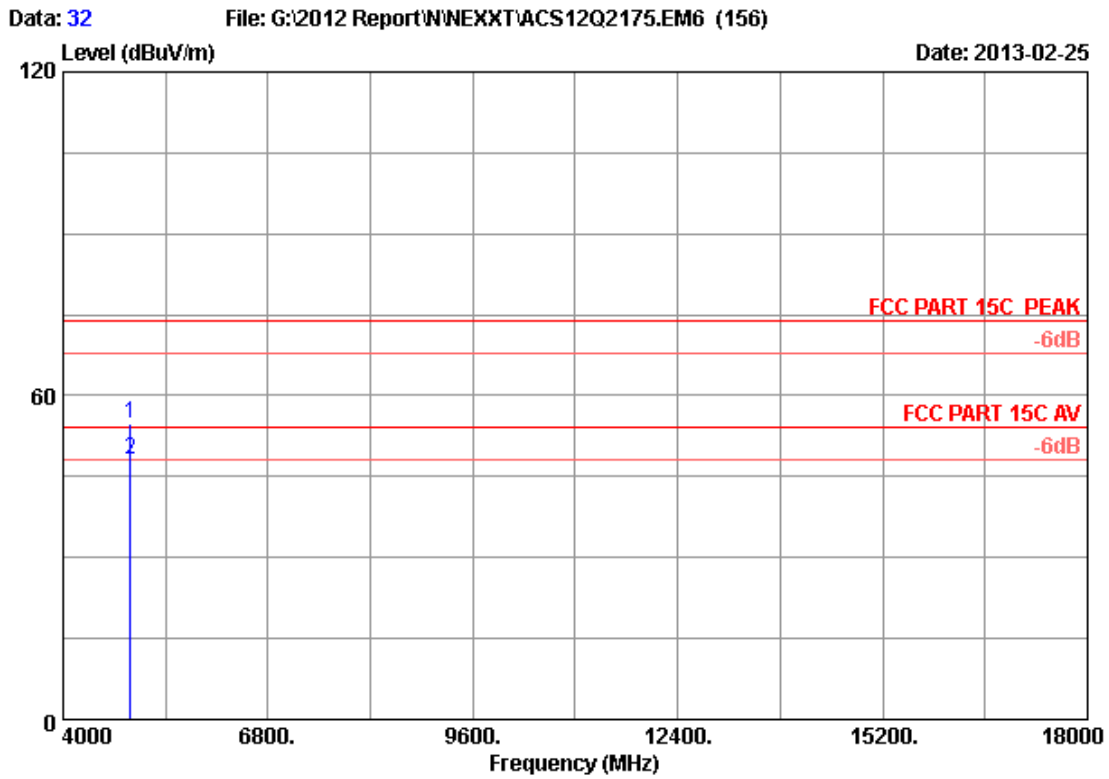
Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	42.09	53.58	74.00	20.42	Peak
2	4874.000	34.41	12.44	35.36	34.94	46.43	54.00	7.57	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.



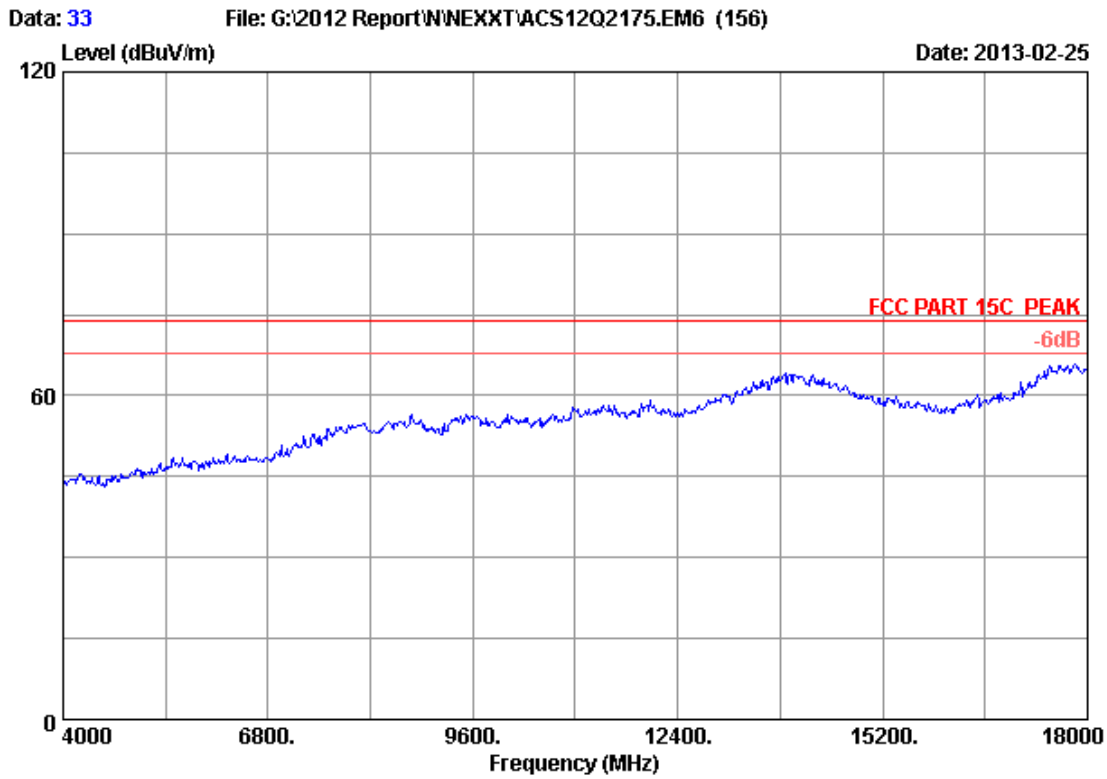

```
Site no.      : 3m Chamber                Data no.   : 31
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



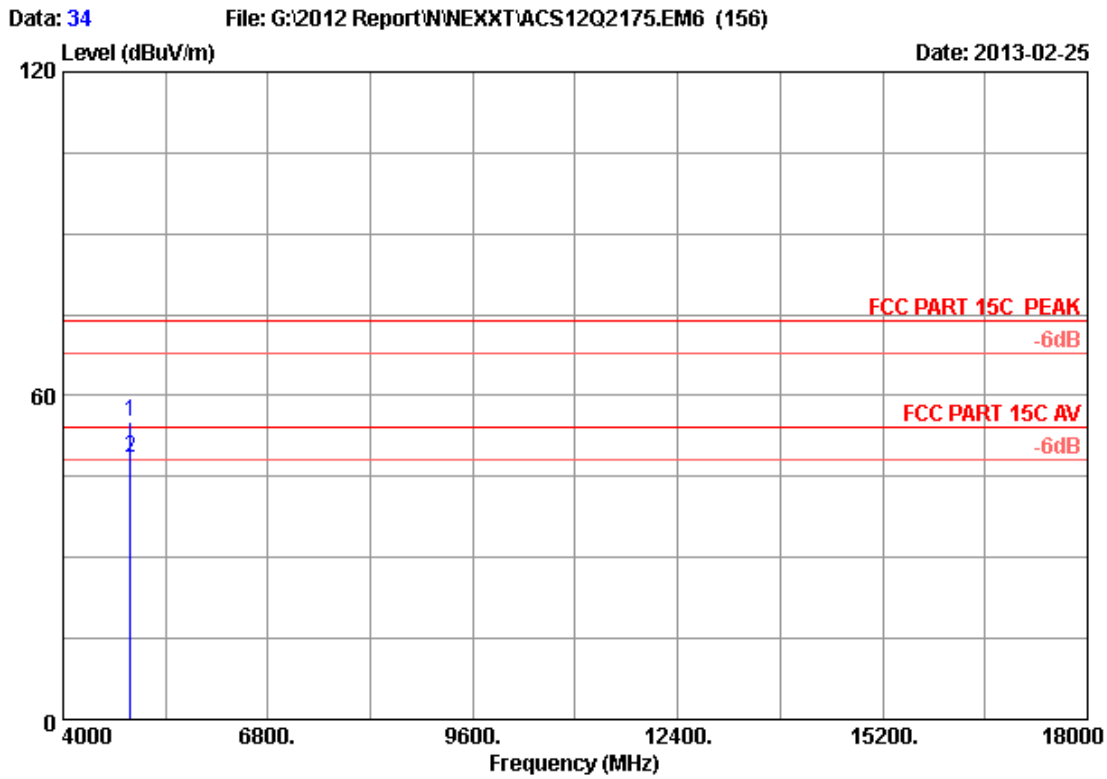
Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	36.52	48.17	54.00	5.83	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.



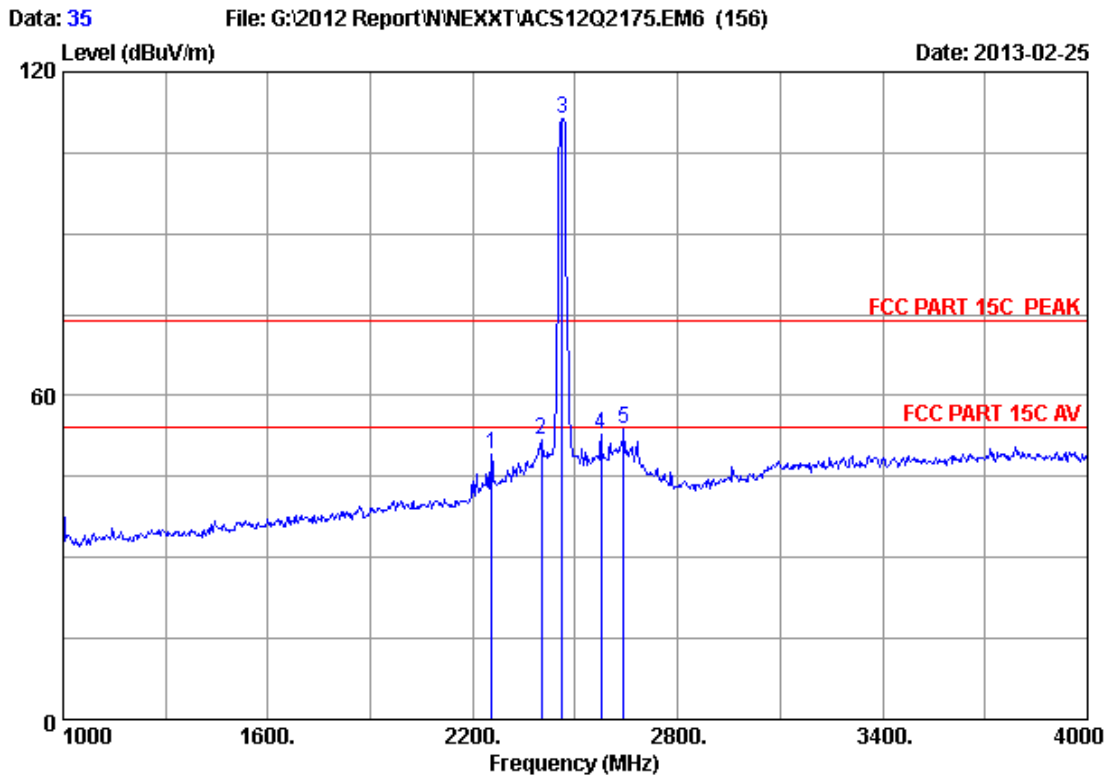

```
Site no.      : 3m Chamber                Data no.   : 33
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_VERTICAL
```



Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	43.65	55.30	74.00	18.70	Peak
2	4924.000	34.49	12.50	35.34	36.87	48.52	54.00	5.48	Average

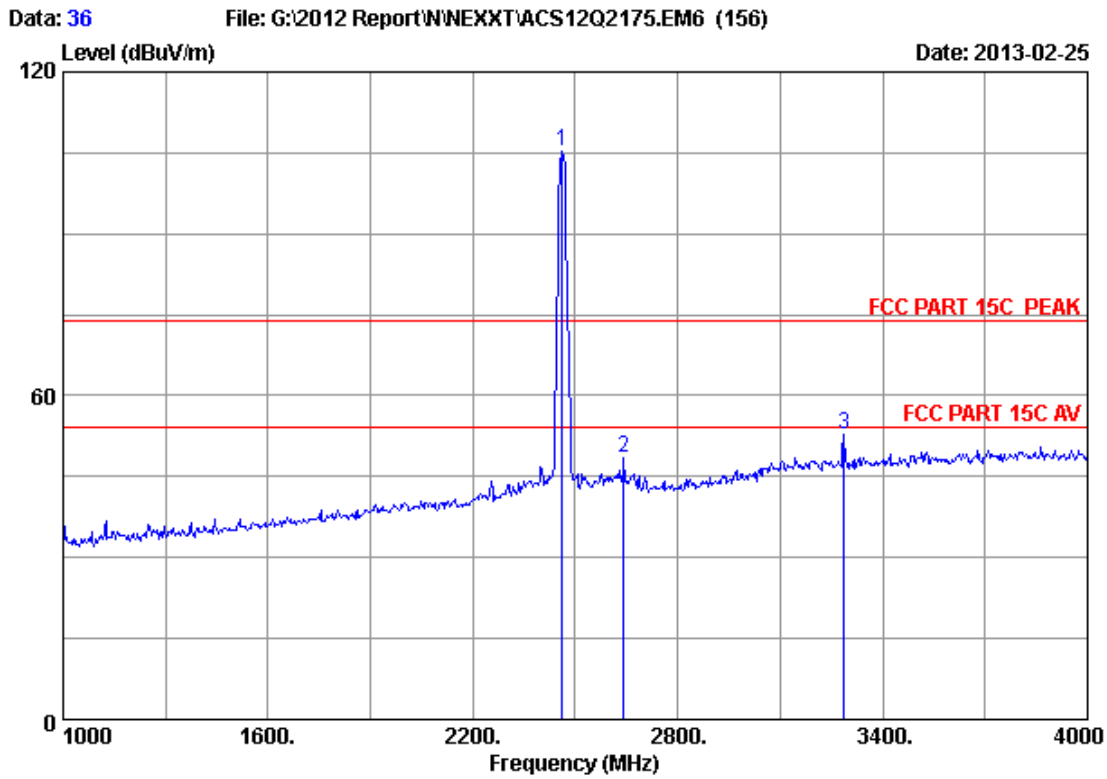
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 35
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2254.000	29.36	8.42	35.85	47.21	49.14	74.00	24.86	Peak
2	2401.000	29.44	8.72	36.09	49.71	51.78	74.00	22.22	Peak
3	2462.000	29.48	8.82	36.02	109.16	111.44	74.00	-37.44	Peak
4	2575.000	29.92	9.07	35.78	49.60	52.81	74.00	21.19	Peak
5	2641.000	30.25	9.17	35.77	50.15	53.80	74.00	20.20	Peak

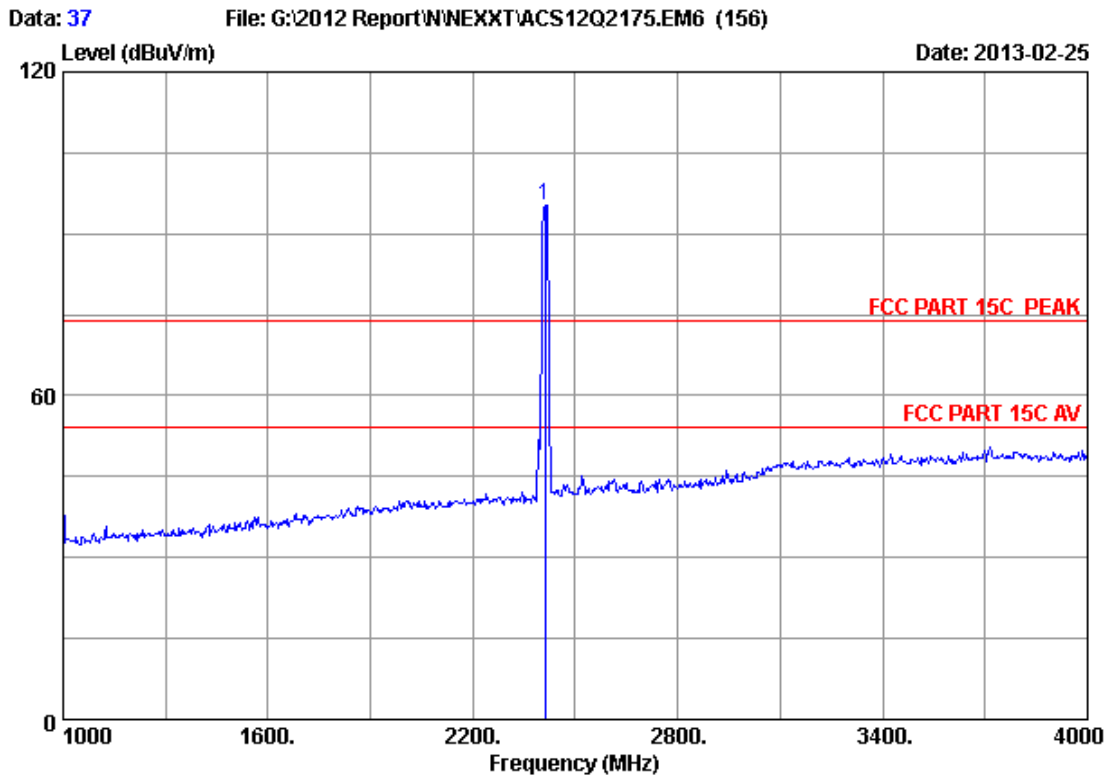
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	103.15	105.43	74.00	-31.43	Peak
2	2641.000	30.25	9.17	35.77	44.88	48.53	74.00	25.47	Peak
3	3286.000	32.72	10.32	35.79	45.64	52.89	74.00	21.11	Peak

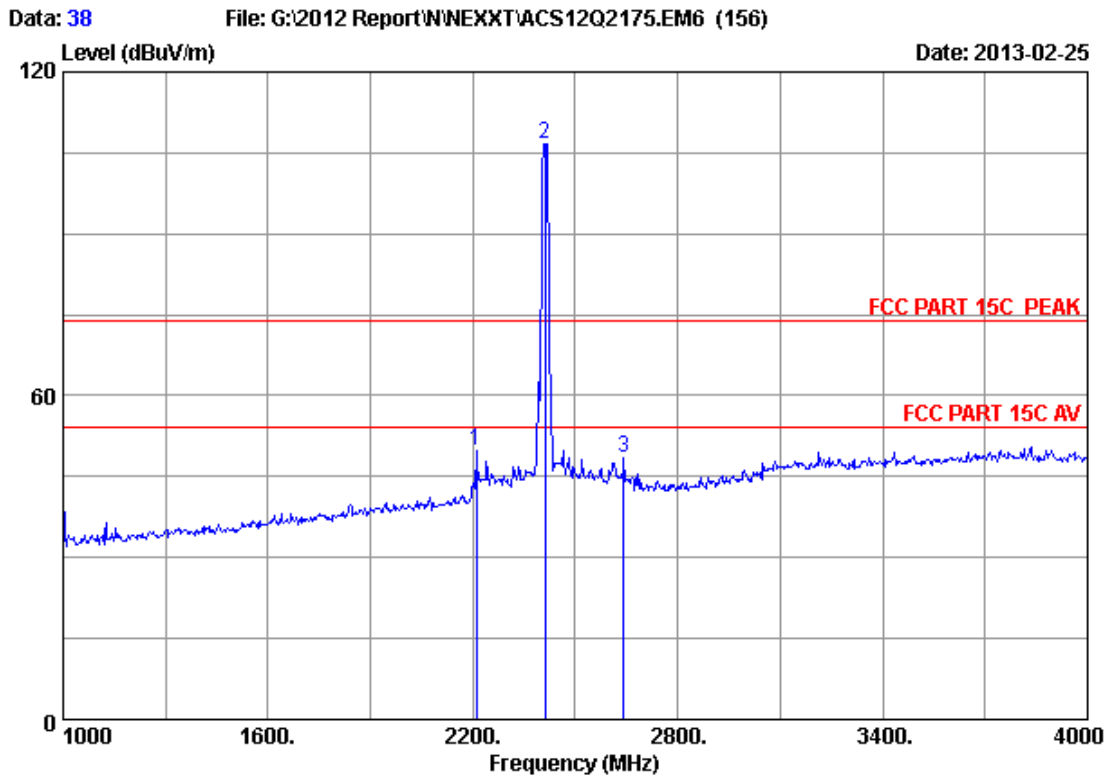
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	93.19	95.41	74.00	-21.41	Peak

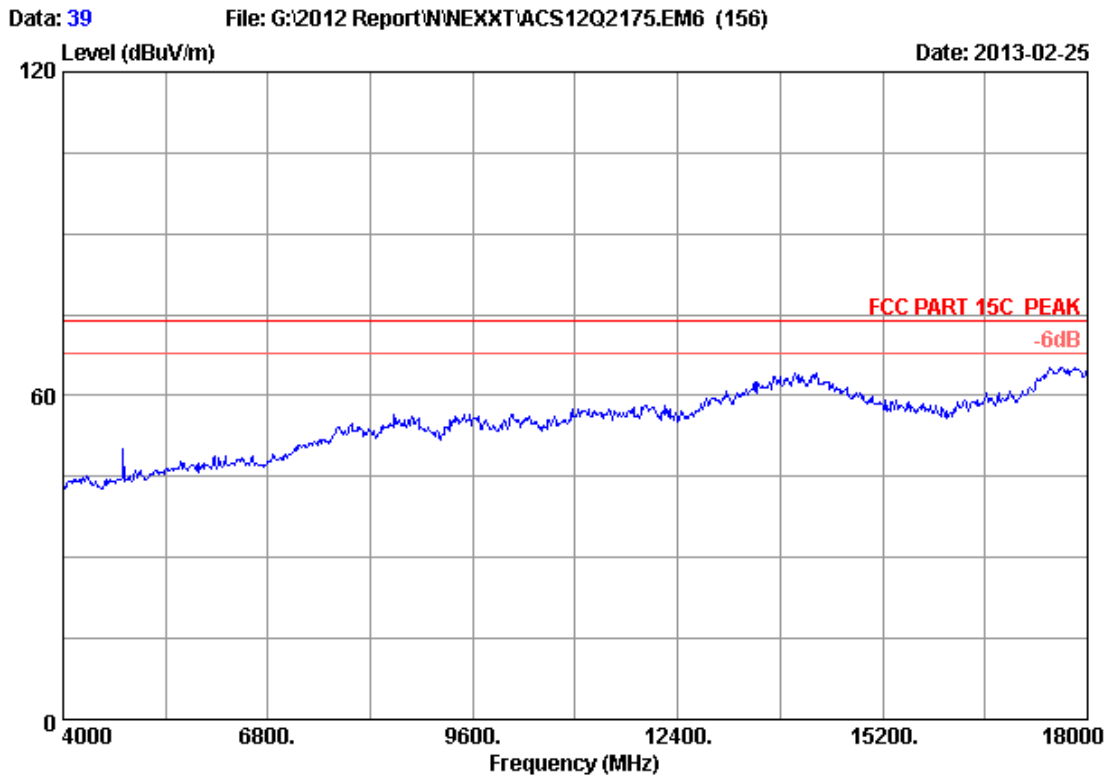
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2209.000	29.32	8.32	36.02	48.08	49.70	74.00	24.30	Peak
2	2412.000	29.45	8.72	35.95	104.49	106.71	74.00	-32.71	Peak
3	2641.000	30.25	9.17	35.77	44.78	48.43	74.00	25.57	Peak

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




```
Site no.      : 3m Chamber                Data no.   : 39
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
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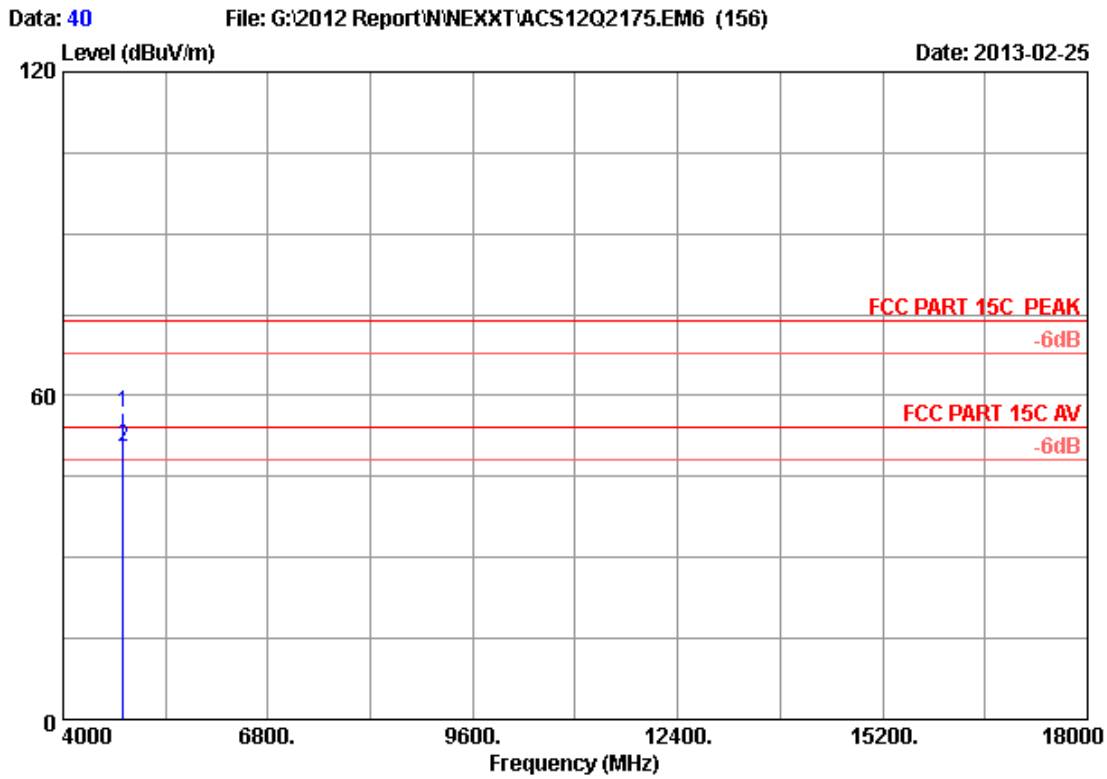
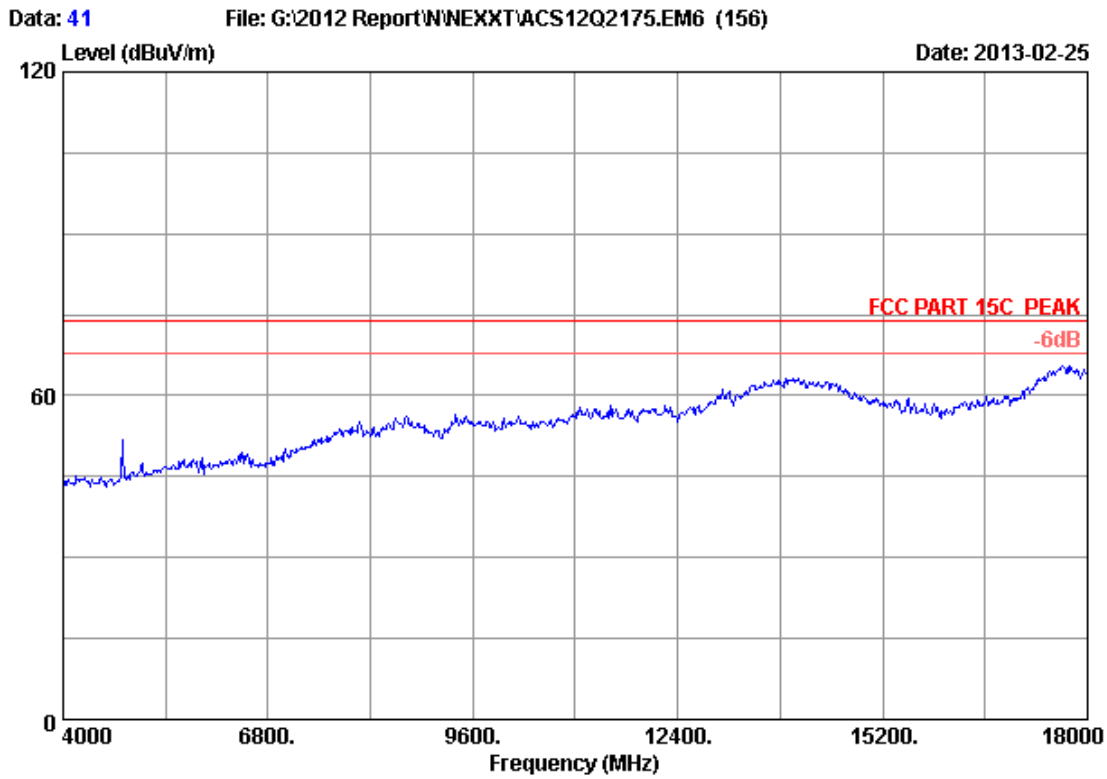


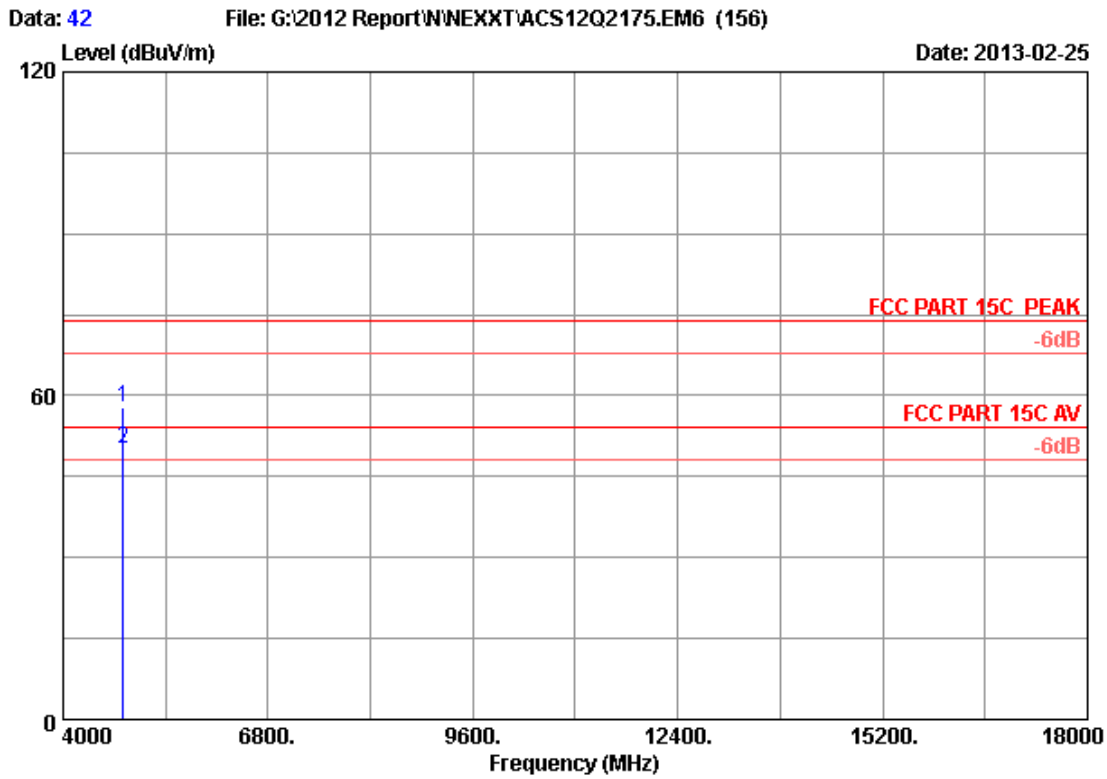
Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	45.35	56.80	74.00	17.20	Peak
2	4824.000	34.32	12.38	35.25	38.95	50.40	54.00	3.60	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.



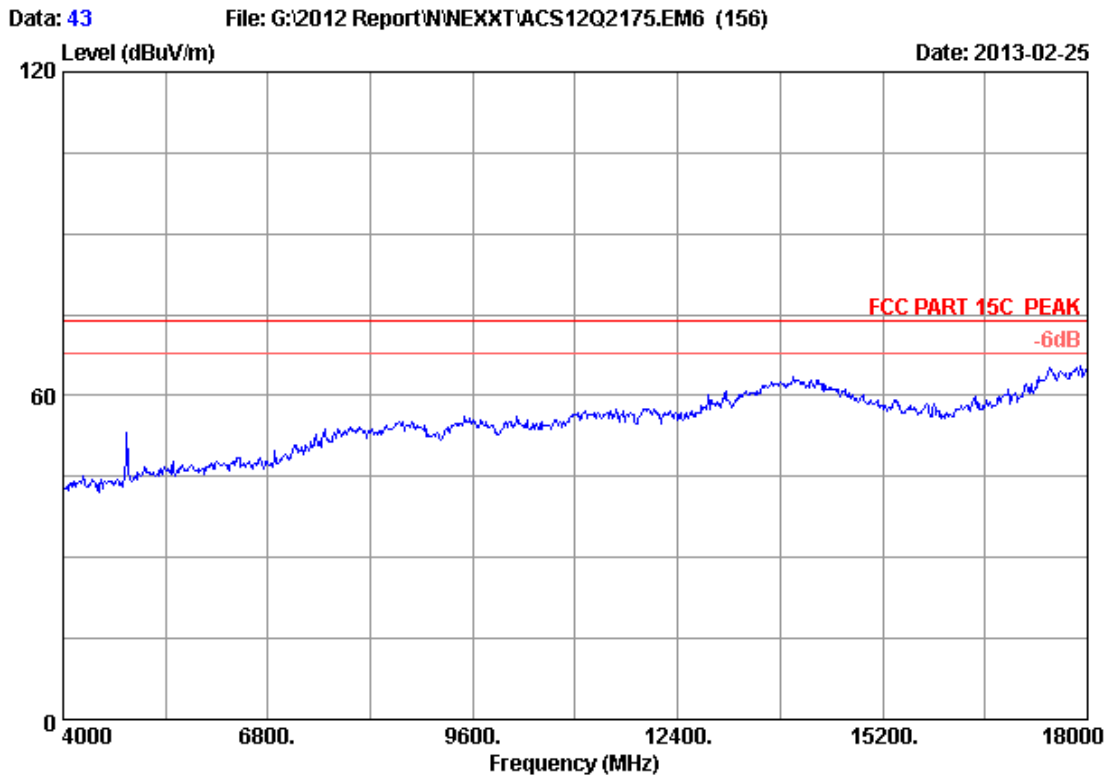

```
Site no.      : 3m Chamber                Data no.   : 41
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



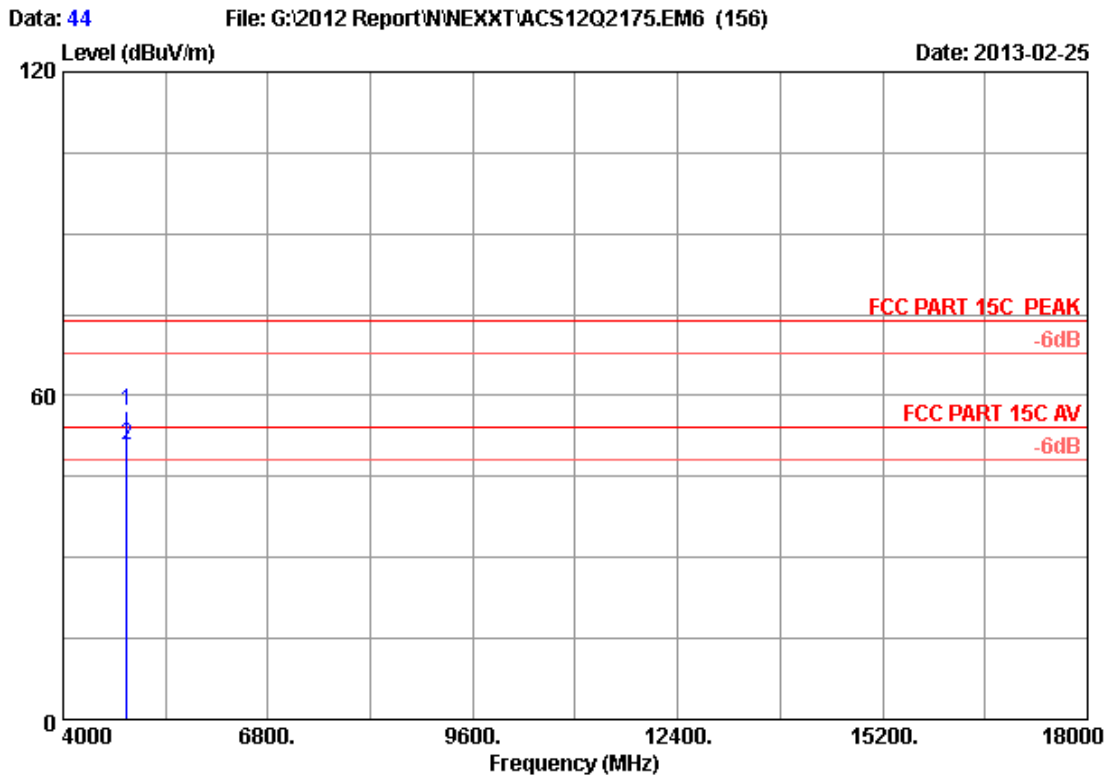
Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	46.27	57.72	74.00	16.28	Peak
2	4824.000	34.32	12.38	35.25	38.85	50.30	54.00	3.70	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.



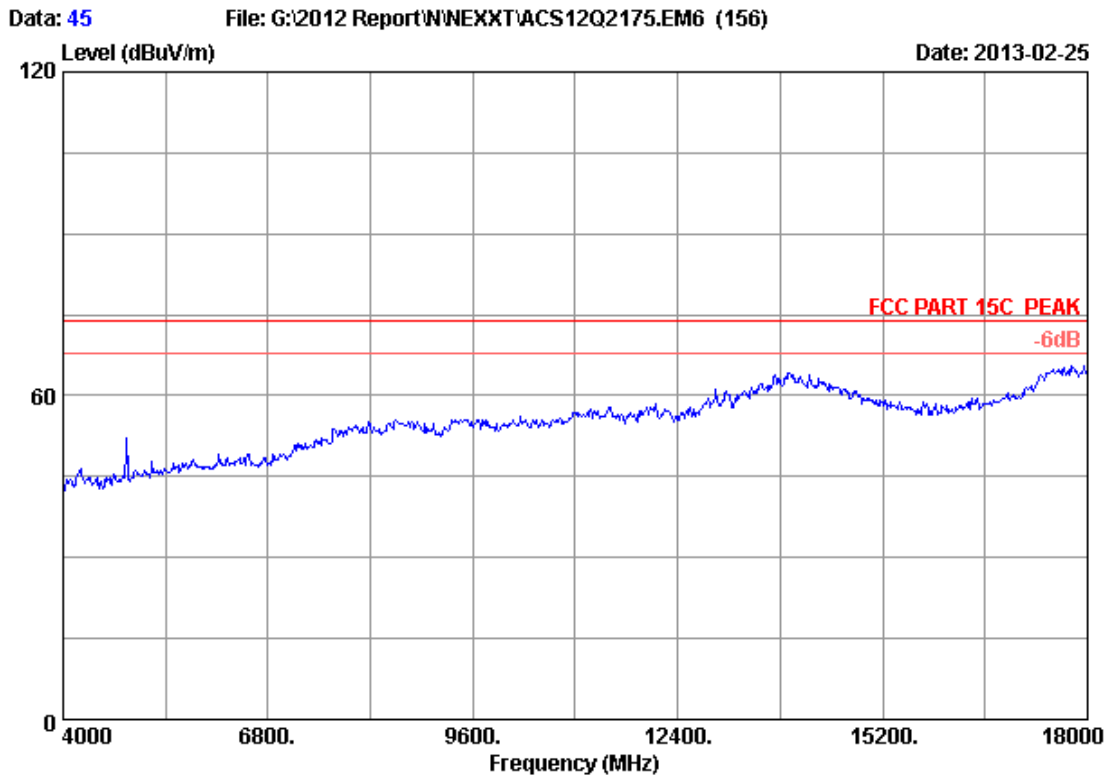

```
Site no.      : 3m Chamber                Data no.   : 43
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



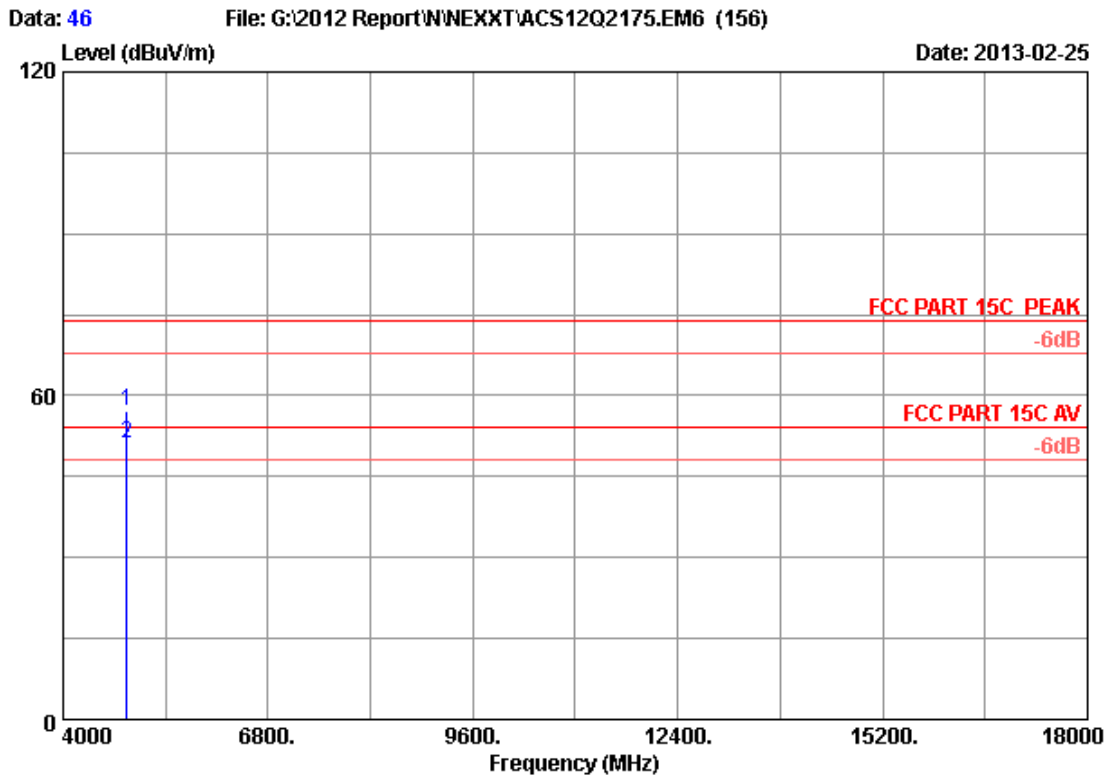
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	45.54	57.03	74.00	16.97	Peak
2	4874.000	34.41	12.44	35.36	39.27	50.76	54.00	3.24	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.



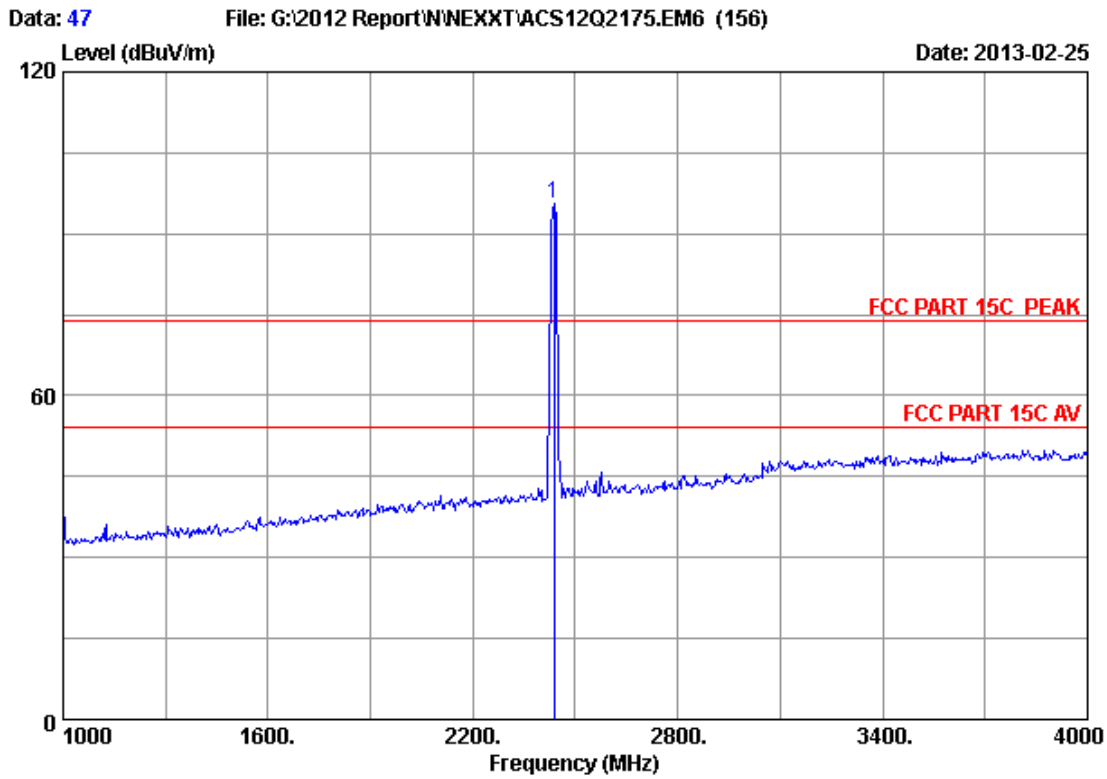

```
Site no.      : 3m Chamber                Data no.   : 45
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	45.70	57.19	74.00	16.81	Peak
2	4874.000	34.41	12.44	35.36	39.49	50.98	54.00	3.02	Average

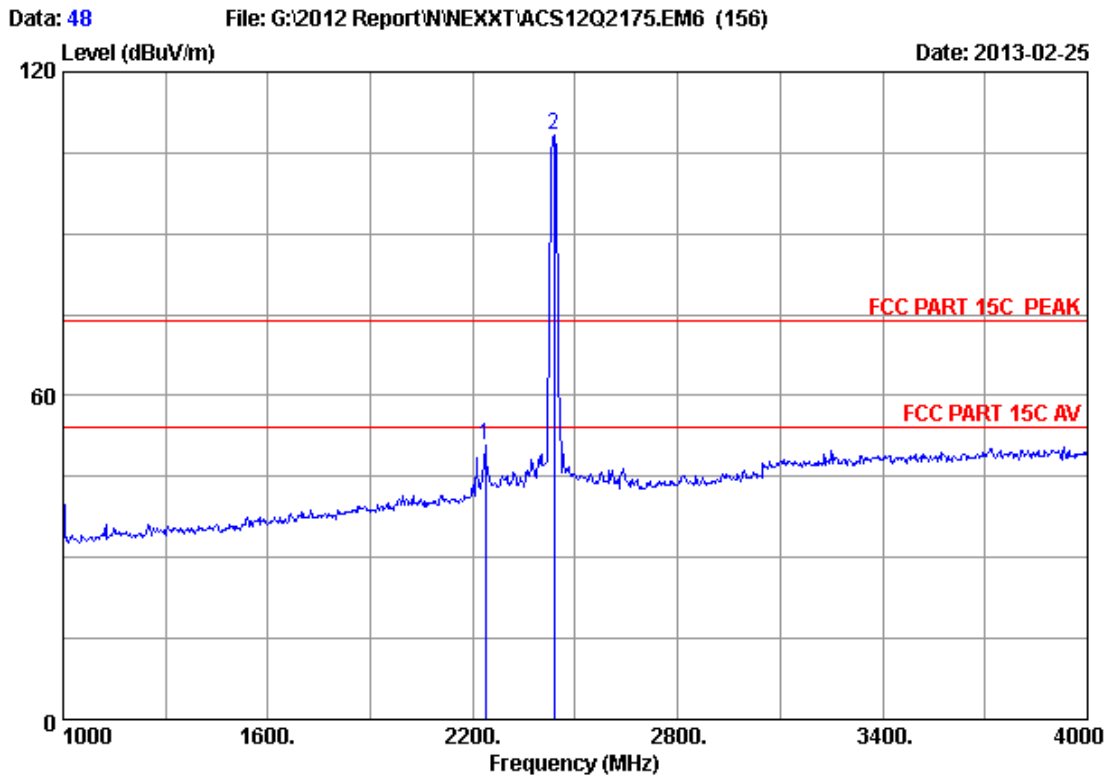
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	93.51	95.69	74.00	-21.69	Peak

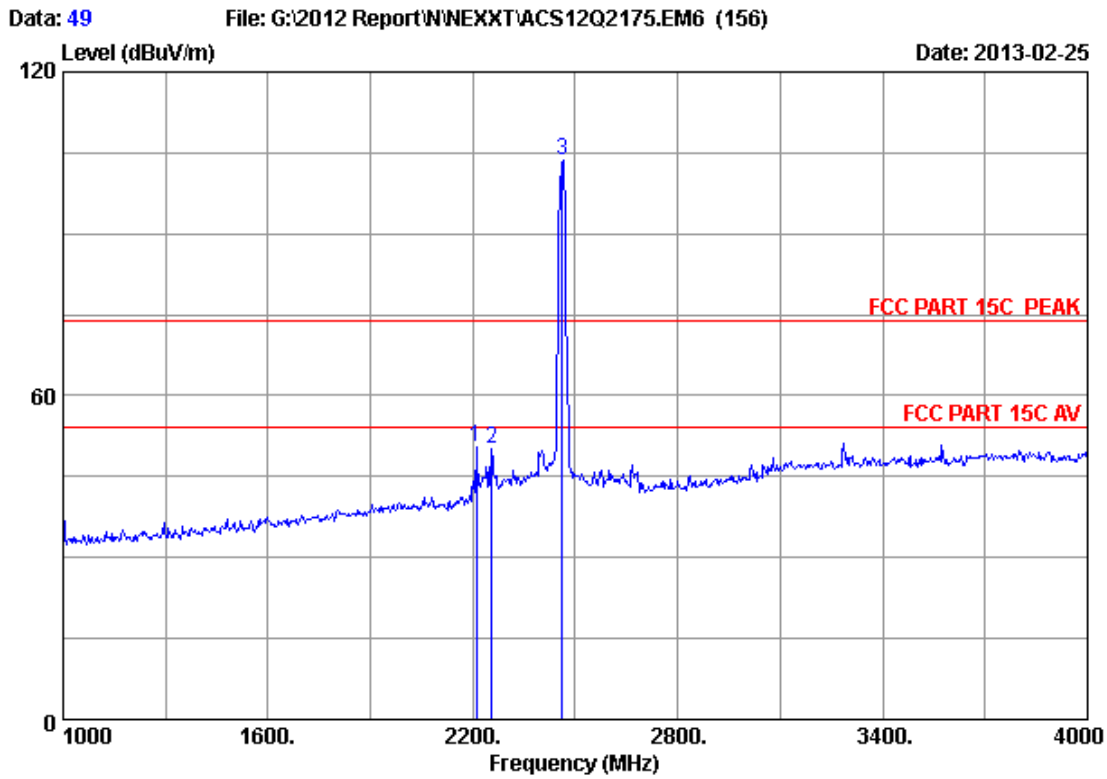
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2236.000	29.34	8.37	35.71	48.86	50.86	74.00	23.14	Peak
2	2437.000	29.47	8.77	36.06	105.98	108.16	74.00	-34.16	Peak

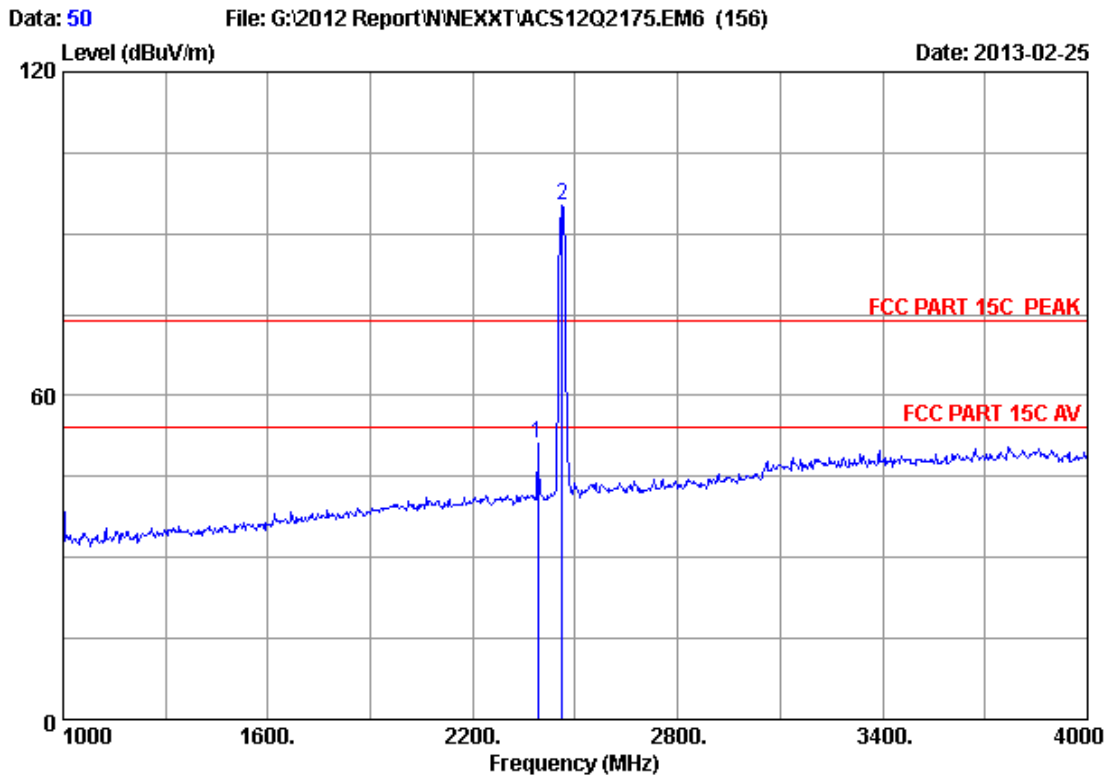
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 49
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2209.000	29.32	8.32	36.02	48.74	50.36	74.00	23.64	Peak
2	2254.000	29.36	8.42	35.85	48.07	50.00	74.00	24.00	Peak
3	2462.000	29.48	8.82	36.02	101.25	103.53	74.00	-29.53	Peak

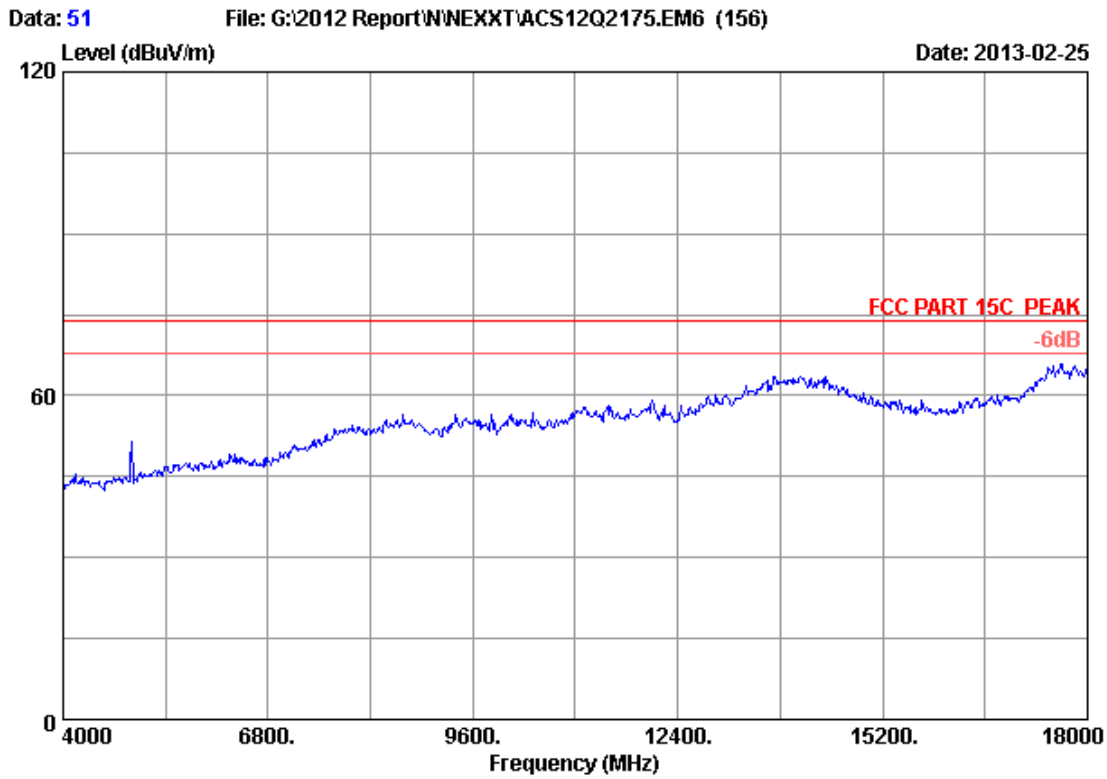
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



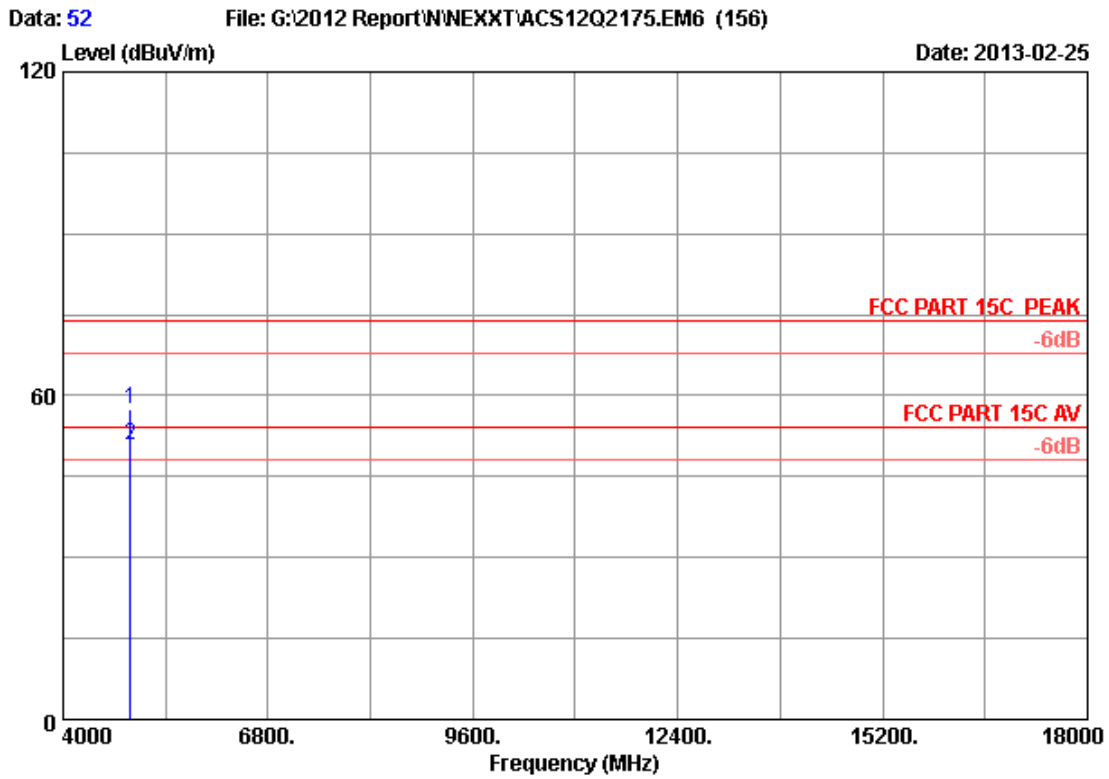
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2389.000	29.44	8.67	36.09	48.98	51.00	74.00	23.00	Peak
2	2462.000	29.48	8.82	36.02	93.12	95.40	74.00	-21.40	Peak

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



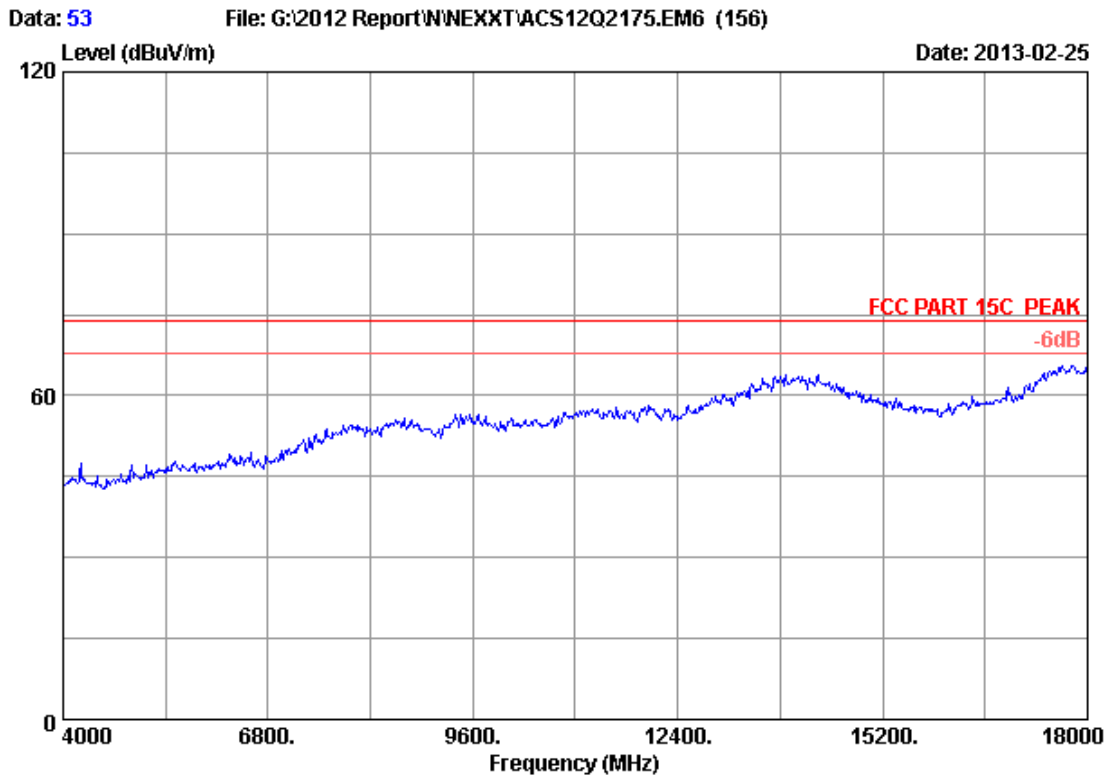

```
Site no.      : 3m Chamber                Data no.   : 51
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



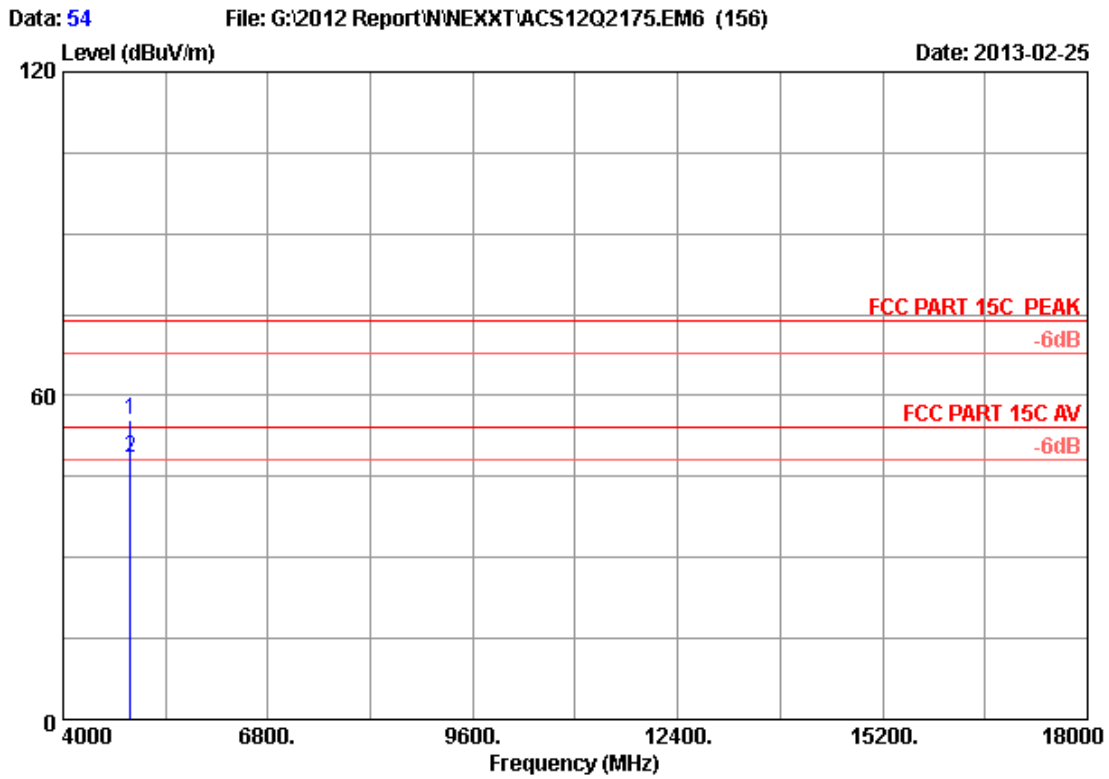
Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	45.90	57.55	74.00	16.45	Peak
2	4924.000	34.49	12.50	35.34	39.29	50.94	54.00	3.06	Average

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



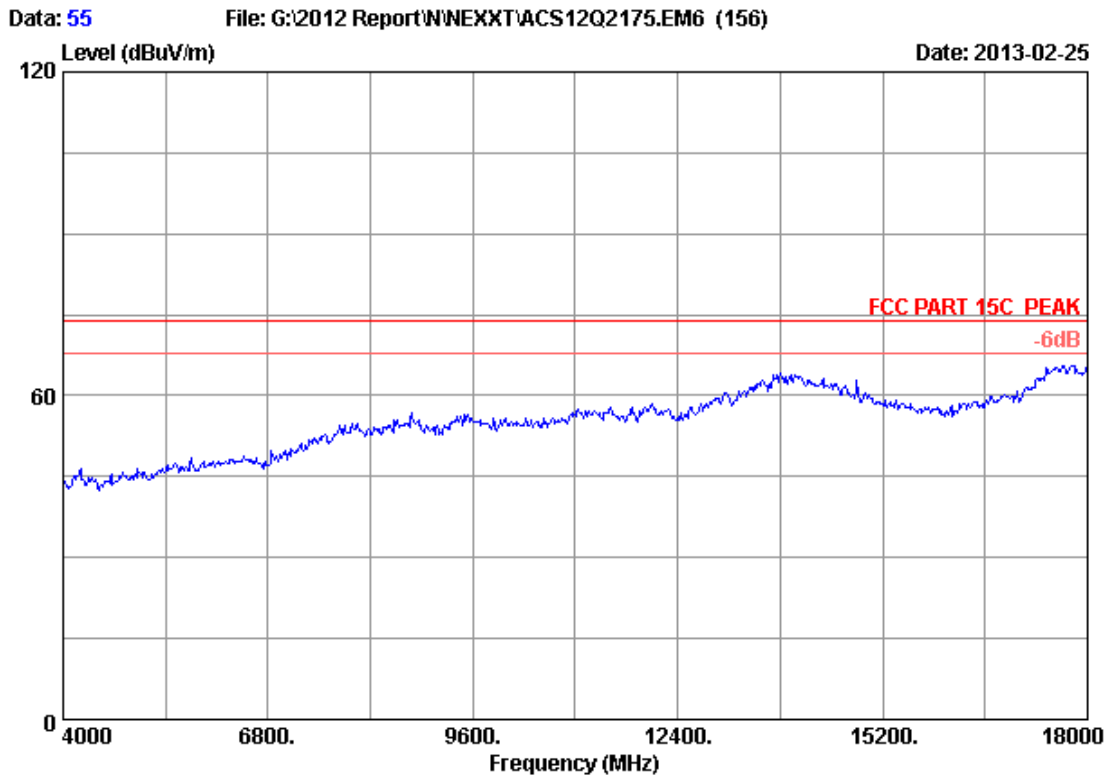

```
Site no.      : 3m Chamber                Data no.   : 53
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



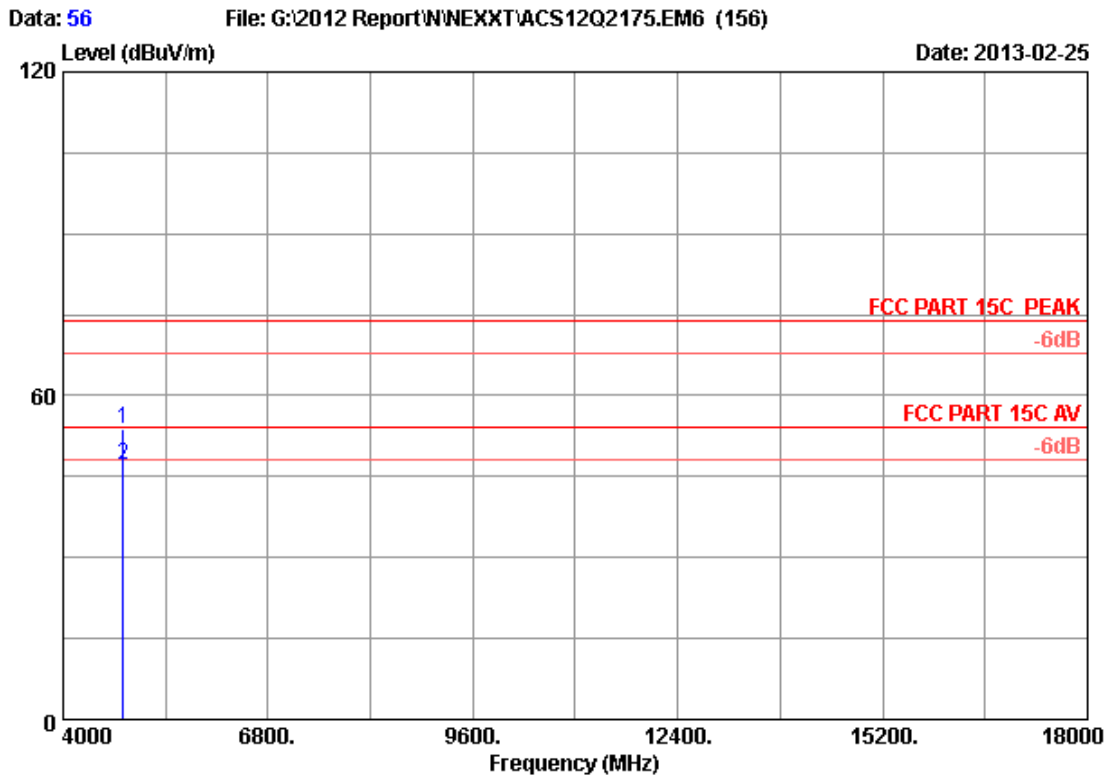
Site no. : 3m Chamber Data no. : 54
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	43.68	55.33	74.00	18.67	Peak
2	4924.000	34.49	12.50	35.34	36.87	48.52	54.00	5.48	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.



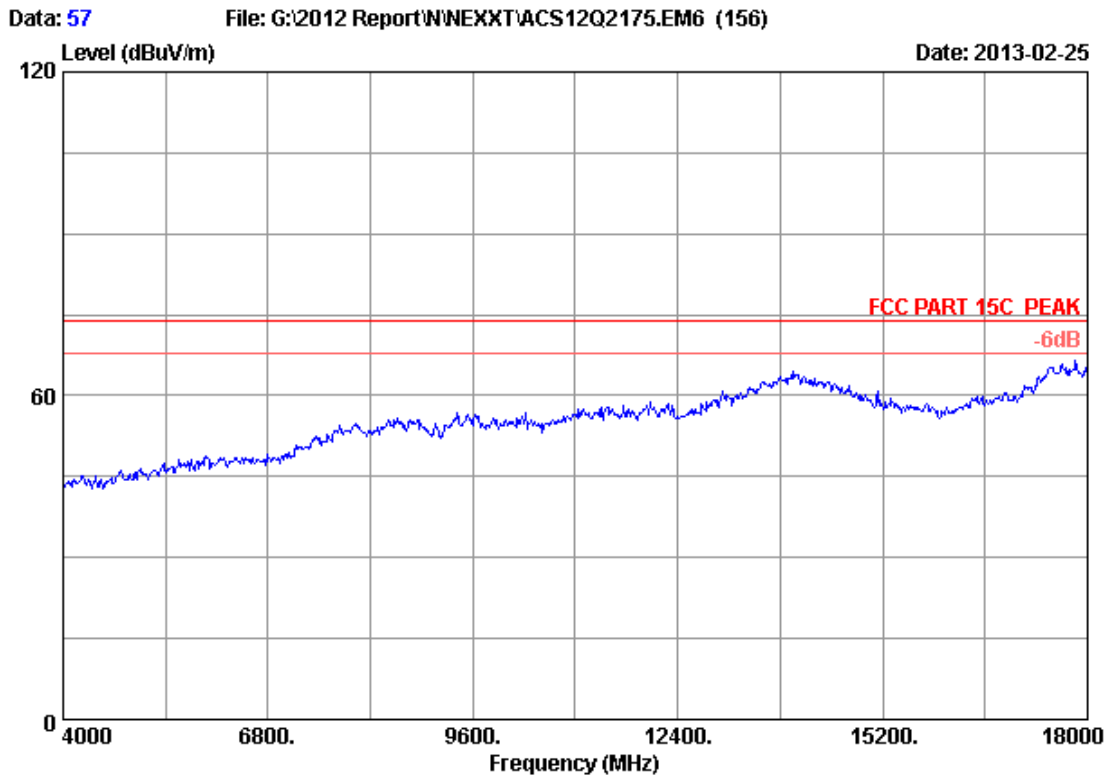

```
Site no.      : 3m Chamber                Data no.   : 55
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



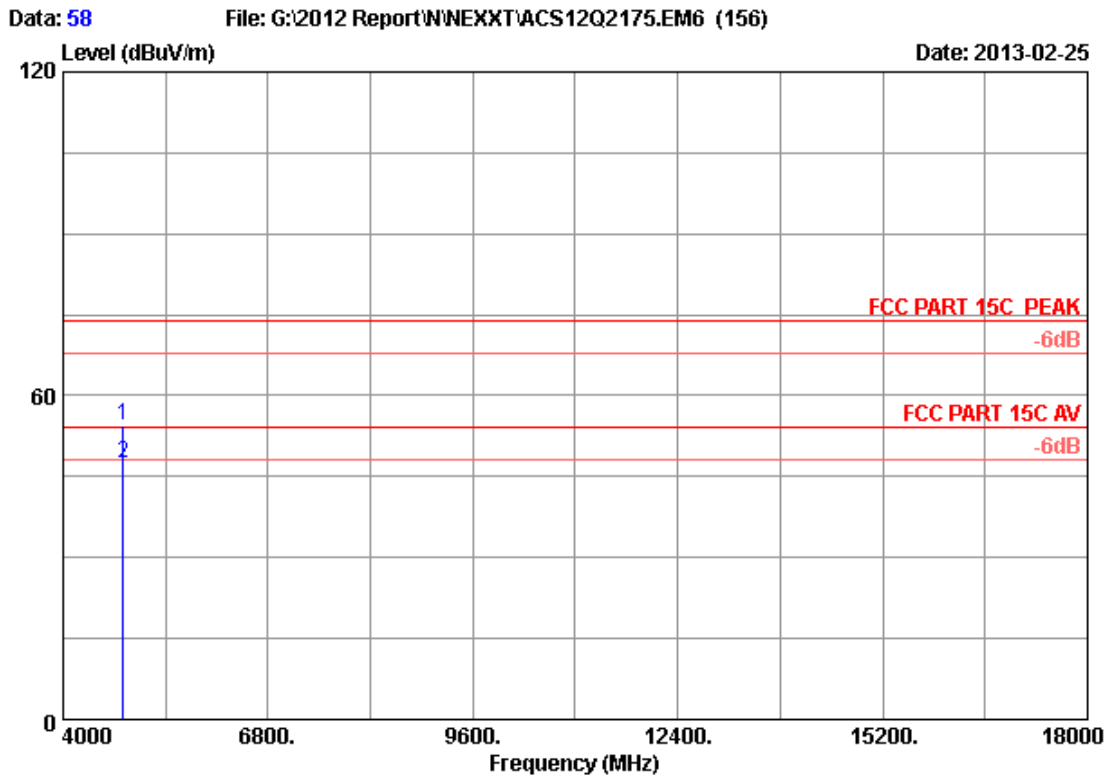
Site no. : 3m Chamber Data no. : 56
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	42.35	53.80	74.00	20.20	Peak
2	4824.000	34.32	12.38	35.25	35.62	47.07	54.00	6.93	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.



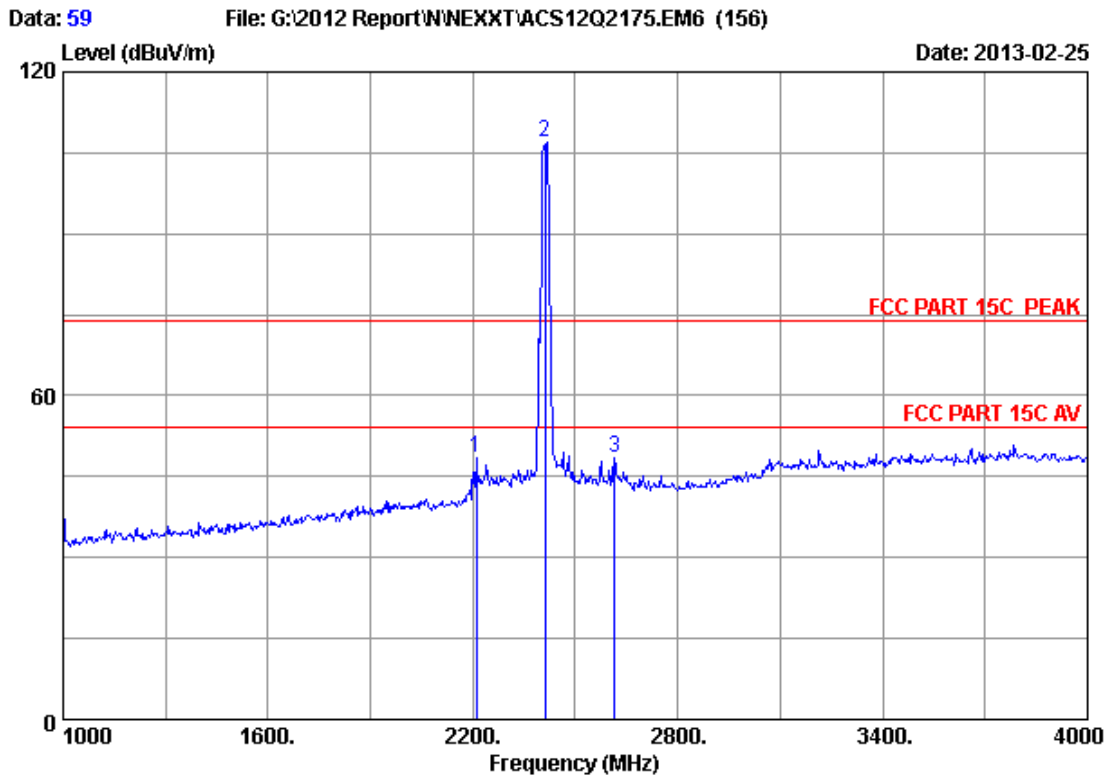

```
Site no.      : 3m Chamber                Data no.   : 57
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	43.00	54.45	74.00	19.55	Peak
2	4824.000	34.32	12.38	35.25	36.04	47.49	54.00	6.51	Average

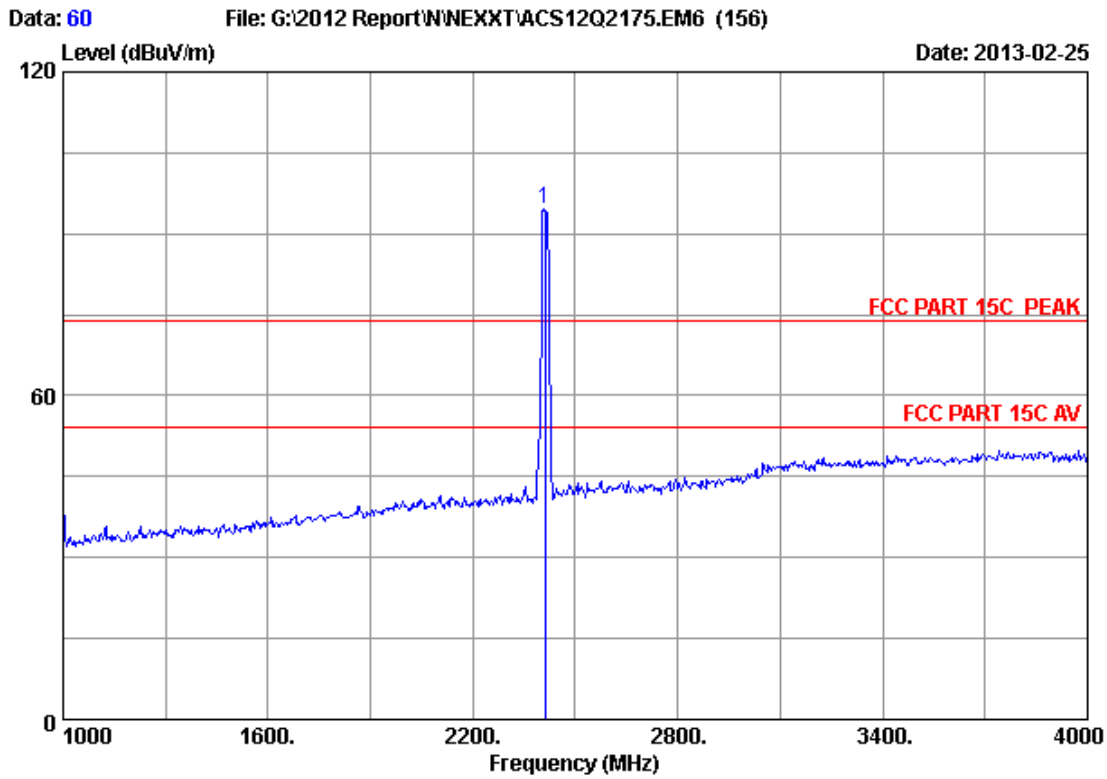
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 59
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2209.000	29.32	8.32	36.02	46.86	48.48	74.00	25.52	Peak
2	2412.000	29.45	8.72	35.95	104.72	106.94	74.00	-32.94	Peak
3	2614.000	30.08	9.12	36.06	45.19	48.33	74.00	25.67	Peak

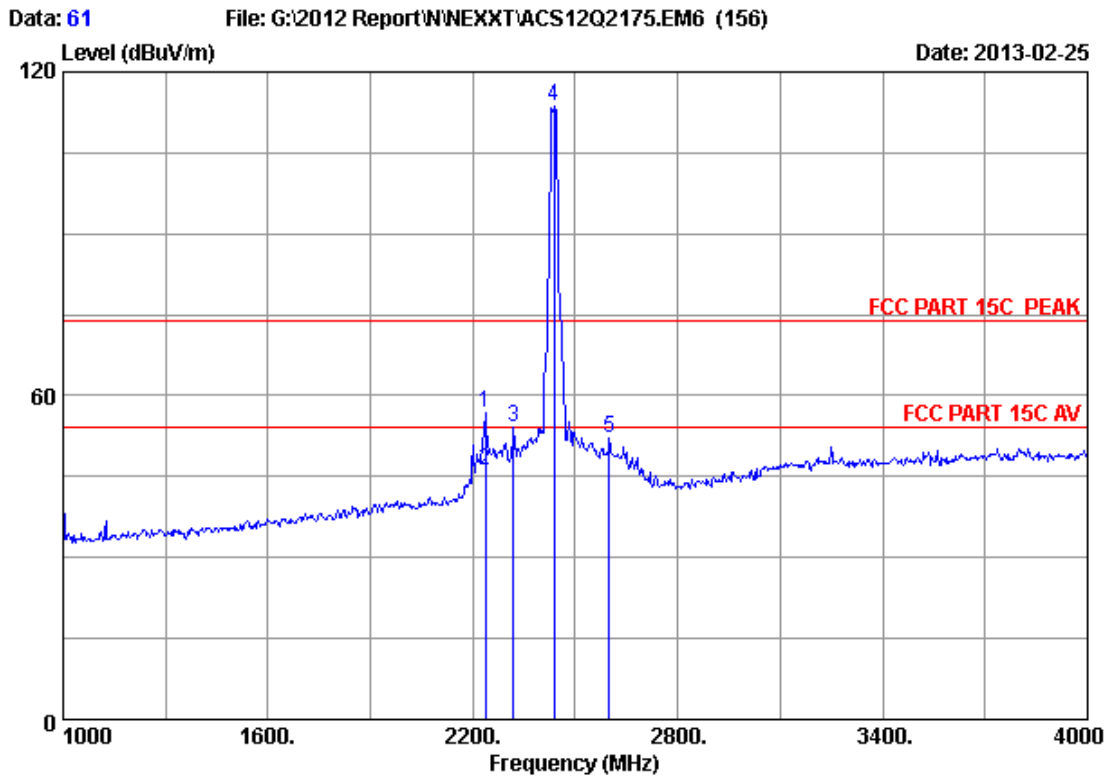
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	92.45	94.67	74.00	-20.67	Peak

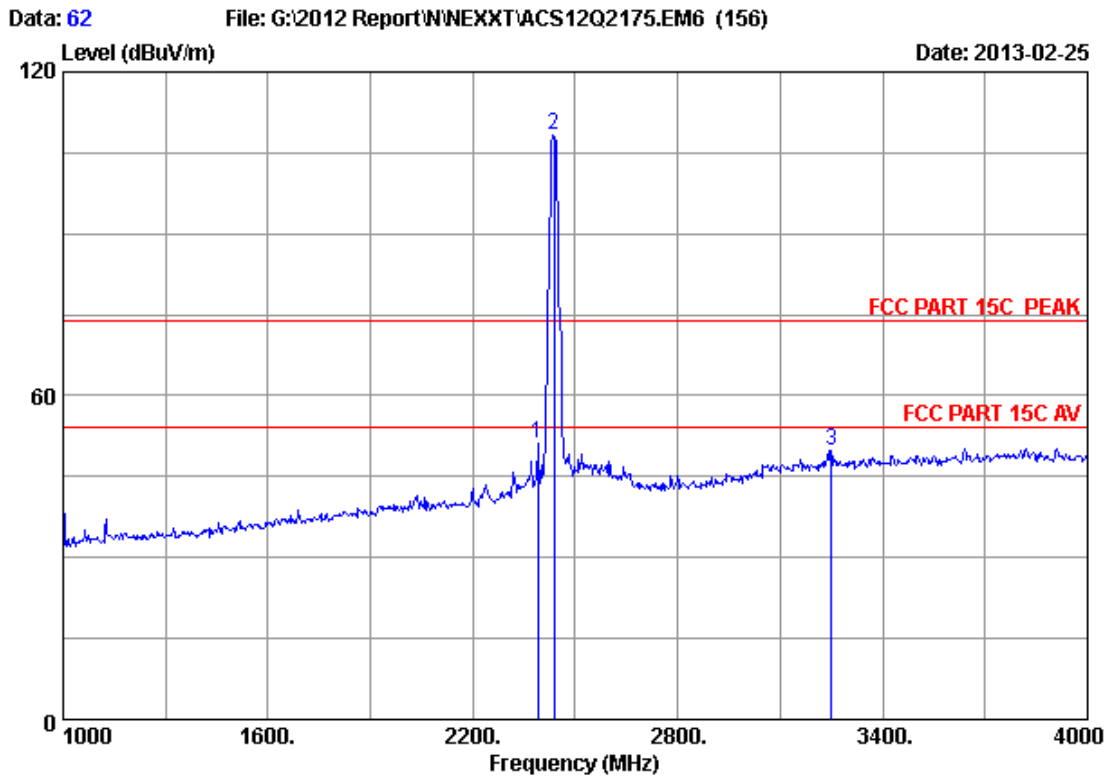
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 61
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2236.000	29.34	8.37	35.71	54.72	56.72	74.00	17.28	Peak
2	2236.000	29.34	8.37	35.71	44.02	46.02	54.00	7.98	Average
3	2320.000	29.40	8.52	36.06	52.44	54.30	74.00	19.70	Peak
4	2437.000	29.47	8.77	36.06	111.37	113.55	74.00	-39.55	Peak
5	2599.000	30.00	9.12	35.92	49.03	52.23	74.00	21.77	Peak

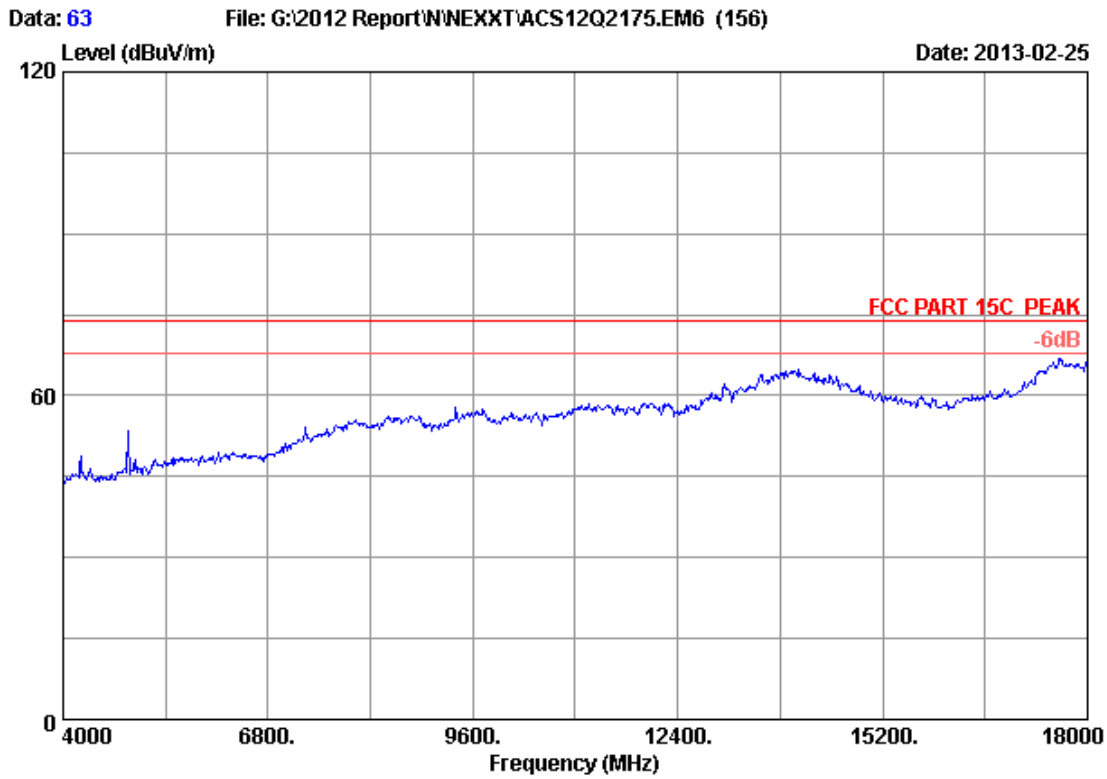
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



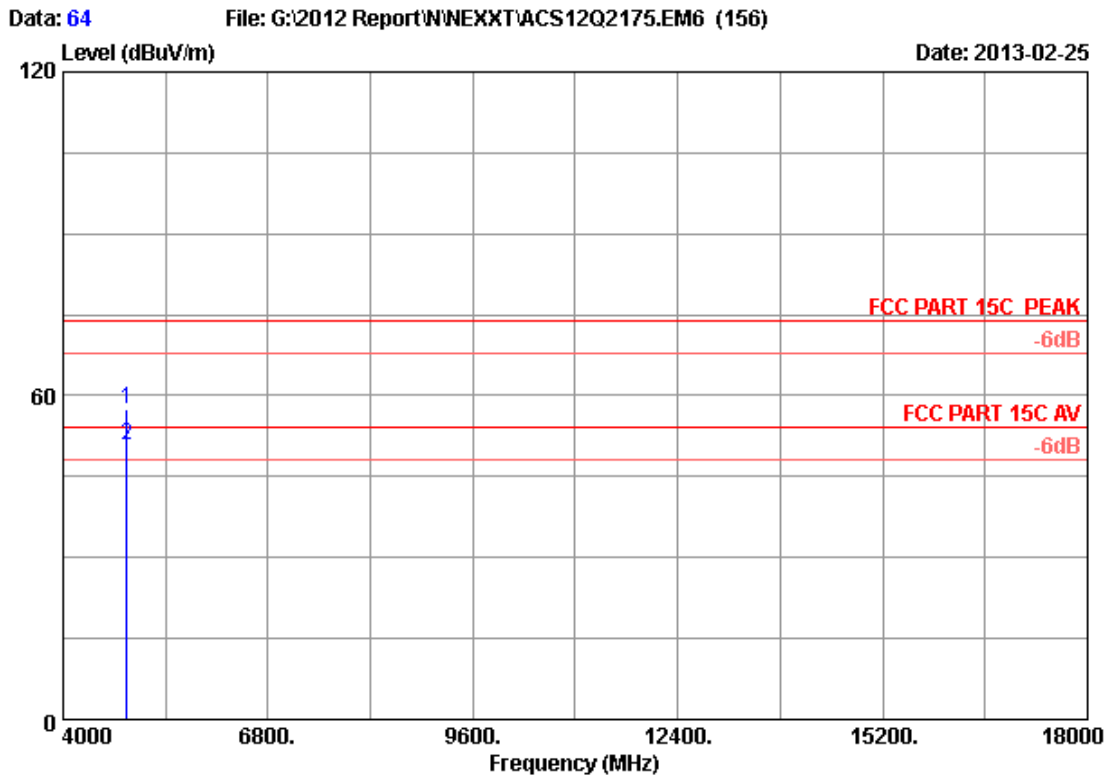
Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2389.000	29.44	8.67	36.09	49.23	51.25	74.00	22.75	Peak
2	2437.000	29.47	8.77	36.06	106.08	108.26	74.00	-34.26	Peak
3	3250.000	32.63	10.28	35.68	42.62	49.85	74.00	24.15	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.



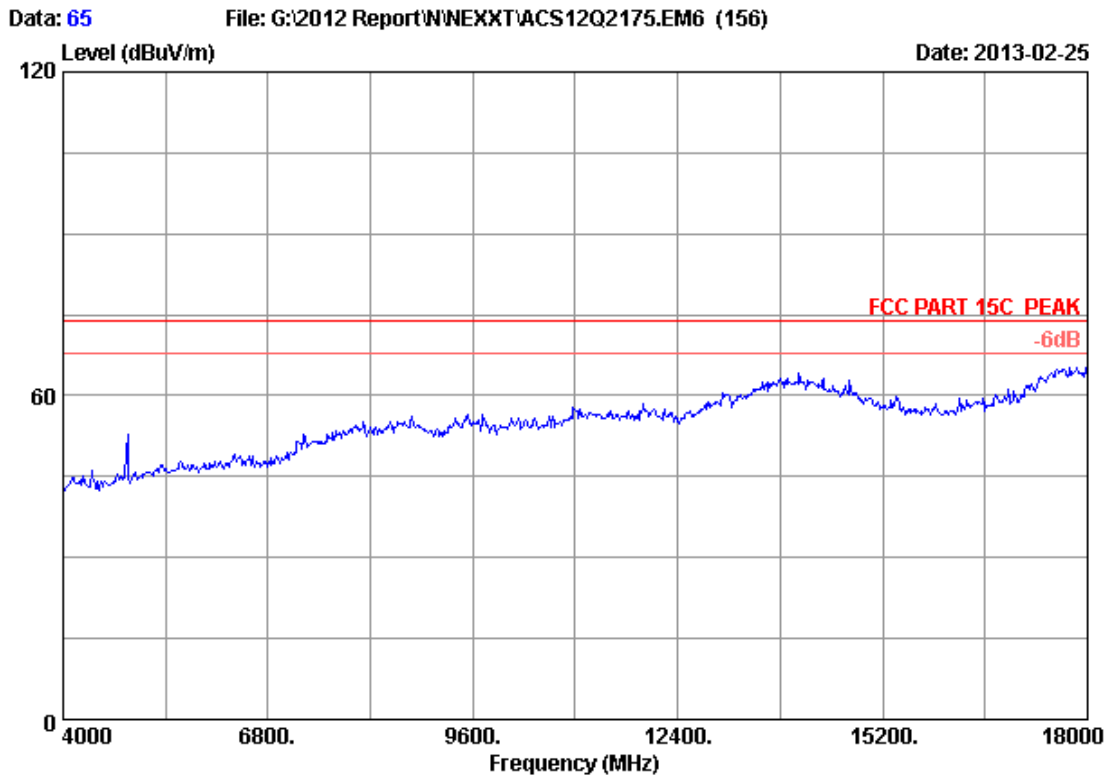

```
Site no.      : 3m Chamber                Data no.   : 63
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



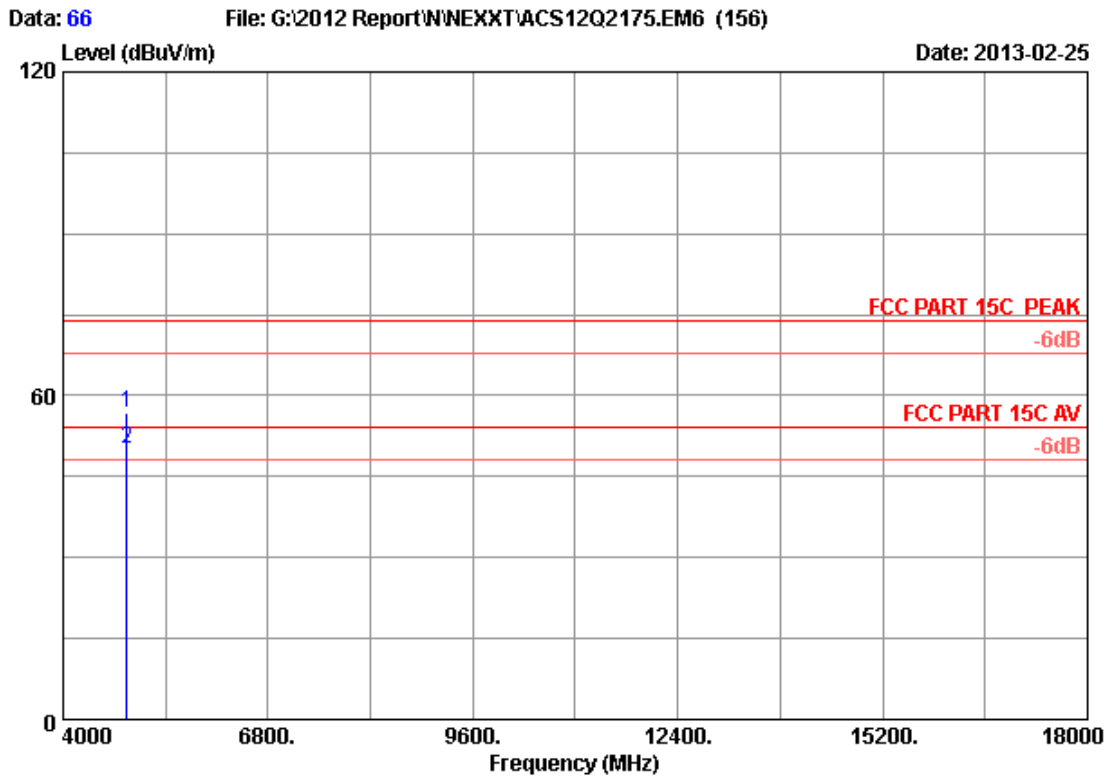
Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	46.16	57.65	74.00	16.35	Peak
2	4874.000	34.41	12.44	35.36	39.21	50.70	54.00	3.30	Average

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



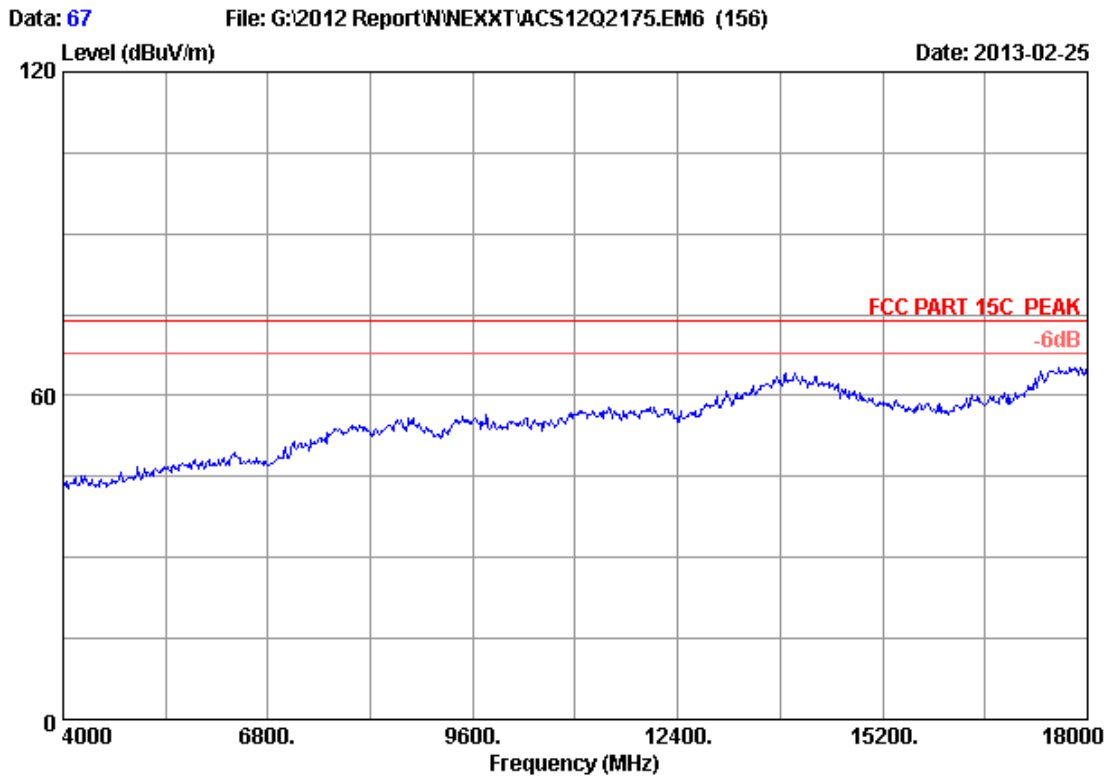

```
Site no.      : 3m Chamber                Data no.   : 65
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



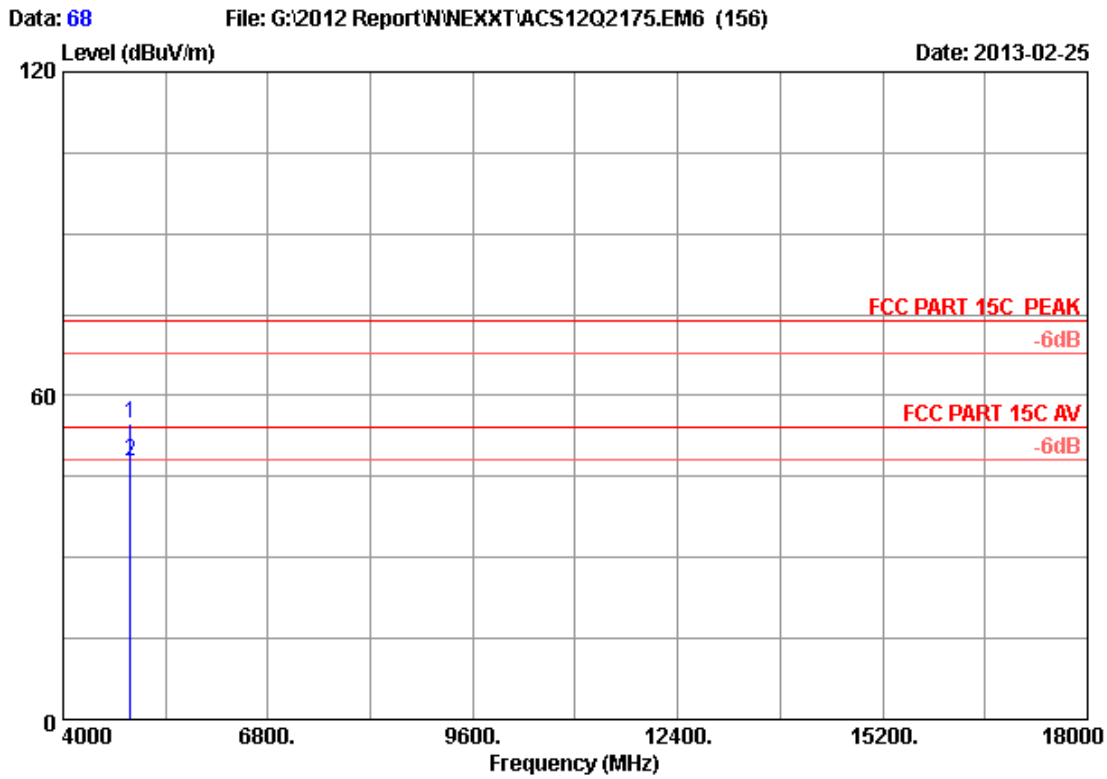
Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	45.37	56.86	74.00	17.14	Peak
2	4874.000	34.41	12.44	35.36	38.52	50.01	54.00	3.99	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.



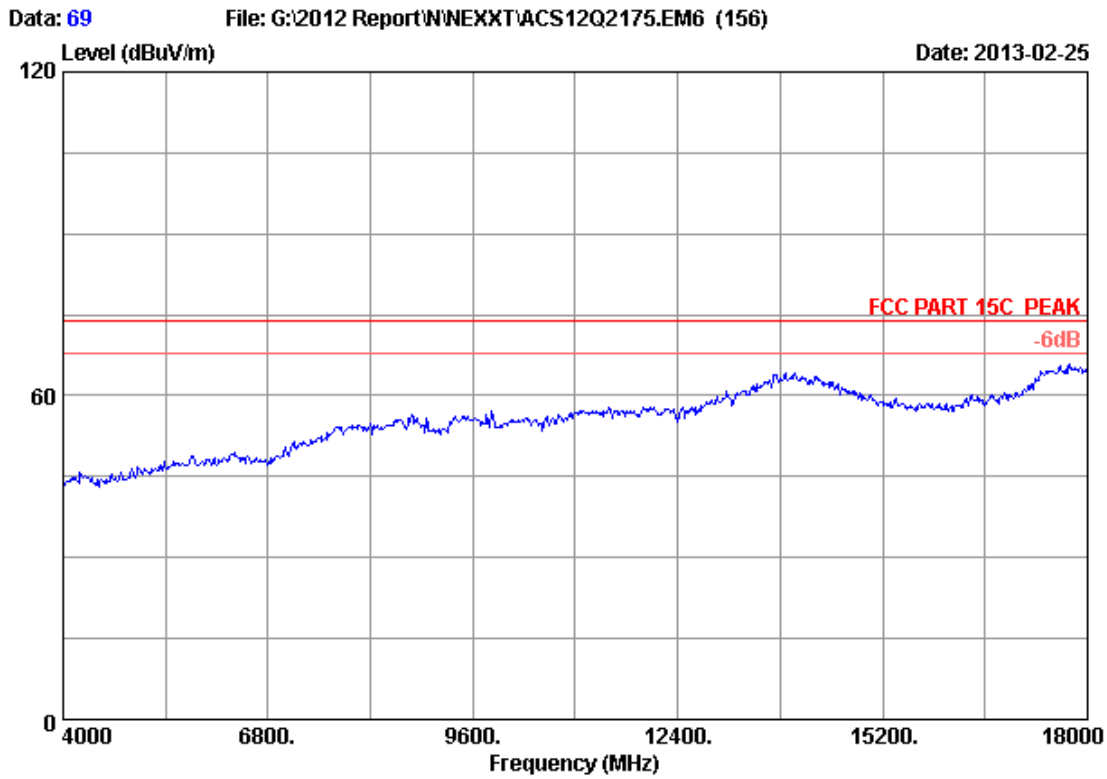

```
Site no.      : 3m Chamber                Data no.   : 67
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



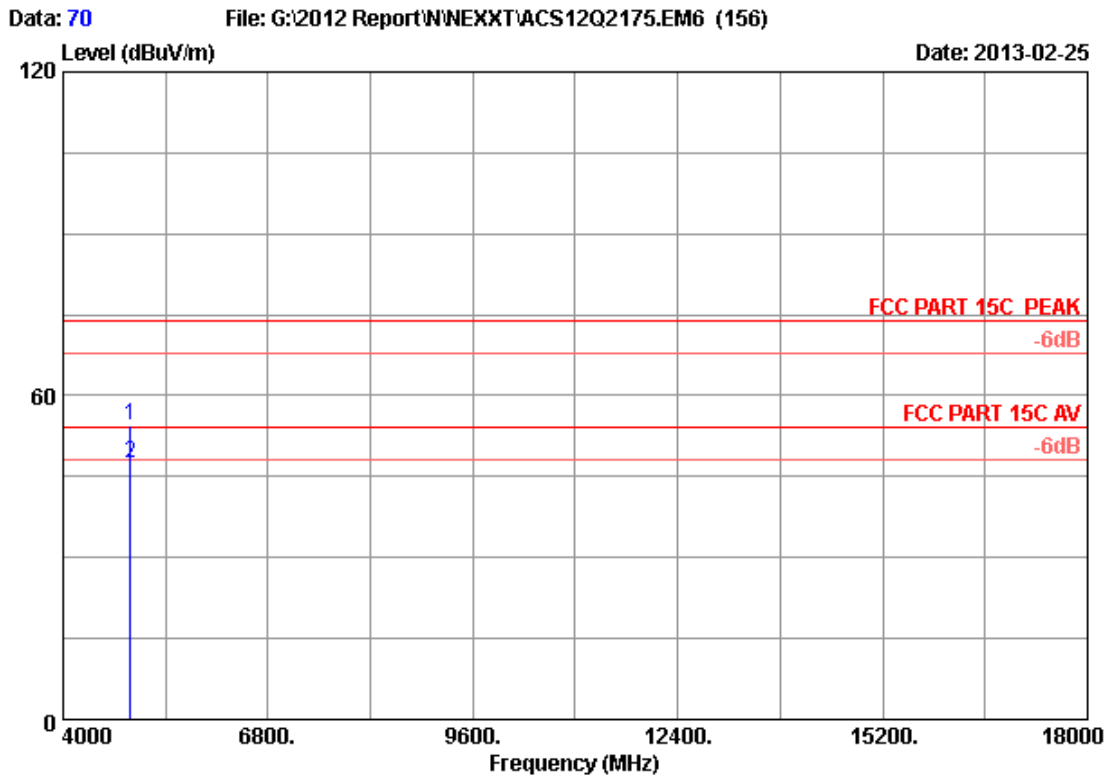
Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	36.21	47.86	54.00	6.14	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.



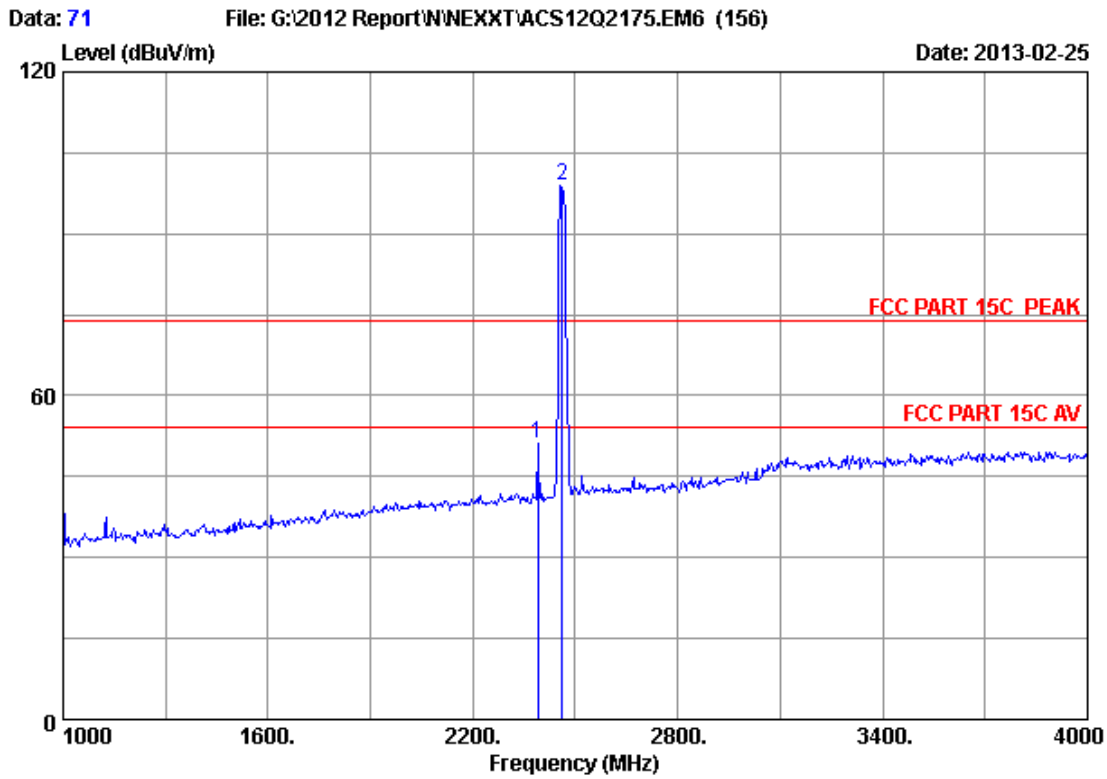

```
Site no.      : 3m Chamber                Data no.   : 69
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_HORIZONTAL
```



Site no. : 3m Chamber Data no. : 70
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	42.96	54.61	74.00	19.39	Peak
2	4924.000	34.49	12.50	35.34	35.84	47.49	54.00	6.51	Average

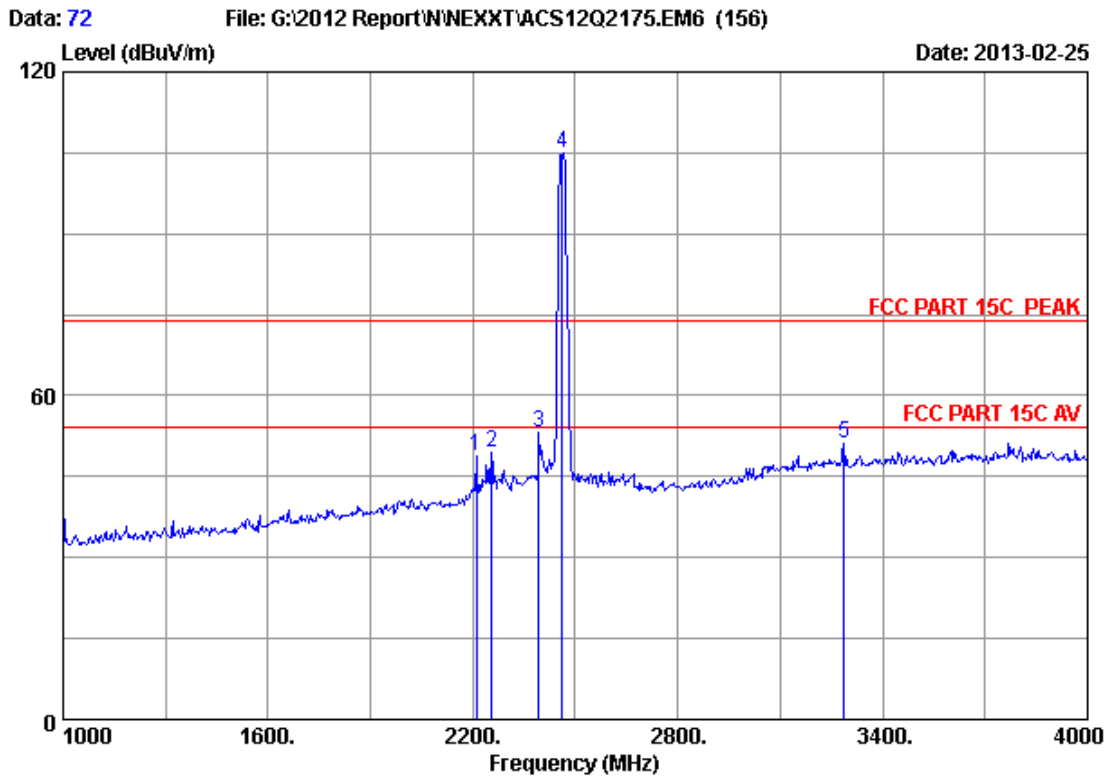
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 71
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2389.000	29.44	8.67	36.09	49.08	51.10	74.00	22.90	Peak
2	2462.000	29.48	8.82	36.02	96.67	98.95	74.00	-24.95	Peak

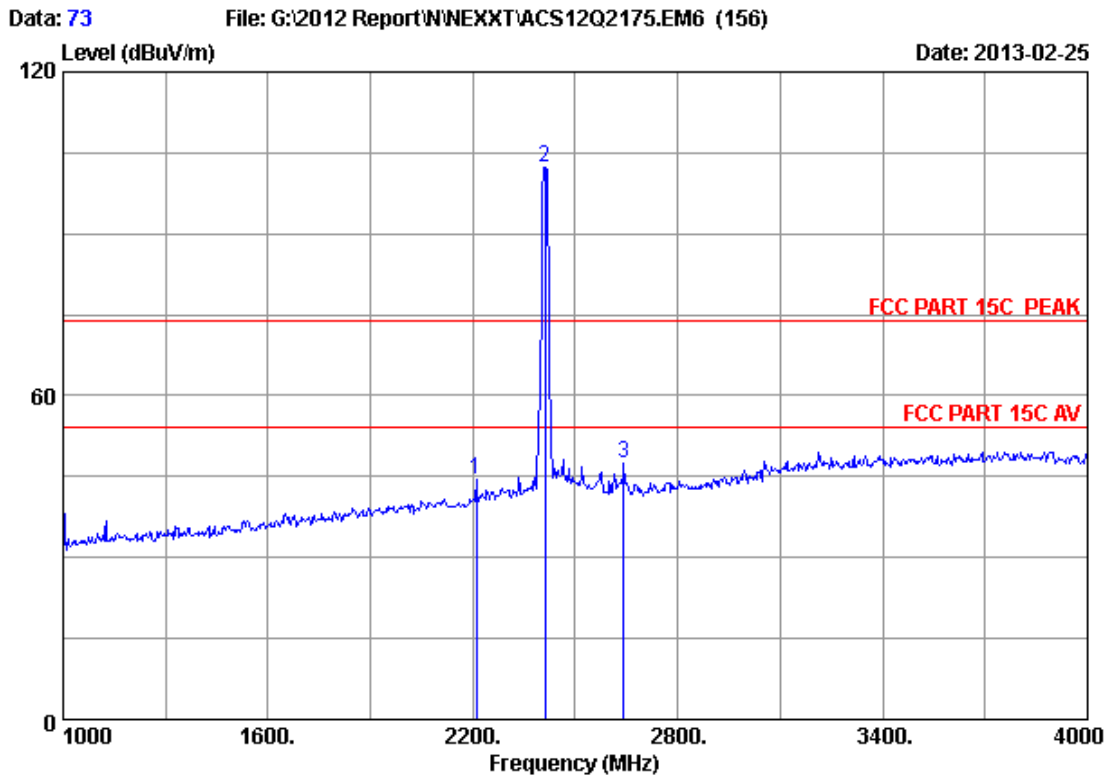
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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 : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2209.000	29.32	8.32	36.02	47.33	48.95	74.00	25.05	Peak
2	2254.000	29.36	8.42	35.85	47.60	49.53	74.00	24.47	Peak
3	2392.000	29.44	8.67	36.09	51.29	53.31	74.00	20.69	Peak
4	2462.000	29.48	8.82	36.02	102.82	105.10	74.00	-31.10	Peak
5	3286.000	32.72	10.32	35.79	43.96	51.21	74.00	22.79	Peak

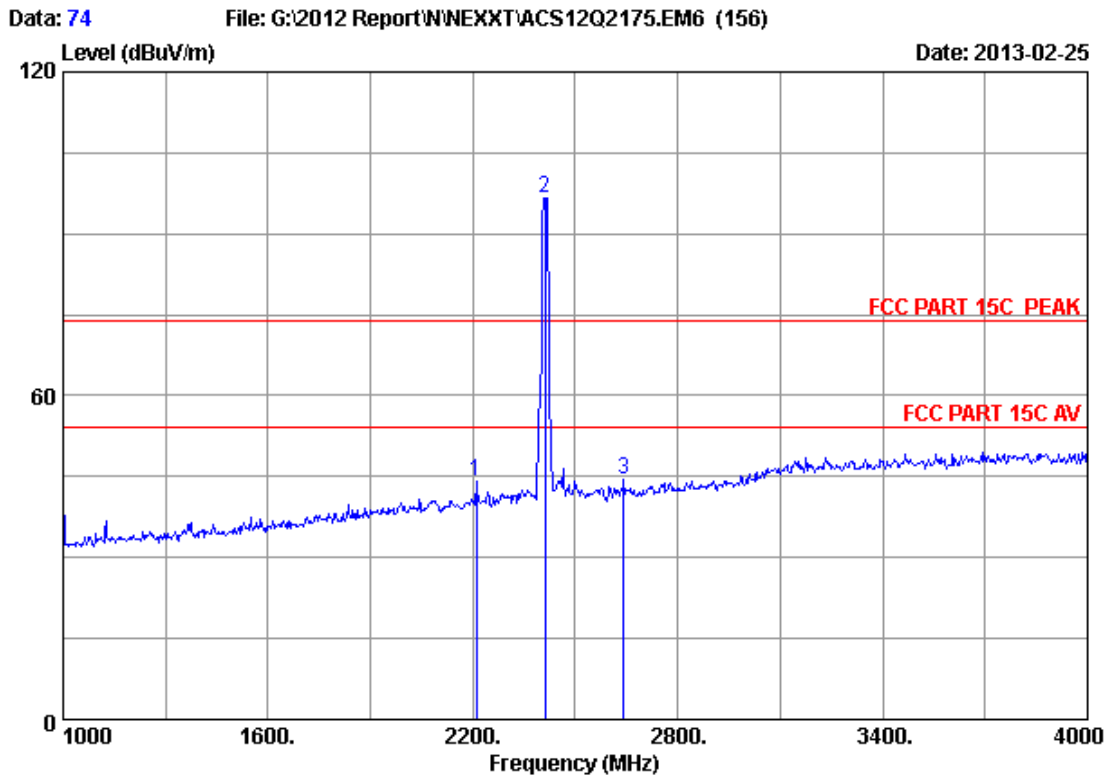
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 73
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2209.000	29.32	8.32	36.02	42.93	44.55	74.00	29.45	Peak
2	2412.000	29.45	8.72	35.95	99.96	102.18	74.00	-28.18	Peak
3	2641.000	30.25	9.17	35.77	43.86	47.51	74.00	26.49	Peak

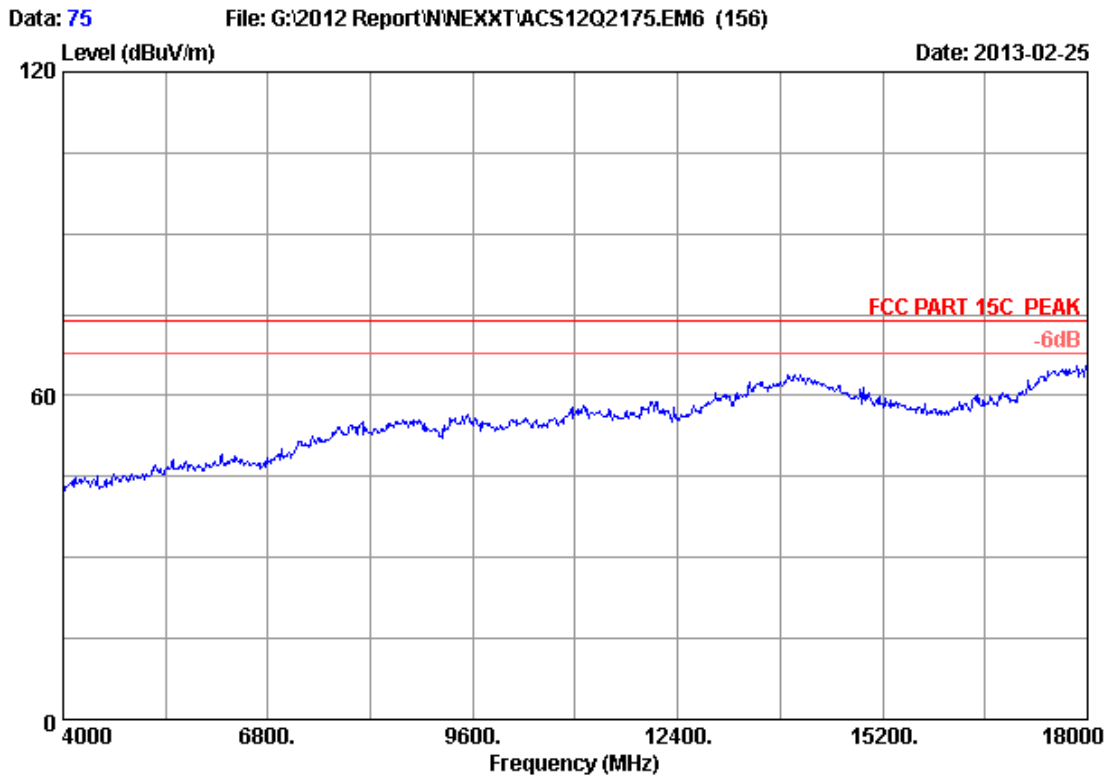
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 74
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2209.000	29.32	8.32	36.02	42.36	43.98	74.00	30.02	Peak
2	2412.000	29.45	8.72	35.95	94.55	96.77	74.00	-22.77	Peak
3	2641.000	30.25	9.17	35.77	40.72	44.37	74.00	29.63	Peak

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

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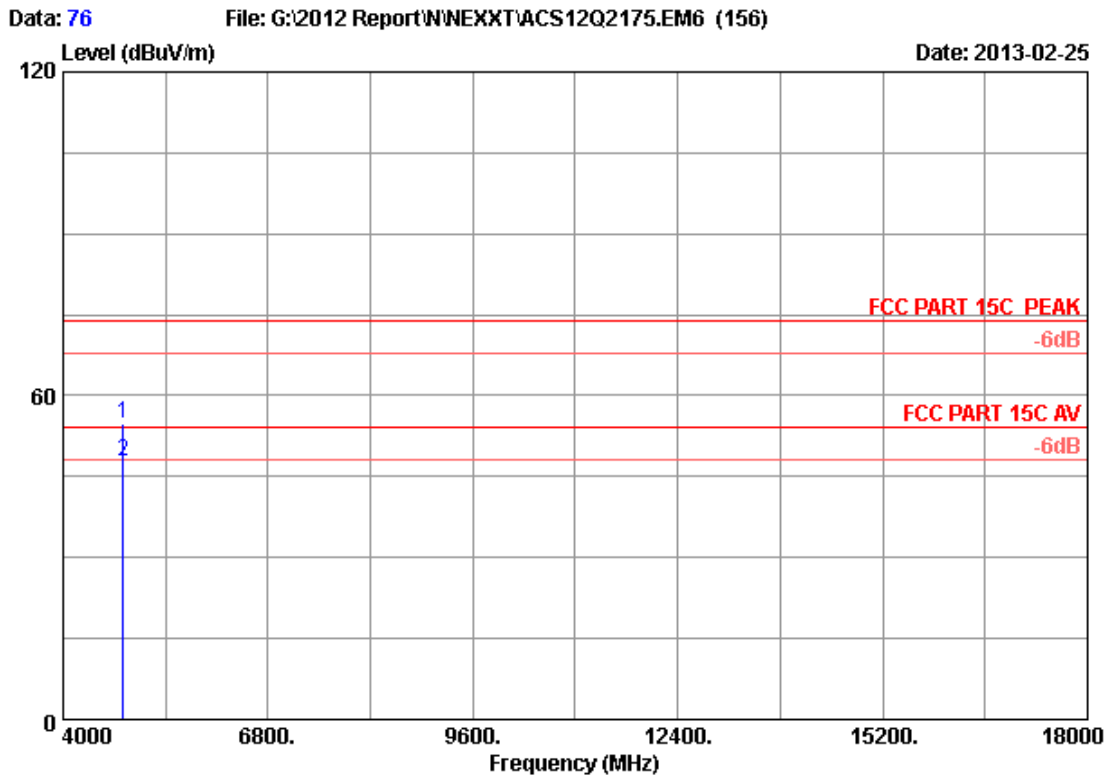
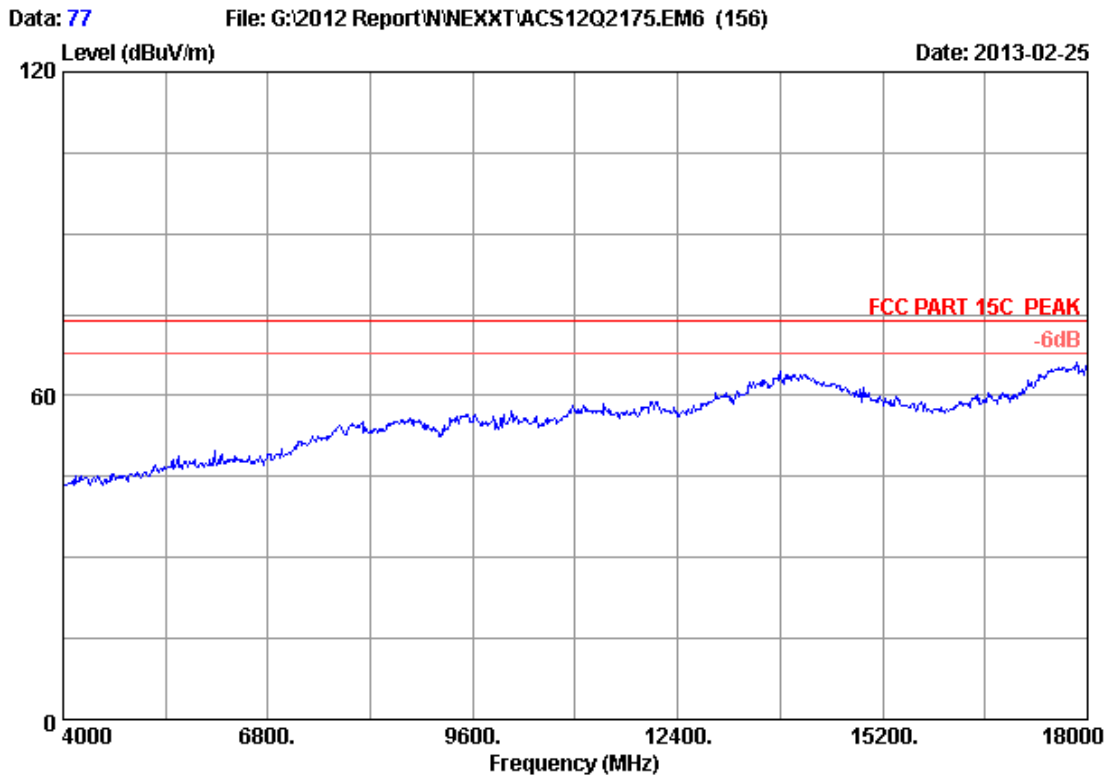
Site no.      : 3m Chamber                Data no.   : 75
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



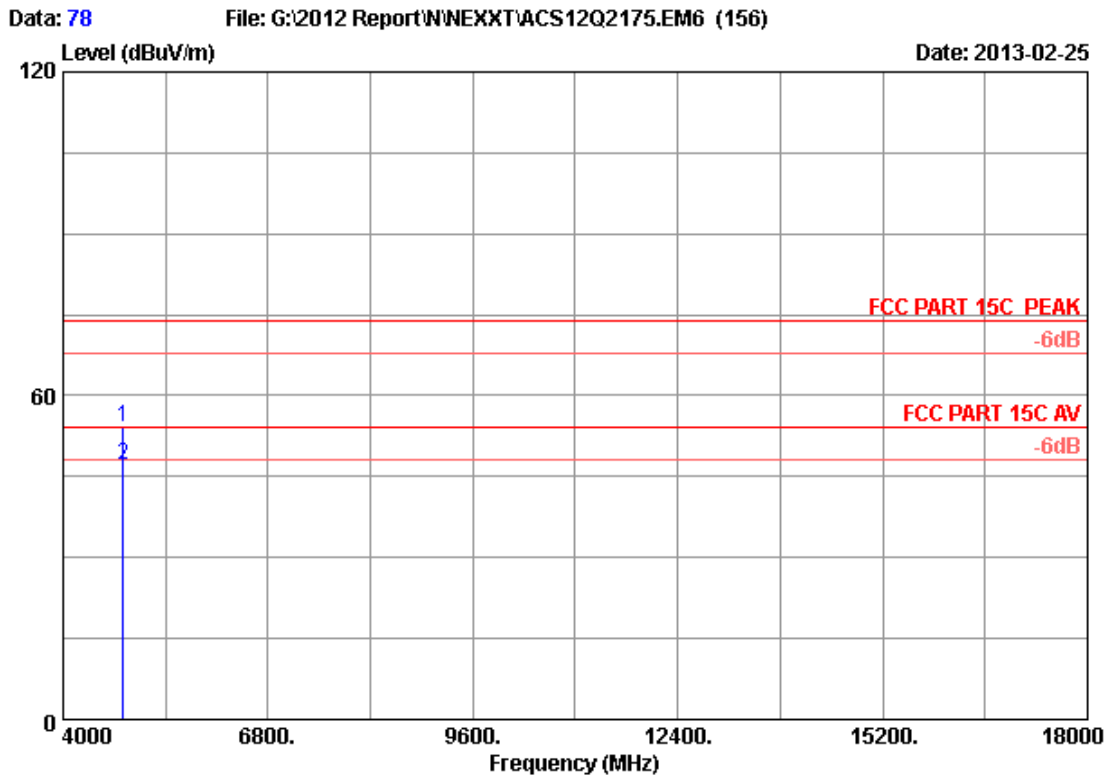
Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	43.35	54.80	74.00	19.20	Peak
2	4824.000	34.32	12.38	35.25	36.24	47.69	54.00	6.31	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.



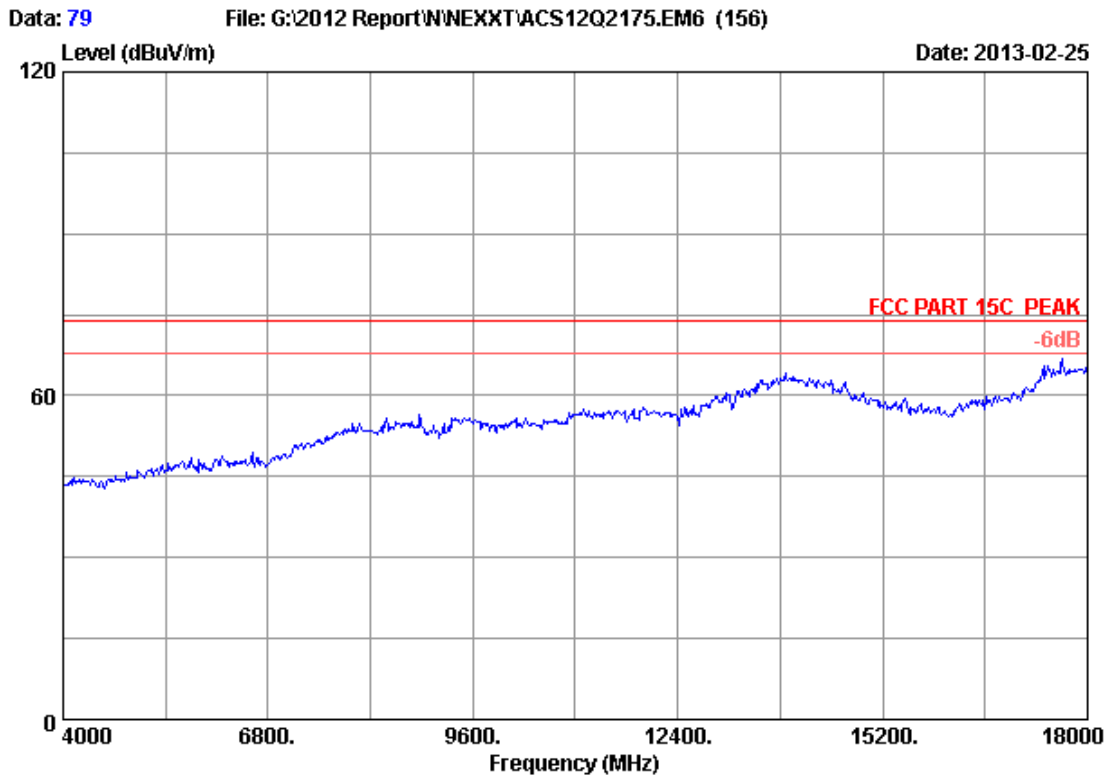

```
Site no.      : 3m Chamber                Data no.   : 77
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



Site no. : 3m Chamber Data no. : 78
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.54	53.99	74.00	20.01	Peak
2	4824.000	34.32	12.38	35.25	35.84	47.29	54.00	6.71	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.

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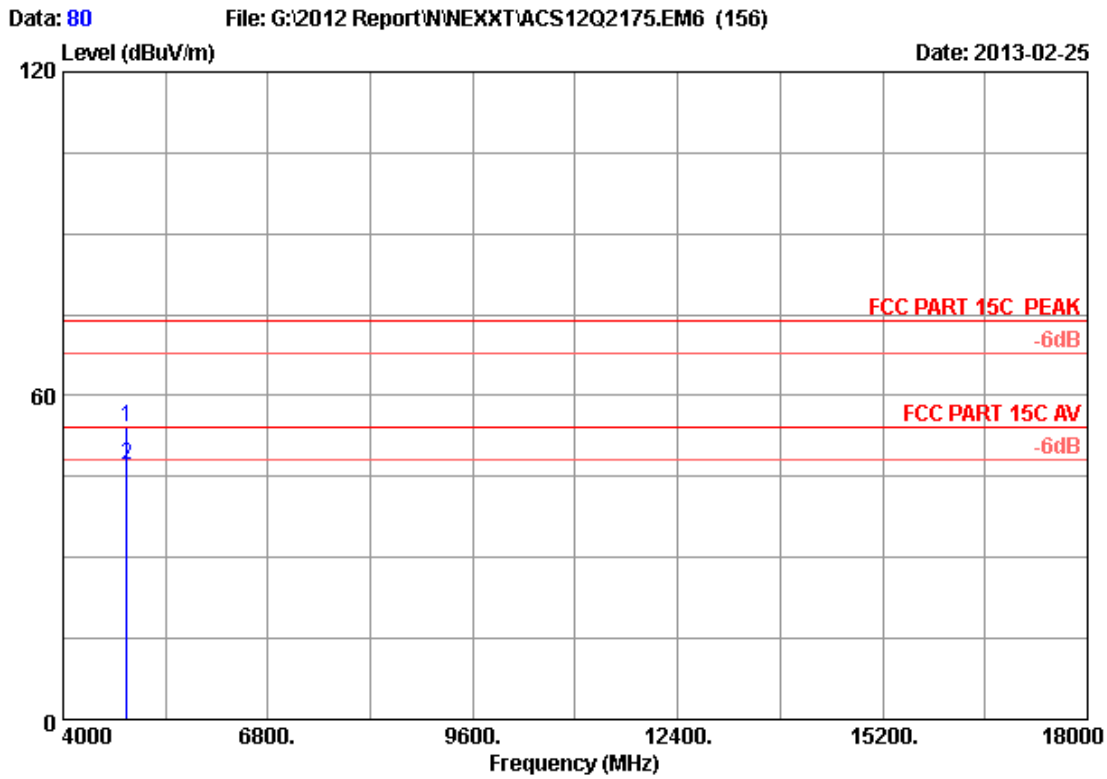
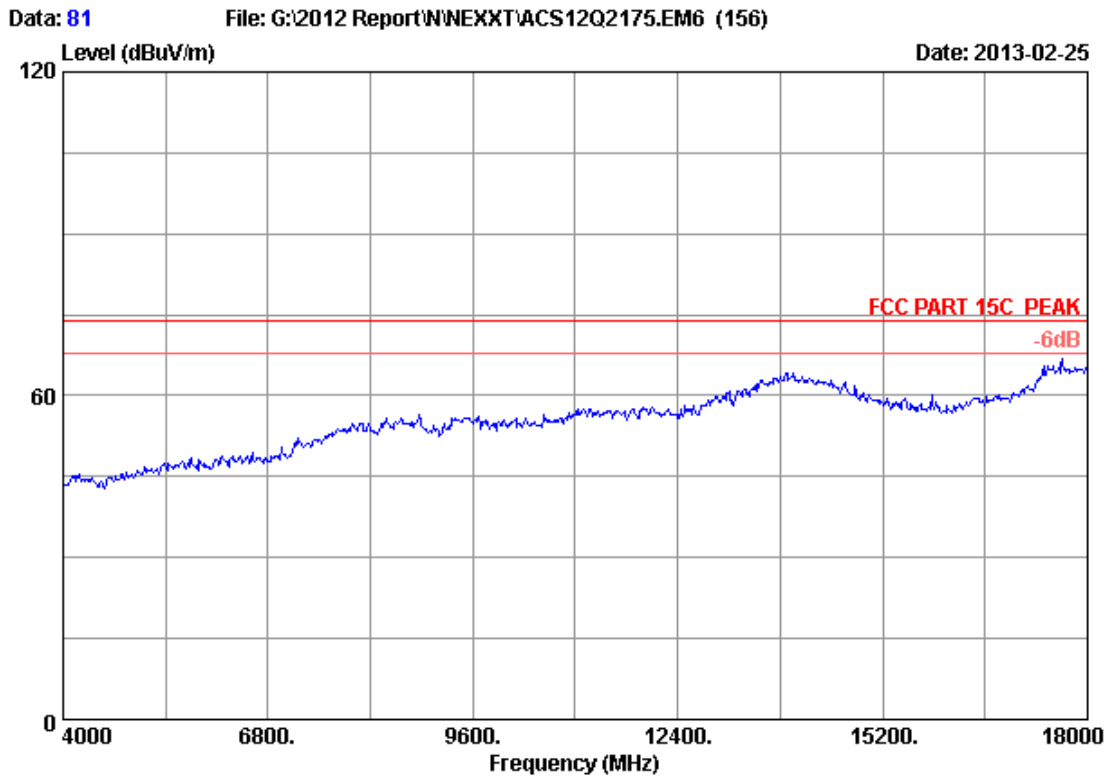
Site no.      : 3m Chamber                Data no.   : 79
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



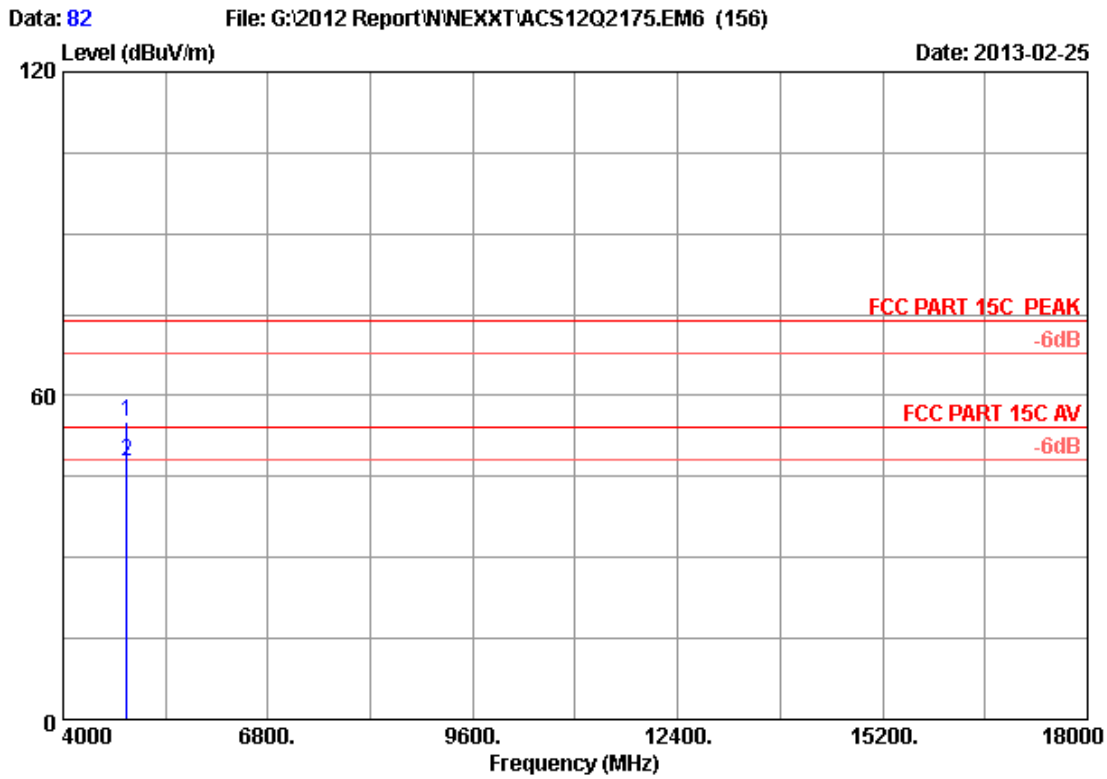
Site no. : 3m Chamber Data no. : 80
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.57	54.06	74.00	19.94	Peak
2	4874.000	34.41	12.44	35.36	35.61	47.10	54.00	6.90	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.



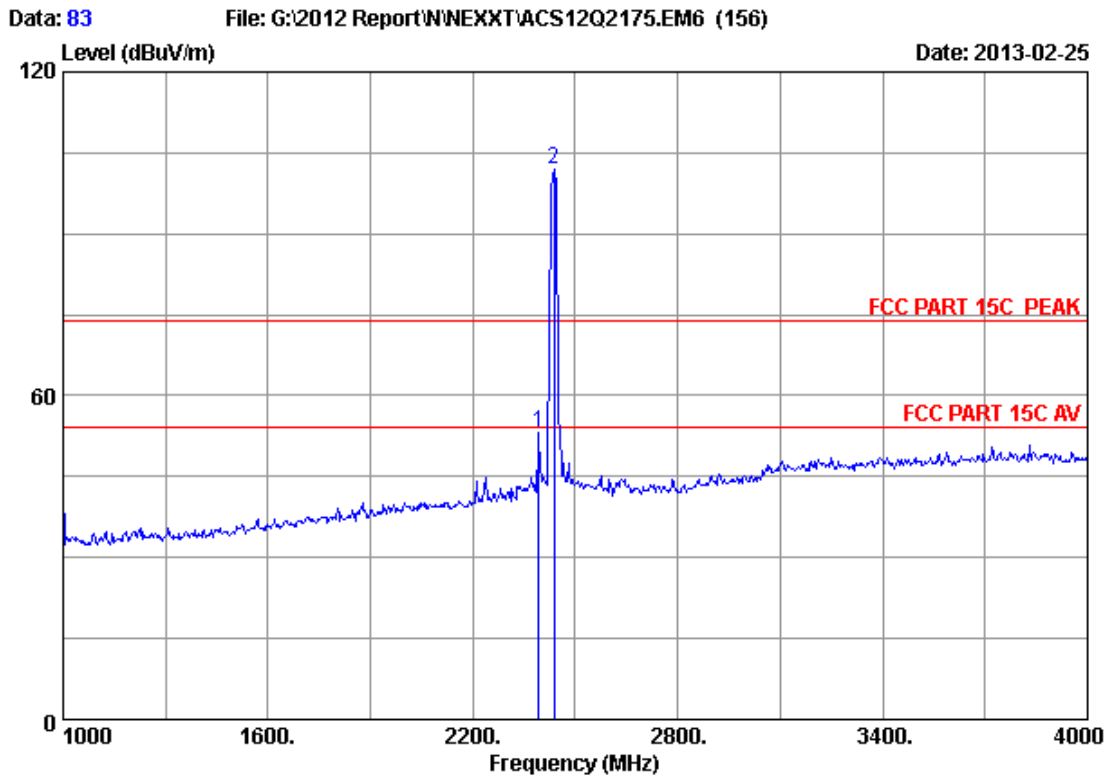

```
Site no.      : 3m Chamber                Data no.   : 81
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



Site no. : 3m Chamber Data no. : 82
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	43.58	55.07	74.00	18.93	Peak
2	4874.000	34.41	12.44	35.36	36.17	47.66	54.00	6.34	Average

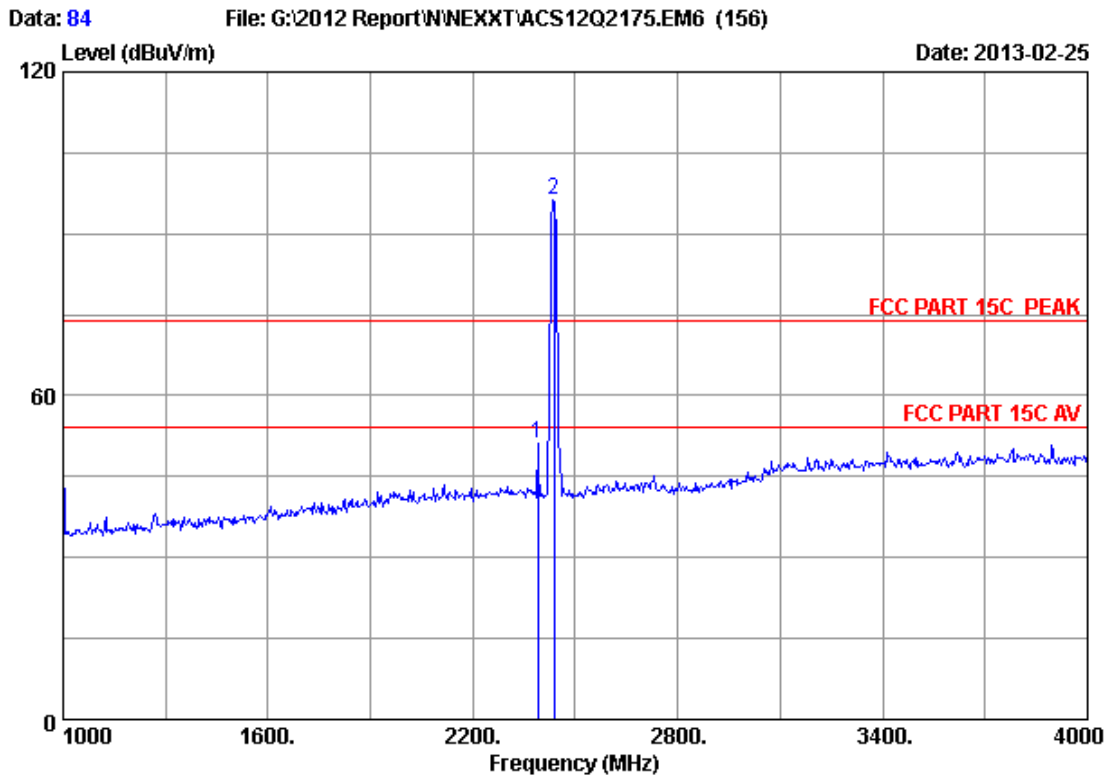
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 83
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2392.000	29.44	8.67	36.09	51.04	53.06	74.00	20.94	Peak
2	2437.000	29.47	8.77	36.06	99.84	102.02	74.00	-28.02	Peak

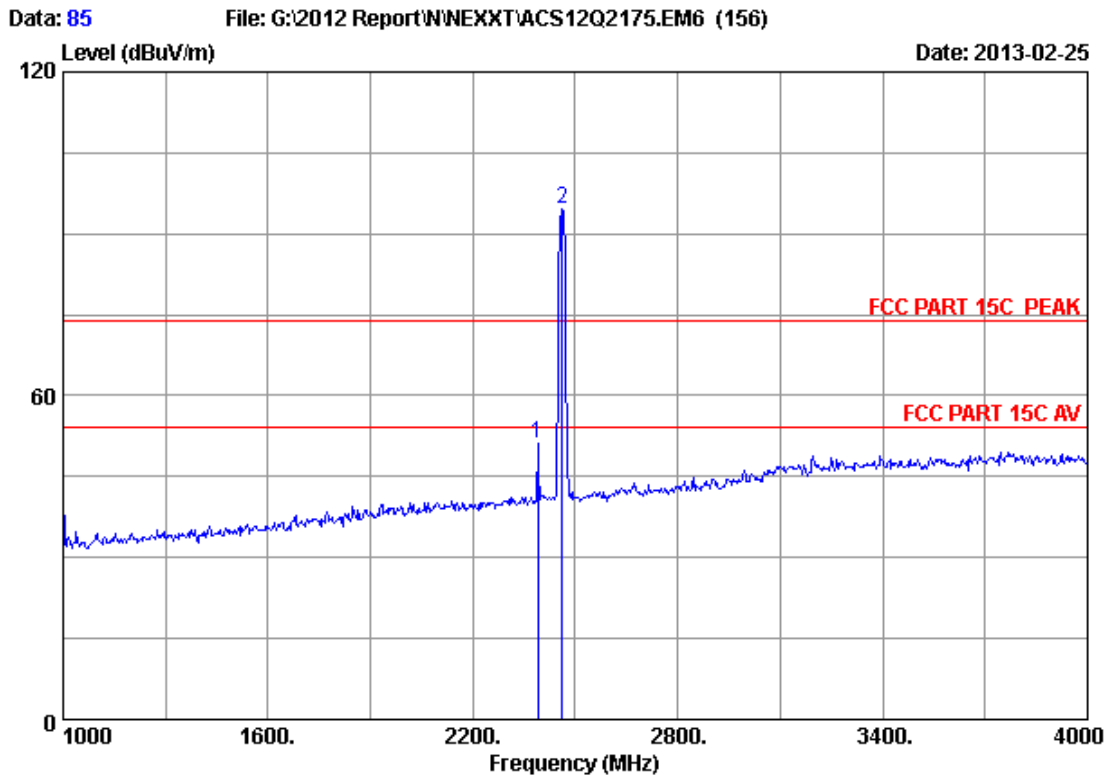
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 84
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2389.000	29.44	8.67	36.09	49.12	51.14	74.00	22.86	Peak
2	2437.000	29.47	8.77	36.06	94.02	96.20	74.00	-22.20	Peak

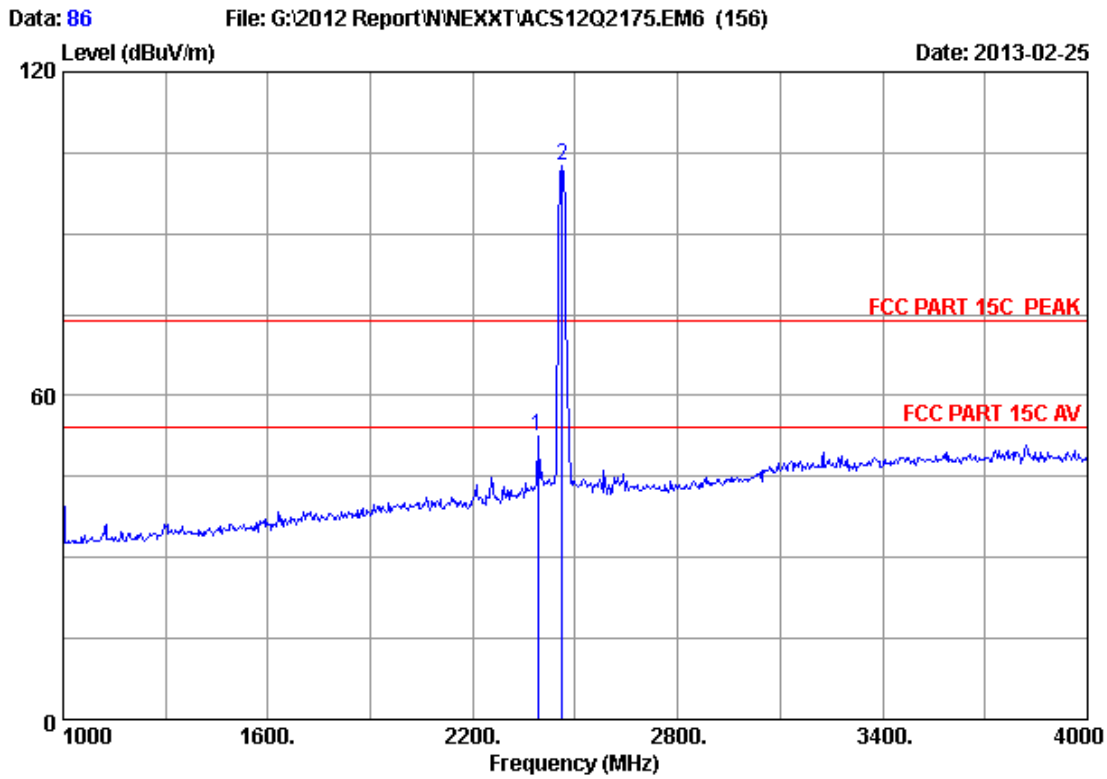
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 85
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2389.000	29.44	8.67	36.09	49.10	51.12	74.00	22.88	Peak
2	2462.000	29.48	8.82	36.02	92.21	94.49	74.00	-20.49	Peak

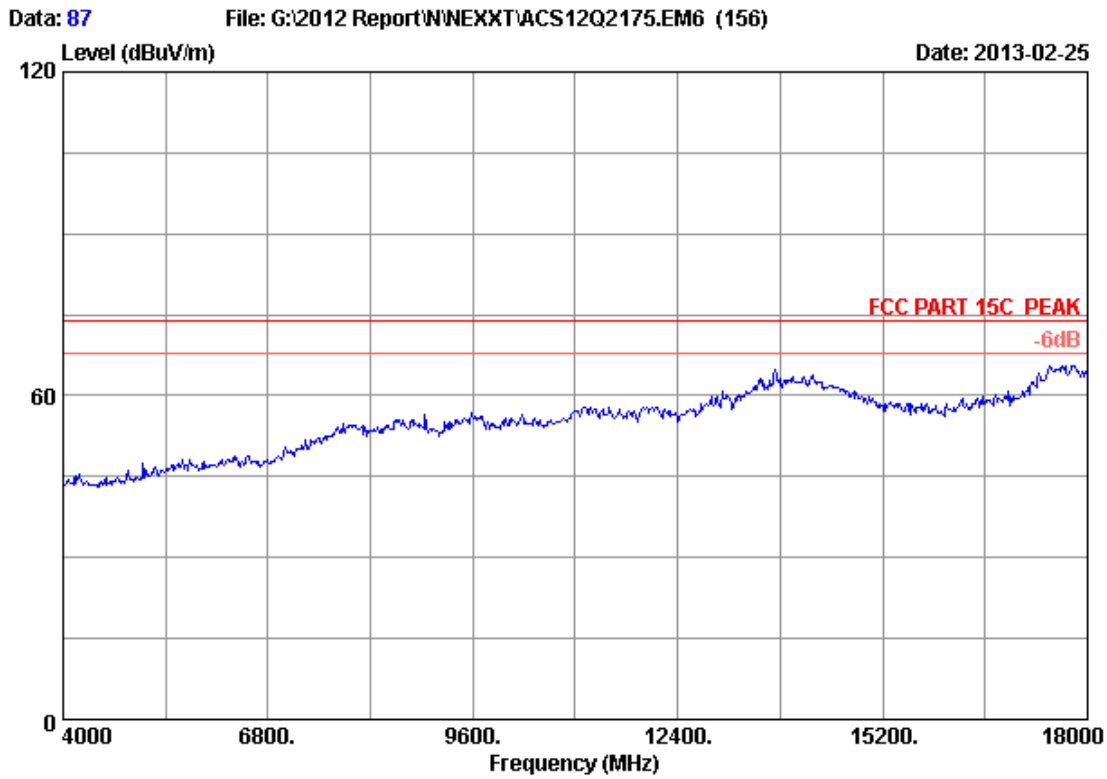
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



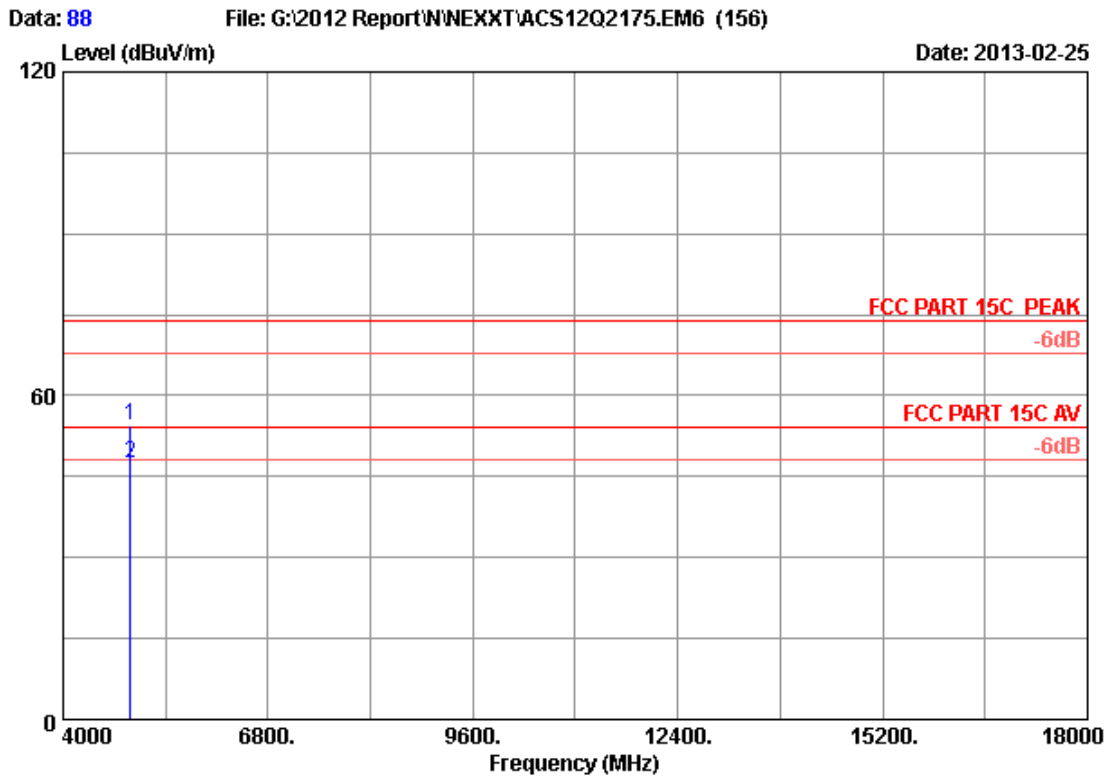
Site no. : 3m Chamber Data no. : 86
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2389.000	29.44	8.67	36.09	50.43	52.45	74.00	21.55	Peak
2	2462.000	29.48	8.82	36.02	100.50	102.78	74.00	-28.78	Peak

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



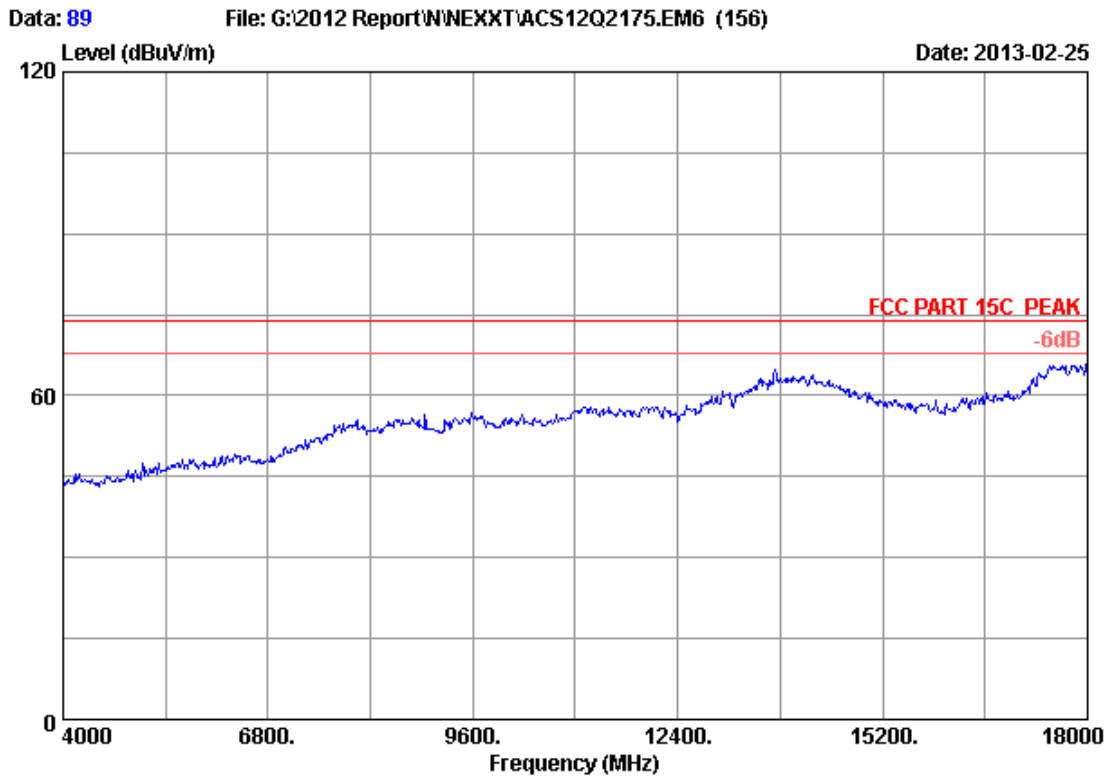

```
Site no.      : 3m Chamber                Data no.   : 87
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



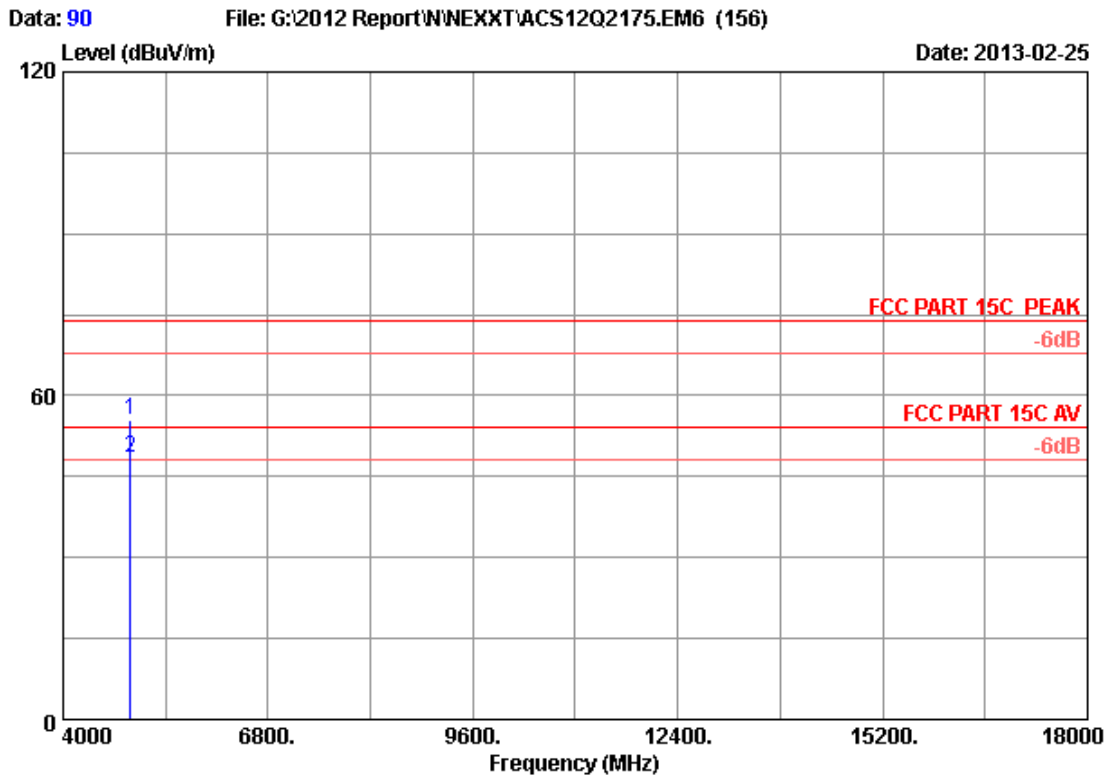
Site no. : 3m Chamber Data no. : 88
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.69	54.34	74.00	19.66	Peak
2	4924.000	34.49	12.50	35.34	35.85	47.50	54.00	6.50	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.



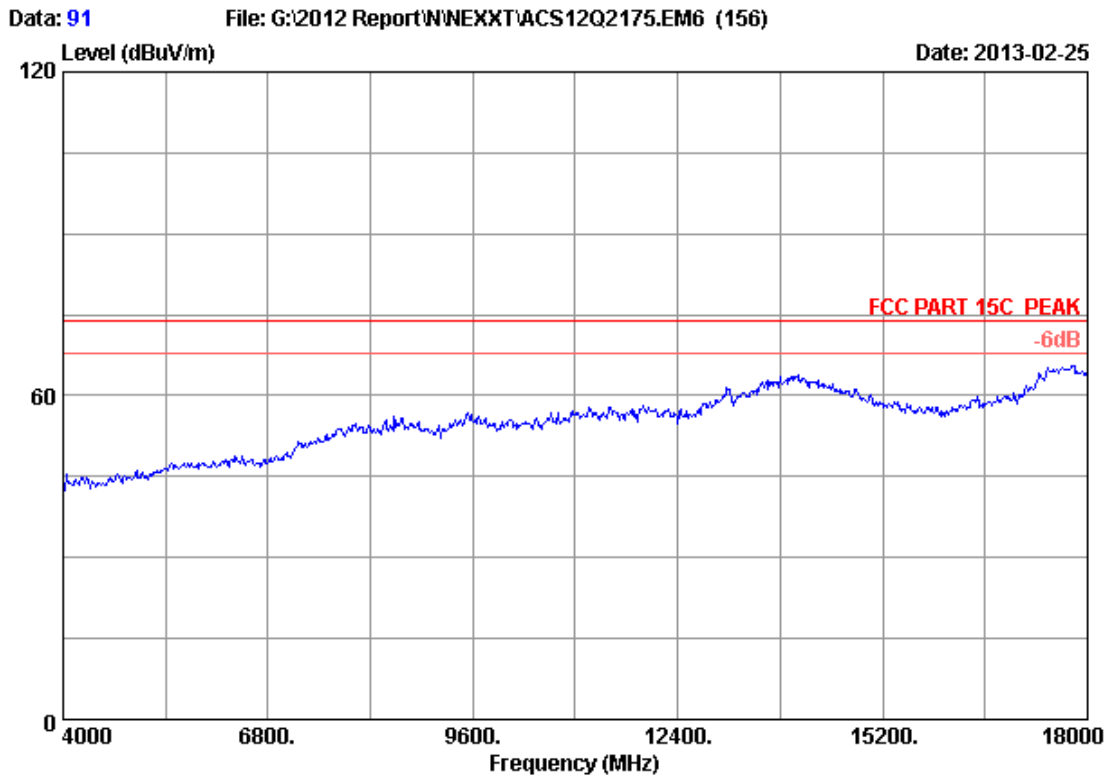

```
Site no.      : 3m Chamber                Data no.   : 89
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11b CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



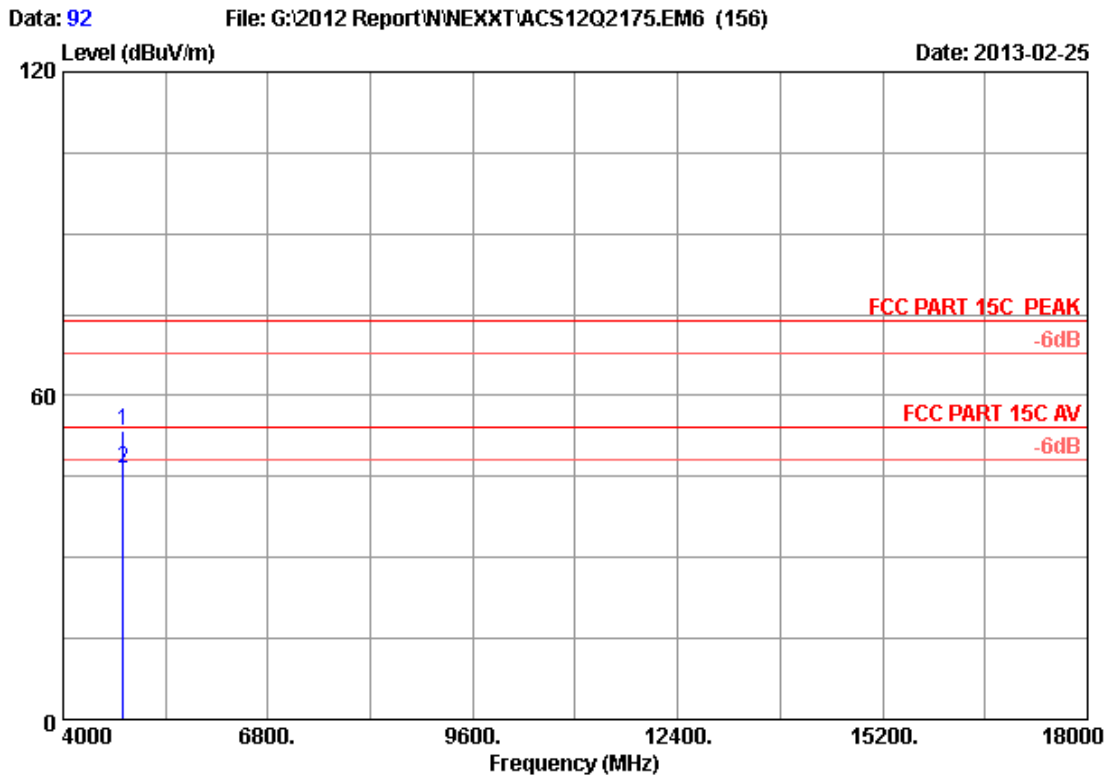
Site no. : 3m Chamber Data no. : 90
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	43.85	55.50	74.00	18.50	Peak
2	4924.000	34.49	12.50	35.34	36.74	48.39	54.00	5.61	Average

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



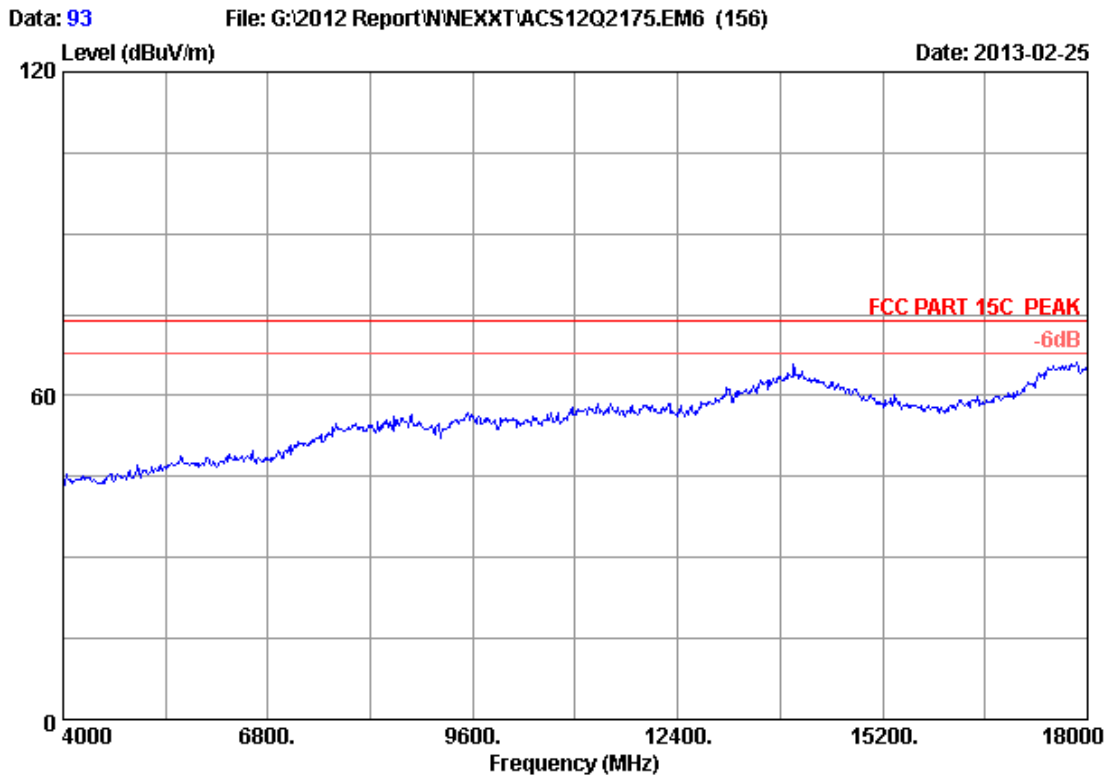

```
Site no.      : 3m Chamber                Data no.   : 91
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



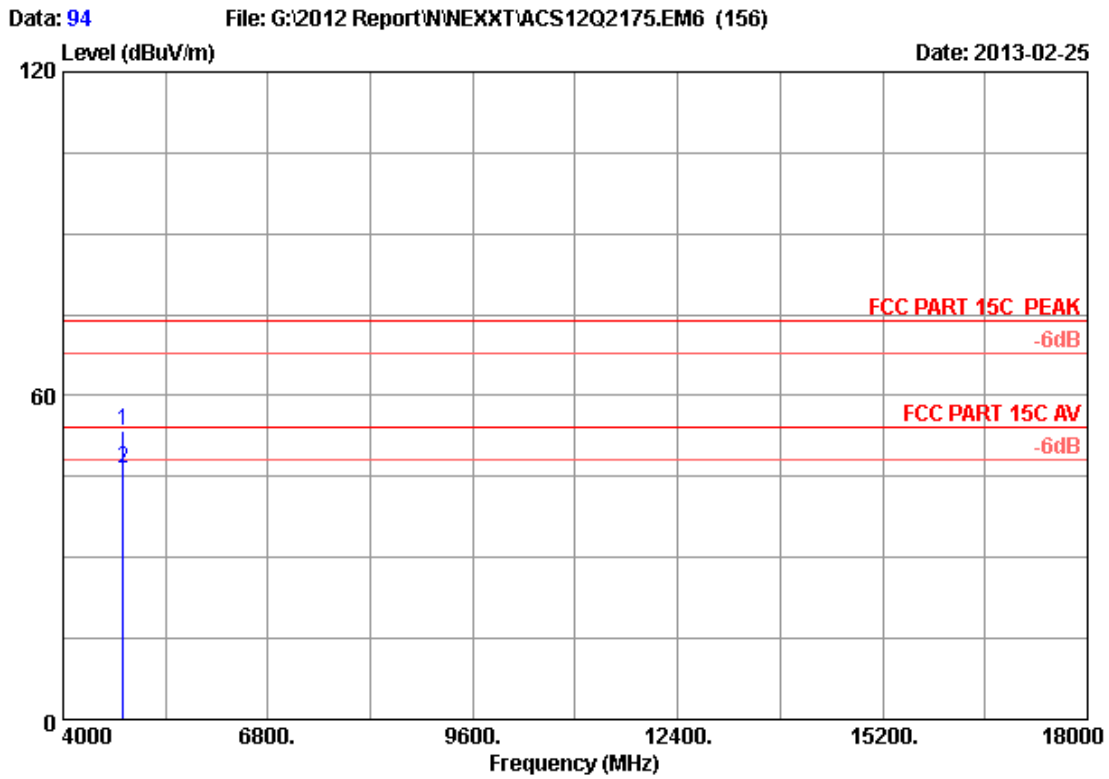
Site no. : 3m Chamber Data no. : 92
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.12	53.57	74.00	20.43	Peak
2	4824.000	34.32	12.38	35.25	35.01	46.46	54.00	7.54	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.



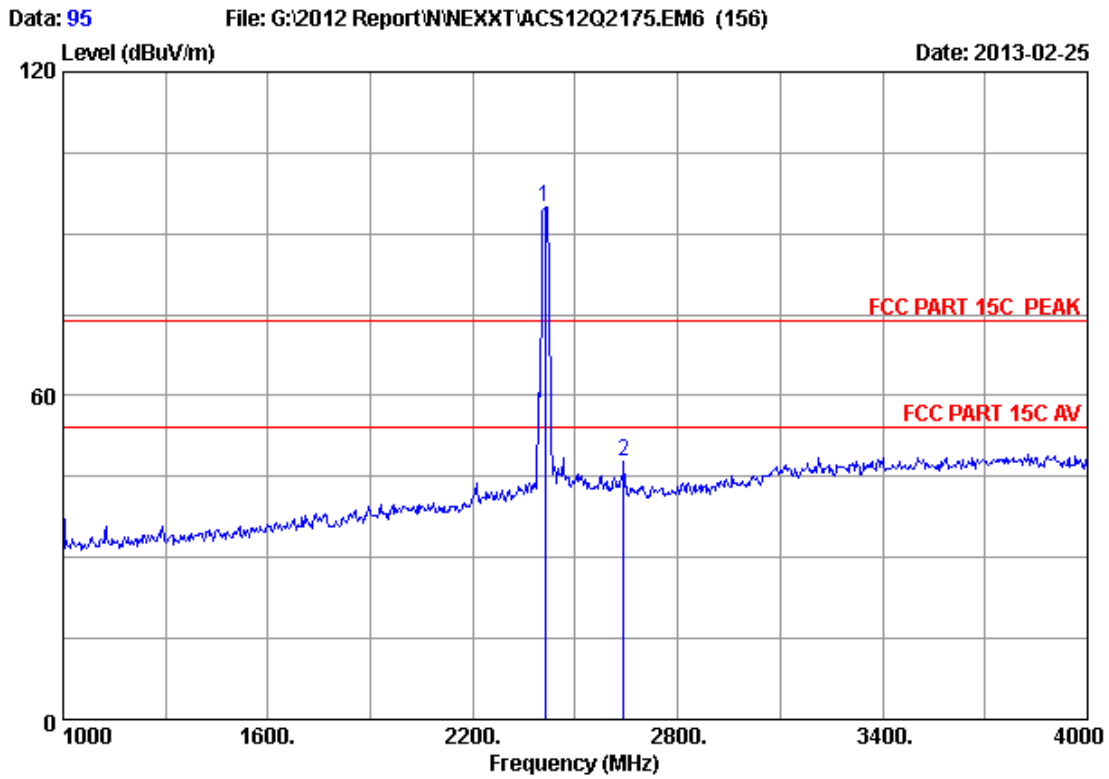

```
Site no.      : 3m Chamber                Data no.   : 93
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH1 2412MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



Site no. : 3m Chamber Data no. : 94
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.03	53.48	74.00	20.52	Peak
2	4824.000	34.32	12.38	35.25	35.00	46.45	54.00	7.55	Average

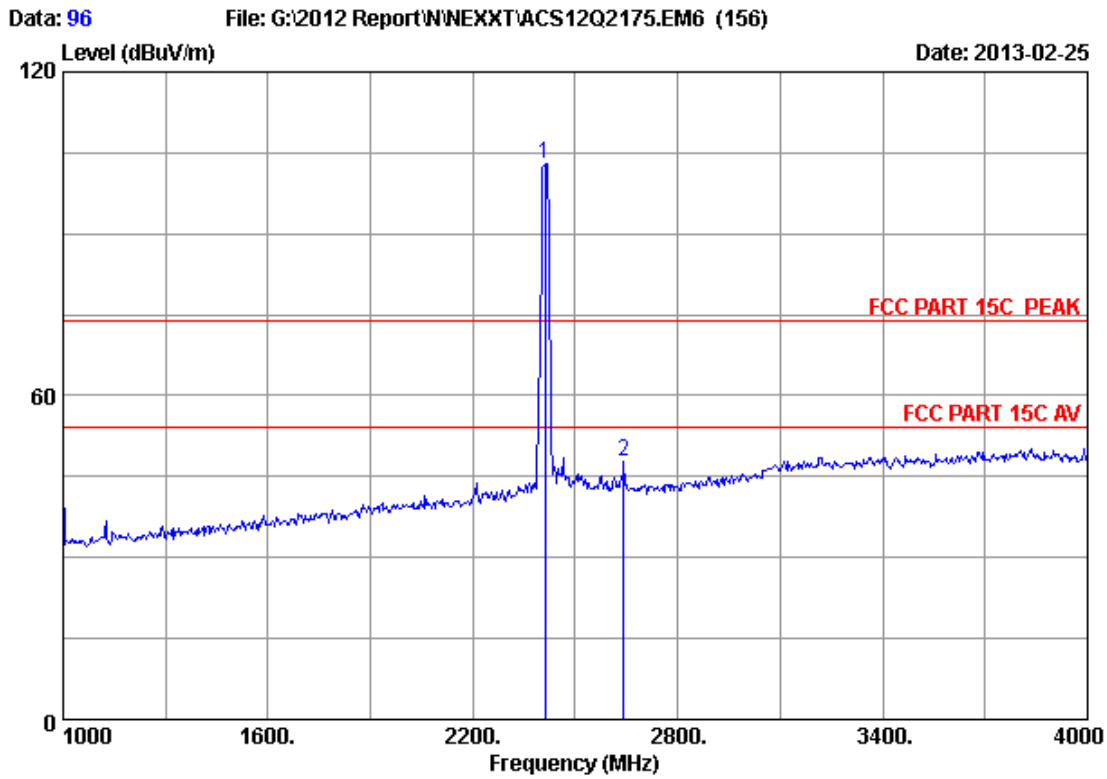
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 95
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	92.84	95.06	74.00	-21.06	Peak
2	2641.000	30.25	9.17	35.77	44.06	47.71	74.00	26.29	Peak

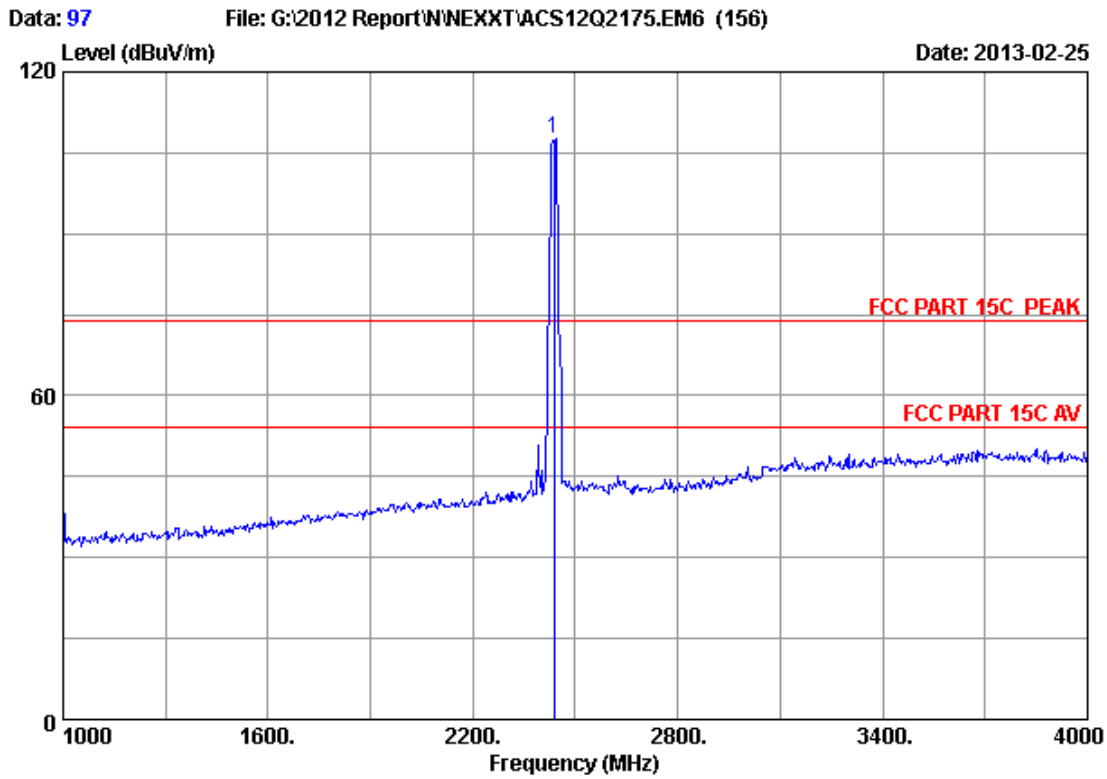
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 96
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	100.84	103.06	74.00	-29.06	Peak
2	2641.000	30.25	9.17	35.77	44.06	47.71	74.00	26.29	Peak

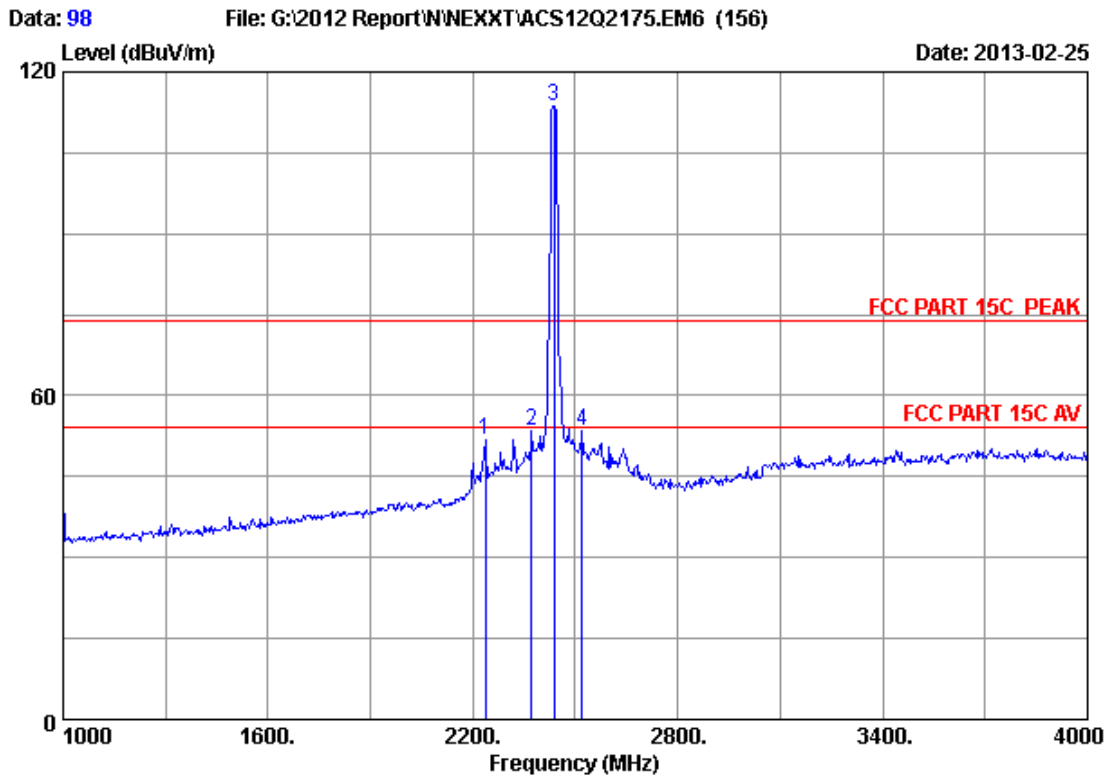
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 97
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	105.54	107.72	74.00	-33.72	Peak

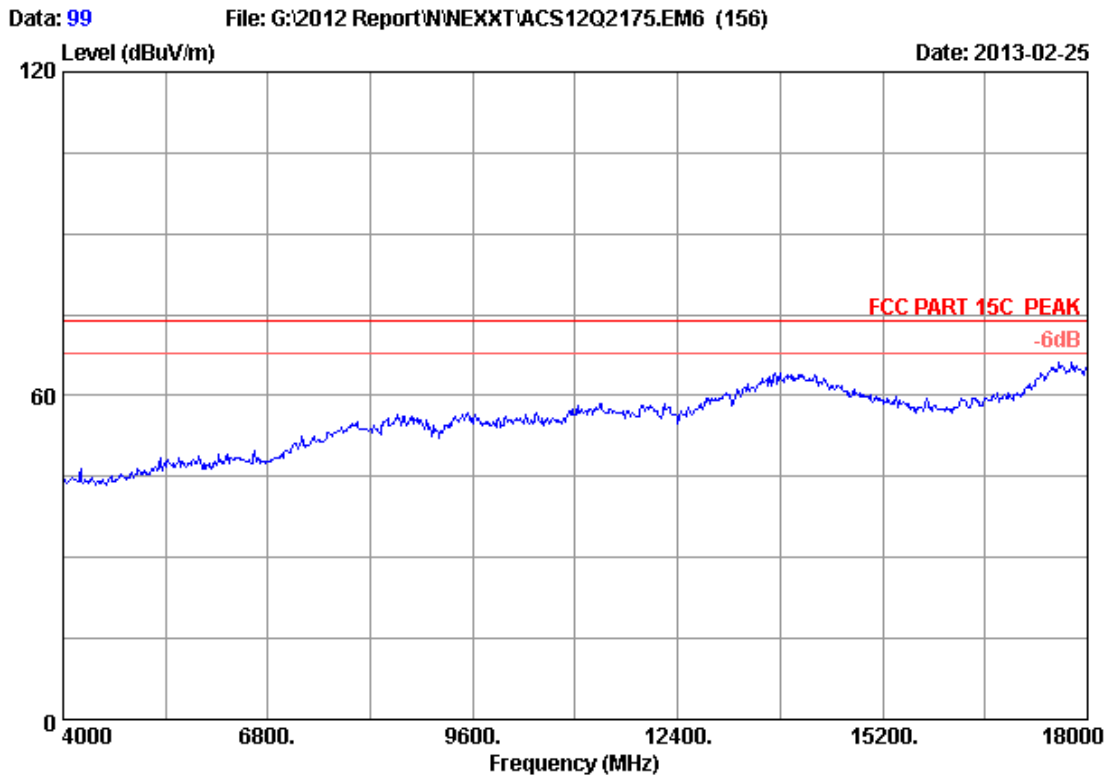
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



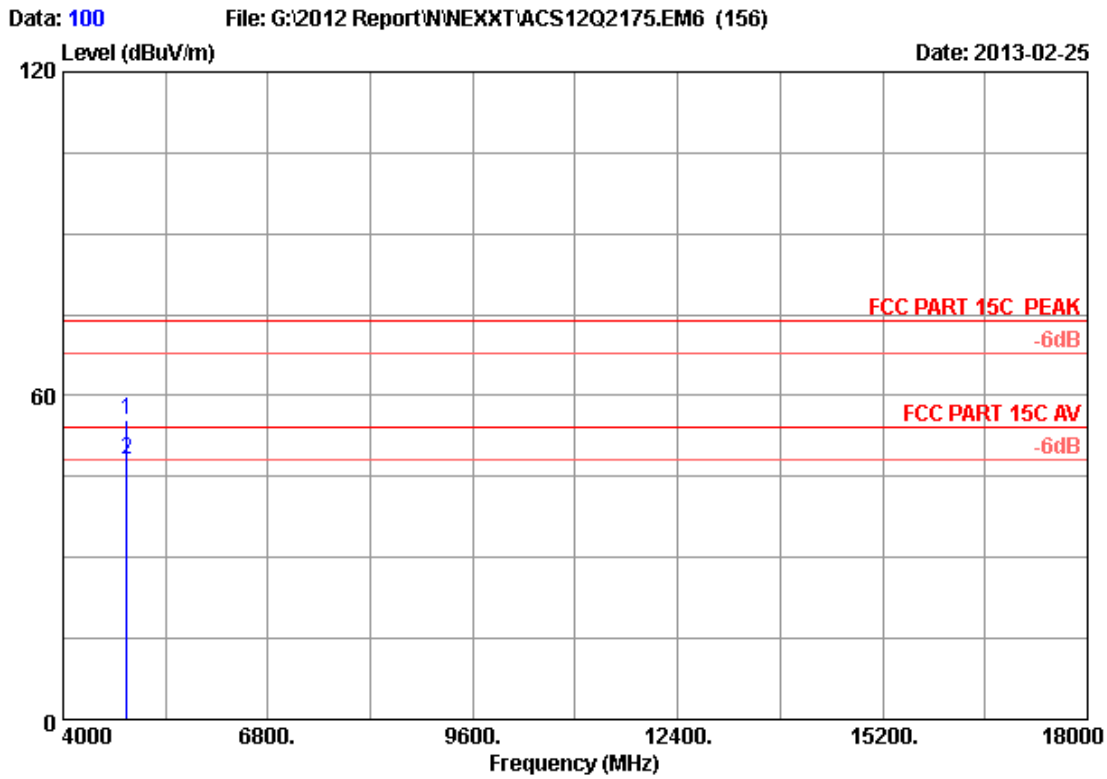
Site no. : 3m Chamber Data no. : 98
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2236.000	29.34	8.37	35.71	49.75	51.75	74.00	22.25	Peak
2	2371.000	29.43	8.62	36.00	51.30	53.35	74.00	20.65	Peak
3	2437.000	29.47	8.77	36.06	111.62	113.80	74.00	-39.80	Peak
4	2521.000	29.58	8.92	35.99	51.12	53.63	74.00	20.37	Peak

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



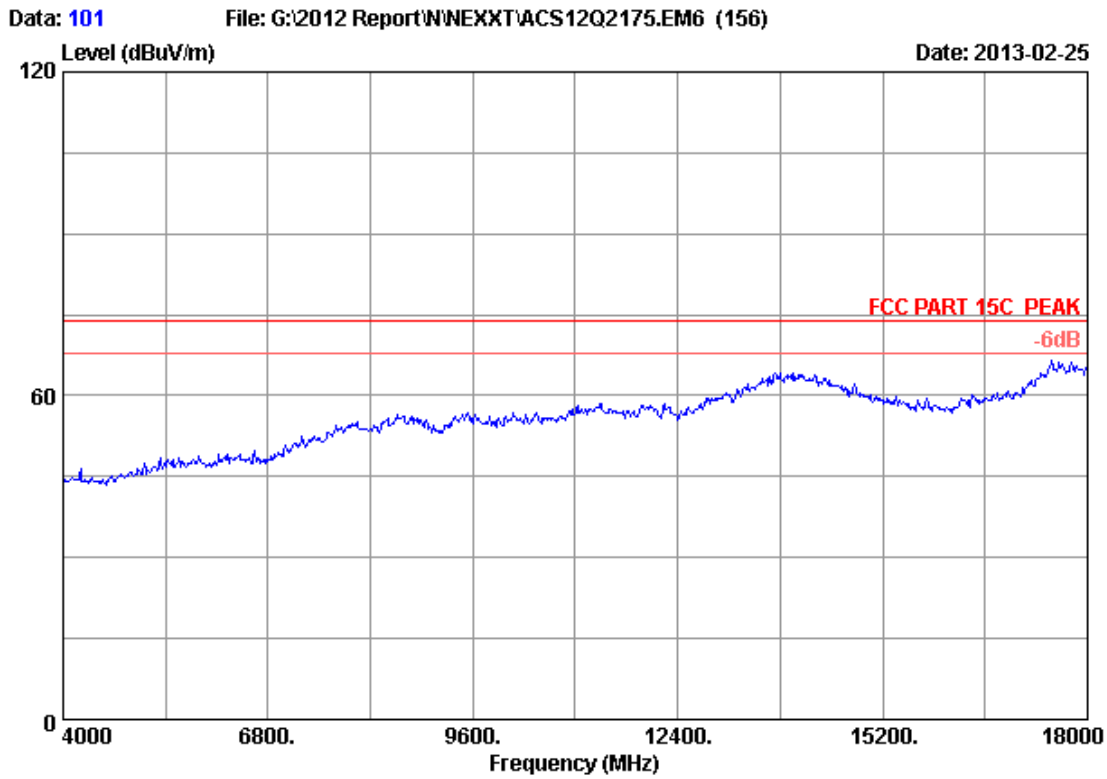

```
Site no.      : 3m Chamber                Data no.   : 99
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



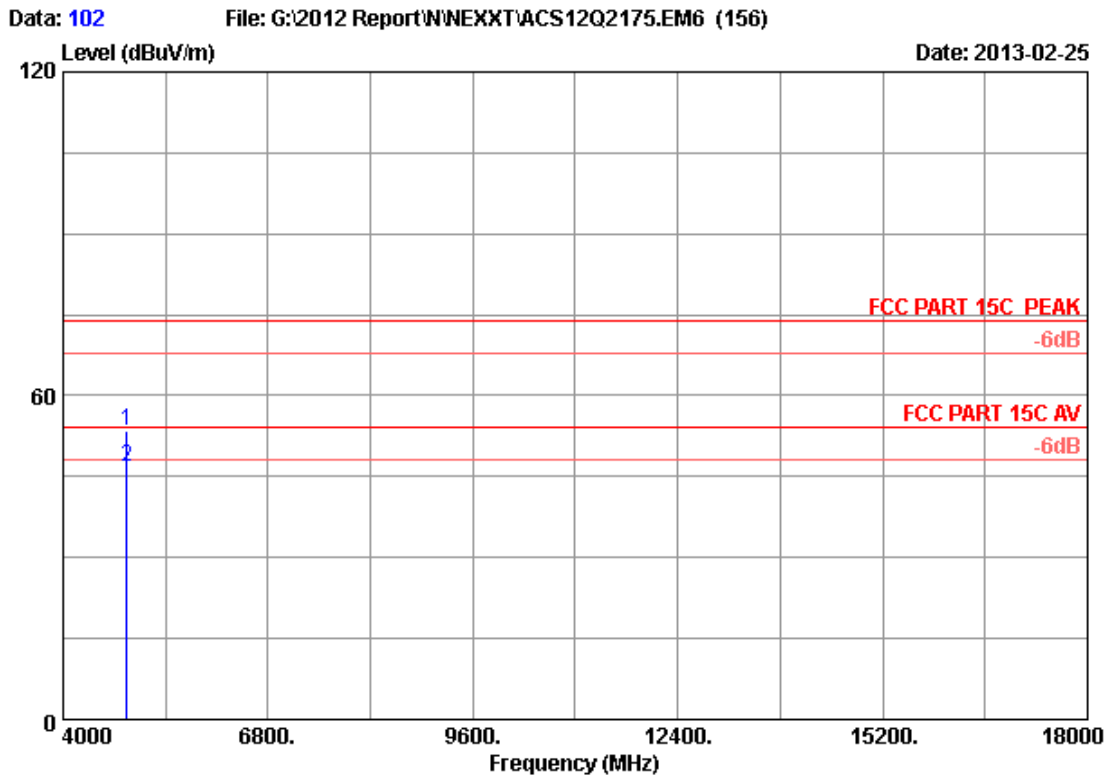
Site no. : 3m Chamber Data no. : 100
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	43.95	55.44	74.00	18.56	Peak
2	4874.000	34.41	12.44	35.36	36.57	48.06	54.00	5.94	Average

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



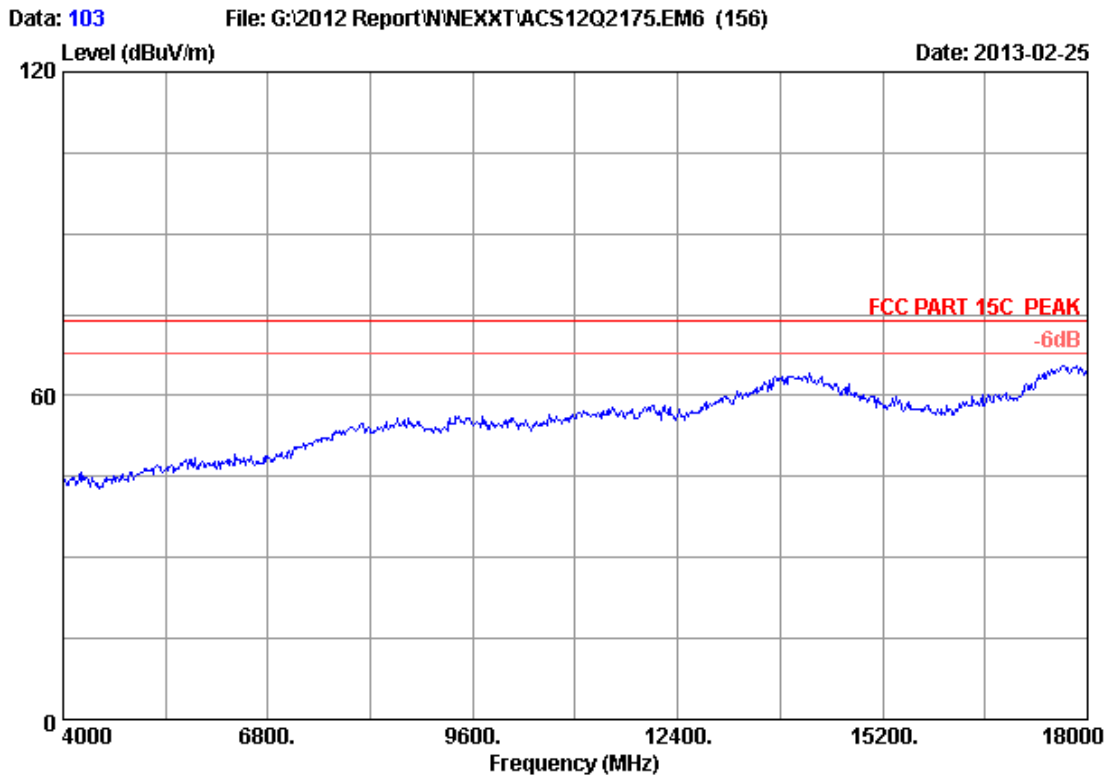

```
Site no.      : 3m Chamber                Data no.   : 101
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH6 2437MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



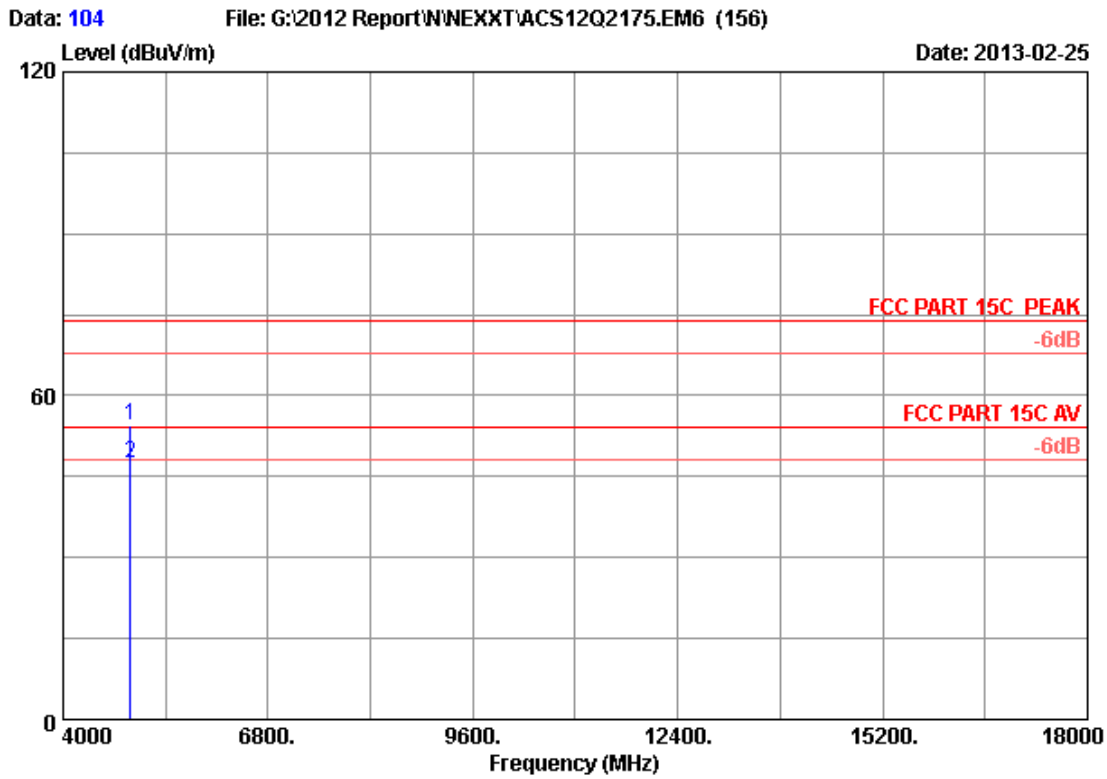
Site no. : 3m Chamber Data no. : 102
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH6 2437MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.09	53.58	74.00	20.42	Peak
2	4874.000	34.41	12.44	35.36	35.28	46.77	54.00	7.23	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.



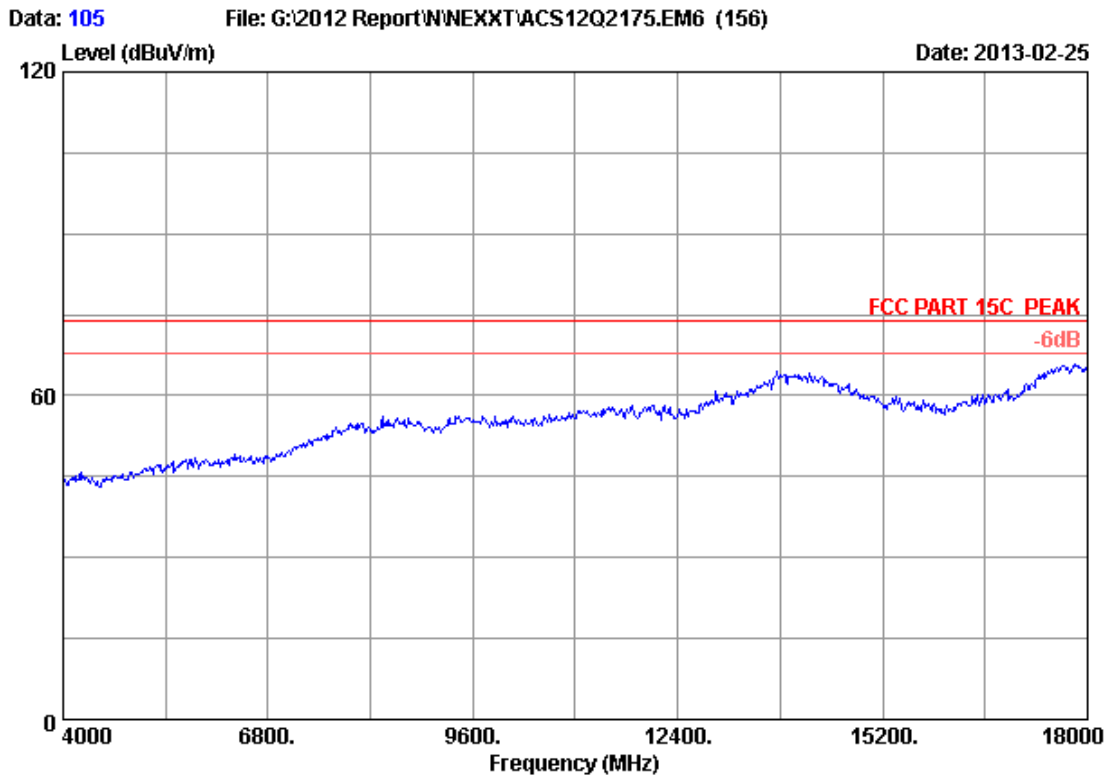

```
Site no.      : 3m Chamber                Data no.   : 103
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



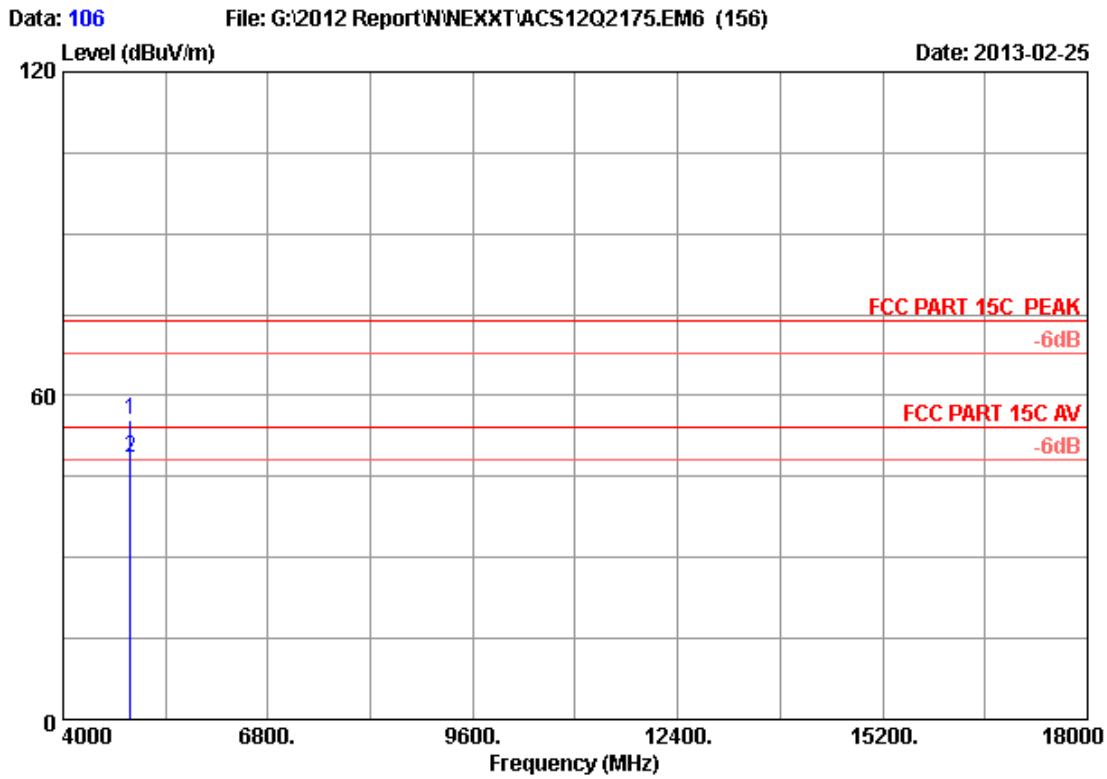
Site no. : 3m Chamber Data no. : 104
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	42.96	54.61	74.00	19.39	Peak
2	4924.000	34.49	12.50	35.34	35.98	47.63	54.00	6.37	Average

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



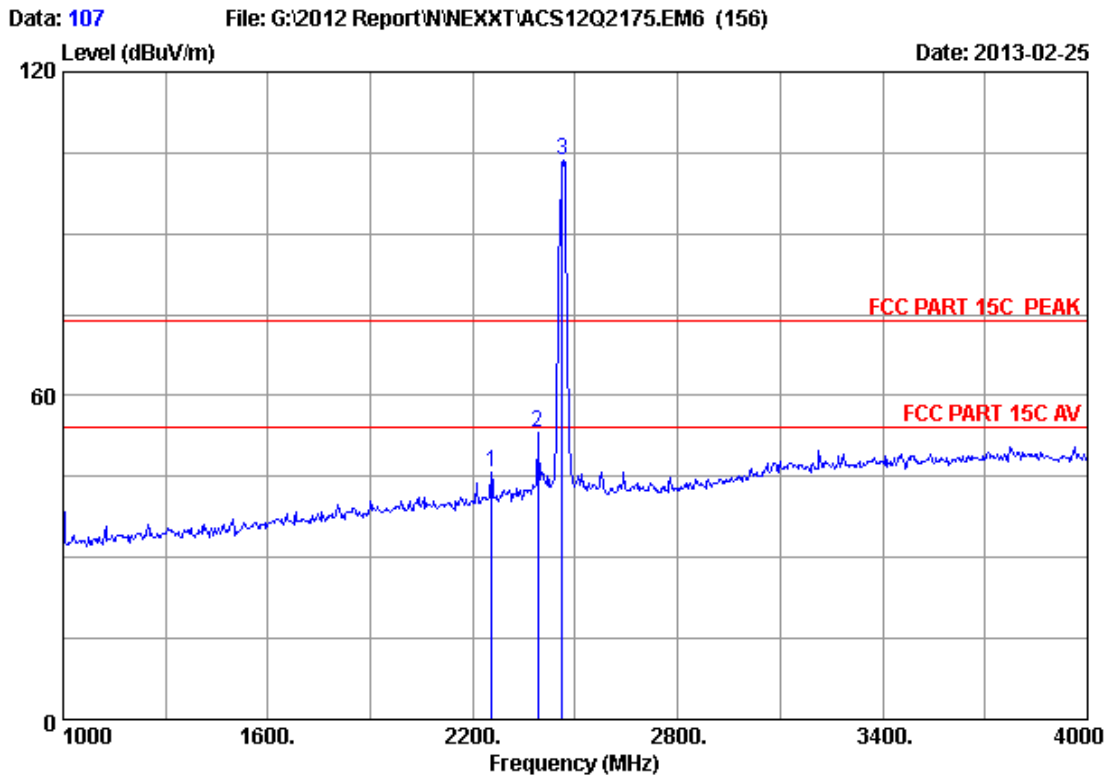

```
Site no.      : 3m Chamber                Data no.   : 105
Dis. / Ant.   : 3m   3115(0911)           Ant. pol.  : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                  Engineer   : Sunny-lu
EUT           : 2.4GHz High Power Wireless Outdoor Access Point
Power supply  : DC 12V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11g CH11 2462MHz Tx
M/N           : AELPLDR4U1
              : ANT_EXTERNAL
```



Site no. : 3m Chamber Data no. : 106
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	43.68	55.33	74.00	18.67	Peak
2	4924.000	34.49	12.50	35.34	36.87	48.52	54.00	5.48	Average

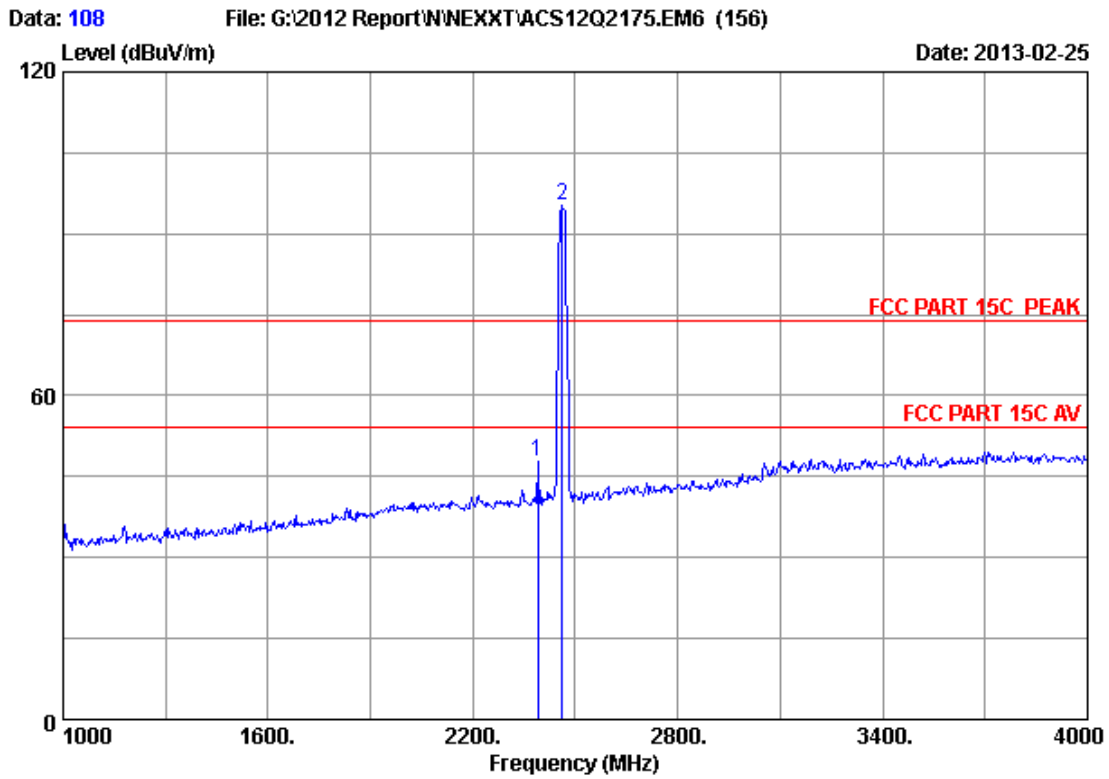
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 107
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2254.000	29.36	8.42	35.85	43.78	45.71	74.00	28.29	Peak
2	2389.000	29.44	8.67	36.09	51.02	53.04	74.00	20.96	Peak
3	2462.000	29.48	8.82	36.02	101.31	103.59	74.00	-29.59	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. : 108
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2389.000	29.44	8.67	36.09	45.88	47.90	74.00	26.10	Peak
2	2462.000	29.48	8.82	36.02	93.04	95.32	74.00	-21.32	Peak

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

5. CONDUCTED SPURIOUS EMISSIONS

5.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY5138022	May.08,12	1 Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08,12	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,12	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.)

EUT: 2.4GHz High Power Wireless Outdoor Access Point		
M/N: AELPLDR4U1		
Test date:2013-02-21	Pressure: 100.6±1kpa	Humidity: 56±3 %
Tested by: Leo Li	Test site: RF site	Temperature： 25±0.6℃

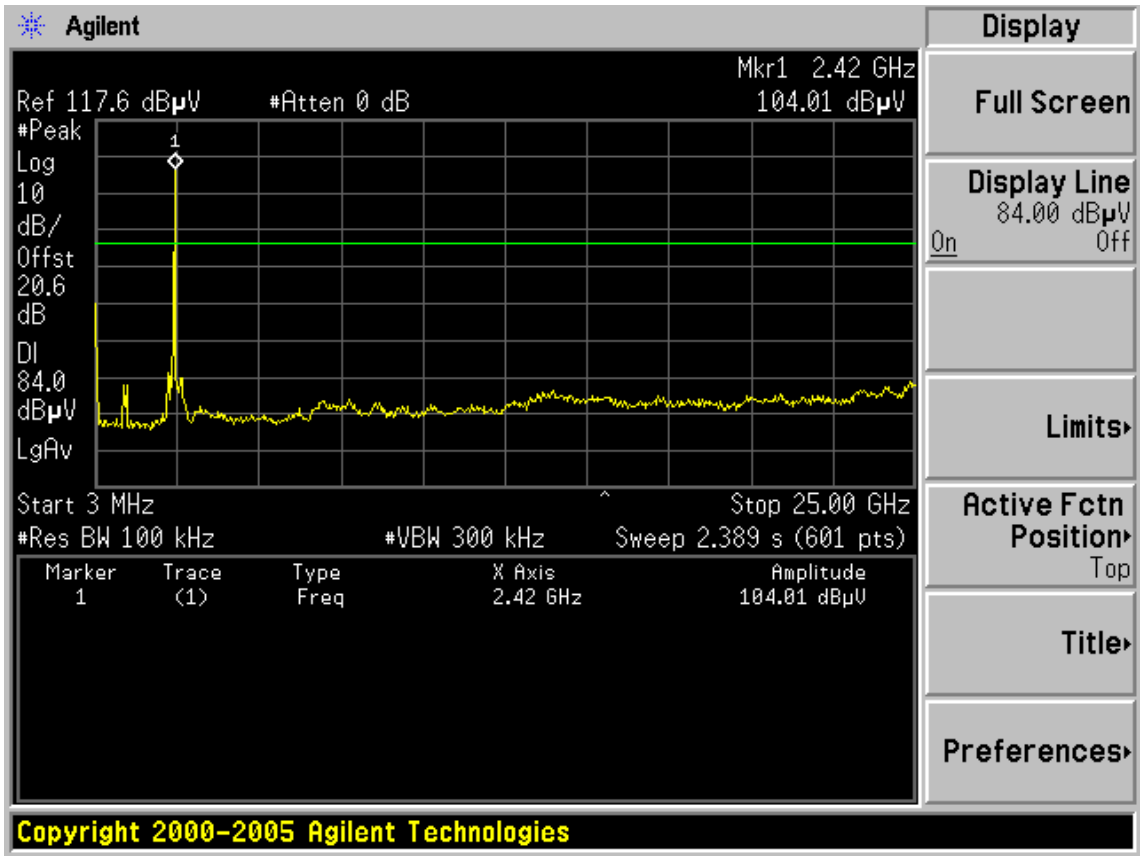
Cable loss: 0.6dB		Attenuator loss: 20dB		
Antenna Gain: Vertical& Horizontal antenna:12dBi External antenna :9dBi				
Test Mode	CH	Internal Antenna		External Antenna
		Vertical	Horizontal	
11b	CH1	PASS	PASS	PASS
	CH6	PASS	PASS	PASS
	CH11	PASS	PASS	PASS
11g	CH1	PASS	PASS	PASS
	CH6	PASS	PASS	PASS
	CH11	PASS	PASS	PASS
Note: See below original test data.				

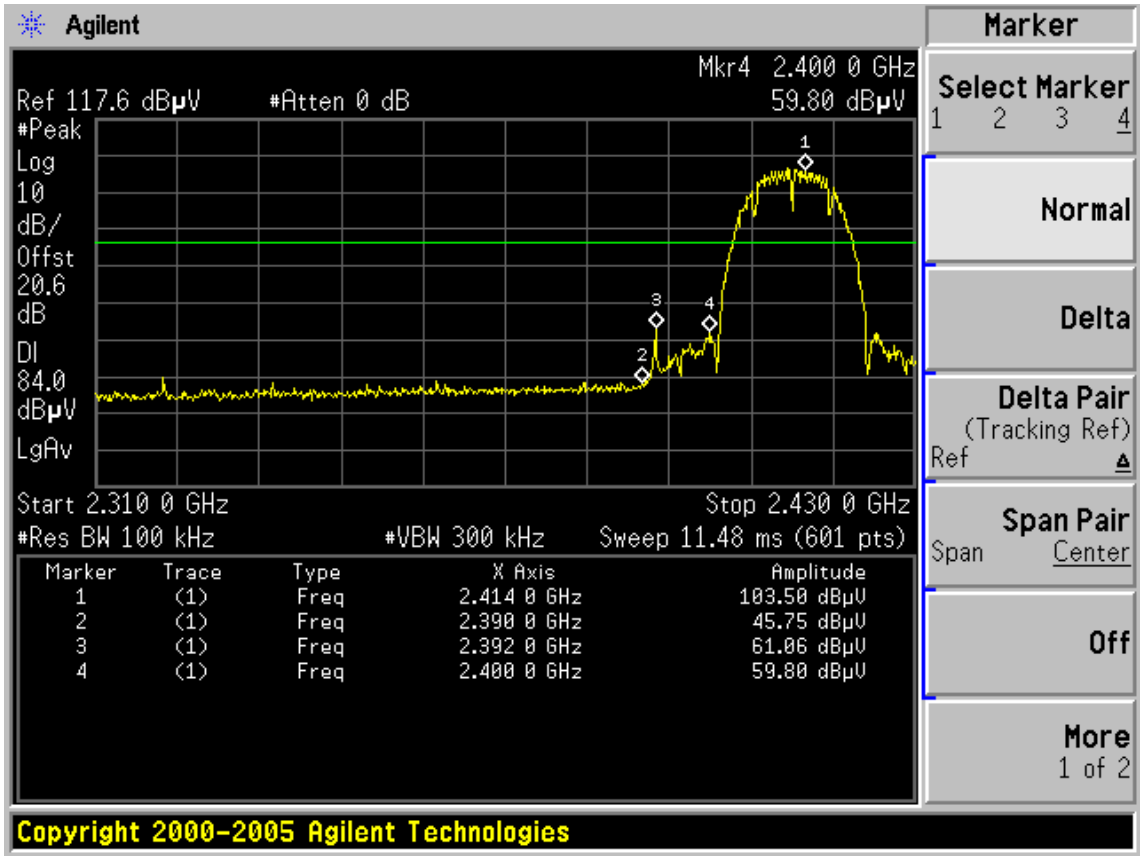
Conducted emission test data:

External:

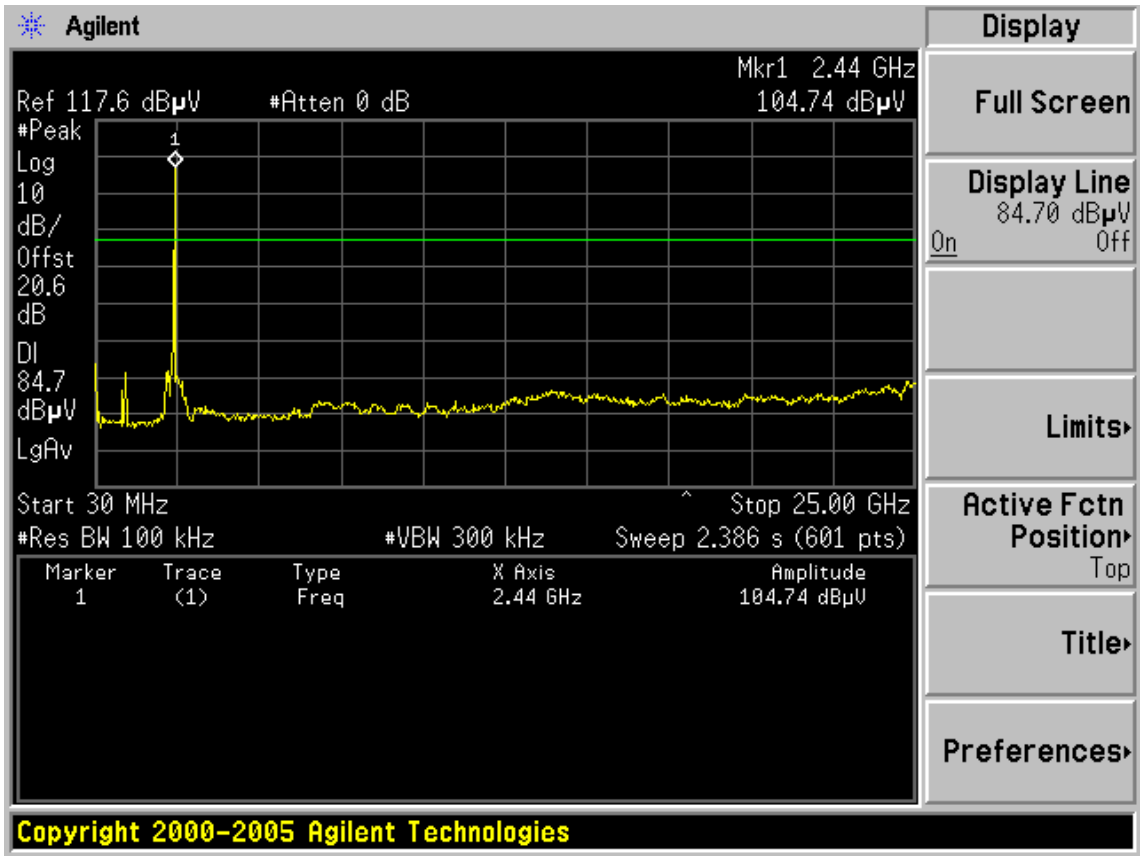
Test Mode: IEEE 802.11b TX

CH1

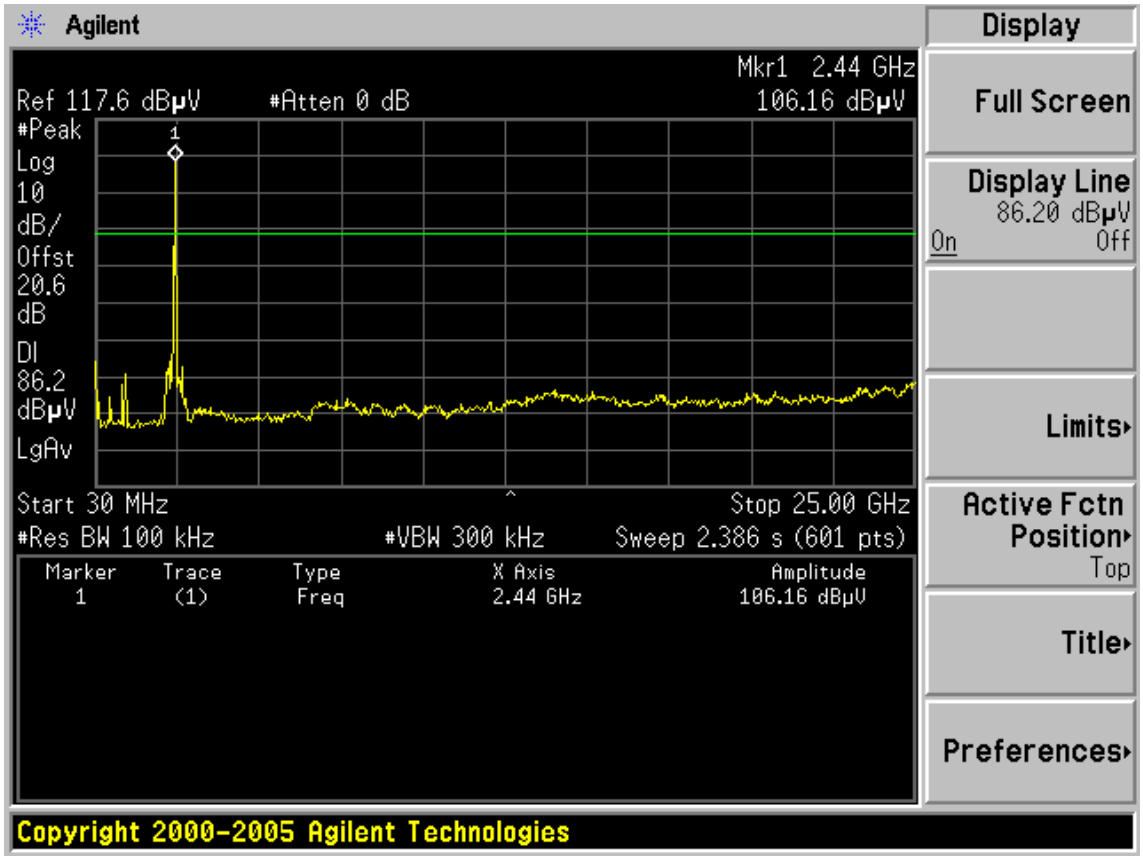


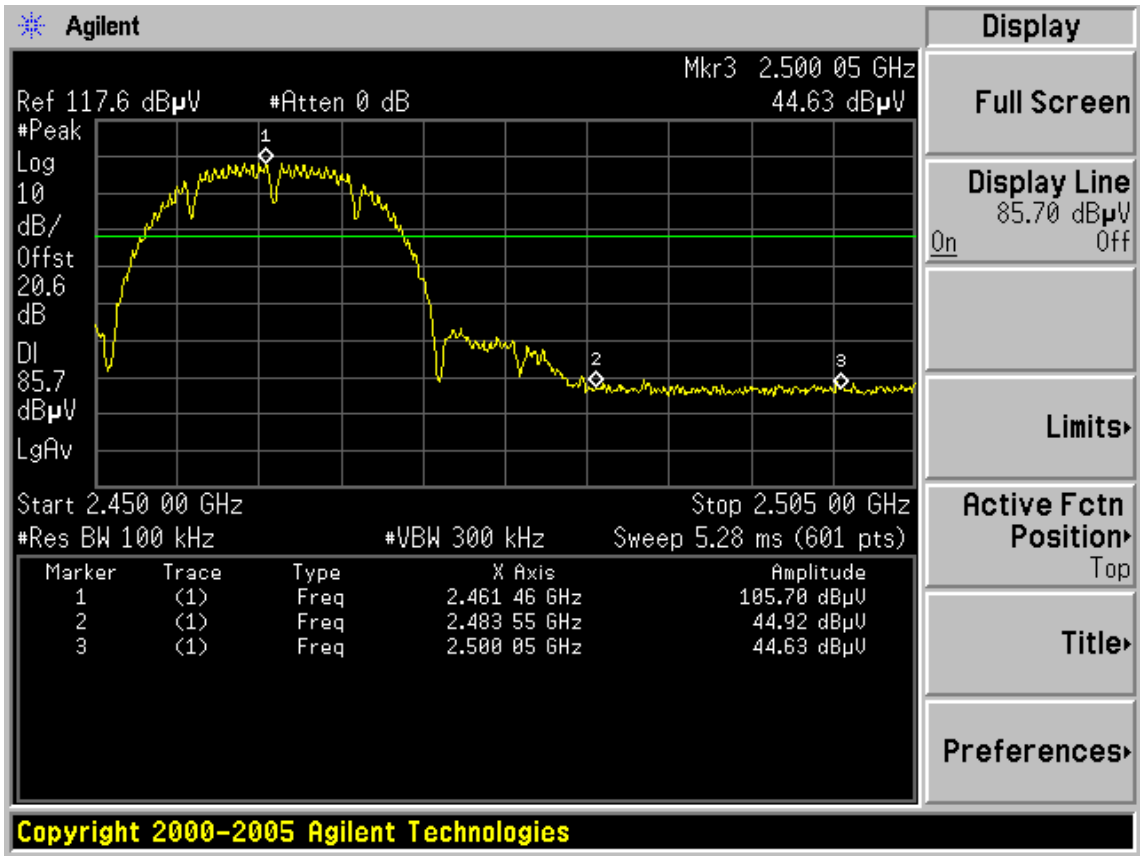


CH6

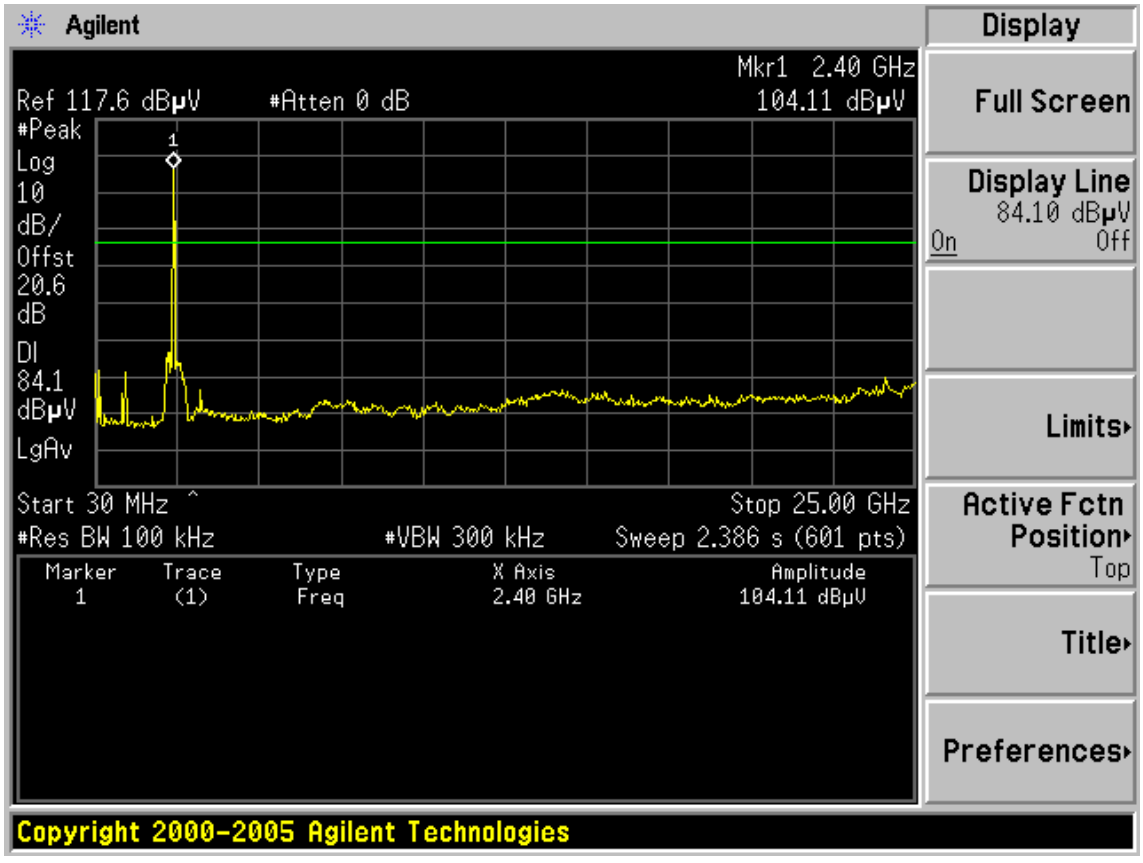

Agilent
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
104.74 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.7
dBµV
LgAv
Full Screen
Display Line
84.70 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 104.74 dBµV
Copyright 2000-2005 Agilent Technologies

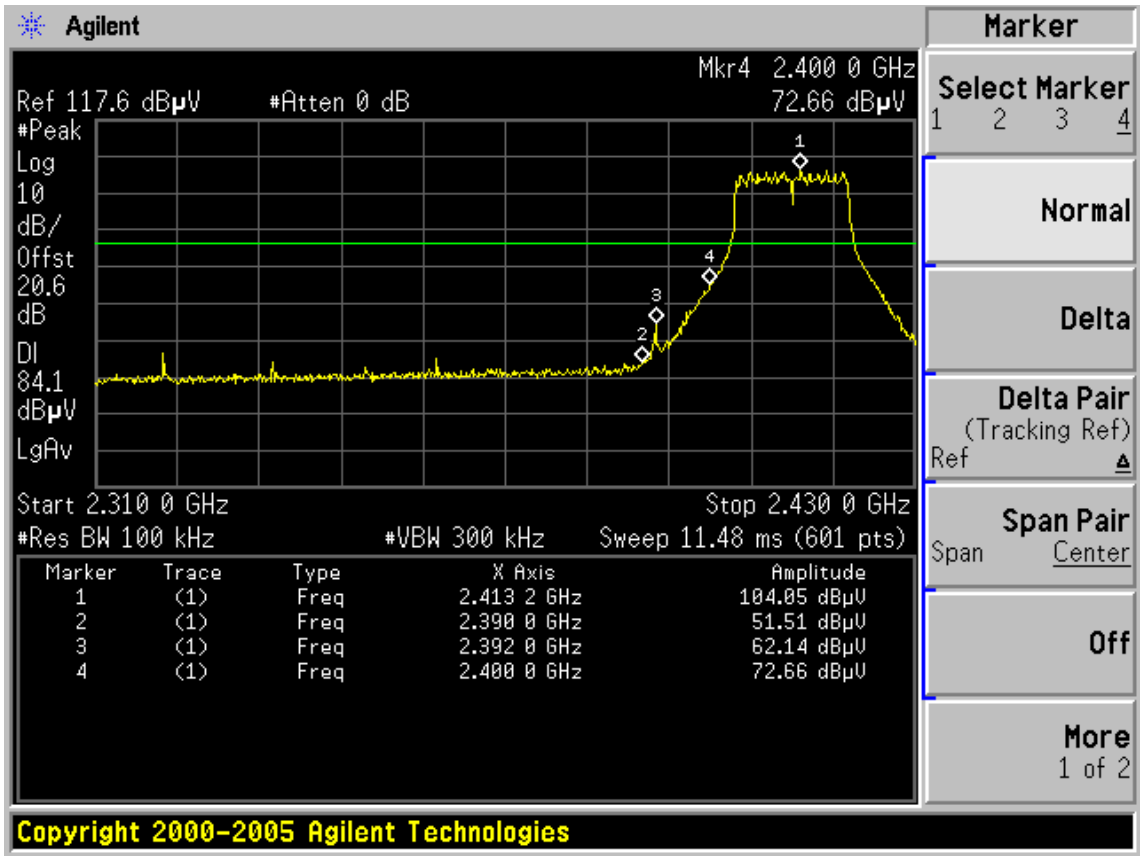
CH11


Agilent
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
106.16 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.2
dBµV
LgAv
Full Screen
Display Line
86.20 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 106.16 dBµV
Copyright 2000-2005 Agilent Technologies

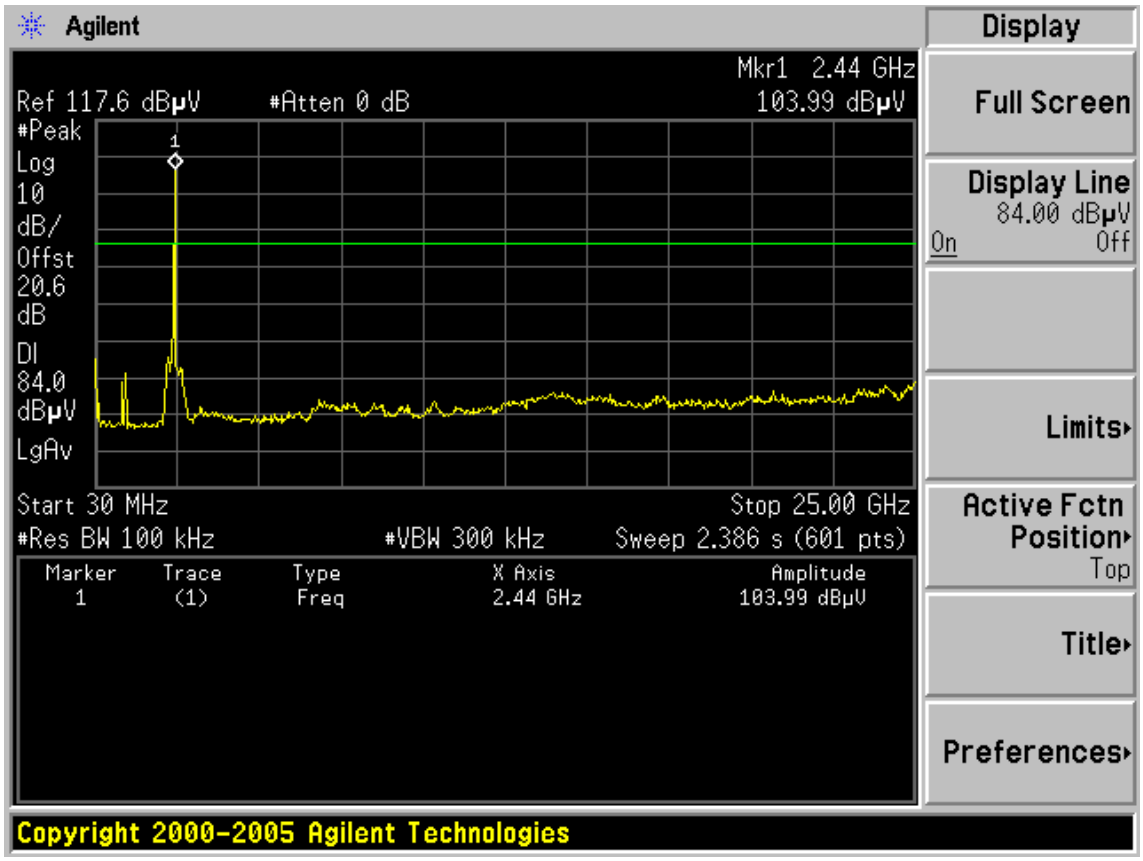


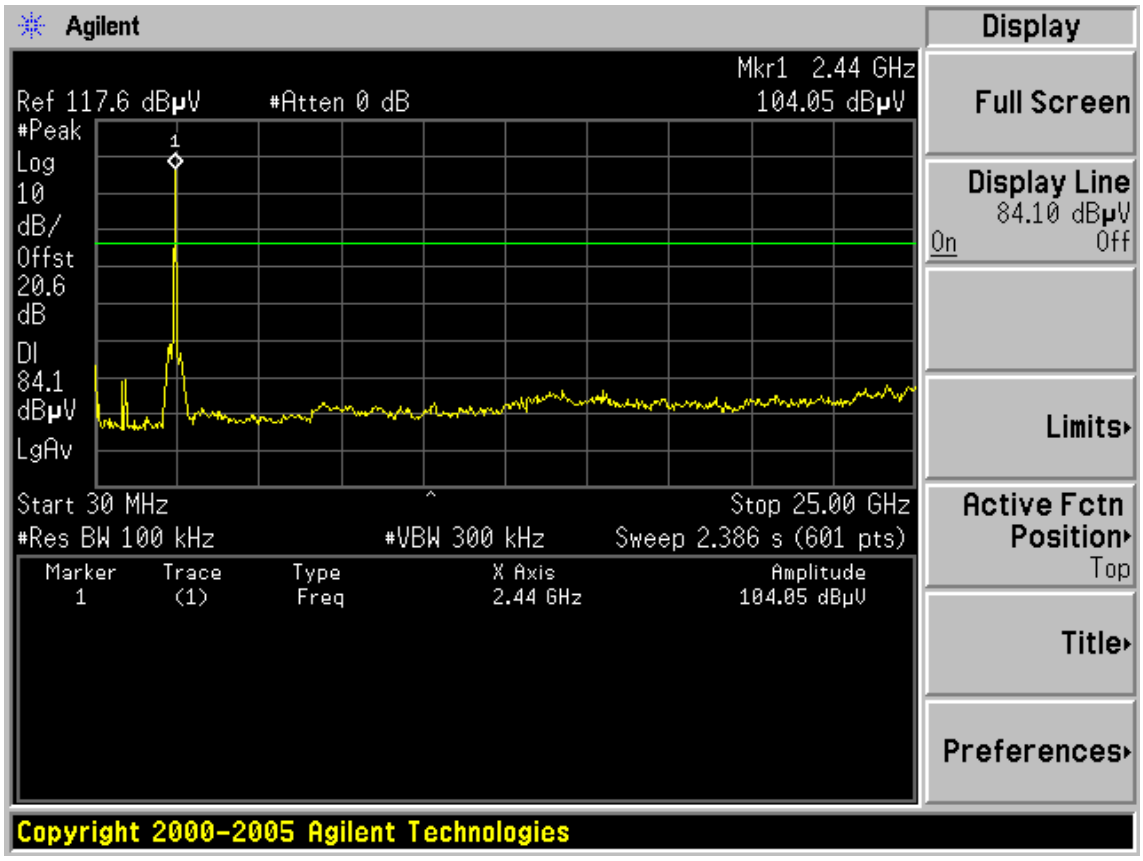
Test Mode: IEEE 802.11g TX
CH1



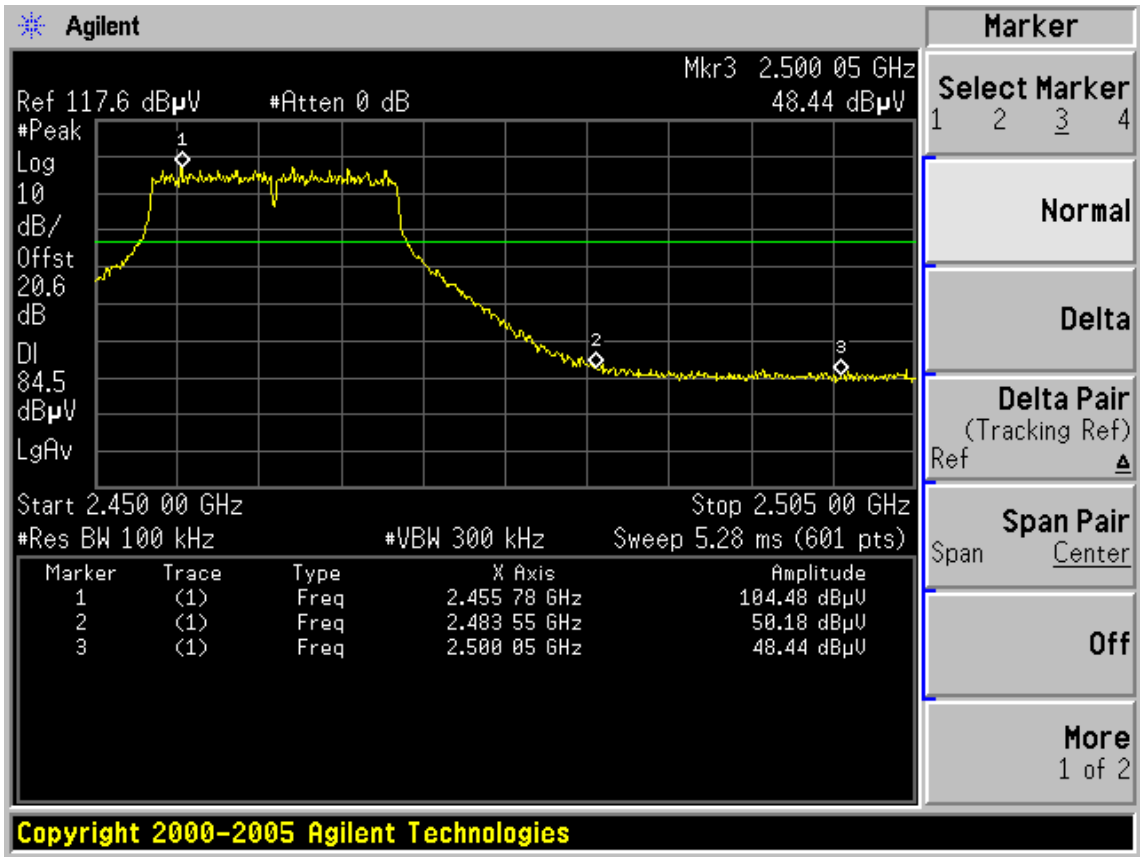

Agilent
Marker
Mkr4 2.400 0 GHz
Ref 117.6 dBµV
#Atten 0 dB
72.66 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.1
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 2.310 0 GHz
Stop 2.430 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 11.48 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.413 2 GHz 104.05 dBµV
2 (1) Freq 2.390 0 GHz 51.51 dBµV
3 (1) Freq 2.392 0 GHz 62.14 dBµV
4 (1) Freq 2.400 0 GHz 72.66 dBµV
Copyright 2000-2005 Agilent Technologies

CH6

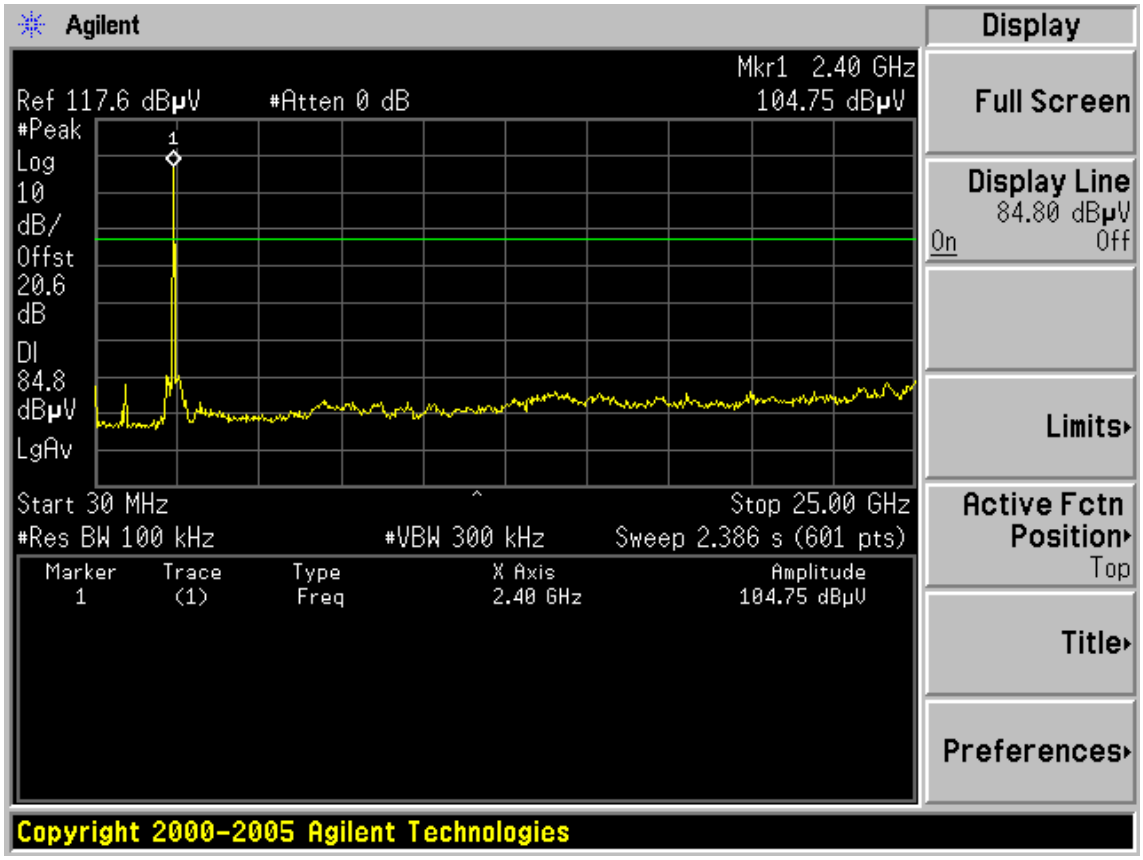

Agilent
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
103.99 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.0
dBµV
LgAv
Full Screen
Display Line
84.00 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 103.99 dBµV
Copyright 2000-2005 Agilent Technologies

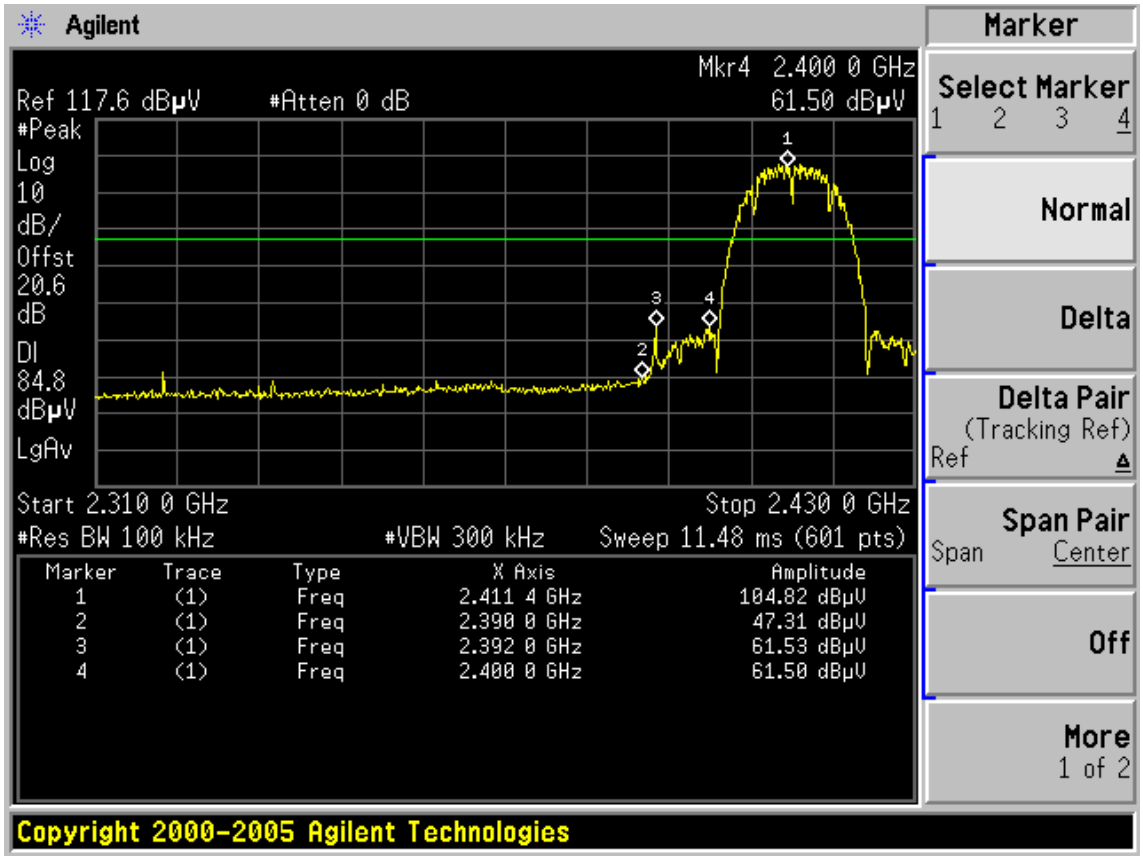

Agilent
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
104.05 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.1
dBµV
LgAv
Full Screen
Display Line
84.10 dBµV
On
Off
Limits
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Active Fctn
Position
Top
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 104.05 dBµV
Title
Preferences
Copyright 2000-2005 Agilent Technologies

CH11

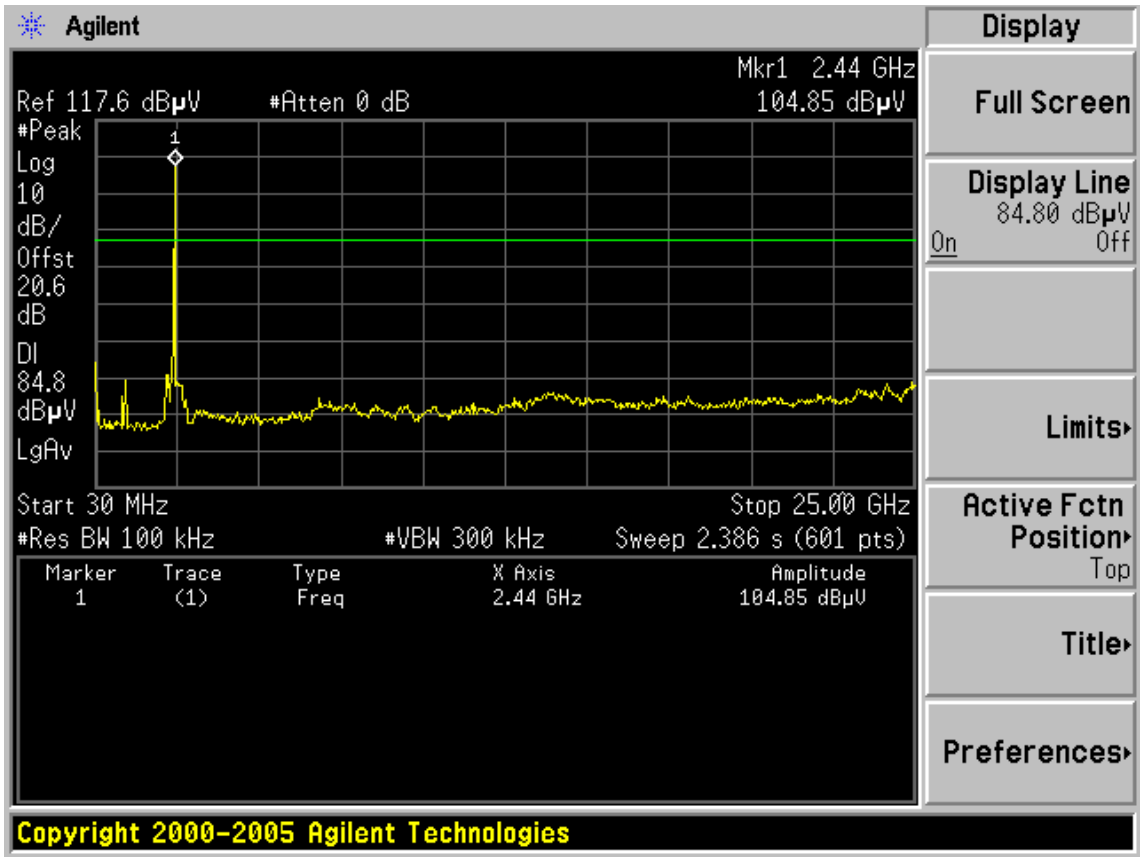

Agilent
Marker
Mkr3 2.500 05 GHz
Ref 117.6 dBµV
#Atten 0 dB
48.44 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.5
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 78 GHz 104.48 dBµV
2 (1) Freq 2.483 55 GHz 50.18 dBµV
3 (1) Freq 2.500 05 GHz 48.44 dBµV
Copyright 2000-2005 Agilent Technologies

Horizontal:
Test Mode: IEEE 802.11b TX
CH1

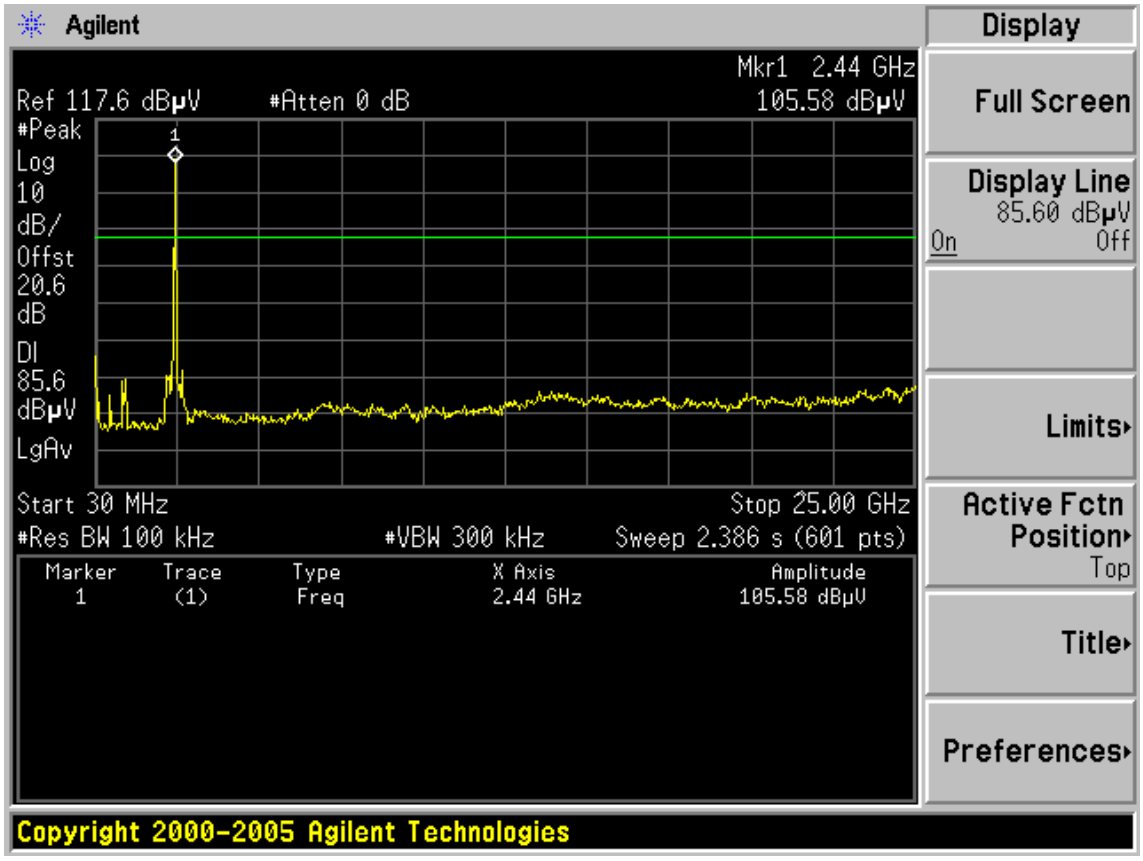


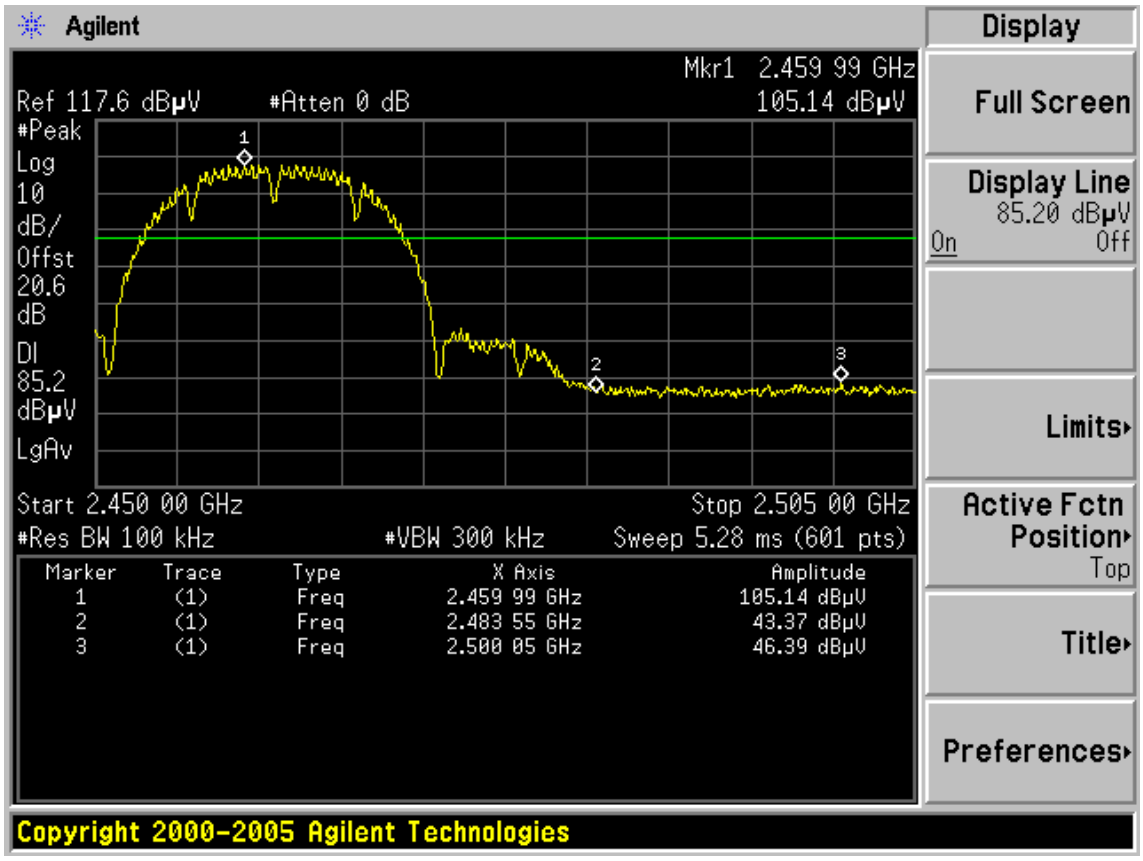


CH6

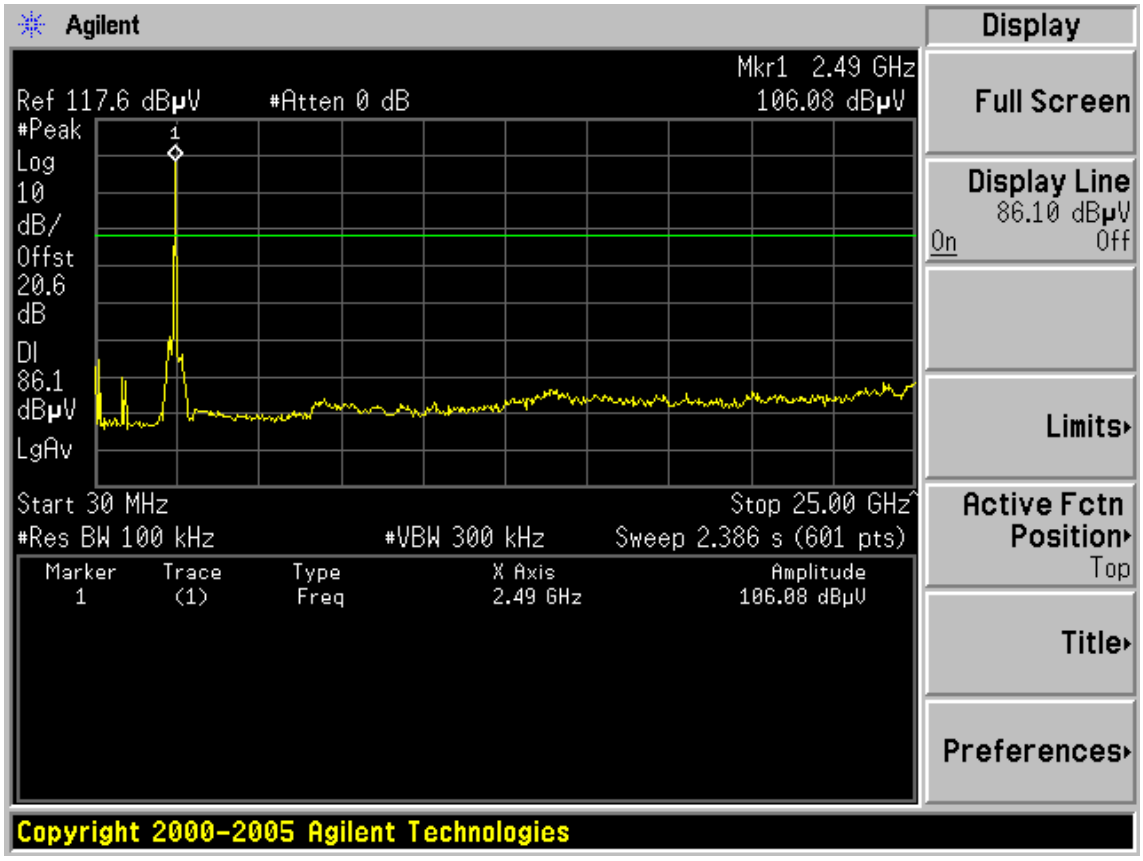

Agilent
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
104.85 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.8
dBµV
LgAv
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 104.85 dBµV
Display
Full Screen
Display Line
84.80 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Copyright 2000-2005 Agilent Technologies

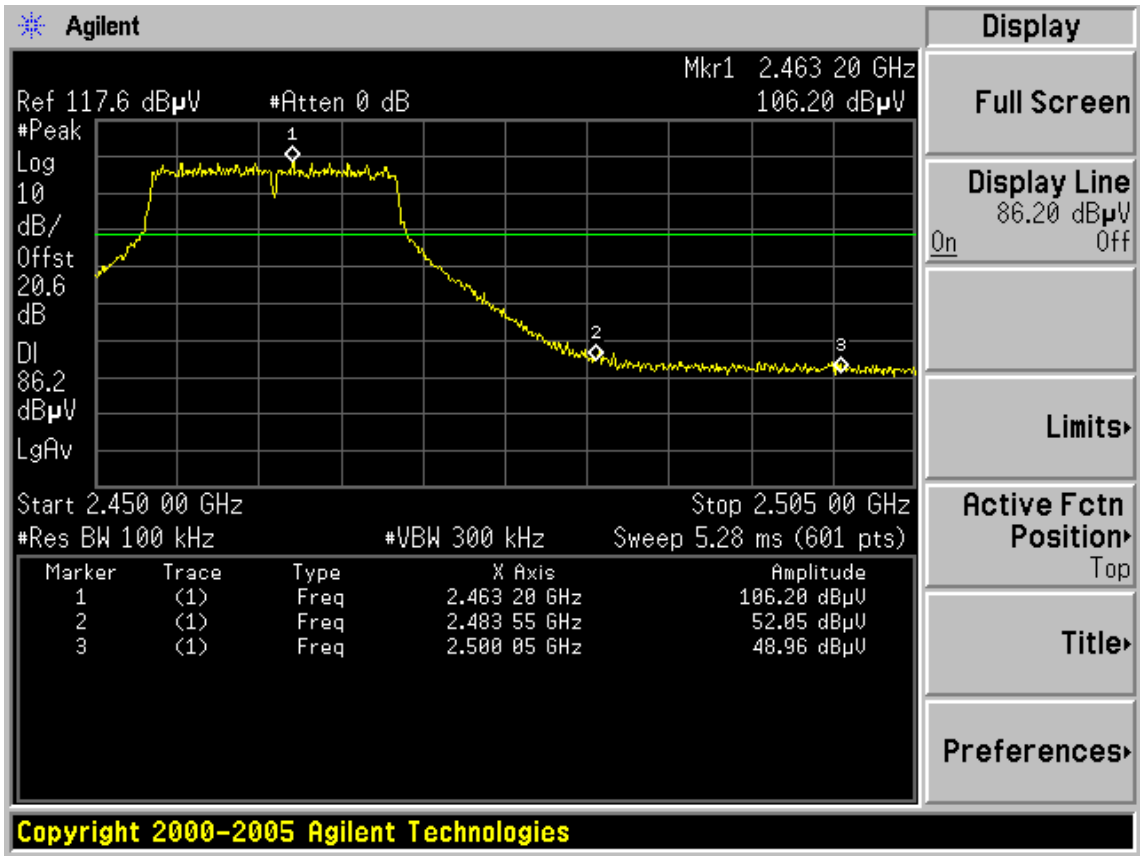
CH11


Agilent
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
105.58 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.6
dBµV
LgAv
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 105.58 dBµV
Display
Full Screen
Display Line
85.60 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Copyright 2000-2005 Agilent Technologies

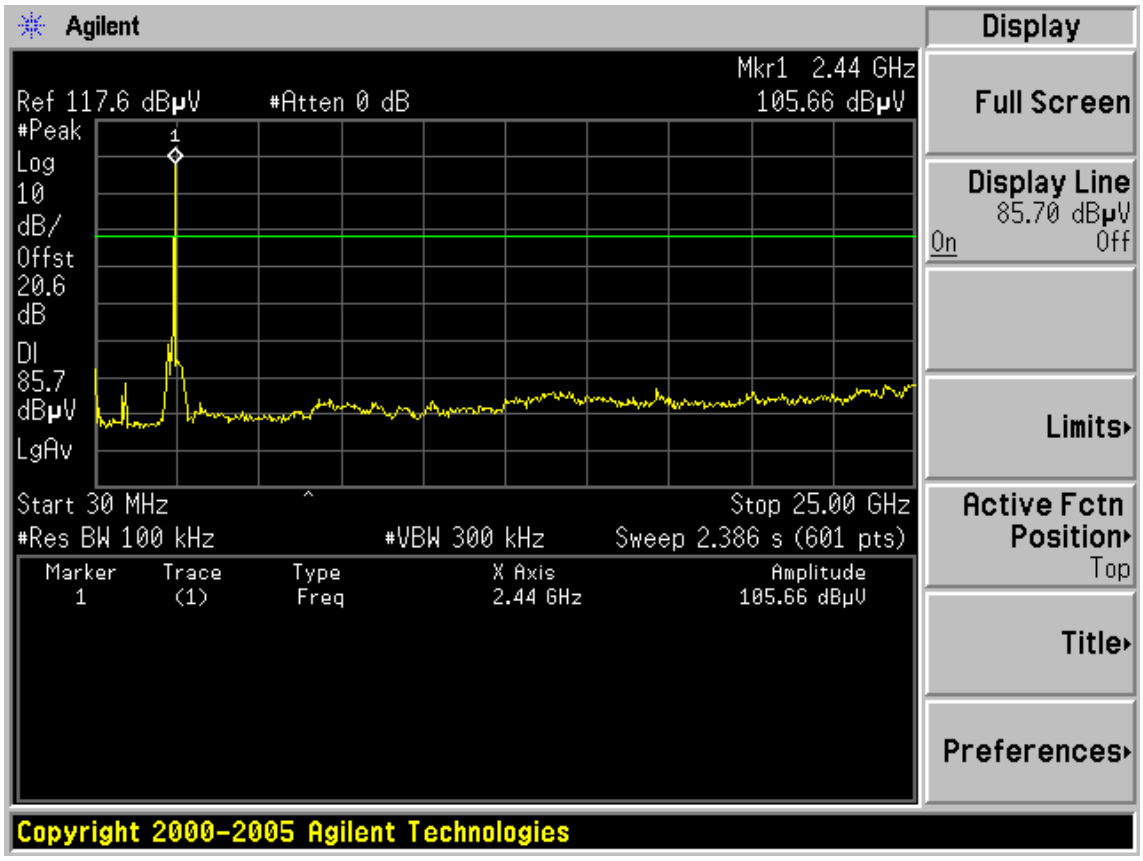


Test Mode: IEEE 802.11g TX
CH1

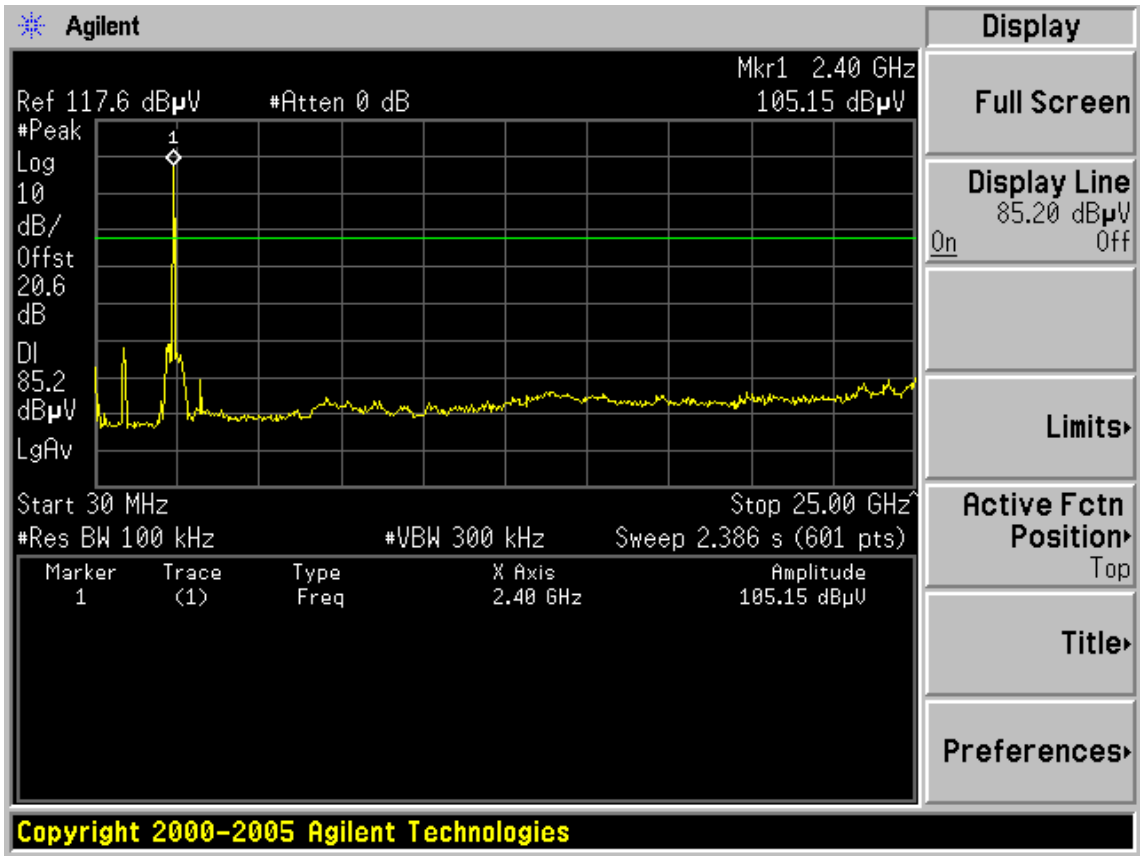


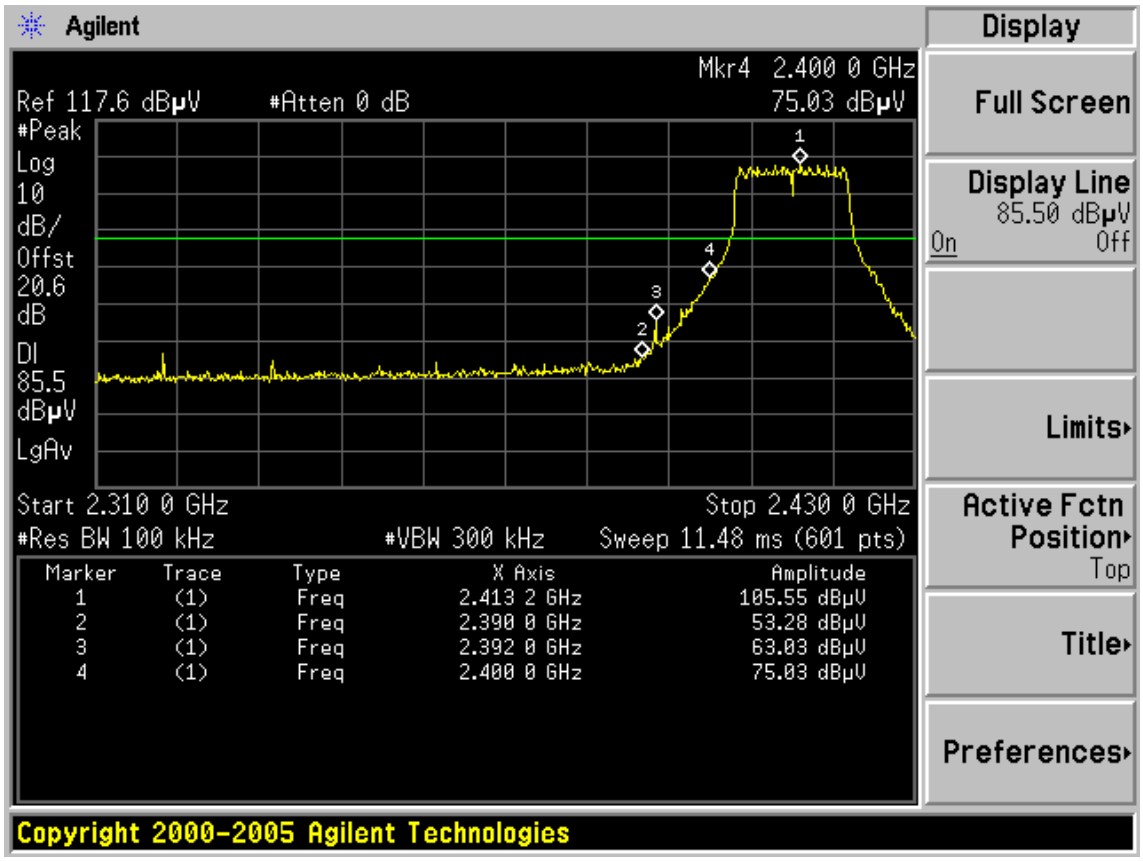

Agilent
Display
Mkr1 2.463 20 GHz
Ref 117.6 dBµV
#Atten 0 dB
106.20 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.2
dBµV
LgAv
Full Screen
Display Line
86.20 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.463 20 GHz 106.20 dBµV
2 (1) Freq 2.483 55 GHz 52.05 dBµV
3 (1) Freq 2.500 05 GHz 48.96 dBµV
Copyright 2000-2005 Agilent Technologies

CH6

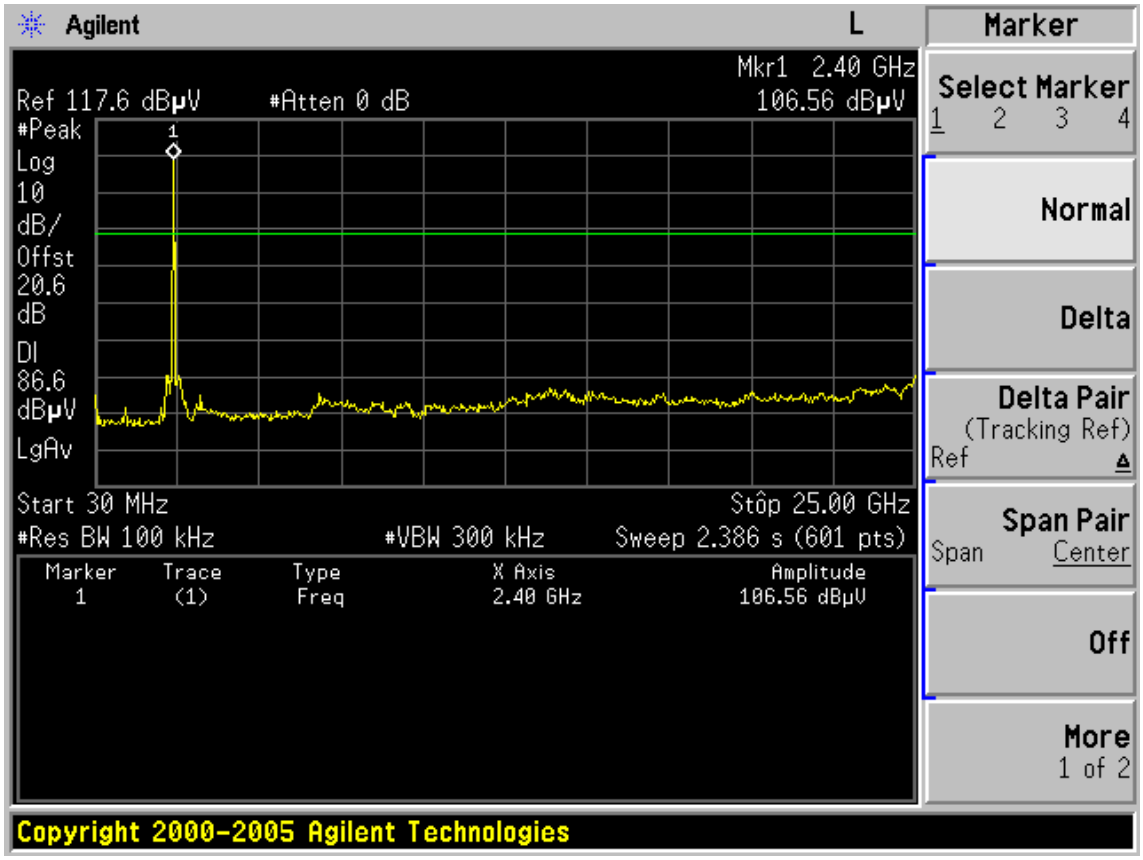

Agilent
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
105.66 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.7
dBµV
LgAv
Full Screen
Display Line
85.70 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 105.66 dBµV
Copyright 2000-2005 Agilent Technologies

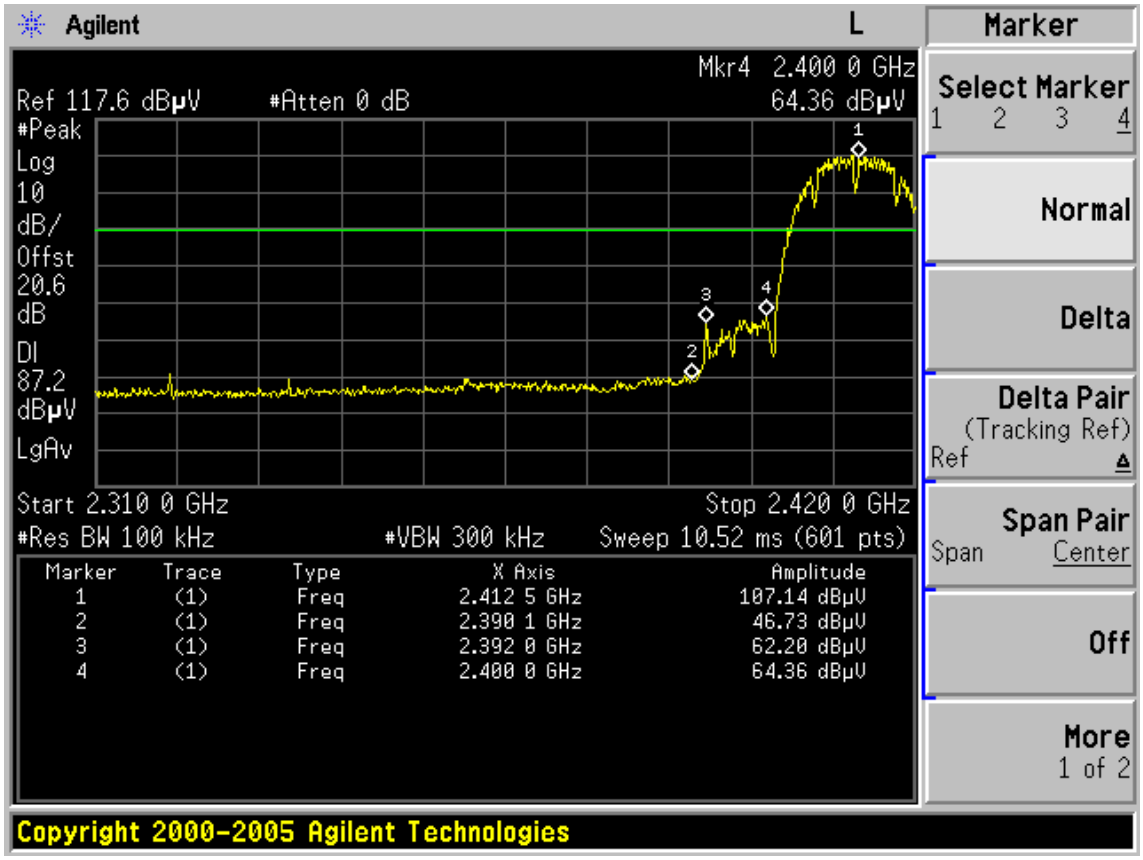
CH11


Agilent
Display
Mkr1 2.40 GHz
Ref 117.6 dBµV
#Atten 0 dB
105.15 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.2
dBµV
LgAv
Full Screen
Display Line
85.20 dBµV
On
Off
Limits
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Active Fctn
Position
Top
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.40 GHz 105.15 dBµV
Title
Preferences
Copyright 2000-2005 Agilent Technologies

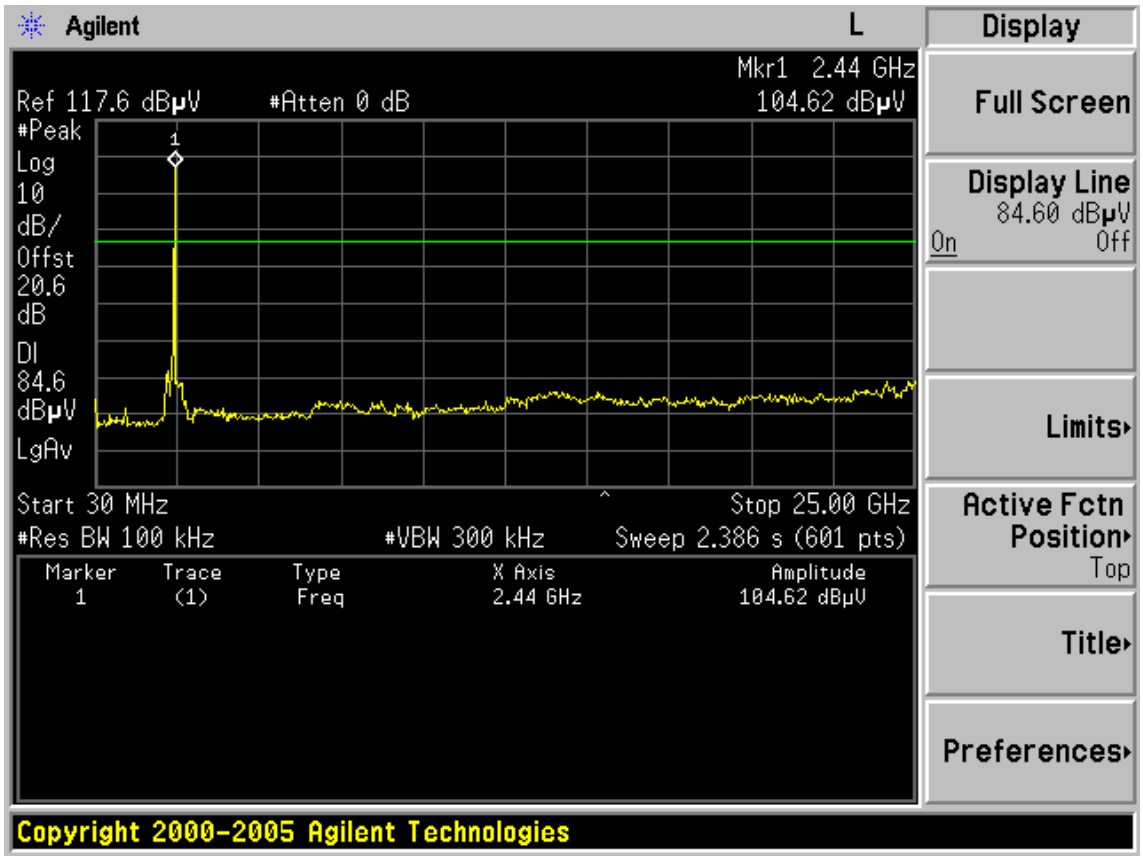

Agilent
Display
Mkr4 2.400 0 GHz
Ref 117.6 dBµV
#Atten 0 dB
75.03 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.5
dBµV
LgAv
Full Screen
Display Line
85.50 dBµV
On
Off
Limits
Start 2.310 0 GHz
Stop 2.430 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 11.48 ms (601 pts)
Active Fctn
Position
Top
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.413 2 GHz 105.55 dBµV
2 (1) Freq 2.390 0 GHz 53.28 dBµV
3 (1) Freq 2.392 0 GHz 63.03 dBµV
4 (1) Freq 2.400 0 GHz 75.03 dBµV
Title
Preferences
Copyright 2000-2005 Agilent Technologies

Vertical:
Test Mode: IEEE 802.11b TX
CH1

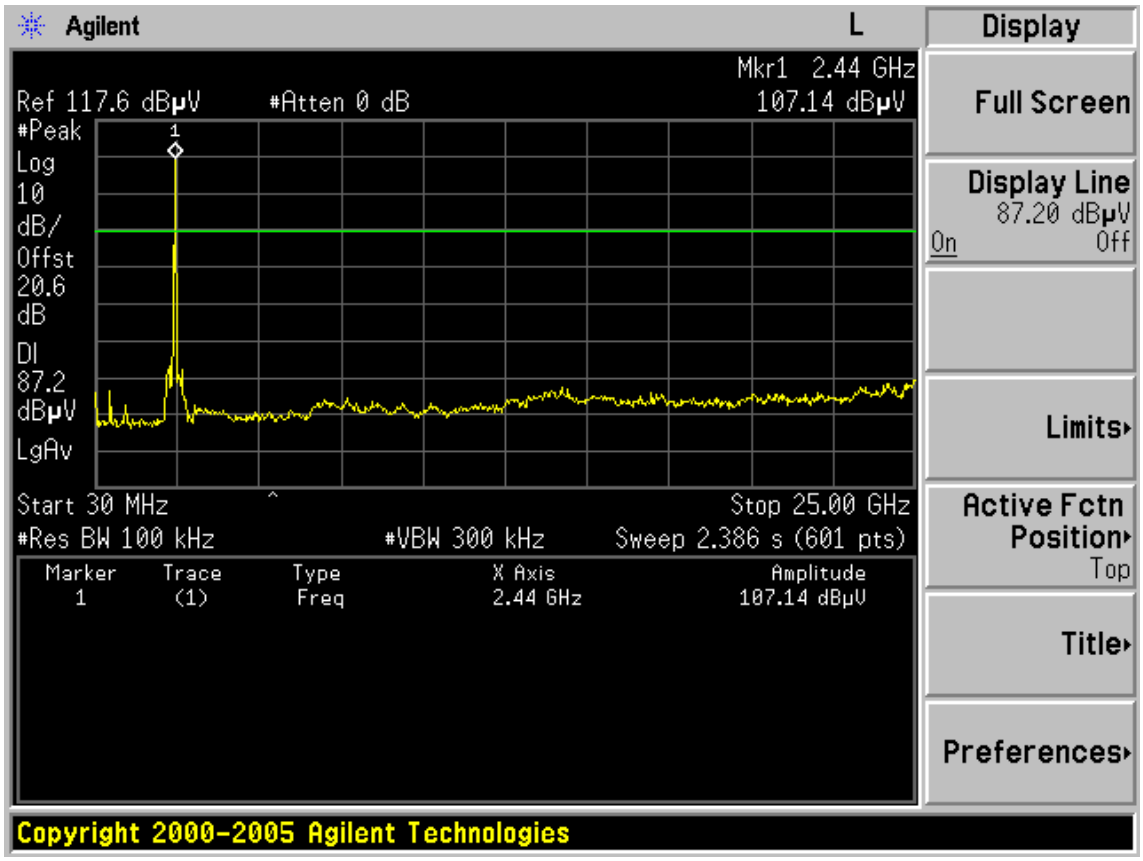


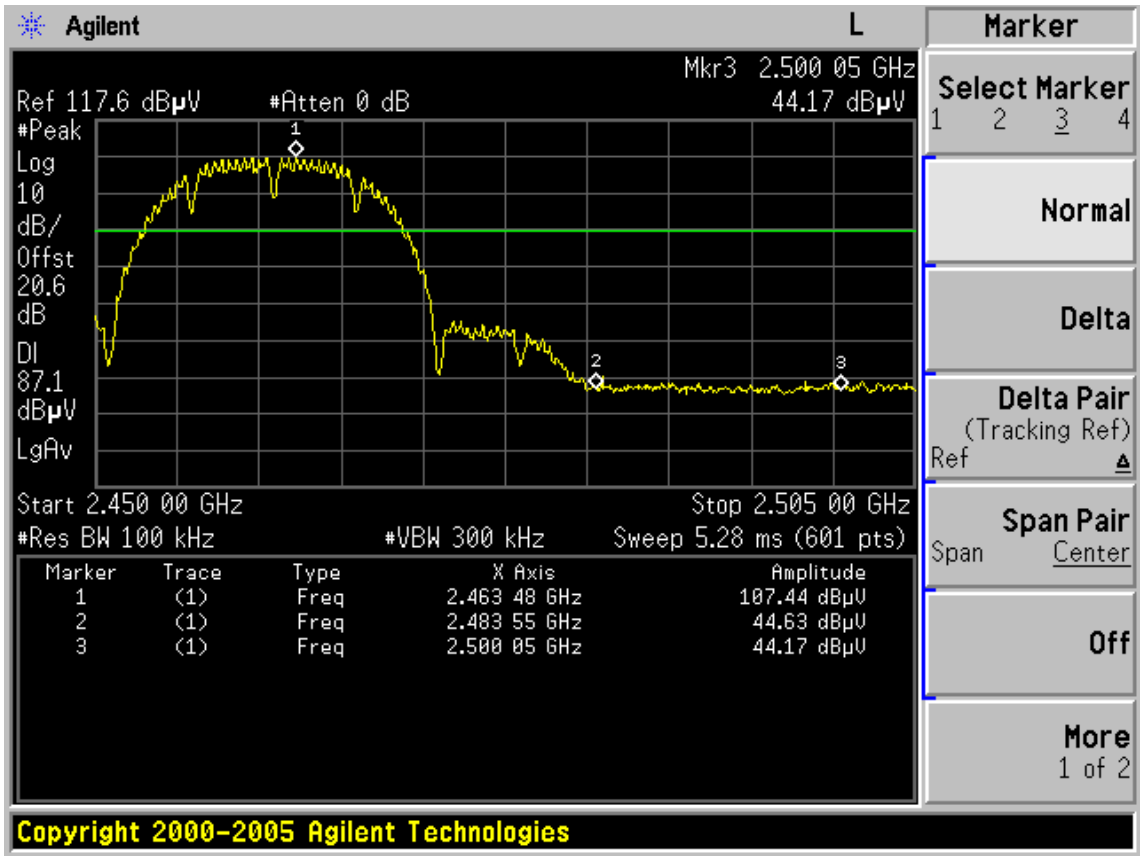


CH6

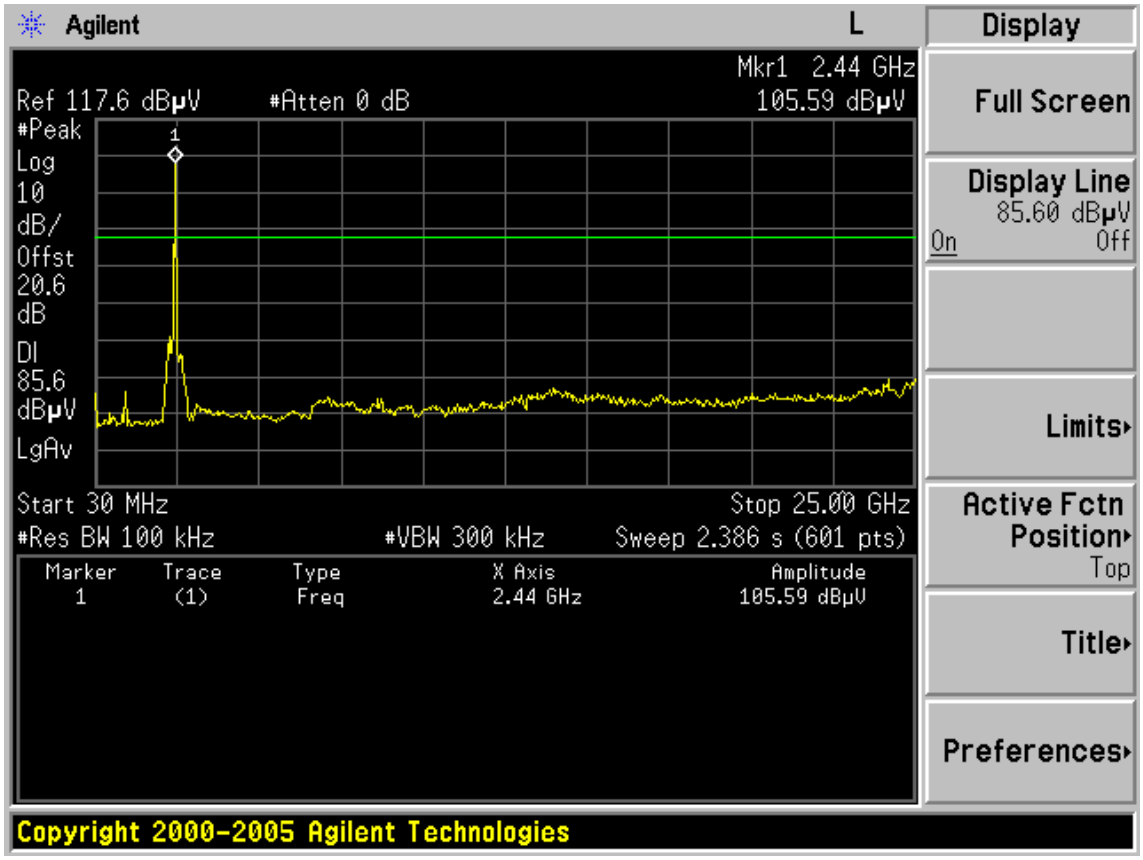

Agilent
L
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
104.62 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
84.6
dBµV
LgAv
Full Screen
Display Line
84.60 dBµV
On
Off
Limits
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Active Fctn
Position
Top
Marker
Trace
Type
X Axis
Amplitude
1
(1)
Freq
2.44 GHz
104.62 dBµV
Title
Preferences
Copyright 2000-2005 Agilent Technologies

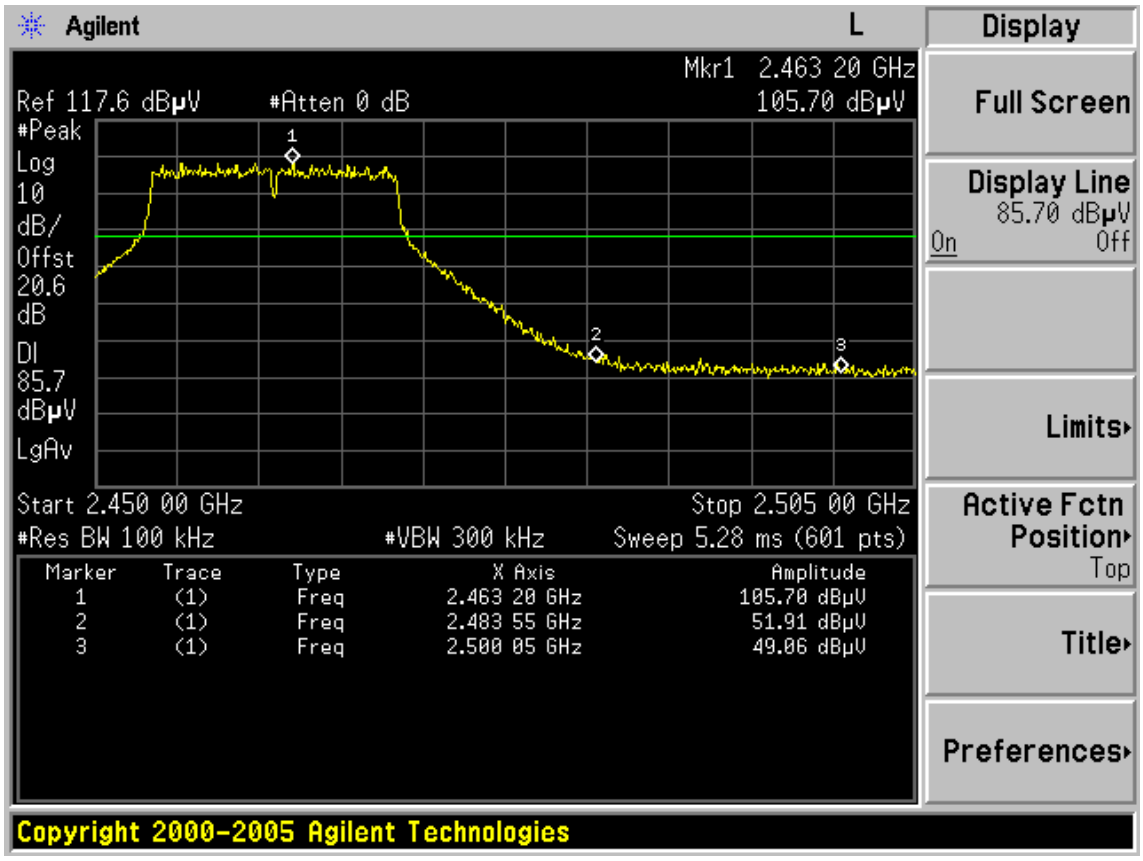
CH11


Agilent
L
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
107.14 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.2
dBµV
LgAv
Full Screen
Display Line
87.20 dBµV
On
Off
Limits
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Active Fctn
Position
Top
Marker
Trace
Type
X Axis
Amplitude
1
(1)
Freq
2.44 GHz
107.14 dBµV
Title
Preferences
Copyright 2000-2005 Agilent Technologies

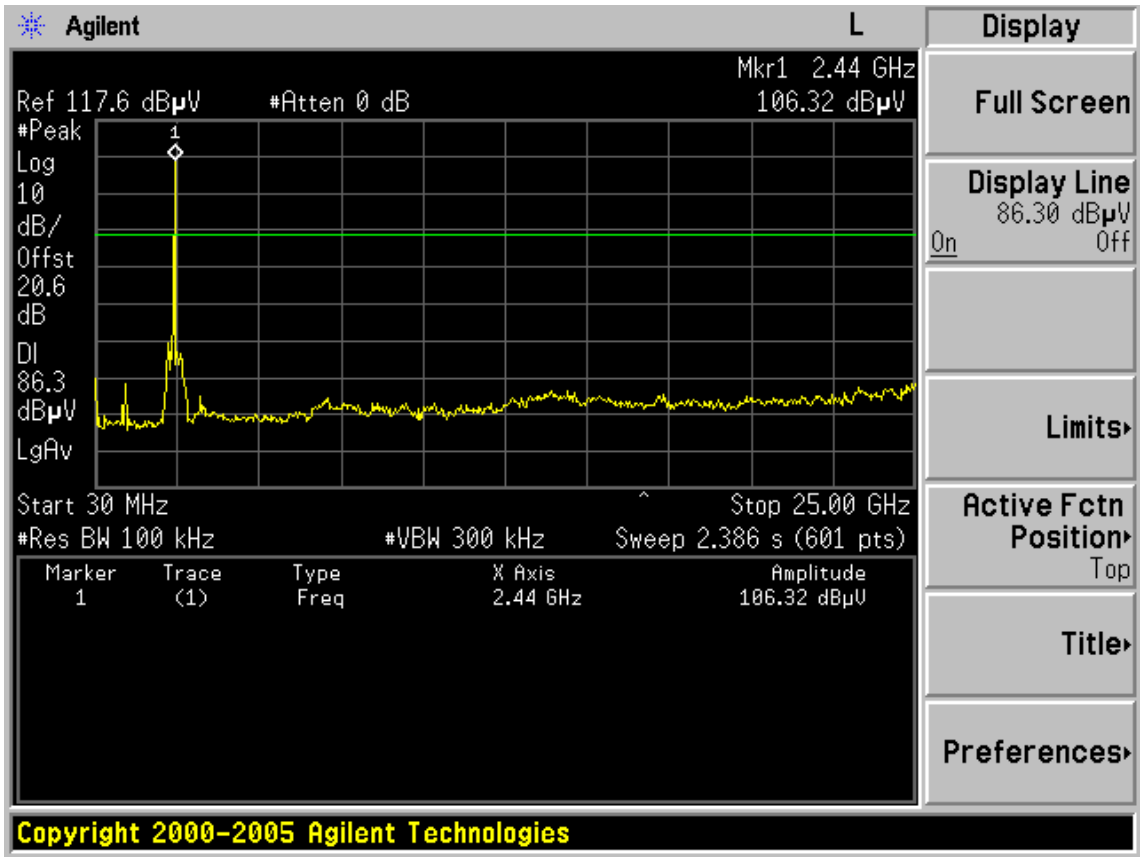


Test Mode: IEEE 802.11g TX
CH1

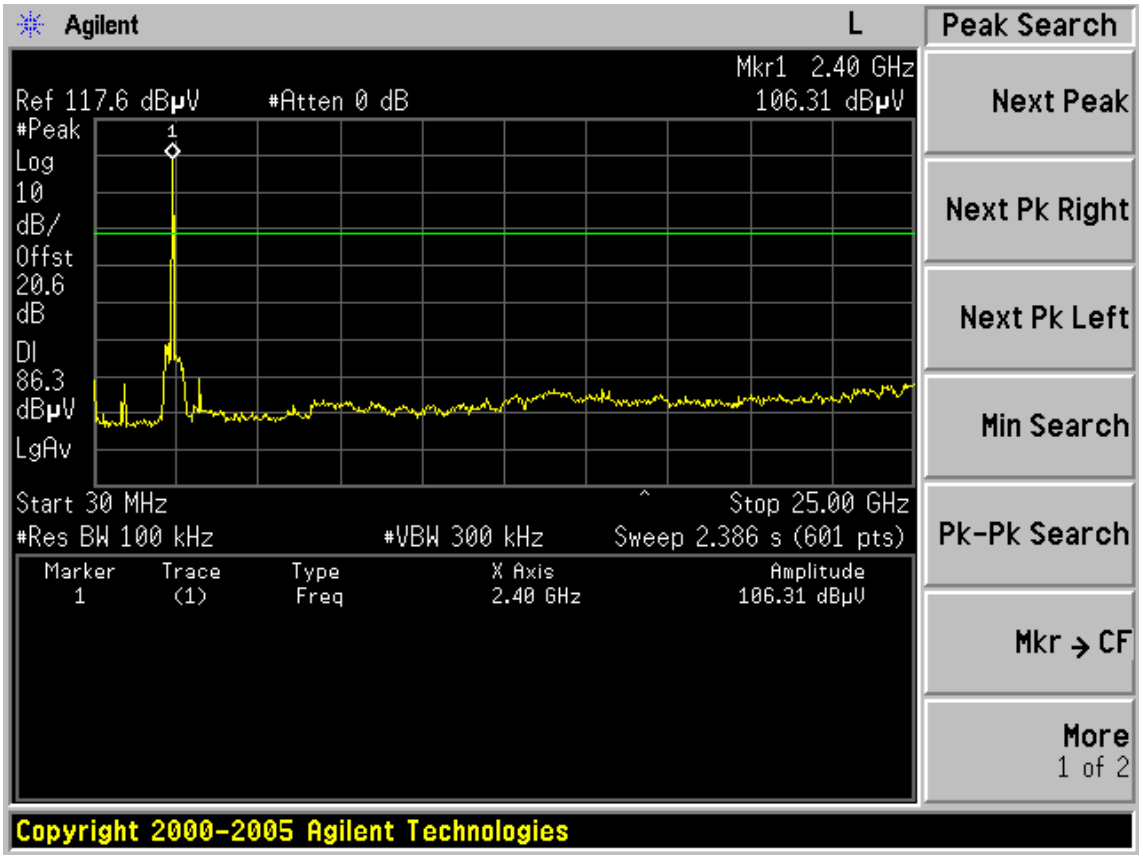


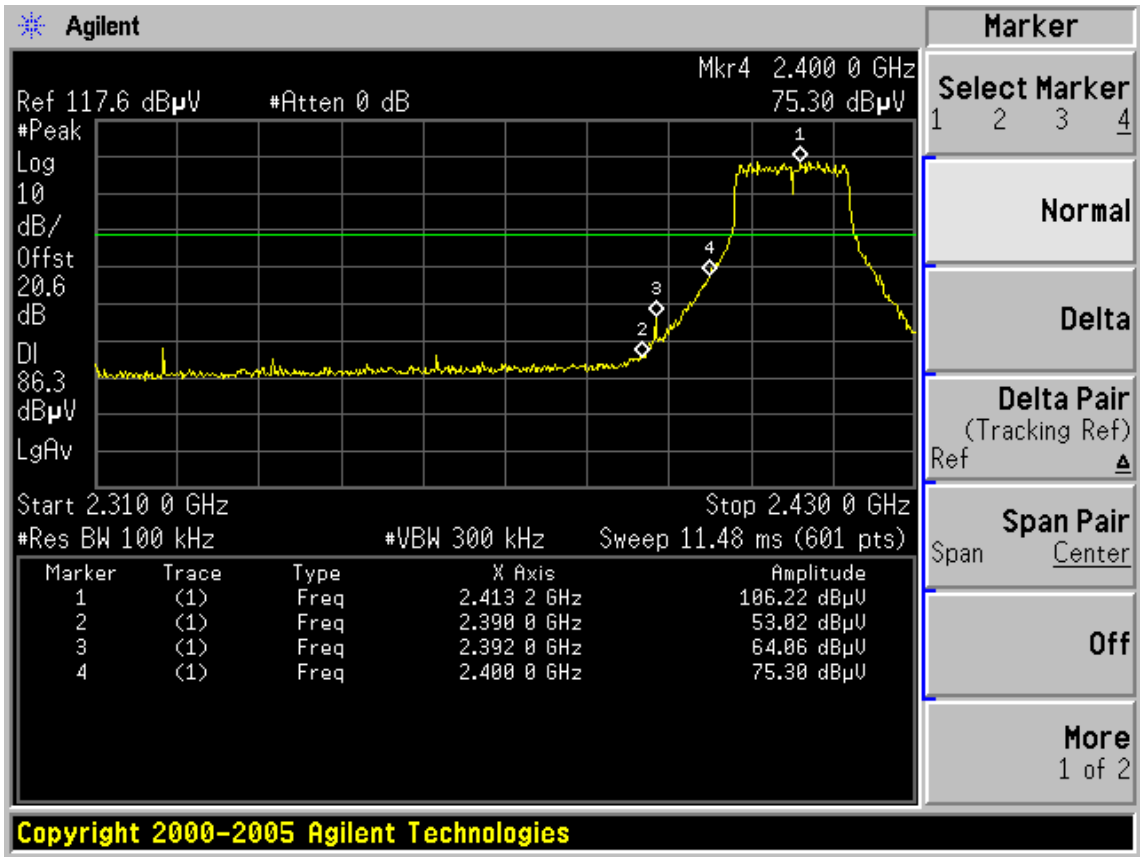

Agilent
L
Display
Mkr1 2.463 20 GHz
Ref 117.6 dBµV
#Atten 0 dB
105.70 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.7
dBµV
LgAv
Full Screen
Display Line
85.70 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.463 20 GHz 105.70 dBµV
2 (1) Freq 2.483 55 GHz 51.91 dBµV
3 (1) Freq 2.500 05 GHz 49.06 dBµV
Copyright 2000-2005 Agilent Technologies

CH6


Agilent
L
Display
Mkr1 2.44 GHz
Ref 117.6 dBµV
#Atten 0 dB
106.32 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.3
dBµV
LgAv
Full Screen
Display Line
86.30 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.44 GHz 106.32 dBµV
Copyright 2000-2005 Agilent Technologies

CH11


Agilent
L
Peak Search
Mkr1 2.40 GHz
Ref 117.6 dBµV
#Atten 0 dB
106.31 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30 MHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 2.386 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.40 GHz 106.31 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Marker
Mkr4 2.400 0 GHz
Ref 117.6 dBµV
#Atten 0 dB
75.30 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.3
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 2.310 0 GHz
Stop 2.430 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 11.48 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.413 2 GHz 106.22 dBµV
2 (1) Freq 2.390 0 GHz 53.02 dBµV
3 (1) Freq 2.392 0 GHz 64.06 dBµV
4 (1) Freq 2.400 0 GHz 75.30 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	Agilent	E4446A	US44300459	May.08, 12	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 12	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 12	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 12	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.

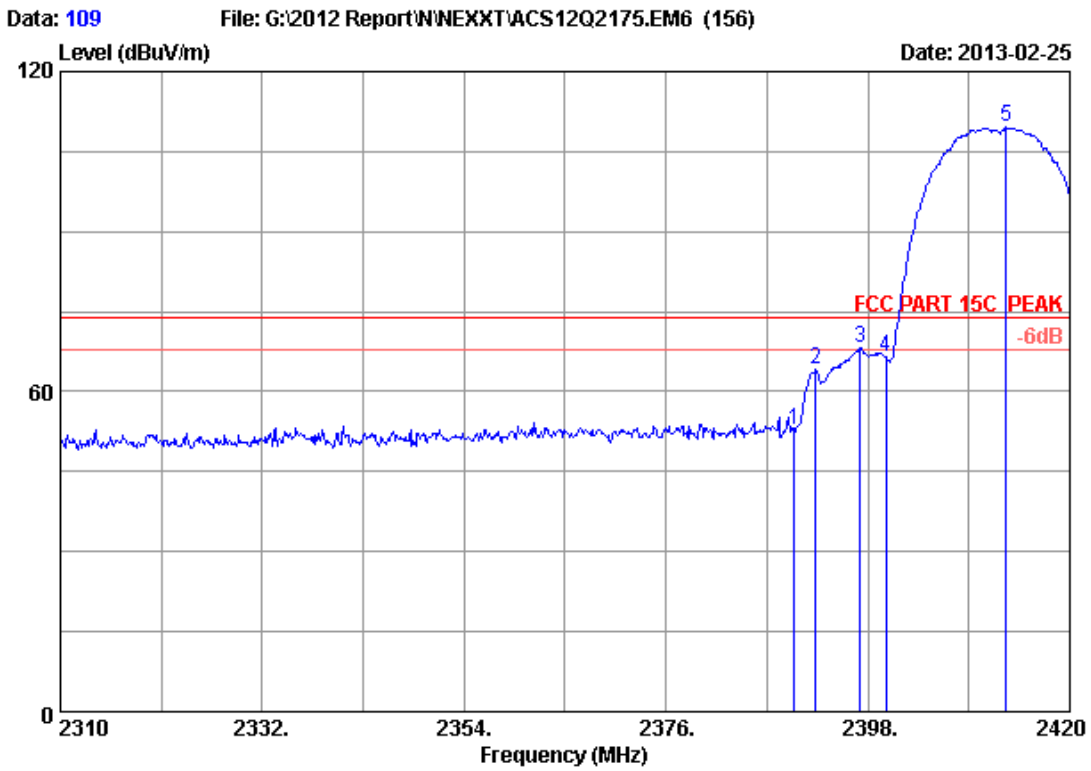
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

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

6.4.Test Results

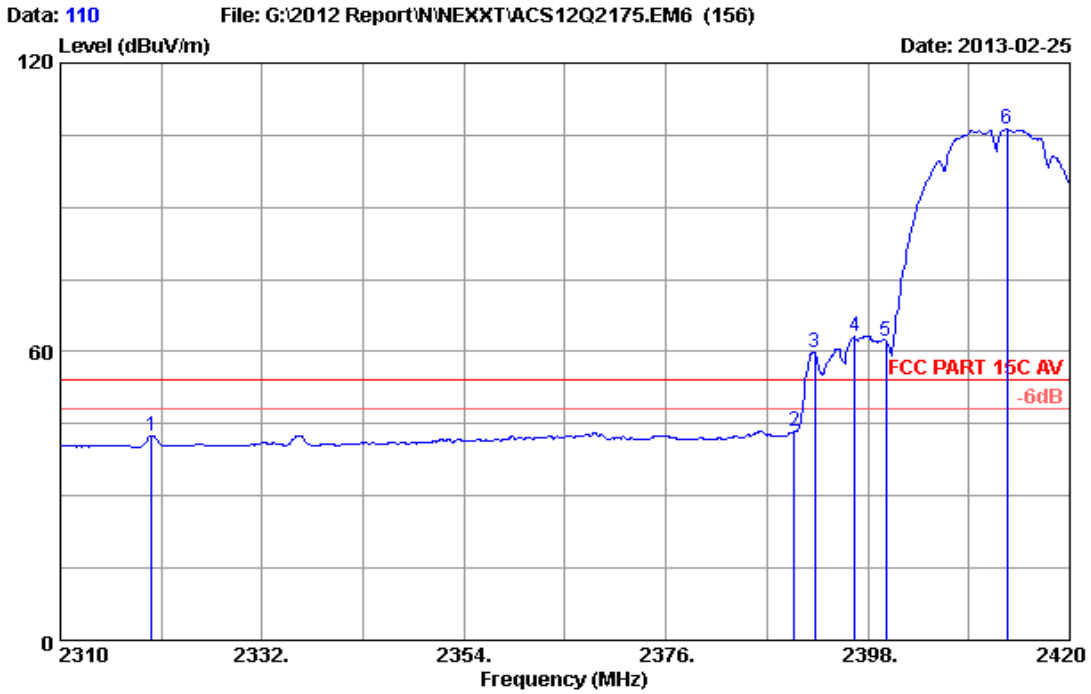
Pass (The testing data was attached in the next pages.)



Site no. : 3m Chamber Data no. : 109
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	50.95	52.97	74.00	21.03	Peak
2	2392.280	29.44	8.67	36.09	62.12	64.14	74.00	9.86	Peak
3	2397.120	29.44	8.72	36.09	66.17	68.24	74.00	5.76	Peak
4	2400.000	29.44	8.72	36.09	64.52	66.59	74.00	7.41	Peak
5	2413.070	29.45	8.72	35.95	107.32	109.54	74.00	-35.54	Peak

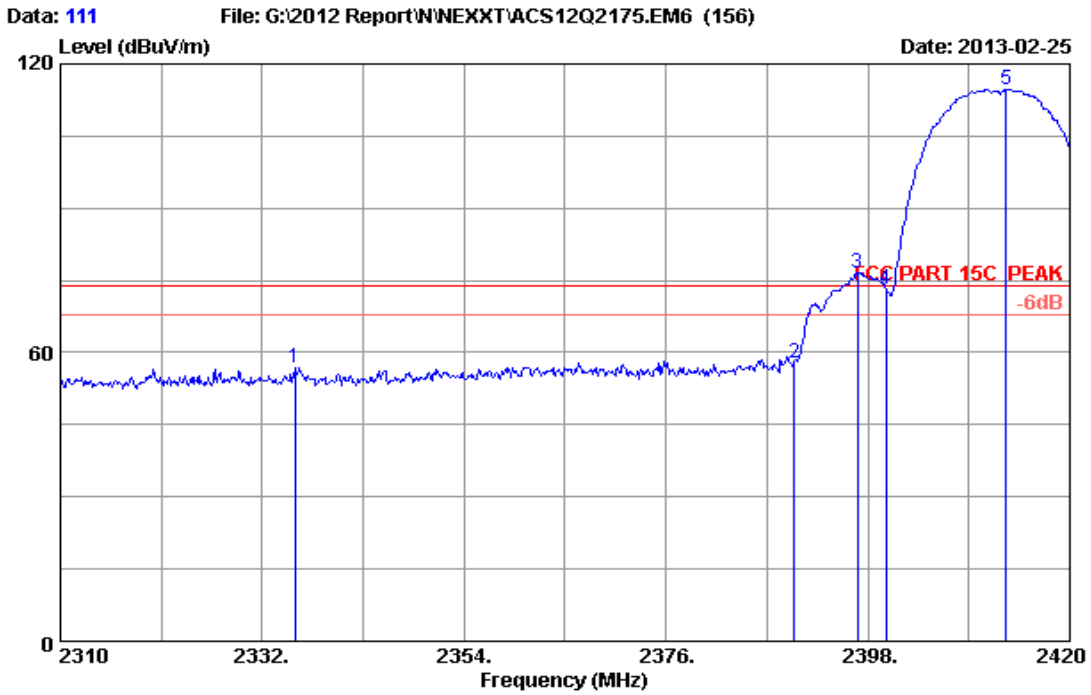
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 110
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2319.900	29.40	8.52	36.06	40.62	42.48	54.00	11.52	Average
2	2390.000	29.44	8.67	36.09	41.31	43.33	54.00	10.67	Average
3	2392.170	29.44	8.67	36.09	57.89	59.91	54.00	-5.91	Average
4	2396.570	29.44	8.72	36.09	60.97	63.04	54.00	-9.04	Average
5	2400.000	29.44	8.72	36.09	60.10	62.17	54.00	-8.17	Average
6	2413.180	29.45	8.72	35.95	104.06	106.28	54.00	-52.28	Average

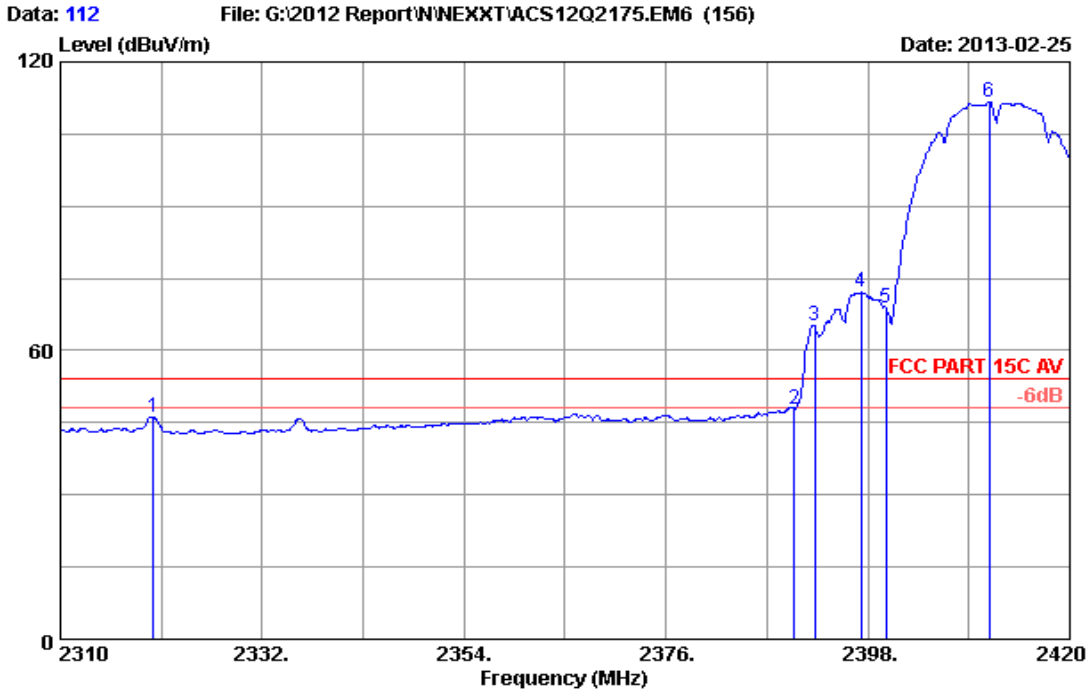
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 111
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2335.520	29.41	8.57	35.99	54.73	56.72	74.00	17.28	Peak
2	2390.000	29.44	8.67	36.09	55.79	57.81	74.00	16.19	Peak
3	2396.900	29.44	8.72	36.09	74.62	76.69	74.00	-2.69	Peak
4	2400.000	29.44	8.72	36.09	71.14	73.21	74.00	0.79	Peak
5	2413.070	29.45	8.72	35.95	112.49	114.71	74.00	-40.71	Peak

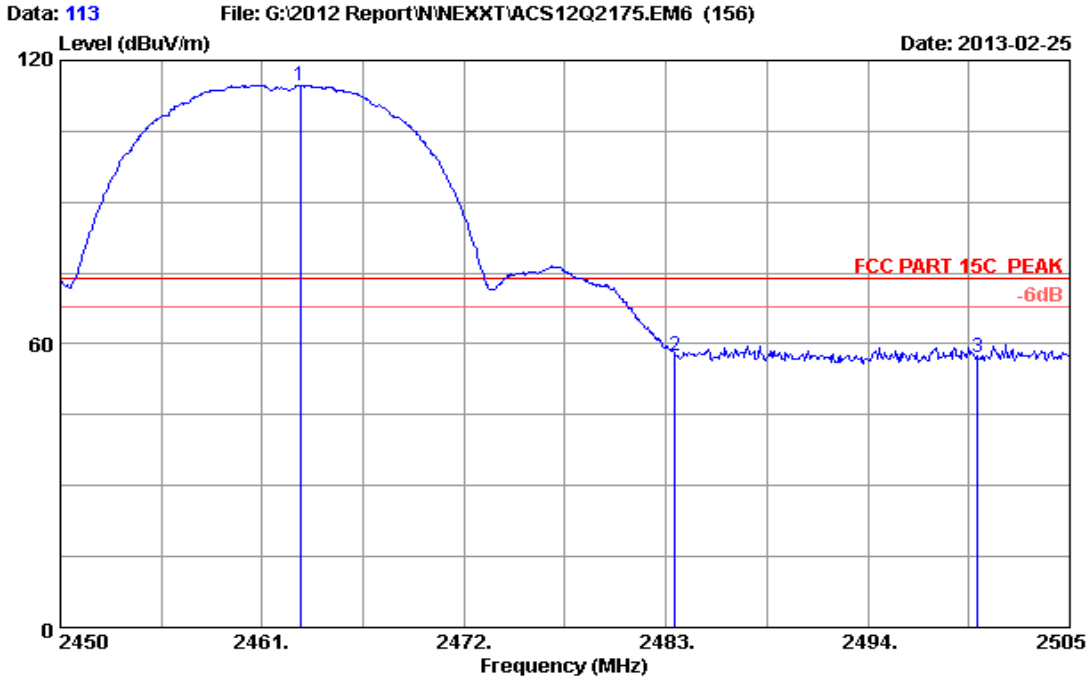
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 112
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2320.120	29.40	8.52	36.06	44.30	46.16	54.00	7.84	Average
2	2390.000	29.44	8.67	36.09	45.91	47.93	54.00	6.07	Average
3	2392.170	29.44	8.67	36.09	63.09	65.11	54.00	-11.11	Average
4	2397.230	29.44	8.72	36.09	69.97	72.04	54.00	-18.04	Average
5	2400.000	29.44	8.72	36.09	66.82	68.89	54.00	-14.89	Average
6	2411.200	29.45	8.72	35.95	109.53	111.75	54.00	-57.75	Average

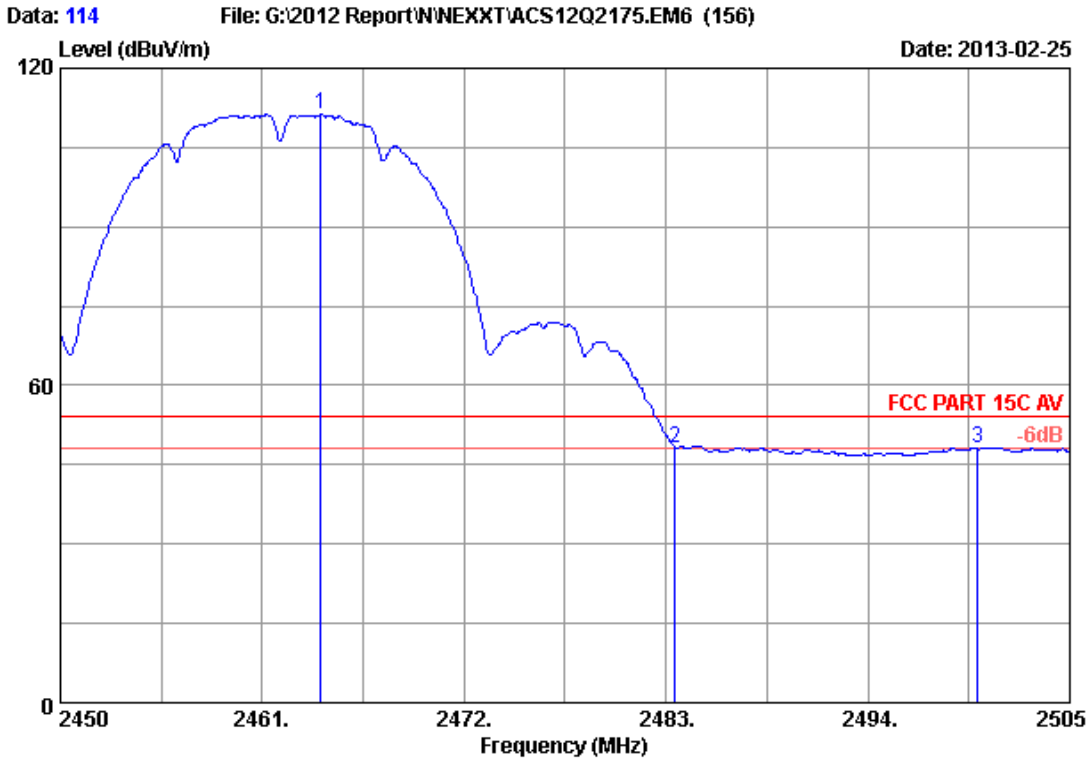
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 113
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2463.090	29.48	8.82	36.02	112.46	114.74	74.00	-40.74	Peak
2	2483.500	29.49	8.87	35.97	55.02	57.41	74.00	16.59	Peak
3	2500.000	29.50	8.92	36.00	54.76	57.18	74.00	16.82	Peak

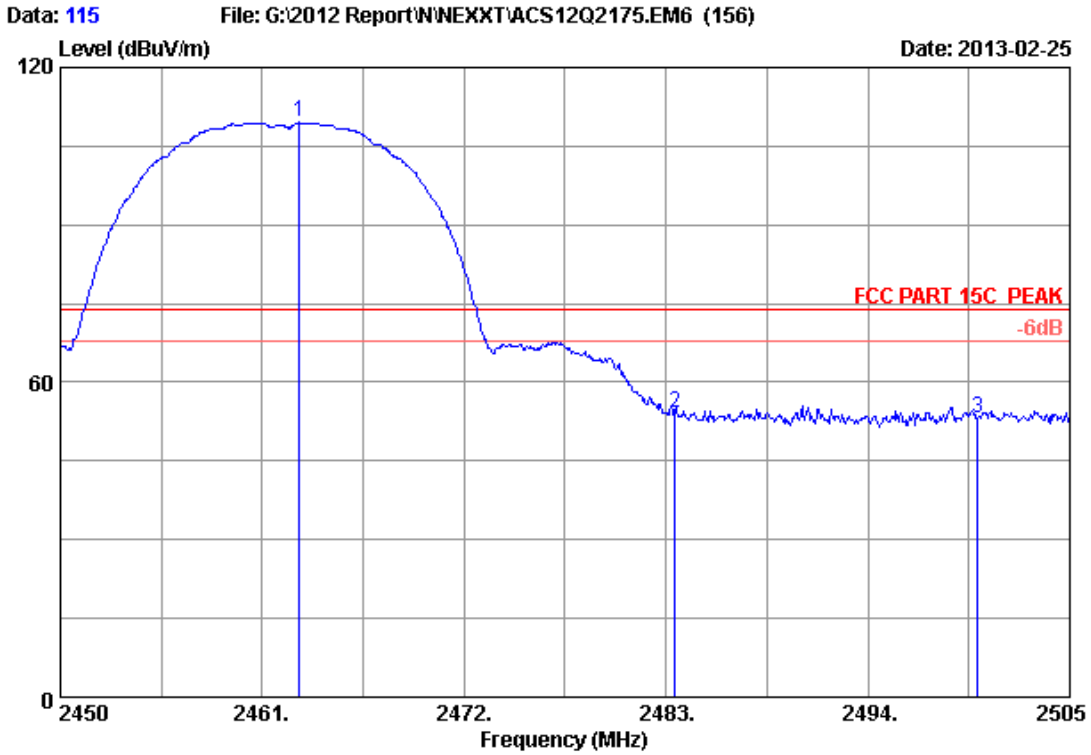
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 114
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2464.190	29.48	8.82	36.02	109.05	111.33	54.00	-57.33	Average
2	2483.500	29.49	8.87	35.97	45.88	48.27	54.00	5.73	Average
3	2500.000	29.50	8.92	36.00	45.56	47.98	54.00	6.02	Average

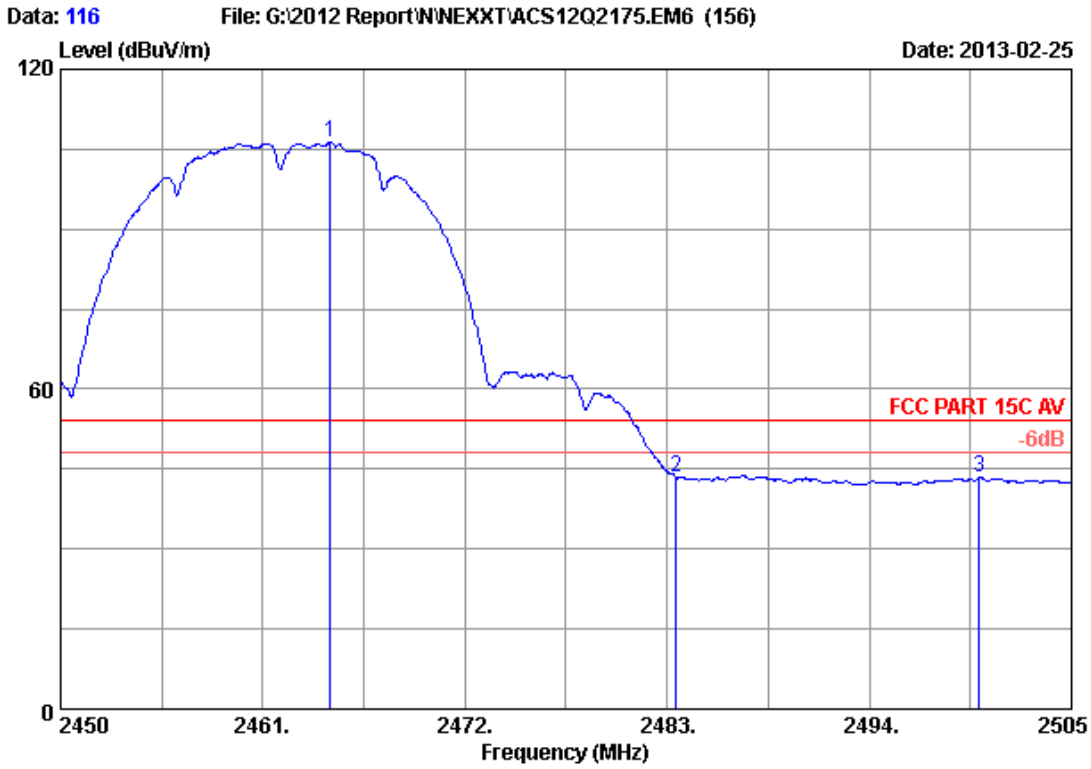
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 115
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2463.035	29.48	8.82	36.02	107.20	109.48	74.00	-35.48	Peak
2	2483.500	29.49	8.87	35.97	51.90	54.29	74.00	19.71	Peak
3	2500.000	29.50	8.92	36.00	50.64	53.06	74.00	20.94	Peak

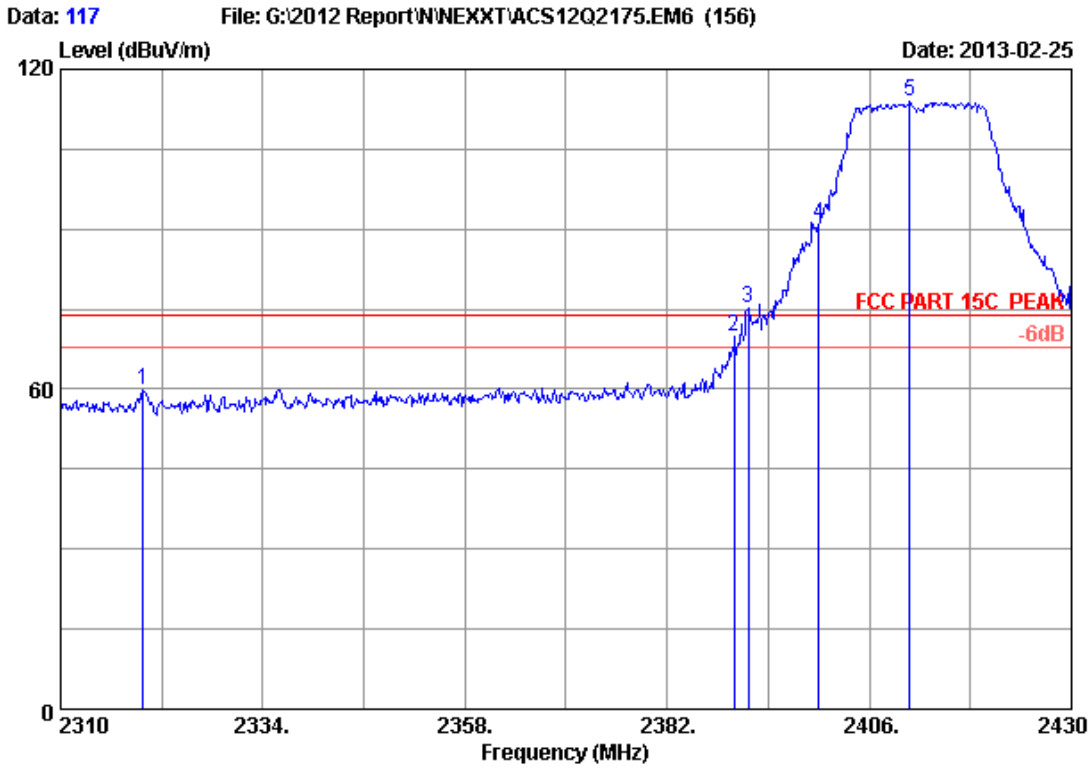
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 116
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2464.685	29.48	8.82	36.02	103.97	106.25	54.00	-52.25	Average
2	2483.500	29.49	8.87	35.97	41.01	43.40	54.00	10.60	Average
3	2500.000	29.50	8.92	36.00	41.05	43.47	54.00	10.53	Average

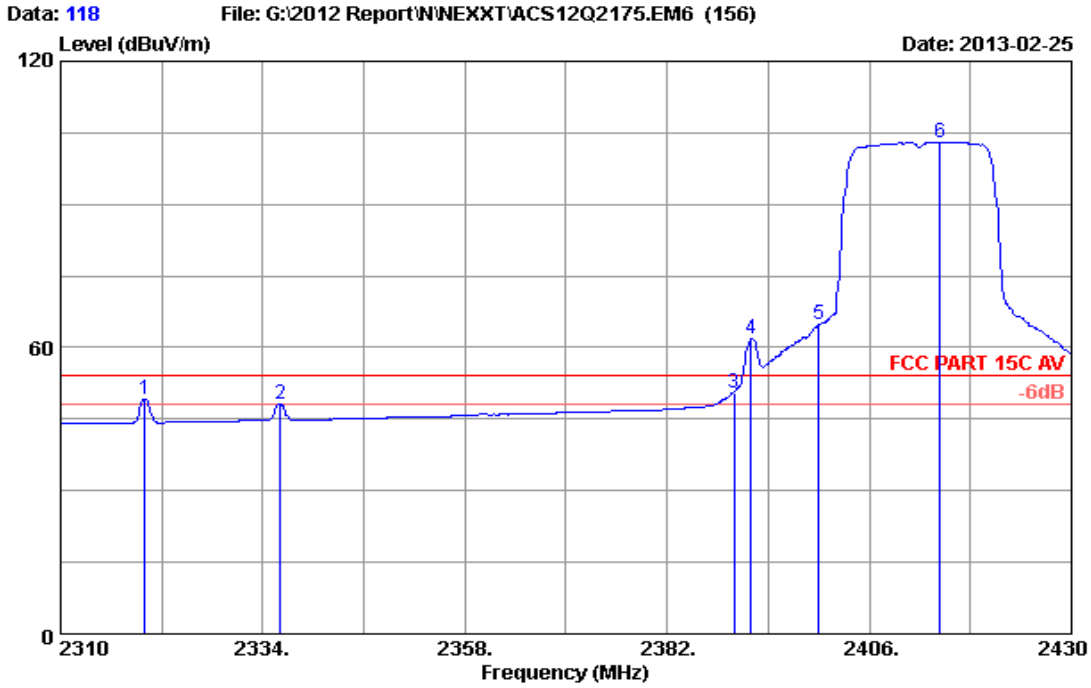
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 117
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2319.840	29.40	8.52	36.06	57.93	59.79	74.00	14.21	Peak
2	2390.000	29.44	8.67	36.09	67.87	69.89	74.00	4.11	Peak
3	2391.600	29.44	8.67	36.09	73.34	75.36	74.00	-1.36	Peak
4	2400.000	29.44	8.72	36.09	88.85	90.92	74.00	-16.92	Peak
5	2410.800	29.45	8.72	35.95	111.75	113.97	74.00	-39.97	Peak

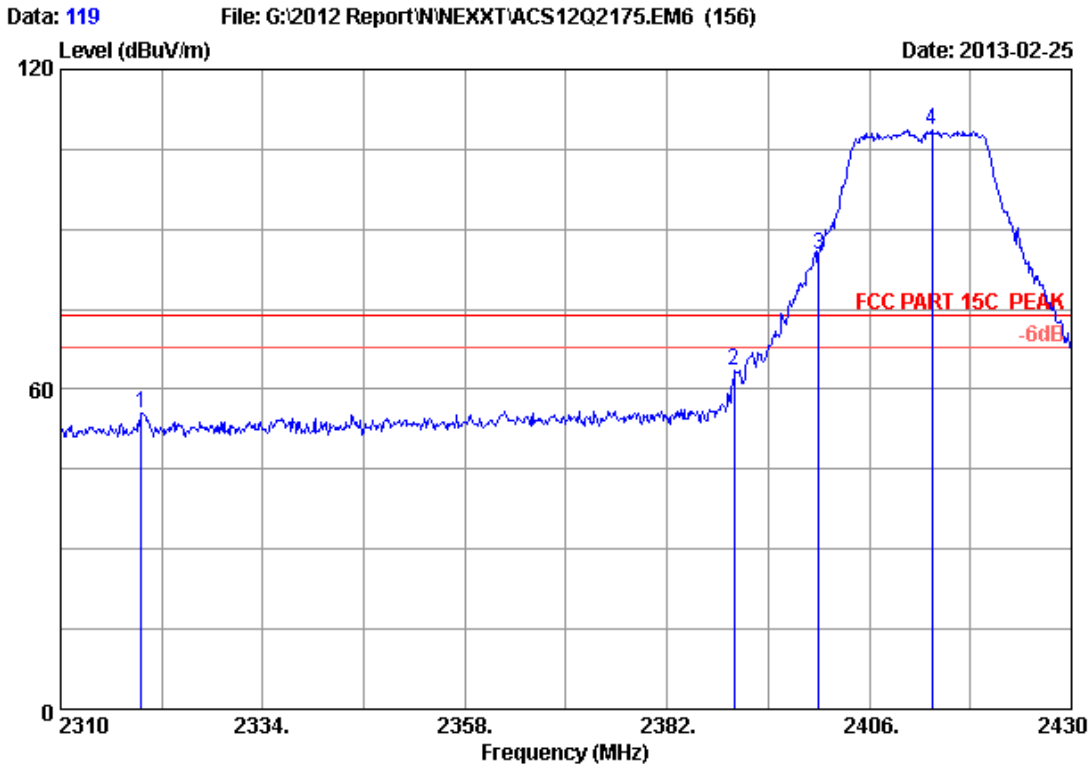
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 118
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2319.960	29.40	8.52	36.06	47.26	49.12	54.00	4.88	Average
2	2336.040	29.41	8.57	35.99	46.24	48.23	54.00	5.77	Average
3	2390.000	29.44	8.67	36.09	48.56	50.58	54.00	3.42	Average
4	2391.960	29.44	8.67	36.09	59.82	61.84	54.00	-7.84	Average
5	2400.000	29.44	8.72	36.09	62.64	64.71	54.00	-10.71	Average
6	2414.400	29.45	8.72	35.95	100.79	103.01	54.00	-49.01	Average

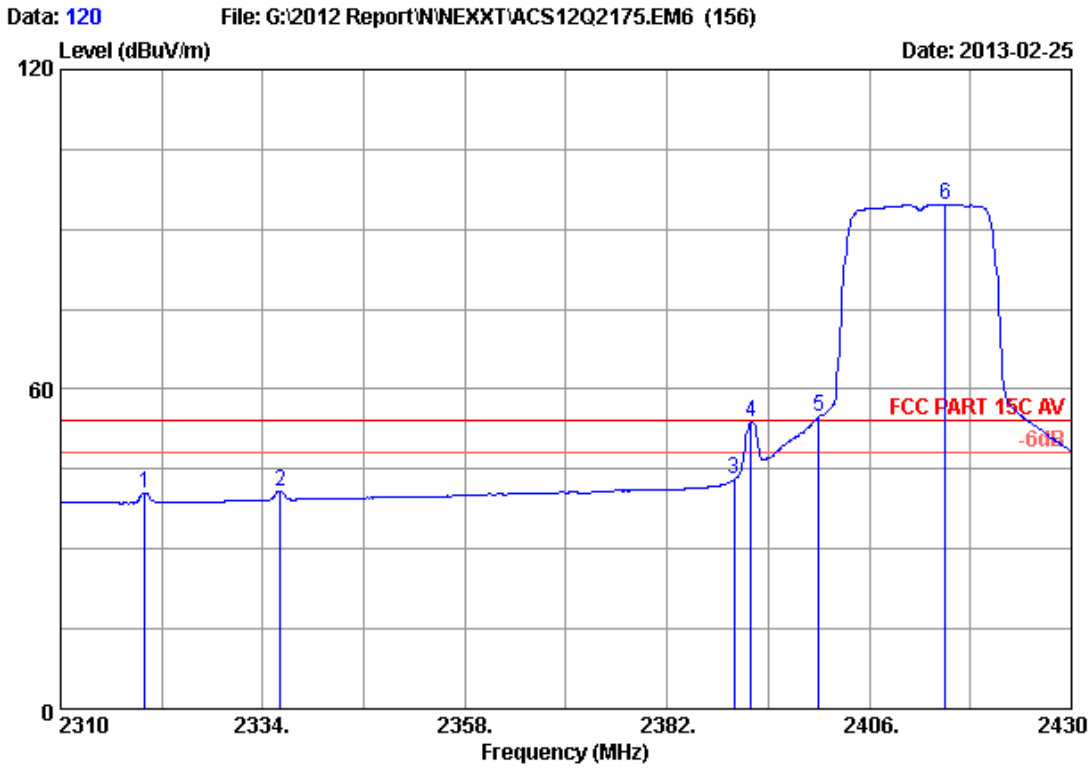
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 119
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2319.600	29.40	8.52	36.06	53.70	55.56	74.00	18.44	Peak
2	2390.000	29.44	8.67	36.09	61.46	63.48	74.00	10.52	Peak
3	2400.000	29.44	8.72	36.09	83.05	85.12	74.00	-11.12	Peak
4	2413.440	29.45	8.72	35.95	106.31	108.53	74.00	-34.53	Peak

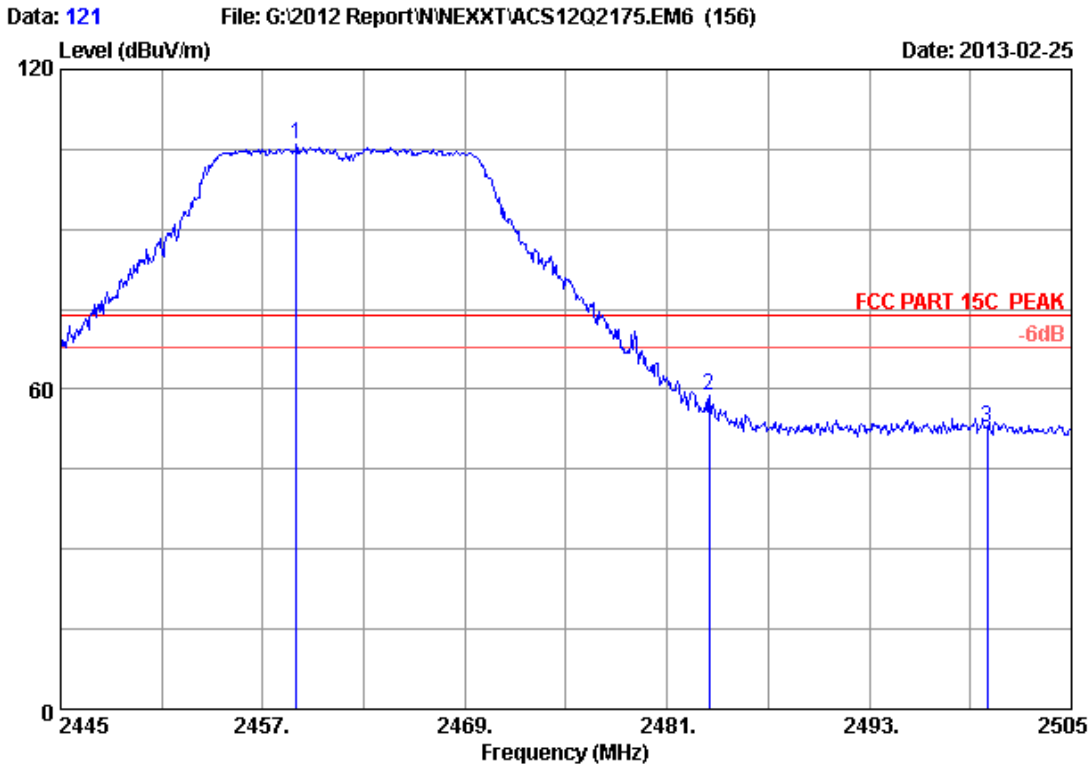
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 120
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2319.960	29.40	8.52	36.06	38.69	40.55	54.00	13.45	Average
2	2336.040	29.41	8.57	35.99	38.83	40.82	54.00	13.18	Average
3	2390.000	29.44	8.67	36.09	41.06	43.08	54.00	10.92	Average
4	2391.960	29.44	8.67	36.09	51.90	53.92	54.00	0.08	Average
5	2400.000	29.44	8.72	36.09	52.91	54.98	54.00	-0.98	Average
6	2415.000	29.45	8.72	35.95	92.44	94.66	54.00	-40.66	Average

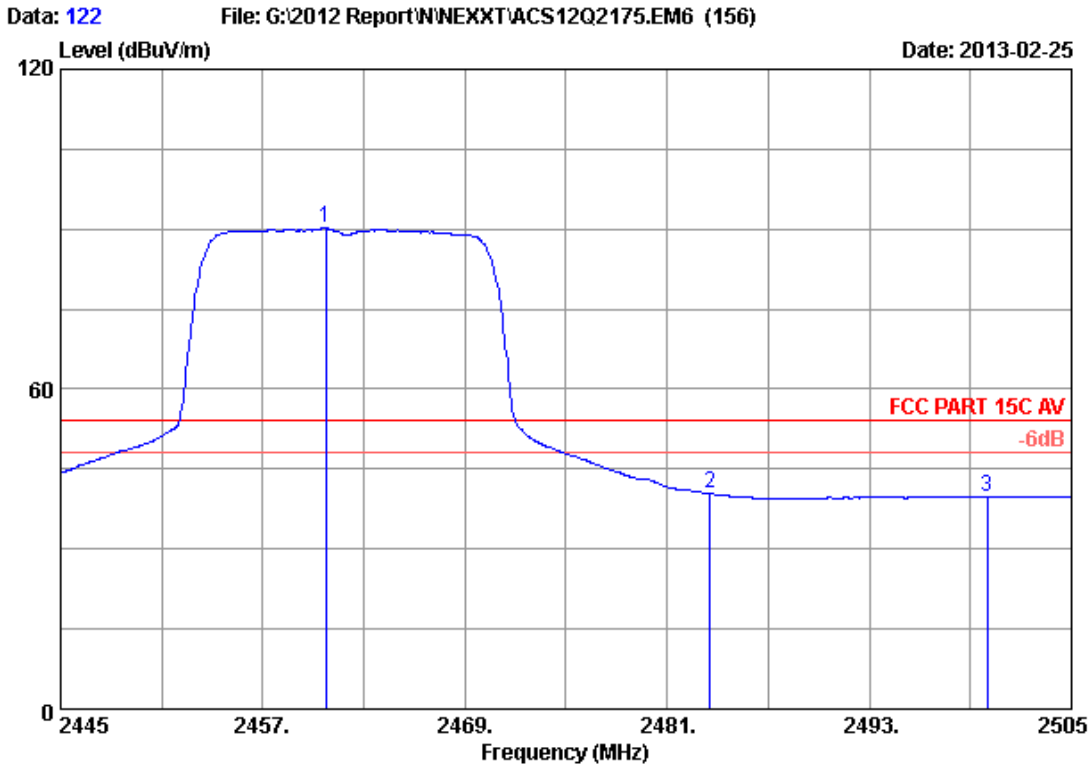
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 121
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2458.980	29.48	8.82	36.02	103.54	105.82	74.00	-31.82	Peak
2	2483.500	29.49	8.87	35.97	56.57	58.96	74.00	15.04	Peak
3	2500.000	29.50	8.92	36.00	50.40	52.82	74.00	21.18	Peak

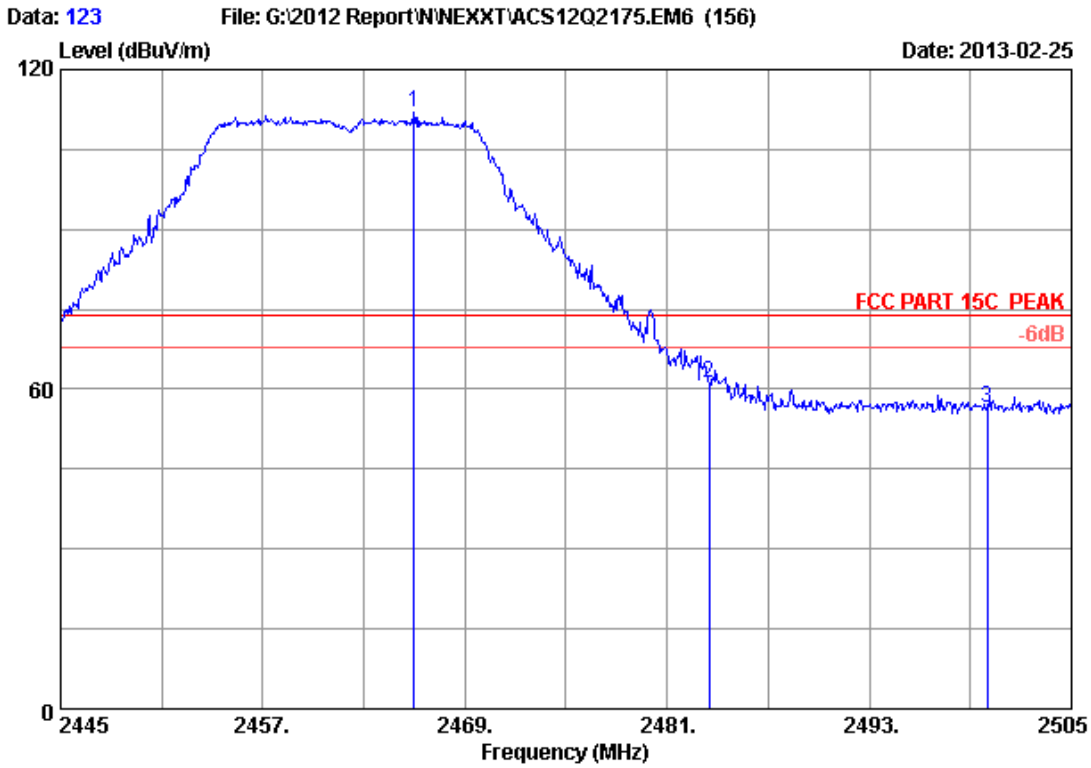
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 122
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2460.720	29.48	8.82	36.02	88.00	90.28	54.00	-36.28	Average
2	2483.530	29.49	8.87	35.97	38.01	40.40	54.00	13.60	Average
3	2500.000	29.50	8.92	36.00	37.39	39.81	54.00	14.19	Average

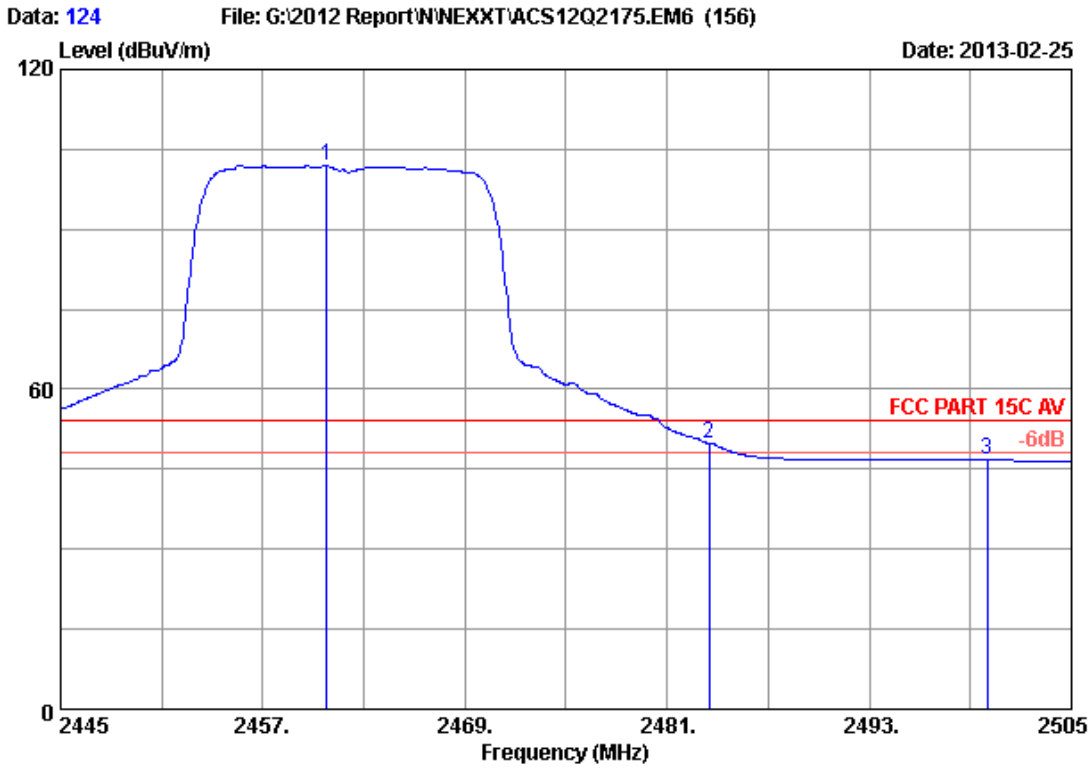
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 123
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2466.000	29.48	8.82	36.02	109.53	111.81	74.00	-37.81	Peak
2	2483.500	29.49	8.87	35.97	58.73	61.12	74.00	12.88	Peak
3	2500.000	29.50	8.92	36.00	54.15	56.57	74.00	17.43	Peak

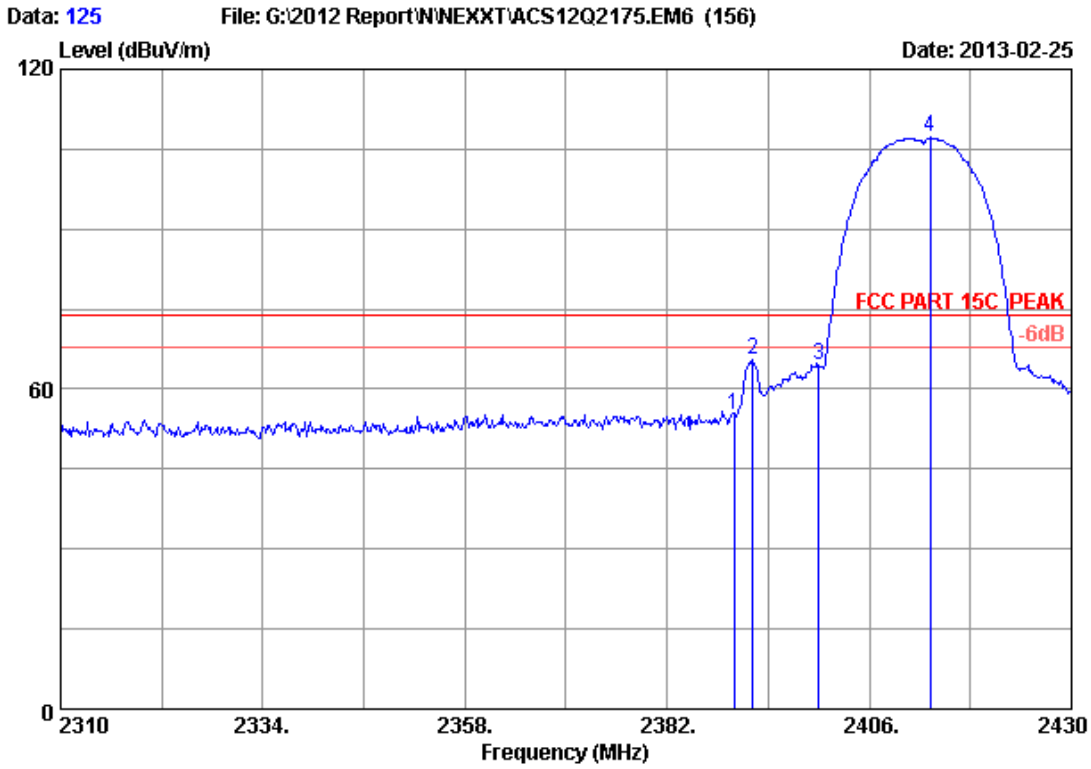
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 124
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_VERTICAL

	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	2460.780	29.48	8.82	36.02	99.71	101.99	54.00	-47.99	Average
2	2483.500	29.49	8.87	35.97	47.40	49.79	54.00	4.21	Average
3	2500.000	29.50	8.92	36.00	44.31	46.73	54.00	7.27	Average

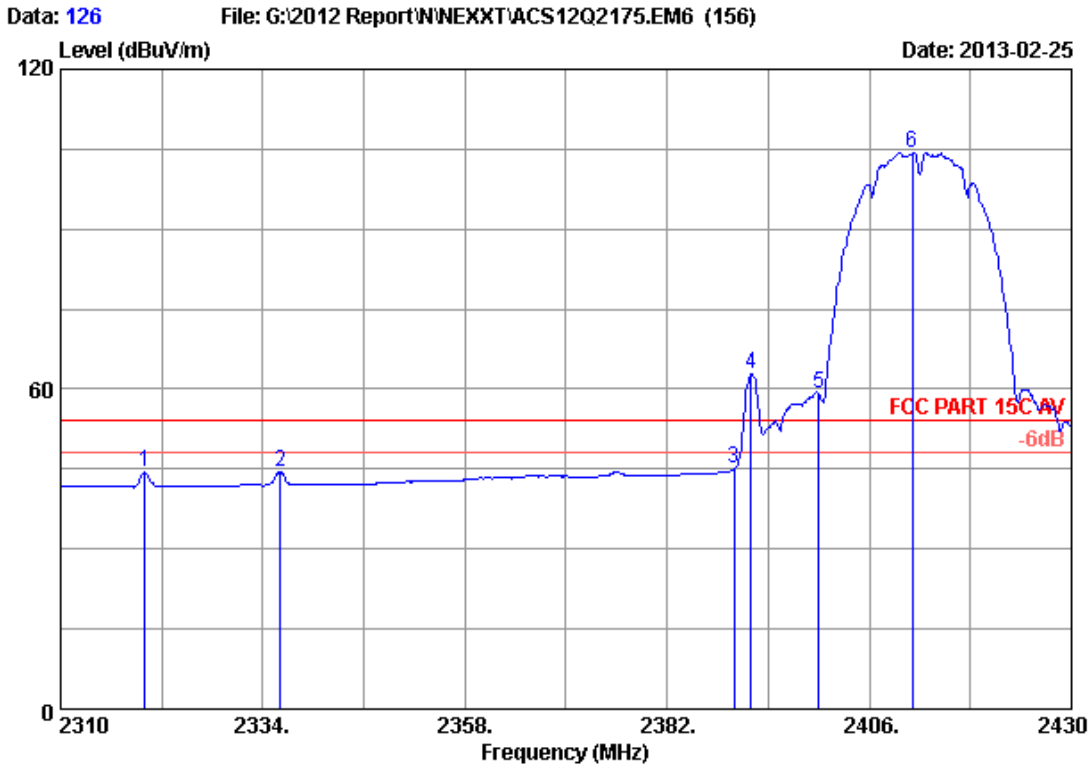
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 125
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	53.25	55.27	74.00	18.73	Peak
2	2392.200	29.44	8.67	36.09	63.57	65.59	74.00	8.41	Peak
3	2400.000	29.44	8.72	36.09	62.32	64.39	74.00	9.61	Peak
4	2413.200	29.45	8.72	35.95	104.92	107.14	74.00	-33.14	Peak

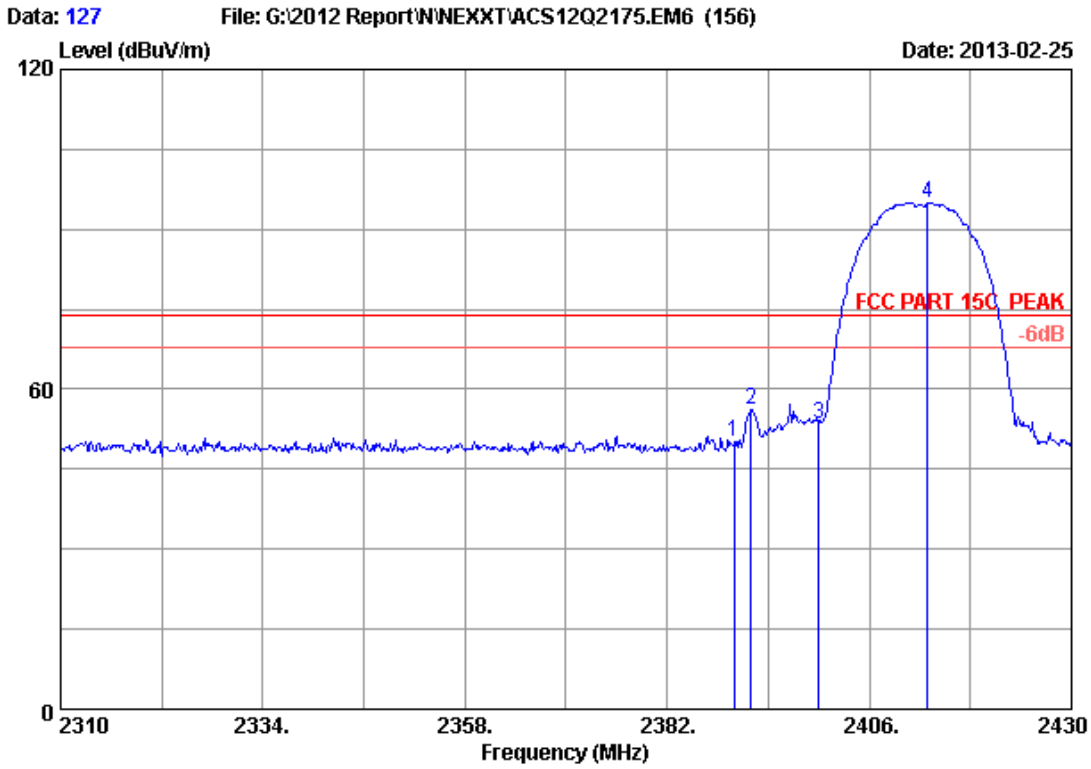
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 126
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2319.960	29.40	8.52	36.06	42.43	44.29	54.00	9.71	Average
2	2336.040	29.41	8.57	35.99	42.50	44.49	54.00	9.51	Average
3	2390.000	29.44	8.67	36.09	42.96	44.98	54.00	9.02	Average
4	2391.960	29.44	8.67	36.09	60.75	62.77	54.00	-8.77	Average
5	2400.000	29.44	8.72	36.09	56.97	59.04	54.00	-5.04	Average
6	2411.160	29.45	8.72	35.95	102.17	104.39	54.00	-50.39	Average

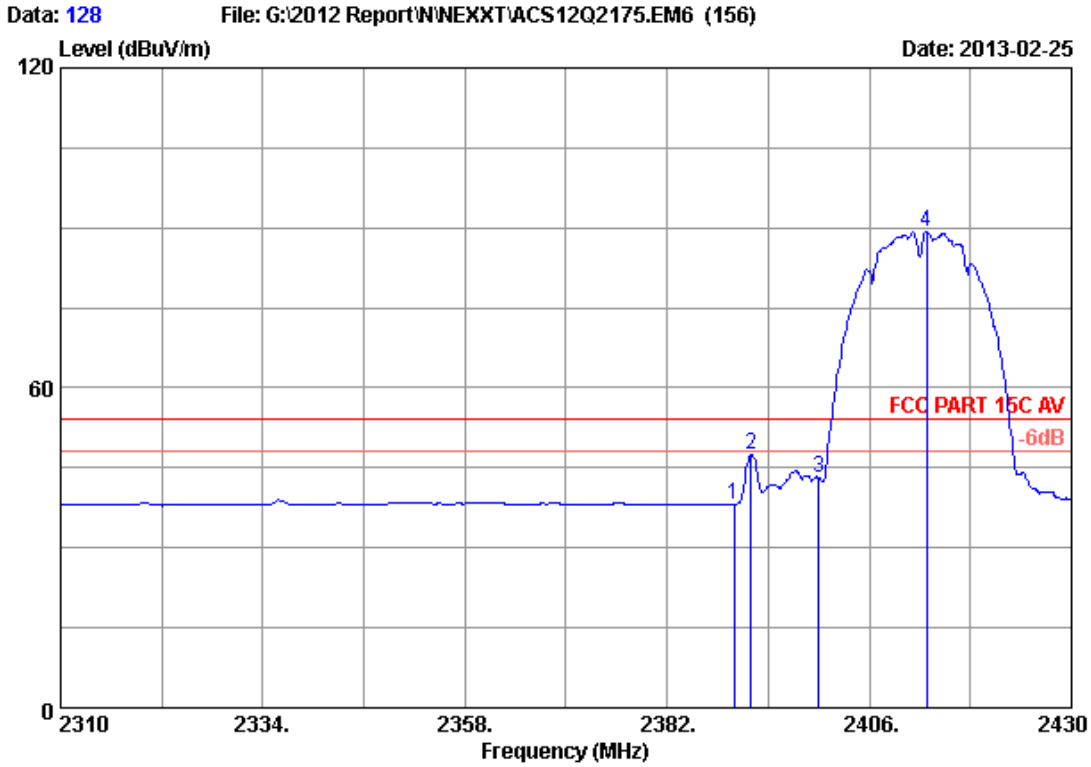
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 127
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	48.09	50.11	74.00	23.89	Peak
2	2391.960	29.44	8.67	36.09	54.15	56.17	74.00	17.83	Peak
3	2400.000	29.44	8.72	36.09	51.56	53.63	74.00	20.37	Peak
4	2412.960	29.45	8.72	35.95	92.82	95.04	74.00	-21.04	Peak

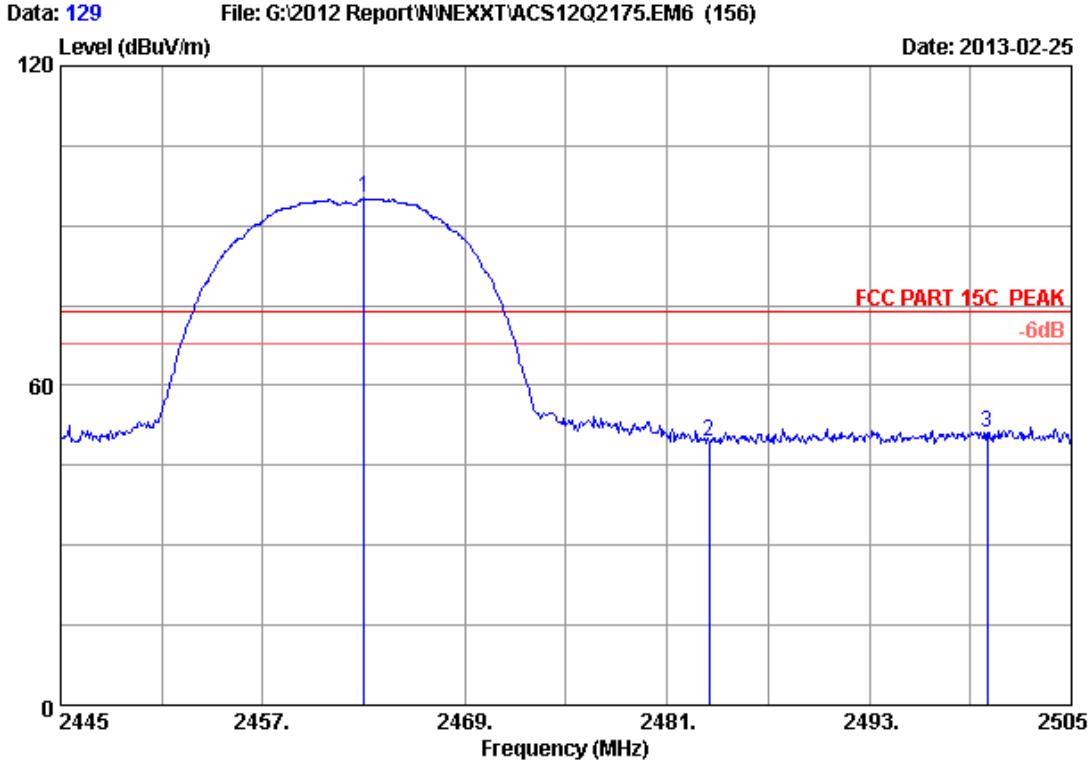
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 128
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	36.10	38.12	54.00	15.88	Average
2	2391.960	29.44	8.67	36.09	45.45	47.47	54.00	6.53	Average
3	2400.000	29.44	8.72	36.09	41.19	43.26	54.00	10.74	Average
4	2412.840	29.45	8.72	35.95	87.00	89.22	54.00	-35.22	Average

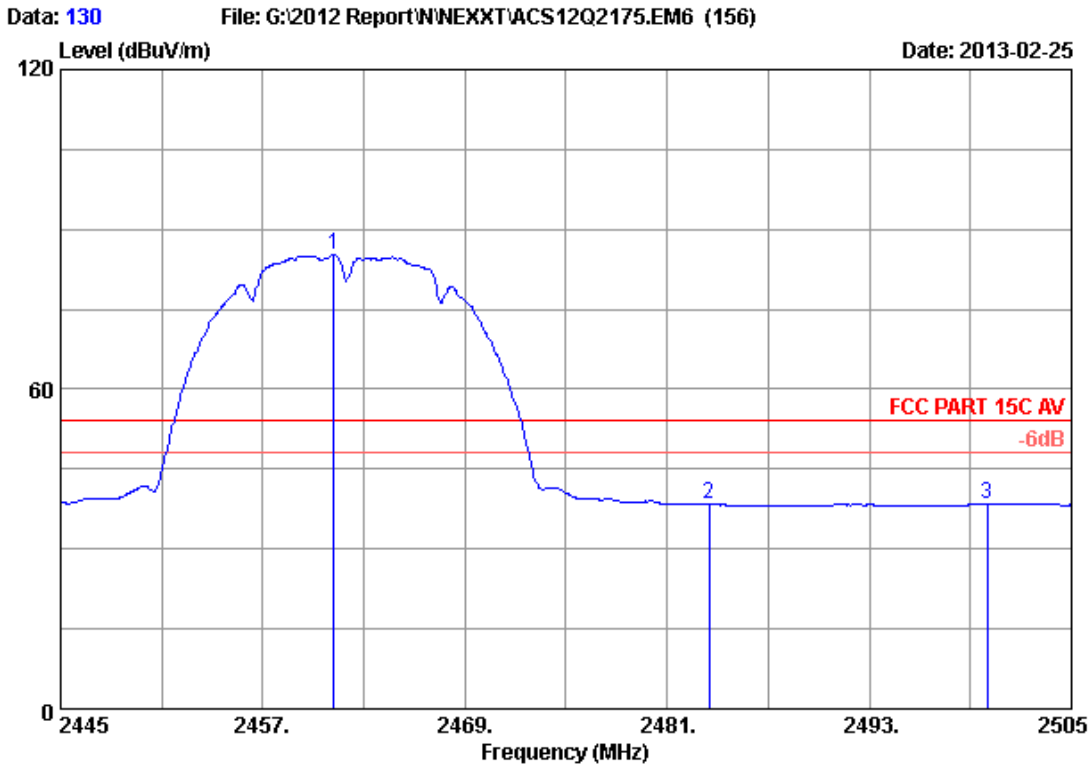
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 129
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2463.000	29.48	8.82	36.02	92.82	95.10	74.00	-21.10	Peak
2	2483.500	29.49	8.87	35.97	47.25	49.64	74.00	24.36	Peak
3	2500.000	29.50	8.92	36.00	48.60	51.02	74.00	22.98	Peak

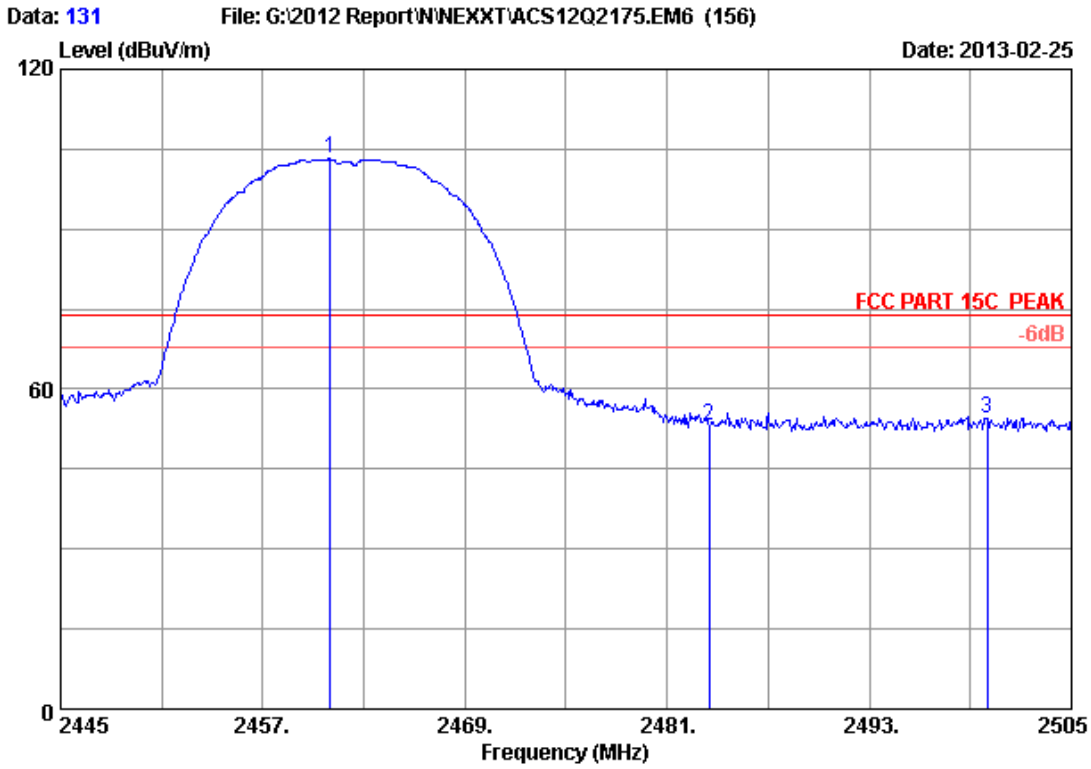
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 130
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2461.200	29.48	8.82	36.02	82.87	85.15	54.00	-31.15	Average
2	2483.500	29.49	8.87	35.97	35.95	38.34	54.00	15.66	Average
3	2500.000	29.50	8.92	36.00	35.95	38.37	54.00	15.63	Average

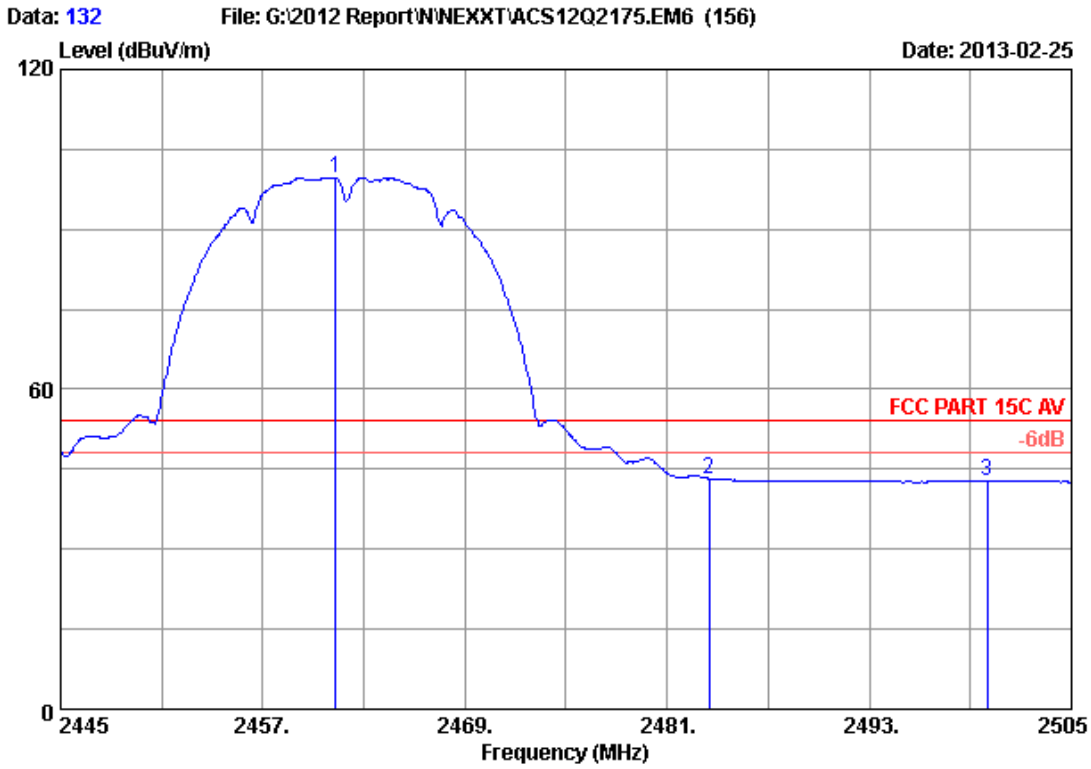
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 131
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2461.020	29.48	8.82	36.02	100.88	103.16	74.00	-29.16	Peak
2	2483.500	29.49	8.87	35.97	50.70	53.09	74.00	20.91	Peak
3	2500.000	29.50	8.92	36.00	52.21	54.63	74.00	19.37	Peak

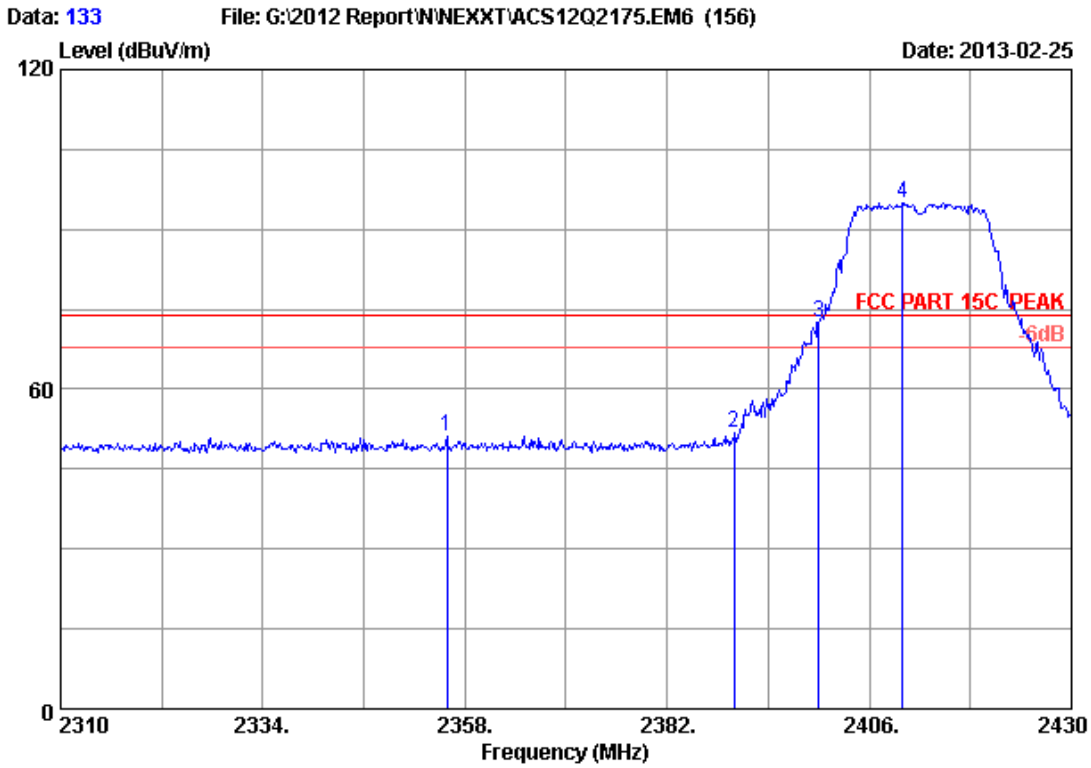
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 132
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2461.320	29.48	8.82	36.02	97.41	99.69	54.00	-45.69	Average
2	2483.500	29.49	8.87	35.97	40.87	43.26	54.00	10.74	Average
3	2500.000	29.50	8.92	36.00	40.39	42.81	54.00	11.19	Average

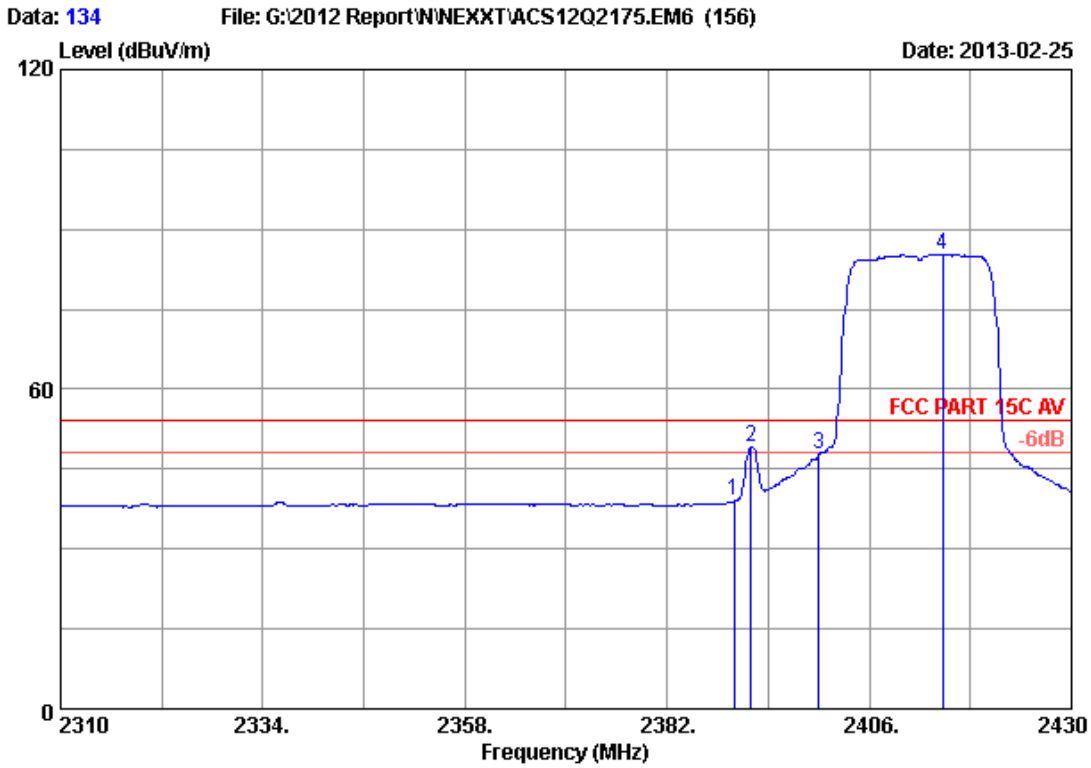
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 133
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2355.840	29.42	8.62	35.91	49.11	51.24	74.00	22.76	Peak
2	2390.000	29.44	8.67	36.09	49.63	51.65	74.00	22.35	Peak
3	2400.000	29.44	8.72	36.09	70.62	72.69	74.00	1.31	Peak
4	2409.960	29.45	8.72	35.95	92.76	94.98	74.00	-20.98	Peak

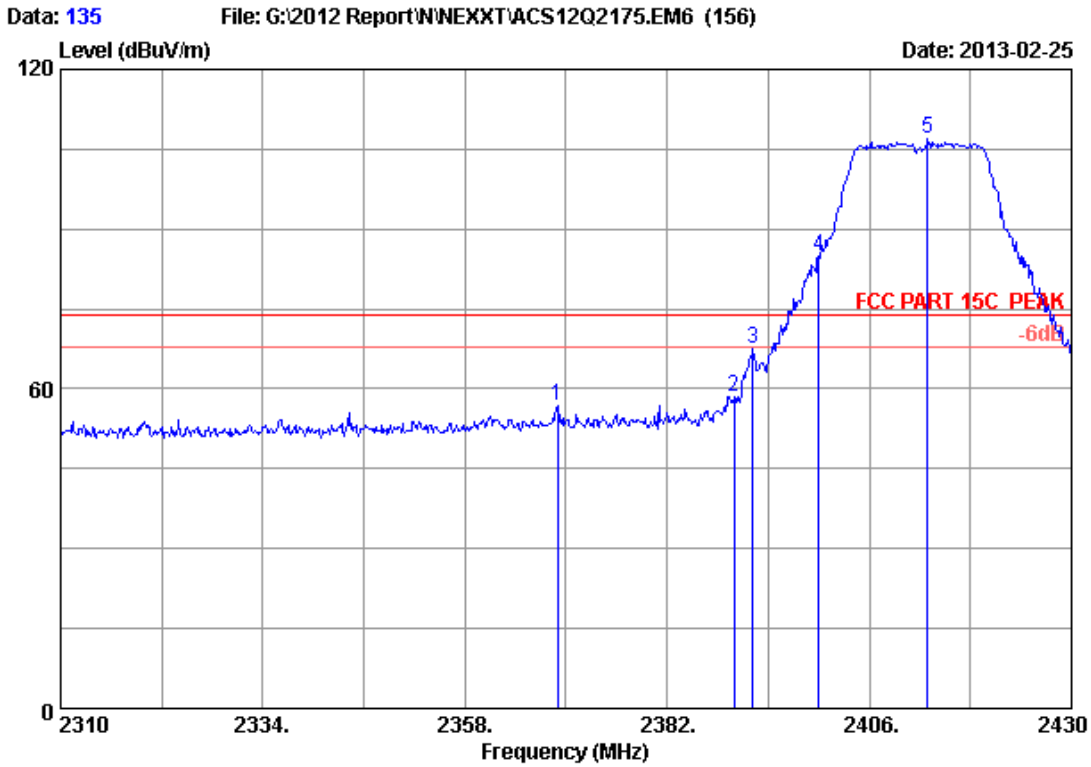
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 134
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	36.95	38.97	54.00	15.03	Average
2	2391.960	29.44	8.67	36.09	47.20	49.22	54.00	4.78	Average
3	2400.000	29.44	8.72	36.09	45.67	47.74	54.00	6.26	Average
4	2414.760	29.45	8.72	35.95	83.18	85.40	54.00	-31.40	Average

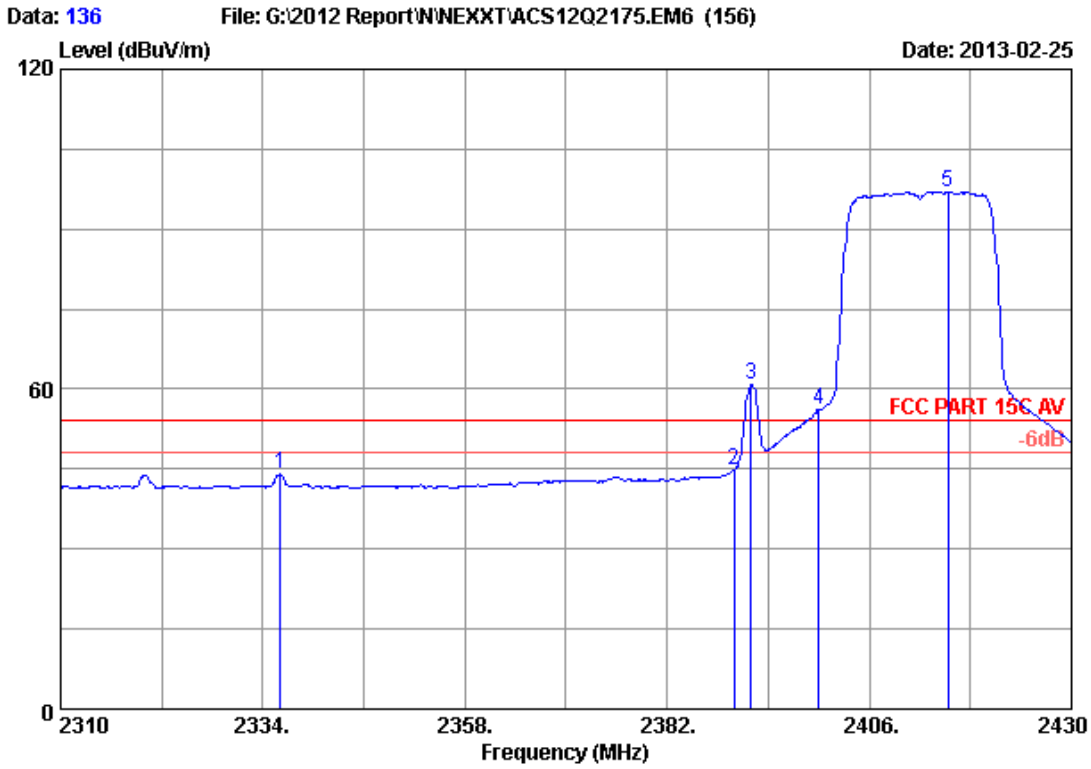
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 135
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2369.040	29.43	8.62	36.00	54.71	56.76	74.00	17.24	Peak
2	2390.000	29.44	8.67	36.09	56.62	58.64	74.00	15.36	Peak
3	2392.200	29.44	8.67	36.09	65.43	67.45	74.00	6.55	Peak
4	2400.000	29.44	8.72	36.09	82.76	84.83	74.00	-10.83	Peak
5	2412.960	29.45	8.72	35.95	104.66	106.88	74.00	-32.88	Peak

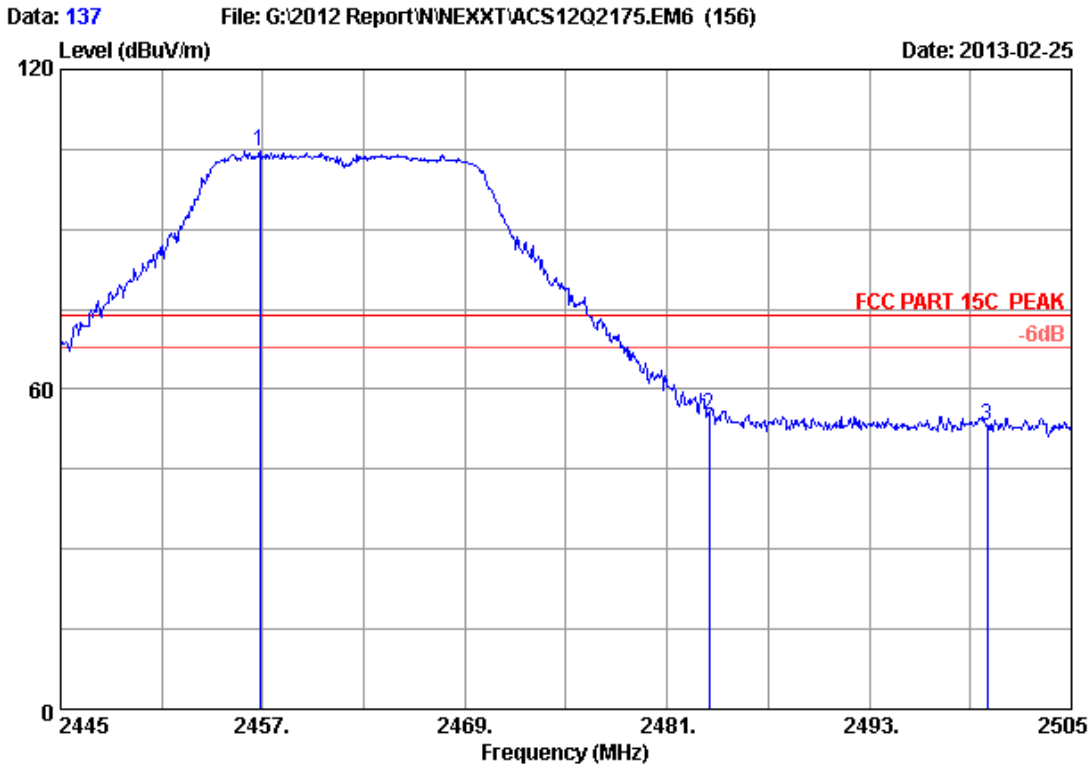
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 136
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2336.040	29.41	8.57	35.99	41.97	43.96	54.00	10.04	Average
2	2390.000	29.44	8.67	36.09	42.81	44.83	54.00	9.17	Average
3	2391.960	29.44	8.67	36.09	58.69	60.71	54.00	-6.71	Average
4	2400.000	29.44	8.72	36.09	54.16	56.23	54.00	-2.23	Average
5	2415.360	29.45	8.72	35.95	94.80	97.02	54.00	-43.02	Average

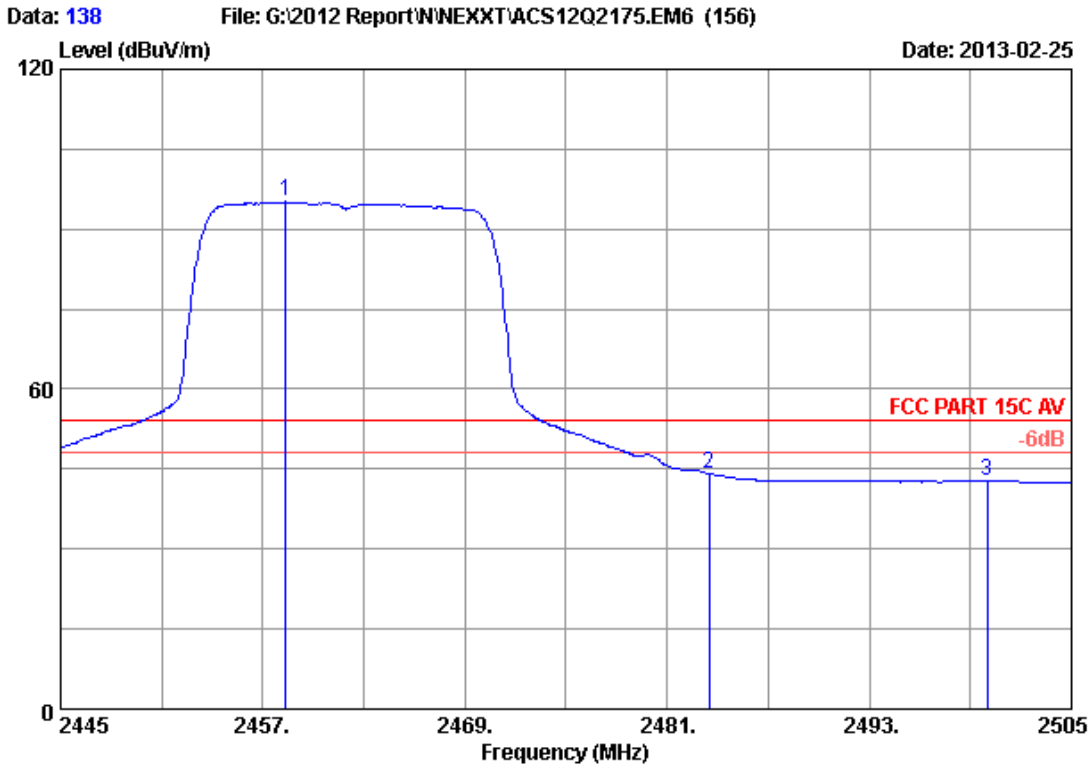
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 137
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2456.820	29.48	8.82	36.02	102.44	104.72	74.00	-30.72	Peak
2	2483.500	29.49	8.87	35.97	52.74	55.13	74.00	18.87	Peak
3	2500.000	29.50	8.92	36.00	50.74	53.16	74.00	20.84	Peak

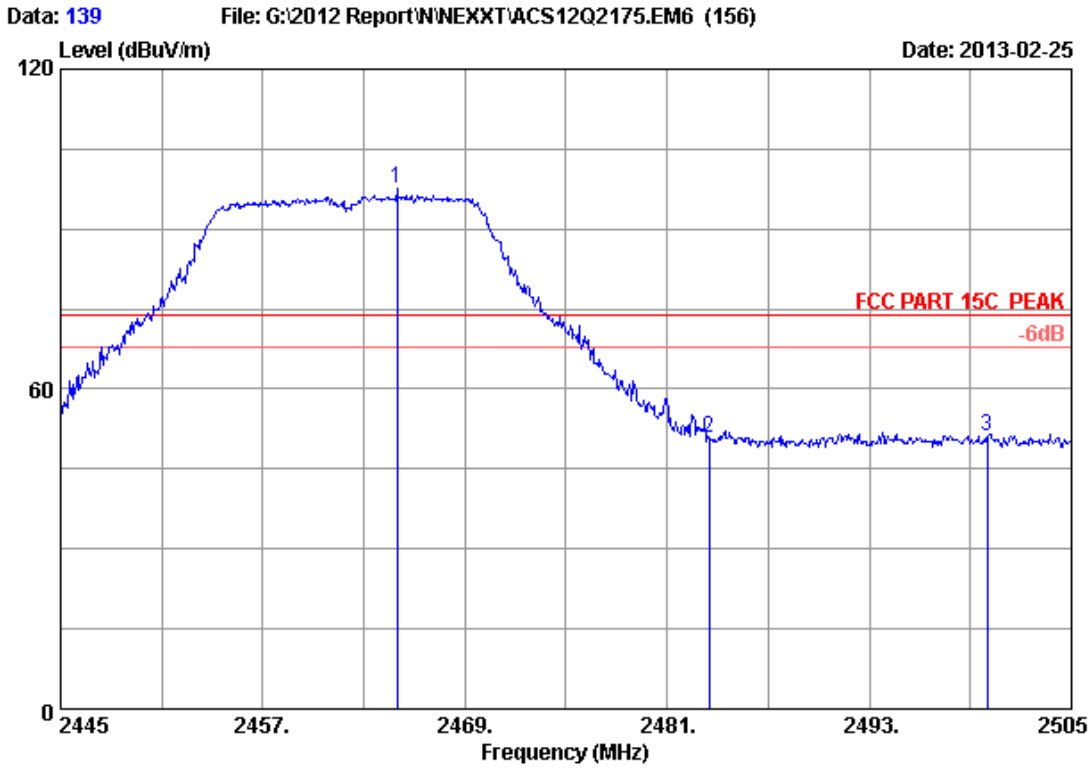
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 138
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2458.380	29.48	8.82	36.02	92.83	95.11	54.00	-41.11	Average
2	2483.500	29.49	8.87	35.97	41.68	44.07	54.00	9.93	Average
3	2500.000	29.50	8.92	36.00	40.29	42.71	54.00	11.29	Average

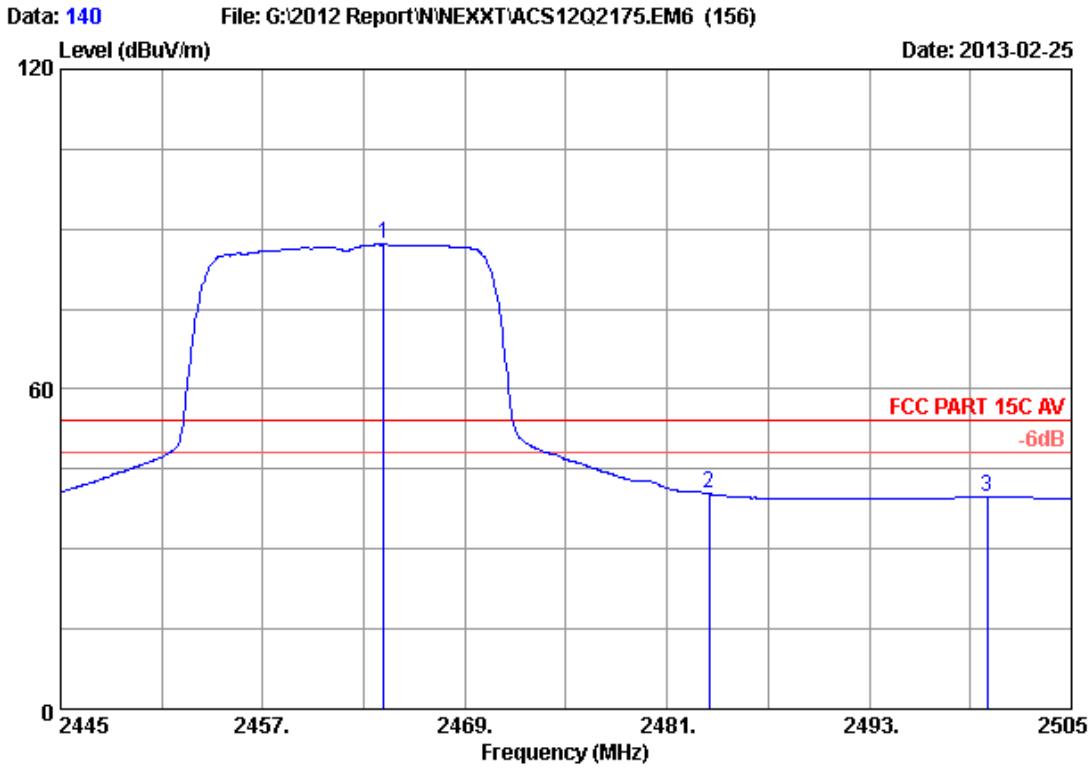
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 139
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2464.980	29.48	8.82	36.02	95.37	97.65	74.00	-23.65	Peak
2	2483.500	29.49	8.87	35.97	48.46	50.85	74.00	23.15	Peak
3	2500.000	29.50	8.92	36.00	48.57	50.99	74.00	23.01	Peak

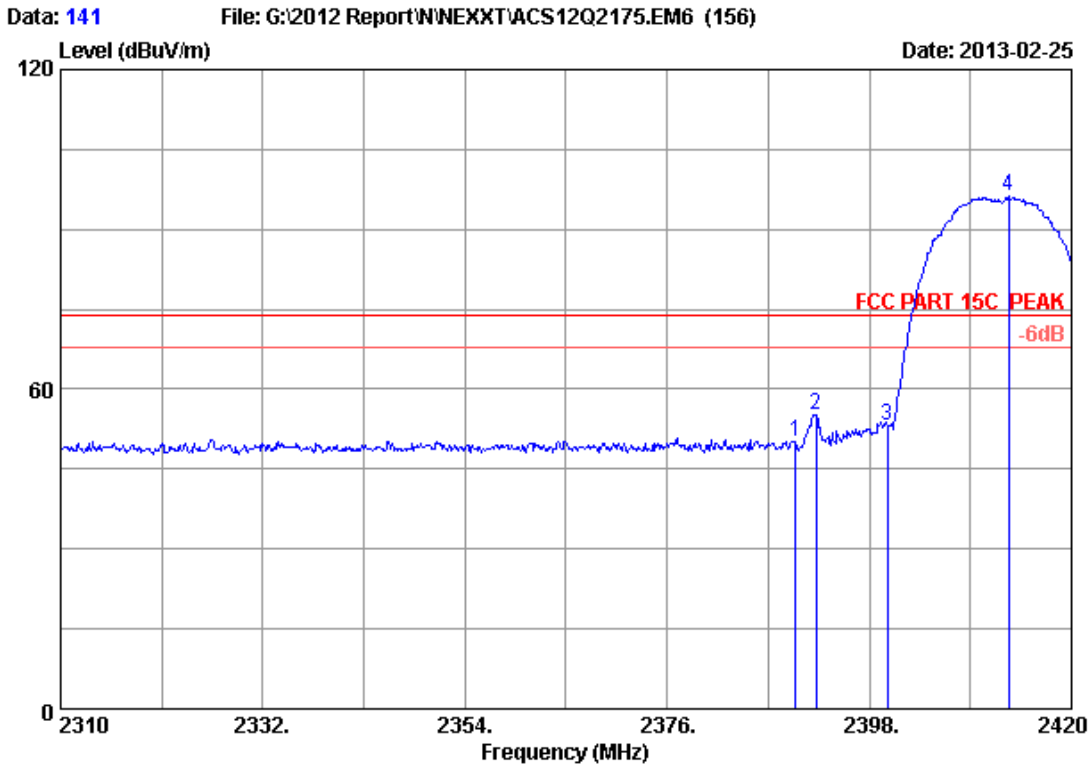
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 140
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_HORIZONTAL

	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	2464.200	29.48	8.82	36.02	84.87	87.15	54.00	-33.15	Average
2	2483.500	29.49	8.87	35.97	37.97	40.36	54.00	13.64	Average
3	2500.000	29.50	8.92	36.00	37.33	39.75	54.00	14.25	Average

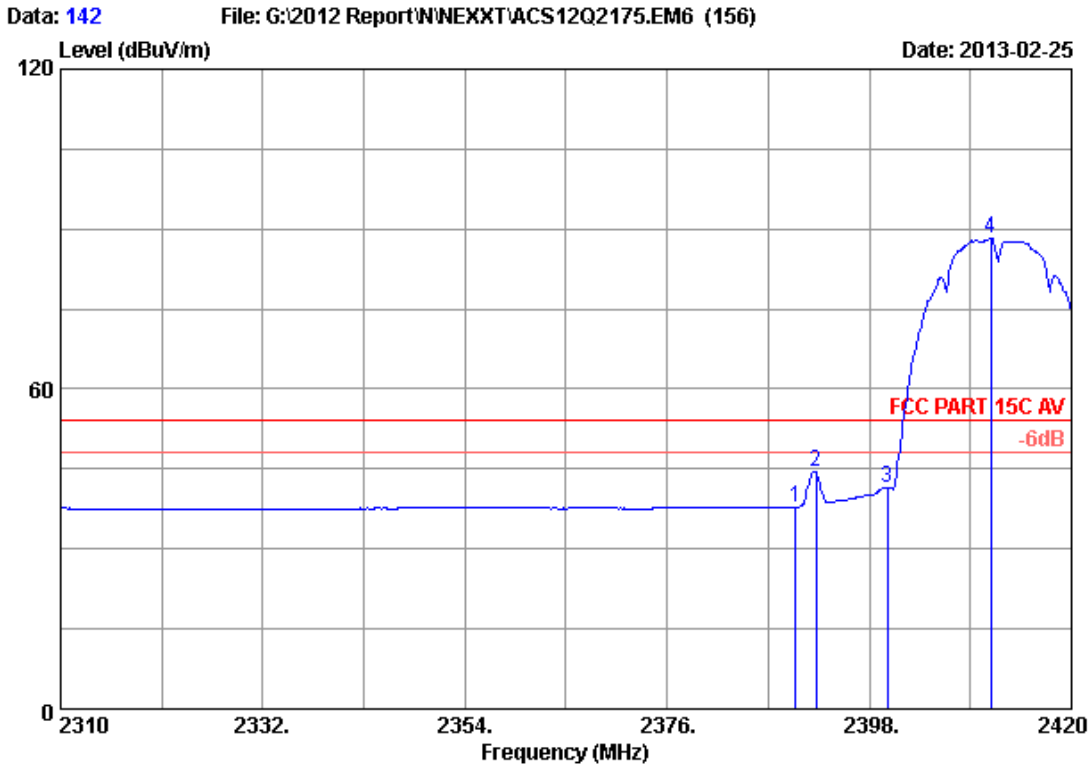
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 141
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	48.02	50.04	74.00	23.96	Peak
2	2392.170	29.44	8.67	36.09	53.15	55.17	74.00	18.83	Peak
3	2400.000	29.44	8.72	36.09	51.22	53.29	74.00	20.71	Peak
4	2413.180	29.45	8.72	35.95	93.96	96.18	74.00	-22.18	Peak

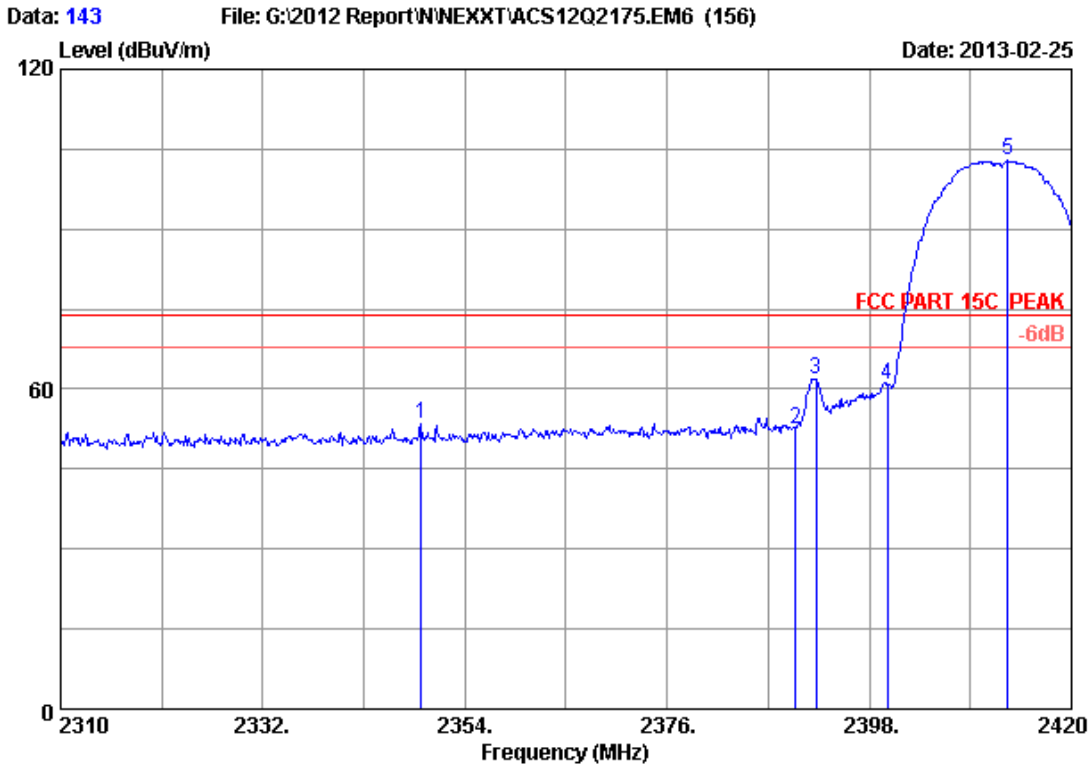
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 142
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	35.87	37.89	54.00	16.11	Average
2	2392.170	29.44	8.67	36.09	42.55	44.57	54.00	9.43	Average
3	2400.000	29.44	8.72	36.09	39.39	41.46	54.00	12.54	Average
4	2411.200	29.45	8.72	35.95	85.98	88.20	54.00	-34.20	Average

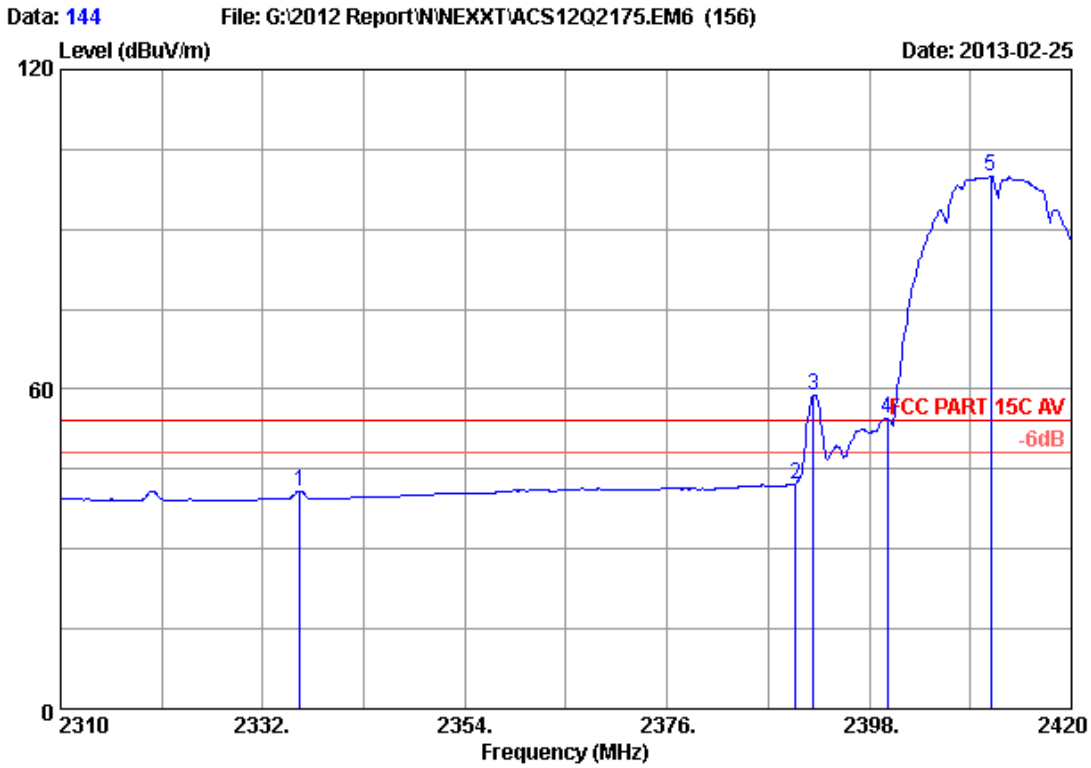
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 143
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2349.270	29.41	8.62	35.99	51.43	53.47	74.00	20.53	Peak
2	2390.000	29.44	8.67	36.09	50.43	52.45	74.00	21.55	Peak
3	2392.170	29.44	8.67	36.09	59.92	61.94	74.00	12.06	Peak
4	2400.000	29.44	8.72	36.09	58.70	60.77	74.00	13.23	Peak
5	2413.070	29.45	8.72	35.95	100.60	102.82	74.00	-28.82	Peak

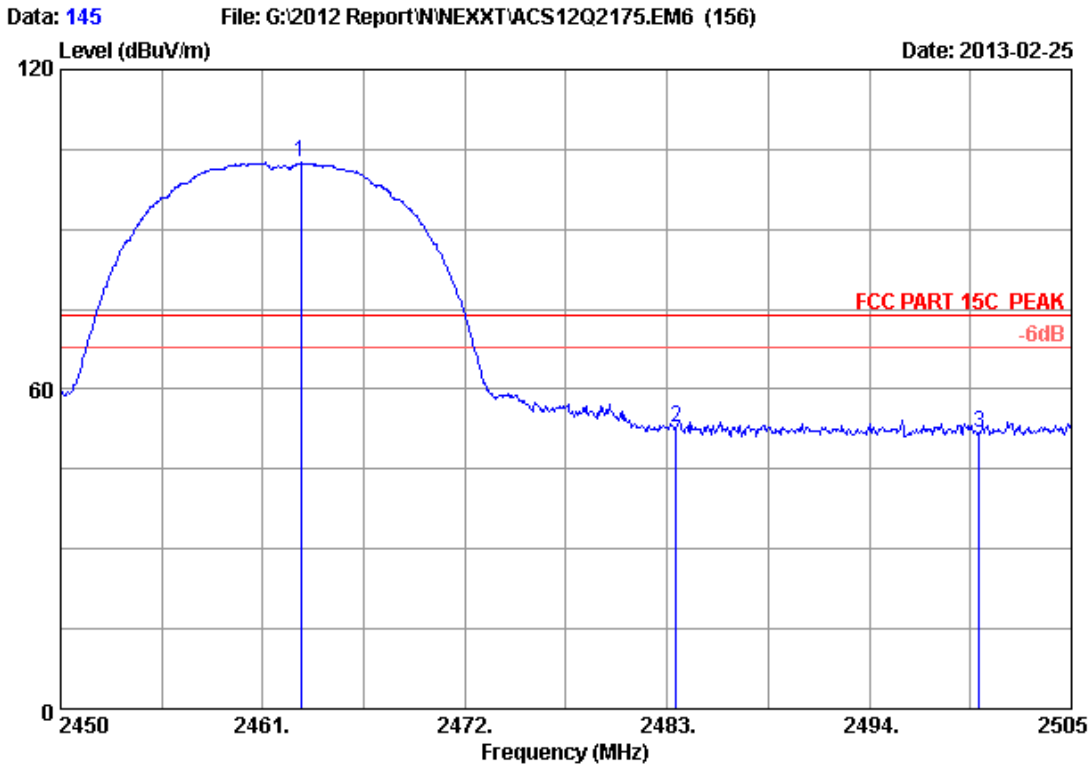
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 144
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2336.070	29.41	8.57	35.99	38.92	40.91	54.00	13.09	Average
2	2390.000	29.44	8.67	36.09	40.25	42.27	54.00	11.73	Average
3	2391.950	29.44	8.67	36.09	56.82	58.84	54.00	-4.84	Average
4	2400.000	29.44	8.72	36.09	52.41	54.48	54.00	-0.48	Average
5	2411.200	29.45	8.72	35.95	97.83	100.05	54.00	-46.05	Average

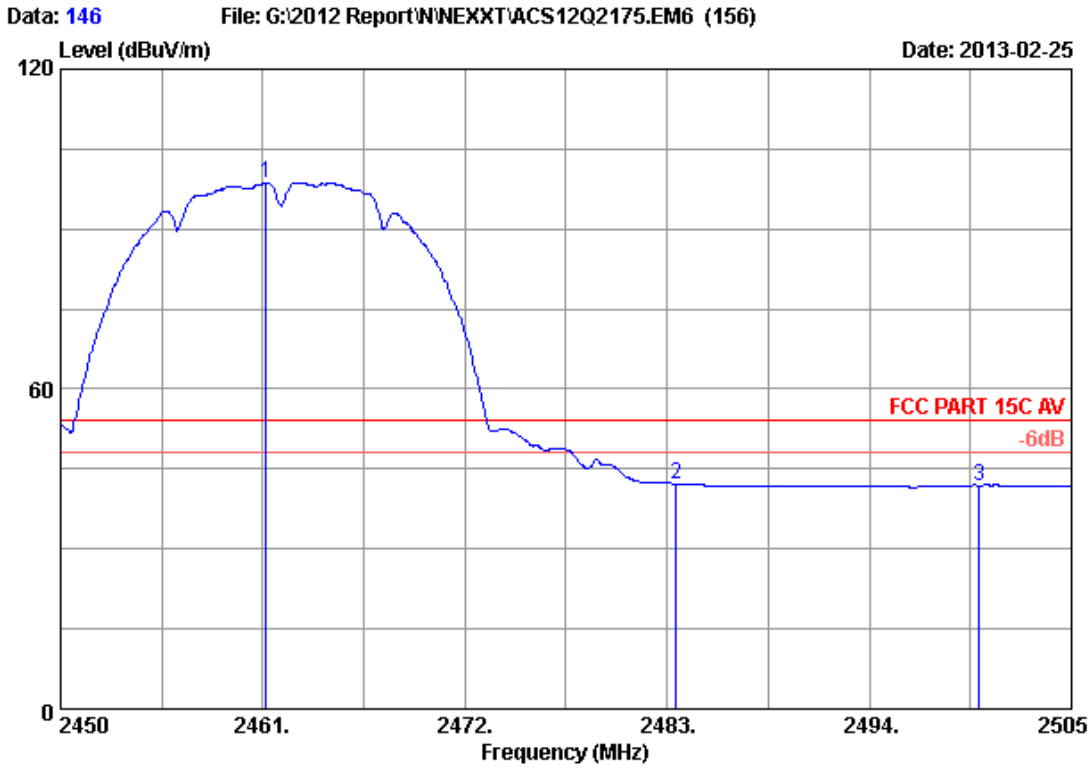
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 145
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2463.090	29.48	8.82	36.02	100.22	102.50	74.00	-28.50	Peak
2	2483.500	29.49	8.87	35.97	50.45	52.84	74.00	21.16	Peak
3	2500.000	29.50	8.92	36.00	49.23	51.65	74.00	22.35	Peak

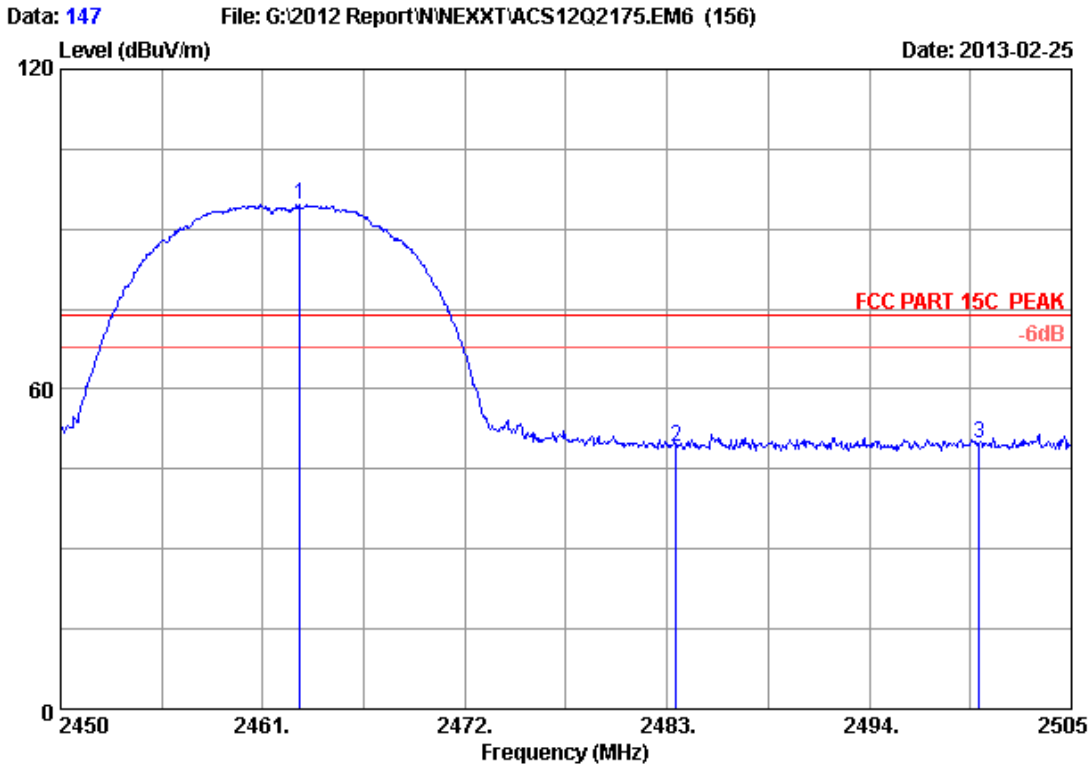
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 146
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2461.165	29.48	8.82	36.02	96.43	98.71	54.00	-44.71	Average
2	2483.500	29.49	8.87	35.97	39.80	42.19	54.00	11.81	Average
3	2500.000	29.50	8.92	36.00	39.49	41.91	54.00	12.09	Average

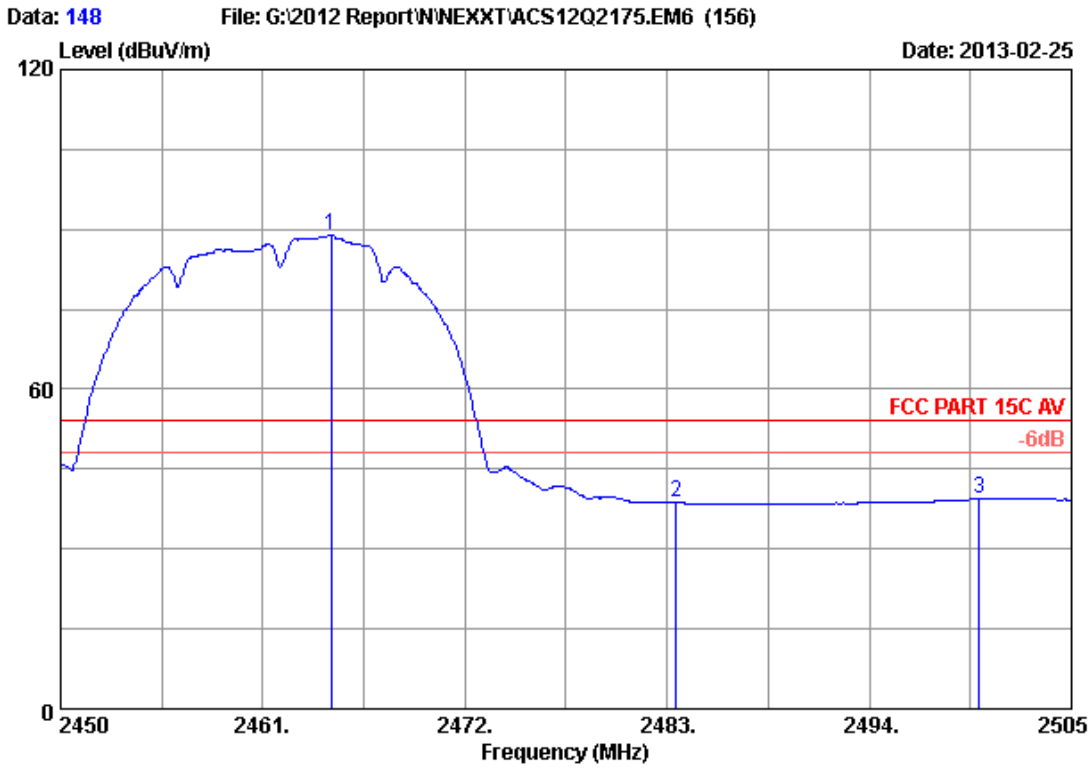
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 147
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2463.035	29.48	8.82	36.02	92.32	94.60	74.00	-20.60	Peak
2	2483.500	29.49	8.87	35.97	46.82	49.21	74.00	24.79	Peak
3	2500.000	29.50	8.92	36.00	47.26	49.68	74.00	24.32	Peak

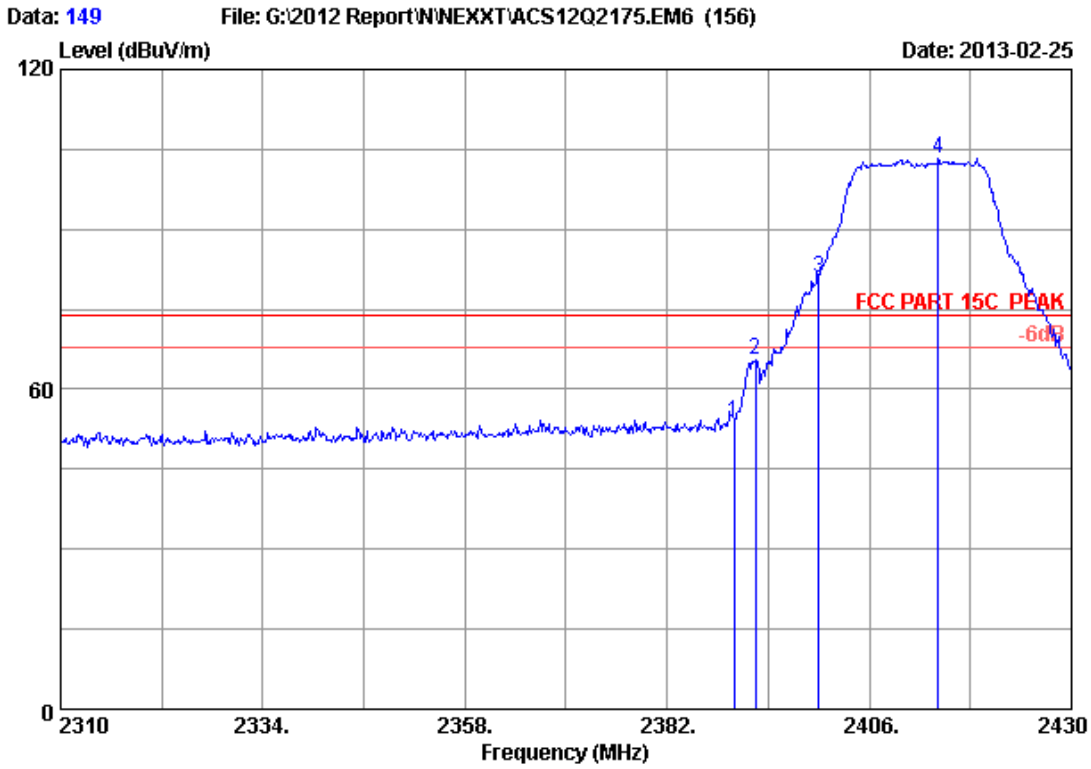
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 148
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2464.740	29.48	8.82	36.02	86.61	88.89	54.00	-34.89	Average
2	2483.500	29.49	8.87	35.97	36.27	38.66	54.00	15.34	Average
3	2500.000	29.50	8.92	36.00	36.91	39.33	54.00	14.67	Average

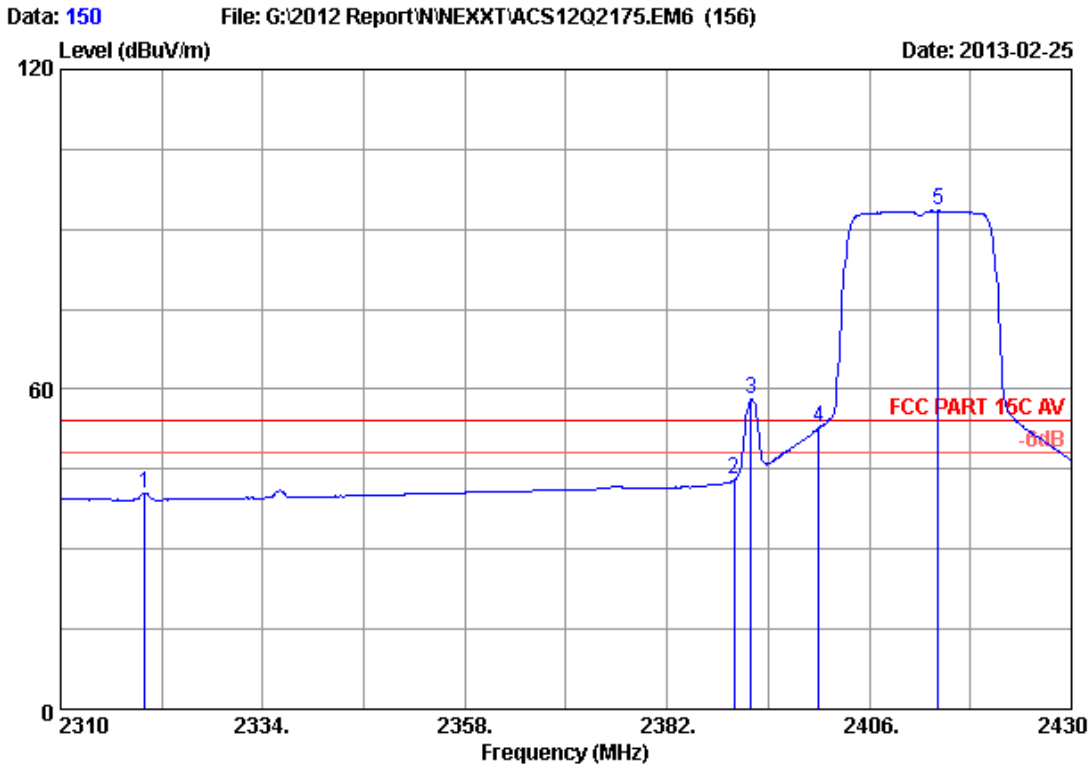
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 149
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	51.69	53.71	74.00	20.29	Peak
2	2392.440	29.44	8.67	36.09	63.35	65.37	74.00	8.63	Peak
3	2400.000	29.44	8.72	36.09	78.80	80.87	74.00	-6.87	Peak
4	2414.160	29.45	8.72	35.95	101.13	103.35	74.00	-29.35	Peak

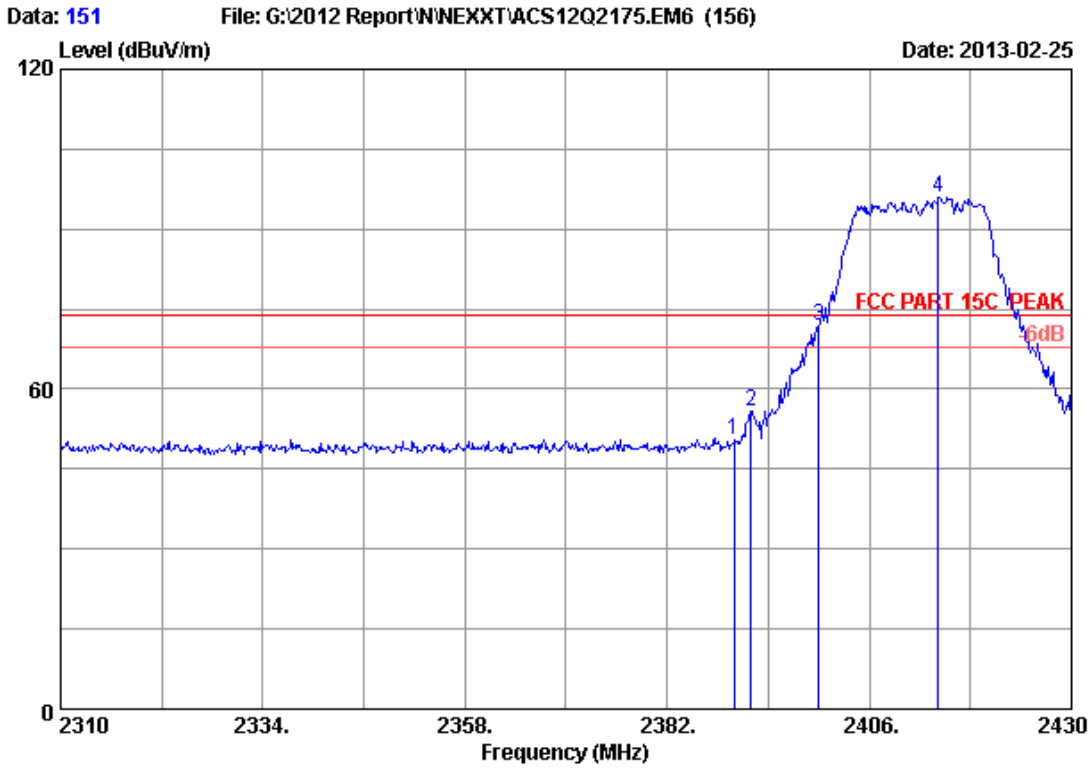
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 150
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2319.960	29.40	8.52	36.06	38.67	40.53	54.00	13.47	Average
2	2390.000	29.44	8.67	36.09	40.93	42.95	54.00	11.05	Average
3	2391.960	29.44	8.67	36.09	56.10	58.12	54.00	-4.12	Average
4	2400.000	29.44	8.72	36.09	50.74	52.81	54.00	1.19	Average
5	2414.160	29.45	8.72	35.95	91.22	93.44	54.00	-39.44	Average

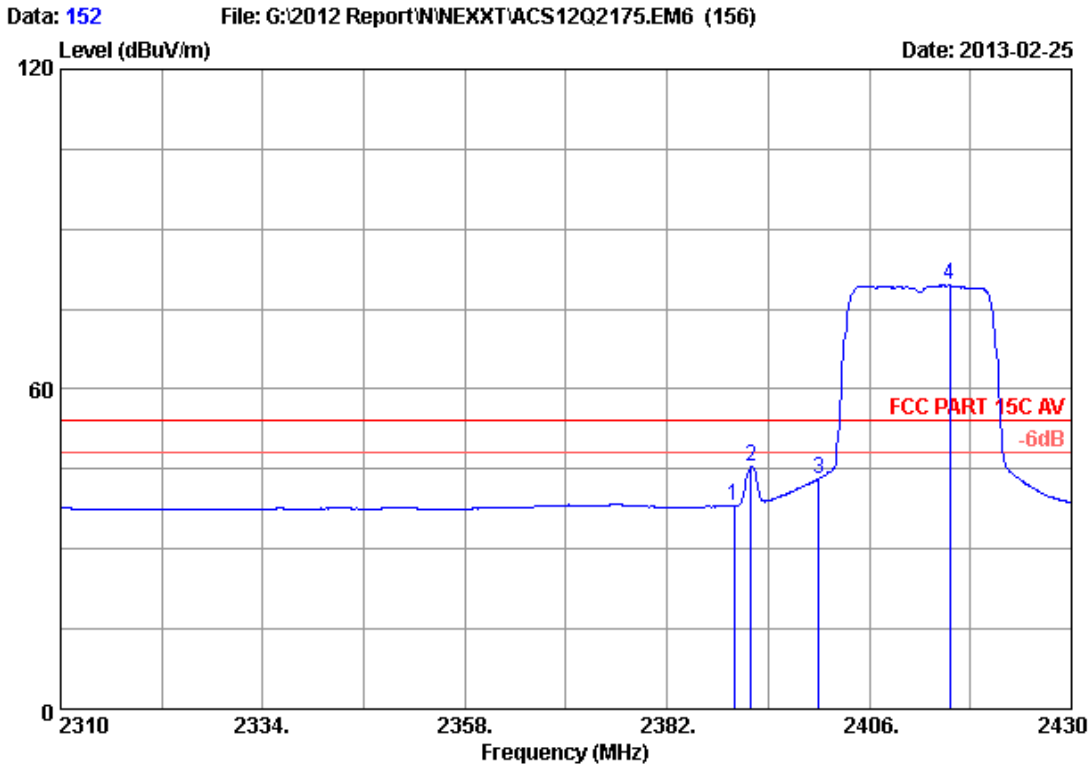
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 151
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	48.44	50.46	74.00	23.54	Peak
2	2391.960	29.44	8.67	36.09	53.85	55.87	74.00	18.13	Peak
3	2400.000	29.44	8.72	36.09	69.83	71.90	74.00	2.10	Peak
4	2414.160	29.45	8.72	35.95	93.78	96.00	74.00	-22.00	Peak

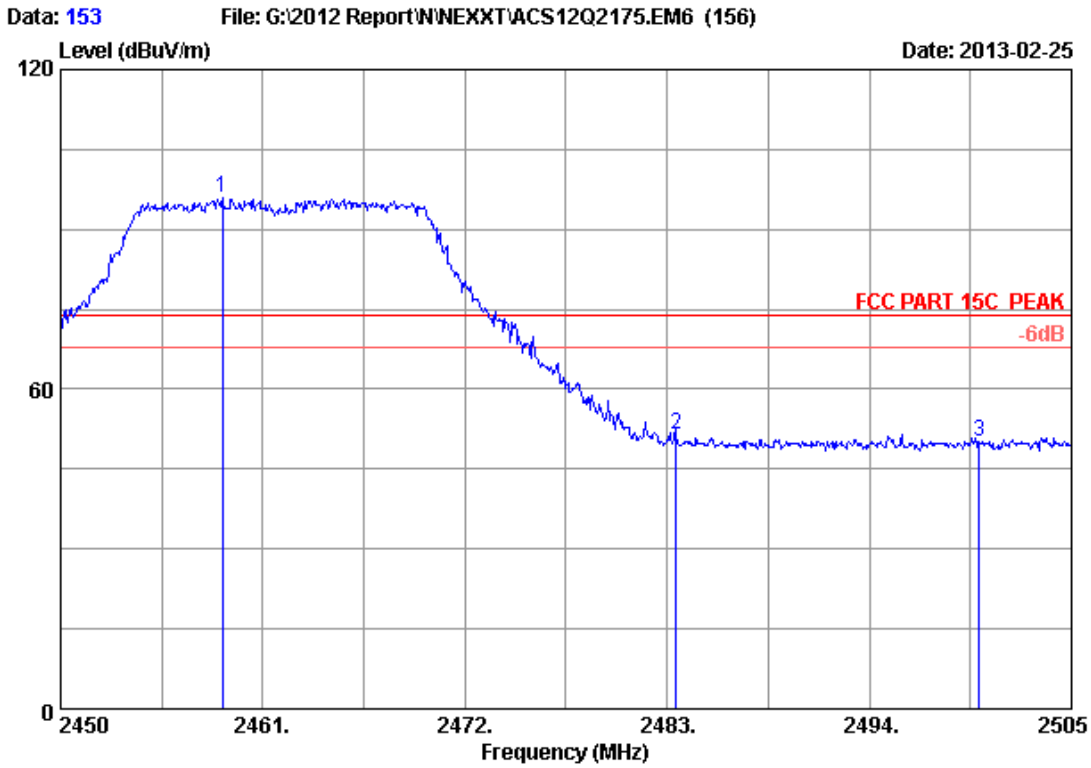
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 152
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH1 2412MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	36.06	38.08	54.00	15.92	Average
2	2391.960	29.44	8.67	36.09	43.44	45.46	54.00	8.54	Average
3	2400.000	29.44	8.72	36.09	41.15	43.22	54.00	10.78	Average
4	2415.600	29.45	8.72	35.95	77.20	79.42	54.00	-25.42	Average

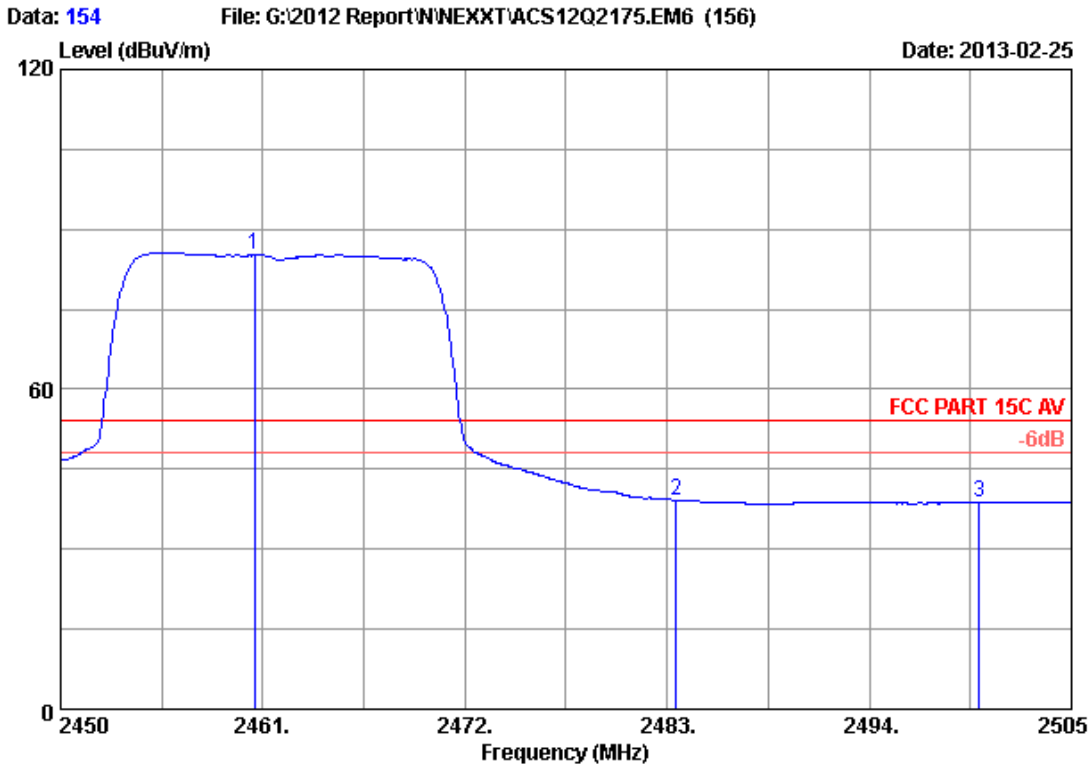
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 153
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2458.800	29.48	8.82	36.02	93.59	95.87	74.00	-21.87	Peak
2	2483.500	29.49	8.87	35.97	49.08	51.47	74.00	22.53	Peak
3	2500.000	29.50	8.92	36.00	47.61	50.03	74.00	23.97	Peak

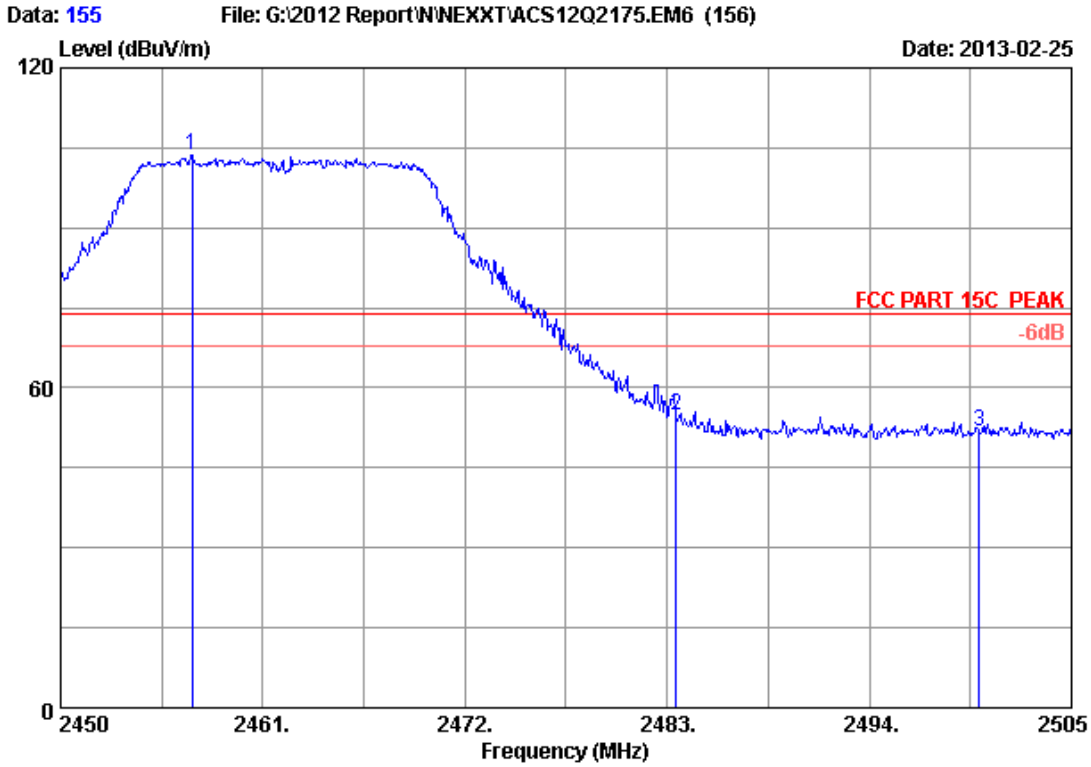
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 154
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2460.560	29.48	8.82	36.02	83.00	85.28	54.00	-31.28	Average
2	2483.500	29.49	8.87	35.97	36.82	39.21	54.00	14.79	Average
3	2500.000	29.50	8.92	36.00	36.33	38.75	54.00	15.25	Average

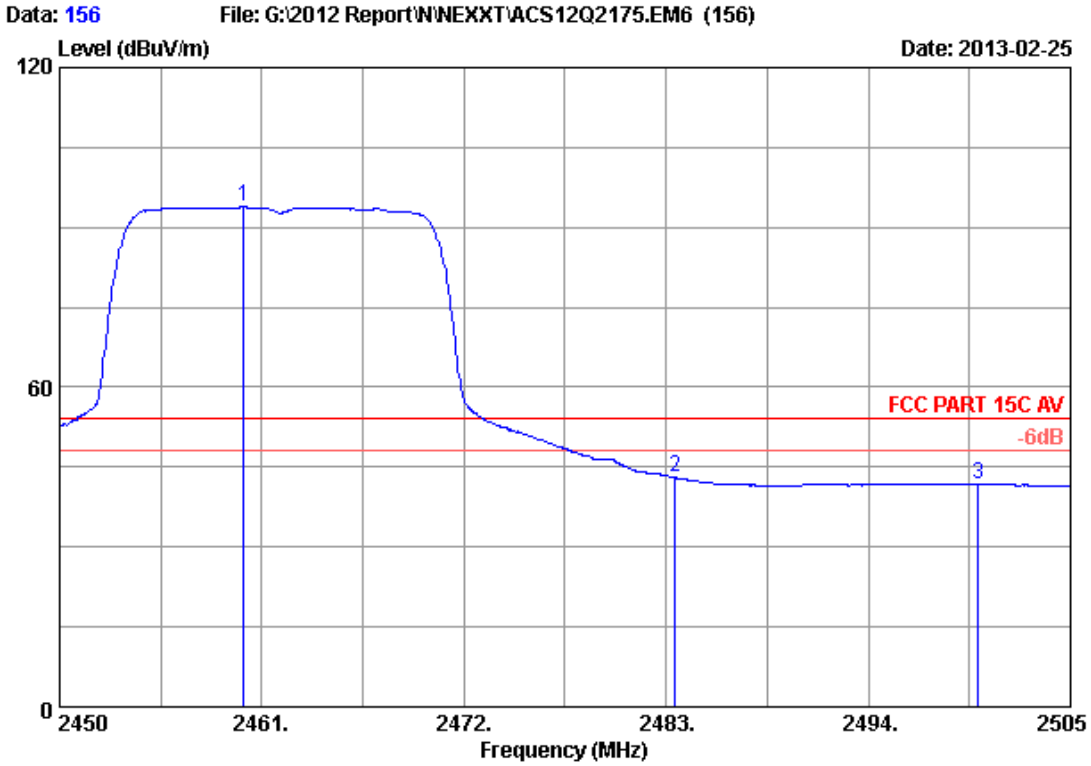
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 155
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2457.150	29.48	8.82	36.02	101.32	103.60	74.00	-29.60	Peak
2	2483.500	29.49	8.87	35.97	52.29	54.68	74.00	19.32	Peak
3	2500.000	29.50	8.92	36.00	49.31	51.73	74.00	22.27	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. : 156
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 2.4GHz High Power Wireless Outdoor Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11g CH11 2462MHz Tx
M/N : AELPLDR4U1
: ANT_EXTERNAL

	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	2460.010	29.48	8.82	36.02	91.56	93.84	54.00	-39.84	Average
2	2483.500	29.49	8.87	35.97	40.60	42.99	54.00	11.01	Average
3	2500.000	29.50	8.92	36.00	39.34	41.76	54.00	12.24	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	N9030A	MY5138022	May.08, 12	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 12	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 12	1Year
4.	HF Cable	Hubersuhner	Sucoflex104	-	May.08, 12	1 Year

7.2.Limit

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

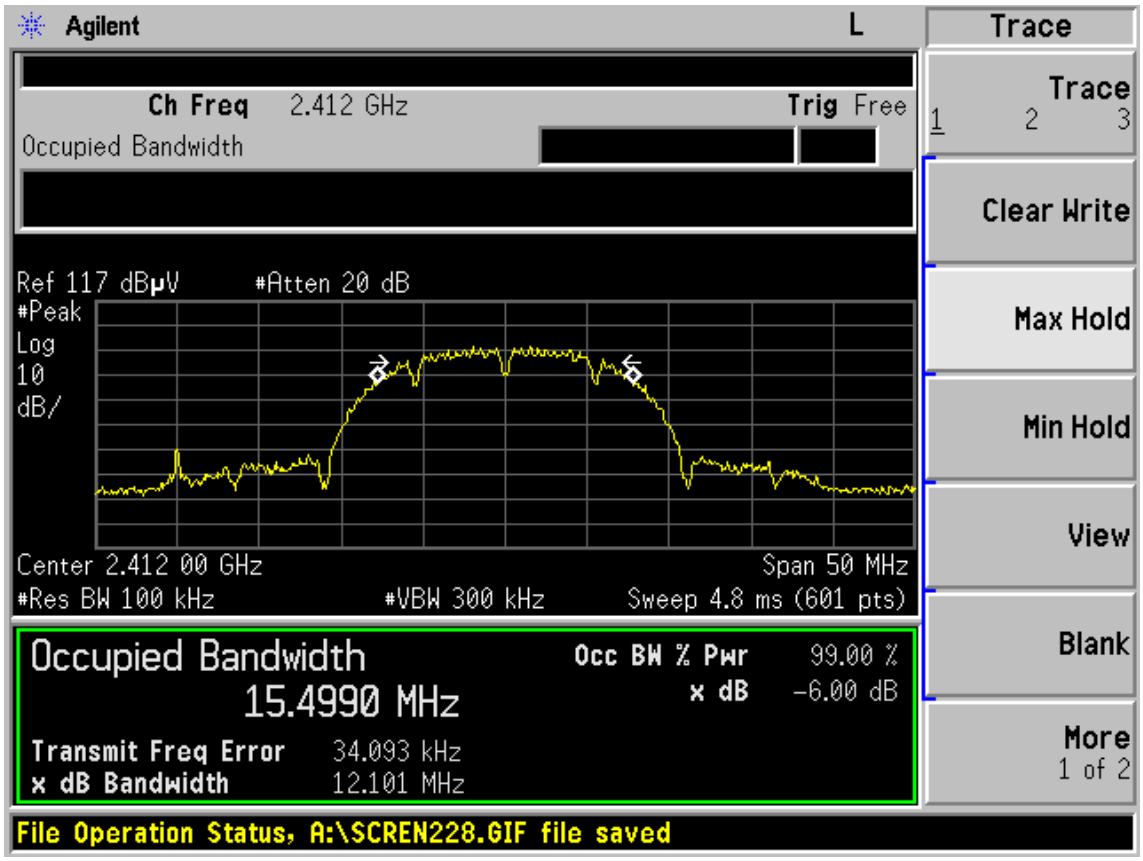
7.3.Test Procedure

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.

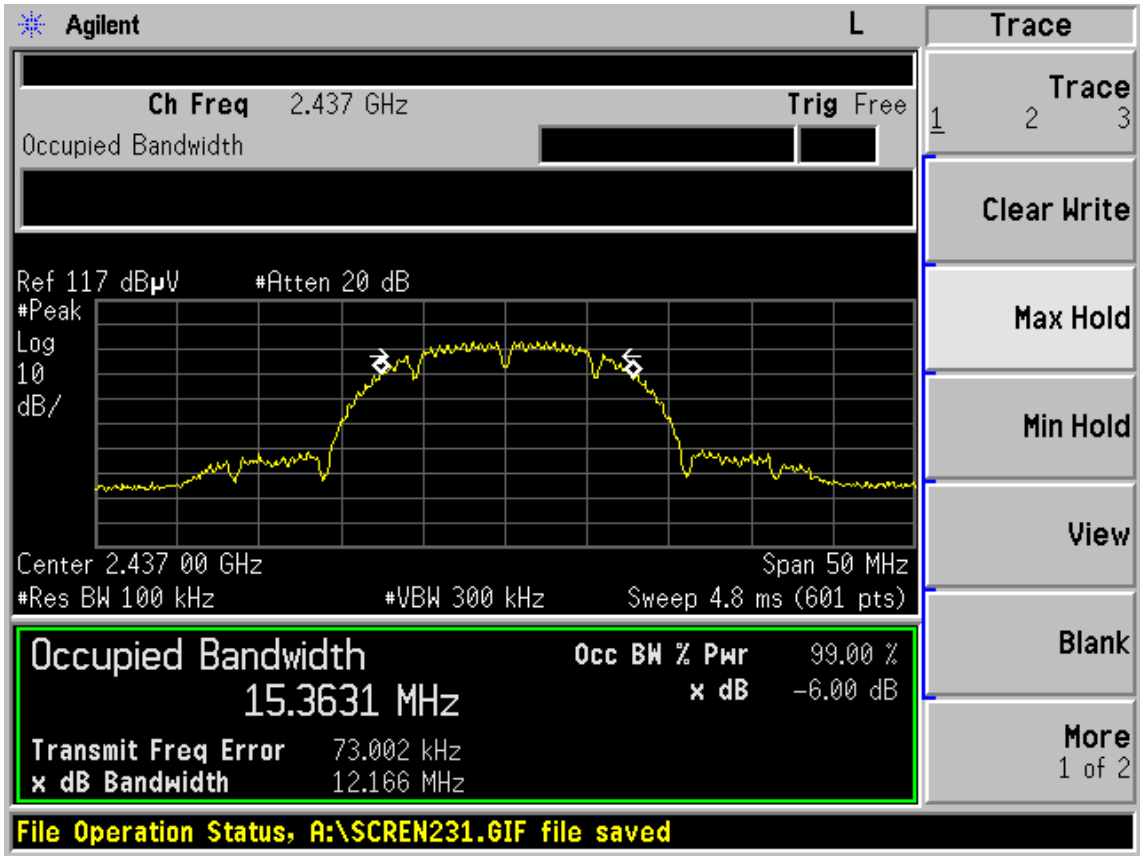
7.4.Test Results

EUT: 2.4GHz High Power Wireless Outdoor Access Point M/N: AELPLDR4U1				
Test date:2013-02-20		Pressure: 100.6±1kpa		Humidity: 56±3%
Tested by: Leo Li		Test site: RF site		Temperature： 25±0.6℃
Cable loss: 0.6 dB		Attenuator loss: 20 dB		
Antenna Gain	Vertical& Horizontal :12dBi External :9dBi			
Antenna	Test Mode	CH	6dB bandwidth (MHz)	Limit (KHz)
Vertical	11b	CH1	12.128	>500
		CH6	12.086	>500
		CH11	12.098	>500
	11g	CH1	16.430	>500
		CH6	16.484	>500
		CH11	16.418	>500
Horizontal	11b	CH1	12.079	>500
		CH6	12.111	>500
		CH11	12.100	>500
	11g	CH1	16.445	>500
		CH6	16.454	>500
		CH11	16.414	>500
External	11b	CH1	12.101	>500
		CH6	12.166	>500
		CH11	12.120	>500
	11g	CH1	16.458	>500
		CH6	16.453	>500
		CH11	16.416	>500
Conclusion：PASS				

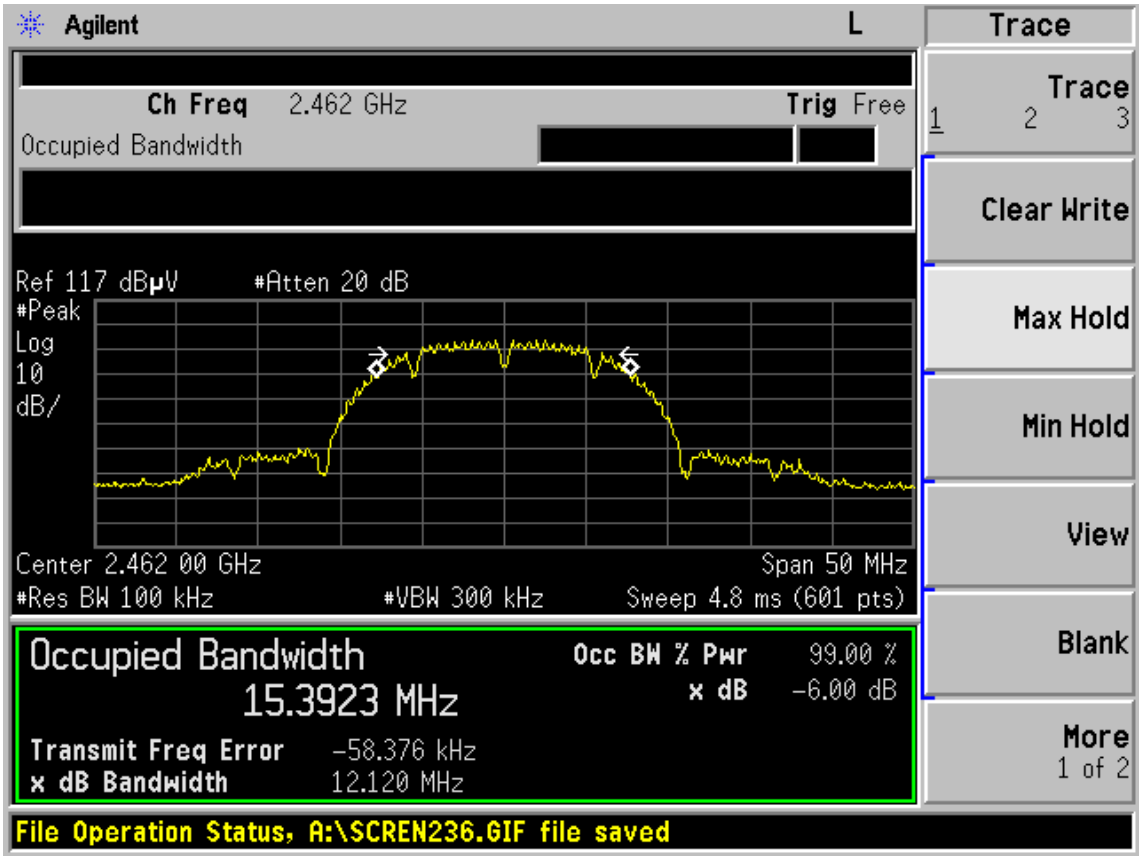
Test Mode: IEEE 802.11b TX
Test CH1: 2412MHz



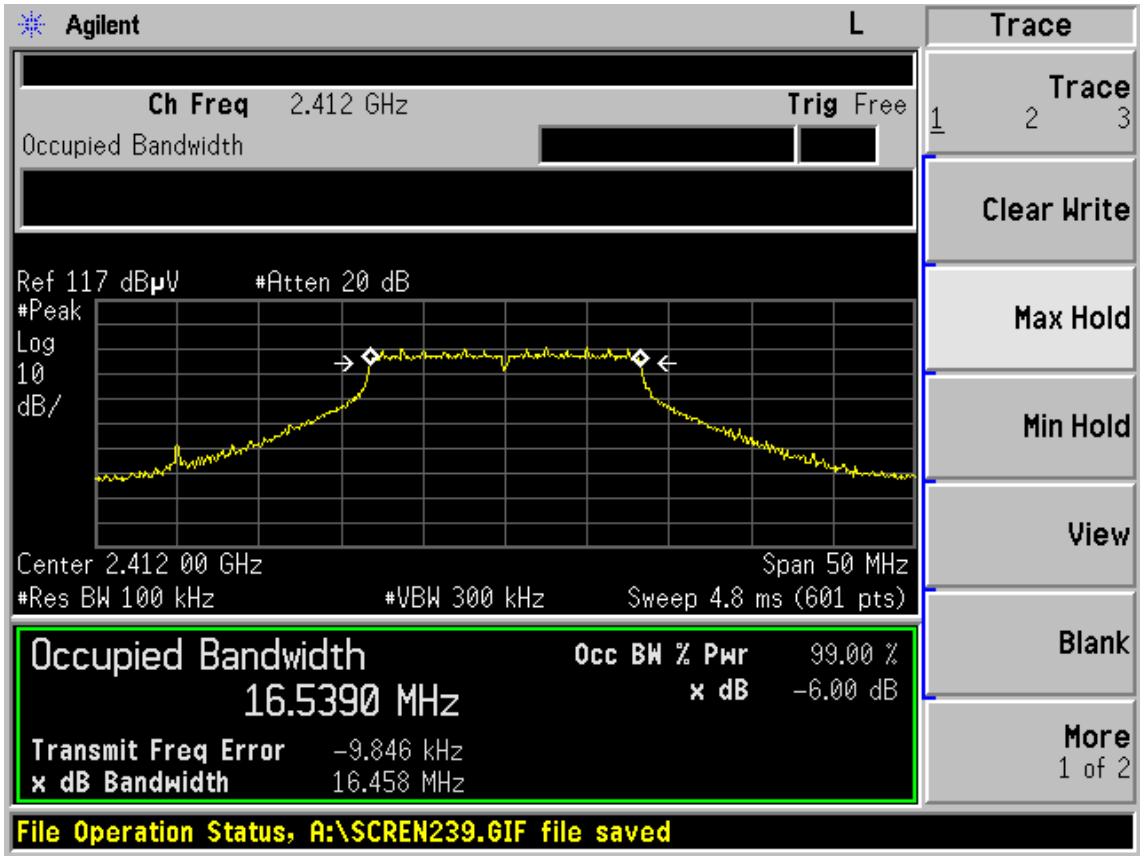
Test CH6: 2437MHz



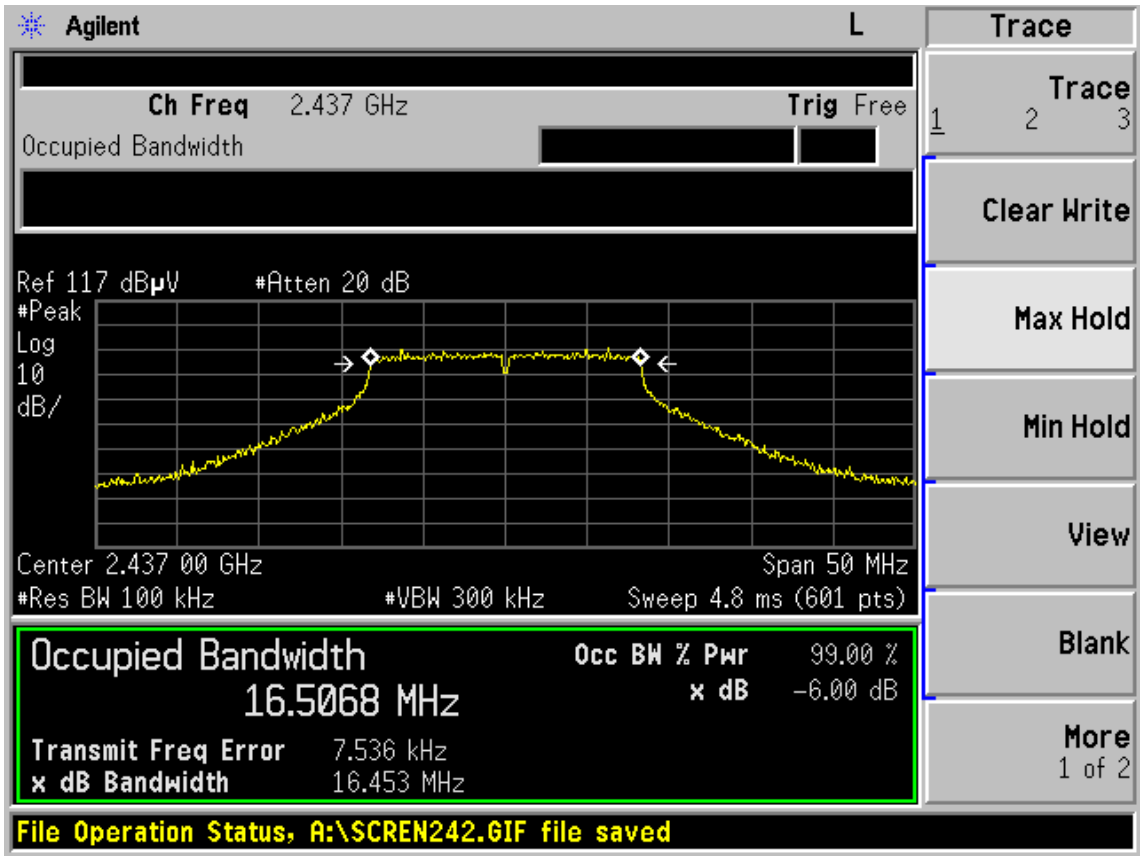
Test CH11: 2462MHz



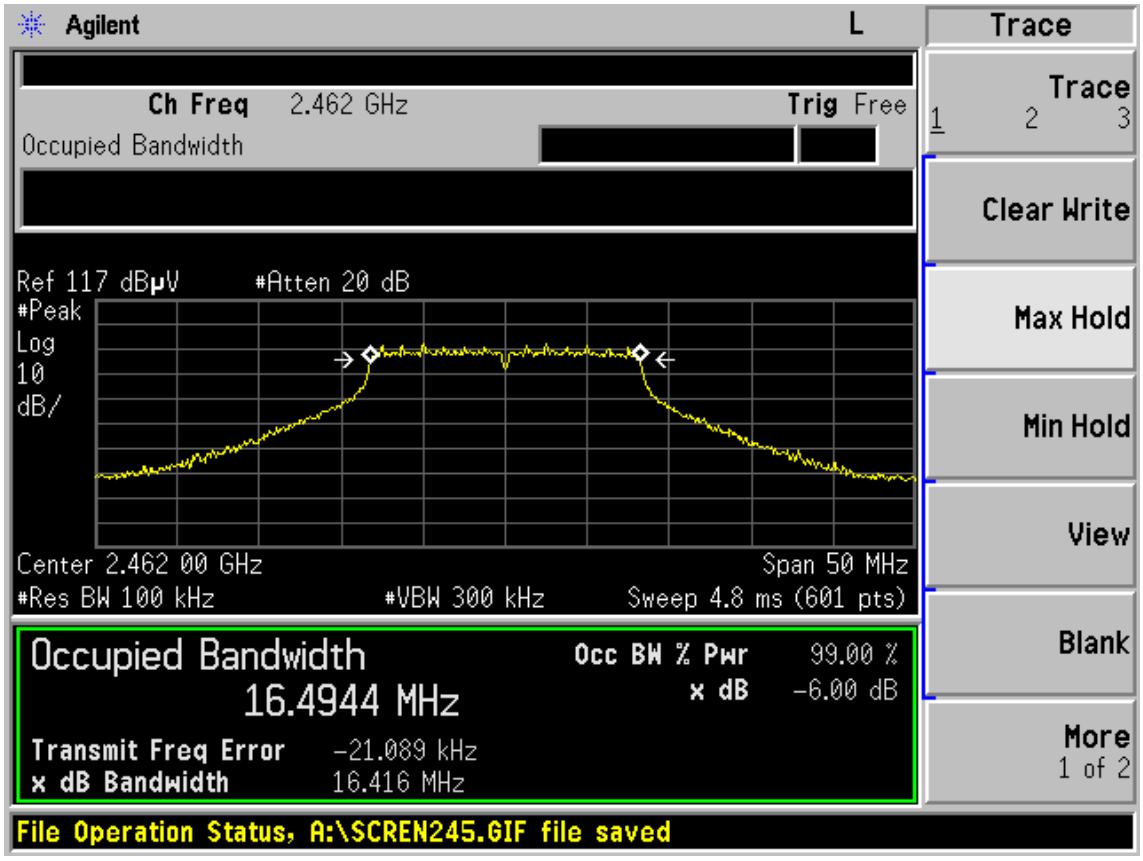
Test Mode: IEEE 802.11g TX
Test CH1: 2412MHz



Test CH6: 2437MHz



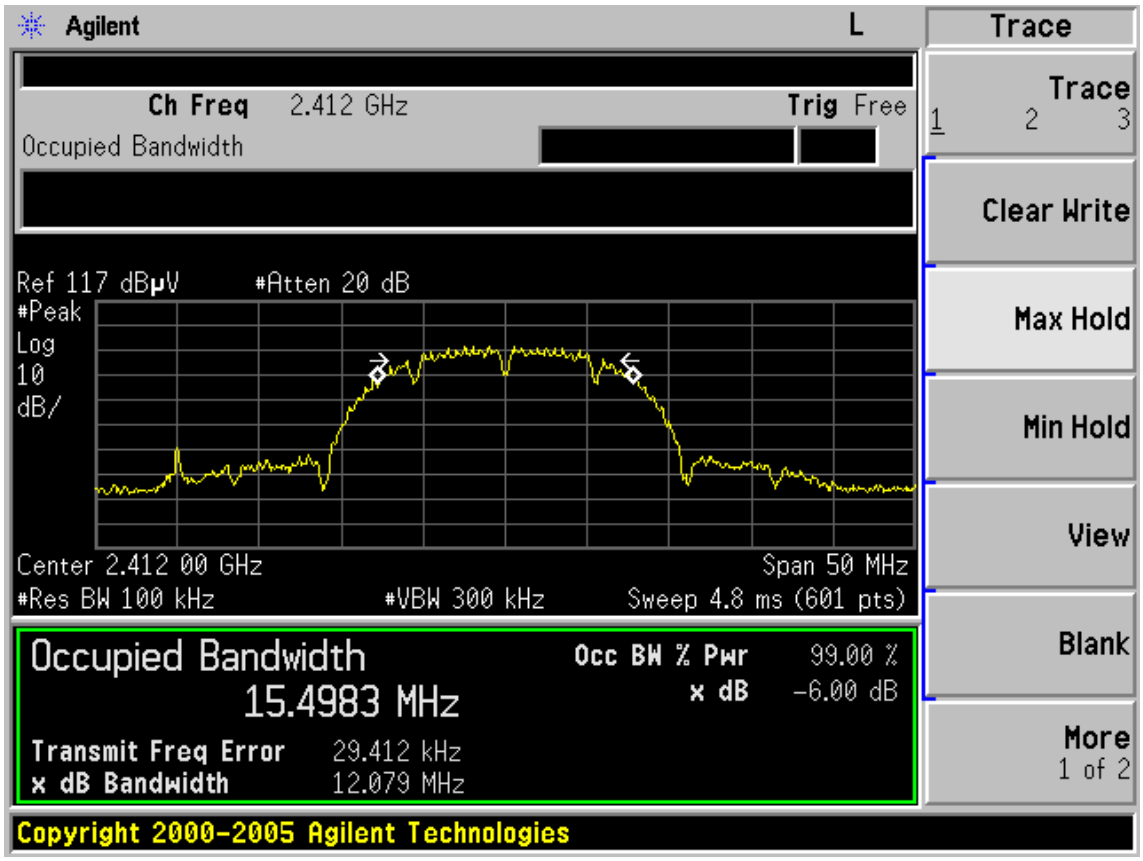
Test CH11: 2462MHz



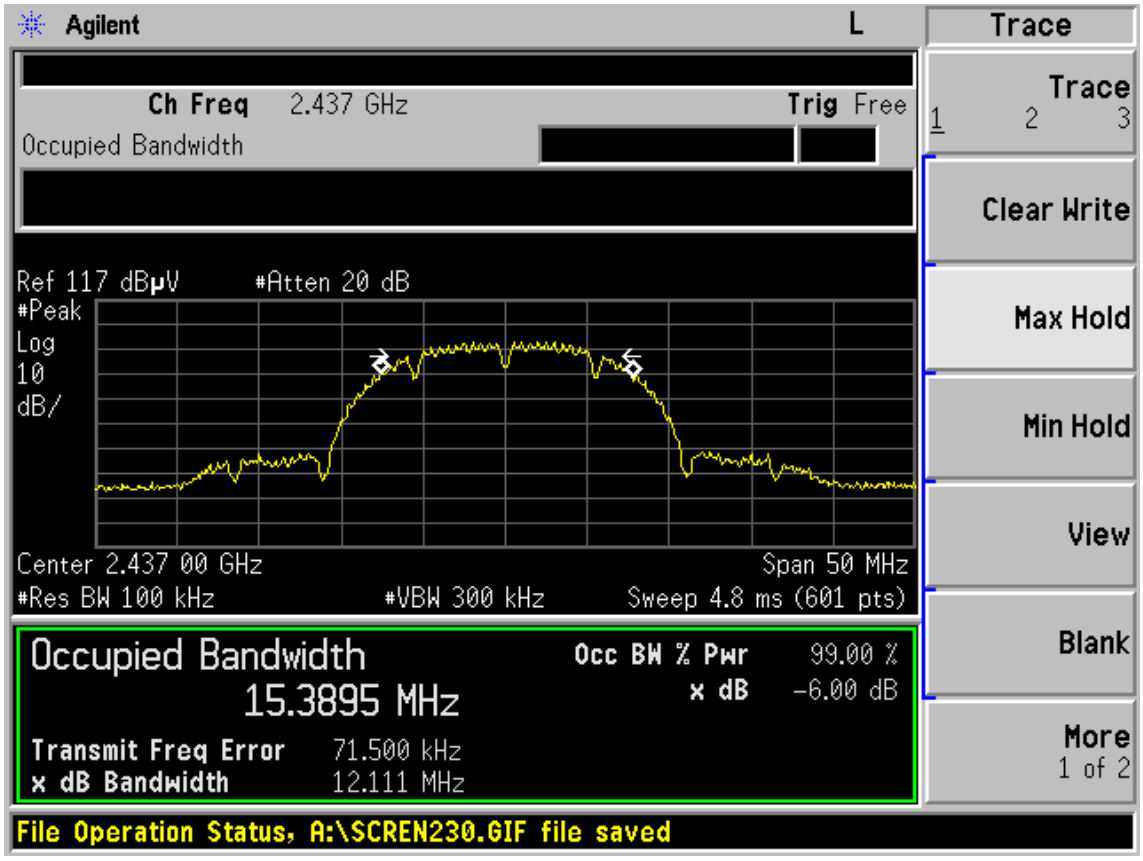
Horizontal

Test Mode: IEEE 802.11b TX

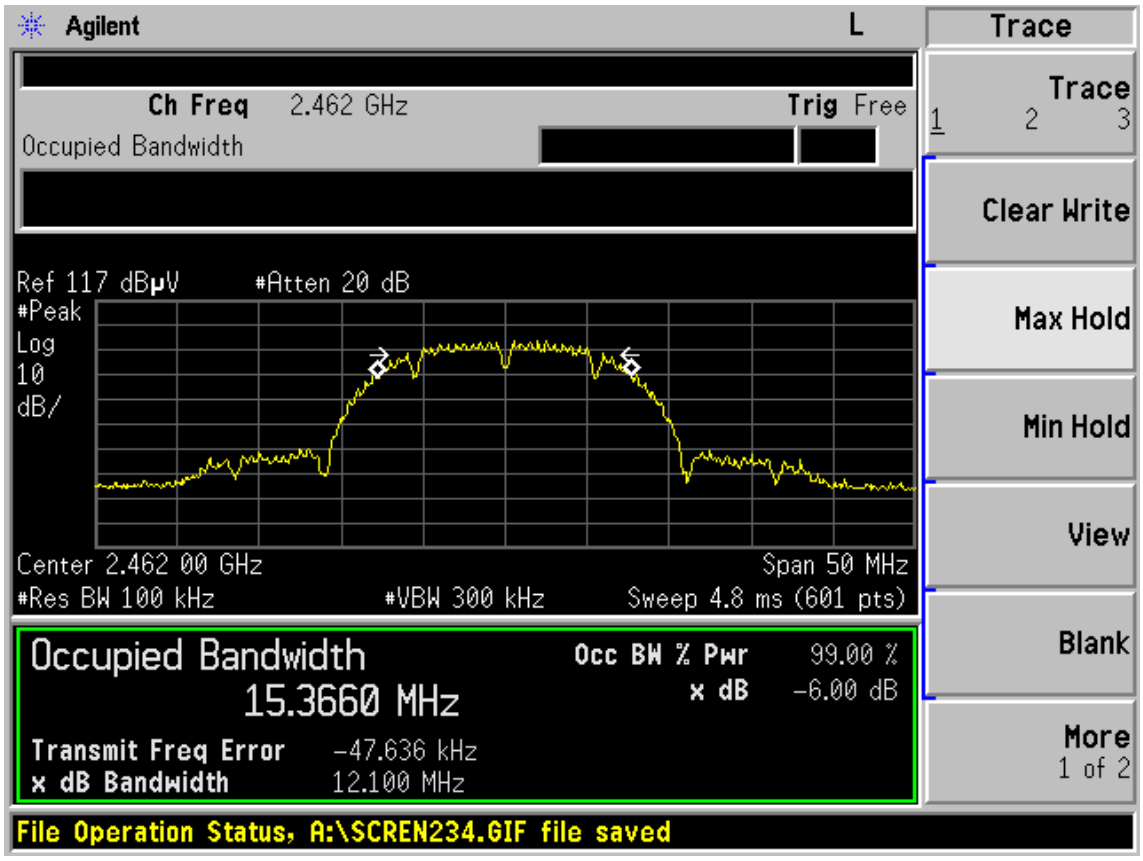
Test CH1: 2412MHz



Test CH6: 2437MHz

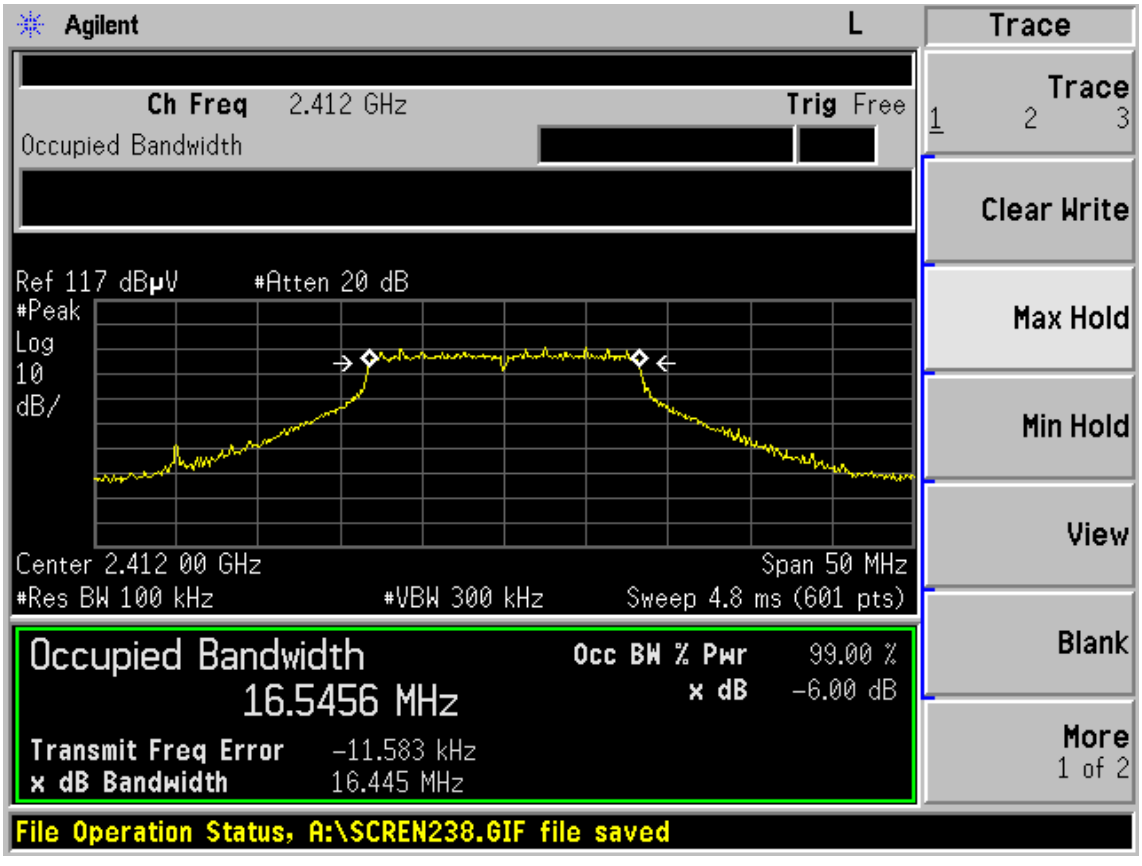


Test CH11: 2462MHz

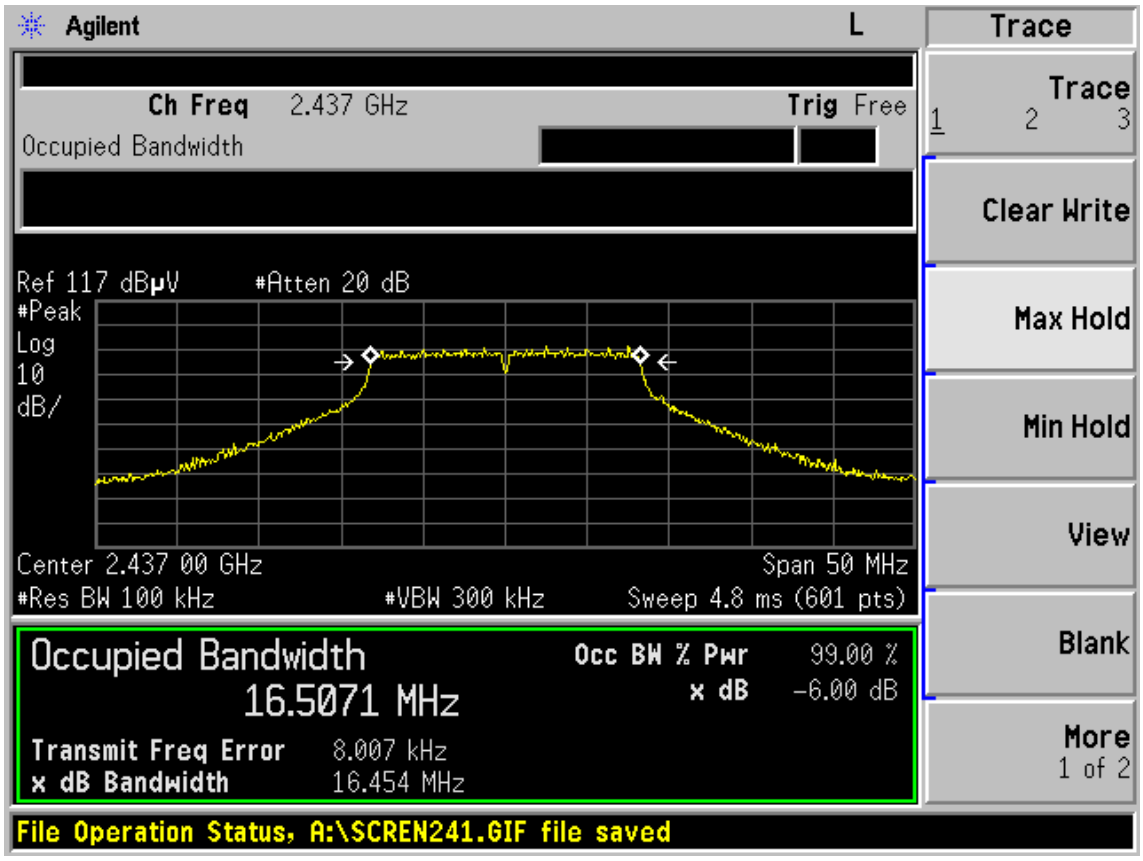


Test Mode: IEEE 802.11g TX

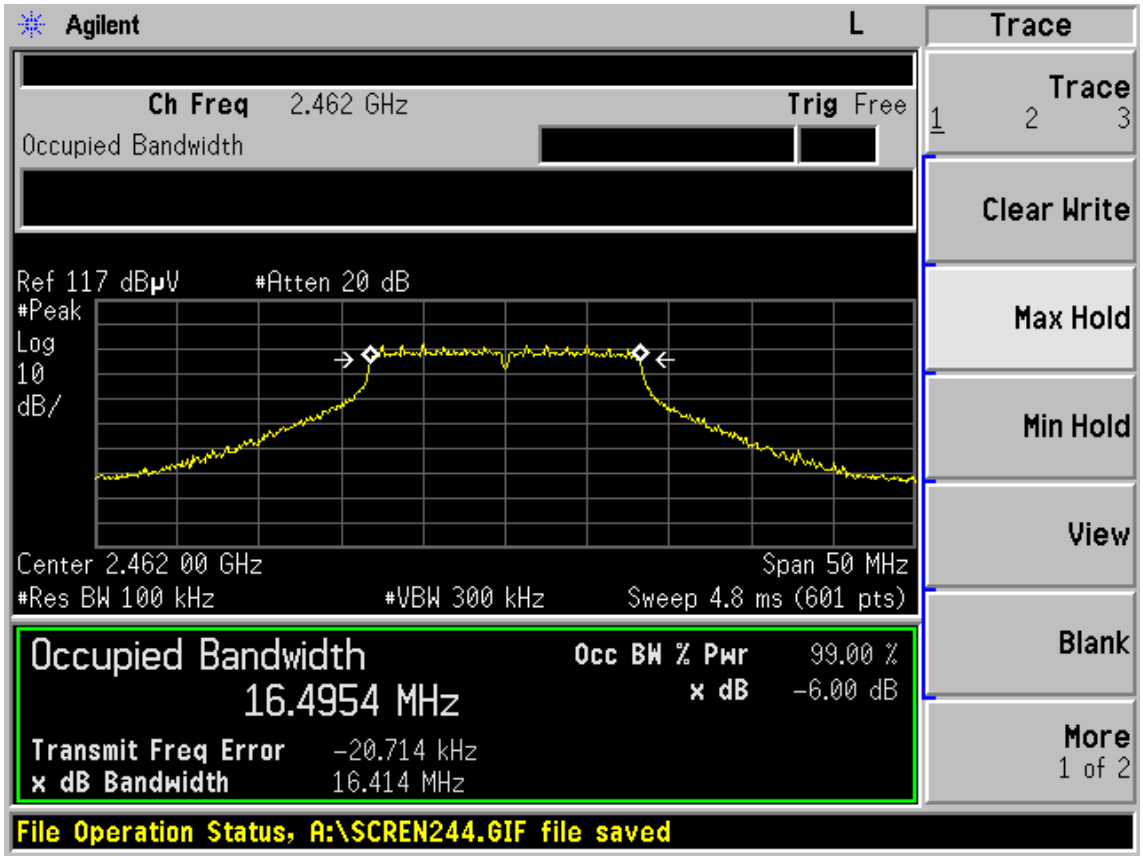
Test CH1: 2412MHz



Test CH4: 2437MHz



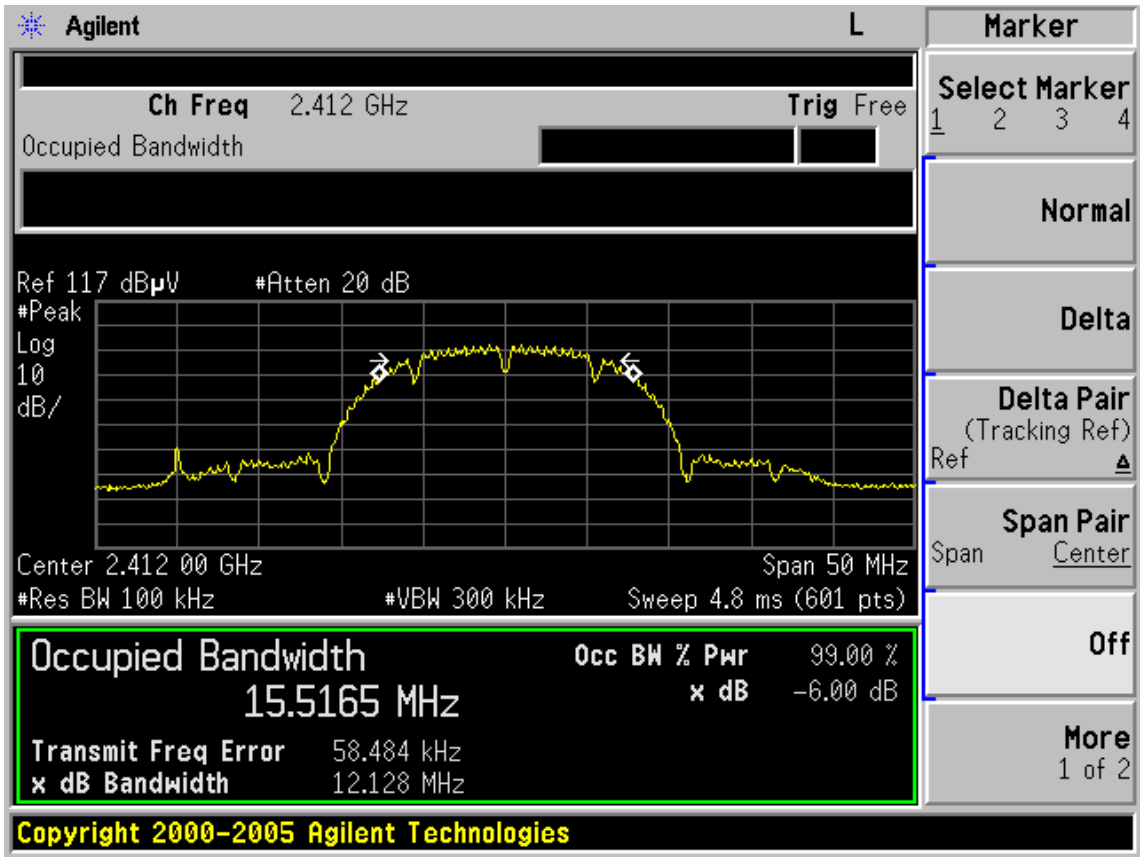
Test CH7: 2462MHz



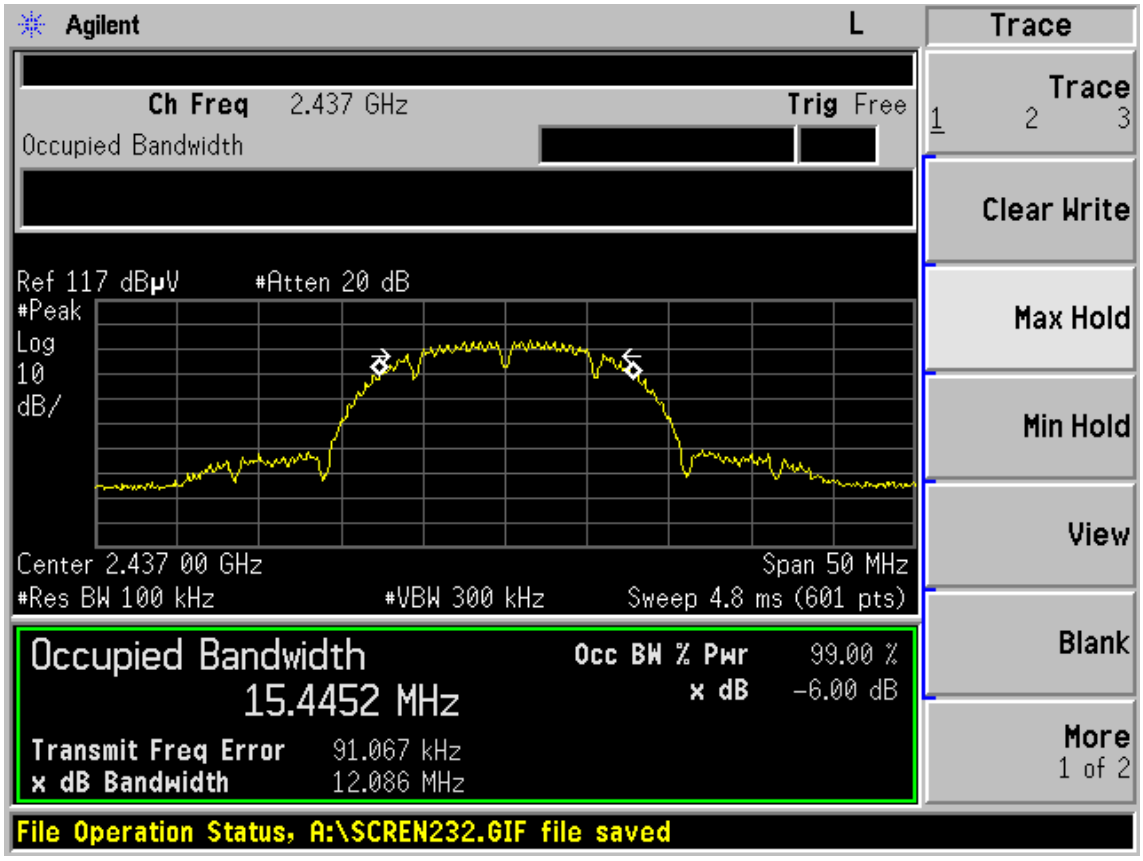
Vertical

Test Mode: IEEE 802.11b TX

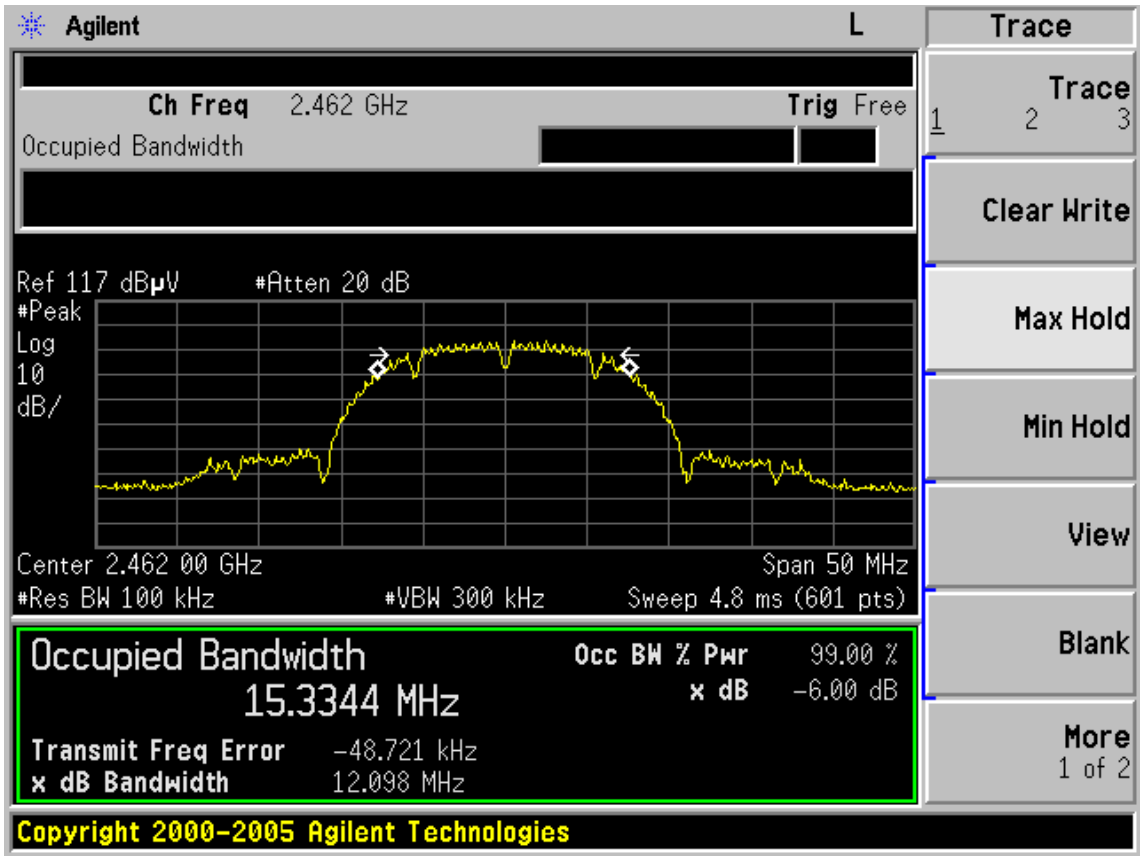
Test CH1: 2412MHz



Test CH6: 2437MHz

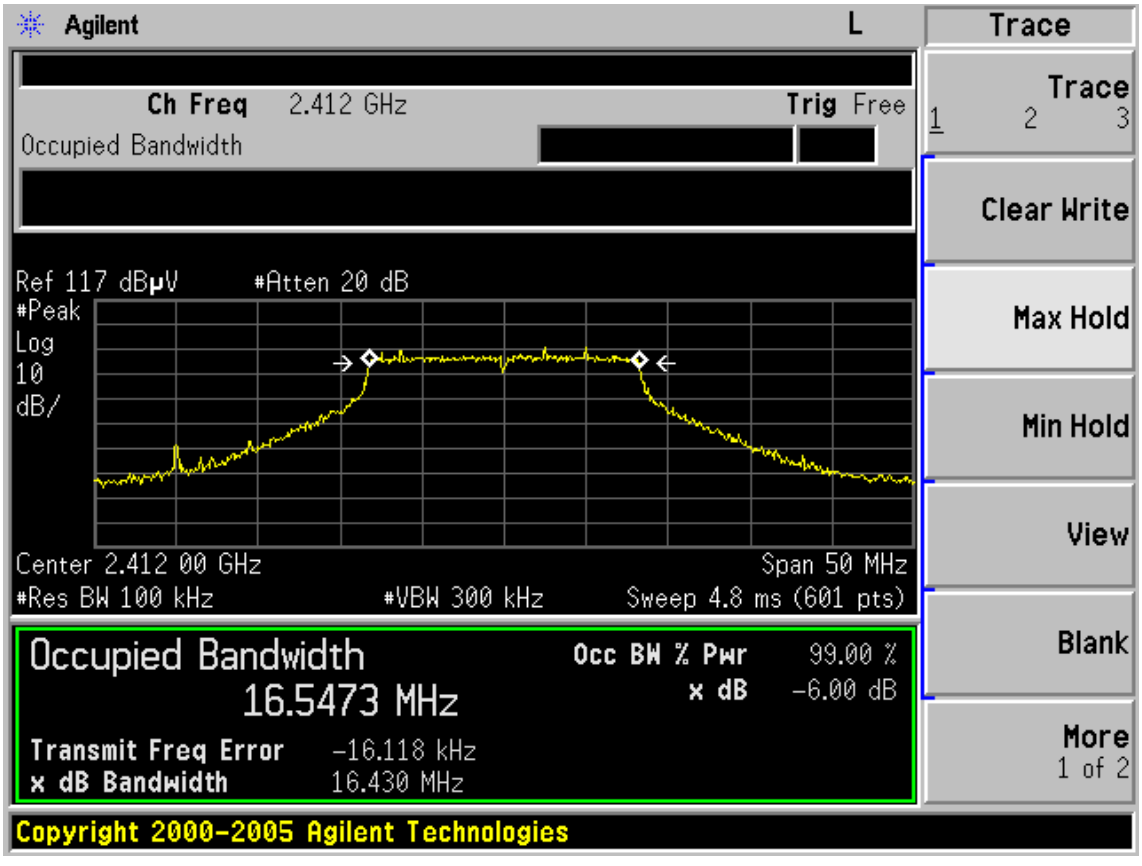


Test CH11: 2462MHz

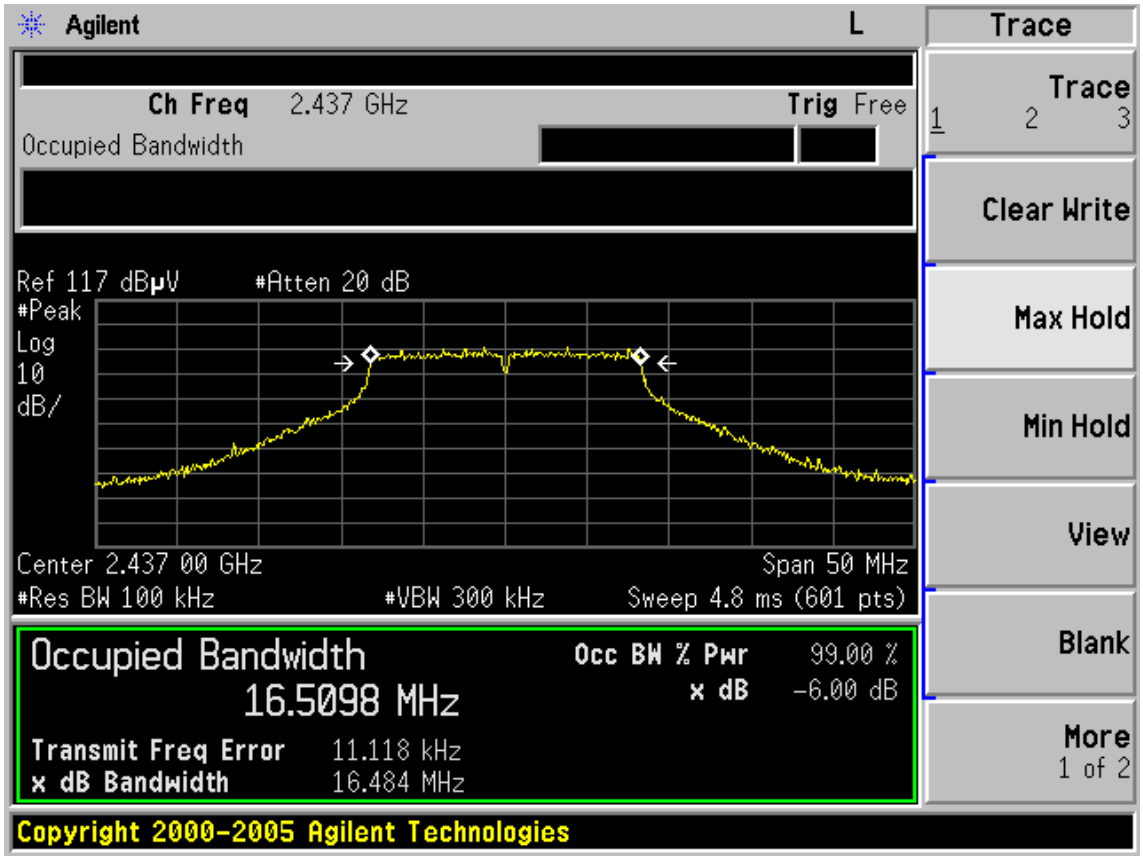


Test Mode: IEEE 802.11g TX

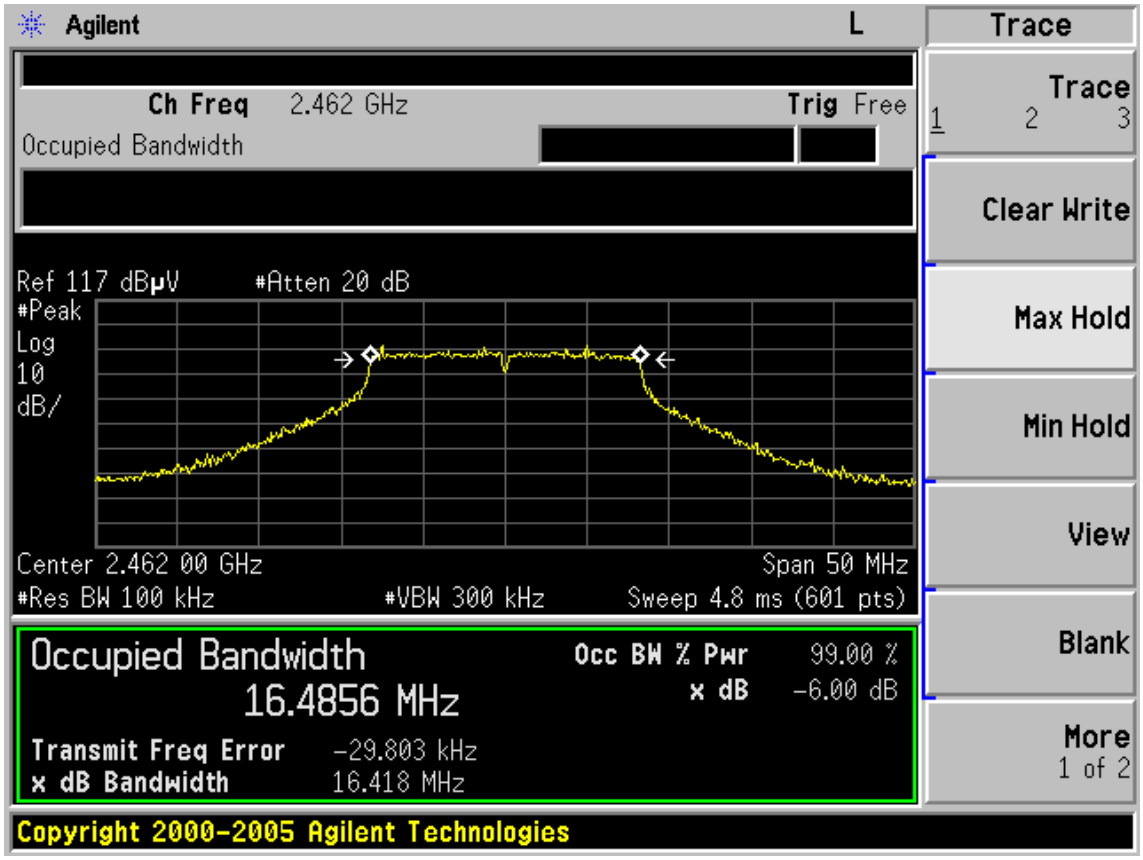
Test CH1: 2412MHz



Test CH4: 2437MHz



Test CH7: 2462MHz



8. OUTPUT POWER TEST

8.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	US44300459	May.08, 12	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 12	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 12	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 12	1 Year
5.	Power Meter	Anritsu	ML2487A	6K00002472	May.08, 12	1Year
6.	Power Sensor	Anritsu	MA2491A	033005	May.08, 12	1Year
7.	Spectrum Analyzer	Agilent	N9030A	MY5138022	May.08, 12	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 26dB attenuator.

2, For IEEE 802.11b/g and IEEE802.11n HT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB 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 Bandwidth correction method according to ANSI C63.10 clause 6.10.2.1 part (c) was used:

1) Set the RBW=3MHz and VBW =8MHz
2) Turn averaging off
3) Set sweep to automatic
4) Set the span just large enough to capture the emission
5) Use a peak detector on max hold
6) Record the measured power
7) Calculate Output power of EUT use the formula:

Peak output power =measured power+ 10log[(26dB bandwidth of emission)/(analyzer RBW)]

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

8.4.Test Results

EUT: 2.4GHz High Power Wireless Outdoor Access Point		
M/N: AELPLDR4U1		
Test date: 2013-02-20	Pressure: 100.6±1 kpa	Humidity: 60±3%
Testd by: Leo Li	Test site: RF Site	Temperature：26±0.6 ℃

Cable loss: 0.6 dB		Attenuator loss: 20 dB		
Antenna Gain	Vertical& Horizontal 12dBi		External 9dBi	
Antenna Type	Test Mode	CH	Peak output Power (dBm)	Limit(Note) (dBm)
Vertical	11b	CH1	25.30	28
		CH6	25.40	28
		CH11	23.80	28
	11g	CH1	25.37	28
		CH6	26.25	28
		CH11	24.02	28
Horizontal	11b	CH1	25.45	28
		CH6	24.72	28
		CH11	24.38	28
	11g	CH1	25.72	28
		CH6	25.90	28
		CH11	24.32	28
External	11b	CH1	24.27	29
		CH6	24.79	29
		CH11	23.58	29
	11g	CH1	25.81	29
		CH6	26.04	29
		CH11	25.16	29
Conclusion：PASS Note: For transmitter(P2P) employed antennas with directional gain greater than 6dBi, the maximum conducted output power should be reduced by 1dB for every 3dB that the directional gain of the antenna exceed 6dBi				

9. POWER SPECTRAL DENSITY TEST

9.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	US44300459	May.08, 12	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 12	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 12	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 12	1 Year
5.	Spectrum Analyzer	Agilent	N9030A	MY5138022	May.08, 12	1 Year

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.

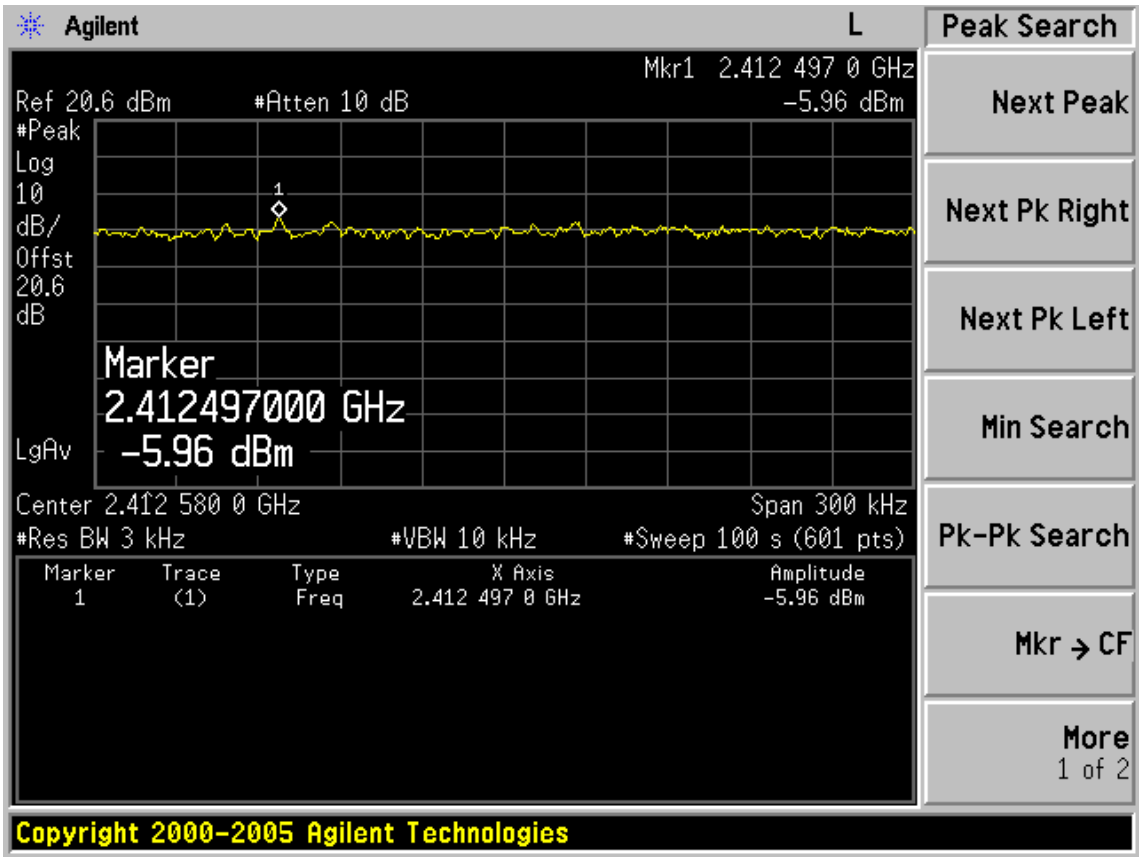
Note: The cable loss and attenuator loss were offset into measure device as an amplitude

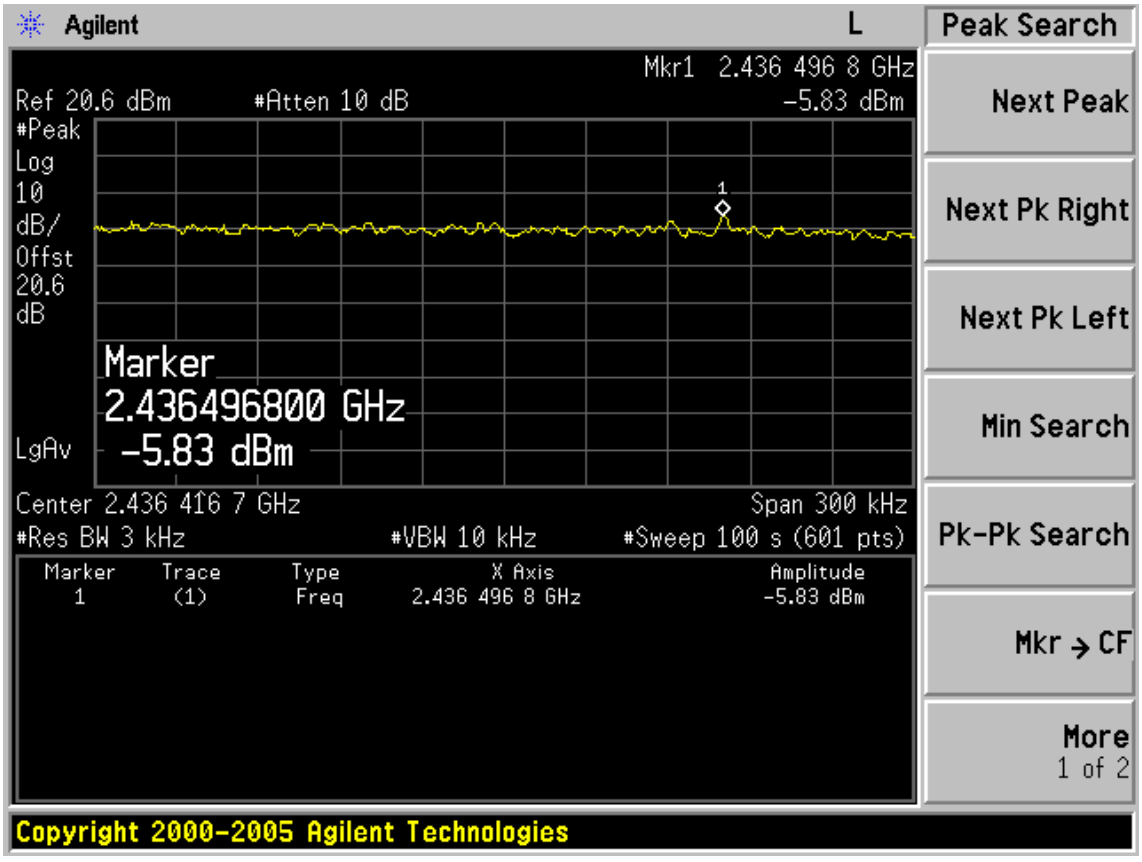
9.4.Test Results

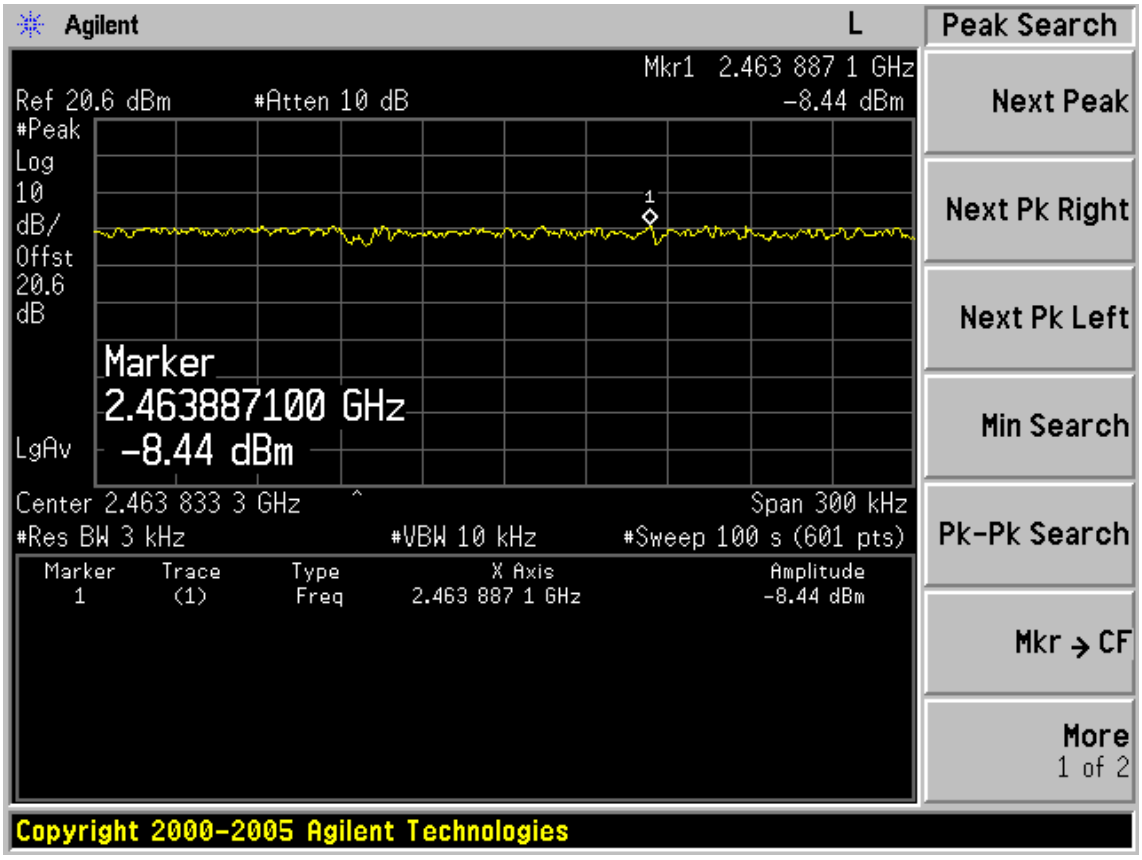
EUT: 2.4GHz High Power Wireless Outdoor Access Point		
M/N: AELPLDR4U1		
Test date: 2013-02-20	Pressure: 100.6±1 kpa	Humidity: 60±3%
Testd by: Leo li	Test site: RF Site	Temperature：26±0.6 ℃

Cable loss: 0.6 dB		Attenuator loss: 20 dB		
Antenna Gain	Vertical &Horizontal Antenna：12dBi External Antenna：9dBi			
Antenna Type	Test Mode	CH	Power density (dBm/3KHz)	Limit (dBm/3KHz)
Vertical	11b	CH1	-4.82	6
		CH6	-4.46	6
		CH11	-5.49	6
	11g	CH1	-6.94	6
		CH6	-6.61	6
		CH11	-9.38	6
Horizontal	11b	CH1	-5.07	6
		CH6	-6.77	6
		CH11	-7.00	6
	11g	CH1	-7.89	6
		CH6	-8.27	6
		CH11	-9.31	6
External	11b	CH1	-5.96	7
		CH6	-5.83	7
		CH11	-8.44	7
	11g	CH1	-7.54	7
		CH6	-8.30	7
		CH11	-7.39	7
Conclusion：PASS Note: For transmitter(P2P) employed antennas with directional gain greater than 6dBi, the maximum conducted output power should be reduced by 1dB for every 3dB that the directional gain of the antenna exceed 6dBi, also this method will be used to determine the power spectrum density.				

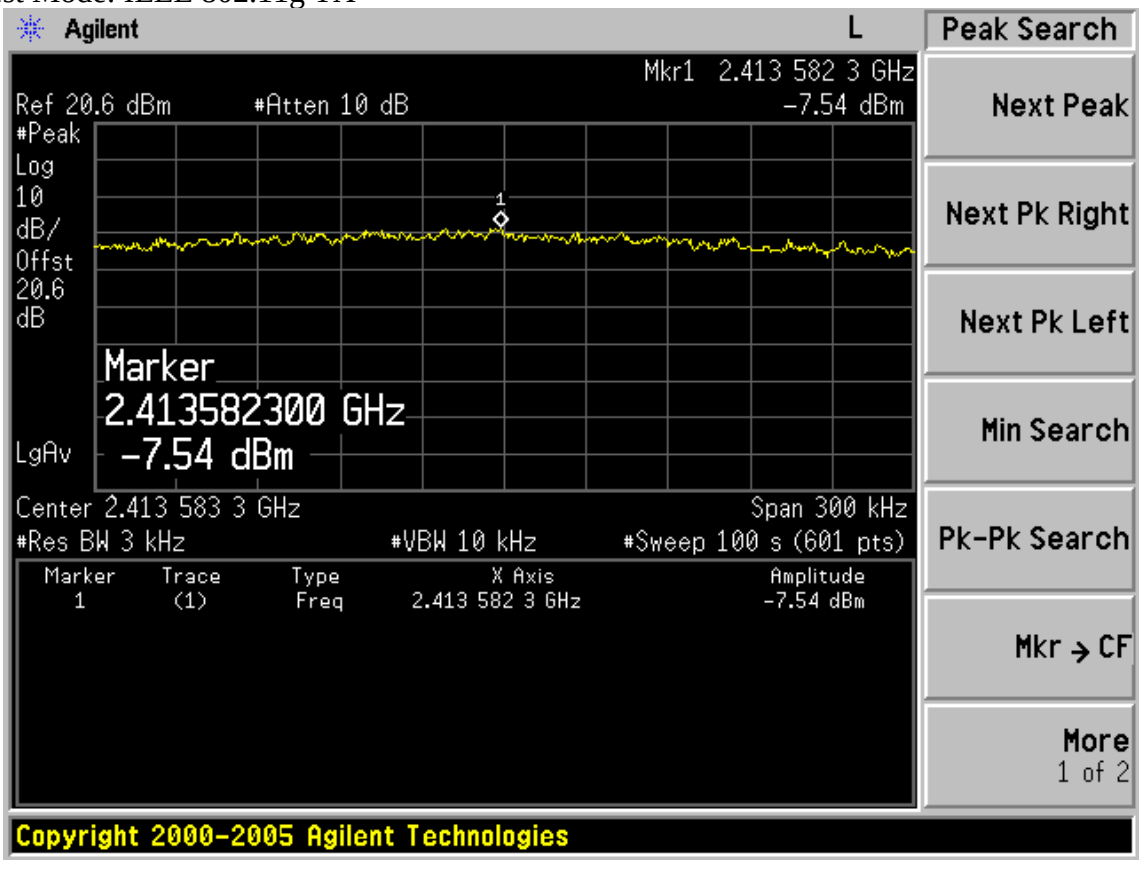
External
Test Mode: IEEE 802.11b TX

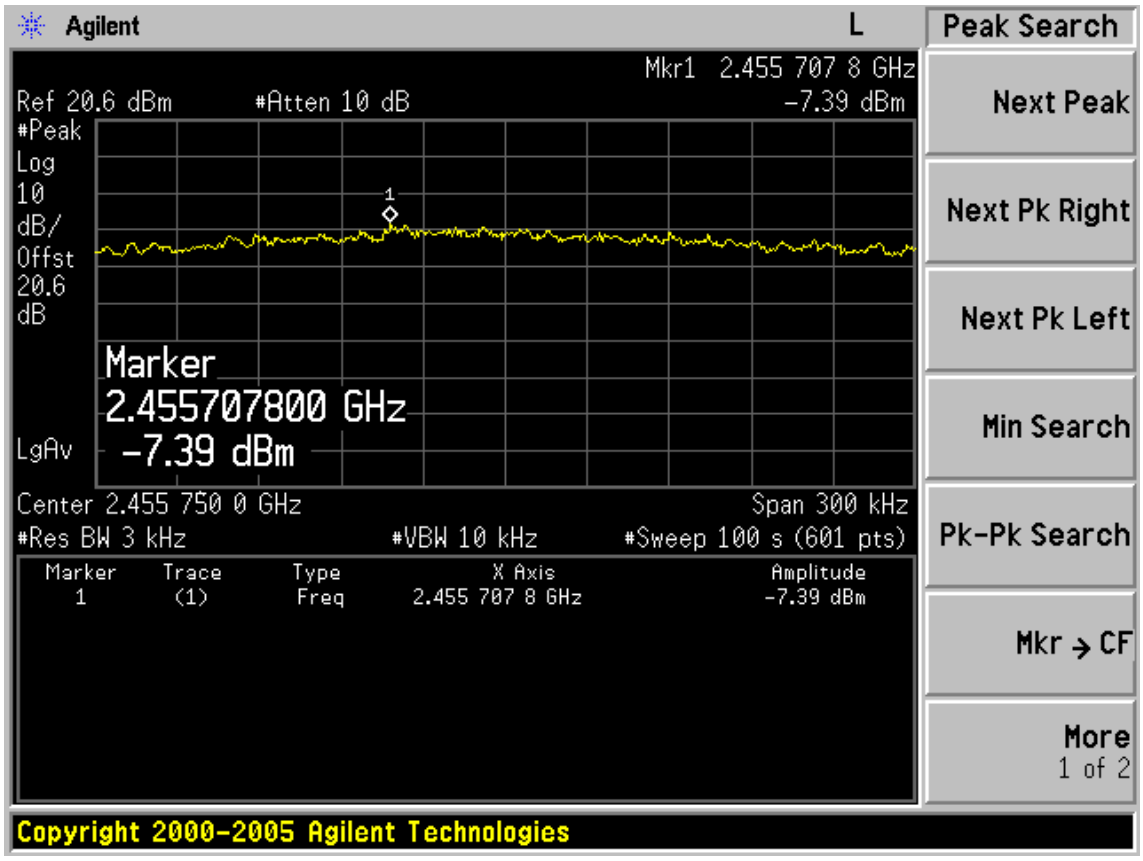


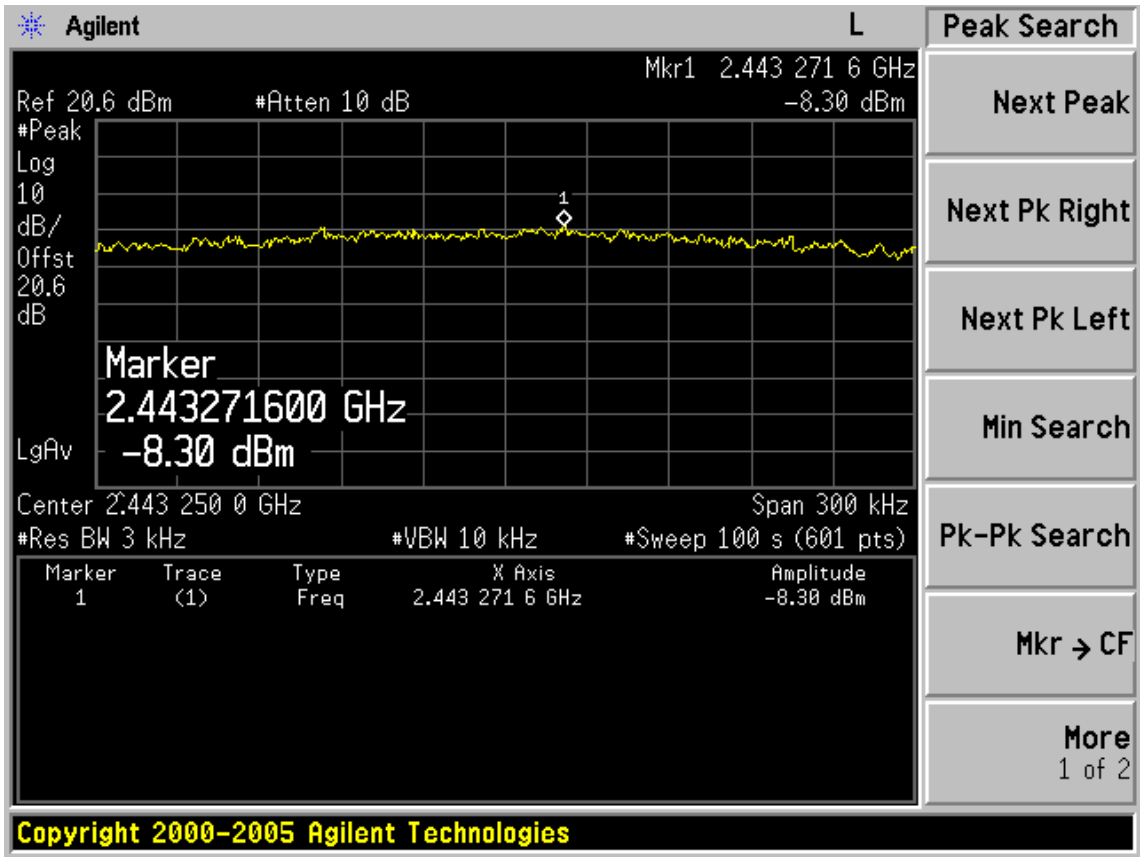




Test Mode: IEEE 802.11g TX

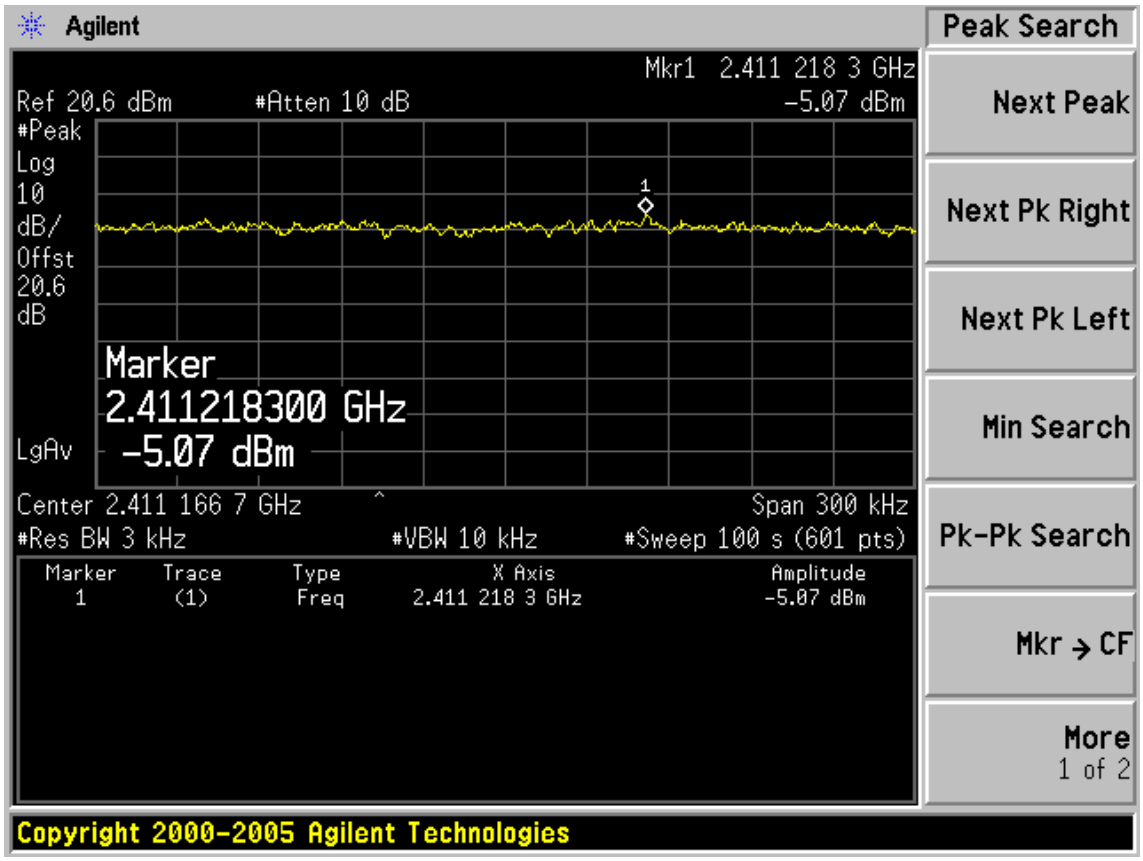


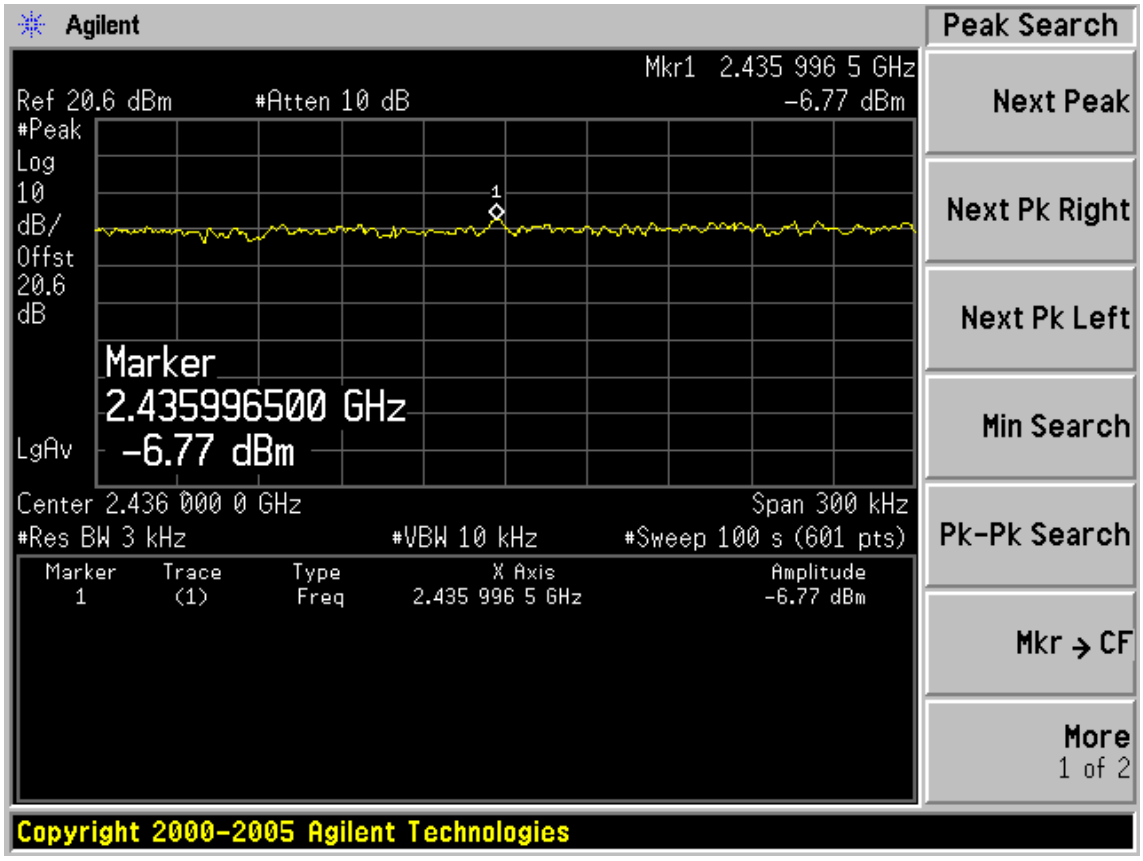

Agilent
L
Peak Search
Mkr1 2.455 707 8 GHz
Ref 20.6 dBm
#Atten 10 dB
-7.39 dBm
#Peak
Log
10
dB/
Offst
20.6
dB
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Marker
2.455707800 GHz
-7.39 dBm
LgAv
Center 2.455 750 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 707 8 GHz -7.39 dBm
Copyright 2000-2005 Agilent Technologies

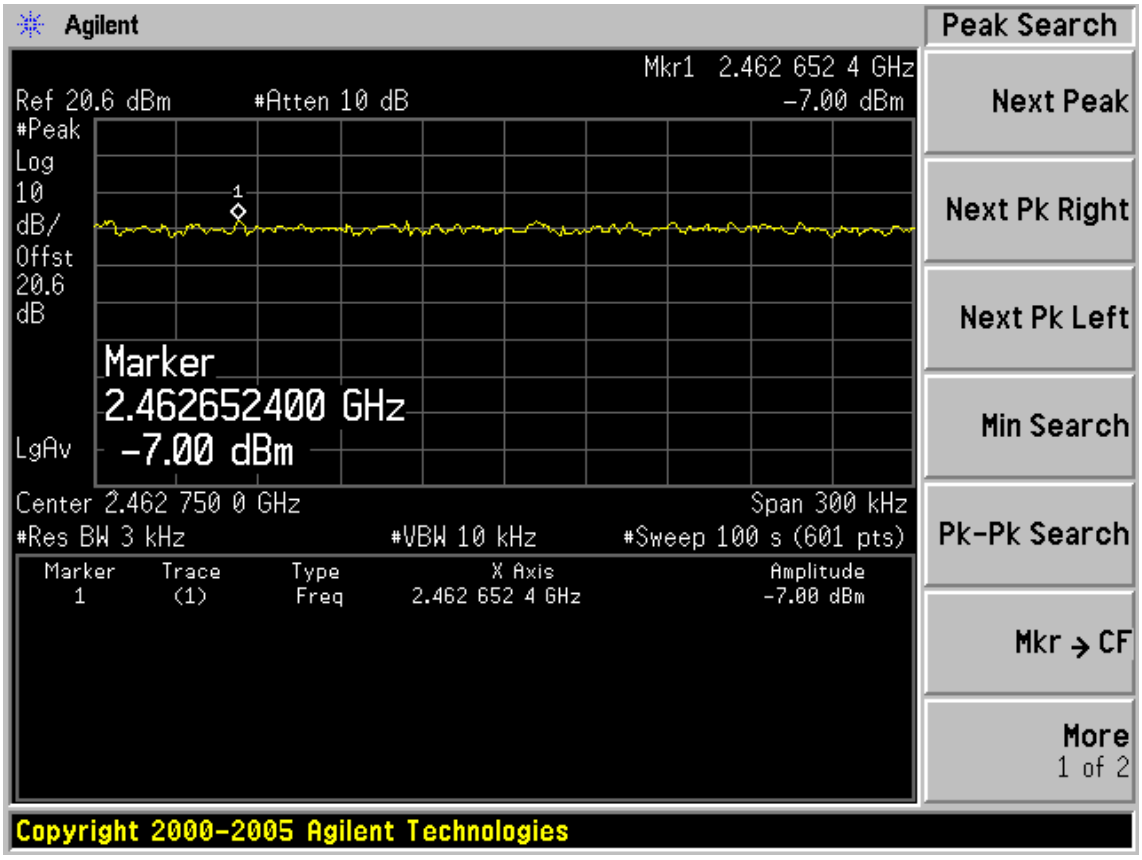

Agilent
L
Peak Search
Mkr1 2.443 271 6 GHz
Ref 20.6 dBm
#Atten 10 dB
-8.30 dBm
#Peak
Log
10
dB/
Offst
20.6
dB
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Marker
2.443271600 GHz
-8.30 dBm
LgAv
Center 2.443 250 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.443 271 6 GHz -8.30 dBm
Copyright 2000-2005 Agilent Technologies

Horizontal

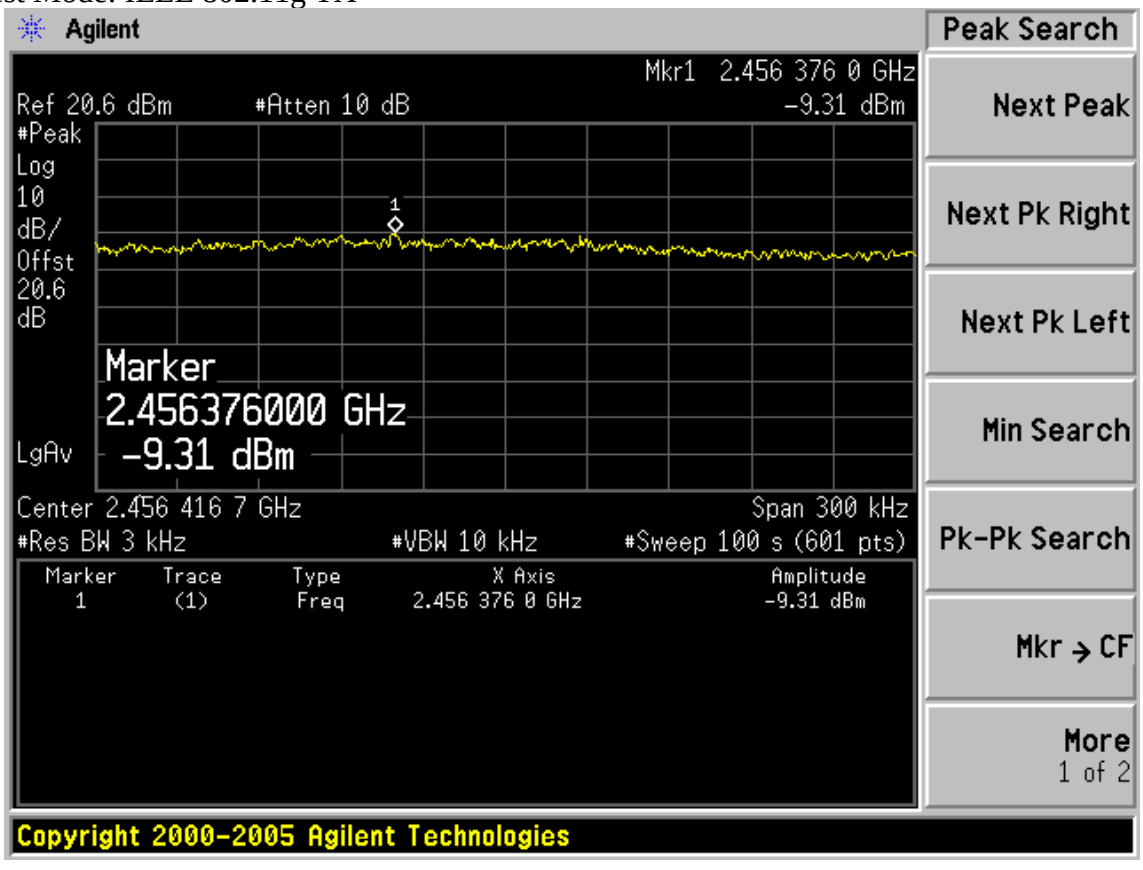
Test Mode: IEEE 802.11b TX

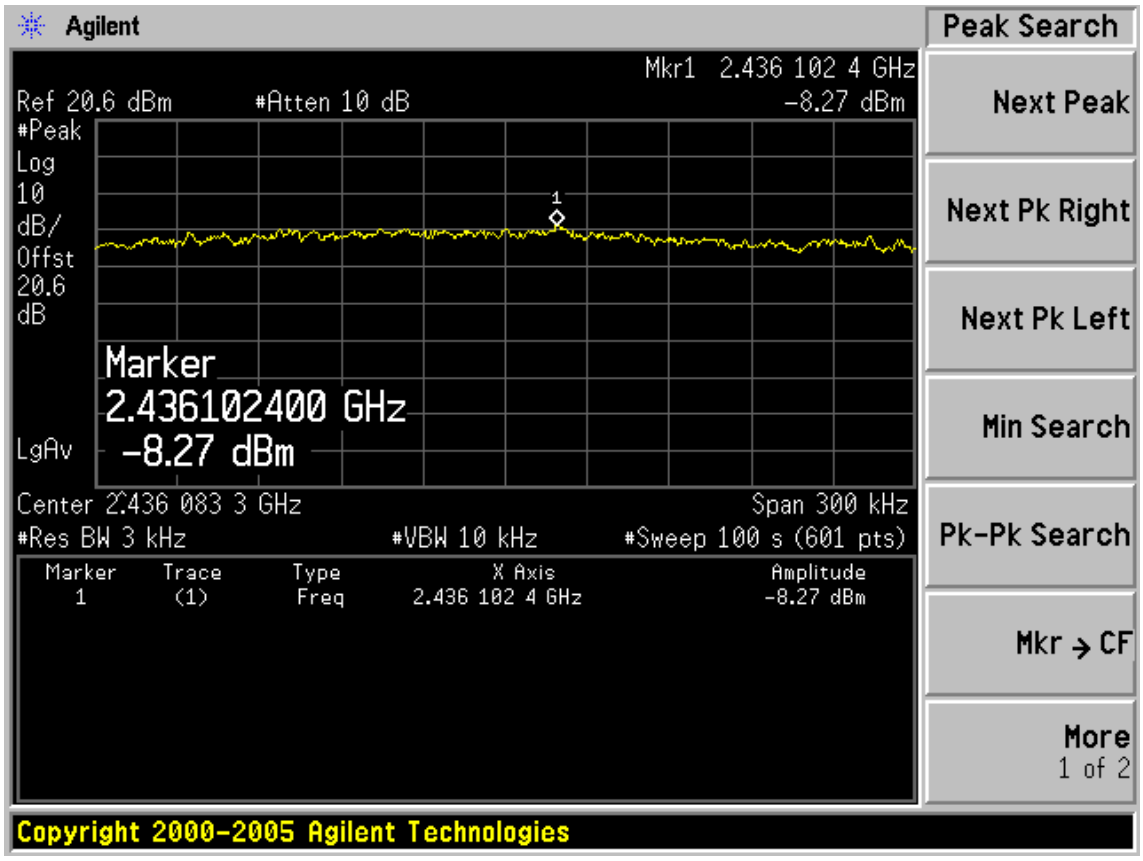


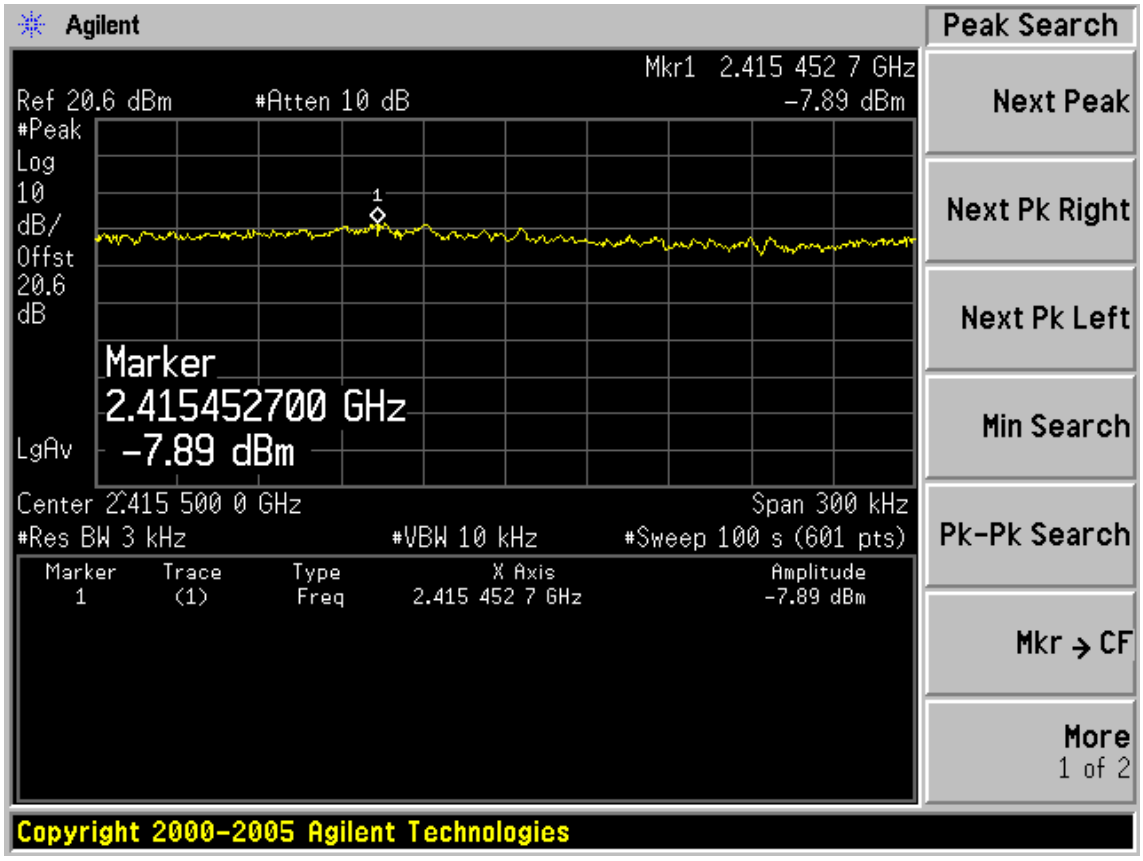




Test Mode: IEEE 802.11g TX

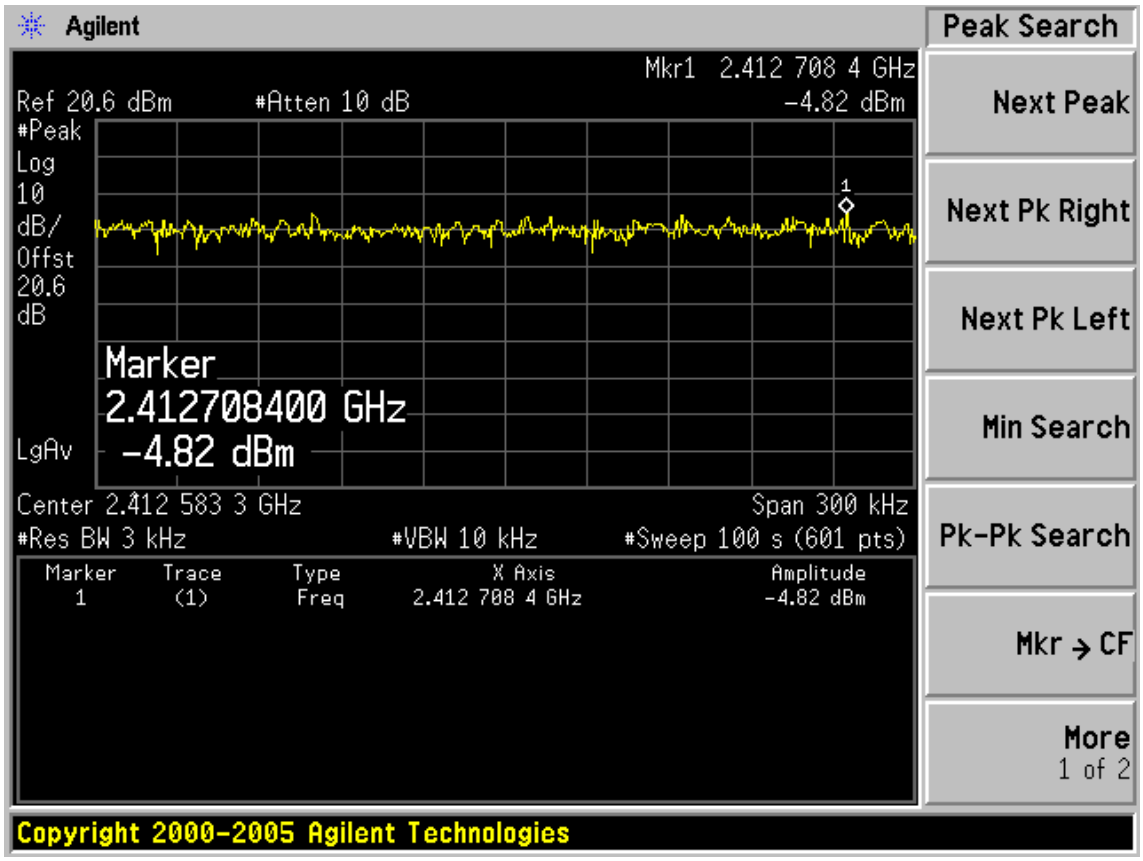


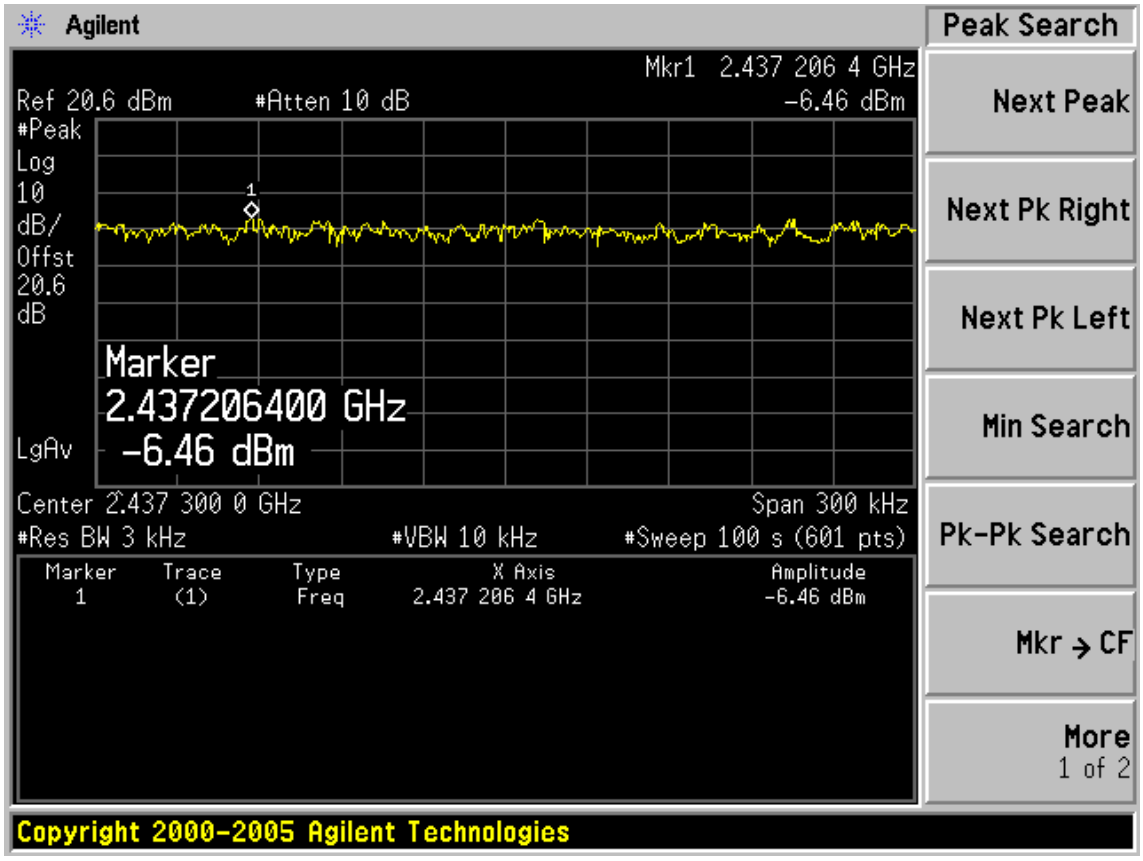

Agilent
Peak Search
Mkr1 2.436 102 4 GHz
Ref 20.6 dBm
#Atten 10 dB
-8.27 dBm
#Peak
Log
10
dB/
Offst
20.6
dB
Marker
2.436102400 GHz
-8.27 dBm
LgAv
Center 2.436 083 3 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.436 102 4 GHz -8.27 dBm
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

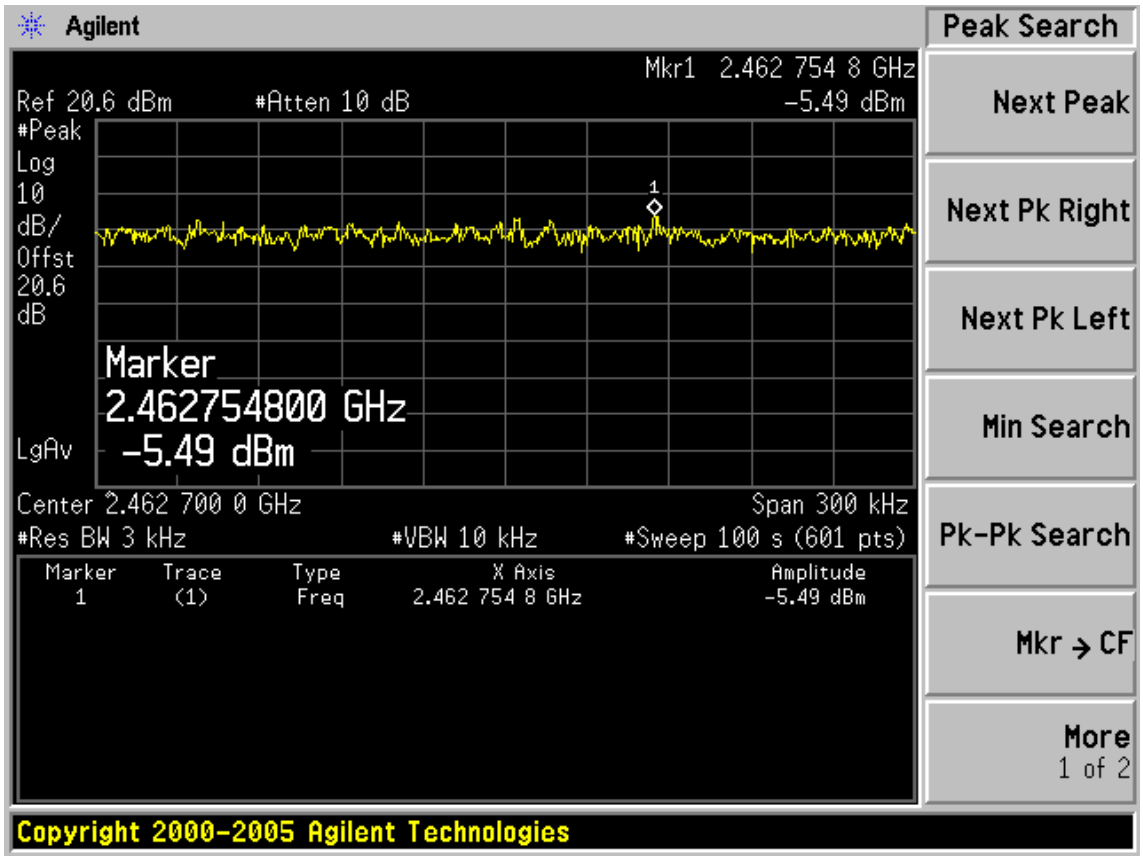

Agilent
Peak Search
Mkr1 2.415 452 7 GHz
Ref 20.6 dBm
#Atten 10 dB
-7.89 dBm
#Peak
Log
10
dB/
Offst
20.6
dB
Marker
2.415452700 GHz
-7.89 dBm
LgAv
Center 2.415 500 0 GHz
Span 300 kHz
#Res BW 3 kHz
#VBW 10 kHz
#Sweep 100 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.415 452 7 GHz -7.89 dBm
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

Vertical

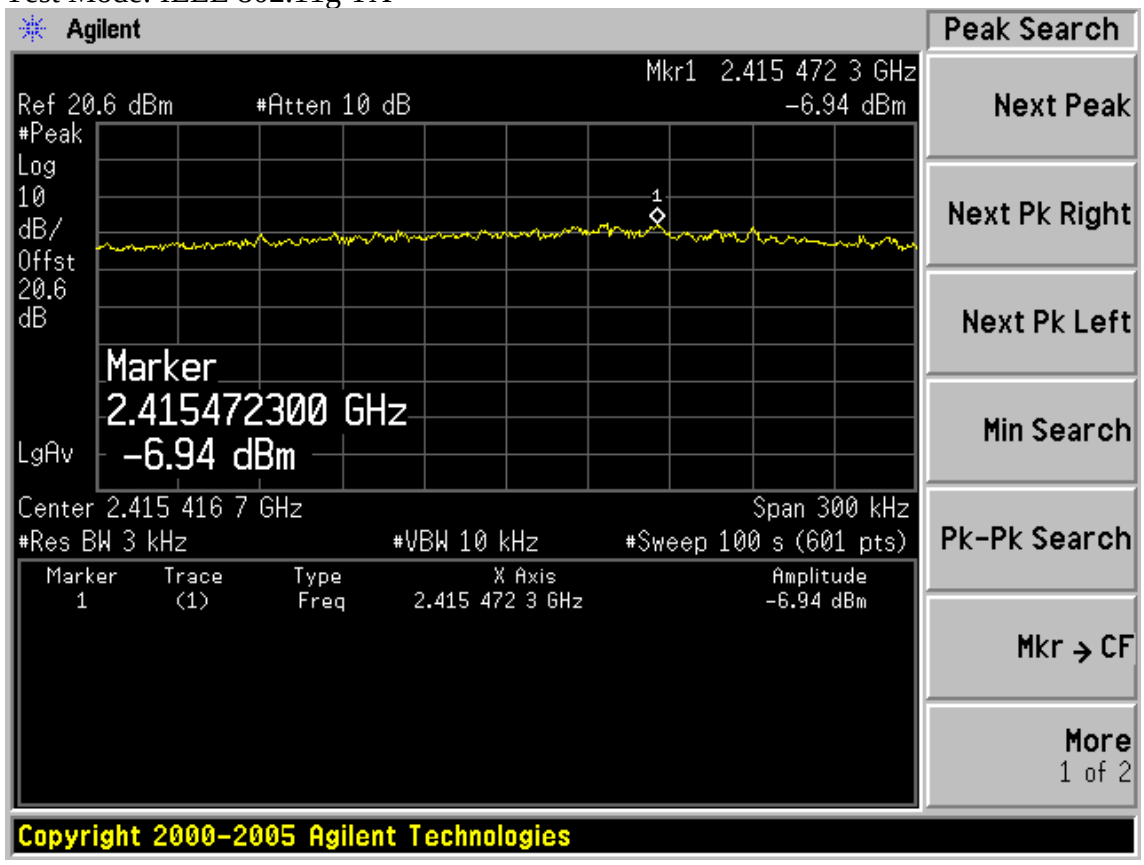
Test Mode: IEEE 802.11b TX

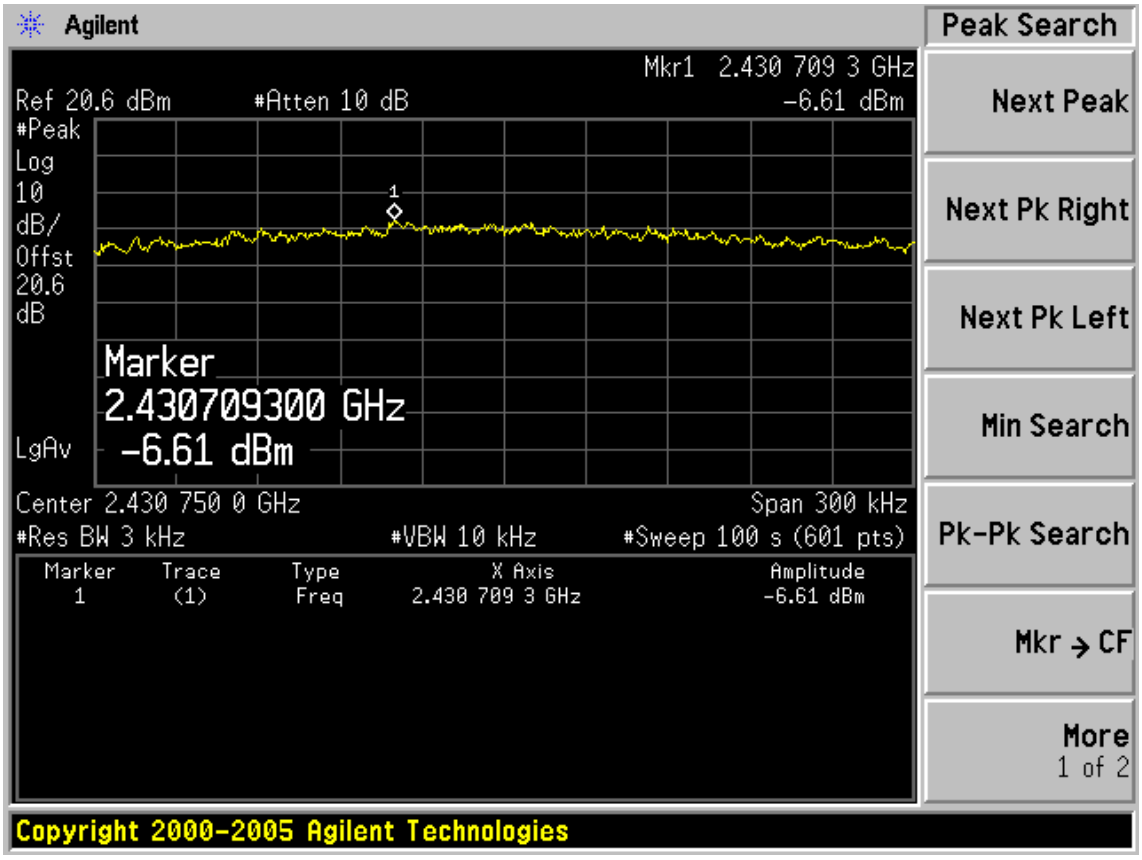


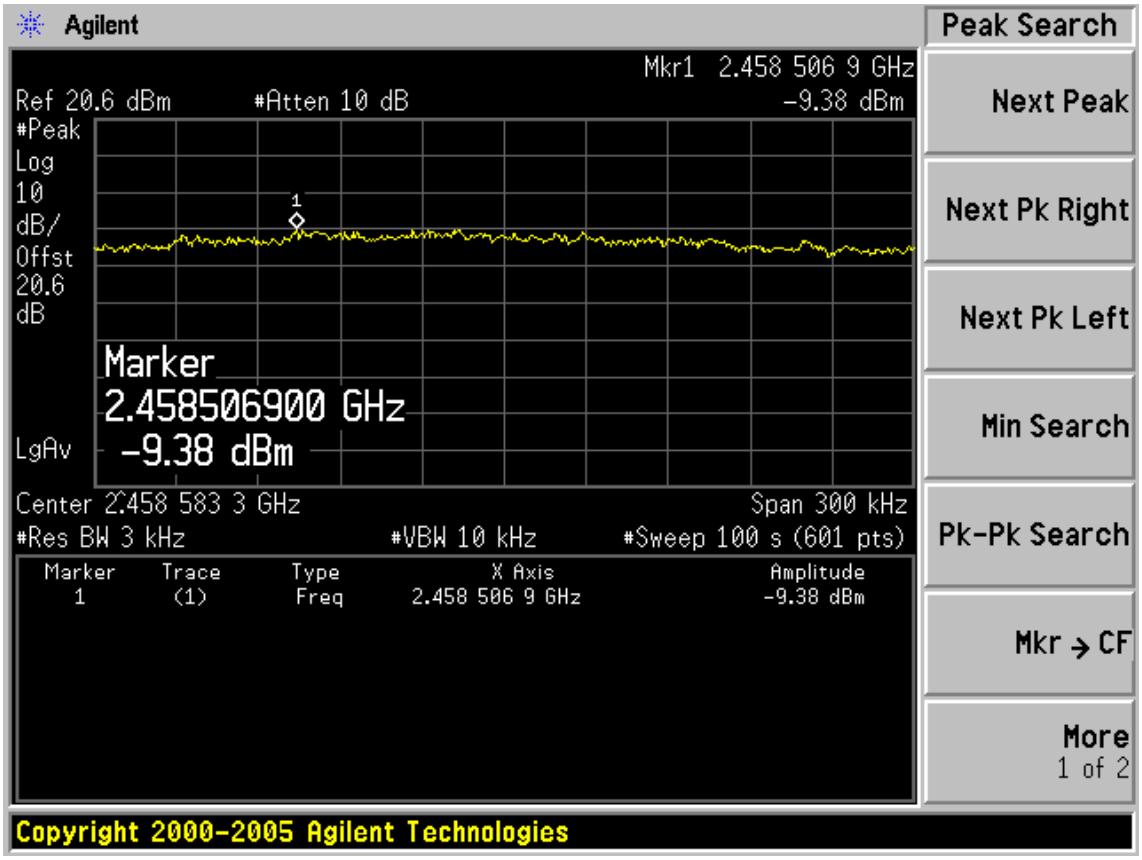




Test Mode: IEEE 802.11g TX




Agilent
Peak Search
Mkr1 2.430 709 3 GHz
Ref 20.6 dBm
#Atten 10 dB
-6.61 dBm
#Peak
Log
10
dB/
Offst
20.6
dB
Marker
2.430709300 GHz
-6.61 dBm
LgAv
Center 2.430 750 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 2.430 709 3 GHz -6.61 dBm
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.458 506 9 GHz
Ref 20.6 dBm
#Atten 10 dB
-9.38 dBm
#Peak
Log
10
dB/
Offst
20.6
dB
Marker
2.458506900 GHz
-9.38 dBm
LgAv
Center 2.458 583 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 2.458 506 9 GHz -9.38 dBm
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
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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 transmit antennas used for this product are external dipole antenna with SMA-B connector and internal integrated patch antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the external antenna is 9dBi, and the maximum peak gain of internal antenna is 12dBi.

11.MPE ESTIMATION

11.1.Limit for General Population/ Uncontrolled Exposures

Frequency	**Power density (mW/ cm^2)**	**Averaging time(minutes)**
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Frequency(MHz)	**Power density (mW/ cm^2)**	**Averaging time(minutes)**
2412	1	30
2437	1	30
2462	1	30

Note: F= Frequency in MHz

11.2.Estimation Method

Have the power(P),and the antenna Gain(G),then calculate the MPE with below formula:

MPE=(P*G)/4∏R2

Note:R=Estimation distance (R=20cm)

11.3. Estimation Result

EUT: 2.4GHz High Power Wireless Outdoor Access Point		
M/N: AELPLDR4U1		
Test date: 2013-02-20	Pressure: 100.6±1 kpa	Humidity: 60±3%
Testd by: Leo Li	Test site: RF Site	Temperature：26±0.6 ℃

Antenna Type	Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain (linear)	MPE
Vertical	11b	1	2412	25.30	338.84	12	15.85	0.4751
		6	2437	25.40	346.74	12	15.85	0.4861
		11	2462	23.80	239.88	12	15.85	0.3363
	11g	1	2412	25.37	344.35	12	15.85	0.4828
		6	2437	26.25	421.70	12	15.85	0.5912
		11	2462	24.02	252.35	12	15.85	0.3538
Horizontal	11b	1	2412	25.45	350.75	12	15.85	0.4918
		6	2437	24.72	296.48	12	15.85	0.4157
		11	2462	24.38	274.16	12	15.85	0.3844
	11g	1	2412	25.72	373.25	12	15.85	0.5233
		6	2437	25.90	389.05	12	15.85	0.5455
		11	2462	24.32	270.40	12	15.85	0.3791
External	11b	1	2412	24.27	267.30	9	7.94	0.1878
		6	2437	24.79	301.30	9	7.94	0.2117
		11	2462	23.58	228.03	9	7.94	0.1602
	11g	1	2412	25.81	381.07	9	7.94	0.2678
		6	2437	26.04	401.79	9	7.94	0.2823
		11	2462	24.27	267.30	9	7.94	0.1878

12.DEVIATION TO TEST SPECIFICATIONS

[NONE]