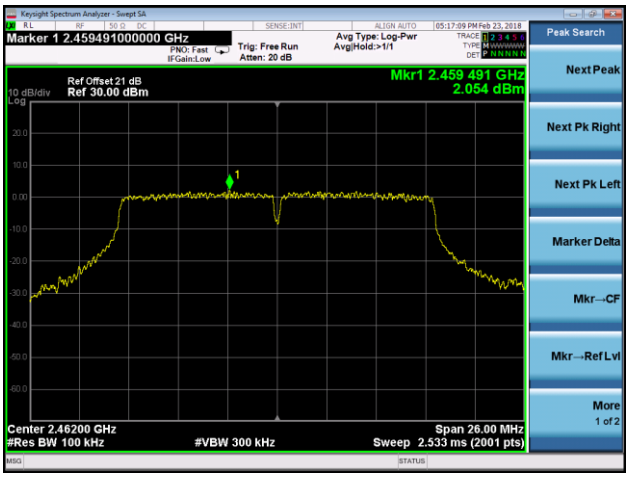
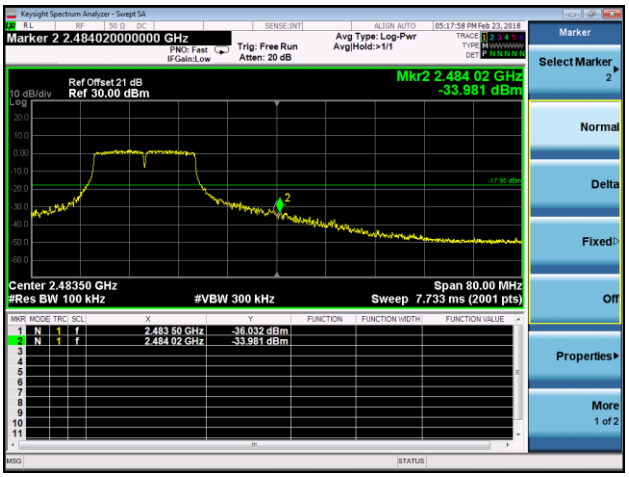
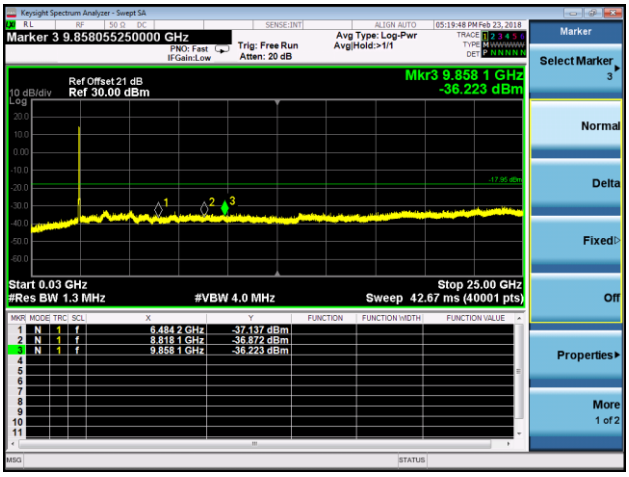
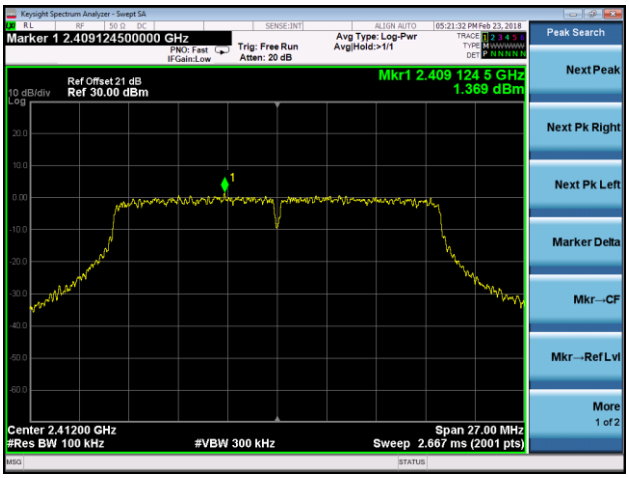
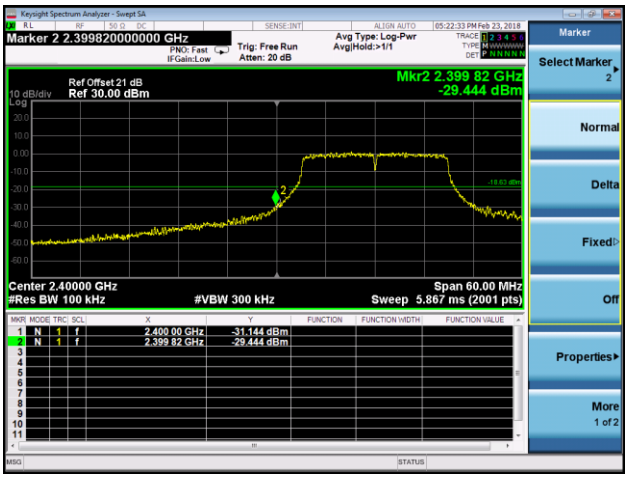
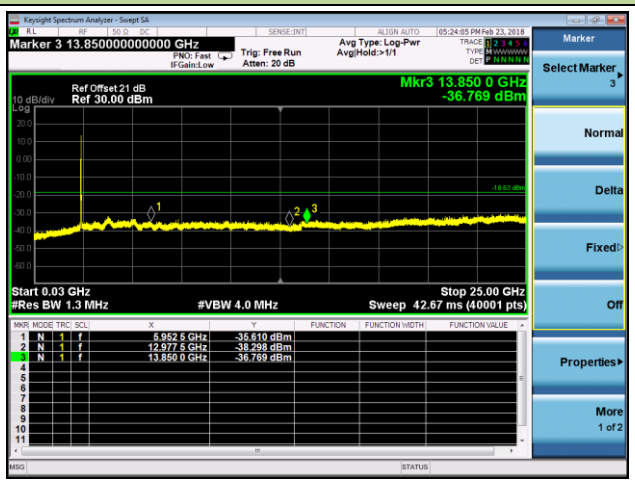
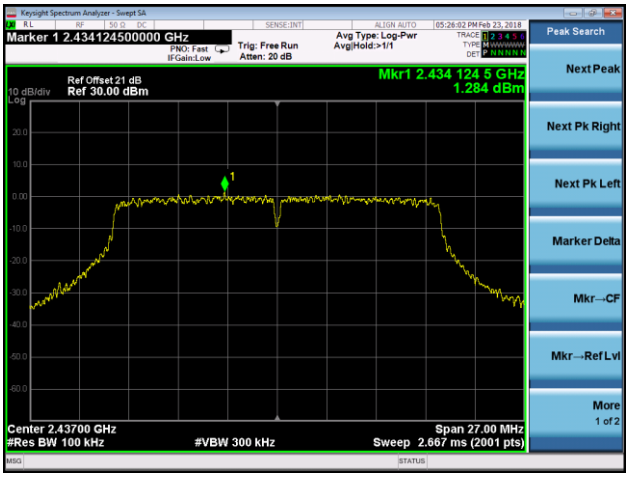
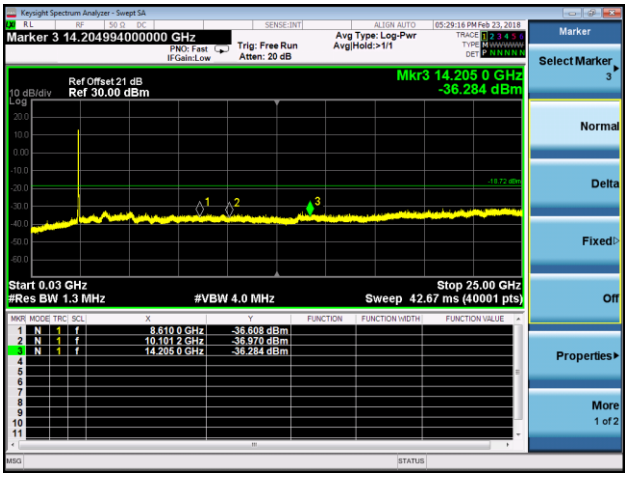
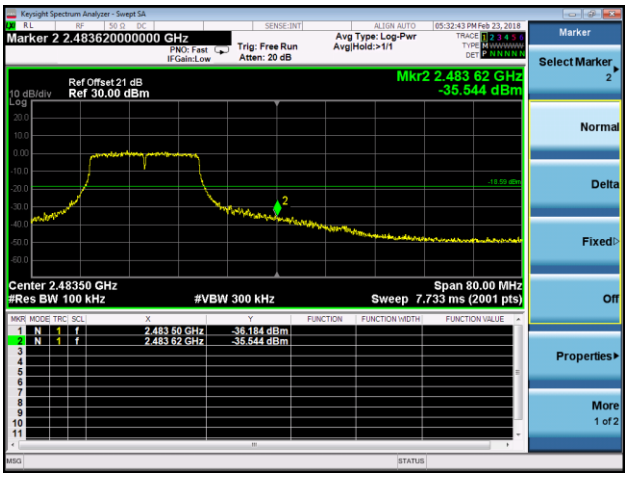
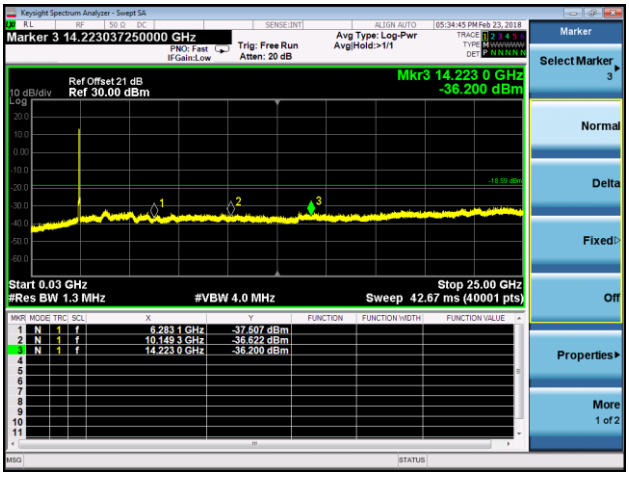
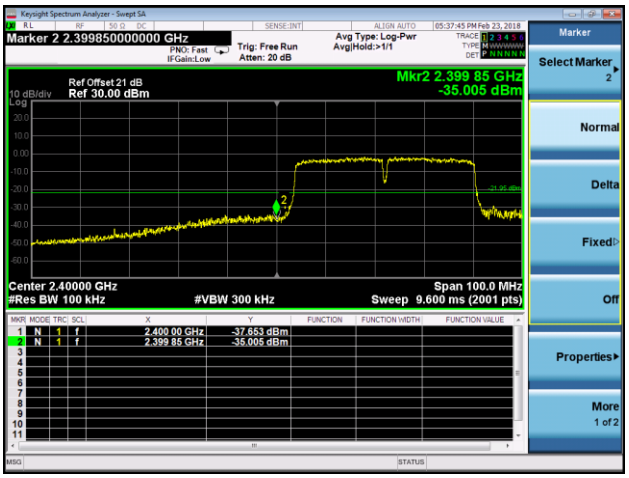
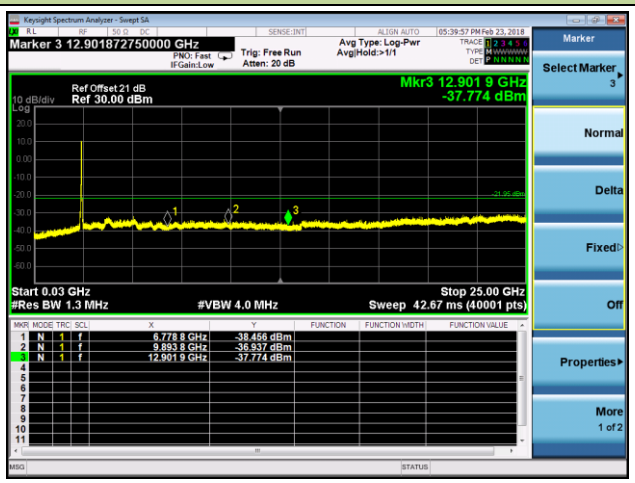
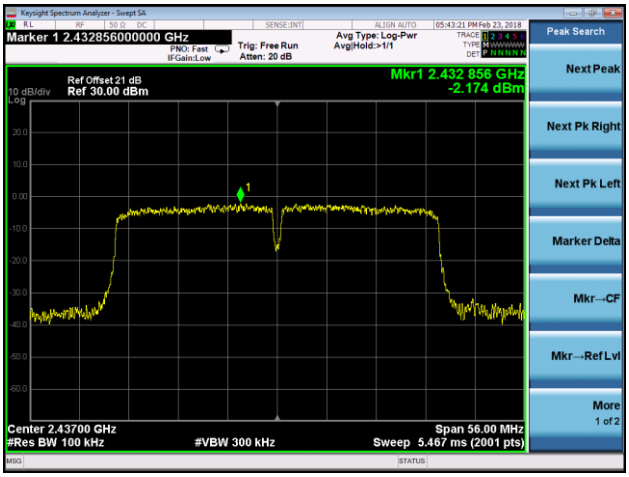
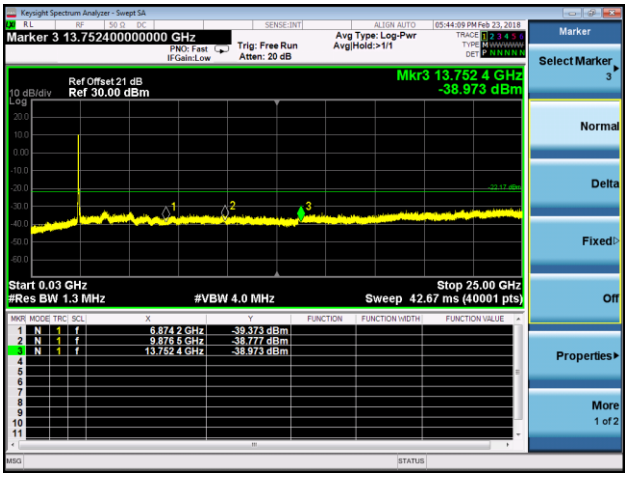
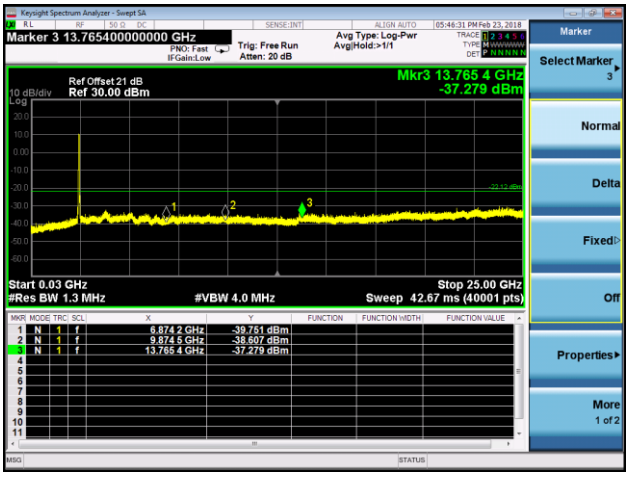
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT20 Out-of-Band Emissions	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT40 Out-of-Band Emissions	
Channel 03 (2422MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

7.6. Radiated Spurious Emission Measurement

7.6.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

7.6.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.6.3.Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple

6. Trace mode = max hold
7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

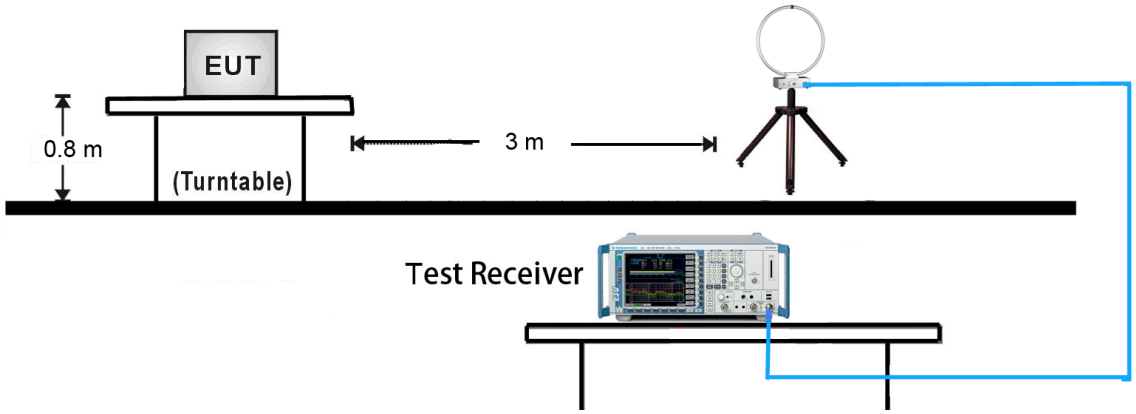
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

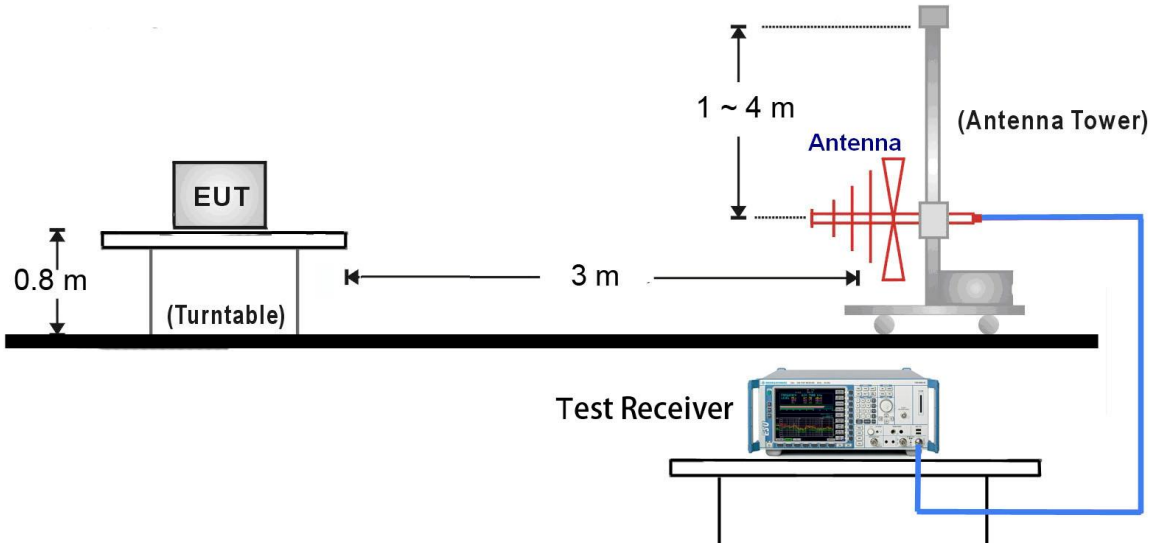
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.6.4.Test Setup

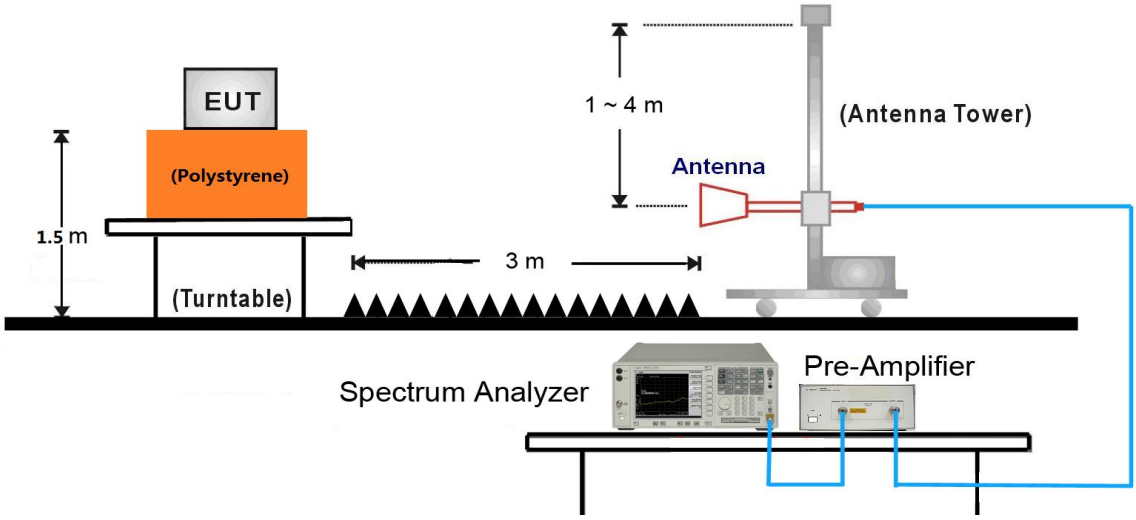
9kHz ~ 30MHz Test Setup:



30MHz ~ 1GHz Test Setup:



1GHz ~ 25GHz Test Setup:



7.6.5.Test Result

Test Mode:	802.11b	Test Site:	AC1
Test Channel:	01	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3482.0	36.6	1.1	37.7	80.5	-42.8	Peak	Horizontal
	4825.0	37.7	5.6	43.3	74.0	-30.7	Peak	Horizontal
*	7086.0	32.2	13.2	45.4	80.5	-35.1	Peak	Horizontal
	10919.5	30.6	20.0	50.6	74.0	-23.4	Peak	Horizontal
*	3584.0	37.5	1.6	39.1	80.5	-41.4	Peak	Vertical
	4825.0	41.4	5.6	47.0	74.0	-27.0	Peak	Vertical
*	9865.5	31.7	17.3	49.0	80.5	-31.5	Peak	Vertical
	11557.0	30.0	20.9	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (100.5dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b	Test Site:	AC1
Test Channel:	06	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3499.0	37.7	1.2	38.9	80.8	-41.9	Peak	Horizontal
	4876.0	36.0	5.6	41.6	74.0	-32.4	Peak	Horizontal
*	7987.0	32.5	14.8	47.3	80.8	-33.5	Peak	Horizontal
	11633.5	30.4	21.0	51.4	74.0	-22.6	Peak	Horizontal
*	3363.0	39.2	0.5	39.7	80.8	-41.1	Peak	Vertical
	4876.0	39.5	5.6	45.1	74.0	-28.9	Peak	Vertical
*	10188.5	32.7	18.0	50.7	80.8	-30.1	Peak	Vertical
	12126.5	30.7	20.5	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (100.8dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11b	Test Site:	AC1
Test Channel:	11	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	3550.0	36.4	1.5	37.9	82.0	-44.1	Peak	Horizontal
	4927.0	35.8	5.7	41.5	74.0	-32.5	Peak	Horizontal
*	7043.5	32.6	12.9	45.5	82.0	-36.5	Peak	Horizontal
	11540.0	30.3	20.9	51.2	74.0	-22.8	Peak	Horizontal
*	3363.0	38.3	0.5	38.8	82.0	-43.2	Peak	Vertical
	4927.0	39.8	5.7	45.5	74.0	-28.5	Peak	Vertical
*	7043.5	31.8	12.9	44.7	82.0	-37.3	Peak	Vertical
	10817.5	31.1	19.8	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (102.0dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g	Test Site:	AC1
Test Channel:	01	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5947.0	33.5	8.1	41.6	81.3	-39.7	Peak	Horizontal
	7451.5	32.9	14.3	47.2	74.0	-26.8	Peak	Horizontal
*	9627.5	32.1	16.2	48.3	81.3	-33.0	Peak	Horizontal
	11999.0	31.8	20.5	52.3	74.0	-21.7	Peak	Horizontal
*	3363.0	37.5	0.5	38.0	81.3	-43.3	Peak	Vertical
	4825.0	36.7	5.6	42.3	74.0	-31.7	Peak	Vertical
*	6814.0	33.6	11.0	44.6	81.3	-36.7	Peak	Vertical
	11089.5	30.5	20.1	50.6	74.0	-23.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (101.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g	Test Site:	AC1
Test Channel:	06	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6414.5	34.1	9.6	43.7	81.3	-37.6	Peak	Horizontal
	8148.5	32.9	14.5	47.4	74.0	-26.6	Peak	Horizontal
*	10035.5	32.7	17.7	50.4	81.3	-30.9	Peak	Horizontal
	11540.0	30.9	20.9	51.8	74.0	-22.2	Peak	Horizontal
*	3490.5	37.3	1.2	38.5	81.3	-42.8	Peak	Vertical
	4867.5	36.6	5.6	42.2	74.0	-31.8	Peak	Vertical
*	7094.5	32.5	13.4	45.9	81.3	-35.4	Peak	Vertical
	11523.0	30.5	20.7	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (101.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11g	Test Site:	AC1
Test Channel:	11	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6253.0	34.5	9.0	43.5	81.3	-37.8	Peak	Horizontal
	7630.0	32.3	14.2	46.5	74.0	-27.5	Peak	Horizontal
*	9661.5	32.9	16.5	49.4	81.3	-31.9	Peak	Horizontal
	11633.5	30.4	21.0	51.4	74.0	-22.6	Peak	Horizontal
*	5522.0	35.8	6.5	42.3	81.3	-39.0	Peak	Vertical
	7485.5	32.5	14.0	46.5	74.0	-27.5	Peak	Vertical
*	9780.5	32.3	16.9	49.2	81.3	-32.1	Peak	Vertical
	11608.0	30.0	20.7	50.7	74.0	-23.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (101.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	01	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6049.0	33.8	8.2	42.0	80.7	-38.7	Peak	Horizontal
	7570.5	31.1	14.0	45.1	74.0	-28.9	Peak	Horizontal
*	9627.5	32.7	16.2	48.9	80.7	-31.8	Peak	Horizontal
	11982.0	31.7	20.4	52.1	74.0	-21.9	Peak	Horizontal
*	3473.5	37.0	1.1	38.1	80.7	-42.6	Peak	Vertical
	4825.0	36.7	5.6	42.3	74.0	-31.7	Peak	Vertical
*	6567.5	34.3	10.7	45.0	80.7	-35.7	Peak	Vertical
	9092.0	31.5	15.1	46.6	74.0	-27.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.7dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	06	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5853.5	34.1	7.9	42.0	80.2	-38.2	Peak	Horizontal
	7290.0	33.2	13.9	47.1	74.0	-26.9	Peak	Horizontal
*	9551.0	32.5	16.1	48.6	80.2	-31.6	Peak	Horizontal
	11591.0	30.6	20.7	51.3	74.0	-22.7	Peak	Horizontal
*	3584.0	37.4	1.6	39.0	80.2	-41.2	Peak	Vertical
	4876.0	35.5	5.6	41.1	74.0	-32.9	Peak	Vertical
*	6525.0	32.5	10.5	43.0	80.2	-37.2	Peak	Vertical
	10690.0	31.2	19.2	50.4	74.0	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.2dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	11	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5556.0	35.0	6.8	41.8	80.4	-38.6	Peak	Horizontal
	7519.5	33.3	14.4	47.7	74.0	-26.3	Peak	Horizontal
*	9610.5	32.5	16.2	48.7	80.4	-31.7	Peak	Horizontal
	11574.0	30.9	20.8	51.7	74.0	-22.3	Peak	Horizontal
*	6032.0	34.3	8.2	42.5	80.4	-37.9	Peak	Vertical
	7273.0	32.8	14.0	46.8	74.0	-27.2	Peak	Vertical
*	9789.0	32.0	16.9	48.9	80.4	-31.5	Peak	Vertical
	11625.0	30.2	20.9	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (100.4dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	03	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6372.0	35.2	9.3	44.5	78.6	-34.1	Peak	Horizontal
	8378.0	32.3	13.8	46.1	74.0	-27.9	Peak	Horizontal
*	10137.5	32.7	17.9	50.6	78.6	-28.0	Peak	Horizontal
	11642.0	30.4	21.0	51.4	74.0	-22.6	Peak	Horizontal
*	5573.0	35.9	6.8	42.7	78.6	-35.9	Peak	Vertical
	7290.0	32.7	13.9	46.6	74.0	-27.4	Peak	Vertical
*	8658.5	33.1	14.4	47.5	78.6	-31.1	Peak	Vertical
	11625.0	30.8	20.9	51.7	74.0	-22.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (98.6dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	06	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6457.0	33.9	10.0	43.9	77.1	-33.2	Peak	Horizontal
	8140.0	32.5	14.5	47.0	74.0	-27.0	Peak	Horizontal
*	9755.0	32.1	16.9	49.0	77.1	-28.1	Peak	Horizontal
	11582.5	30.6	20.7	51.3	74.0	-22.7	Peak	Horizontal
*	6542.0	33.5	10.6	44.1	77.1	-33.0	Peak	Vertical
	7570.5	30.8	14.0	44.8	74.0	-29.2	Peak	Vertical
*	9831.5	31.9	17.2	49.1	77.1	-28.0	Peak	Vertical
	11540.0	30.4	20.9	51.3	74.0	-22.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (97.1dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	09	Test Engineer:	Dandy Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	5853.5	33.6	7.9	41.5	77.3	-35.8	Peak	Horizontal
	8038.0	33.5	14.9	48.4	74.0	-25.6	Peak	Horizontal
*	10018.5	31.5	17.7	49.2	77.3	-28.1	Peak	Horizontal
	11565.5	31.0	20.8	51.8	74.0	-22.2	Peak	Horizontal
*	3558.5	37.7	1.5	39.2	77.3	-38.1	Peak	Vertical
	4672.0	36.7	5.4	42.1	74.0	-31.9	Peak	Vertical
*	6644.0	34.5	10.7	45.2	77.3	-32.1	Peak	Vertical
	10936.5	30.7	20.0	50.7	74.0	-23.3	Peak	Vertical

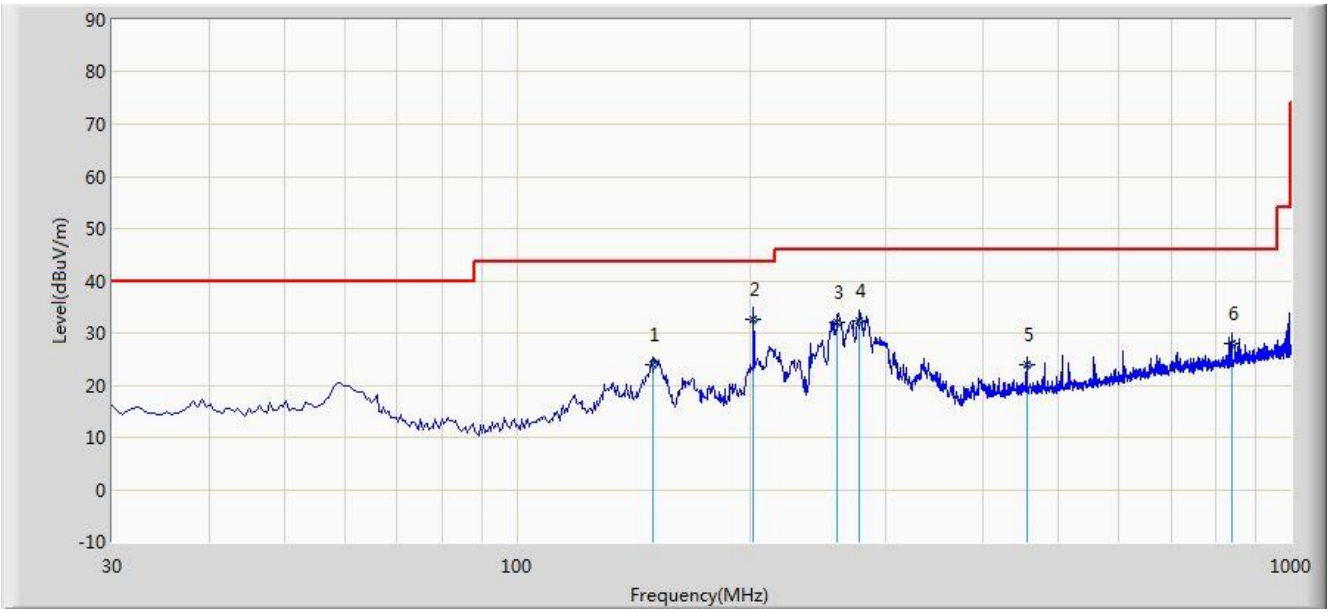
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (97.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/02/25 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Worst Case Mode: Transmit at Channel 2412MHz by 802.11b	



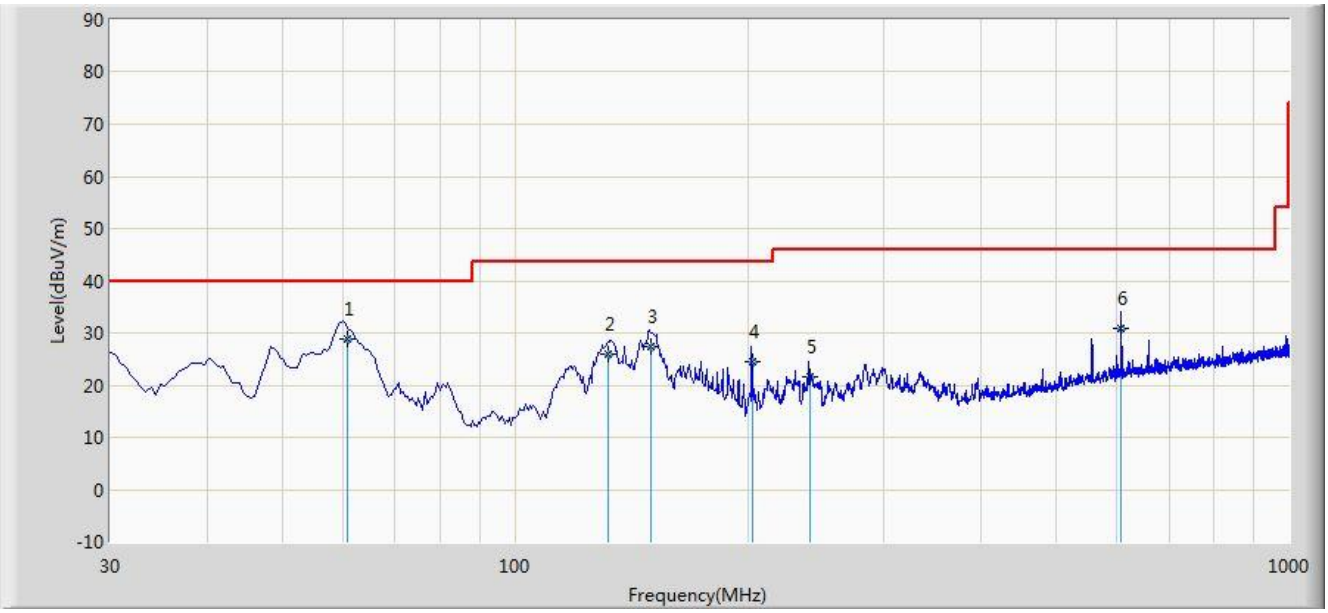
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			149.802	24.015	8.772	-19.485	43.500	15.243	QP
2		*	201.936	32.572	21.334	-10.928	43.500	11.238	QP
3			259.067	31.899	18.672	-14.101	46.000	13.227	QP
4			276.383	32.463	18.662	-13.537	46.000	13.801	QP
5			455.621	23.996	6.004	-22.004	46.000	17.992	QP
6			840.260	28.089	4.412	-17.911	46.000	23.677	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC1	Time: 2018/02/25 - 11:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Worst Case Mode: Transmit at Channel 2412MHz by 802.11b	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	60.693	28.903	15.592	-11.097	40.000	13.311	QP
2			131.786	25.972	12.004	-17.528	43.500	13.968	QP
3			150.087	27.523	12.267	-15.977	43.500	15.256	QP
4			202.526	24.571	13.324	-18.929	43.500	11.246	QP
5			240.863	21.706	8.824	-24.294	46.000	12.882	QP
6			607.774	30.932	10.192	-15.068	46.000	20.740	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

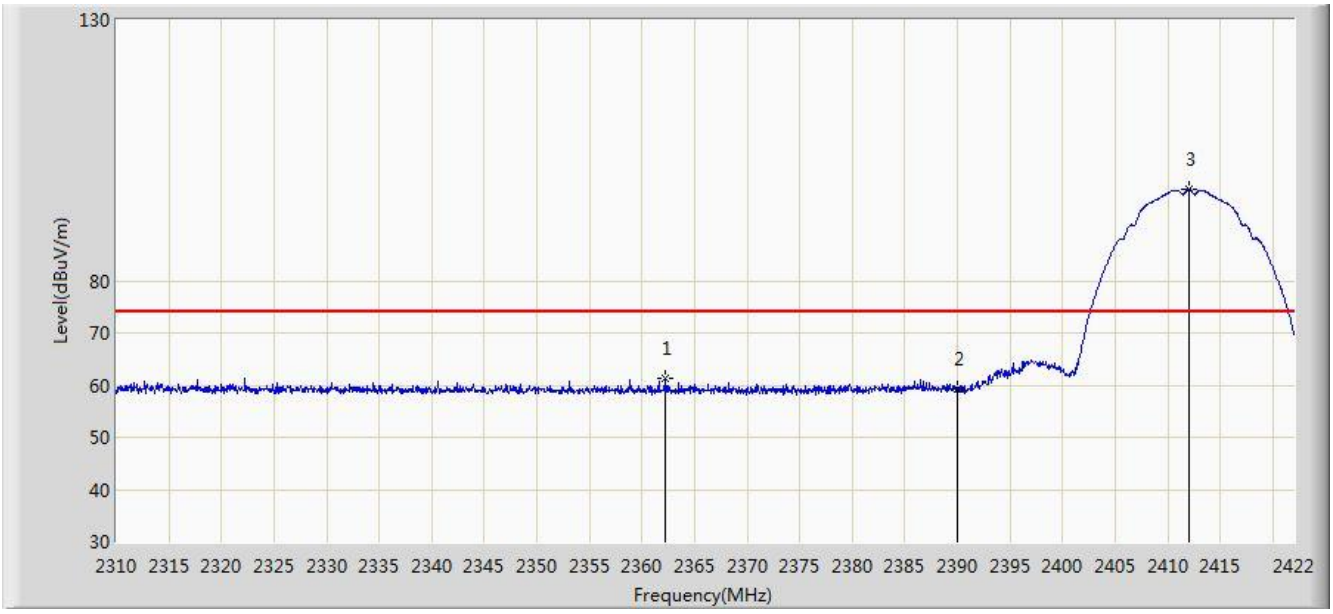
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Result

Site: AC1	Time: 2018/03/06 - 22:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

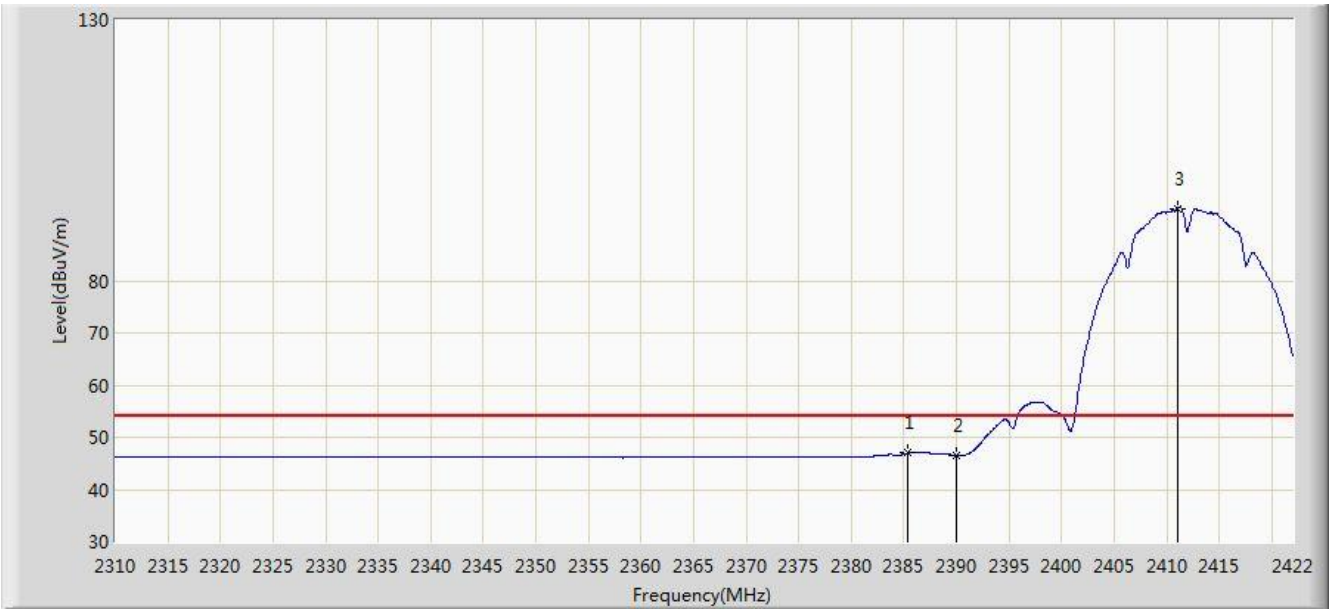


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2362.248	61.397	28.778	-12.603	74.000	32.620	PK
2			2390.000	59.373	26.798	-14.627	74.000	32.575	PK
3		*	2412.032	97.598	65.050	N/A	N/A	32.548	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

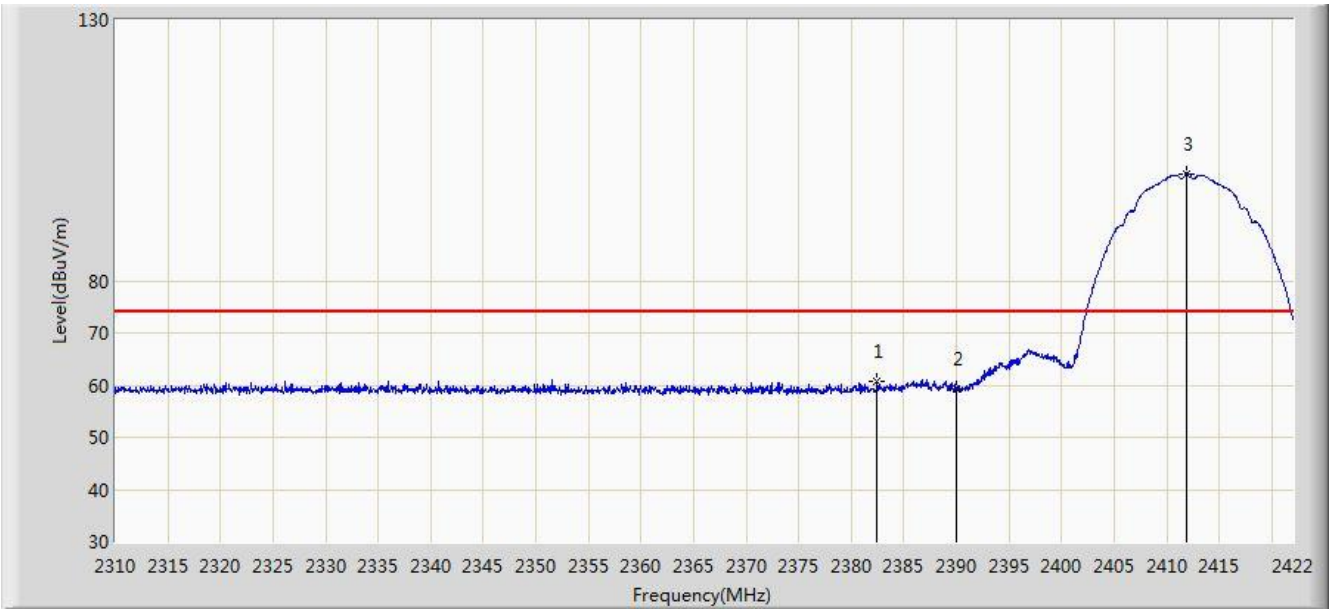


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.376	47.032	14.449	-6.968	54.000	32.583	AV
2			2390.000	46.498	13.923	-7.502	54.000	32.575	AV
3		*	2411.024	93.904	61.355	N/A	N/A	32.549	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

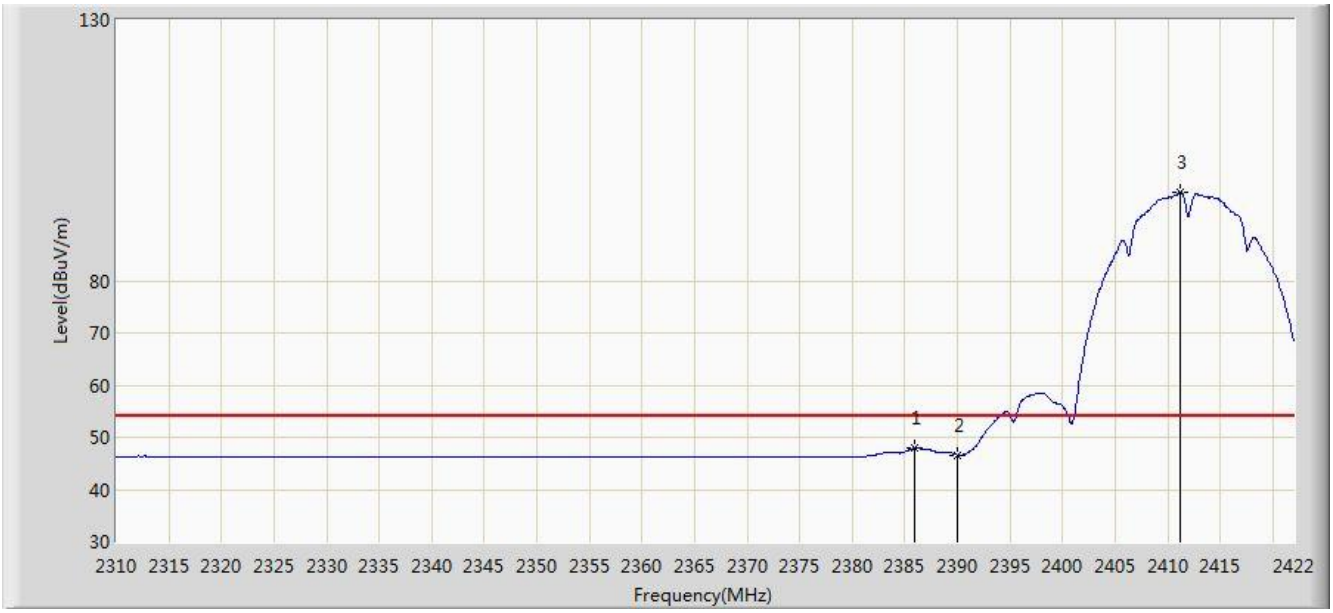


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.464	60.766	28.178	-13.234	74.000	32.587	PK
2			2390.000	59.282	26.707	-14.718	74.000	32.575	PK
3		*	2411.864	100.541	67.993	N/A	N/A	32.548	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

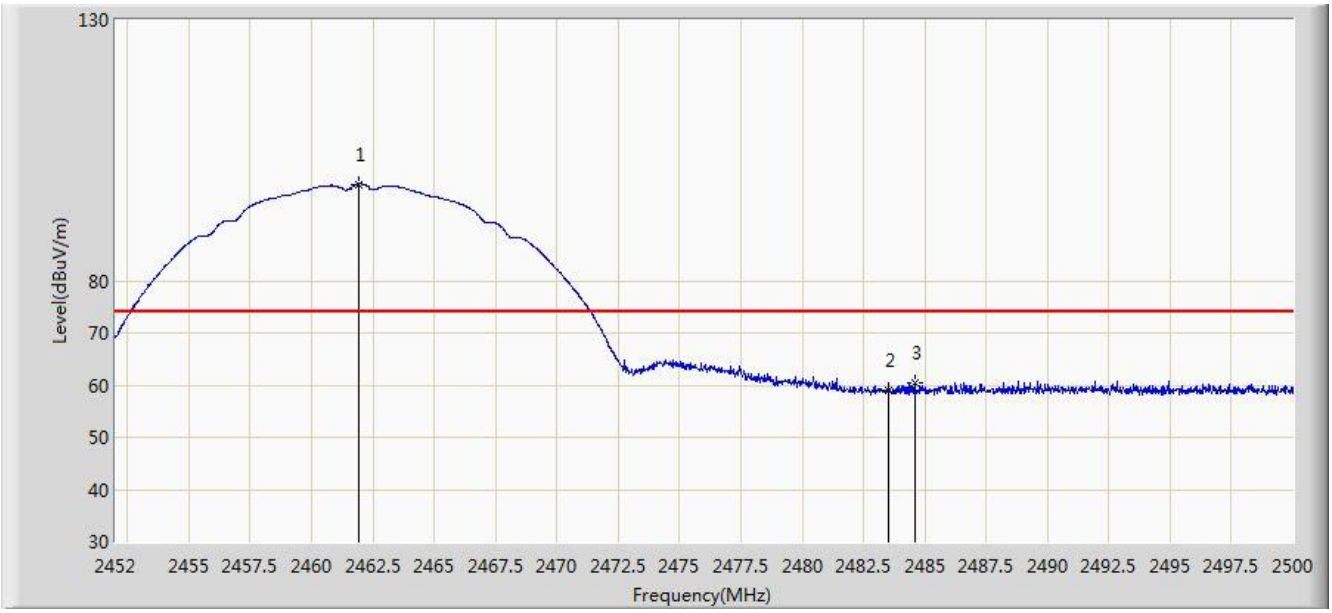


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.992	47.861	15.279	-6.139	54.000	32.581	AV
2			2390.000	46.636	14.061	-7.364	54.000	32.575	AV
3		*	2411.136	96.928	64.379	N/A	N/A	32.549	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

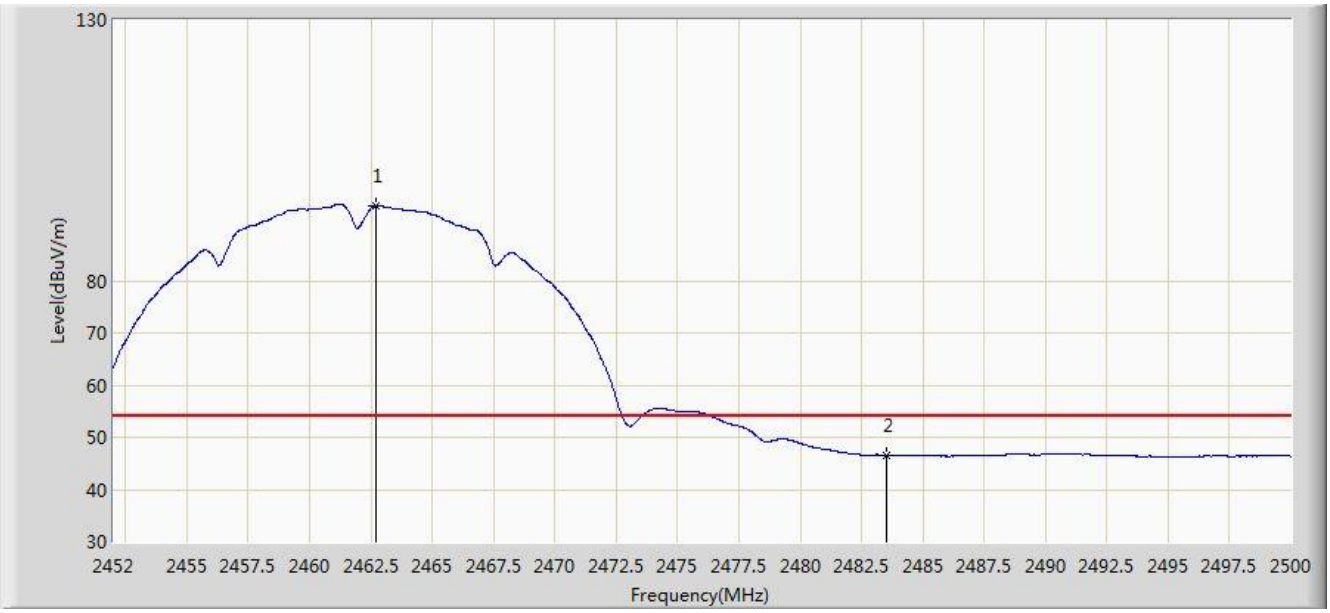


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.912	98.519	65.979	N/A	N/A	32.540	PK
2			2483.500	58.867	26.271	-15.133	74.000	32.596	PK
3			2484.592	60.313	27.714	-13.687	74.000	32.599	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

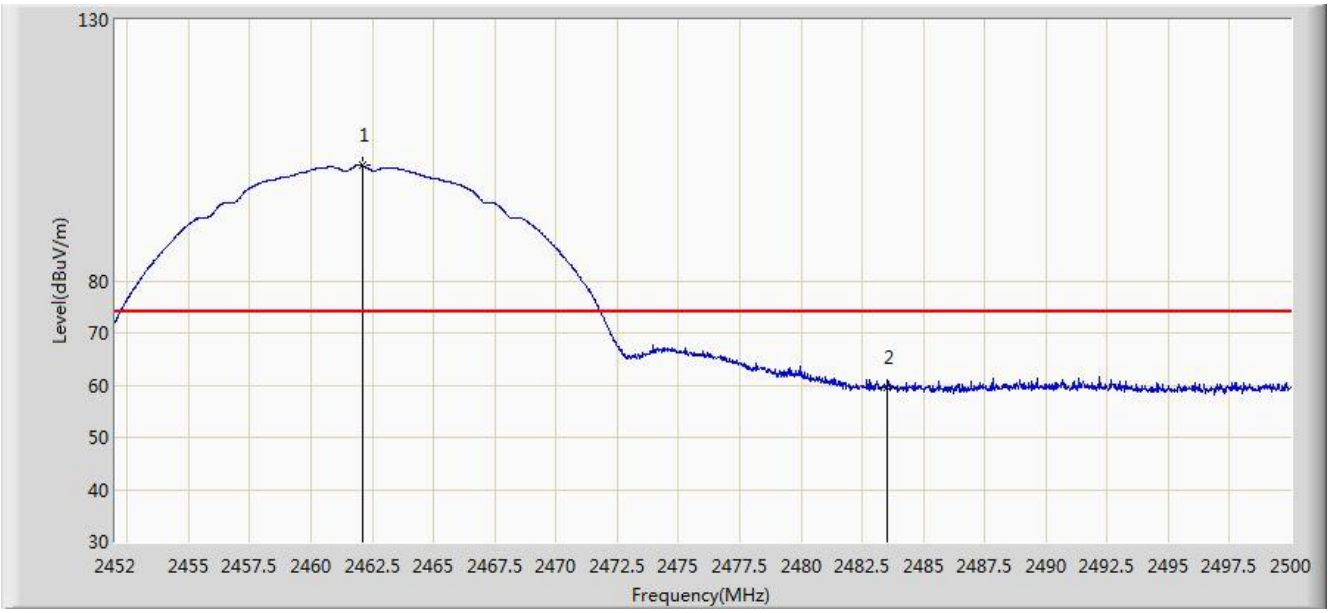


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.680	94.447	61.905	N/A	N/A	32.542	AV
2			2483.500	46.597	14.001	-7.403	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.128	102.040	69.499	N/A	N/A	32.540	PK
2			2483.500	59.522	26.926	-14.478	74.000	32.596	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

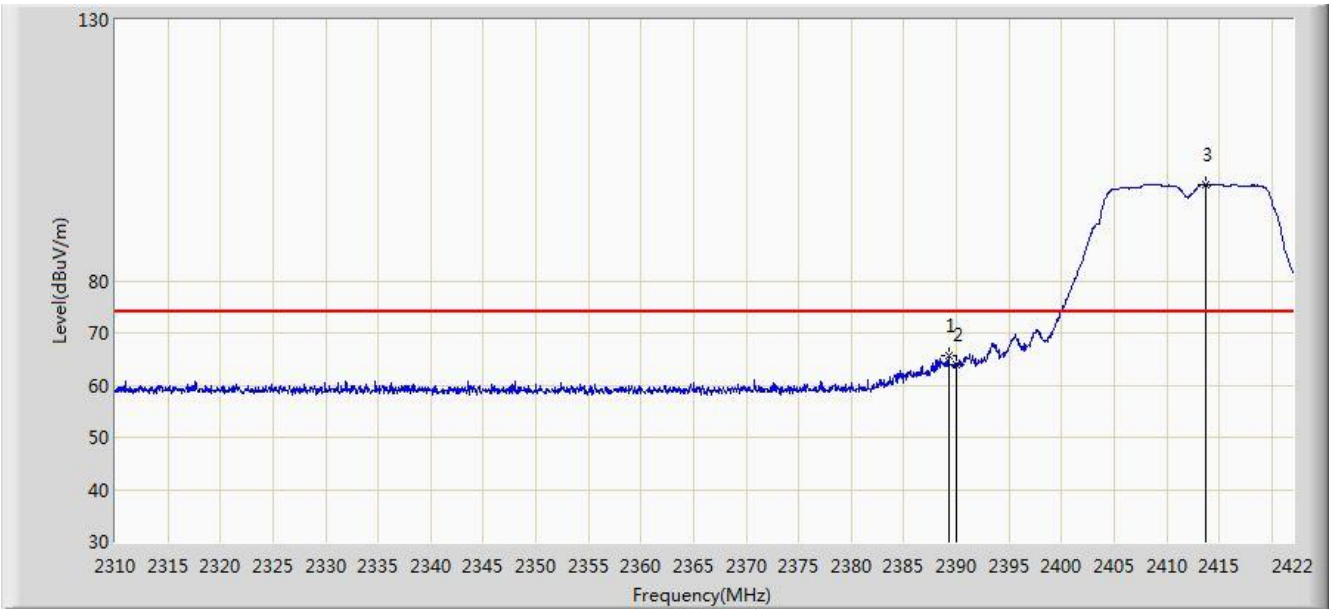
Site: AC1	Time: 2018/03/06 - 22:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.192	98.481	65.942	N/A	N/A	32.539	AV
2			2483.500	46.937	14.341	-7.063	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

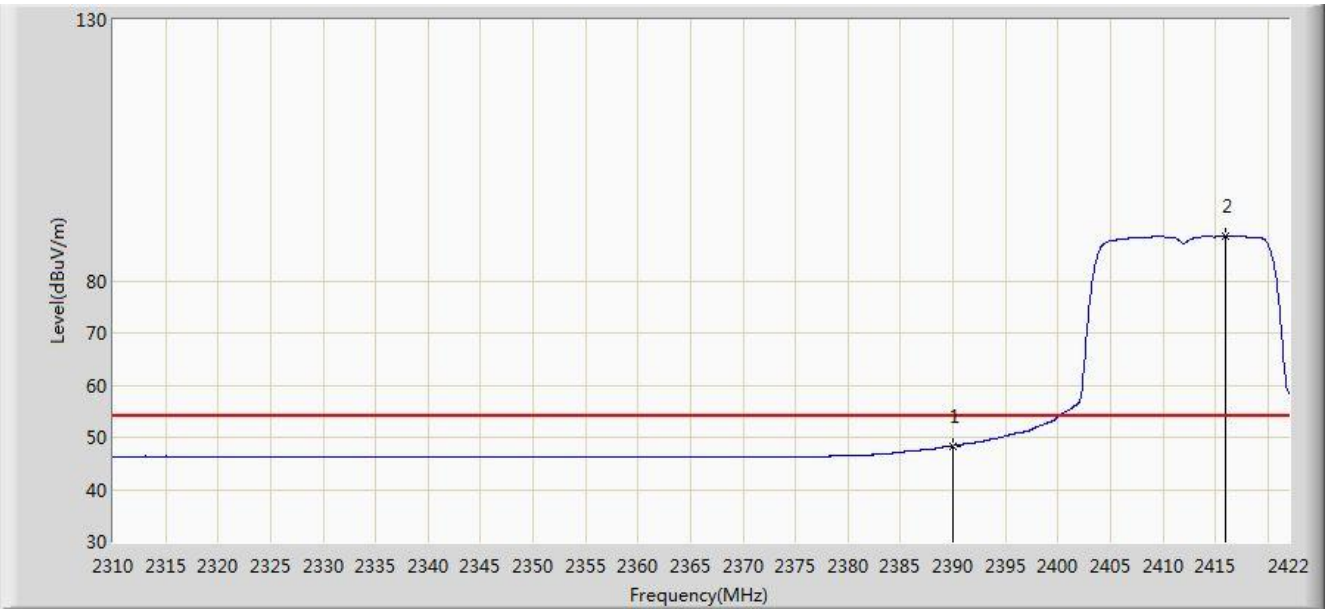


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.240	65.609	33.033	-8.391	74.000	32.576	PK
2			2390.000	63.831	31.256	-10.169	74.000	32.575	PK
3		*	2413.768	98.511	65.966	N/A	N/A	32.546	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

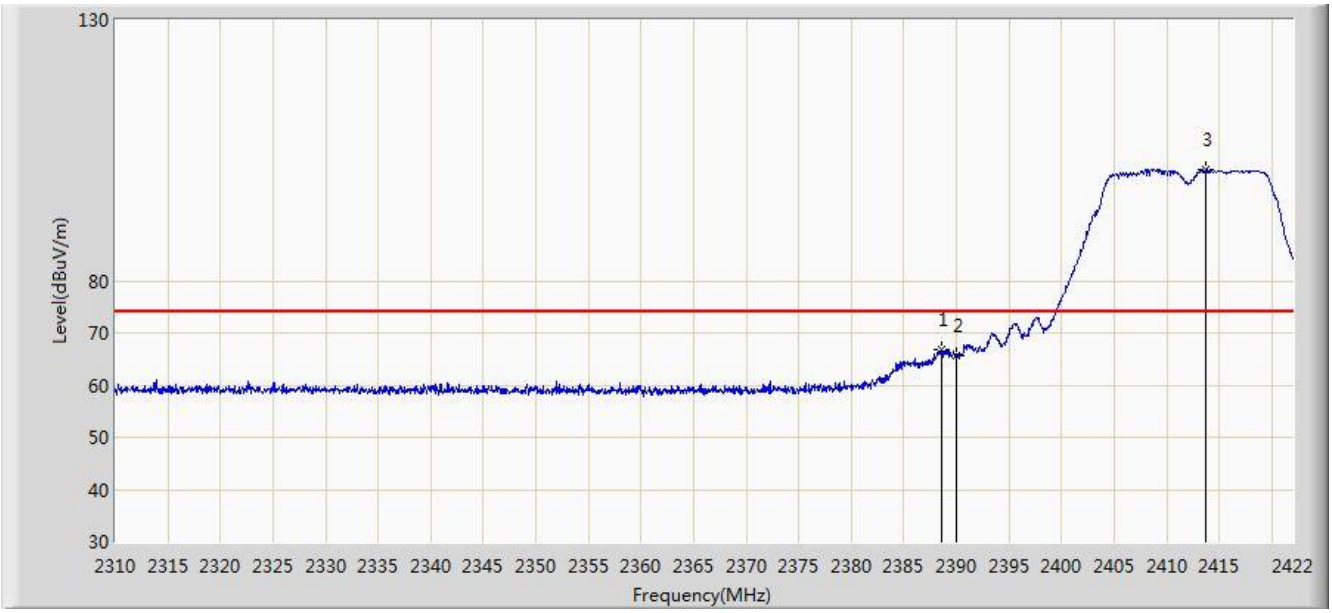


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.390	15.815	-5.610	54.000	32.575	AV
2		*	2416.008	88.557	56.015	N/A	N/A	32.542	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

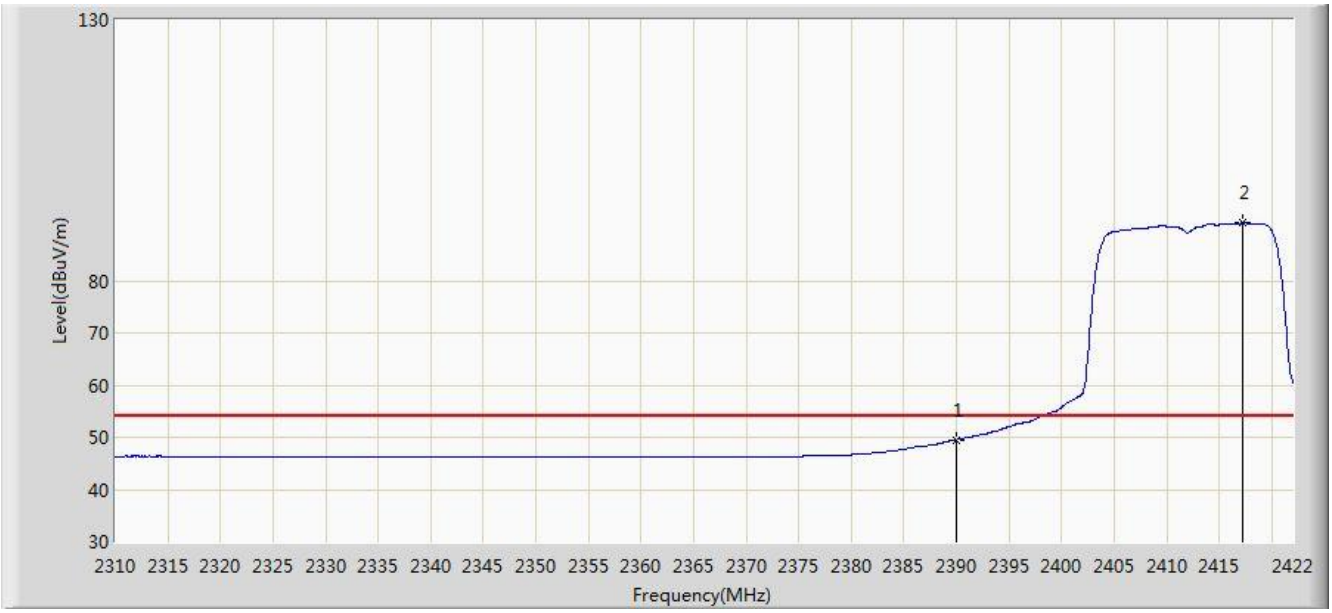


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.624	66.783	34.206	-7.217	74.000	32.577	PK
2			2390.000	65.651	33.076	-8.349	74.000	32.575	PK
3		*	2413.712	101.284	68.738	N/A	N/A	32.546	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

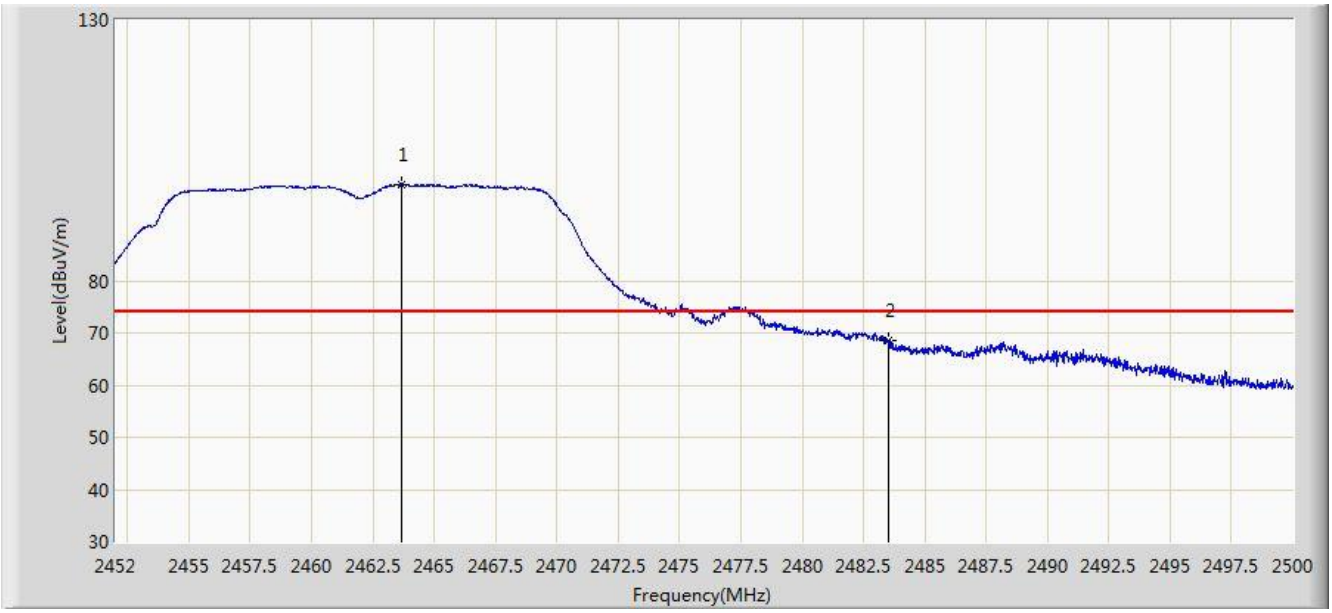


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.543	16.968	-4.457	54.000	32.575	AV
2		*	2417.184	91.028	58.487	N/A	N/A	32.541	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

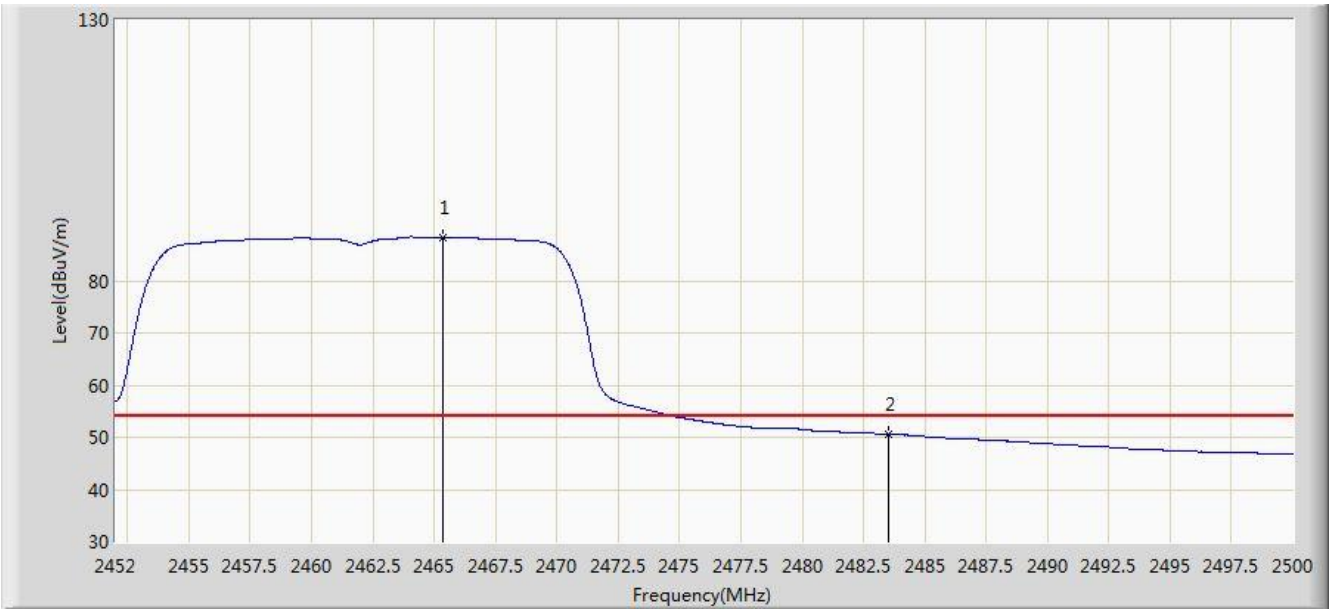


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.640	98.491	65.948	N/A	N/A	32.543	PK
2			2483.500	68.668	36.072	-5.332	74.000	32.596	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

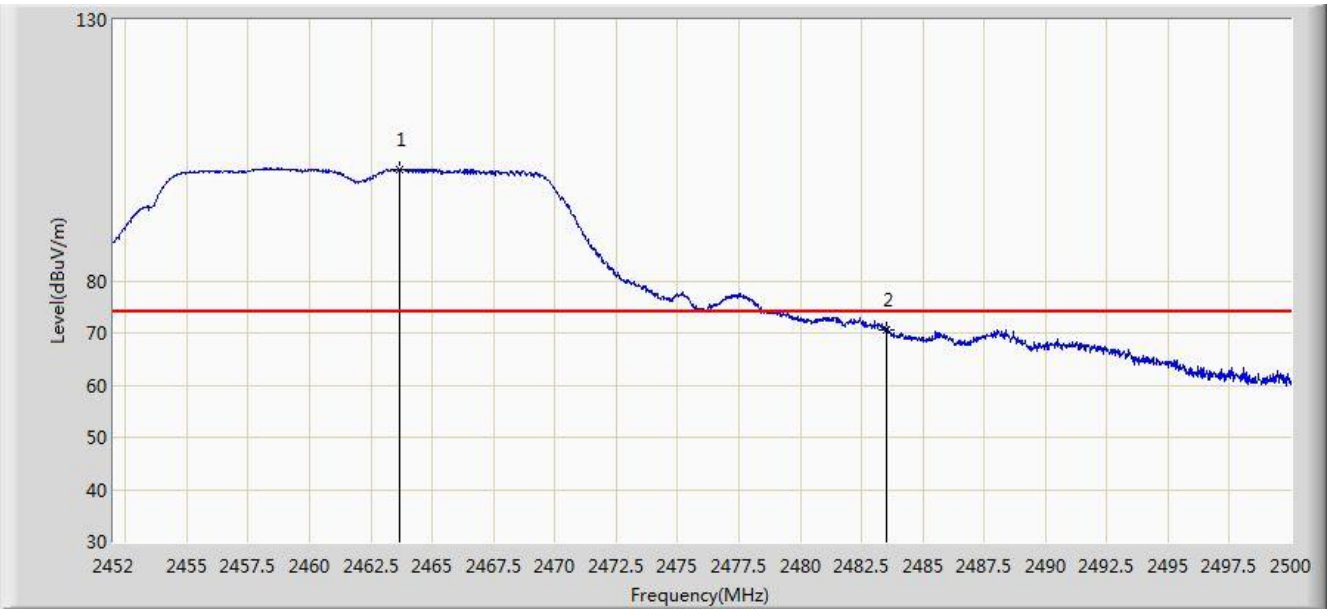


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.344	88.231	55.683	N/A	N/A	32.548	AV
2			2483.500	50.465	17.869	-3.535	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

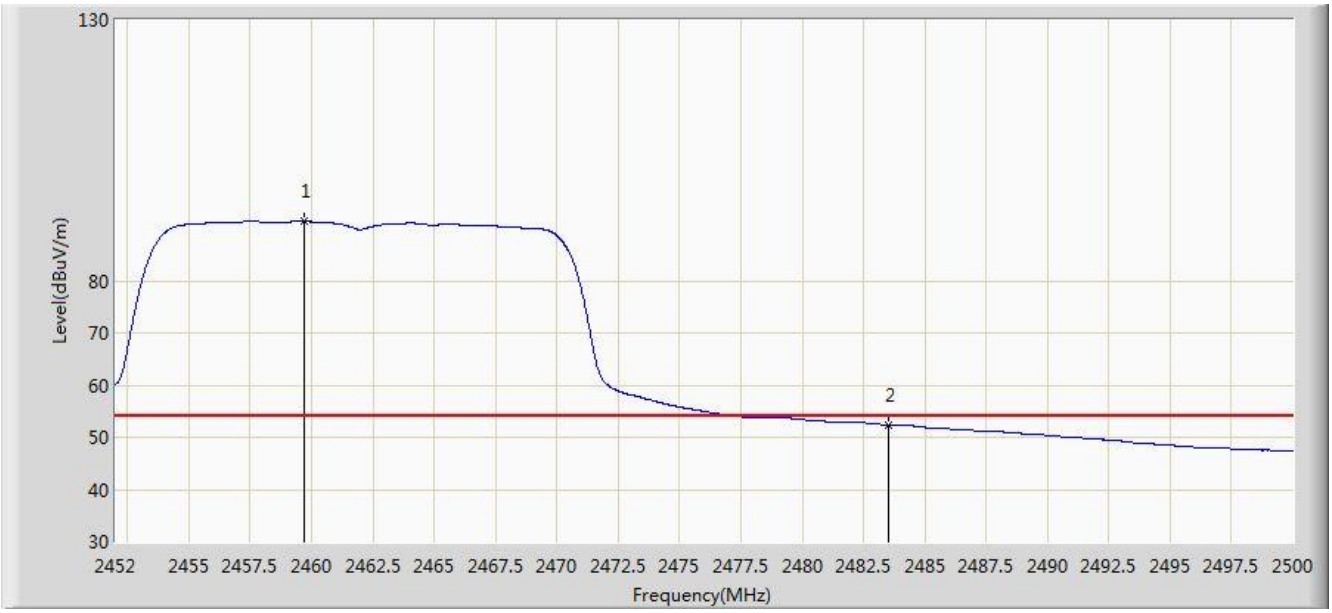


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.688	101.277	68.734	N/A	N/A	32.543	PK
2			2483.500	70.585	37.989	-3.415	74.000	32.596	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

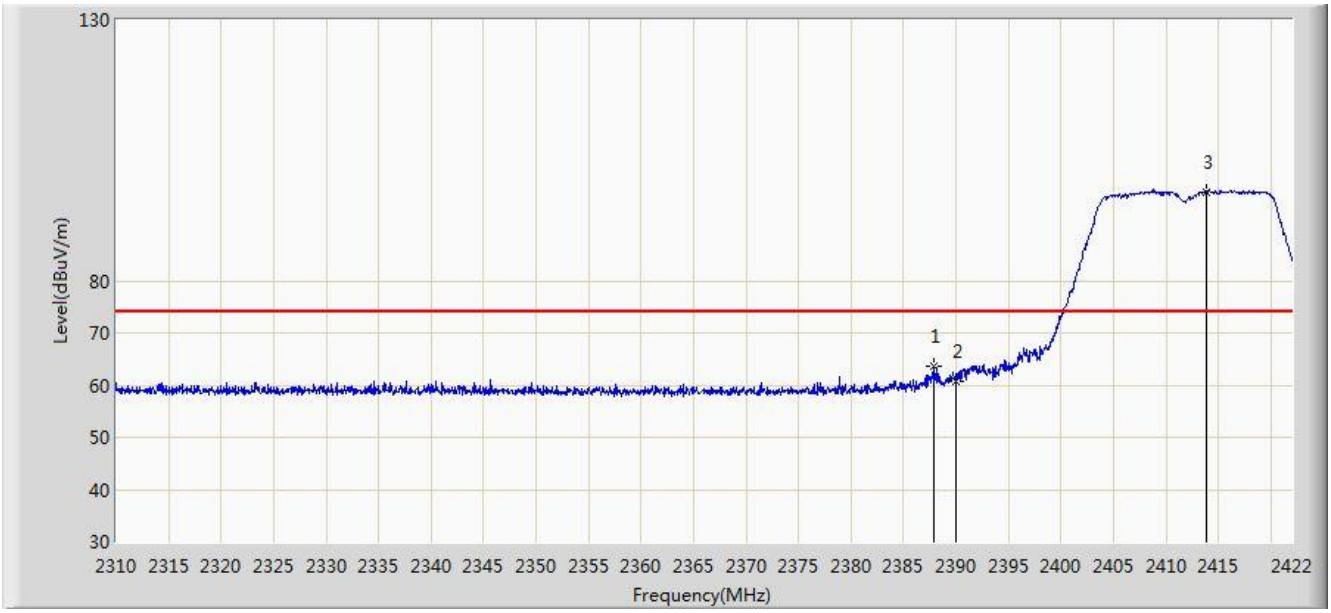


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.728	91.387	58.852	N/A	N/A	32.535	AV
2			2483.500	52.308	19.712	-1.692	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

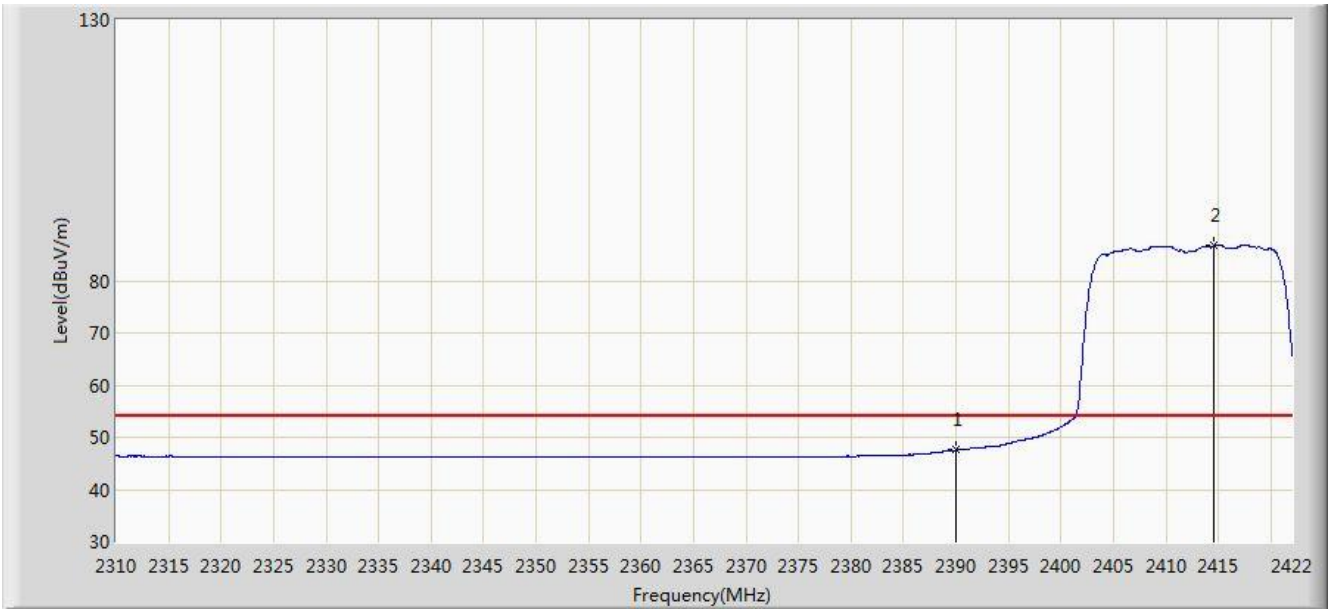


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.896	63.760	31.182	-10.240	74.000	32.578	PK
2			2390.000	60.719	28.144	-13.281	74.000	32.575	PK
3		*	2413.824	97.059	64.514	N/A	N/A	32.546	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

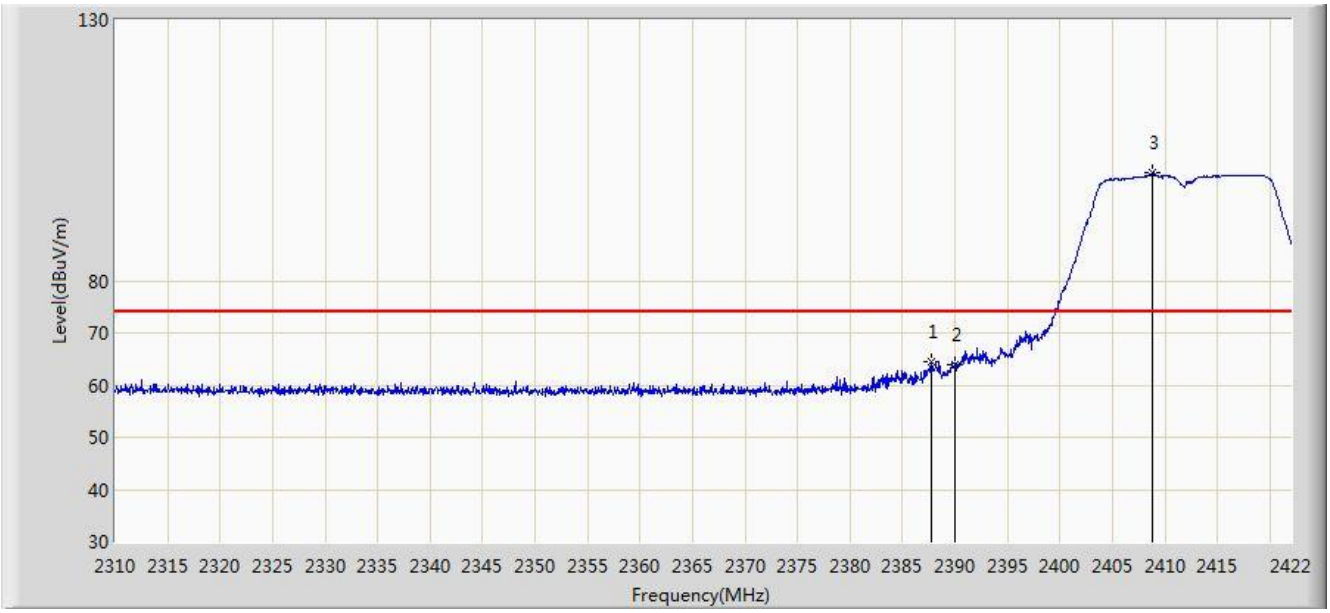


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.538	14.963	-6.462	54.000	32.575	AV
2		*	2414.608	86.704	54.160	N/A	N/A	32.545	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

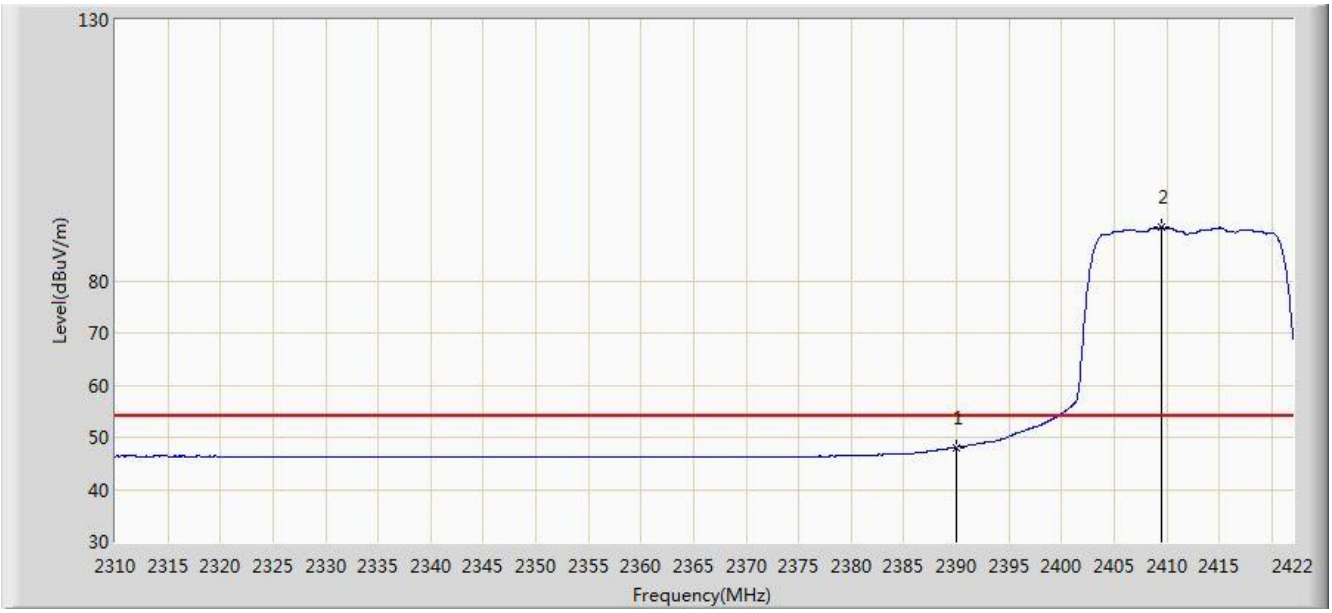


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.728	64.511	31.932	-9.489	74.000	32.579	PK
2			2390.000	63.914	31.339	-10.086	74.000	32.575	PK
3		*	2408.840	100.670	68.118	N/A	N/A	32.552	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

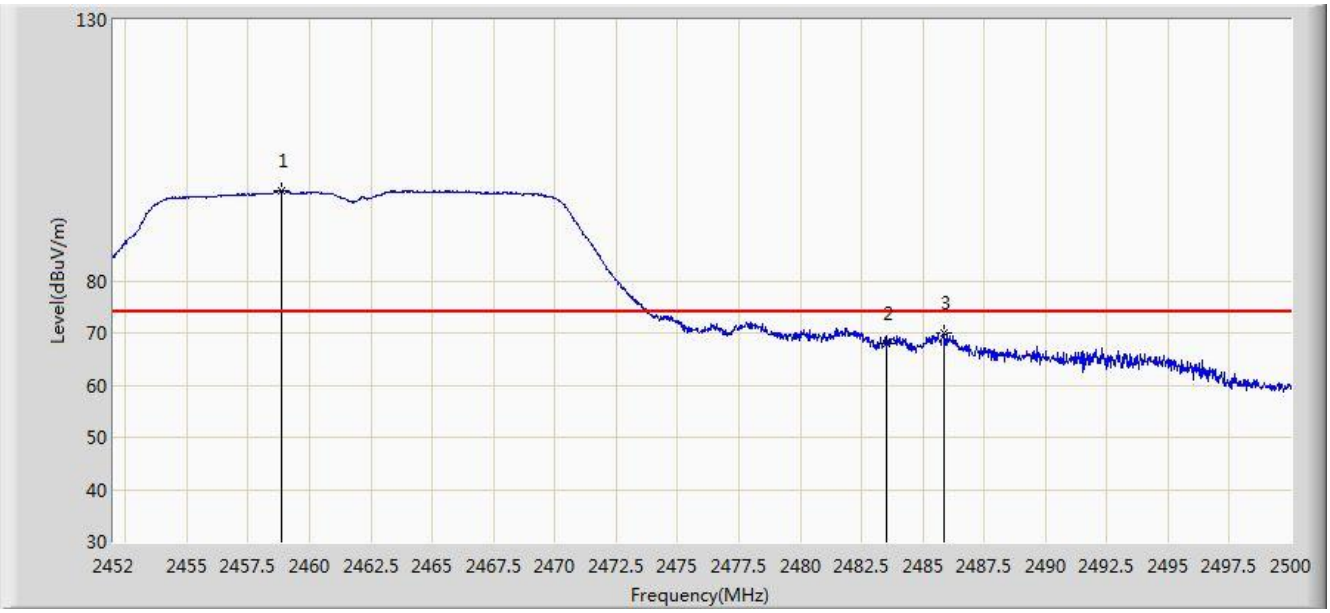


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.104	15.529	-5.896	54.000	32.575	AV
2		*	2409.568	90.159	57.608	N/A	N/A	32.551	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

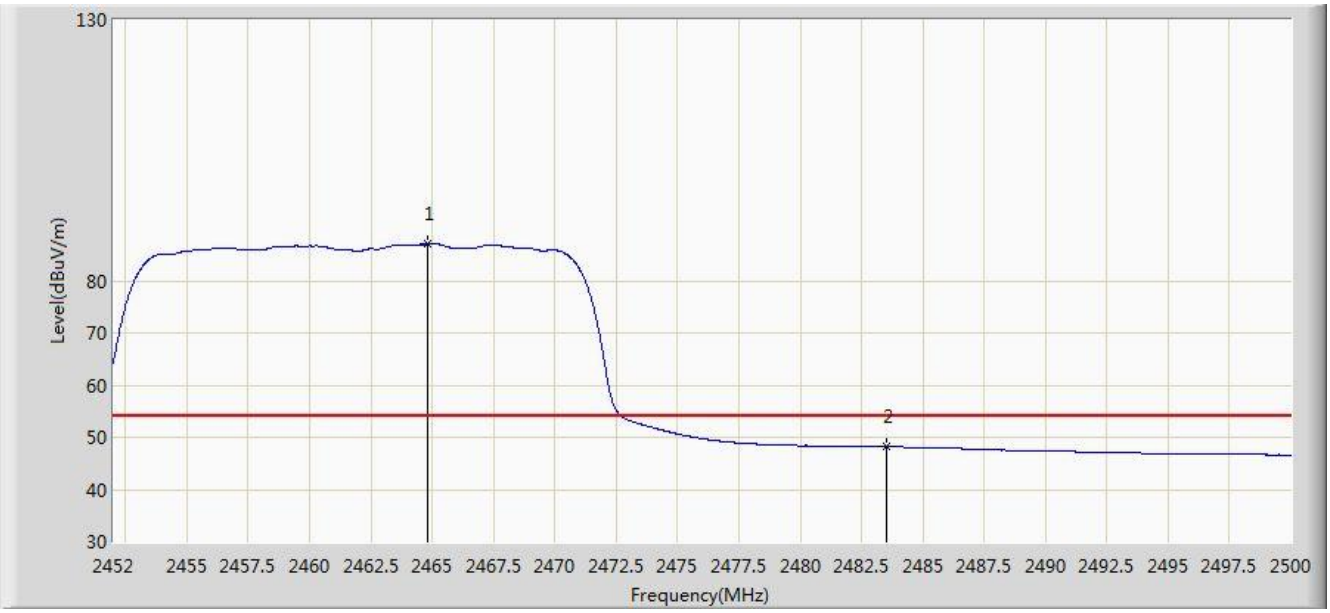


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.840	97.265	64.732	N/A	N/A	32.534	PK
2			2483.500	67.911	35.315	-6.089	74.000	32.596	PK
3			2485.864	69.937	37.335	-4.063	74.000	32.602	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

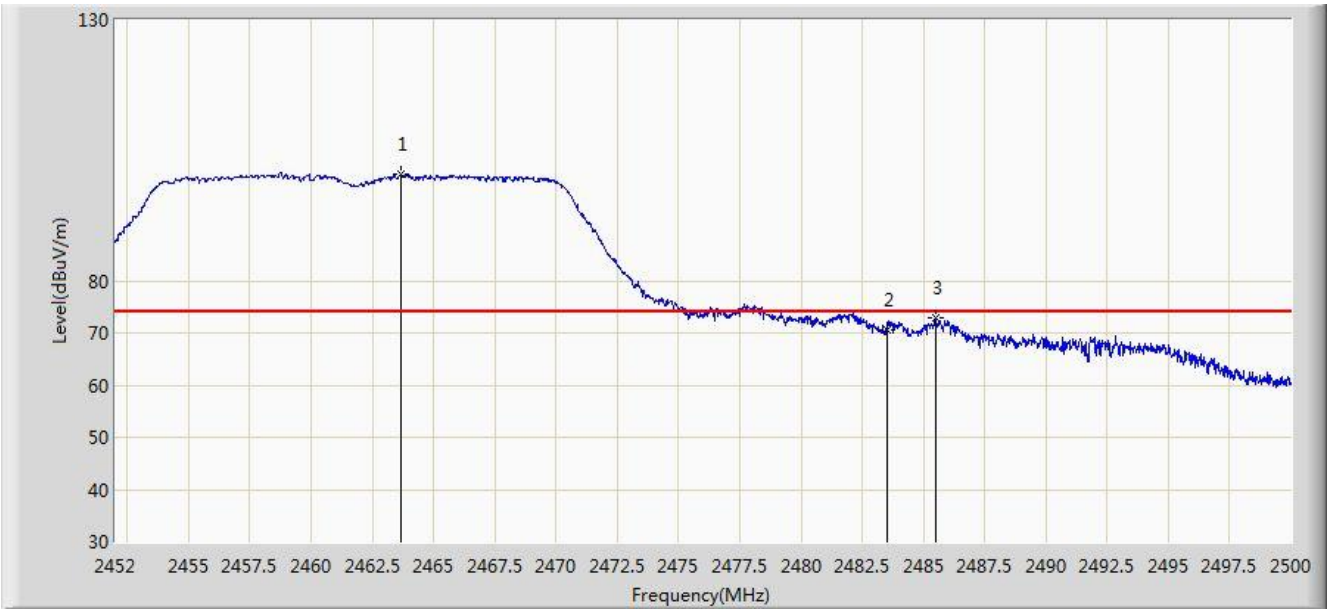


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.816	86.988	54.442	N/A	N/A	32.546	AV
2			2483.500	48.221	15.625	-5.779	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

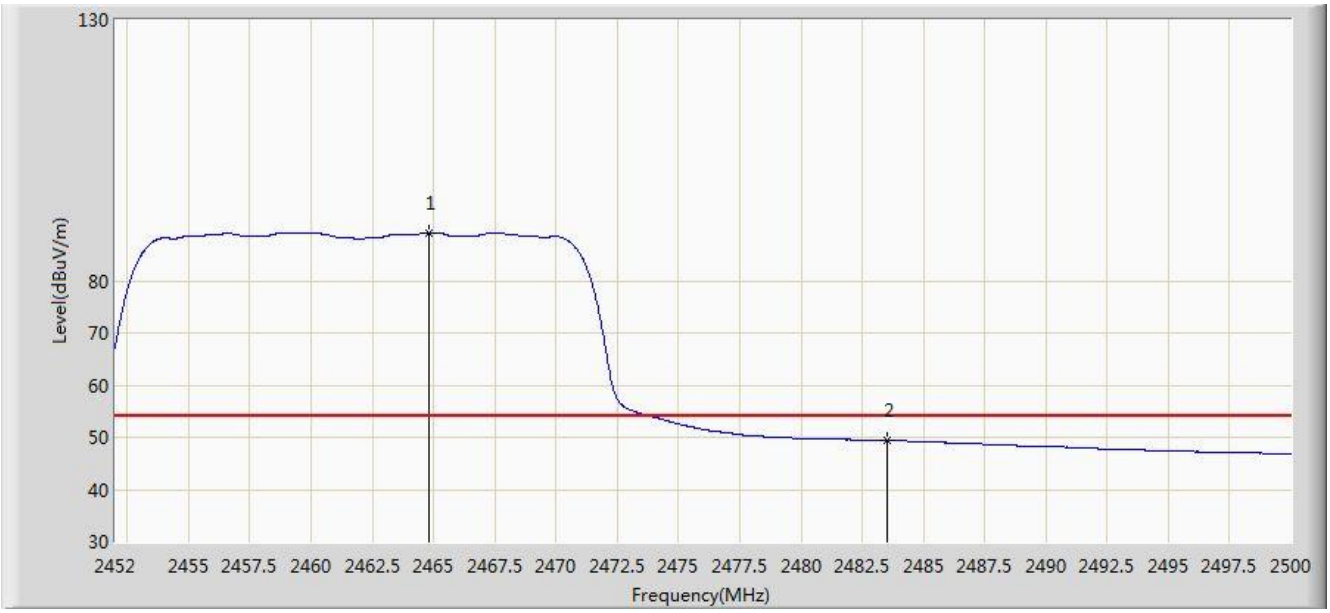


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.640	100.380	67.837	N/A	N/A	32.543	PK
2			2483.500	70.468	37.872	-3.532	74.000	32.596	PK
3			2485.504	73.003	40.402	-0.997	74.000	32.601	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

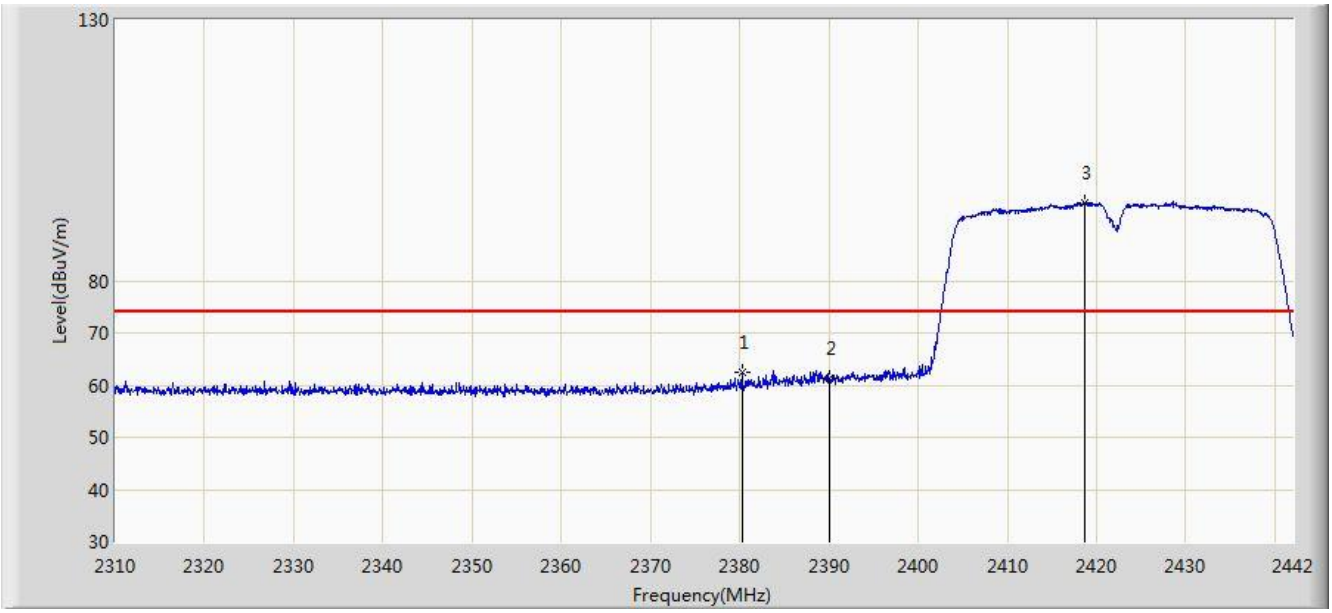


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.816	89.170	56.624	N/A	N/A	32.546	AV
2			2483.500	49.440	16.844	-4.560	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

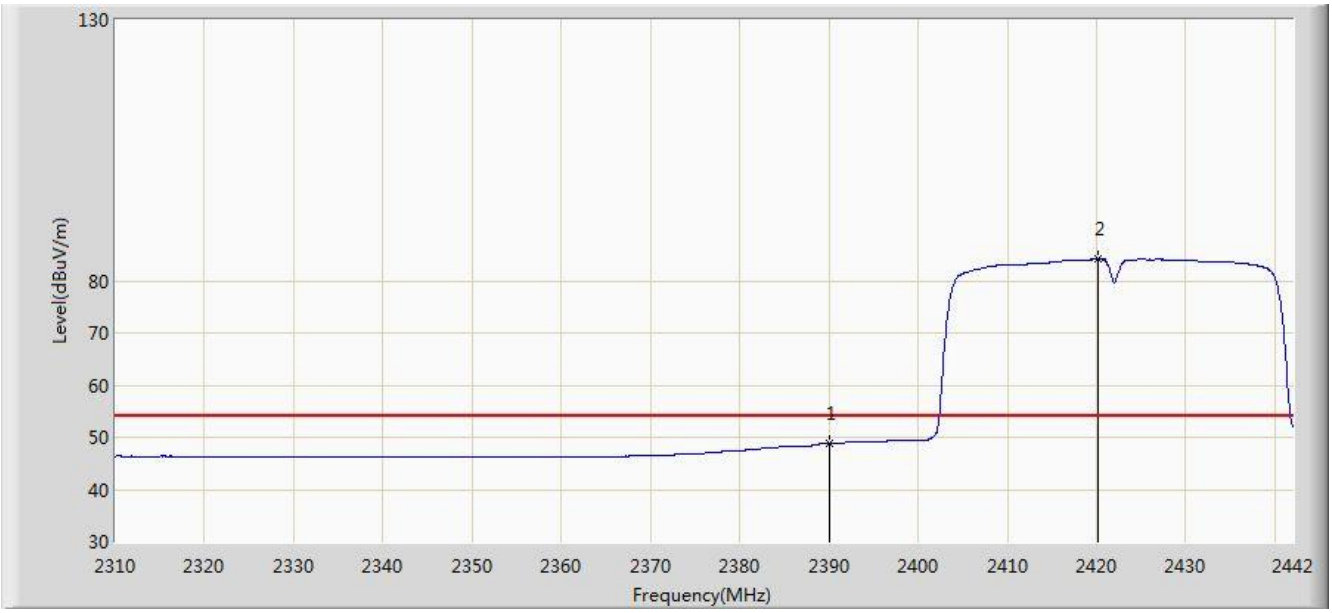


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.224	62.596	30.004	-11.404	74.000	32.592	PK
2			2390.000	61.287	28.712	-12.713	74.000	32.575	PK
3		*	2418.702	94.868	62.329	N/A	N/A	32.539	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

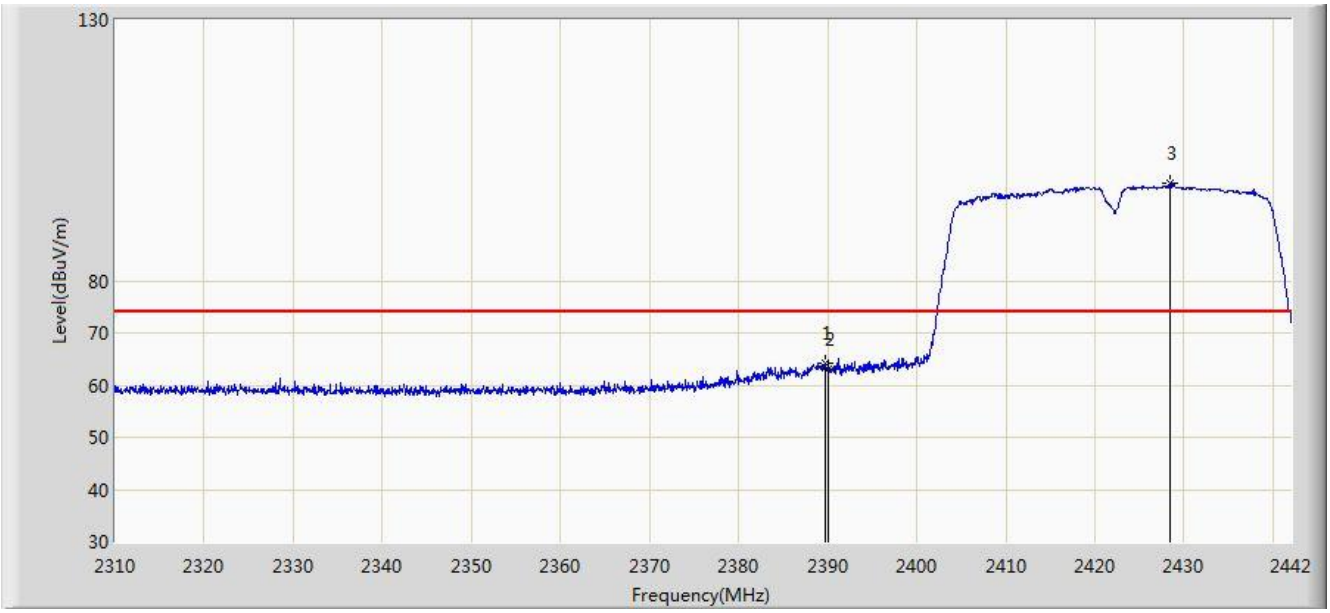


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.830	16.255	-5.170	54.000	32.575	AV
2		*	2420.220	84.193	51.656	N/A	N/A	32.536	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

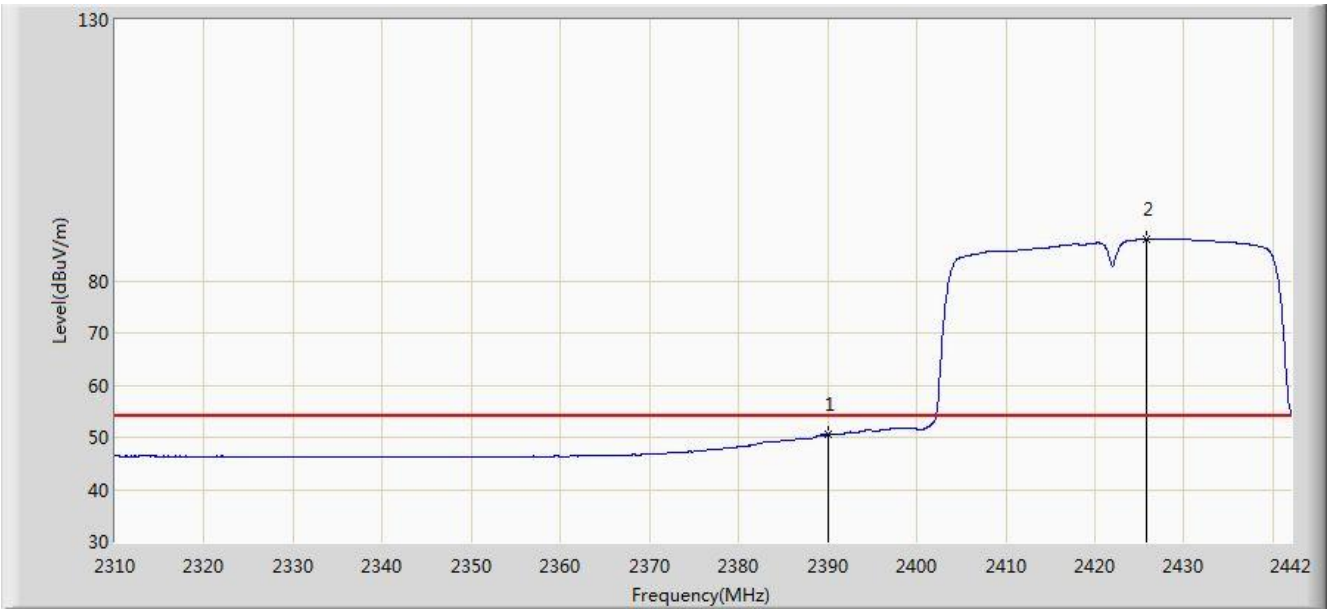


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.728	64.345	31.770	-9.655	74.000	32.575	PK
2			2390.000	63.171	30.596	-10.829	74.000	32.575	PK
3		*	2428.470	98.616	66.091	N/A	N/A	32.526	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

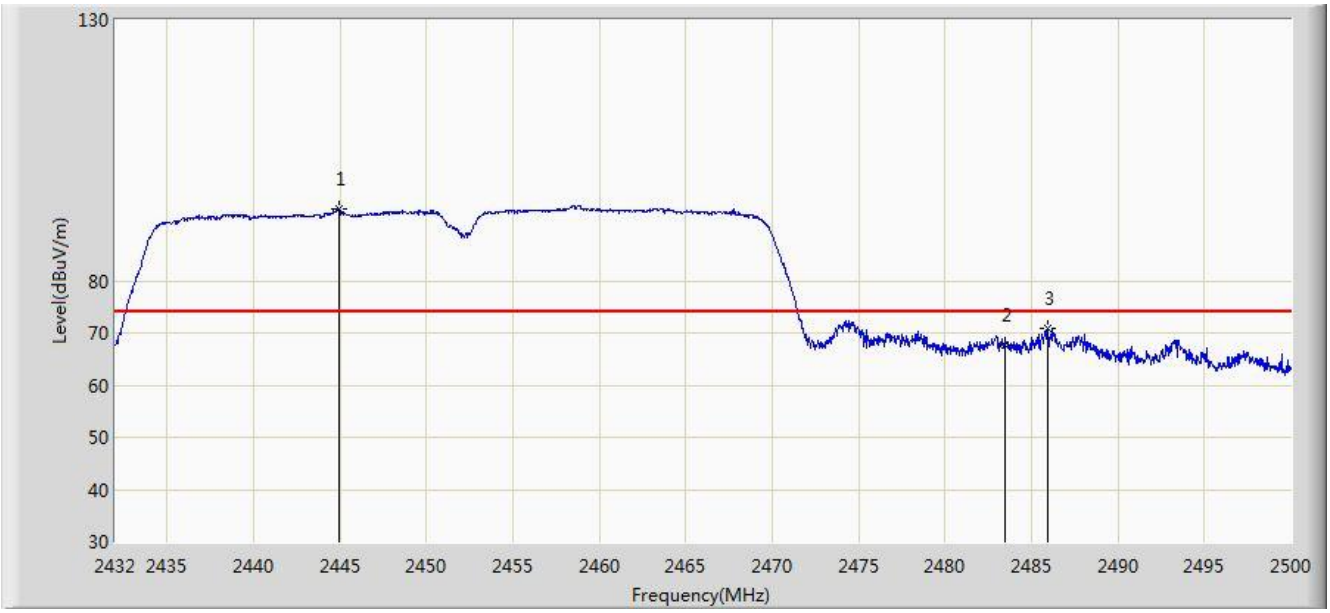


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.516	17.941	-3.484	54.000	32.575	AV
2		*	2425.830	87.924	55.395	N/A	N/A	32.529	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

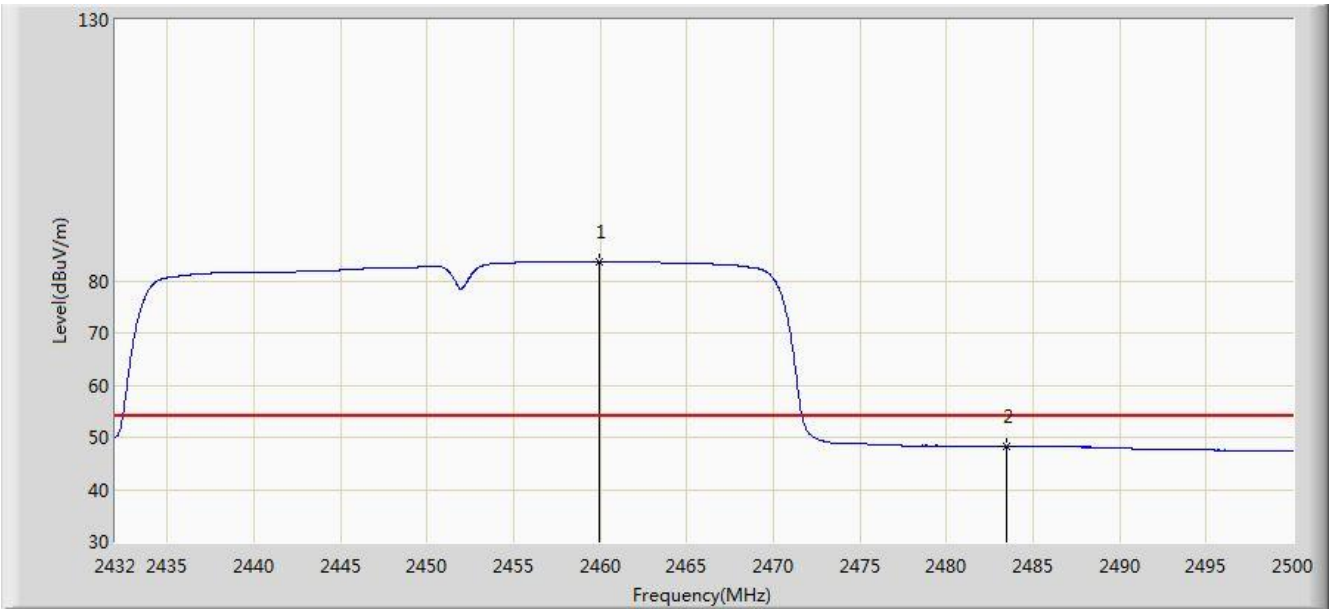


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.988	93.666	61.160	N/A	N/A	32.506	PK
2			2483.500	67.632	35.036	-6.368	74.000	32.596	PK
3			2485.924	70.789	38.187	-3.211	74.000	32.602	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

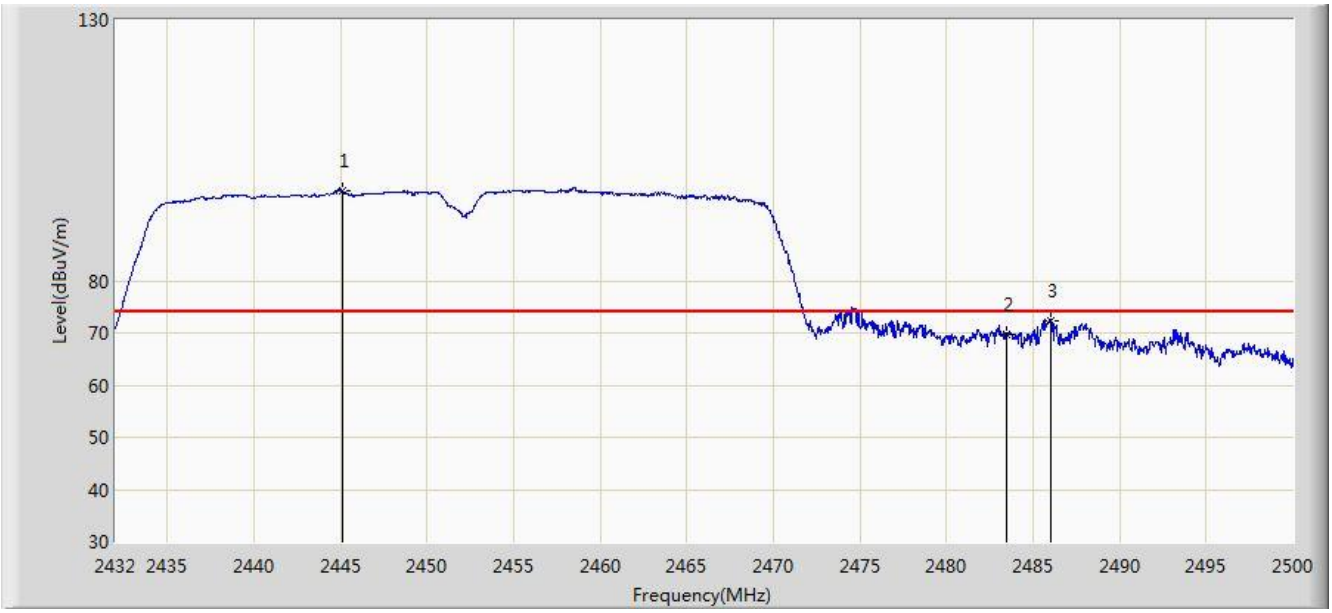


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.982	83.613	51.077	N/A	N/A	32.536	AV
2			2483.500	48.328	15.732	-5.672	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

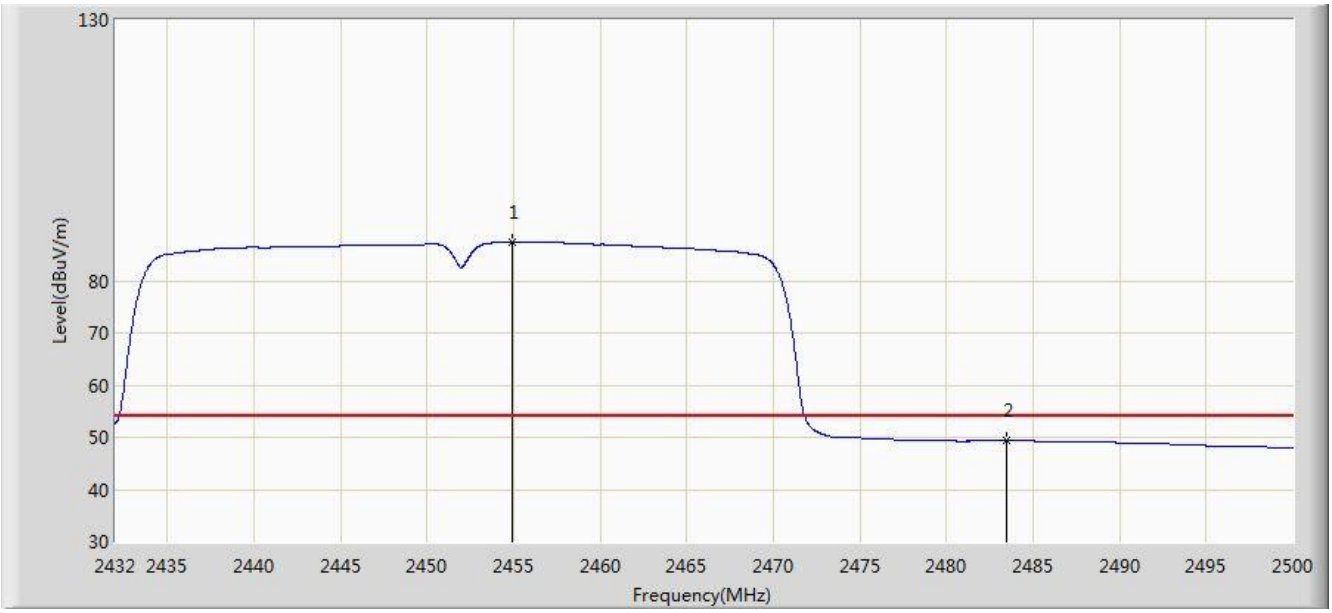


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.090	97.314	64.808	N/A	N/A	32.505	PK
2			2483.500	69.736	37.140	-4.264	74.000	32.596	PK
3			2485.992	72.458	39.856	-1.542	74.000	32.602	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2018/03/06 - 22:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Terminal	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.916	87.375	54.851	N/A	N/A	32.524	AV
2			2483.500	49.412	16.816	-4.588	54.000	32.596	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

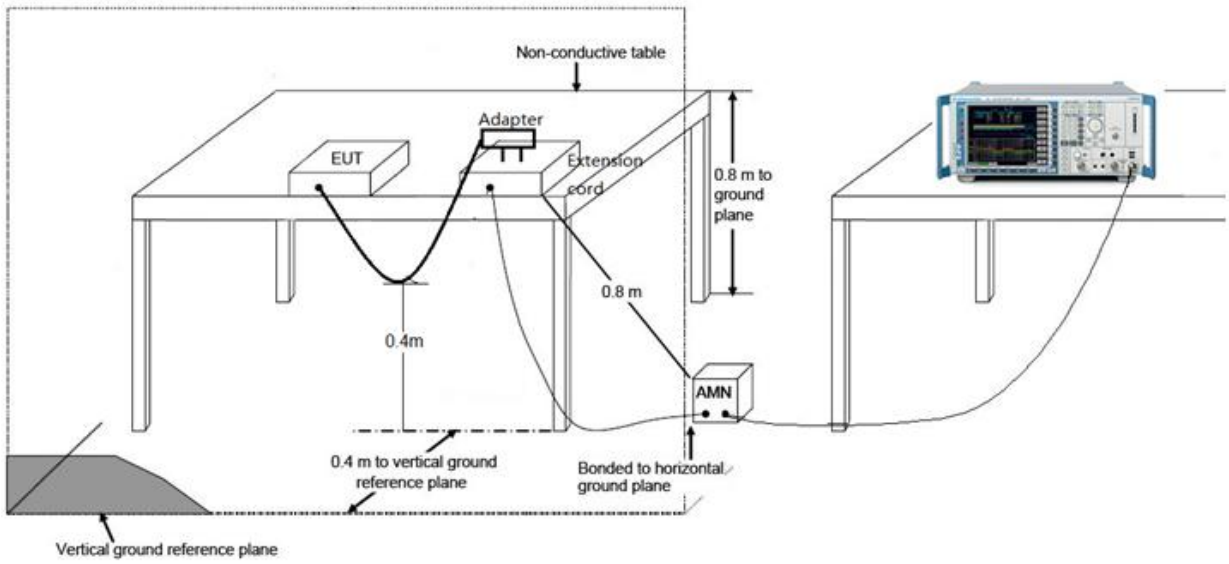
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.8. AC Conducted Emissions Measurement

7.8.1.Test Limit

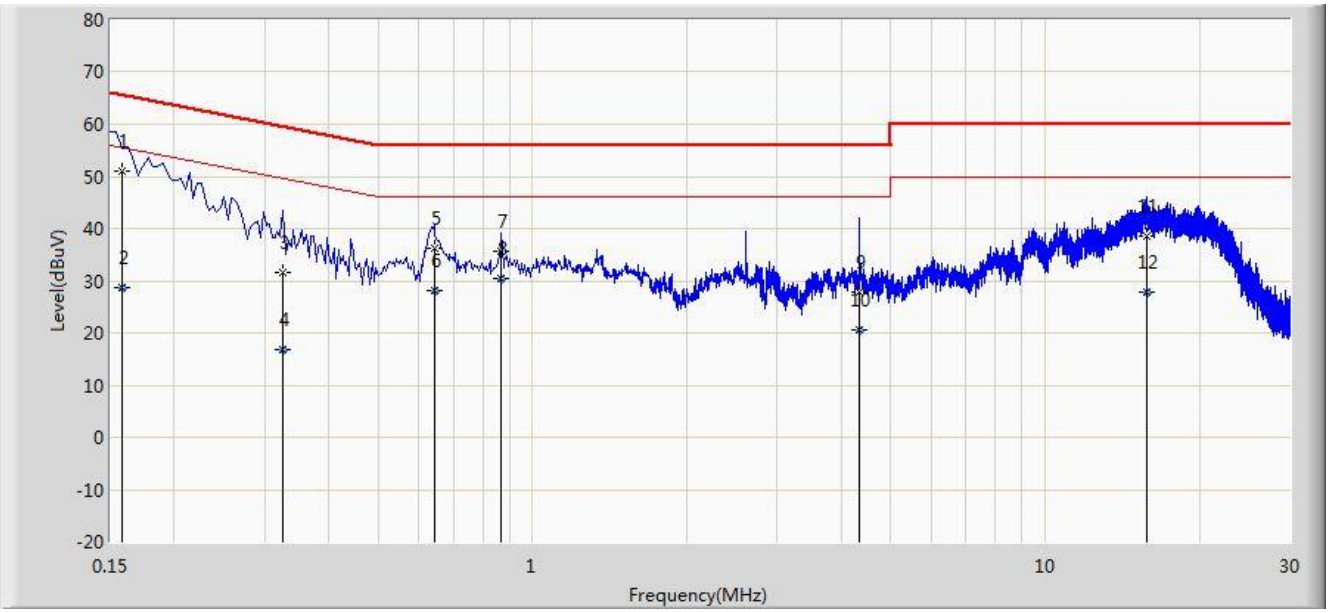
FCC 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

7.8.2.Test Setup



7.8.3.Test Result

Site: SR2	Time: 2018/02/26 - 16:25
Limit: FCC_Part15.207_CE_AC Power	Engineer: Polly Zong
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Terminal	Power: AC 120V/60Hz
Test Mode 1	

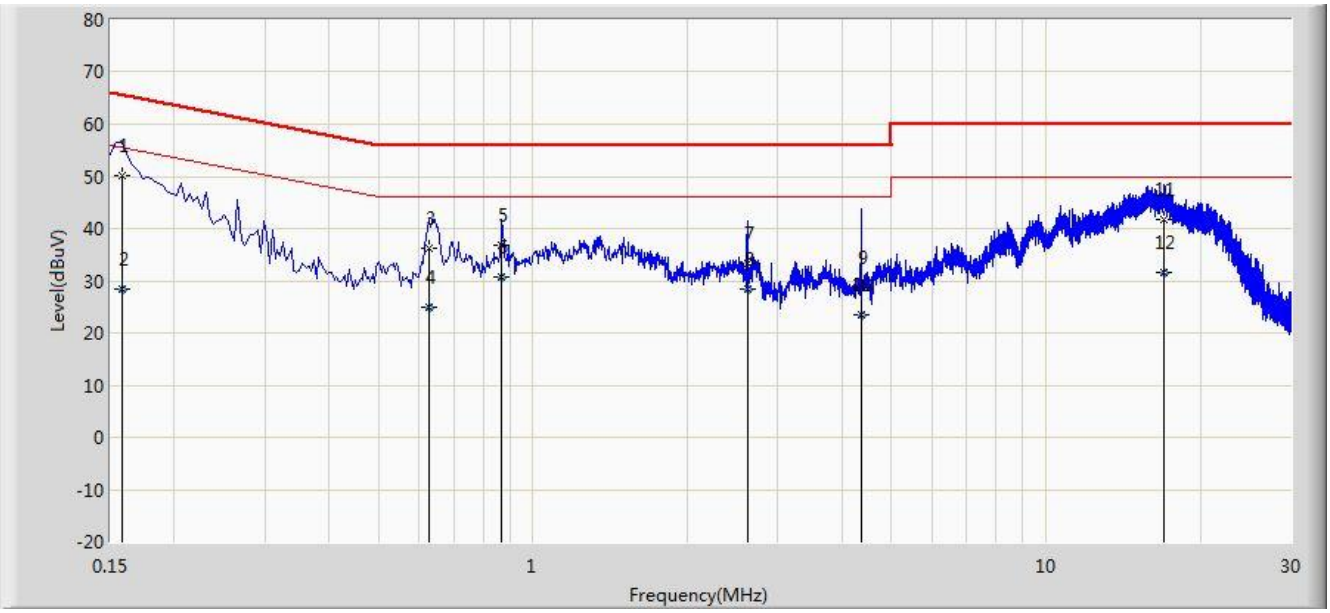


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.158	51.001	40.645	-14.589	65.591	10.356	QP
2			0.158	28.793	18.436	-26.798	55.591	10.356	AV
3			0.326	31.581	21.556	-27.971	59.552	10.025	QP
4			0.326	16.796	6.771	-32.757	49.552	10.025	AV
5			0.642	36.230	26.137	-19.770	56.000	10.093	QP
6			0.642	28.013	17.920	-17.987	46.000	10.093	AV
7			0.870	35.578	25.602	-20.422	56.000	9.976	QP
8			0.870	30.516	20.541	-15.484	46.000	9.976	AV
9			4.342	27.777	17.797	-28.223	56.000	9.980	QP
10			4.342	20.570	10.590	-25.430	46.000	9.980	AV
11			15.826	38.479	28.412	-21.521	60.000	10.068	QP
12			15.826	27.956	17.888	-22.044	50.000	10.068	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2018/02/26 - 16:48
Limit: FCC_Part15.207_CE_AC Power	Engineer: Polly Zong
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Terminal	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.158	50.043	39.753	-15.525	65.568	10.290	QP
2			0.158	28.470	18.181	-27.098	55.568	10.290	AV
3			0.626	36.250	26.133	-19.750	56.000	10.117	QP
4			0.626	24.970	14.853	-21.030	46.000	10.117	AV
5			0.870	36.871	26.890	-19.129	56.000	9.981	QP
6		*	0.870	30.580	20.599	-15.420	46.000	9.981	AV
7			2.614	33.444	23.587	-22.556	56.000	9.857	QP
8			2.614	28.406	18.549	-17.594	46.000	9.857	AV
9			4.358	28.746	18.757	-27.254	56.000	9.989	QP
10			4.358	23.510	13.521	-22.490	46.000	9.989	AV
11			16.918	41.681	31.571	-18.319	60.000	10.110	QP
12			16.918	31.483	21.373	-18.517	50.000	10.110	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Terminal** is in compliance with Part 15C of the FCC Rules.

The End