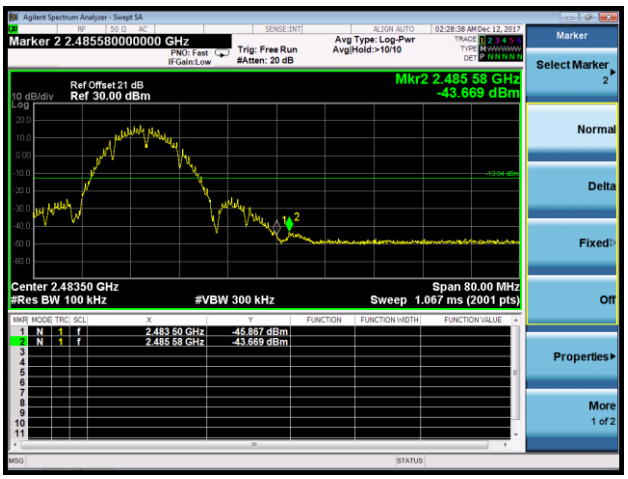
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
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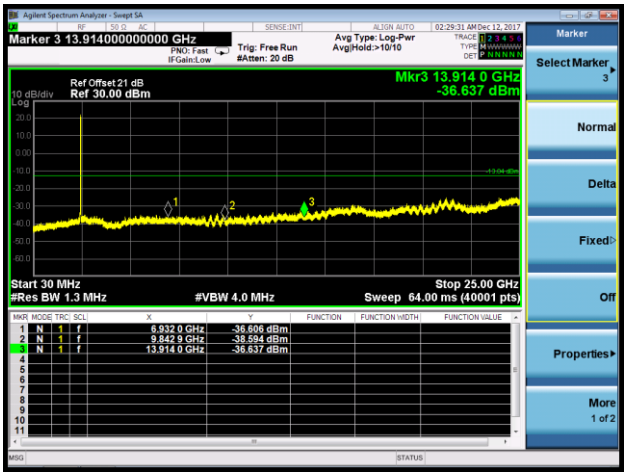
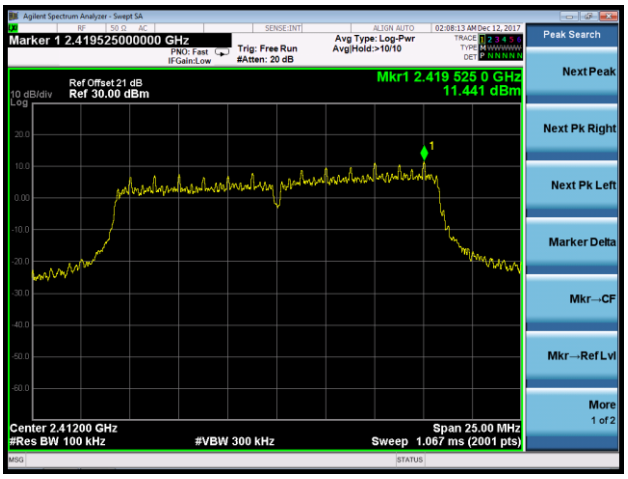
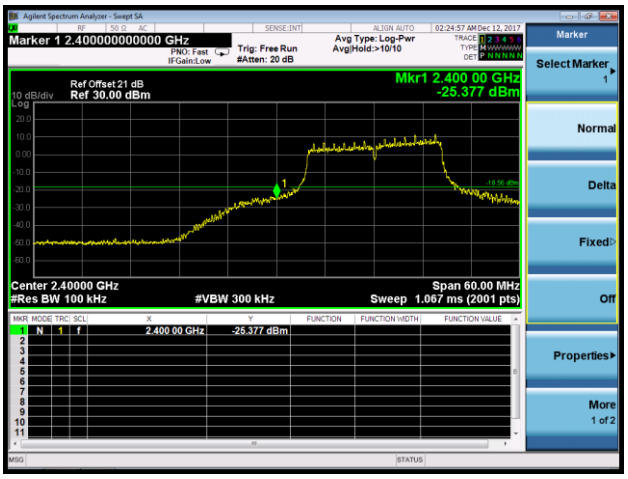
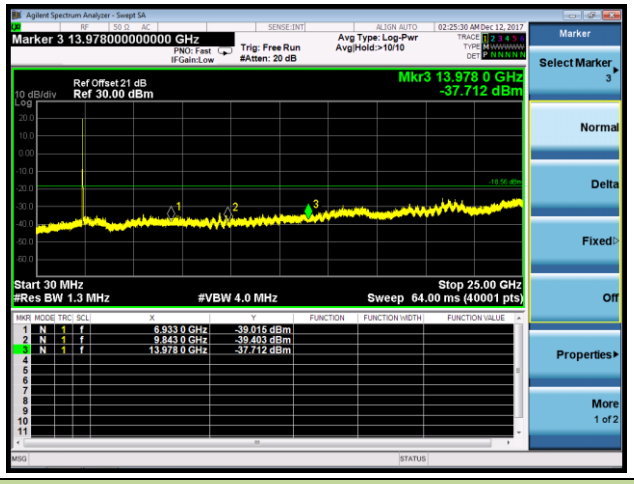
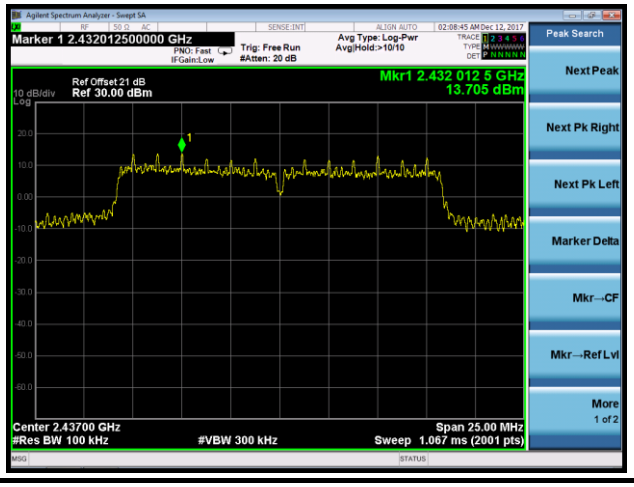
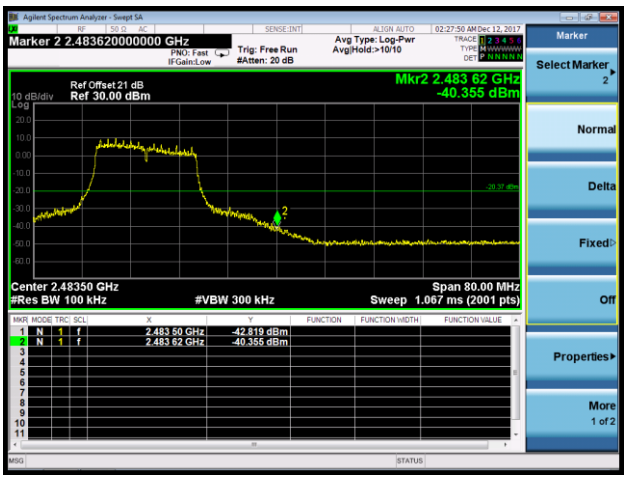
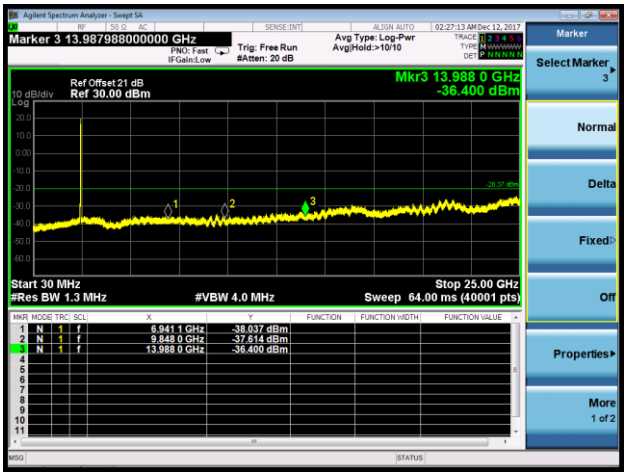
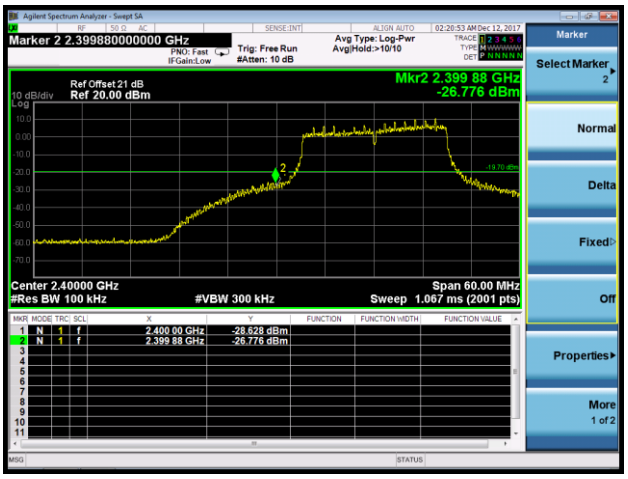
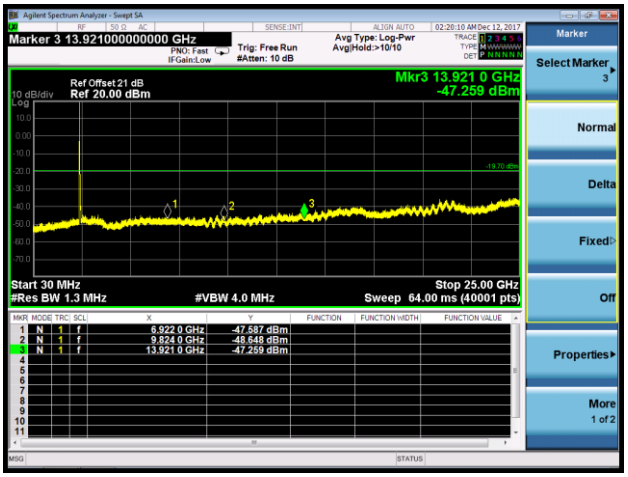
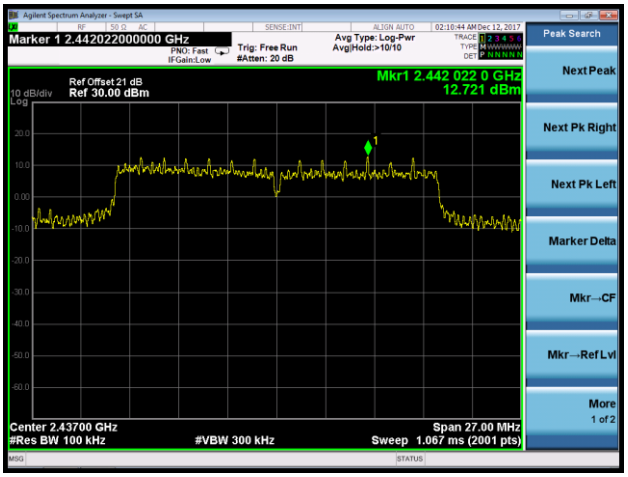
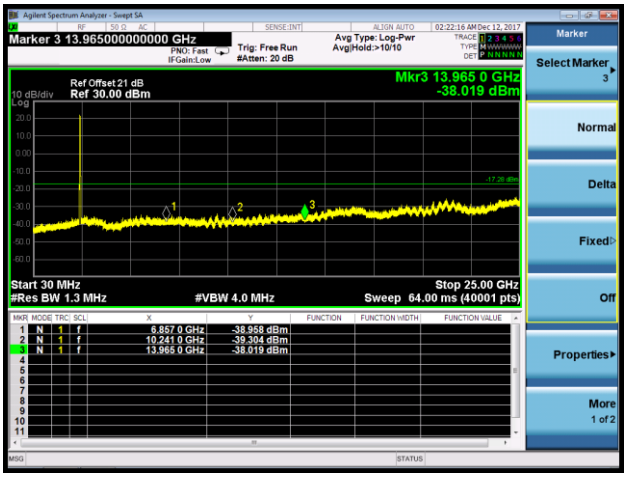
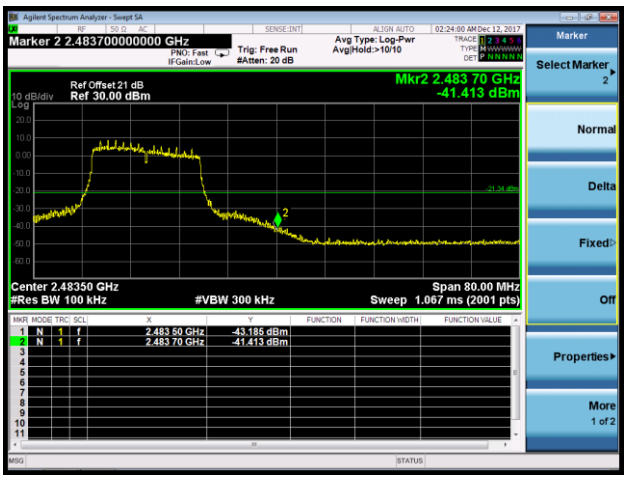
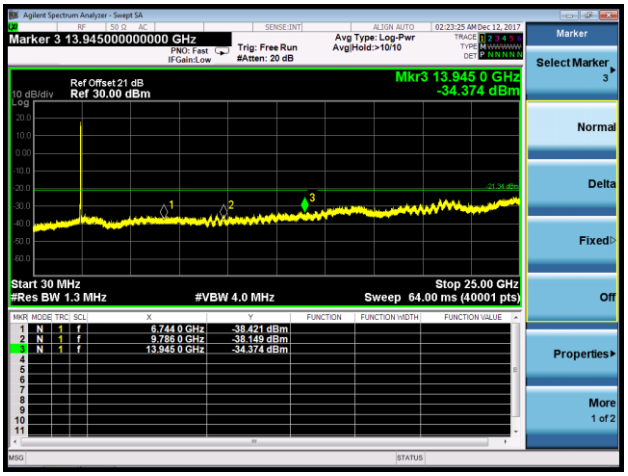
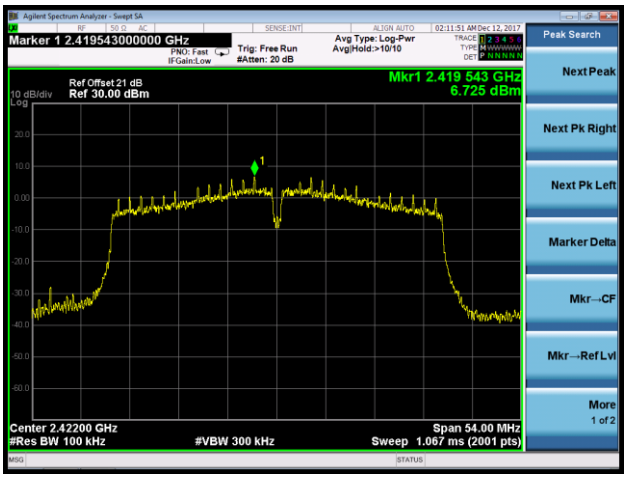
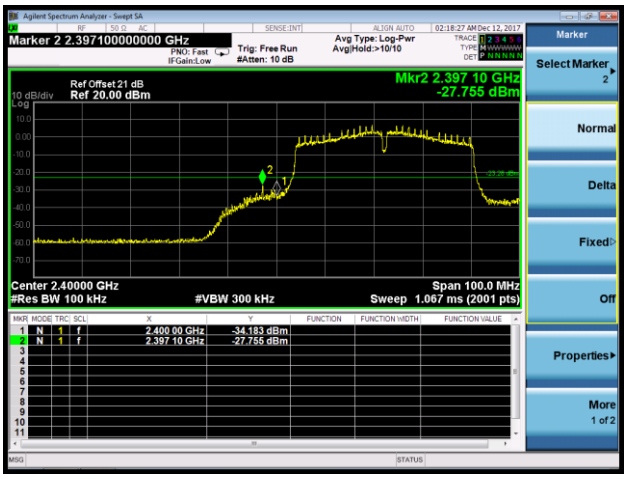
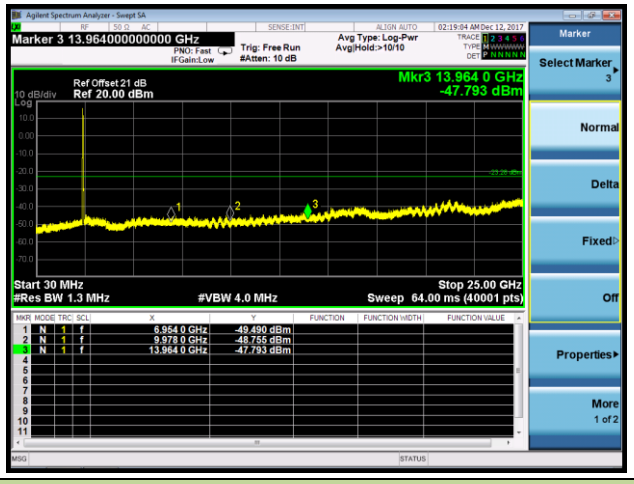
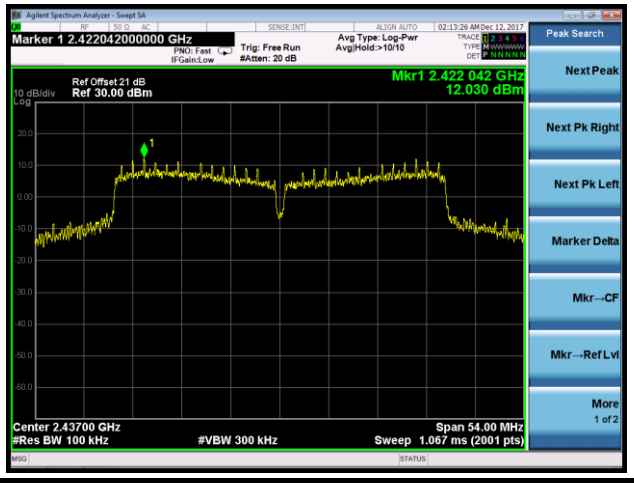
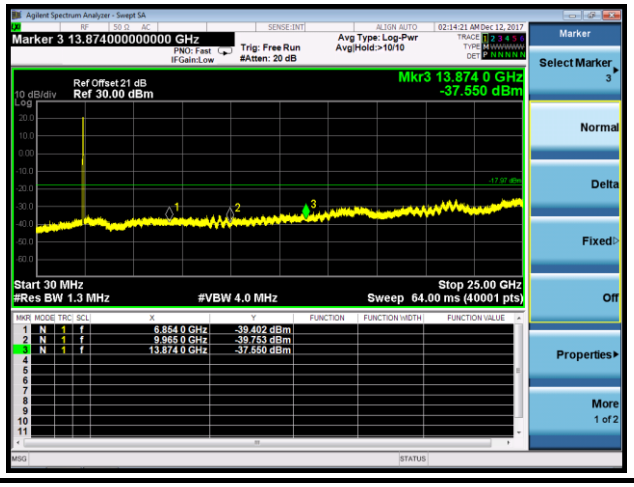
	

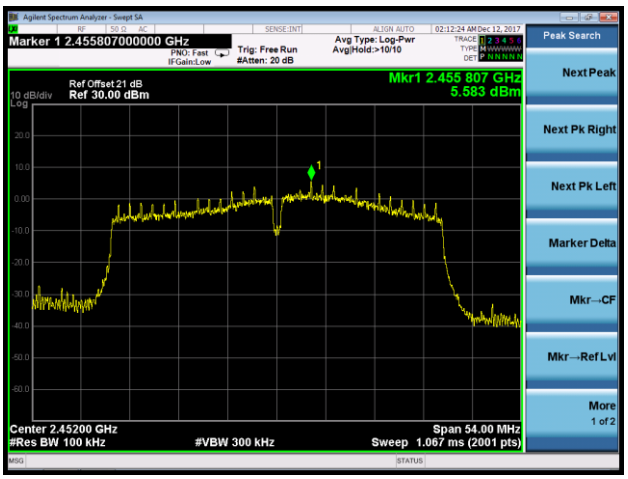
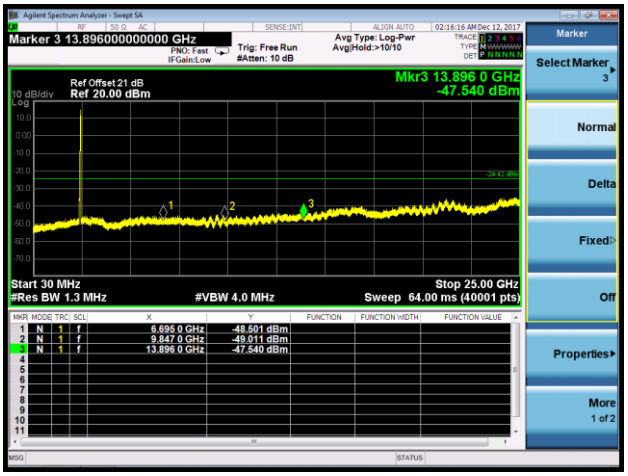
802.11g Out-of-Band Emissions - Ant 1	
Channel 01 (2412MHz)	
100kHz PSD reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
100kHz PSD reference Level	Spurious Emission
	

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

802.11n-HT20 Out-of-Band Emissions - Ant 1	
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 - Ant 1	
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

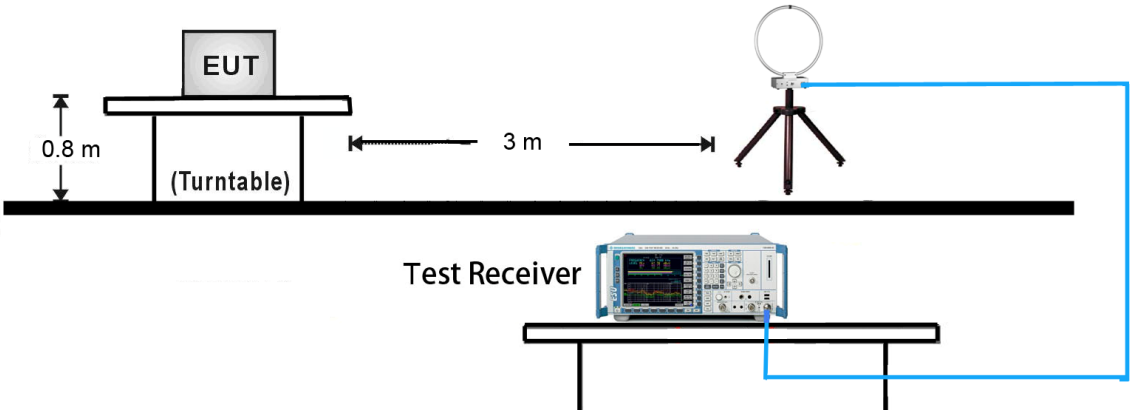
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

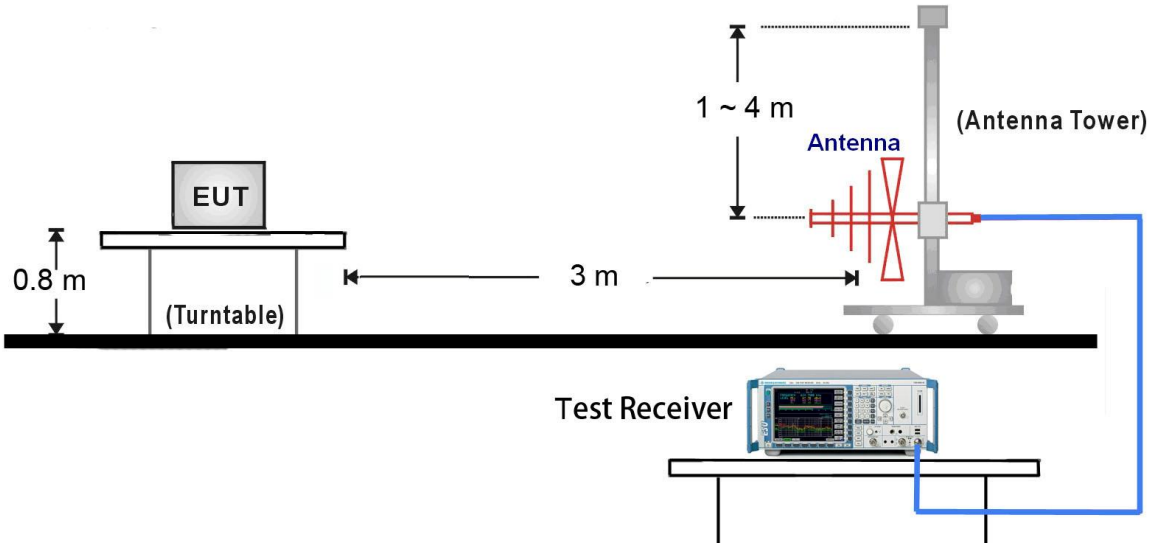
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). 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

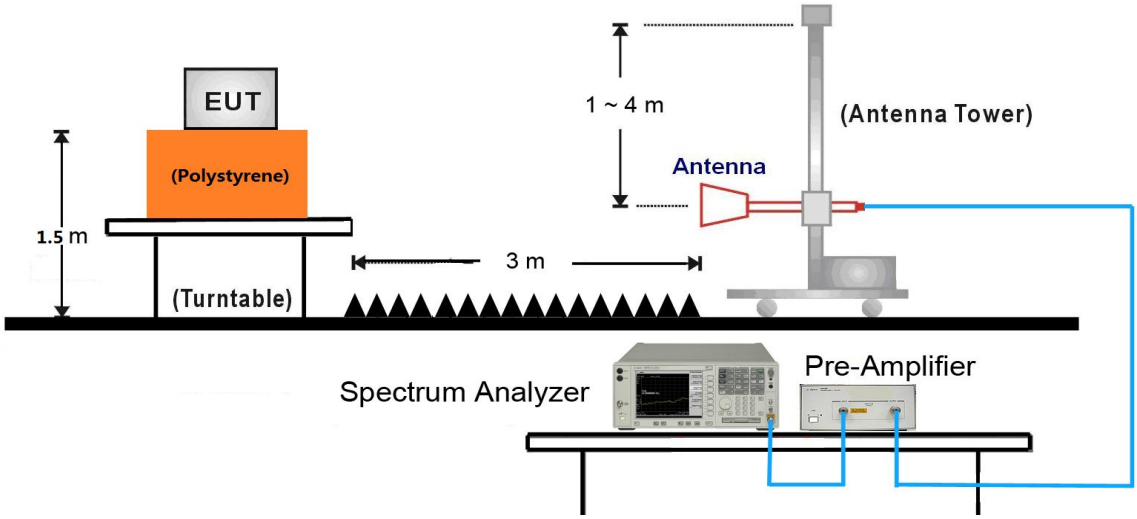
9kHz ~ 30MHz Test Setup:



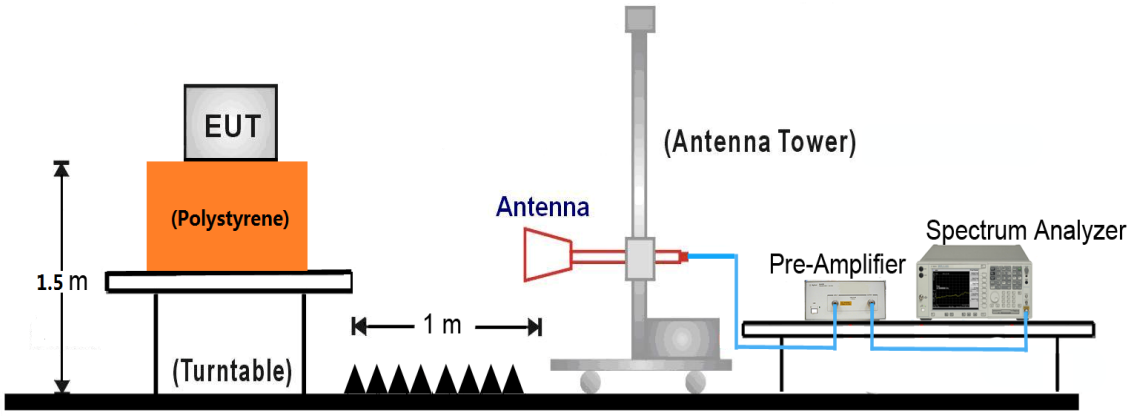
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~25GHz Test Setup:



7.6.5.Test Result

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 0	Test Channel:	01
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
	4825.0	38.1	3.7	41.8	74.0	-32.2	Peak	Horizontal
	7587.5	34.5	12.7	47.2	74.0	-26.8	Peak	Horizontal
*	8777.5	32.4	13.9	46.3	87.1	-40.8	Peak	Horizontal
*	10231.0	33.8	16.4	50.2	87.1	-36.9	Peak	Horizontal
	4825.0	44.6	3.7	48.3	74.0	-25.7	Peak	Vertical
	7443.0	33.8	12.7	46.5	74.0	-27.5	Peak	Vertical
*	8854.0	31.6	14.0	45.6	87.1	-41.5	Peak	Vertical
*	10324.5	32.9	16.7	49.6	87.1	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 0	Test Channel:	06
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
	4876.0	38.9	3.7	42.6	74.0	-31.4	Peak	Horizontal
	7460.0	34.0	12.8	46.8	74.0	-27.2	Peak	Horizontal
*	8854.0	31.0	14.0	45.0	86.6	-41.6	Peak	Horizontal
*	10350.0	32.8	16.8	49.6	86.6	-37.0	Peak	Horizontal
	4876.0	41.1	3.7	44.8	74.0	-29.2	Peak	Vertical
	7460.0	34.0	12.8	46.8	74.0	-27.2	Peak	Vertical
*	8862.5	32.0	14.0	46.0	86.6	-40.6	Peak	Vertical
*	10103.5	34.0	15.7	49.7	86.6	-36.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 0	Test Channel:	11
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
	7477.0	34.7	12.8	47.5	74.0	-26.5	Peak	Horizontal
	8276.0	33.5	11.9	45.4	74.0	-28.6	Peak	Horizontal
*	9916.5	34.1	15.3	49.4	86.3	-36.9	Peak	Horizontal
*	12866.0	33.1	19.3	52.4	86.3	-33.9	Peak	Horizontal
	4927.0	38.2	3.7	41.9	74.0	-32.1	Peak	Vertical
	7451.5	33.5	12.8	46.3	74.0	-27.7	Peak	Vertical
*	8769.0	31.4	13.9	45.3	86.3	-41.0	Peak	Vertical
*	10239.5	33.7	16.4	50.1	86.3	-36.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.3dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 0	Test Channel:	01
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
	7528.0	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	8378.0	34.0	12.1	46.1	74.0	-27.9	Peak	Horizontal
*	10248.0	33.7	16.4	50.1	85.5	-35.4	Peak	Horizontal
*	12747.0	32.1	18.9	51.0	85.5	-34.5	Peak	Horizontal
	4813.0	35.3	3.7	39.0	54.0	-15.0	Peak	Vertical
	4816.5	46.0	3.7	49.7	74.0	-24.3	Peak	Vertical
*	7502.5	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
*	8845.5	33.1	14.0	47.1	85.5	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.5dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 0	Test Channel:	06
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
	7417.5	34.2	12.6	46.8	74.0	-27.2	Peak	Horizontal
	8378.0	34.3	12.1	46.4	74.0	-27.6	Peak	Horizontal
*	9729.5	34.4	14.7	49.1	84.5	-35.4	Peak	Horizontal
*	12840.5	31.4	19.2	50.6	84.5	-33.9	Peak	Horizontal
	7434.5	33.5	12.7	46.2	74.0	-27.8	Peak	Vertical
	8276.0	34.1	11.9	46.0	74.0	-28.0	Peak	Vertical
*	9993.0	33.0	15.4	48.4	84.5	-36.1	Peak	Vertical
*	12900.0	31.9	19.5	51.4	84.5	-33.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 0	Test Channel:	11
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
	7613.0	34.9	12.6	47.5	74.0	-26.5	Peak	Horizontal
	8242.0	34.2	11.9	46.1	74.0	-27.9	Peak	Horizontal
*	9882.5	34.8	15.6	50.4	83.4	-33.0	Peak	Horizontal
*	13036.0	33.3	20.0	53.3	83.4	-30.1	Peak	Horizontal
	7400.5	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical
	8471.5	33.5	12.6	46.1	74.0	-27.9	Peak	Vertical
*	10010.0	34.5	15.4	49.9	83.4	-33.5	Peak	Vertical
*	12976.5	30.6	19.8	50.4	83.4	-33.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0	Test Channel:	01
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
	7443.0	34.5	12.7	47.2	74.0	-26.8	Peak	Horizontal
	8403.5	34.2	12.2	46.4	74.0	-27.6	Peak	Horizontal
*	9916.5	33.7	15.3	49.0	85.1	-36.1	Peak	Horizontal
*	12900.0	32.8	19.5	52.3	85.1	-32.8	Peak	Horizontal
	4812.7	34.7	3.7	38.4	54.0	-15.6	Peak	Vertical
	4816.5	45.5	3.7	49.2	74.0	-24.8	Peak	Vertical
*	7519.5	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical
*	8777.5	32.8	13.9	46.7	85.1	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.1dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0	Test Channel:	06
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
	7392.0	32.7	12.6	45.3	74.0	-28.7	Peak	Horizontal
	8386.5	33.7	12.1	45.8	74.0	-28.2	Peak	Horizontal
*	9950.5	32.5	15.3	47.8	84.6	-36.8	Peak	Horizontal
*	12806.5	33.0	19.1	52.1	84.6	-32.5	Peak	Horizontal
	7553.5	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
	8276.0	33.6	11.9	45.5	74.0	-28.5	Peak	Vertical
*	9899.5	33.9	15.4	49.3	84.6	-35.3	Peak	Vertical
*	12900.0	32.2	19.5	51.7	84.6	-32.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.6BμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0	Test Channel:	11
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
	7689.5	35.2	12.4	47.6	74.0	-26.4	Peak	Horizontal
	8446.0	35.0	12.5	47.5	74.0	-26.5	Peak	Horizontal
*	9814.5	33.6	15.4	49.0	83.4	-34.4	Peak	Horizontal
*	12900.0	32.2	19.5	51.7	83.4	-31.7	Peak	Horizontal
	7434.5	33.7	12.7	46.4	74.0	-27.6	Peak	Vertical
	8420.5	33.3	12.3	45.6	74.0	-28.4	Peak	Vertical
*	9772.0	33.7	14.9	48.6	83.4	-34.8	Peak	Vertical
*	12730.0	32.1	18.8	50.9	83.4	-32.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.4dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0	Test Channel:	03
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
	7511.0	34.2	12.8	47.0	74.0	-27.0	Peak	Horizontal
	8446.0	33.1	12.5	45.6	74.0	-28.4	Peak	Horizontal
*	9993.0	33.3	15.4	48.7	82.4	-33.7	Peak	Horizontal
*	12730.0	32.1	18.8	50.9	82.4	-31.5	Peak	Horizontal
	7511.0	34.2	12.8	47.0	74.0	-27.0	Peak	Vertical
	8284.5	33.5	11.9	45.4	74.0	-28.6	Peak	Vertical
*	9959.0	32.5	15.3	47.8	82.4	-34.6	Peak	Vertical
*	12891.5	31.2	19.4	50.6	82.4	-31.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.4dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0	Test Channel:	06
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
	7443.0	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
	8429.0	33.7	12.4	46.1	74.0	-27.9	Peak	Horizontal
*	10061.0	32.6	15.6	48.2	80.6	-32.4	Peak	Horizontal
*	12891.5	31.2	19.4	50.6	80.6	-30.0	Peak	Horizontal
	7443.0	34.8	12.7	47.5	74.0	-26.5	Peak	Vertical
	8352.5	33.3	12.0	45.3	74.0	-28.7	Peak	Vertical
*	9814.5	32.6	15.4	48.0	80.6	-32.6	Peak	Vertical
*	12951.0	31.3	19.7	51.0	80.6	-29.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.6dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0	Test Channel:	09
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
	7332.5	33.4	12.4	45.8	74.0	-28.2	Peak	Horizontal
	8429.0	32.7	12.4	45.1	74.0	-28.9	Peak	Horizontal
*	10035.5	33.6	15.5	49.1	79.8	-30.7	Peak	Horizontal
*	12951.0	31.3	19.7	51.0	79.8	-28.8	Peak	Horizontal
	7332.5	33.4	12.4	45.8	74.0	-28.2	Peak	Vertical
	8276.0	33.6	11.9	45.5	74.0	-28.5	Peak	Vertical
*	9865.5	31.7	16.0	47.7	79.8	-32.1	Peak	Vertical
*	12866.0	31.3	19.3	50.6	79.8	-29.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (109.8dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 1	Test Channel:	01
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
	7494.0	33.5	12.8	46.3	74.0	-27.7	Peak	Horizontal
	8420.5	33.9	12.3	46.2	74.0	-27.8	Peak	Horizontal
*	10044.0	32.9	15.5	48.4	86.9	-38.5	Peak	Horizontal
*	12866.0	31.3	19.3	50.6	86.9	-36.3	Peak	Horizontal
	4825.0	41.2	3.7	44.9	74.0	-29.1	Peak	Vertical
	7426.0	34.2	12.7	46.9	74.0	-27.1	Peak	Vertical
*	8607.5	34.3	13.5	47.8	86.9	-39.1	Peak	Vertical
*	10027.0	34.1	15.4	49.5	86.9	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.9dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 1	Test Channel:	06
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
	4876.0	41.2	3.7	44.9	74.0	-29.1	Peak	Horizontal
	7307.0	34.3	12.3	46.6	74.0	-27.4	Peak	Horizontal
*	8769.0	33.6	13.9	47.5	86.8	-39.3	Peak	Horizontal
*	10078.0	33.3	15.6	48.9	86.8	-37.9	Peak	Horizontal
	4876.0	39.6	3.7	43.3	74.0	-30.7	Peak	Vertical
	7375.0	32.5	12.5	45.0	74.0	-29.0	Peak	Vertical
*	8845.5	31.9	14.0	45.9	86.8	-40.9	Peak	Vertical
*	10214.0	33.4	16.3	49.7	86.8	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 1	Test Channel:	11
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
	7349.5	33.3	12.4	45.7	74.0	-28.3	Peak	Horizontal
	8446.0	33.2	12.5	45.7	74.0	-28.3	Peak	Horizontal
*	10061.0	32.7	15.6	48.3	86.7	-38.4	Peak	Horizontal
*	12781.0	31.5	19.0	50.5	86.7	-36.2	Peak	Horizontal
	7579.0	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
	8352.5	35.1	12.0	47.1	74.0	-26.9	Peak	Vertical
*	9857.0	31.8	16.2	48.0	86.7	-38.7	Peak	Vertical
*	12934.0	31.1	19.6	50.7	86.7	-36.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.7dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 1	Test Channel:	01
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
	7400.5	32.9	12.6	45.5	74.0	-28.5	Peak	Horizontal
	8454.5	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
*	9899.5	33.4	15.4	48.8	85.9	-37.1	Peak	Horizontal
*	12925.5	32.5	19.6	52.1	85.9	-33.8	Peak	Horizontal
	4808.0	41.1	3.7	44.8	74.0	-29.2	Peak	Vertical
	7528.0	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
*	8888.0	32.4	14.0	46.4	85.9	-39.5	Peak	Vertical
*	10120.5	33.1	15.8	48.9	85.9	-37.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 1	Test Channel:	06
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
	7511.0	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
	8437.5	34.6	12.4	47.0	74.0	-27.0	Peak	Horizontal
*	10001.5	34.2	15.4	49.6	86.0	-36.4	Peak	Horizontal
*	12891.5	31.6	19.4	51.0	86.0	-35.0	Peak	Horizontal
	7545.0	34.7	12.8	47.5	74.0	-26.5	Peak	Vertical
	8293.0	34.0	11.9	45.9	74.0	-28.1	Peak	Vertical
*	9857.0	32.3	16.2	48.5	86.0	-37.5	Peak	Vertical
*	12900.0	31.7	19.5	51.2	86.0	-34.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 1	Test Channel:	11
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
	7477.0	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
	8471.5	33.8	12.6	46.4	74.0	-27.6	Peak	Horizontal
*	9942.0	32.7	15.3	48.0	86.0	-38.0	Peak	Horizontal
*	12951.0	31.1	19.7	50.8	86.0	-35.2	Peak	Horizontal
	7502.5	34.0	12.8	46.8	74.0	-27.2	Peak	Vertical
	8276.0	32.9	11.9	44.8	74.0	-29.2	Peak	Vertical
*	9865.5	32.3	16.0	48.3	86.0	-37.7	Peak	Vertical
*	12840.5	30.8	19.2	50.0	86.0	-36.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.0dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 1	Test Channel:	01
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
	7426.0	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
	8259.0	34.8	11.9	46.7	74.0	-27.3	Peak	Horizontal
*	10001.5	32.7	15.4	48.1	83.5	-35.4	Peak	Horizontal
*	12840.5	30.8	19.2	50.0	83.5	-33.5	Peak	Horizontal
	4808.0	41.3	3.7	45.0	74.0	-29.0	Peak	Vertical
	7494.0	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
*	8701.0	32.9	13.8	46.7	83.5	-36.8	Peak	Vertical
*	10307.5	32.3	16.6	48.9	83.5	-34.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.5dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 1	Test Channel:	06
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
	7307.0	33.9	12.3	46.2	74.0	-27.8	Peak	Horizontal
	8191.0	35.2	12.0	47.2	74.0	-26.8	Peak	Horizontal
*	9704.0	32.5	14.6	47.1	83.0	-35.9	Peak	Horizontal
*	12721.5	31.9	18.8	50.7	83.0	-32.3	Peak	Horizontal
	7528.0	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	8352.5	33.3	12.0	45.3	74.0	-28.7	Peak	Vertical
*	9959.0	32.3	15.3	47.6	83.0	-35.4	Peak	Vertical
*	12840.5	31.3	19.2	50.5	83.0	-32.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.0dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 1	Test Channel:	11
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
	7528.0	34.2	12.8	47.0	74.0	-27.0	Peak	Horizontal
	8165.5	34.5	12.1	46.6	74.0	-27.4	Peak	Horizontal
*	10027.0	32.6	15.4	48.0	82.5	-34.5	Peak	Horizontal
*	12823.5	32.5	19.2	51.7	82.5	-30.8	Peak	Horizontal
	7392.0	34.1	12.6	46.7	74.0	-27.3	Peak	Vertical
	8199.5	33.6	12.0	45.6	74.0	-28.4	Peak	Vertical
*	9959.0	32.5	15.3	47.8	82.5	-34.7	Peak	Vertical
*	12730.0	30.7	18.8	49.5	82.5	-33.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.5dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 1	Test Channel:	03
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
	7502.5	34.5	12.8	47.3	74.0	-26.7	Peak	Horizontal
	8369.5	34.0	12.1	46.1	74.0	-27.9	Peak	Horizontal
*	9942.0	33.2	15.3	48.5	80.6	-32.1	Peak	Horizontal
*	12874.5	31.9	19.3	51.2	80.6	-29.4	Peak	Horizontal
	7366.5	33.8	12.5	46.3	74.0	-27.7	Peak	Vertical
	8471.5	32.4	12.6	45.0	74.0	-29.0	Peak	Vertical
*	9942.0	32.7	15.3	48.0	80.6	-32.6	Peak	Vertical
*	12891.5	30.7	19.4	50.1	80.6	-30.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.6dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 1	Test Channel:	06
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
	7392.0	34.7	12.6	47.3	74.0	-26.7	Peak	Horizontal
	8378.0	34.1	12.1	46.2	74.0	-27.8	Peak	Horizontal
*	9908.0	33.0	15.3	48.3	80.5	-32.2	Peak	Horizontal
*	12849.0	31.0	19.2	50.2	80.5	-30.3	Peak	Horizontal
	7426.0	34.5	12.7	47.2	74.0	-26.8	Peak	Vertical
	8148.5	34.9	12.1	47.0	74.0	-27.0	Peak	Vertical
*	9942.0	33.0	15.3	48.3	80.5	-32.2	Peak	Vertical
*	12891.5	31.6	19.4	51.0	80.5	-29.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.5dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 1	Test Channel:	09
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
	7502.5	34.2	12.8	47.0	74.0	-27.0	Peak	Horizontal
	8463.0	33.8	12.6	46.4	74.0	-27.6	Peak	Horizontal
*	9865.5	32.1	16.0	48.1	80.0	-31.9	Peak	Horizontal
*	12849.0	30.5	19.2	49.7	80.0	-30.3	Peak	Horizontal
	7349.5	34.3	12.4	46.7	74.0	-27.3	Peak	Vertical
	8276.0	33.9	11.9	45.8	74.0	-28.2	Peak	Vertical
*	9950.5	32.8	15.3	48.1	80.0	-31.9	Peak	Vertical
*	12866.0	32.4	19.3	51.7	80.0	-28.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.0dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 0 + 1 (CDD Mode)	Test Channel:	01
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
	7528.0	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
	8276.0	33.6	11.9	45.5	74.0	-28.5	Peak	Horizontal
*	9865.5	31.8	16.0	47.8	81.1	-33.3	Peak	Horizontal
*	12866.0	32.4	19.3	51.7	81.1	-29.4	Peak	Horizontal
	4825.0	43.7	3.7	47.4	74.0	-26.6	Peak	Vertical
	7400.5	34.0	12.6	46.6	74.0	-27.4	Peak	Vertical
*	8913.5	32.4	14.0	46.4	81.1	-34.7	Peak	Vertical
*	10052.5	33.2	15.5	48.7	81.1	-32.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.1dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 0 + 1 (CDD Mode)	Test Channel:	06
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
	4876.0	40.2	3.7	43.9	74.0	-30.1	Peak	Horizontal
	7528.0	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
*	8888.0	33.4	14.0	47.4	80.1	-32.7	Peak	Horizontal
*	10239.5	33.3	16.4	49.7	80.1	-30.4	Peak	Horizontal
	4876.0	41.3	3.7	45.0	74.0	-29.0	Peak	Vertical
	7536.5	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
*	8675.5	32.8	13.7	46.5	80.1	-33.6	Peak	Vertical
*	10214.0	32.3	16.3	48.6	80.1	-31.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.1dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11b - Ant 0 + 1 (CDD Mode)	Test Channel:	11
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
	7426.0	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
	8454.5	34.7	12.5	47.2	74.0	-26.8	Peak	Horizontal
*	9882.5	34.3	15.6	49.9	80.1	-30.2	Peak	Horizontal
*	12900.0	32.3	19.5	51.8	80.1	-28.3	Peak	Horizontal
	4927.0	39.4	3.7	43.1	74.0	-30.9	Peak	Vertical
	7400.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical
*	8709.5	33.0	13.8	46.8	80.1	-33.3	Peak	Vertical
*	10231.0	32.2	16.4	48.6	80.1	-31.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.1dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 0 + 1 (CDD Mode)	Test Channel:	01
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
	7341.0	34.8	12.4	47.2	74.0	-26.8	Peak	Horizontal
	8344.0	34.1	12.0	46.1	74.0	-27.9	Peak	Horizontal
*	9899.5	33.3	15.4	48.7	89.2	-40.5	Peak	Horizontal
*	12823.5	31.0	19.2	50.2	89.2	-39.0	Peak	Horizontal
	4816.5	43.2	3.7	46.9	74.0	-27.1	Peak	Vertical
	7528.0	35.3	12.8	48.1	74.0	-25.9	Peak	Vertical
*	8786.0	32.7	13.9	46.6	89.2	-42.6	Peak	Vertical
*	10137.5	34.0	15.9	49.9	89.2	-39.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.2dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 0 + 1 (CDD Mode)	Test Channel:	06
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
	7417.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
	8446.0	34.6	12.5	47.1	74.0	-26.9	Peak	Horizontal
*	9840.0	33.6	16.0	49.6	88.8	-39.2	Peak	Horizontal
*	12951.0	31.4	19.7	51.1	88.8	-37.7	Peak	Horizontal
	7400.5	34.3	12.6	46.9	74.0	-27.1	Peak	Vertical
	8276.0	33.5	11.9	45.4	74.0	-28.6	Peak	Vertical
*	9950.5	33.1	15.3	48.4	88.8	-40.4	Peak	Vertical
*	12883.0	32.4	19.4	51.8	88.8	-37.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.8dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11g - Ant 0 + 1 (CDD Mode)	Test Channel:	11
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
	7332.5	33.5	12.4	45.9	74.0	-28.1	Peak	Horizontal
	8267.5	33.8	11.9	45.7	74.0	-28.3	Peak	Horizontal
*	9916.5	34.5	15.3	49.8	86.8	-37.0	Peak	Horizontal
*	12883.0	32.4	19.4	51.8	86.8	-35.0	Peak	Horizontal
	7332.5	33.5	12.4	45.9	74.0	-28.1	Peak	Vertical
	8386.5	34.0	12.1	46.1	74.0	-27.9	Peak	Vertical
*	9916.5	34.7	15.3	50.0	86.8	-36.8	Peak	Vertical
*	12925.5	32.6	19.6	52.2	86.8	-34.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	01
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
	7366.5	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
	8361.0	34.5	12.0	46.5	74.0	-27.5	Peak	Horizontal
*	10010.0	34.5	15.4	49.9	88.9	-39.0	Peak	Horizontal
*	12925.5	32.6	19.6	52.2	88.9	-36.7	Peak	Horizontal
	4808.0	43.0	3.7	46.7	74.0	-27.3	Peak	Vertical
	7689.5	34.9	12.4	47.3	74.0	-26.7	Peak	Vertical
*	8777.5	31.6	13.9	45.5	88.9	-43.4	Peak	Vertical
*	10299.0	32.8	16.6	49.4	88.9	-39.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (118.9dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	06
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
	7383.5	34.9	12.5	47.4	74.0	-26.6	Peak	Horizontal
	8310.0	32.7	11.9	44.6	74.0	-29.4	Peak	Horizontal
*	9959.0	32.3	15.3	47.6	86.9	-39.3	Peak	Horizontal
*	12781.0	31.4	19.0	50.4	86.9	-36.5	Peak	Horizontal
	7536.5	34.0	12.8	46.8	74.0	-27.2	Peak	Vertical
	8429.0	32.9	12.4	45.3	74.0	-28.7	Peak	Vertical
*	9865.5	31.5	16.0	47.5	86.9	-39.4	Peak	Vertical
*	12772.5	30.5	19.0	49.5	86.9	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.9dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	11
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
	7366.5	32.7	12.5	45.2	74.0	-28.8	Peak	Horizontal
	8480.0	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
*	9772.0	33.0	14.9	47.9	84.7	-36.8	Peak	Horizontal
*	12772.5	30.5	19.0	49.5	84.7	-35.2	Peak	Horizontal
	7366.5	32.7	12.5	45.2	74.0	-28.8	Peak	Vertical
	8463.0	32.9	12.6	45.5	74.0	-28.5	Peak	Vertical
*	10214.0	32.2	16.3	48.5	84.7	-36.2	Peak	Vertical
*	12840.5	31.6	19.2	50.8	84.7	-33.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.7dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	03
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
	7502.5	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	8412.0	33.4	12.3	45.7	74.0	-28.3	Peak	Horizontal
*	9942.0	32.9	15.3	48.2	82.9	-34.7	Peak	Horizontal
*	12789.5	30.6	19.0	49.6	82.9	-33.3	Peak	Horizontal
	7502.5	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical
	8242.0	33.5	11.9	45.4	74.0	-28.6	Peak	Vertical
*	9950.5	32.6	15.3	47.9	82.9	-35.0	Peak	Vertical
*	12891.5	32.5	19.4	51.9	82.9	-31.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.9dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	06
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
	7434.5	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
	8463.0	32.1	12.6	44.7	74.0	-29.3	Peak	Horizontal
*	9840.0	31.4	16.0	47.4	82.6	-35.2	Peak	Horizontal
*	12840.5	30.9	19.2	50.1	82.6	-32.5	Peak	Horizontal
	7511.0	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical
	8420.5	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical
*	10044.0	32.7	15.5	48.2	82.6	-34.4	Peak	Vertical
*	12866.0	32.0	19.3	51.3	82.6	-31.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.6dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	09
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
	7477.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	8437.5	33.1	12.4	45.5	74.0	-28.5	Peak	Horizontal
*	9950.5	32.6	15.3	47.9	82.4	-34.5	Peak	Horizontal
*	12900.0	31.7	19.5	51.2	82.4	-31.2	Peak	Horizontal
	7400.5	33.5	12.6	46.1	74.0	-27.9	Peak	Vertical
	8463.0	33.5	12.6	46.1	74.0	-27.9	Peak	Vertical
*	9882.5	33.5	15.6	49.1	82.4	-33.3	Peak	Vertical
*	12908.5	31.2	19.5	50.7	82.4	-31.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.4dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	01
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
	4799.5	38.2	3.7	41.9	74.0	-32.1	Peak	Horizontal
	7502.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	9602.0	35.2	14.4	49.6	88.3	-38.7	Peak	Horizontal
*	13070.0	32.6	20.0	52.6	88.3	-35.7	Peak	Horizontal
	4808.0	44.3	3.7	48.0	74.0	-26.0	Peak	Vertical
	7511.0	35.2	12.8	48.0	74.0	-26.0	Peak	Vertical
*	9729.5	35.3	14.7	50.0	88.3	-38.3	Peak	Vertical
*	13954.0	32.9	22.5	55.4	88.3	-32.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.3dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	06
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
	4952.5	37.8	3.7	41.5	74.0	-32.5	Peak	Horizontal
	7519.5	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	9942.0	36.3	15.3	51.6	89.8	-38.2	Peak	Horizontal
*	13724.5	33.6	22.0	55.6	89.8	-34.2	Peak	Horizontal
	4876.0	39.0	3.7	42.7	74.0	-31.3	Peak	Vertical
	7536.5	36.1	12.8	48.9	74.0	-25.1	Peak	Vertical
*	9746.5	35.1	14.8	49.9	89.8	-39.9	Peak	Vertical
*	13716.0	33.3	22.0	55.3	89.8	-34.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.8dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	11
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
	5046.0	38.4	4.0	42.4	74.0	-31.6	Peak	Horizontal
	7366.5	35.1	12.5	47.6	74.0	-26.4	Peak	Horizontal
*	9857.0	35.8	16.2	52.0	82.9	-30.9	Peak	Horizontal
*	13818.0	33.1	22.1	55.2	82.9	-27.7	Peak	Horizontal
	5003.5	38.7	3.8	42.5	74.0	-31.5	Peak	Vertical
	7426.0	35.1	12.7	47.8	74.0	-26.2	Peak	Vertical
*	9746.5	35.3	14.8	50.1	82.9	-32.8	Peak	Vertical
*	13954.0	33.2	22.5	55.7	82.9	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.9dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	03
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
	4604.0	38.0	3.2	41.2	74.0	-32.8	Peak	Horizontal
	7536.5	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	9857.0	34.2	16.2	50.4	85.8	-35.4	Peak	Horizontal
*	13801.0	33.6	22.1	55.7	85.8	-30.1	Peak	Horizontal
	4646.5	38.4	3.4	41.8	74.0	-32.2	Peak	Vertical
	7494.0	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical
*	10146.0	35.7	16.0	51.7	85.8	-34.1	Peak	Vertical
*	13741.5	33.4	22.0	55.4	85.8	-30.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.8dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	06
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
	4663.5	38.2	3.4	41.6	74.0	-32.4	Peak	Horizontal
	7528.0	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	9772.0	35.0	14.9	49.9	82.3	-32.4	Peak	Horizontal
*	13835.0	32.7	22.2	54.9	82.3	-27.4	Peak	Horizontal
	4655.0	38.6	3.4	42.0	74.0	-32.0	Peak	Vertical
	7528.0	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical
*	9704.0	35.4	14.6	50.0	82.3	-32.3	Peak	Vertical
*	14022.0	32.8	22.7	55.5	82.3	-26.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.3dBμV/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)

Product	AC220m Wi-Fi module OD US	Temperature	26°C
Test Engineer	Peter Xu	Relative Humidity	56%
Test Site	AC1	Test Date	2017/12/12
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	09
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
	4655.0	37.7	3.4	41.1	74.0	-32.9	Peak	Horizontal
	7434.5	35.6	12.7	48.3	74.0	-25.7	Peak	Horizontal
*	9712.5	35.0	14.7	49.7	83.1	-33.4	Peak	Horizontal
*	13835.0	32.8	22.2	55.0	83.1	-28.1	Peak	Horizontal
	4638.0	38.7	3.3	42.0	74.0	-32.0	Peak	Vertical
	7477.0	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
*	9780.5	34.6	14.9	49.5	83.1	-33.6	Peak	Vertical
*	13733.0	32.2	22.0	54.2	83.1	-28.9	Peak	Vertical

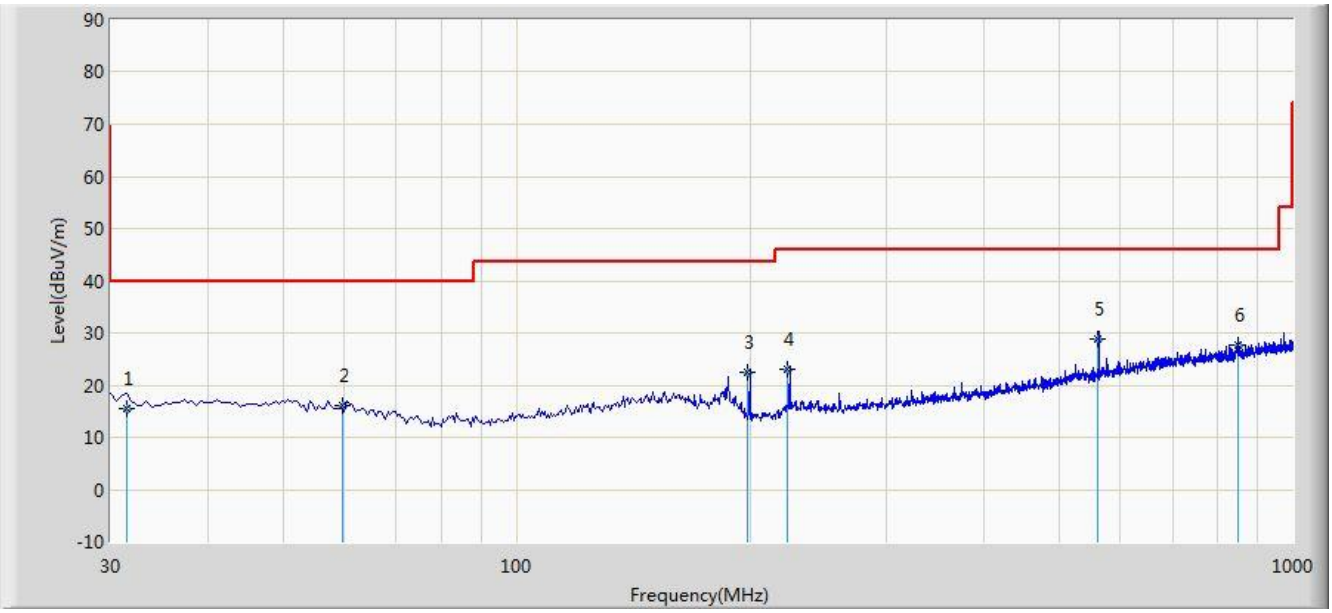
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.1dBμV/m) or 15.209 which is higher.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2017/12/19 - 22:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: VULB9162_0.03GHz_8GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Worst Case: Transmit by 802.11b at Channel 2412MHz	



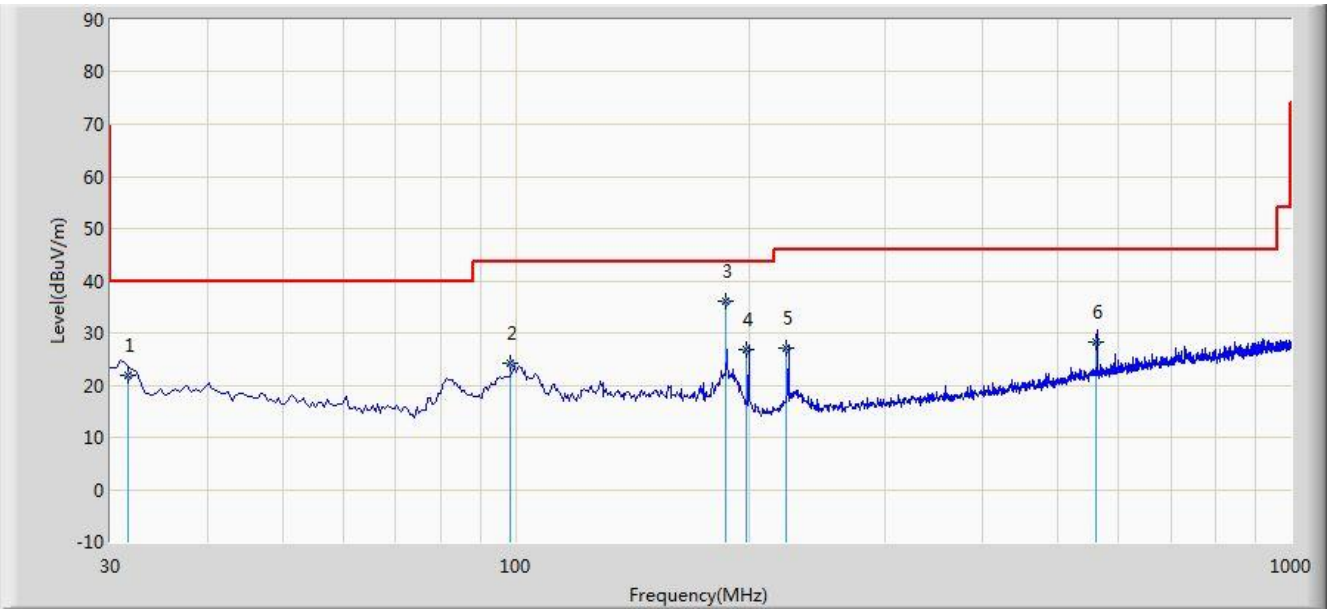
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			31.452	15.429	3.125	-24.571	40.000	12.305	QP
2			59.684	16.092	2.125	-23.908	40.000	13.967	QP
3			198.650	22.570	10.200	-20.930	43.500	12.370	QP
4			223.560	22.941	10.012	-23.059	46.000	12.930	QP
5			561.260	28.886	9.256	-17.114	46.000	19.630	QP
6			848.620	27.539	3.650	-18.461	46.000	23.888	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: 2017/12/19 - 22:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: VULB9162_0.03GHz_8GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Worst Case: 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			31.595	22.010	9.680	-17.990	40.000	12.330	QP
2			98.562	24.232	11.356	-19.268	43.500	12.876	QP
3			186.560	36.224	24.600	-7.276	43.500	11.624	QP
4			198.265	26.928	14.565	-16.572	43.500	12.363	QP
5			223.100	27.108	14.200	-18.892	46.000	12.908	QP
6			560.000	28.199	8.595	-17.801	46.000	19.604	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 Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (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	8.25 - 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	156.52475-156.525	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])
13.36-13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR 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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.7.3.Test Setting

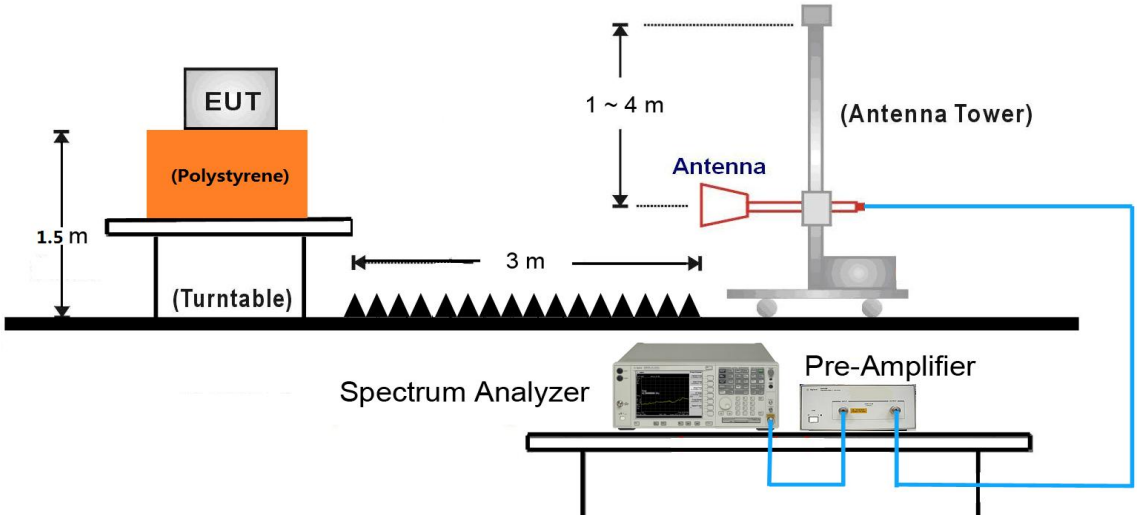
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

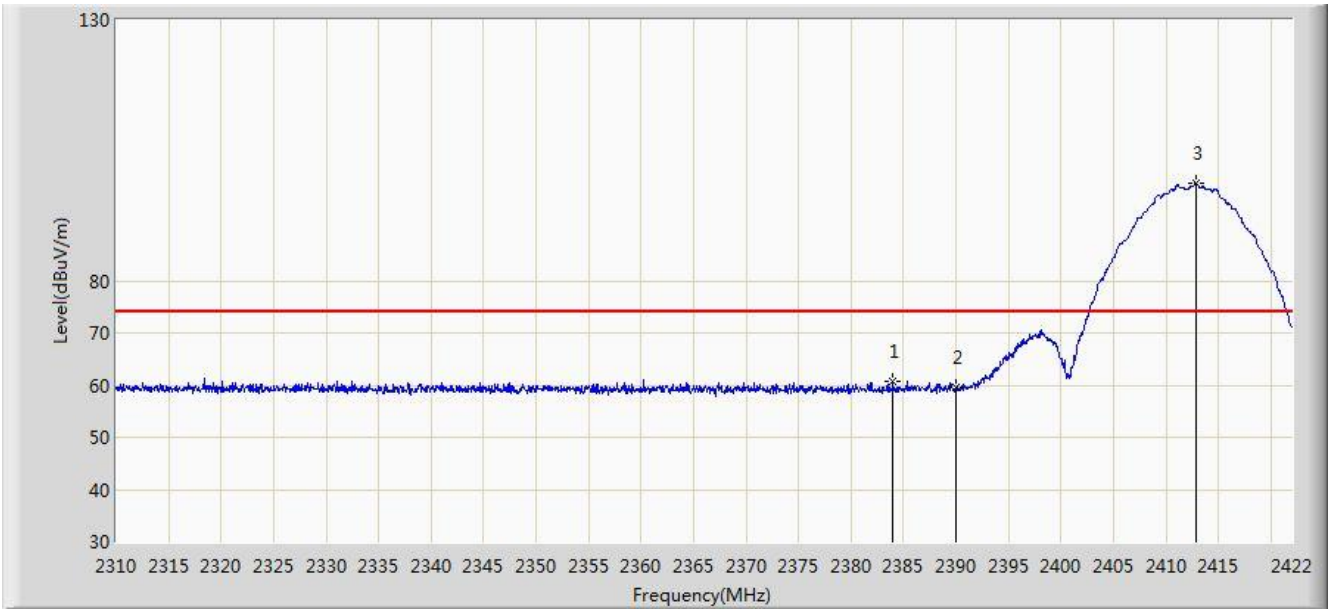
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). 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

7.7.4.Test Setup



7.7.5.Test Result

Site: AC1	Time: 2017/12/05 - 23:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

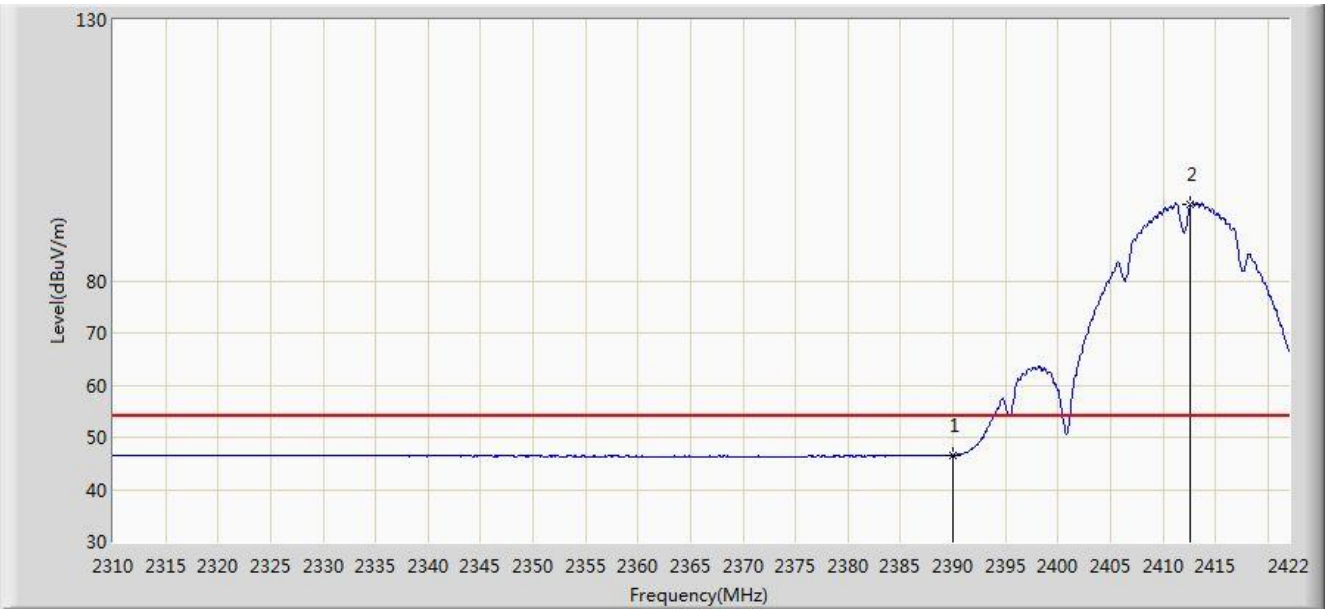


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.976	60.748	28.185	-13.252	74.000	32.563	PK
2			2390.000	59.540	26.986	-14.460	74.000	32.554	PK
3		*	2412.872	98.689	66.164	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2017/12/05 - 23:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

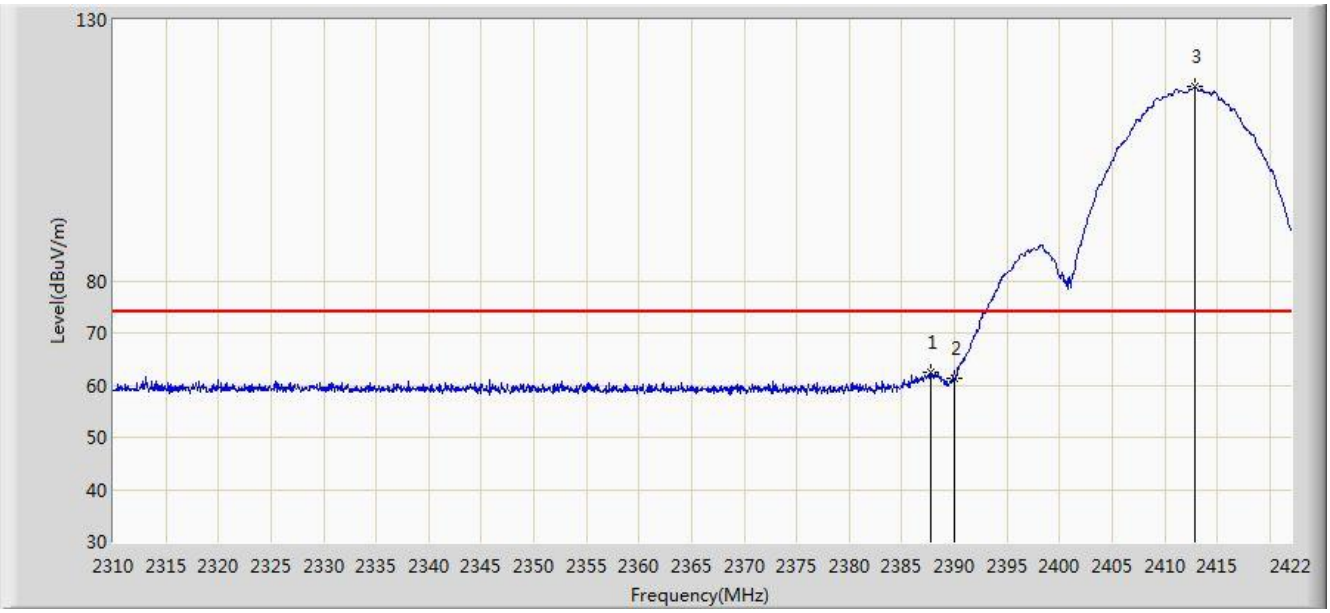


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.533	13.979	-7.467	54.000	32.554	AV
2		*	2412.648	94.771	62.246	N/A	N/A	32.525	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

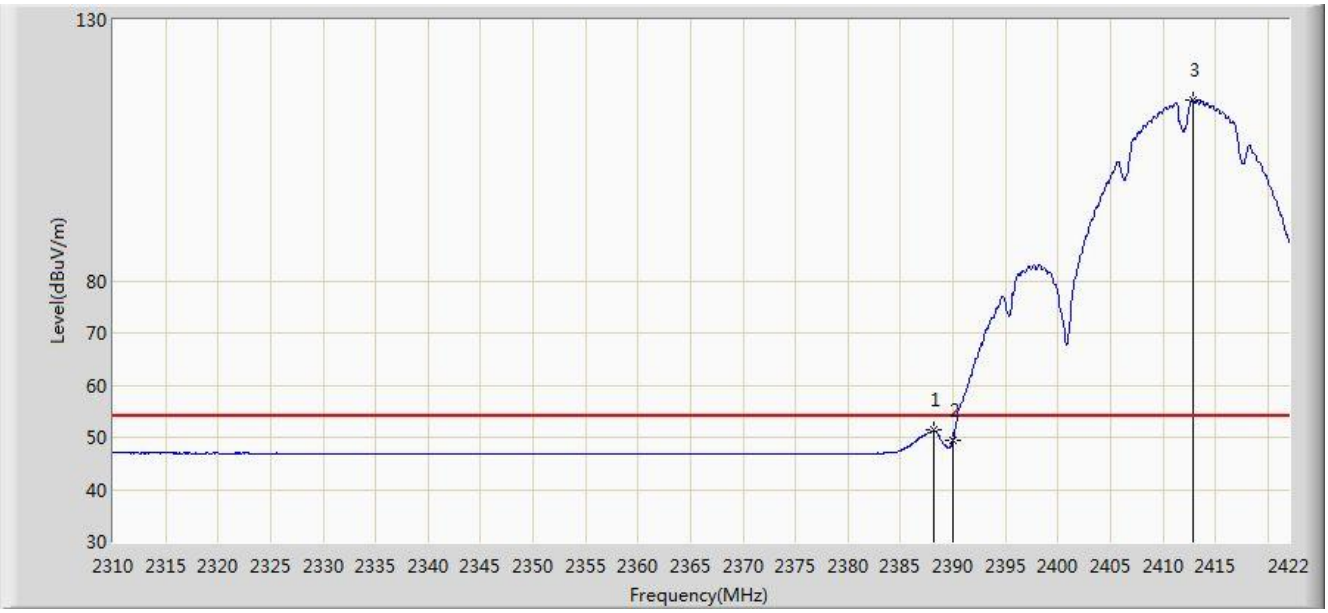


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.728	62.554	29.996	-11.446	74.000	32.557	PK
2			2390.000	61.177	28.623	-12.823	74.000	32.554	PK
3		*	2412.872	117.144	84.619	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2017/12/05 - 23:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0	

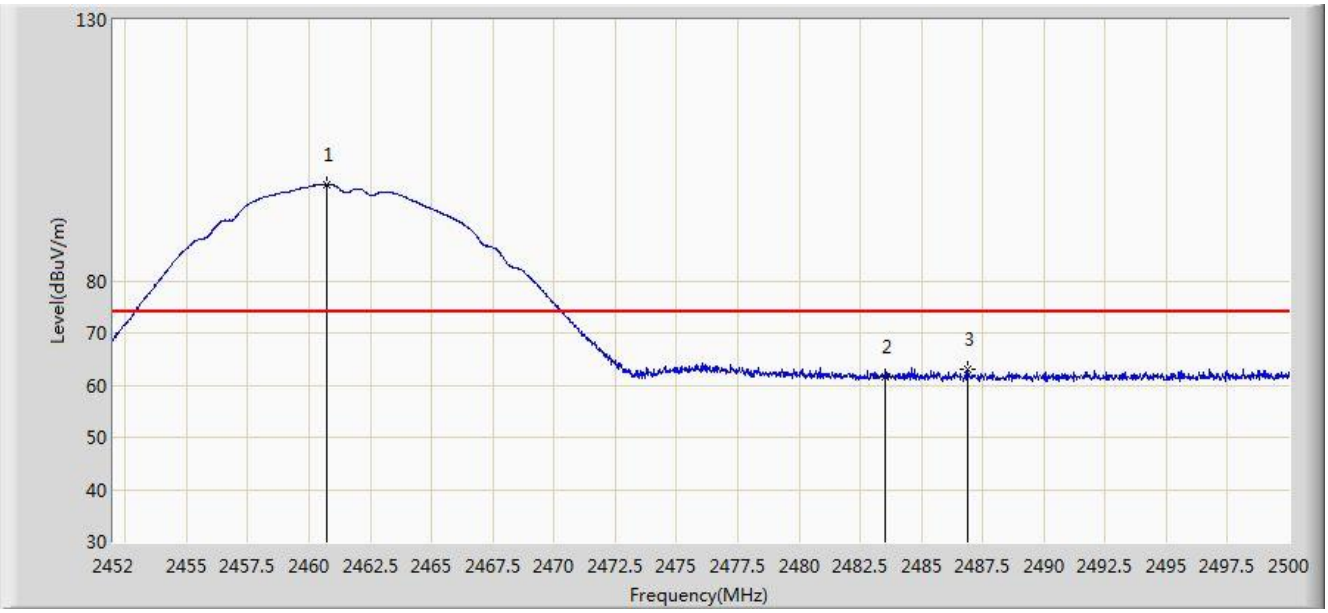


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.232	51.324	18.767	-2.676	54.000	32.557	AV
2			2390.000	49.440	16.886	-4.560	54.000	32.554	AV
3		*	2412.816	114.571	82.046	N/A	N/A	32.525	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	98.455	65.941	N/A	N/A	32.514	PK
2			2483.500	61.496	28.915	-12.504	74.000	32.580	PK
3			2486.872	63.103	30.512	-10.897	74.000	32.590	PK

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

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

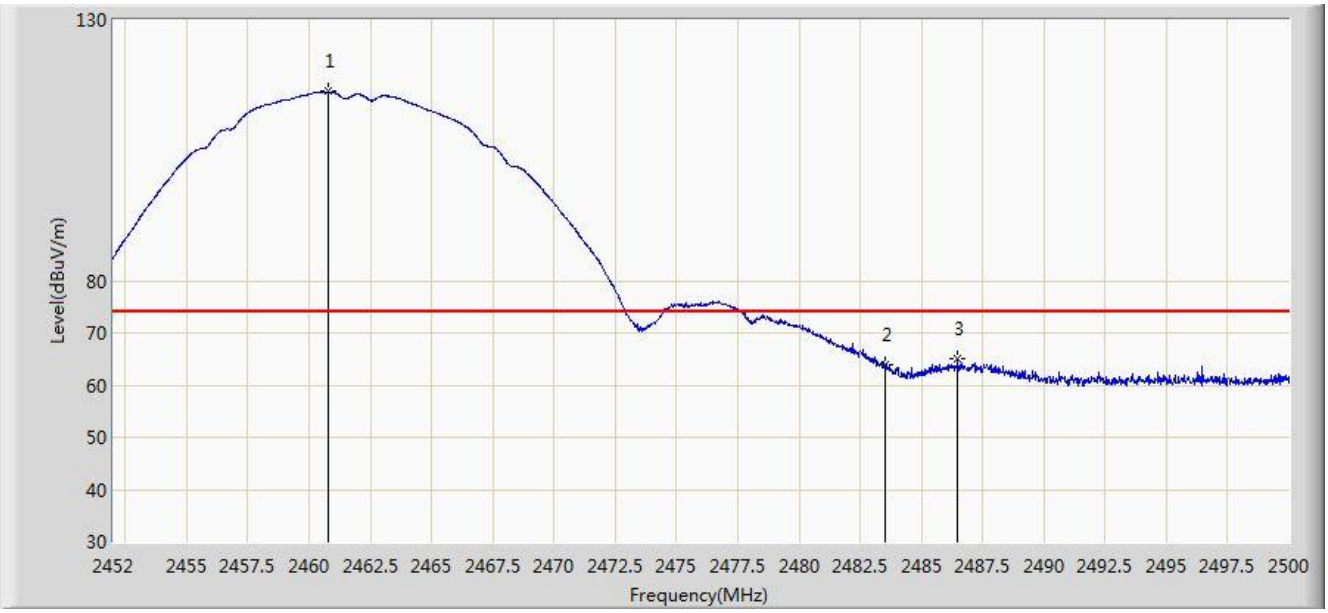
Site: AC1	Time: 2017/12/05 - 23:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	94.436	61.921	N/A	N/A	32.515	AV
2			2483.500	48.553	15.972	-5.447	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.760	116.271	83.757	N/A	N/A	32.514	PK
2			2483.500	63.848	31.267	-10.152	74.000	32.580	PK
3			2486.488	65.136	32.546	-8.864	74.000	32.590	PK

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

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

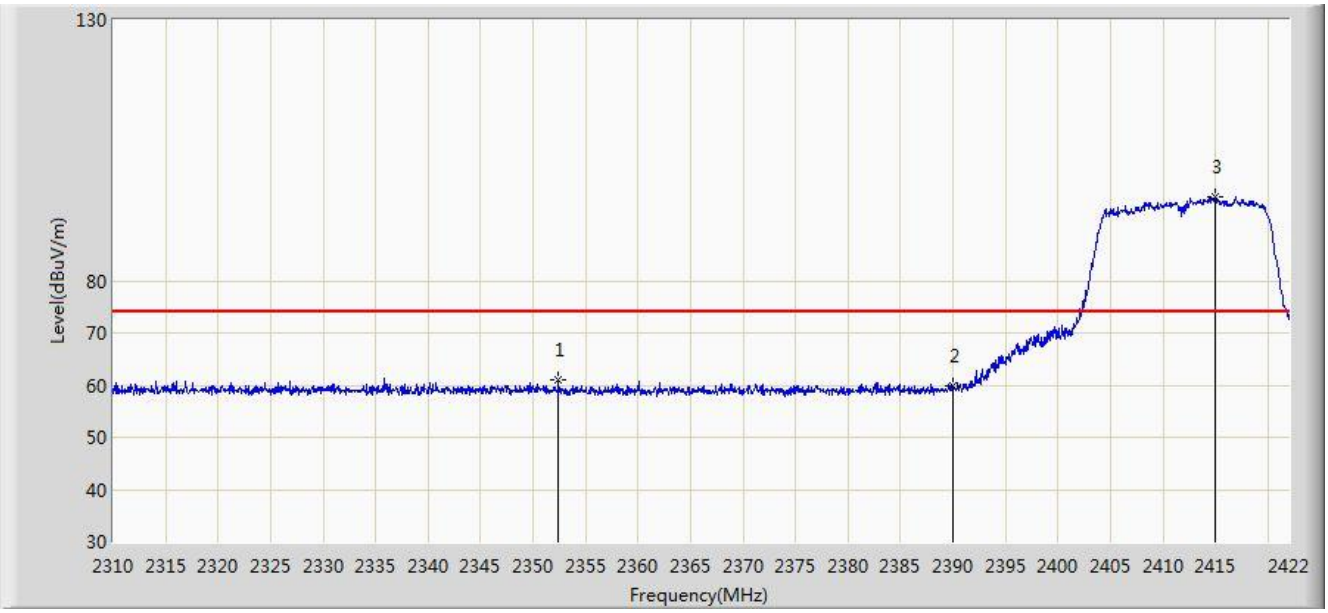
Site: AC1	Time: 2017/12/05 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	112.534	80.019	N/A	N/A	32.516	AV
2			2483.500	53.650	21.069	-0.350	54.000	32.580	AV
3			2486.536	53.040	20.450	-0.960	54.000	32.590	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

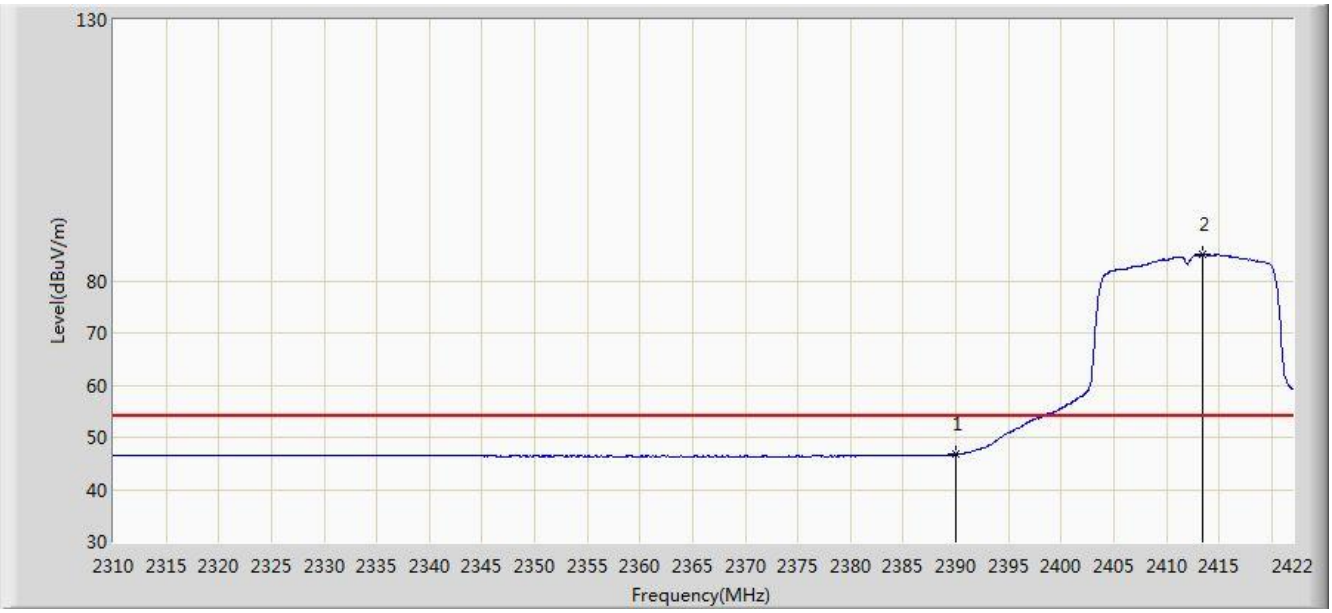


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.448	61.115	28.499	-12.885	74.000	32.615	PK
2			2390.000	59.766	27.212	-14.234	74.000	32.554	PK
3		*	2415.000	96.161	63.639	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2017/12/05 - 23:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

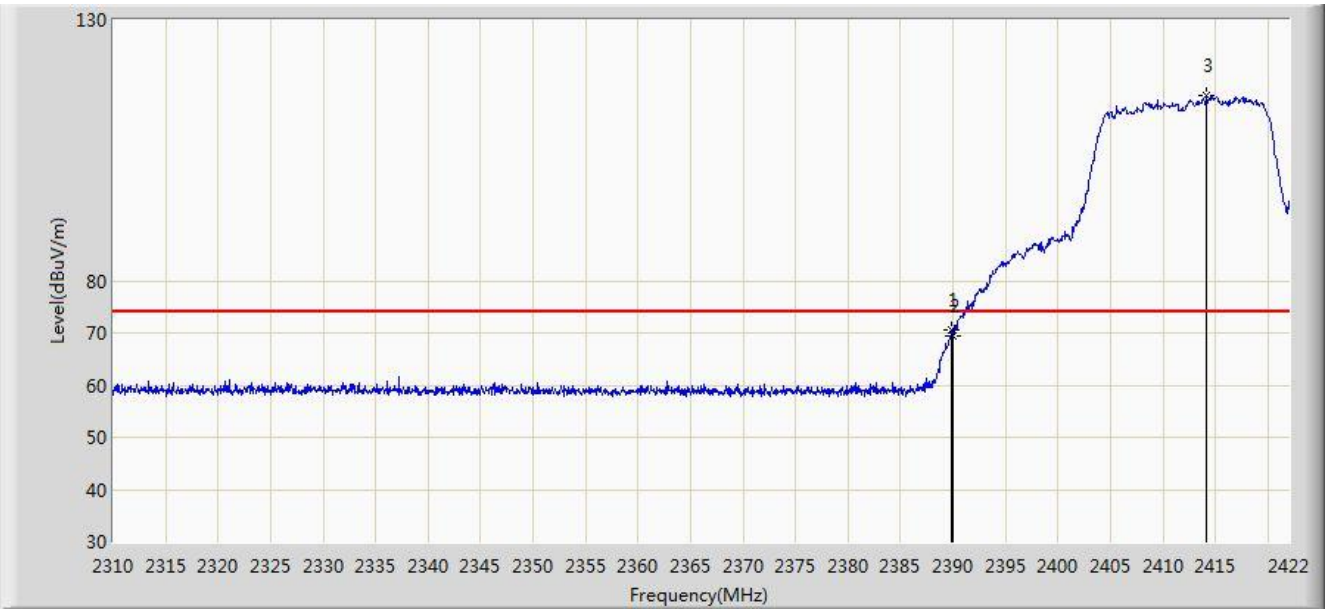


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.727	14.173	-7.273	54.000	32.554	AV
2		*	2413.376	84.998	52.474	N/A	N/A	32.524	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

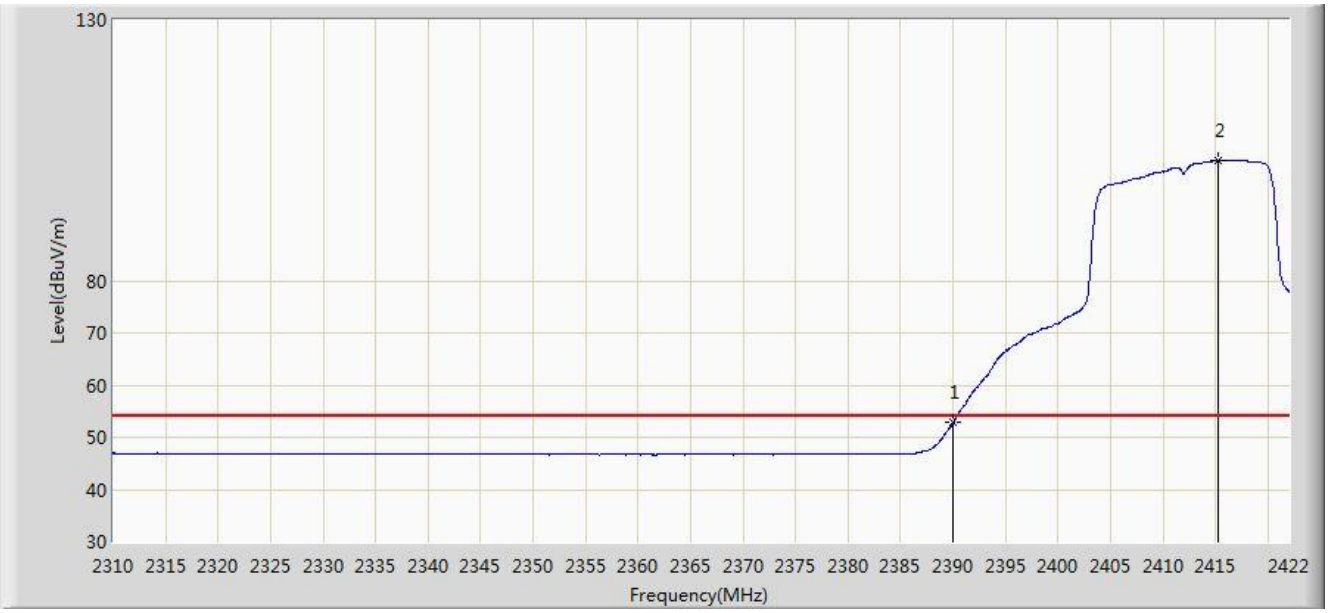


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	70.575	38.020	-3.425	74.000	32.555	PK
2			2390.000	69.475	36.921	-4.525	74.000	32.554	PK
3		*	2414.160	115.549	83.026	N/A	N/A	32.523	PK

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

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

Site: AC1	Time: 2017/12/05 - 23:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0	

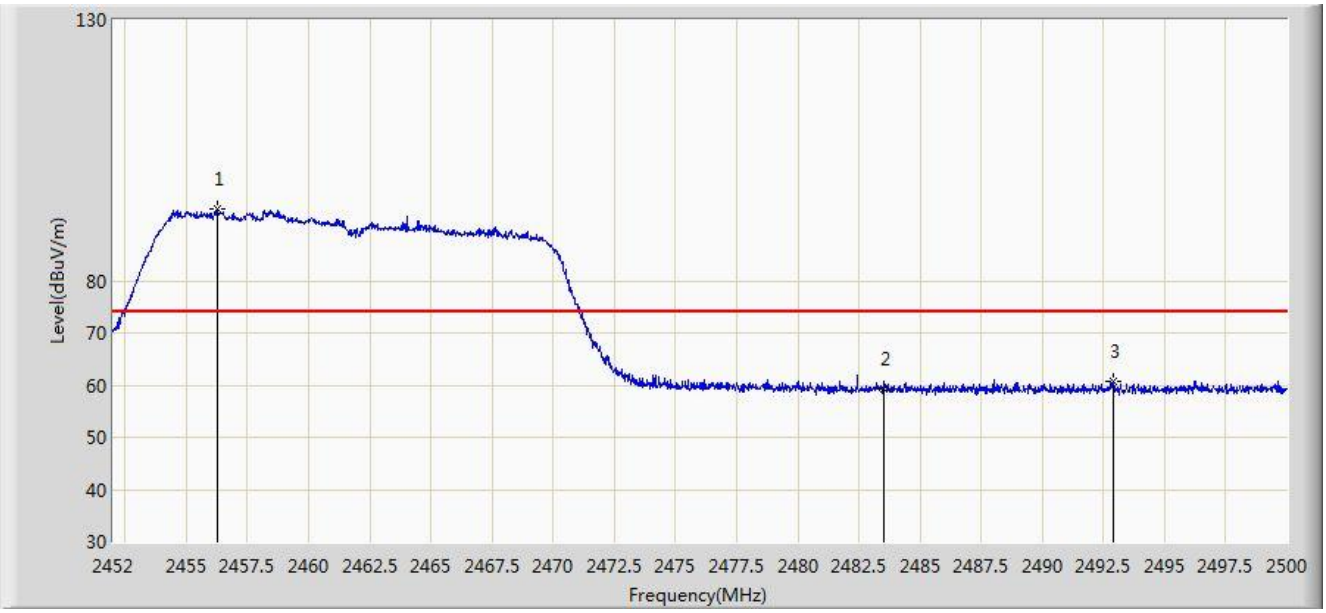


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.772	20.218	-1.228	54.000	32.554	AV
2		*	2415.280	103.086	70.564	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

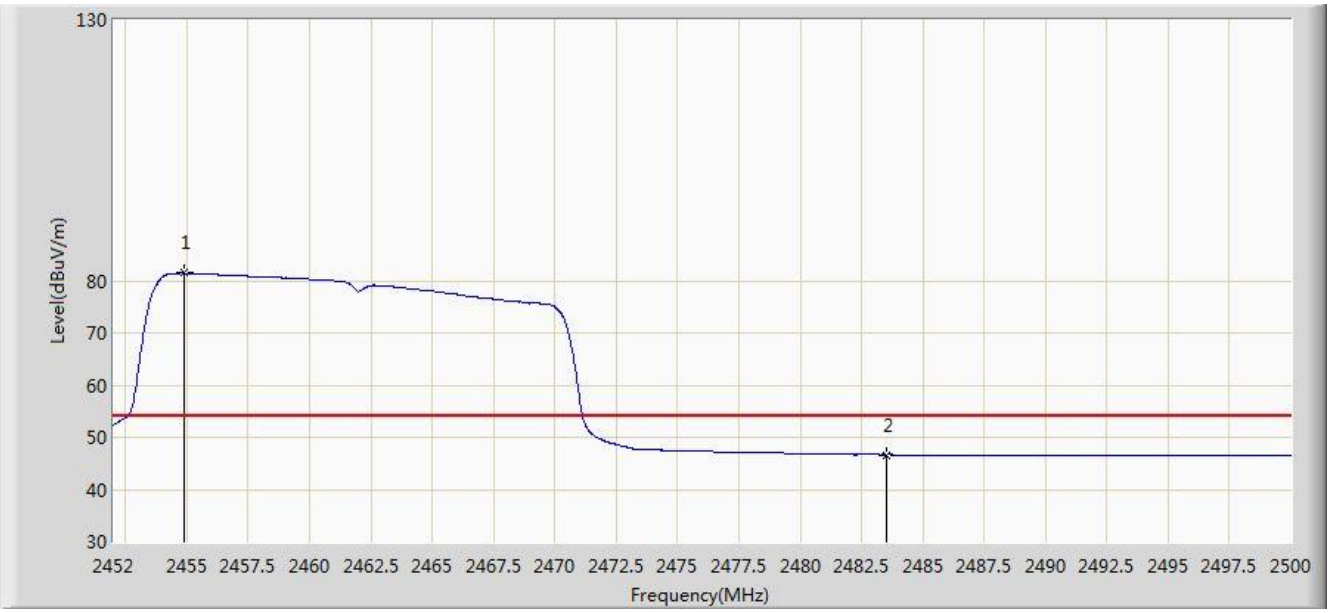


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.272	93.753	61.247	N/A	N/A	32.507	PK
2			2483.500	59.307	26.726	-14.693	74.000	32.580	PK
3			2492.920	60.763	28.154	-13.237	74.000	32.608	PK

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

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

Site: AC1	Time: 2017/12/05 - 23:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

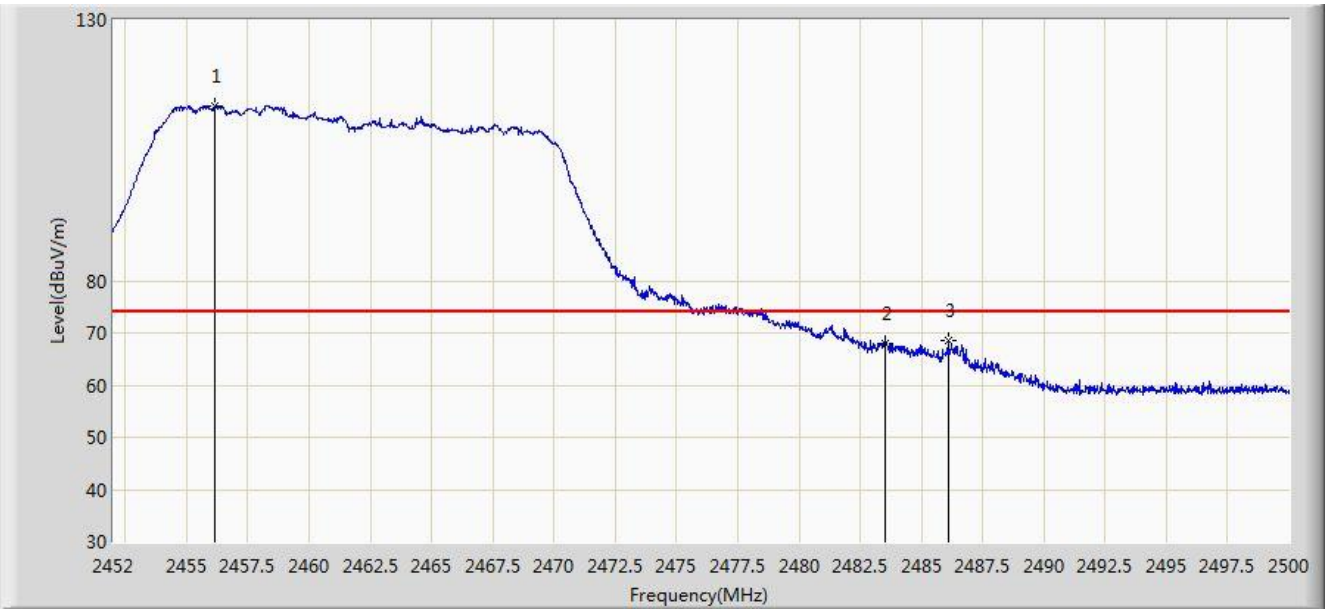


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.880	81.456	48.952	N/A	N/A	32.504	AV
2			2483.500	46.616	14.035	-7.384	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/05 - 23:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.152	113.430	80.924	N/A	N/A	32.507	PK
2			2483.500	68.112	35.531	-5.888	74.000	32.580	PK
3			2486.080	68.686	36.098	-5.314	74.000	32.588	PK

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

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

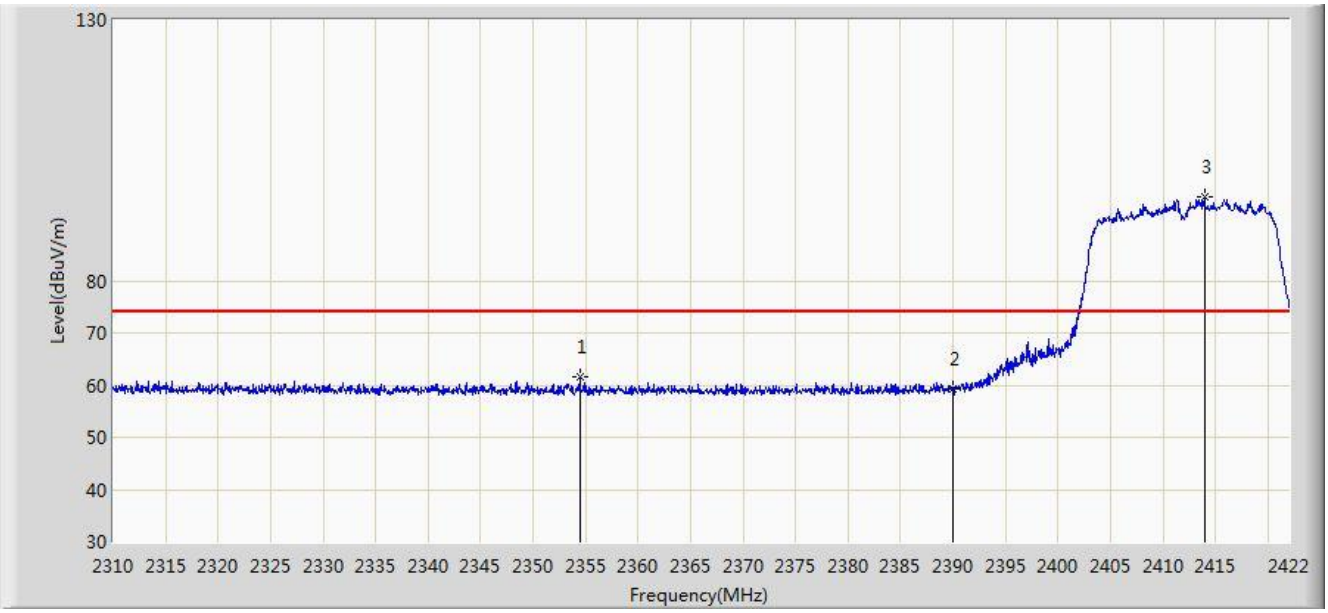
Site: AC1	Time: 2017/12/05 - 23:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.336	101.096	68.591	N/A	N/A	32.505	AV
2			2483.500	53.233	20.652	-0.767	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 00:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

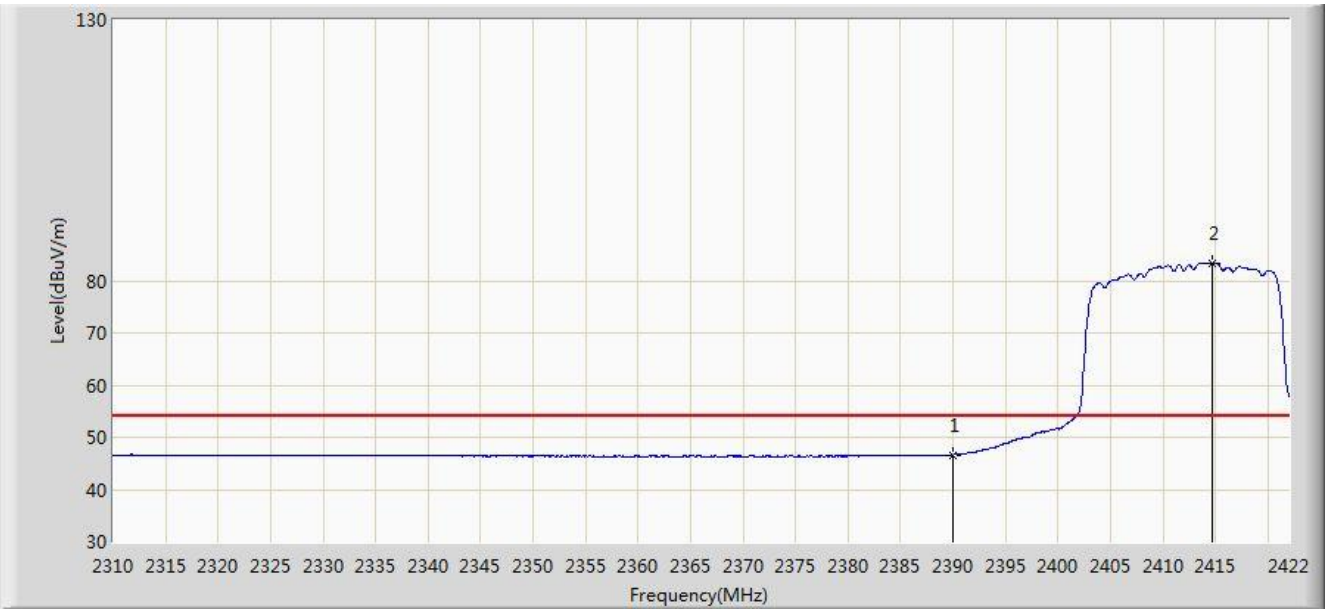


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.464	61.499	28.888	-12.501	74.000	32.611	PK
2			2390.000	59.302	26.748	-14.698	74.000	32.554	PK
3		*	2413.936	96.078	63.555	N/A	N/A	32.523	PK

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

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

Site: AC1	Time: 2017/12/06 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

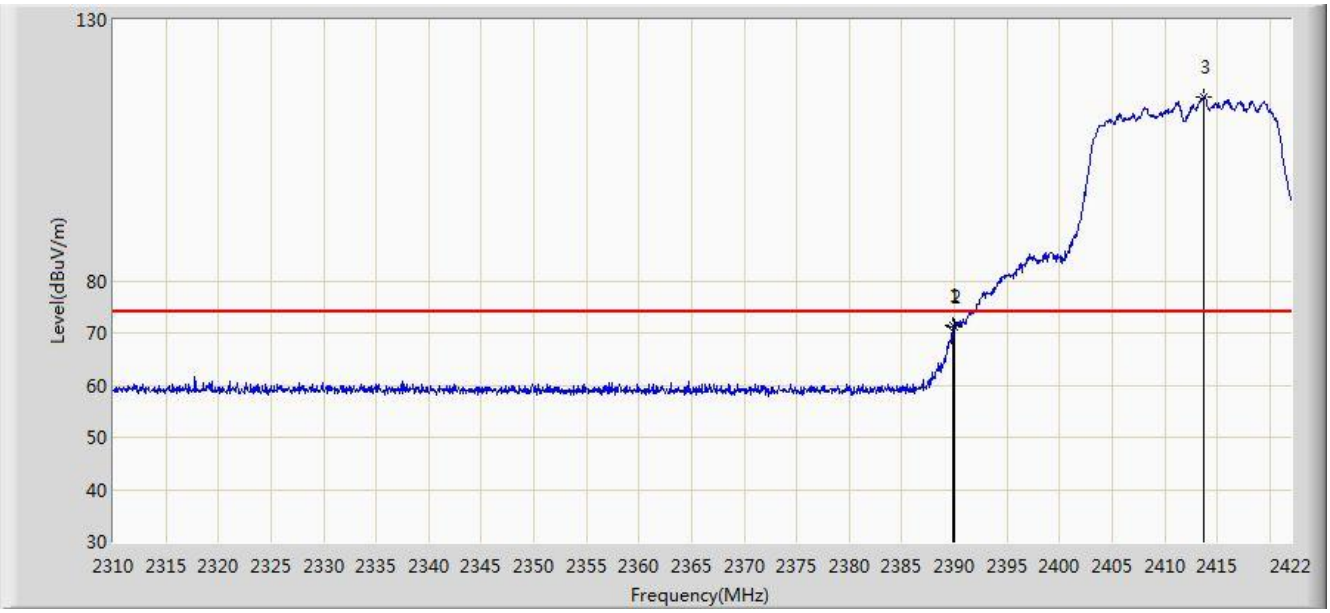


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.630	14.076	-7.370	54.000	32.554	AV
2		*	2414.720	83.422	50.900	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2017/12/06 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

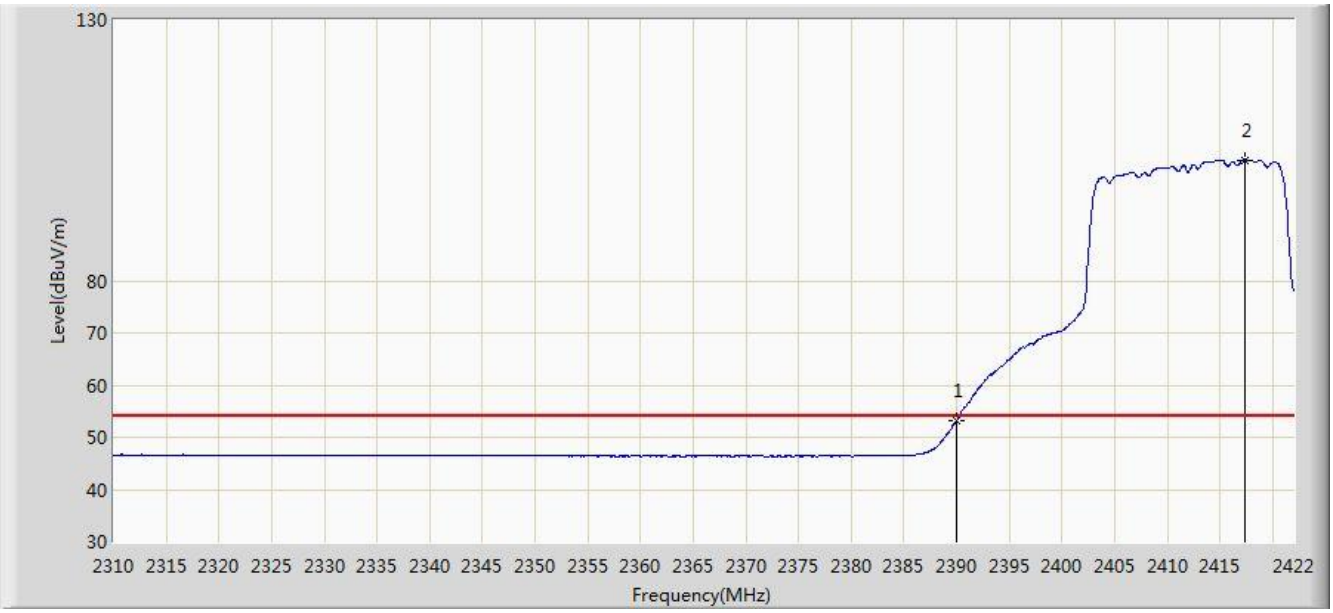


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	71.322	38.767	-2.678	74.000	32.555	PK
2			2390.000	71.033	38.479	-2.967	74.000	32.554	PK
3		*	2413.656	115.073	82.549	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2017/12/06 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0	

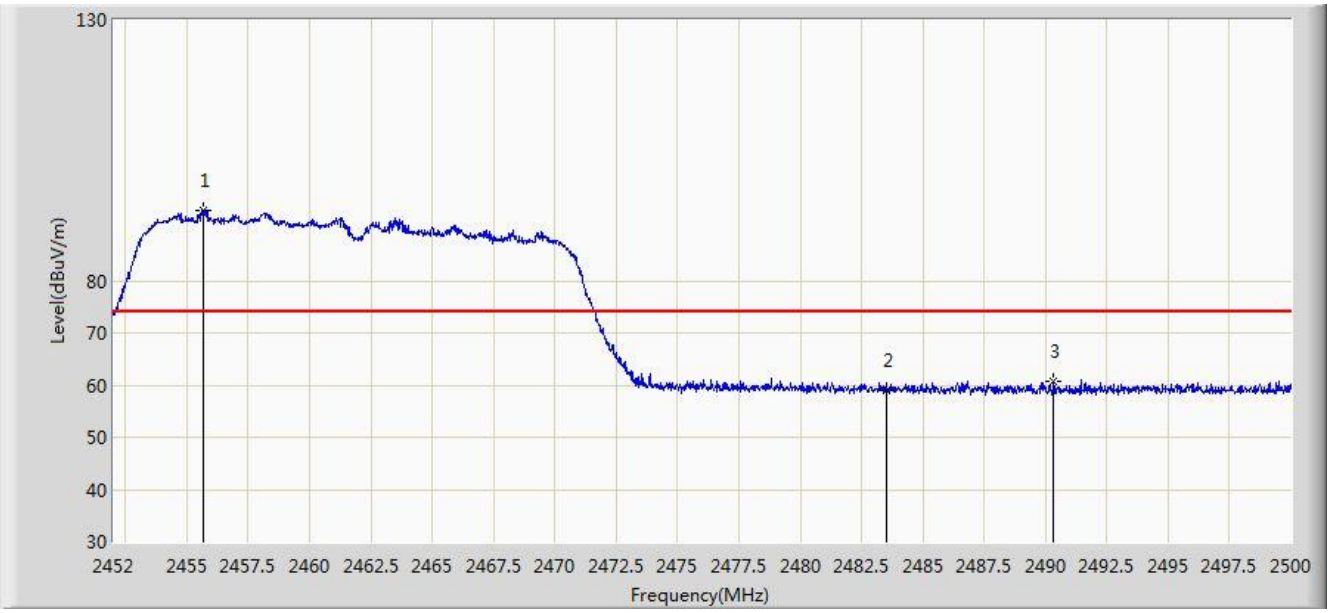


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.171	20.617	-0.829	54.000	32.554	AV
2		*	2417.408	103.185	70.666	N/A	N/A	32.520	AV

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

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

Site: AC1	Time: 2017/12/06 - 00:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

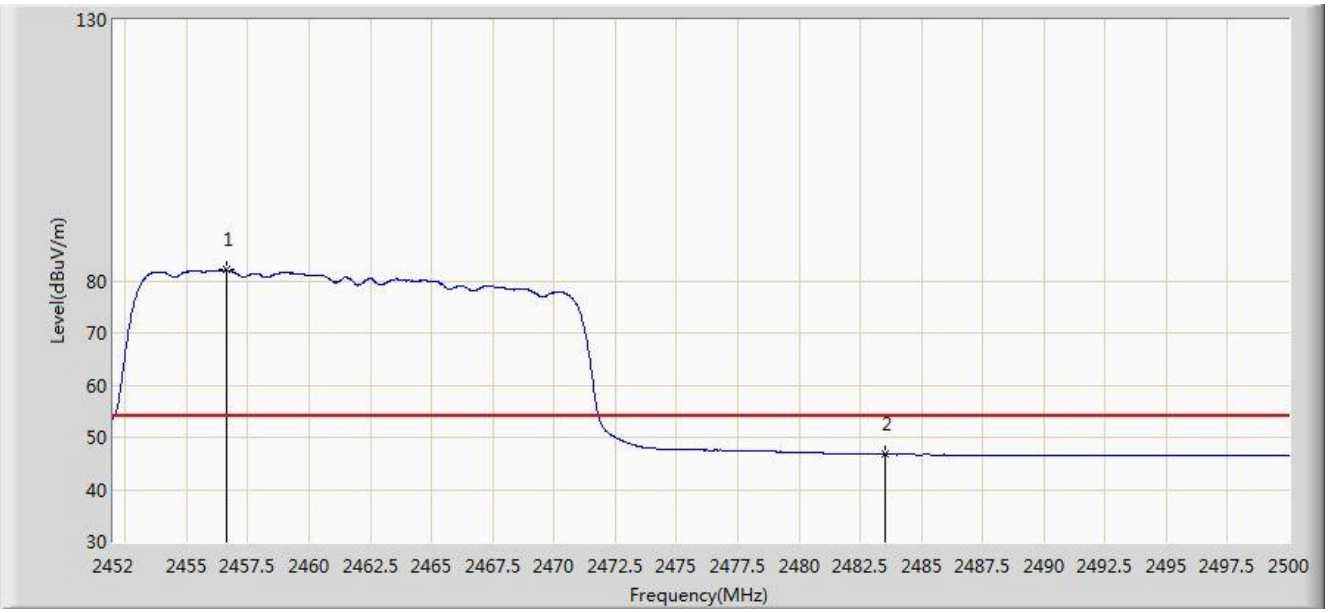


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.696	93.574	61.069	N/A	N/A	32.505	PK
2			2483.500	59.098	26.517	-14.902	74.000	32.580	PK
3			2490.328	60.602	28.001	-13.398	74.000	32.601	PK

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

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

Site: AC1	Time: 2017/12/06 - 00:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

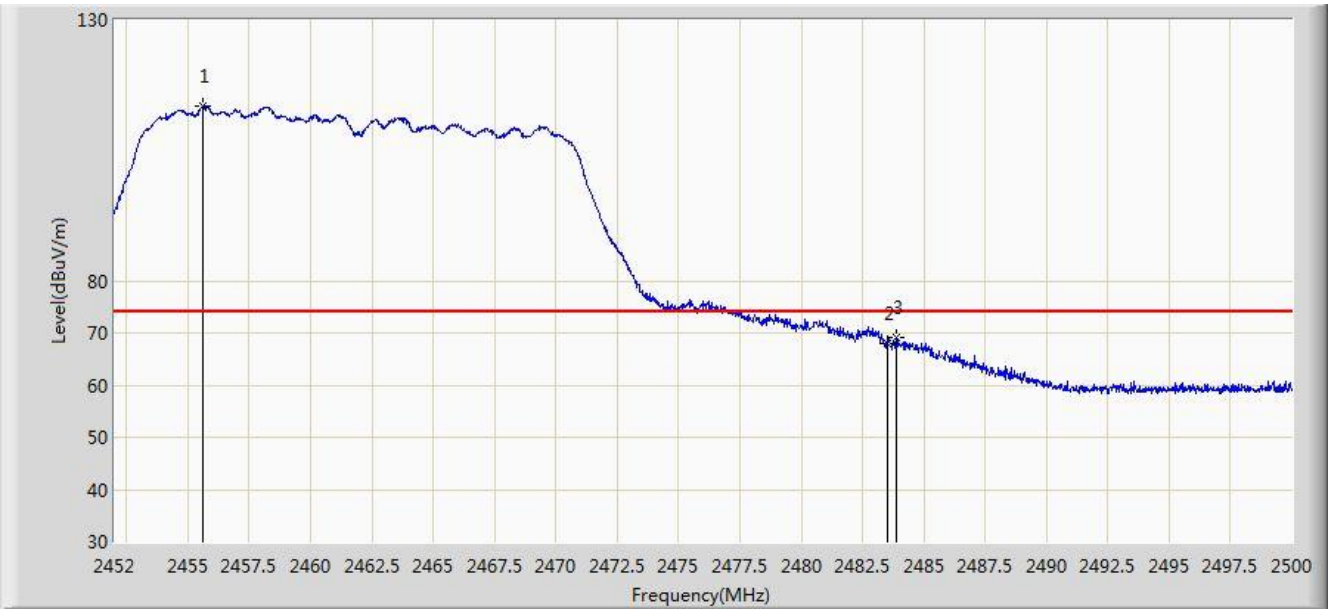


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.608	82.030	49.523	N/A	N/A	32.507	AV
2			2483.500	46.769	14.188	-7.231	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

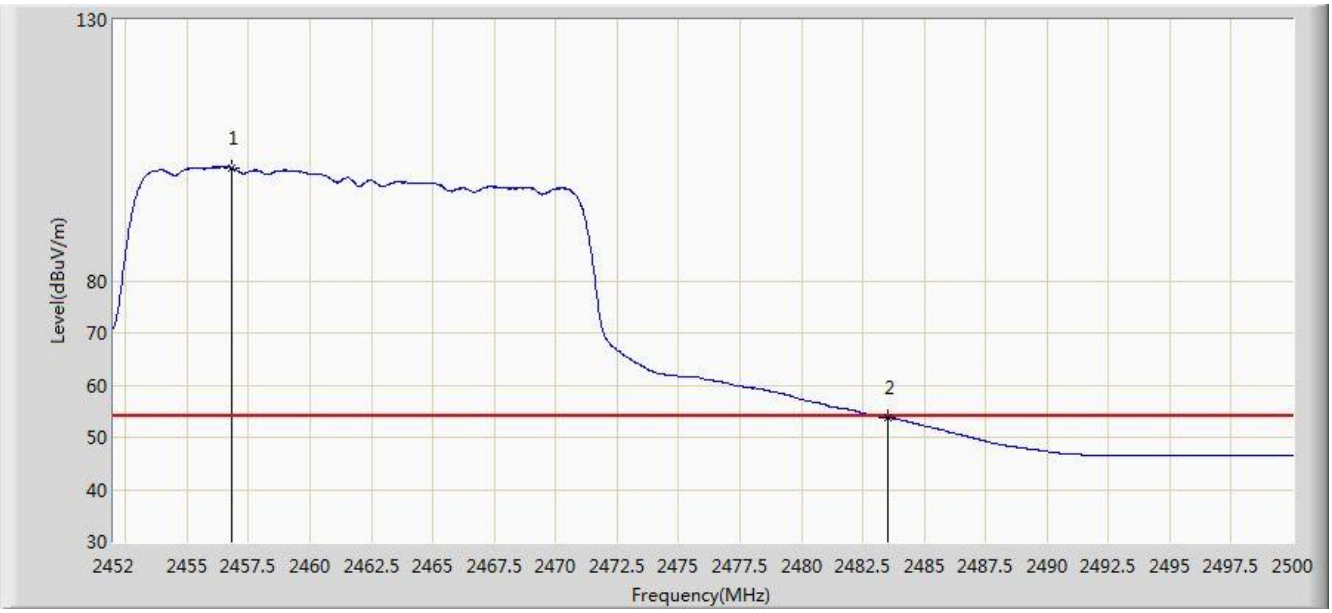


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.624	113.433	80.928	N/A	N/A	32.505	PK
2			2483.500	68.085	35.504	-5.915	74.000	32.580	PK
3			2483.896	68.995	36.413	-5.005	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/12/06 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0	

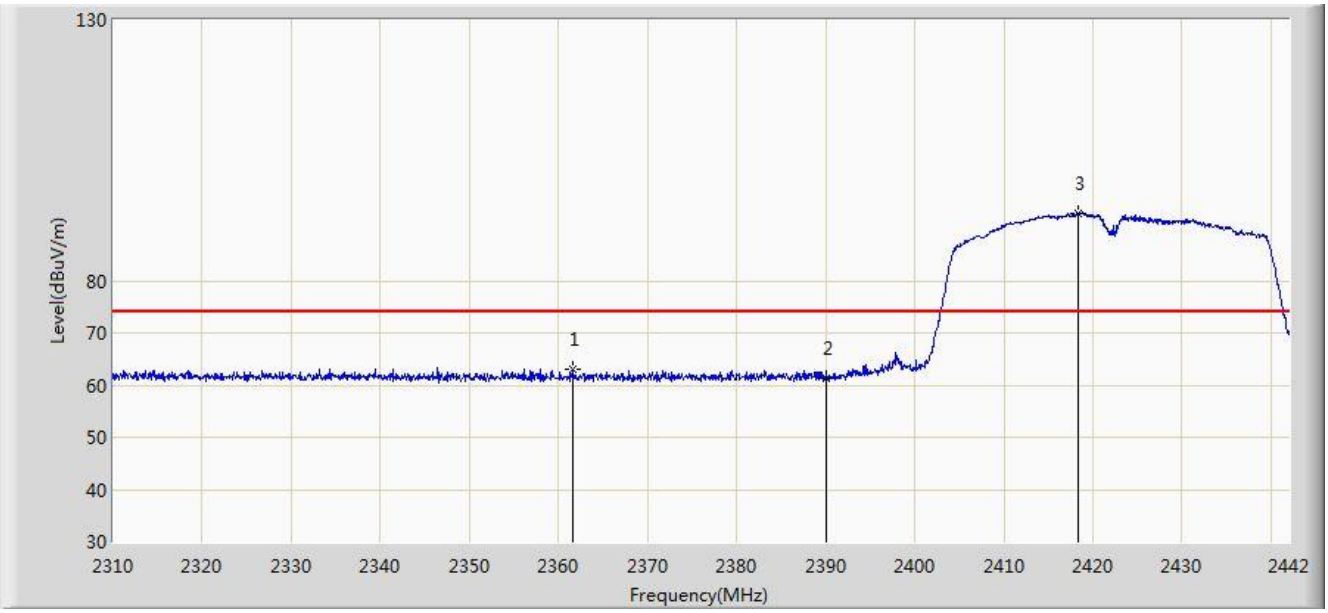


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.824	101.645	69.138	N/A	N/A	32.507	AV
2			2483.500	53.776	21.195	-0.224	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 00:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

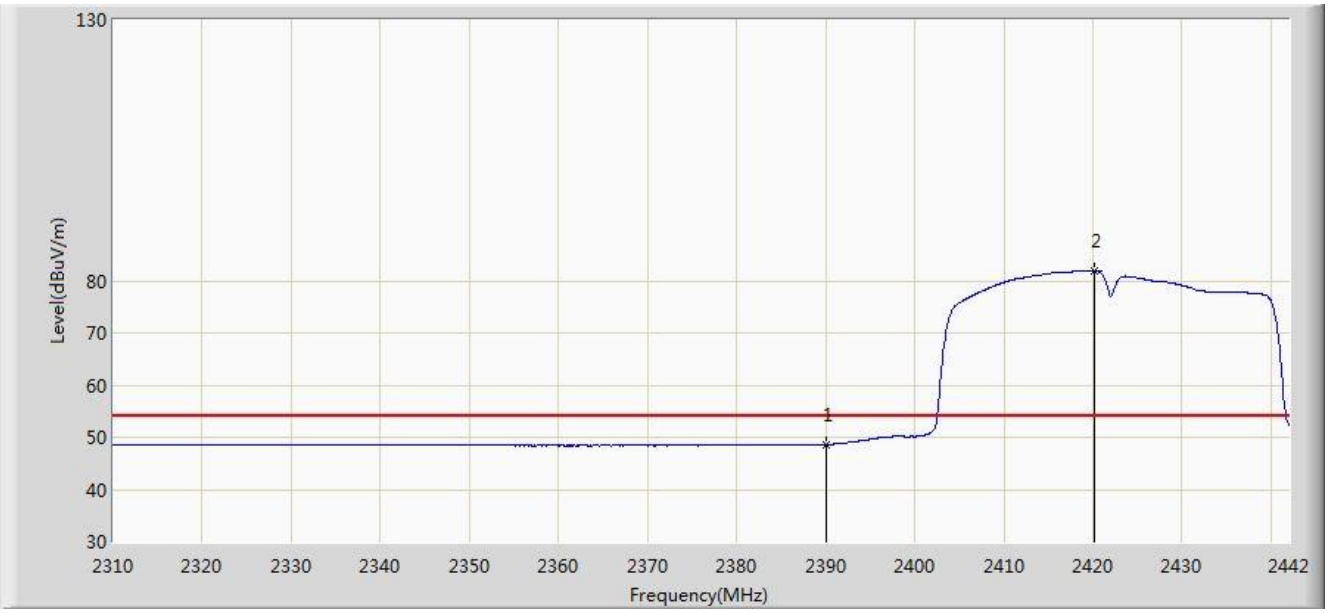


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2361.546	62.915	30.321	-11.085	74.000	32.594	PK
2			2390.000	61.440	28.886	-12.560	74.000	32.554	PK
3		*	2418.372	92.987	60.469	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2017/12/06 - 00:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

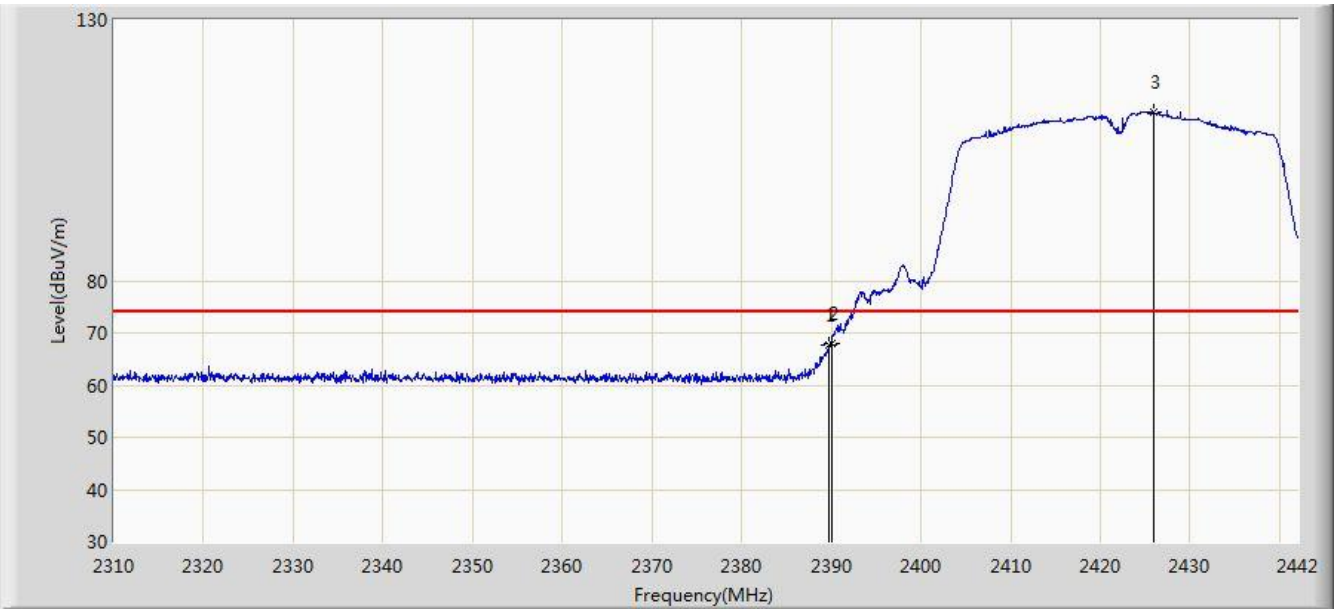


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.612	16.058	-5.388	54.000	32.554	AV
2		*	2420.154	81.939	49.423	N/A	N/A	32.516	AV

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

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

Site: AC1	Time: 2017/12/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

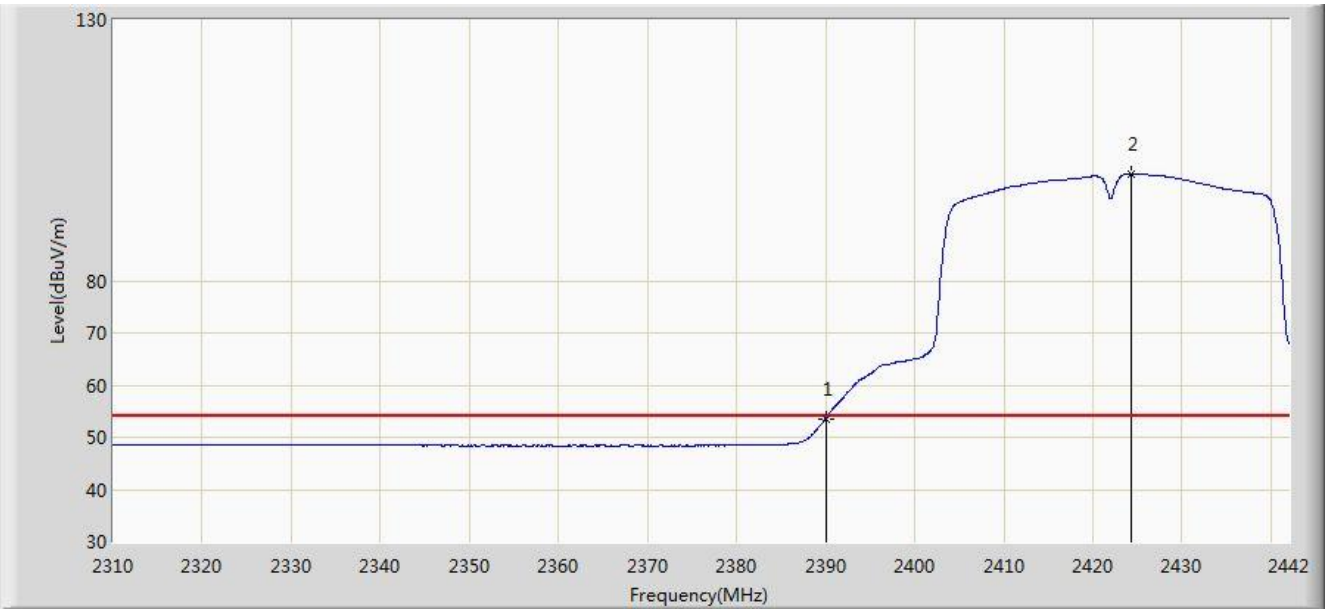


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.662	67.786	35.231	-6.214	74.000	32.555	PK
2			2390.000	67.928	35.374	-6.072	74.000	32.554	PK
3		*	2425.896	112.416	79.907	N/A	N/A	32.509	PK

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

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

Site: AC1	Time: 2017/12/06 - 00:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0	

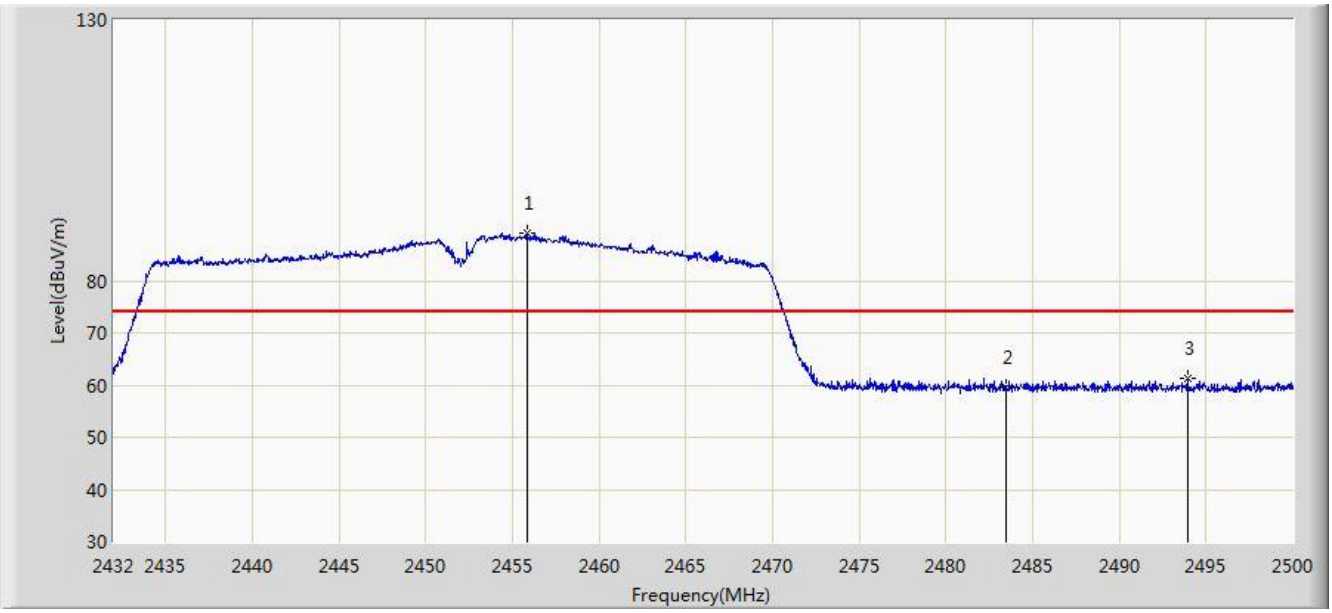


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.511	20.957	-0.489	54.000	32.554	AV
2		*	2424.378	100.501	67.990	N/A	N/A	32.511	AV

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

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

Site: AC1	Time: 2017/12/06 - 01:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

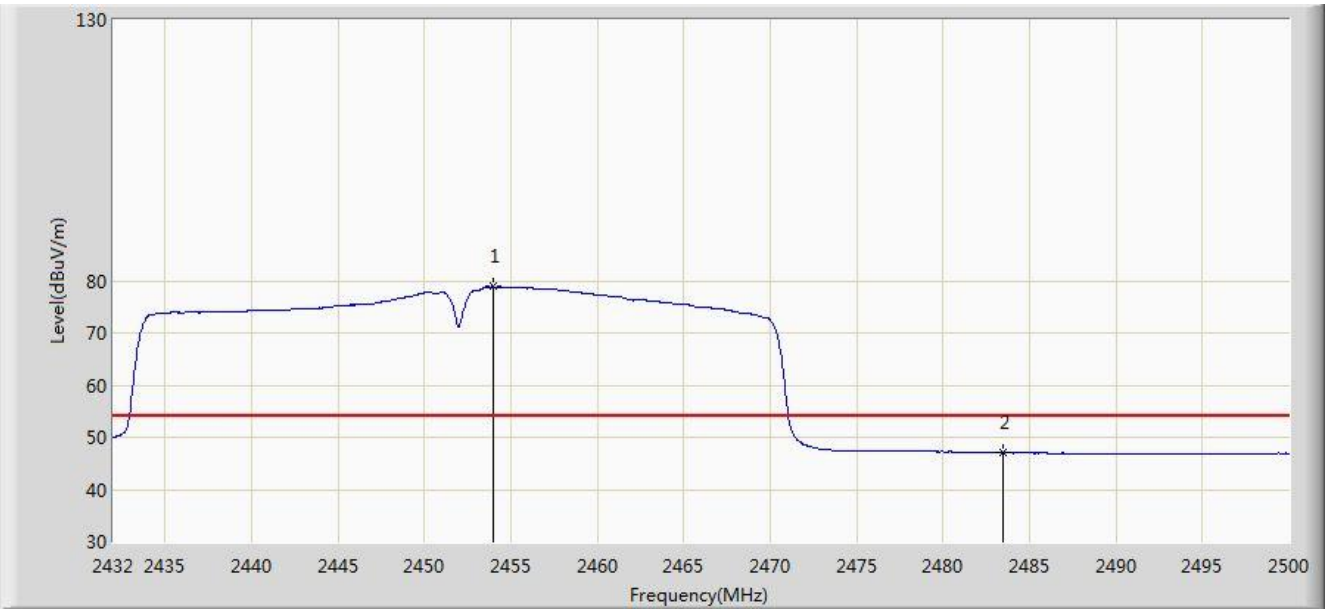


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.868	89.146	56.640	N/A	N/A	32.505	PK
2			2483.500	59.580	26.999	-14.420	74.000	32.580	PK
3			2493.914	61.336	28.724	-12.664	74.000	32.612	PK

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

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

Site: AC1	Time: 2017/12/06 - 01:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

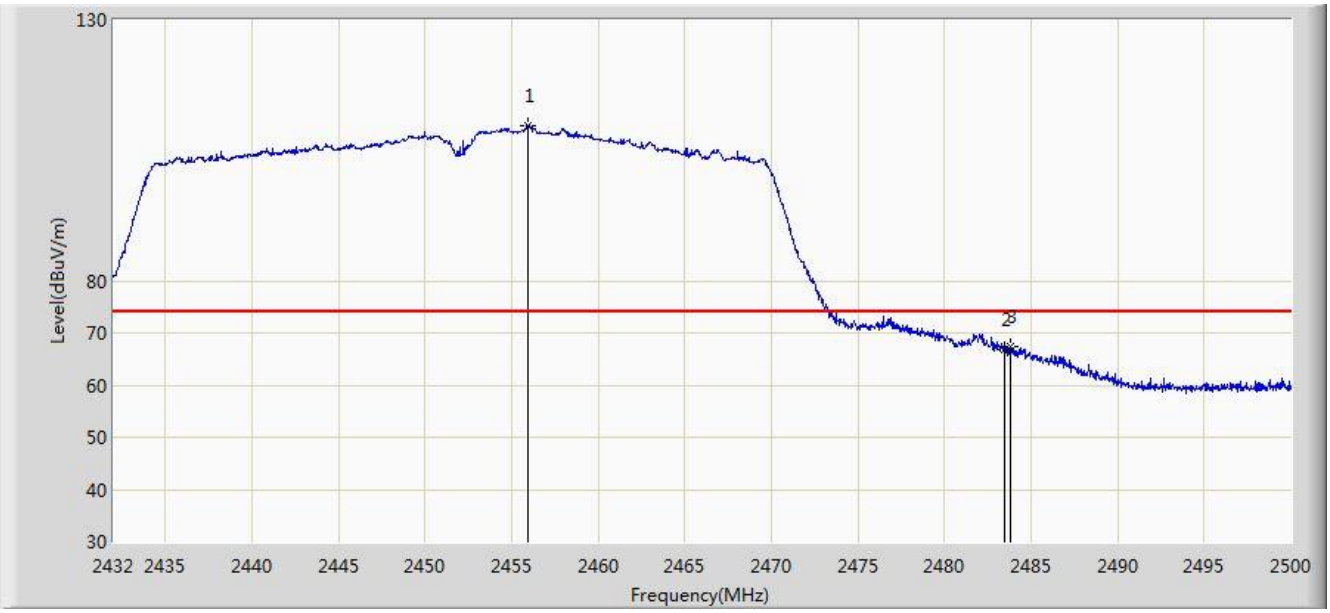


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.964	78.864	46.362	N/A	N/A	32.502	AV
2			2483.500	47.012	14.431	-6.988	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 01:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

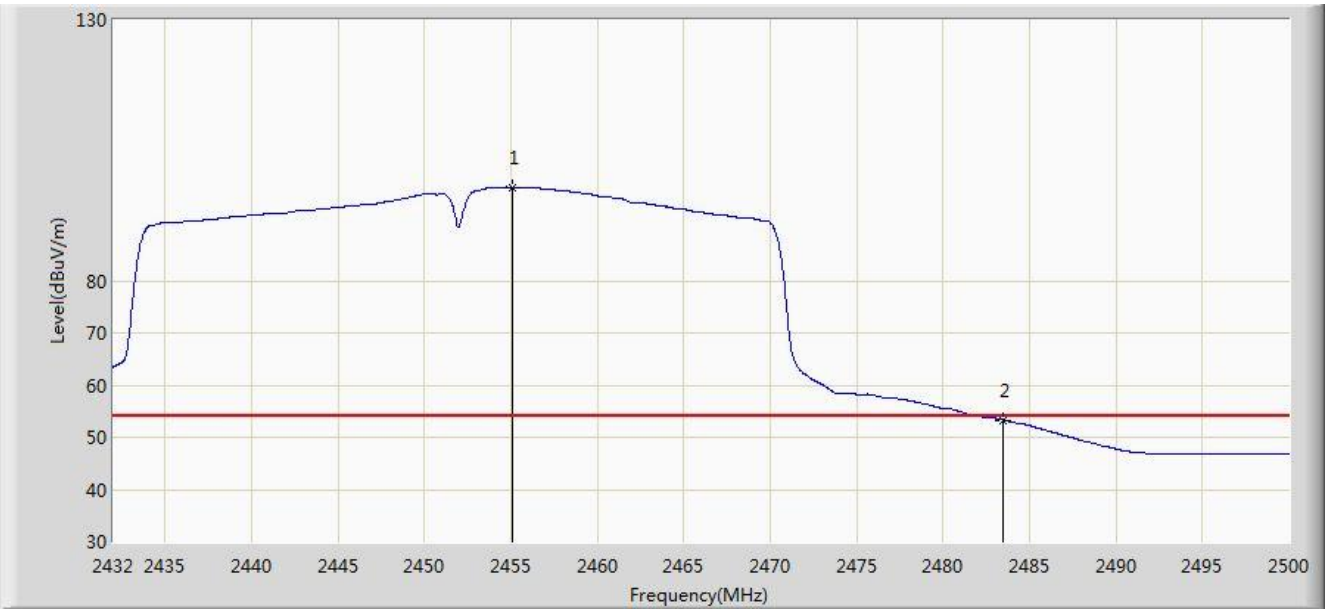


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.970	109.825	77.319	N/A	N/A	32.505	PK
2			2483.500	66.918	34.337	-7.082	74.000	32.580	PK
3			2483.782	67.407	34.826	-6.593	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/12/06 - 01:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0	

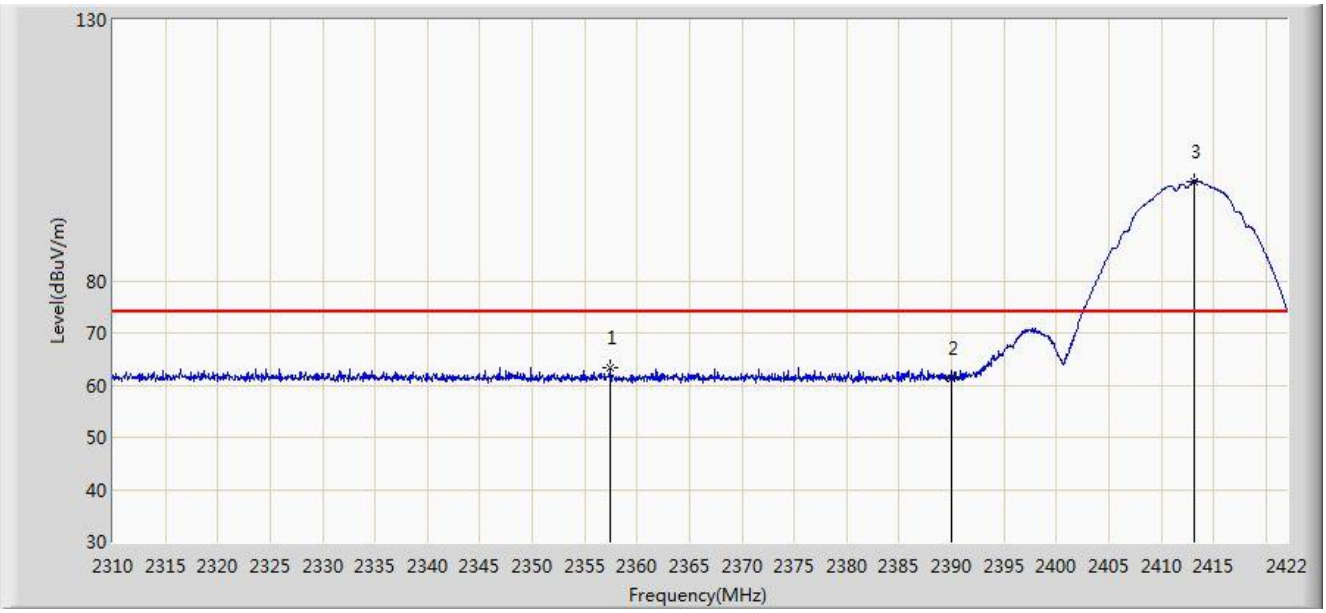


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.120	97.953	65.449	N/A	N/A	32.504	AV
2			2483.500	53.289	20.708	-0.711	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

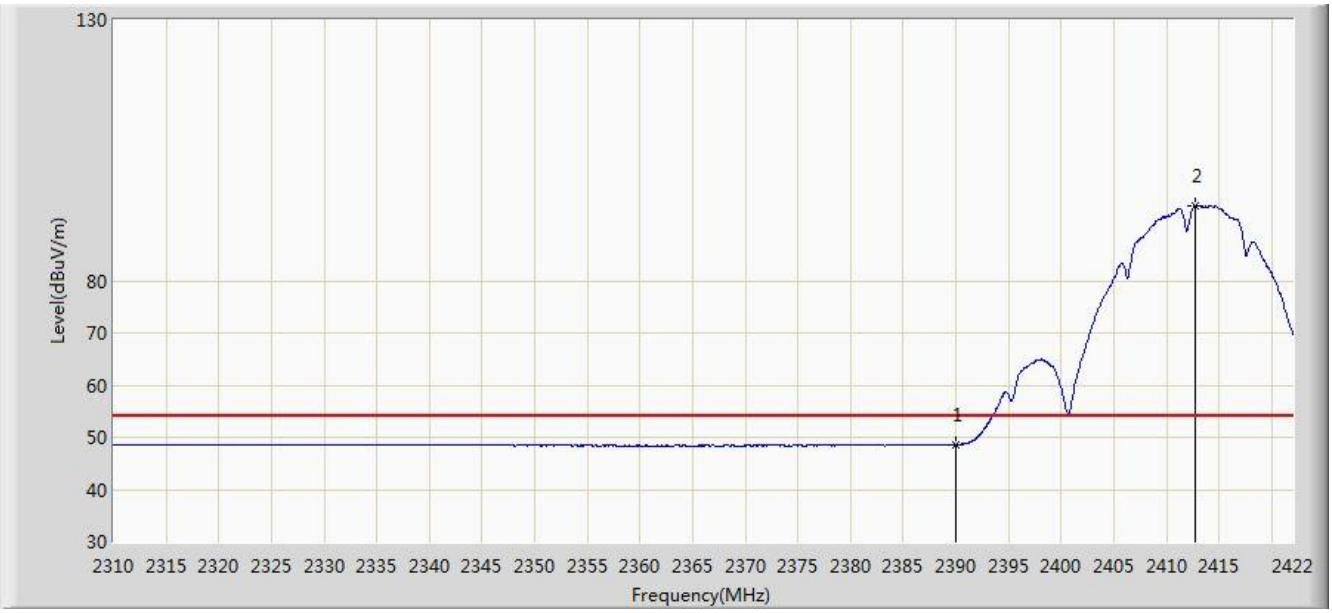


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2357.488	63.266	30.663	-10.734	74.000	32.602	PK
2			2390.000	61.434	28.880	-12.566	74.000	32.554	PK
3		*	2413.152	99.126	66.602	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

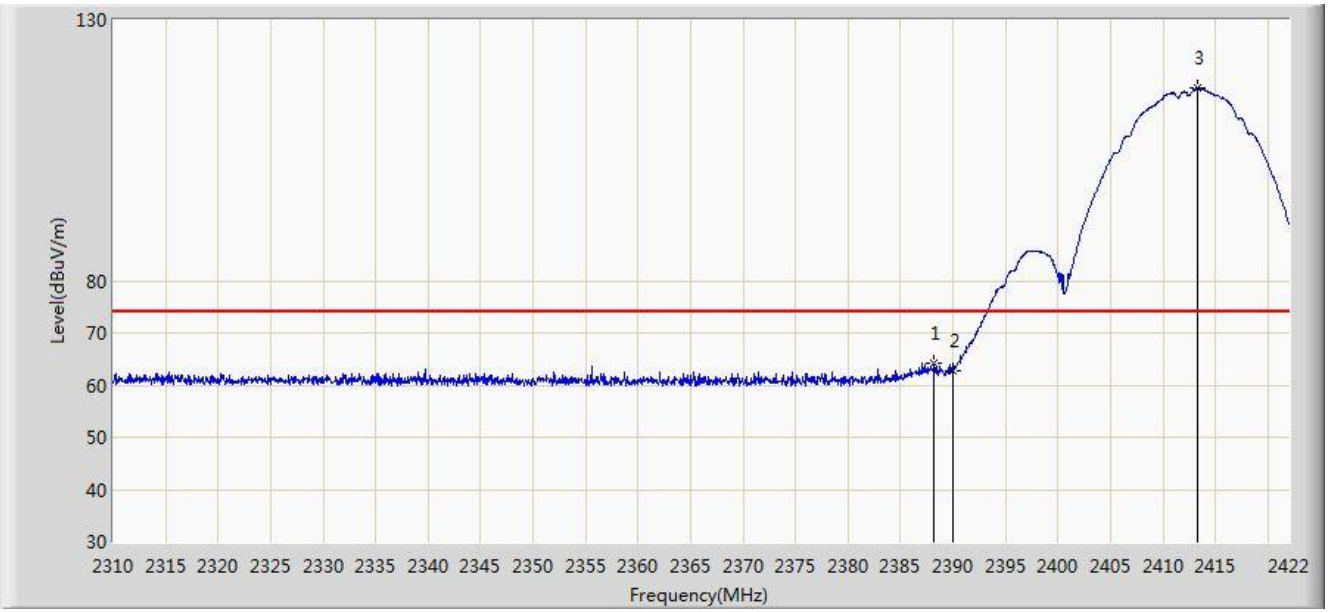


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.552	15.998	-5.448	54.000	32.554	AV
2		*	2412.704	94.408	61.883	N/A	N/A	32.525	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

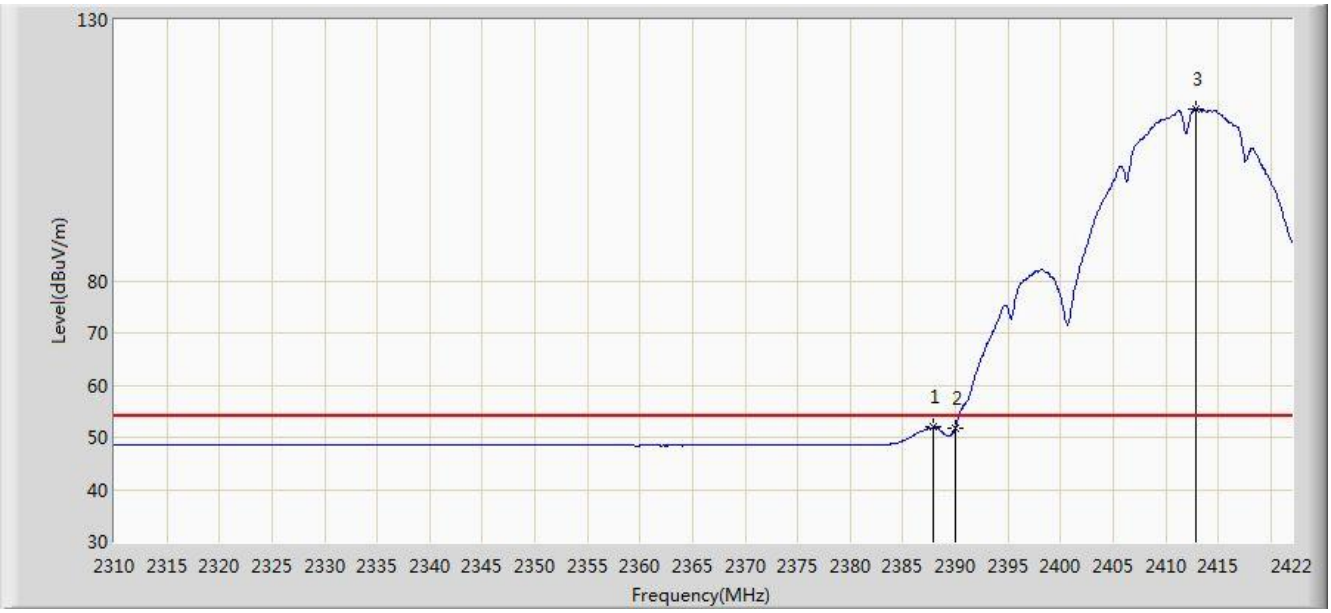


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.232	64.249	31.692	-9.751	74.000	32.557	PK
2			2390.000	62.891	30.337	-11.109	74.000	32.554	PK
3		*	2413.320	116.916	84.392	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1	

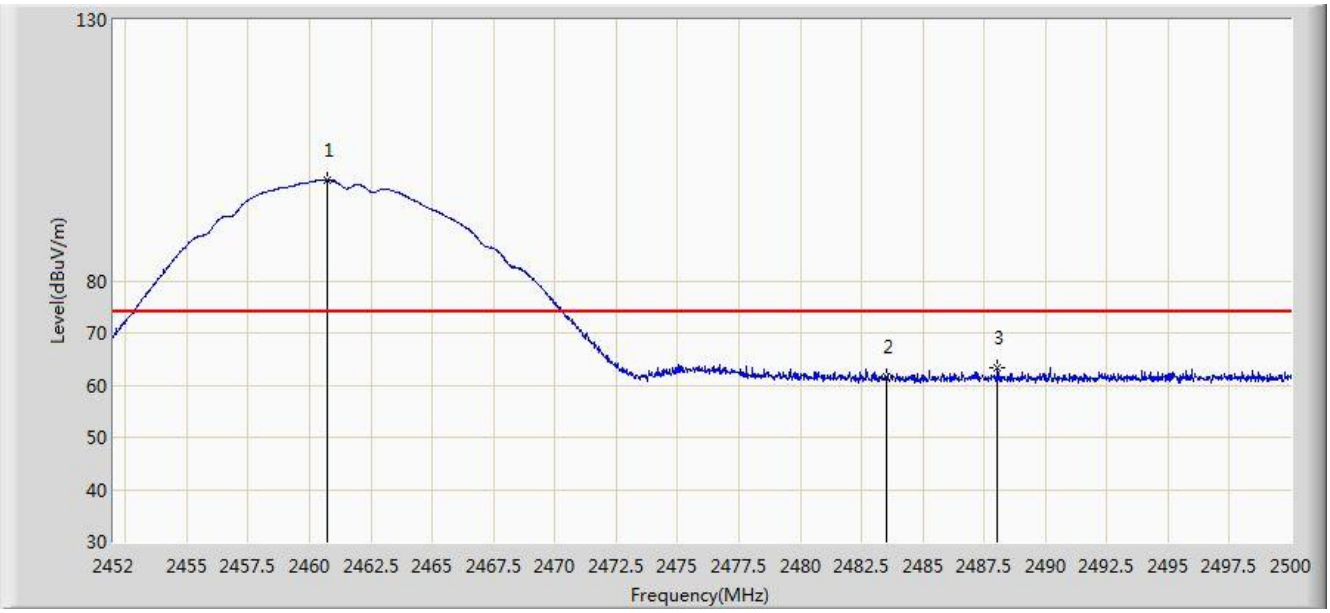


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.840	51.901	19.344	-2.099	54.000	32.557	AV
2			2390.000	51.870	19.316	-2.130	54.000	32.554	AV
3		*	2412.816	112.974	80.449	N/A	N/A	32.525	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	

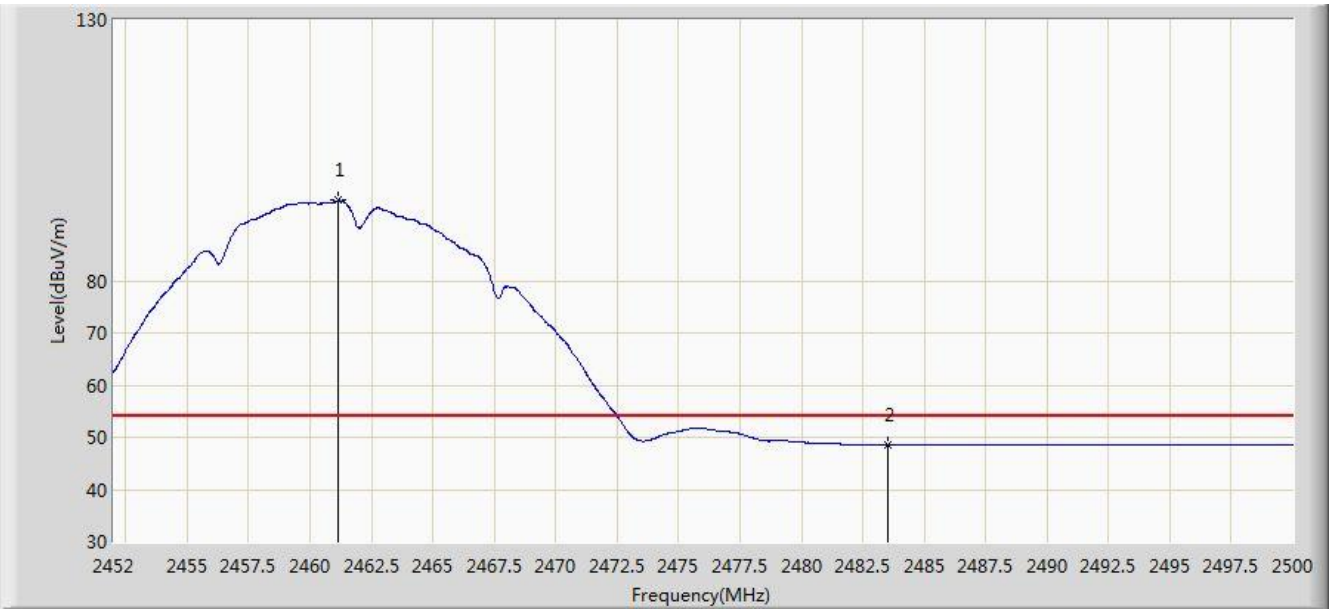


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	99.354	66.840	N/A	N/A	32.514	PK
2			2483.500	61.559	28.978	-12.441	74.000	32.580	PK
3			2488.048	63.189	30.595	-10.811	74.000	32.594	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	

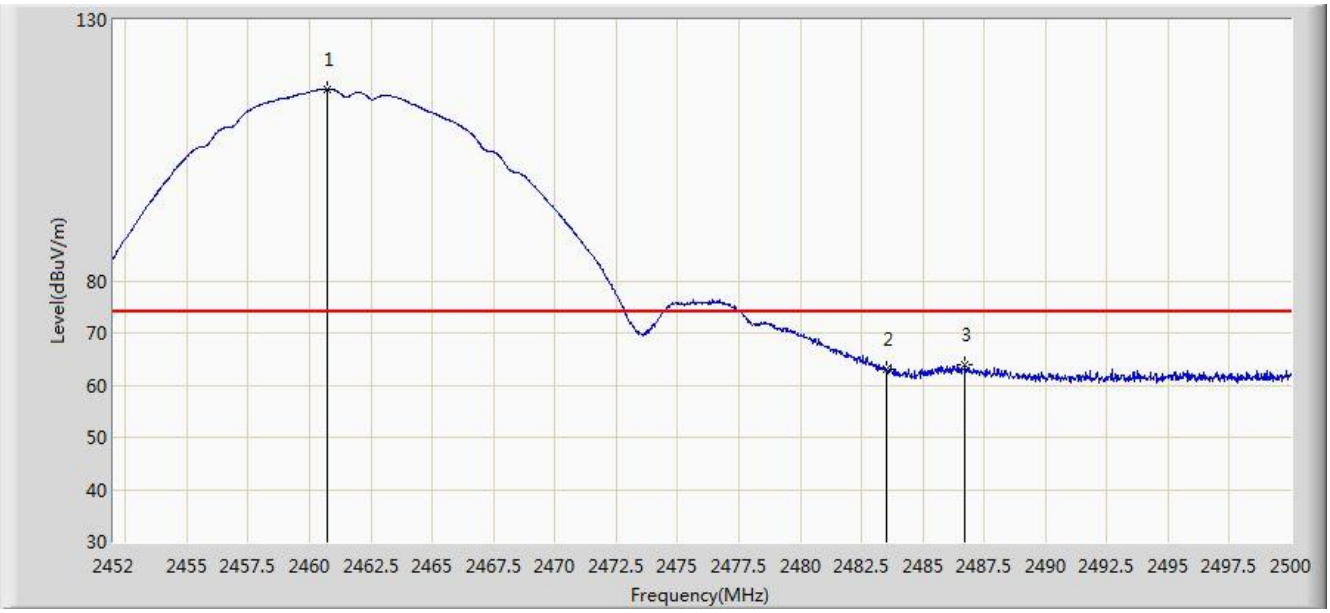


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	95.446	62.931	N/A	N/A	32.515	AV
2			2483.500	48.545	15.964	-5.455	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	116.656	84.142	N/A	N/A	32.514	PK
2			2483.500	63.067	30.486	-10.933	74.000	32.580	PK
3			2486.728	63.869	31.279	-10.131	74.000	32.590	PK

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

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

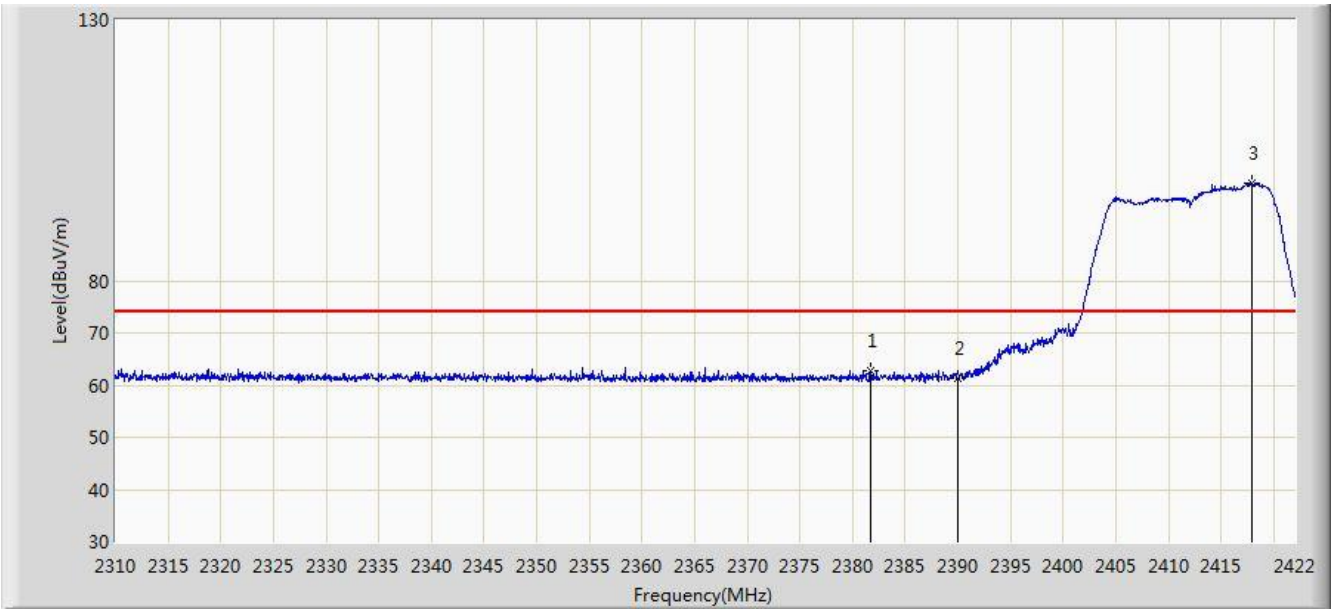
Site: AC1	Time: 2017/12/06 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.264	112.092	79.577	N/A	N/A	32.515	AV
2			2483.500	51.505	18.924	-2.495	54.000	32.580	AV
3			2486.200	51.806	19.217	-2.194	54.000	32.589	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1	

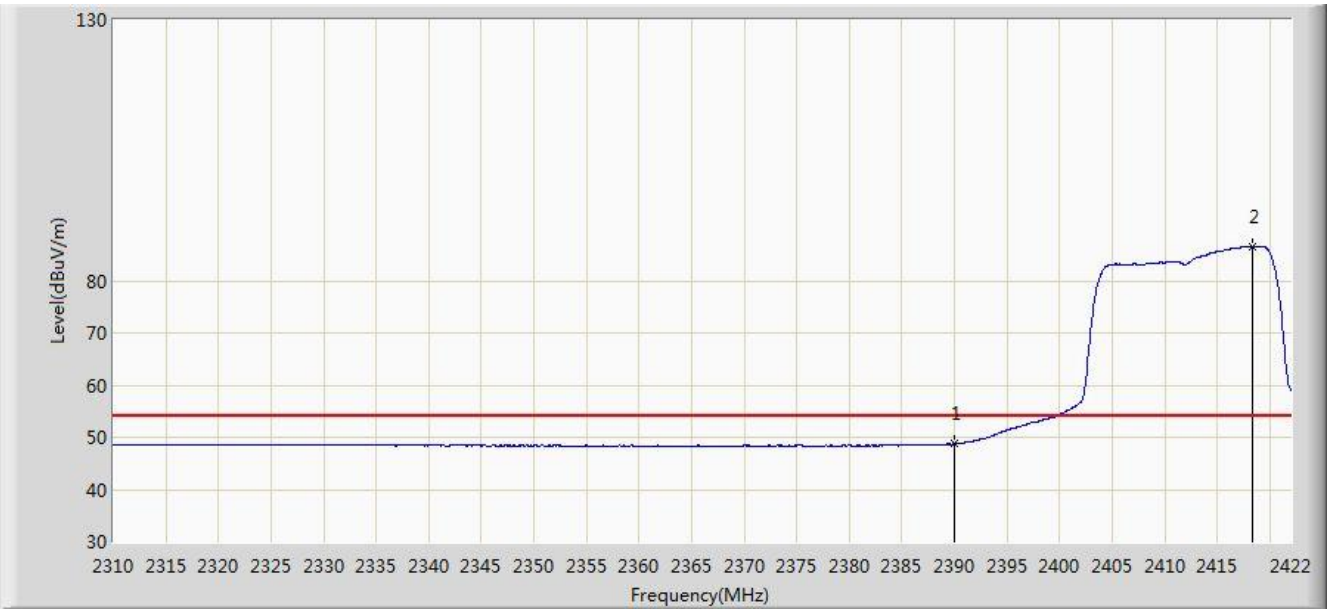


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.680	62.778	30.212	-11.222	74.000	32.566	PK
2			2390.000	61.292	28.738	-12.708	74.000	32.554	PK
3		*	2417.912	98.830	66.311	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1	

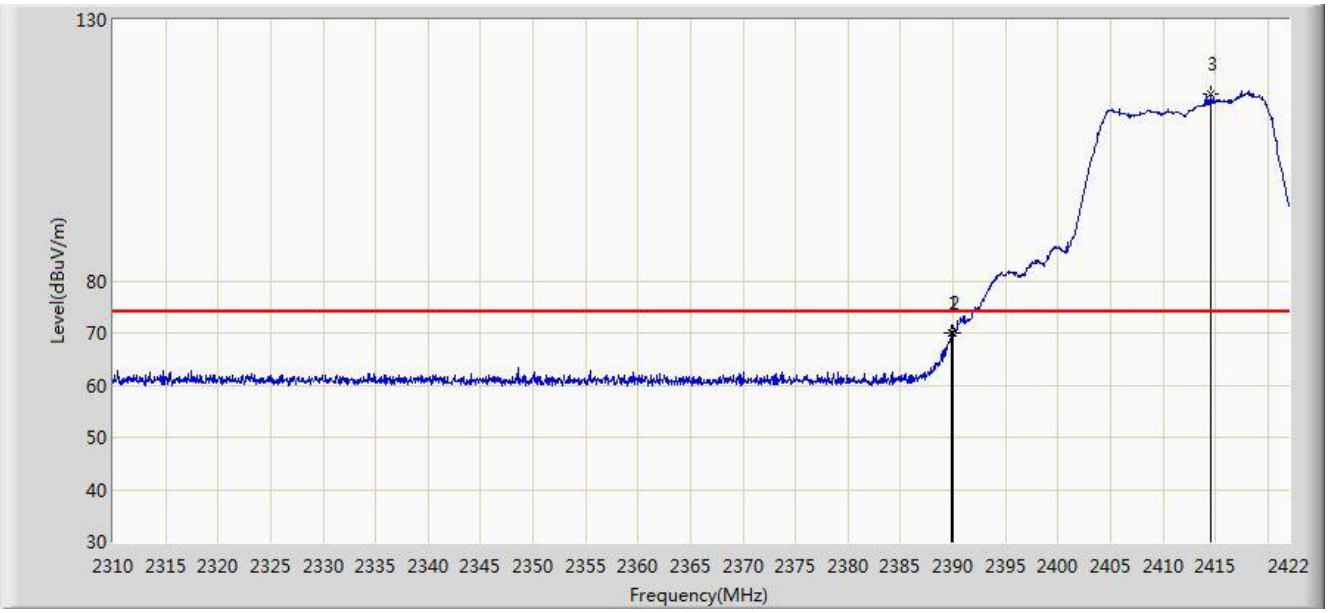


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.726	16.172	-5.274	54.000	32.554	AV
2		*	2418.304	86.525	54.007	N/A	N/A	32.518	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1	

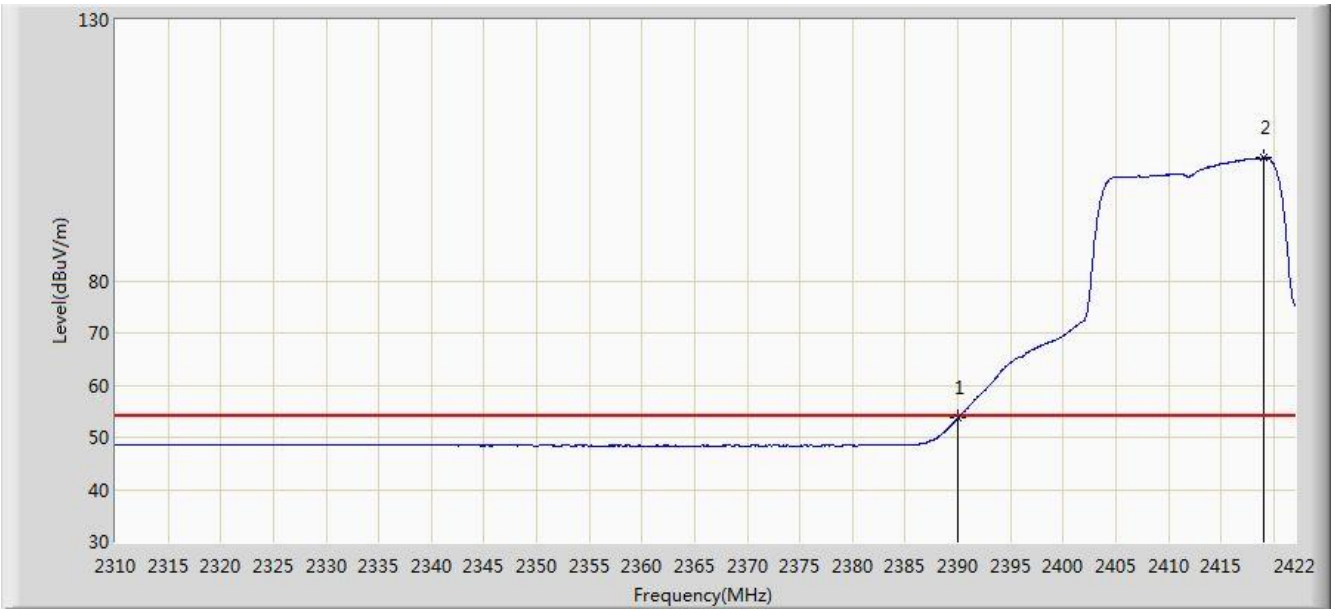


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	69.895	37.340	-4.105	74.000	32.555	PK
2			2390.000	69.978	37.424	-4.022	74.000	32.554	PK
3		*	2414.496	115.912	83.389	N/A	N/A	32.523	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1	

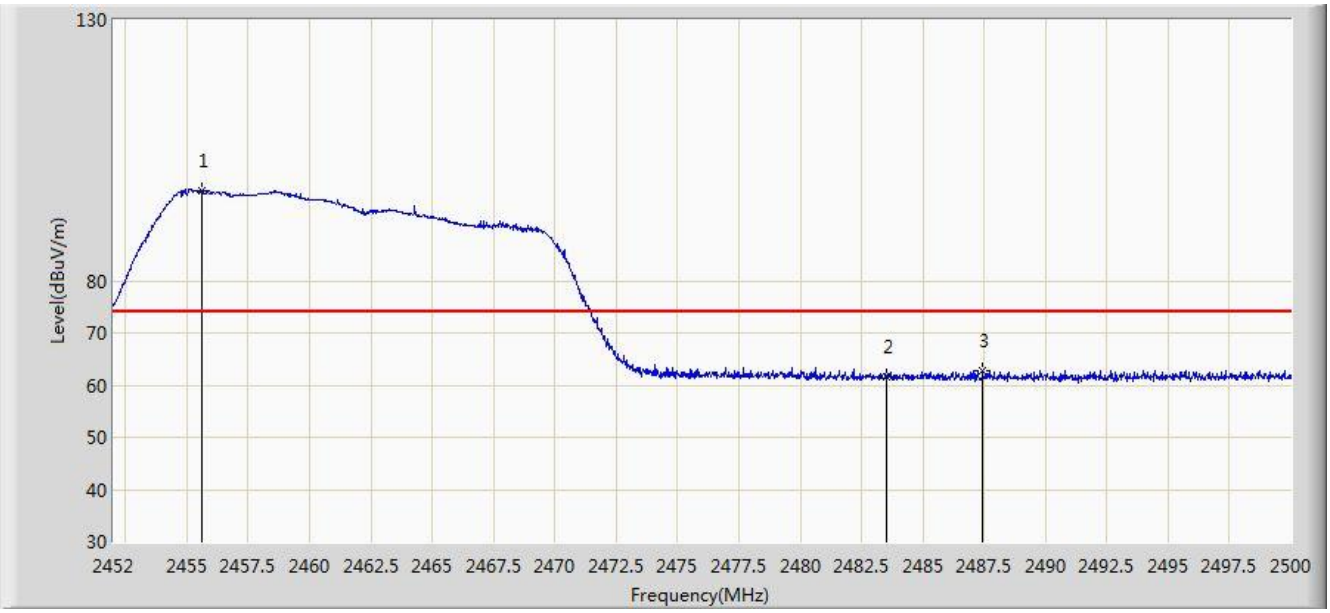


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.650	21.096	-0.350	54.000	32.554	AV
2		*	2419.088	103.518	71.001	N/A	N/A	32.517	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1	

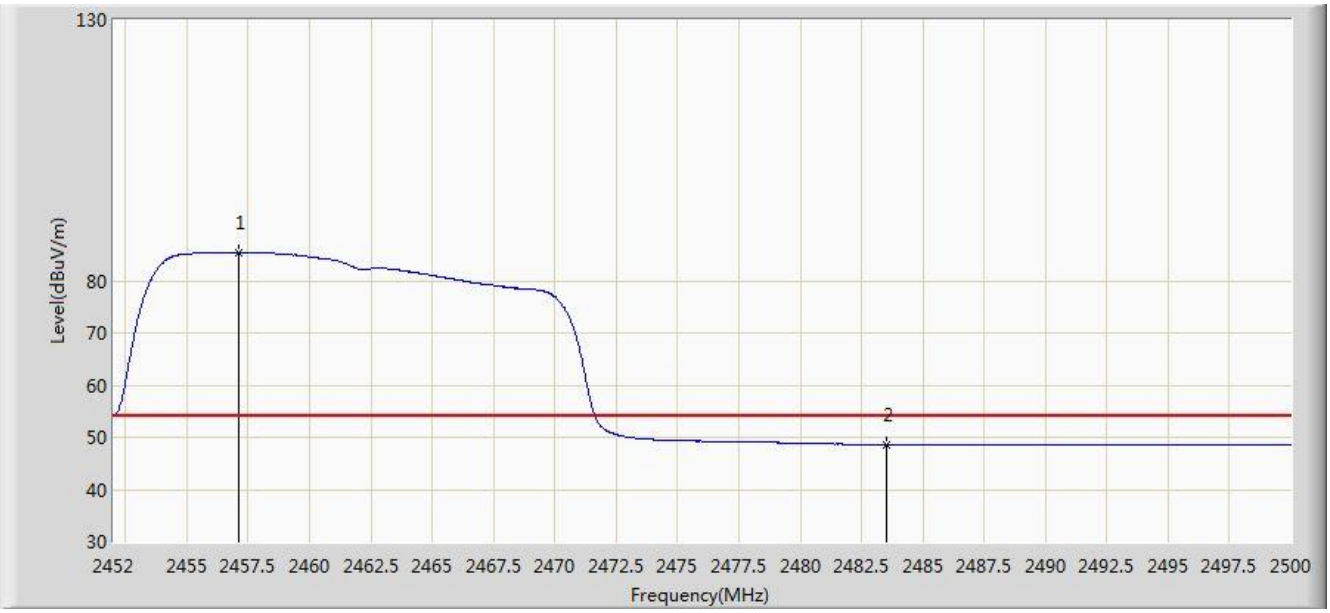


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.624	97.250	64.745	N/A	N/A	32.505	PK
2			2483.500	61.463	28.882	-12.537	74.000	32.580	PK
3			2487.424	62.819	30.227	-11.181	74.000	32.592	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1	

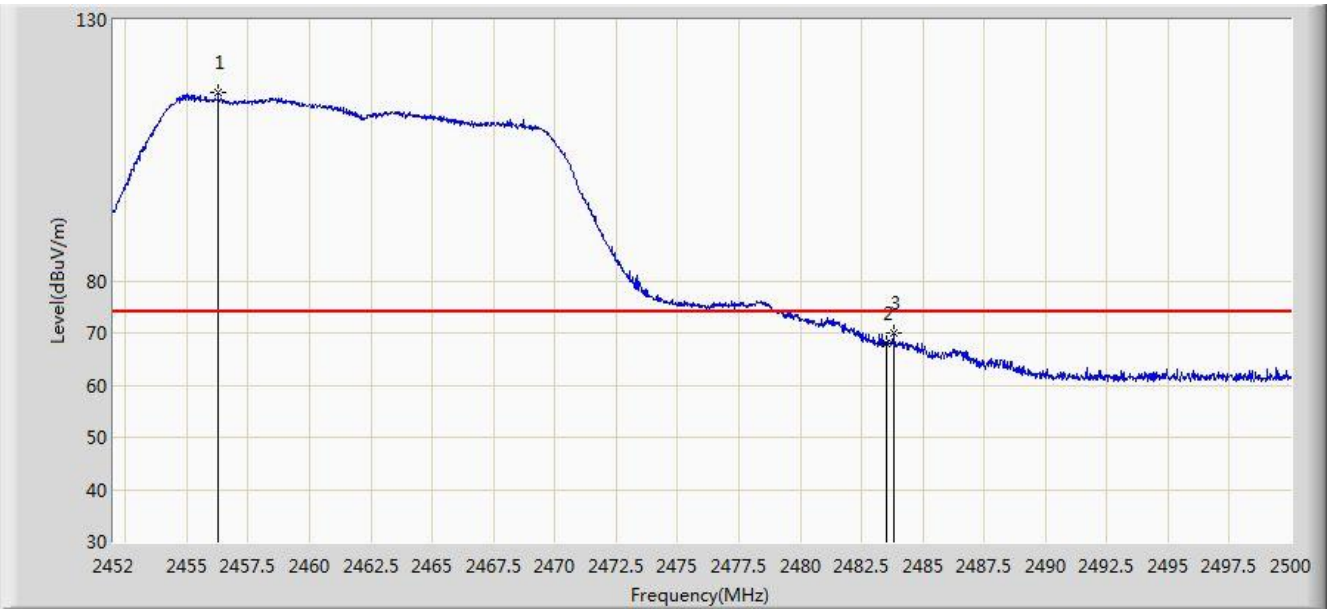


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.088	85.494	52.986	N/A	N/A	32.508	AV
2			2483.500	48.620	16.039	-5.380	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.272	115.959	83.453	N/A	N/A	32.507	PK
2			2483.500	67.954	35.373	-6.046	74.000	32.580	PK
3			2483.824	70.088	37.506	-3.912	74.000	32.582	PK

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

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

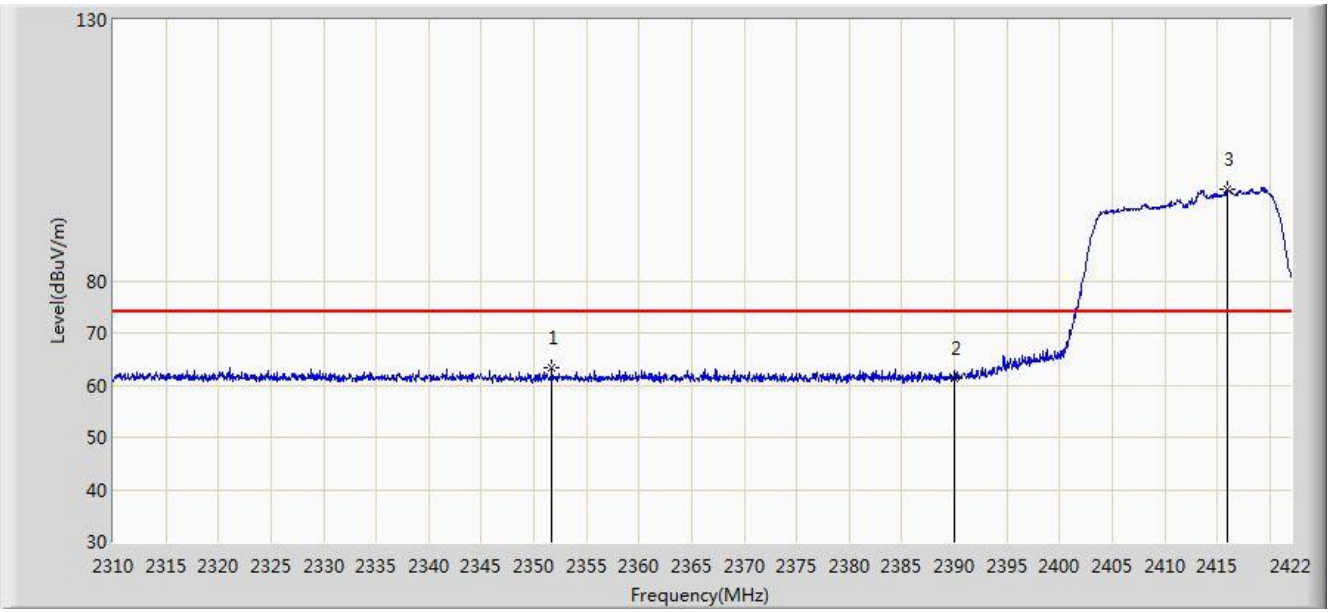
Site: AC1	Time: 2017/12/06 - 03:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.824	100.813	68.306	N/A	N/A	32.507	AV
2			2483.500	53.362	20.781	-0.638	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1	

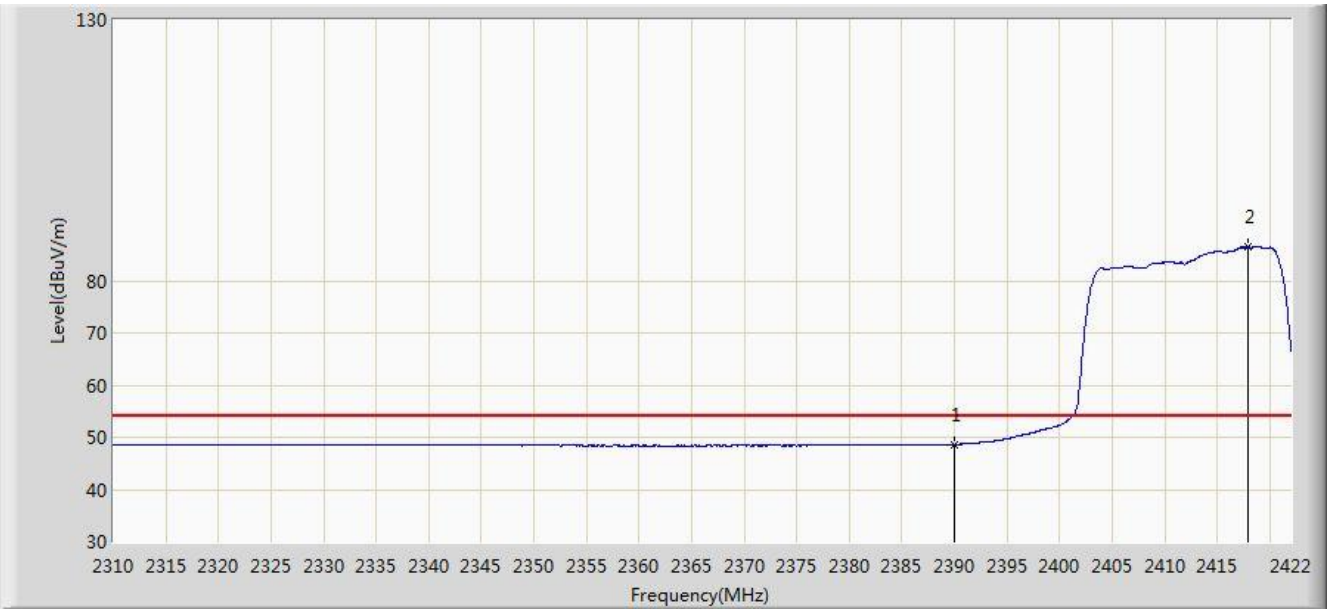


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2351.720	63.392	30.775	-10.608	74.000	32.617	PK
2			2390.000	61.225	28.671	-12.775	74.000	32.554	PK
3		*	2416.008	97.627	65.106	N/A	N/A	32.521	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1	

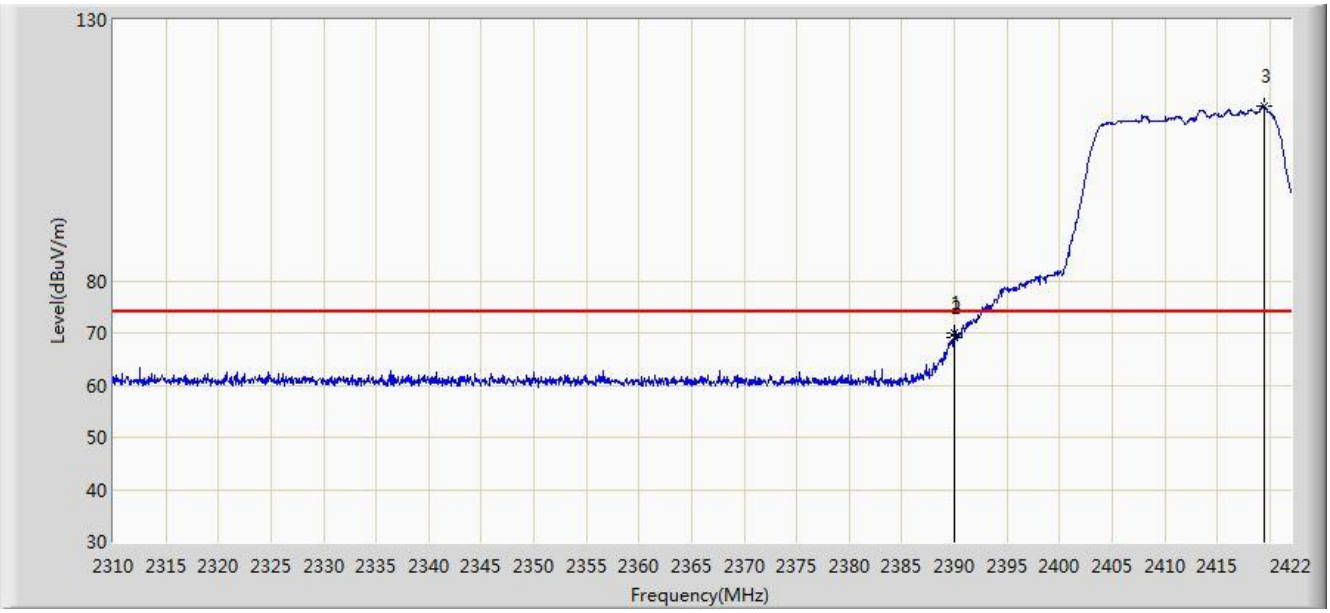


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.643	16.089	-5.357	54.000	32.554	AV
2		*	2417.968	86.390	53.872	N/A	N/A	32.518	AV

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

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

Site: AC1	Time: 2017/12/06 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1	

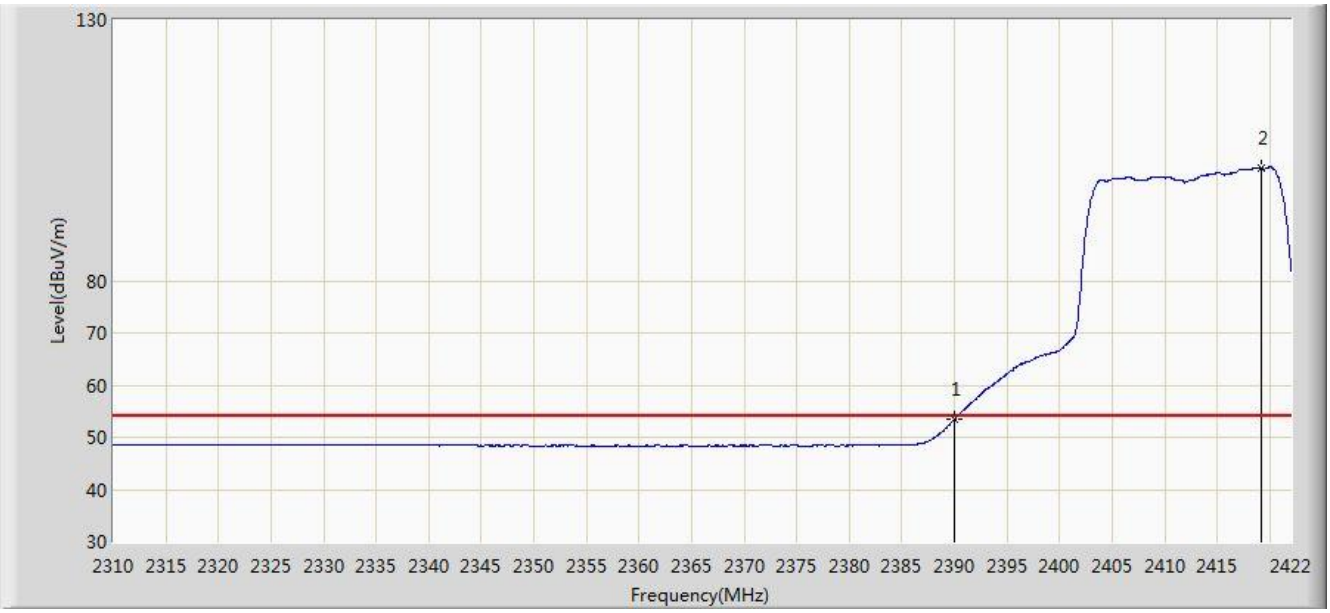


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.968	69.952	37.398	-4.048	74.000	32.554	PK
2			2390.000	69.227	36.673	-4.773	74.000	32.554	PK
3		*	2419.424	113.539	81.022	N/A	N/A	32.517	PK

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

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

Site: AC1	Time: 2017/12/06 - 03:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1	

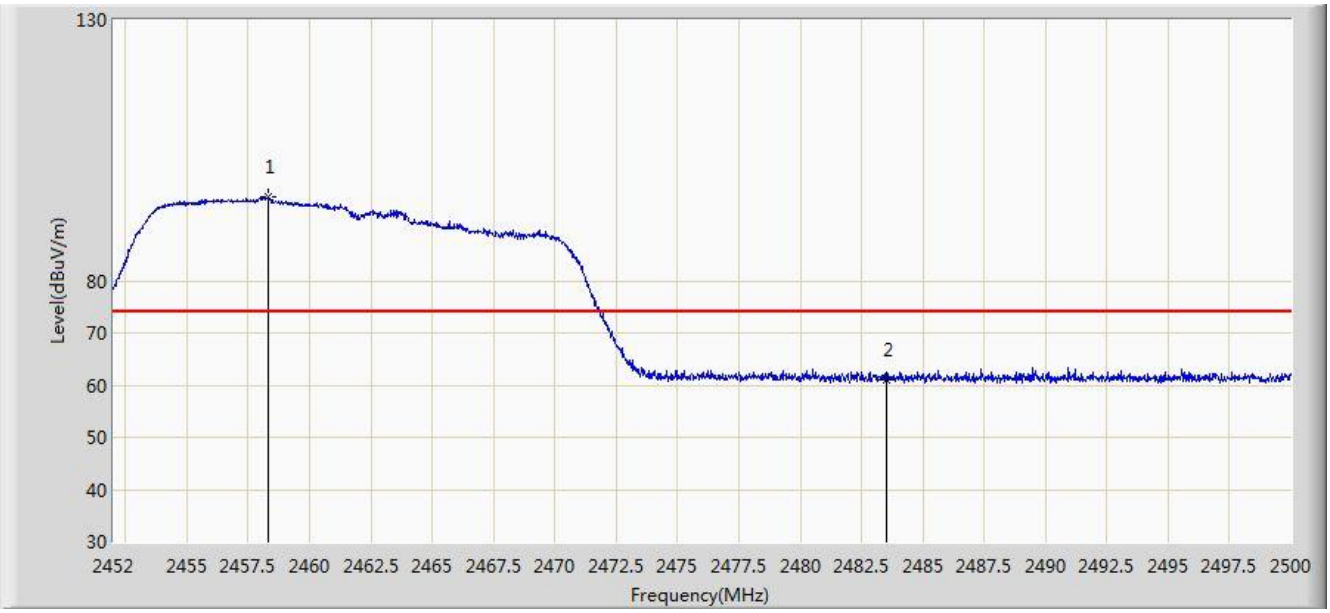


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.454	20.900	-0.546	54.000	32.554	AV
2		*	2419.144	101.588	69.071	N/A	N/A	32.517	AV

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

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

Site: AC1	Time: 2017/12/06 - 04:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.312	96.085	63.575	N/A	N/A	32.510	PK
2			2483.500	61.087	28.506	-12.913	74.000	32.580	PK

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

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

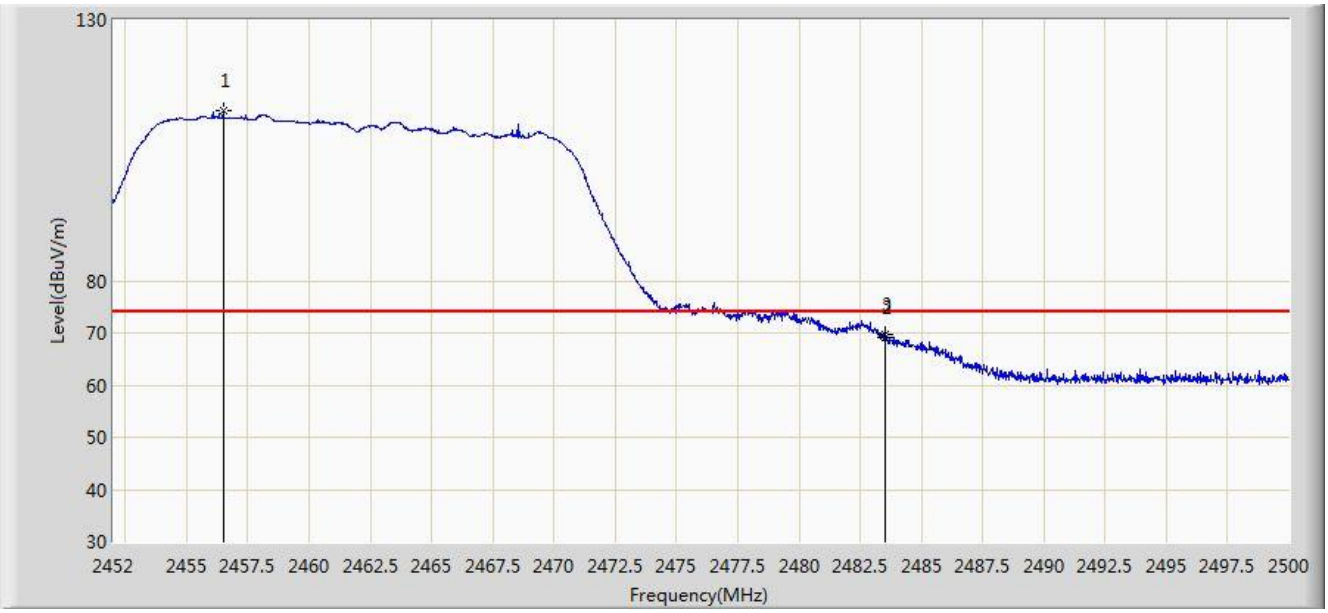
Site: AC1	Time: 2017/12/06 - 04:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.536	84.300	51.793	N/A	N/A	32.507	AV
2			2483.500	48.593	16.012	-5.407	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/12/06 - 04:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peter Xu
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.488	112.470	79.963	N/A	N/A	32.507	PK
2			2483.500	69.109	36.528	-4.891	74.000	32.580	PK
3			2483.512	69.623	37.042	-4.377	74.000	32.580	PK

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

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