

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

Channel 11 (2462MHz)

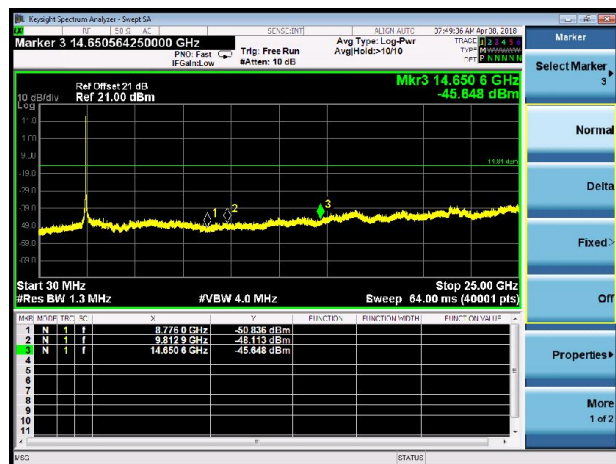
100kHz PSD Reference Level



High Band Edge



Spurious Emission



802.11n-HT40 Out-of-Band Emissions - Ant A

Channel 03 (2422MHz)

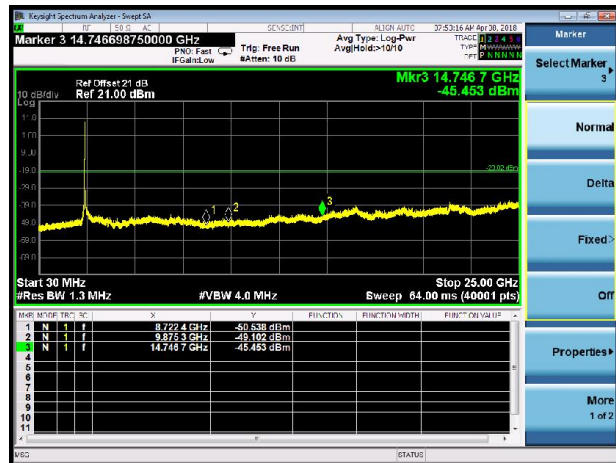
100kHz PSD Reference Level



Low Band Edge

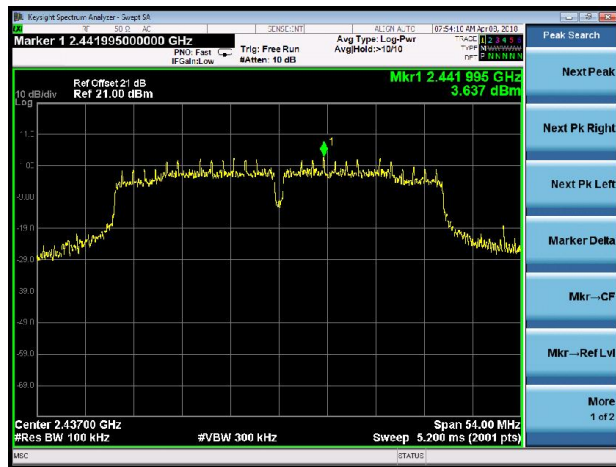


Spurious Emission

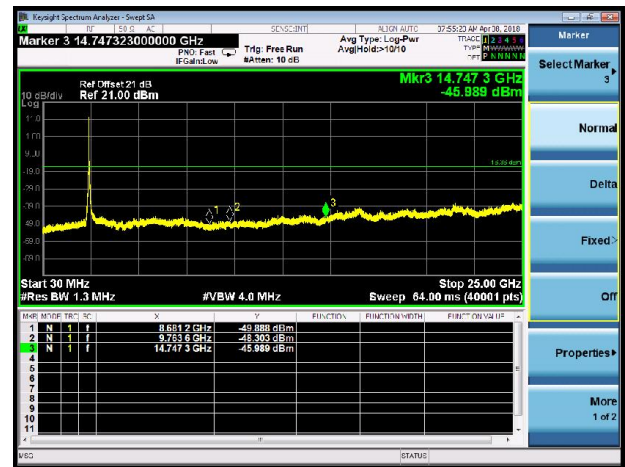


Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



802.11n-HT40 Out-of-Band Emissions - Ant A

Channel 9 (2452MHz)

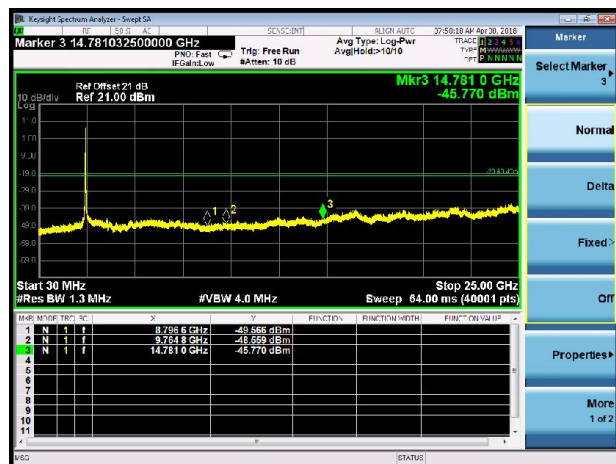
100kHz PSD Reference Level



High Band Edge



Spurious Emission



802.11b Out-of-Band Emissions - Ant B

Channel 01 (2412MHz)

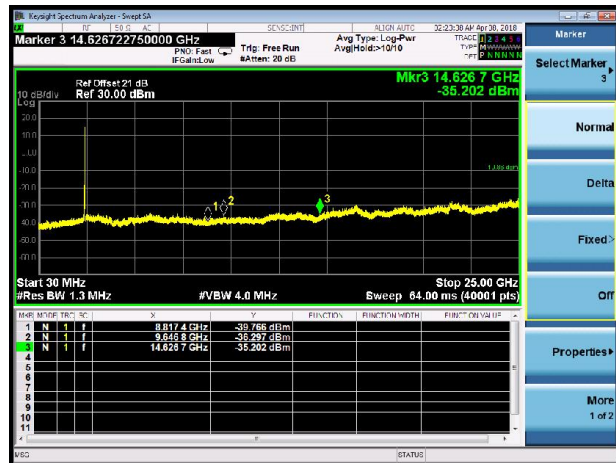
100kHz PSD Reference Level



Low Band Edge



Spurious Emission

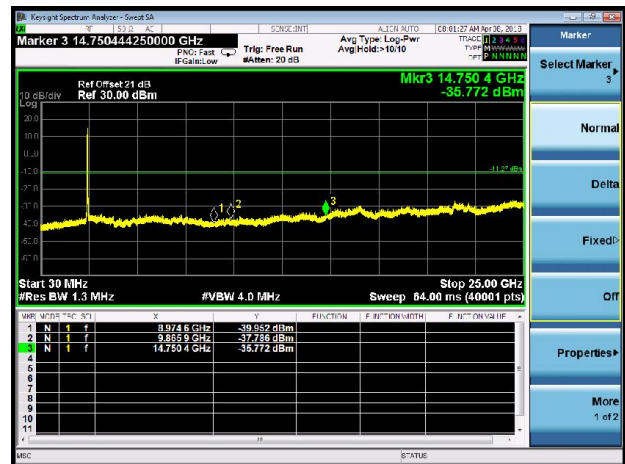


Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



802.11b Out-of-Band Emissions - Ant B

Channel 11 (2462MHz)

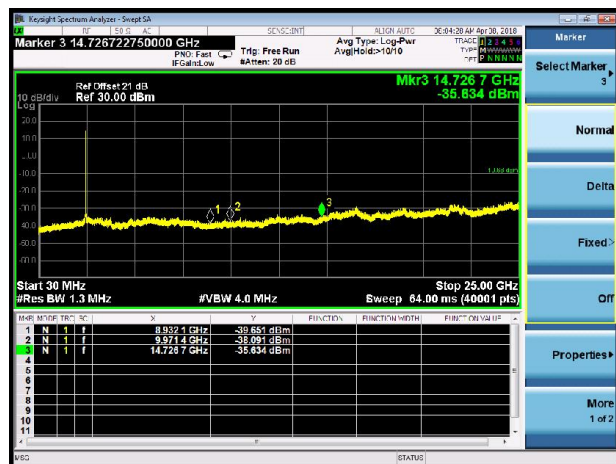
100kHz PSD Reference Level



High Band Edge



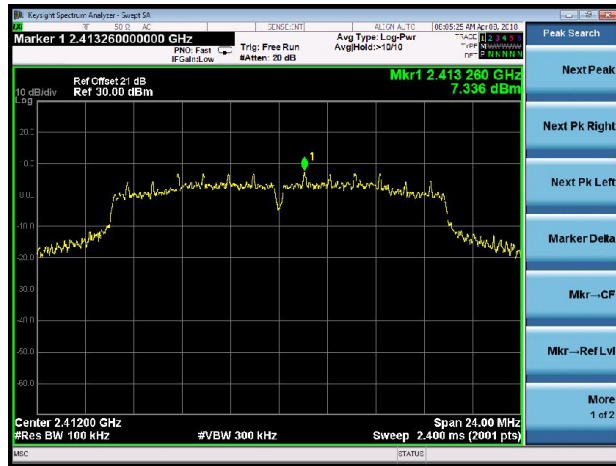
Spurious Emission



802.11g Out-of-Band Emissions - Ant B

Channel 01 (2412MHz)

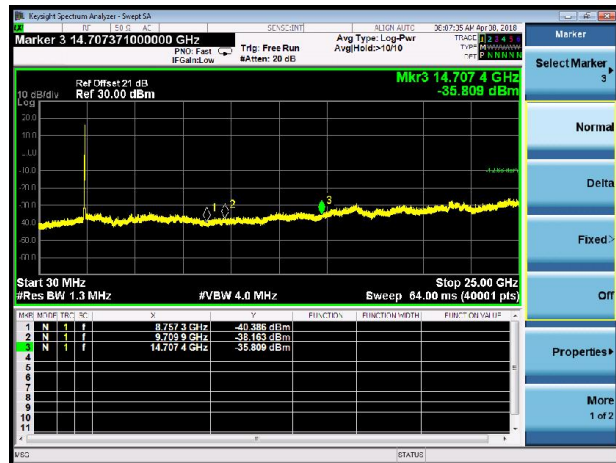
100kHz PSD Reference Level



Low Band Edge



Spurious Emission

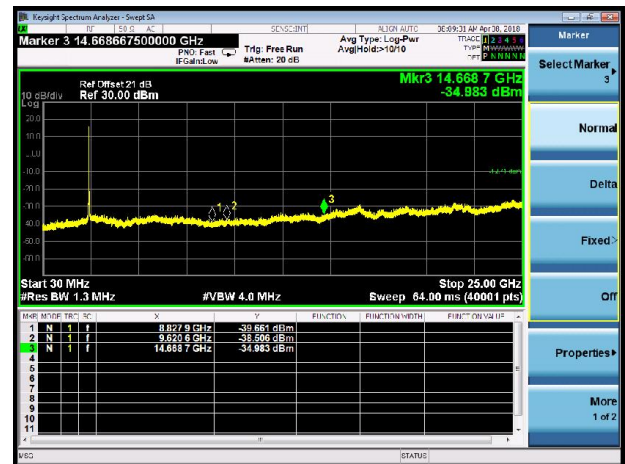


Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



802.11g Out-of-Band Emissions - Ant B

Channel 11 (2462MHz)

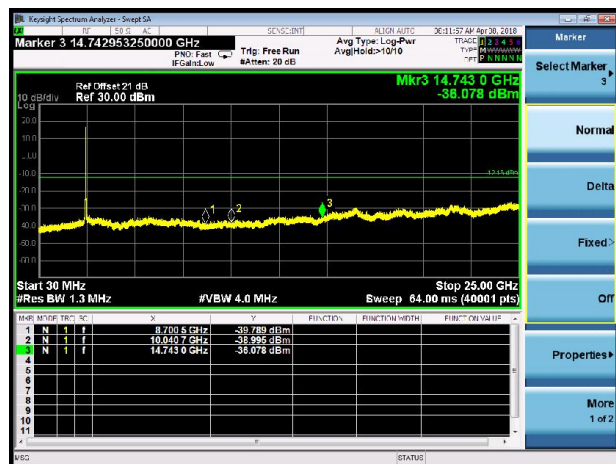
100kHz PSD Reference Level



High Band Edge



Spurious Emission



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

Channel 01 (2412MHz)

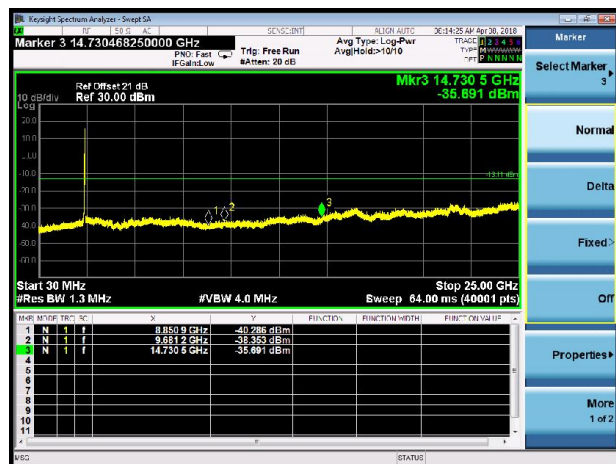
100kHz PSD Reference Level



Low Band Edge



Spurious Emission

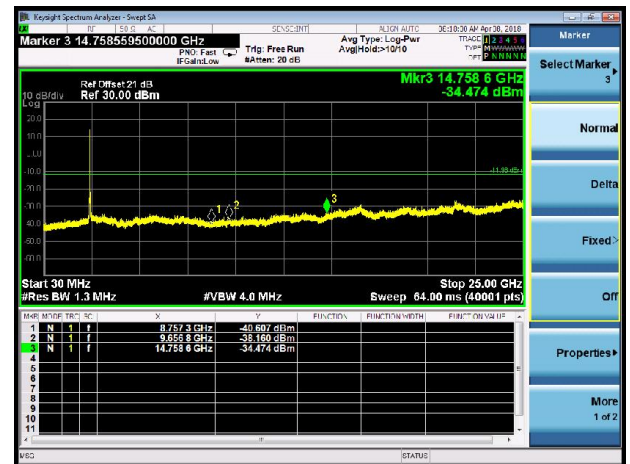


Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



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

Channel 11 (2462MHz)

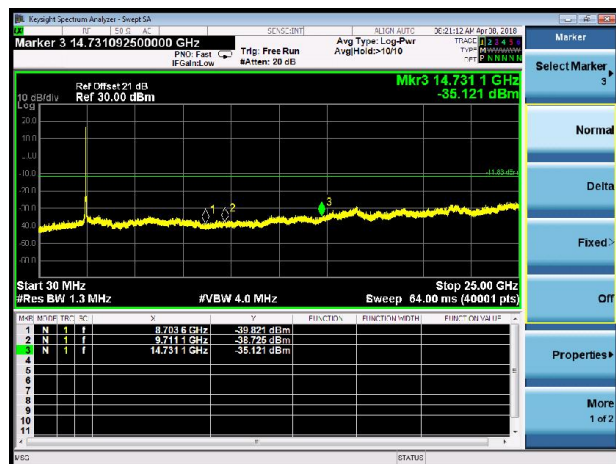
100kHz PSD Reference Level



High Band Edge



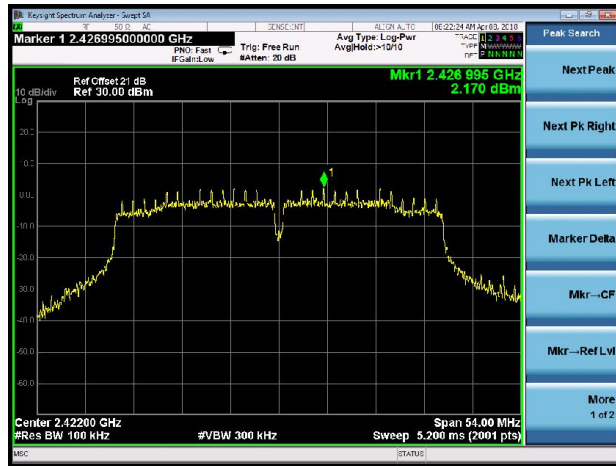
Spurious Emission



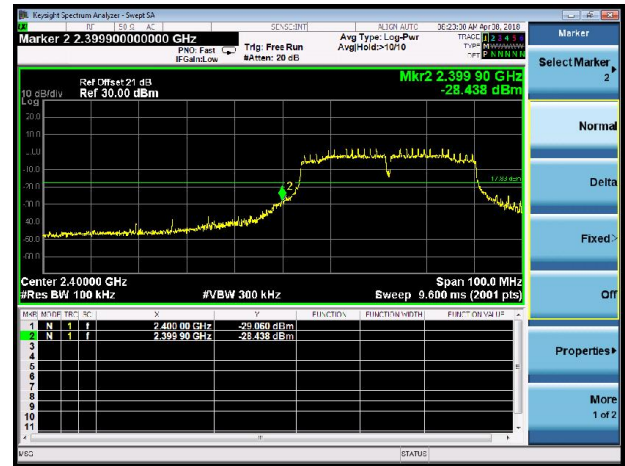
802.11n-HT40 Out-of-Band Emissions - Ant B

Channel 03 (2422MHz)

100kHz PSD Reference Level



Low Band Edge

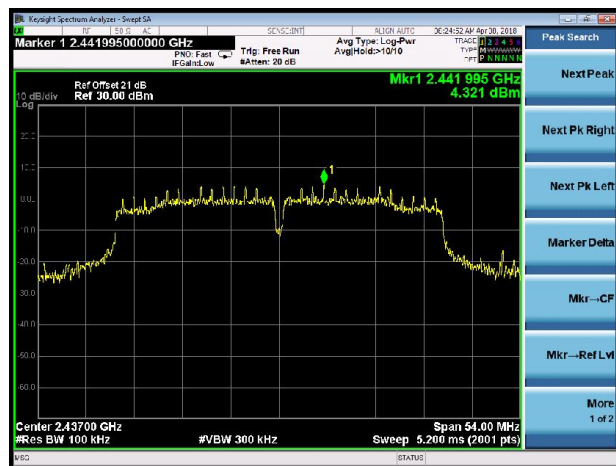


Spurious Emission



Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission



802.11n-HT40 Out-of-Band Emissions - Ant B

Channel 9 (2452MHz)

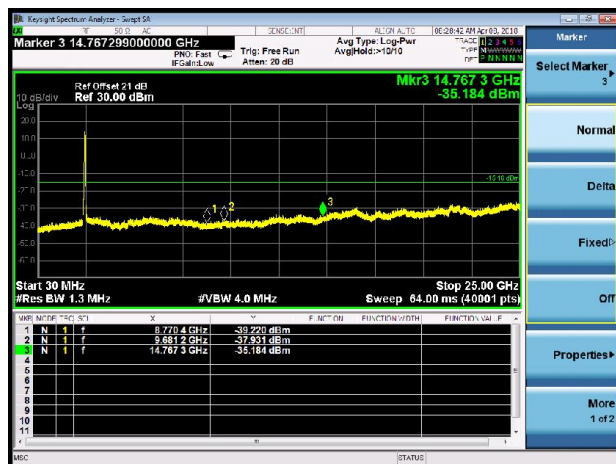
100kHz PSD Reference Level



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 [V/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

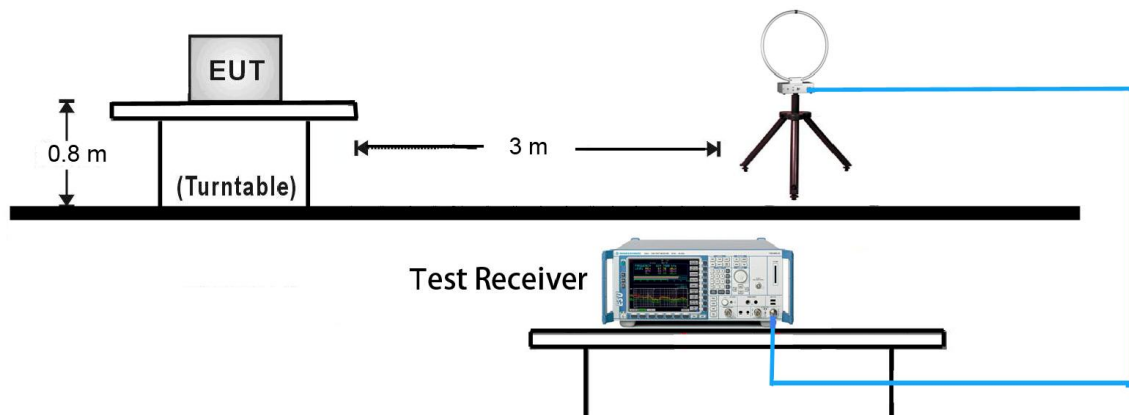
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

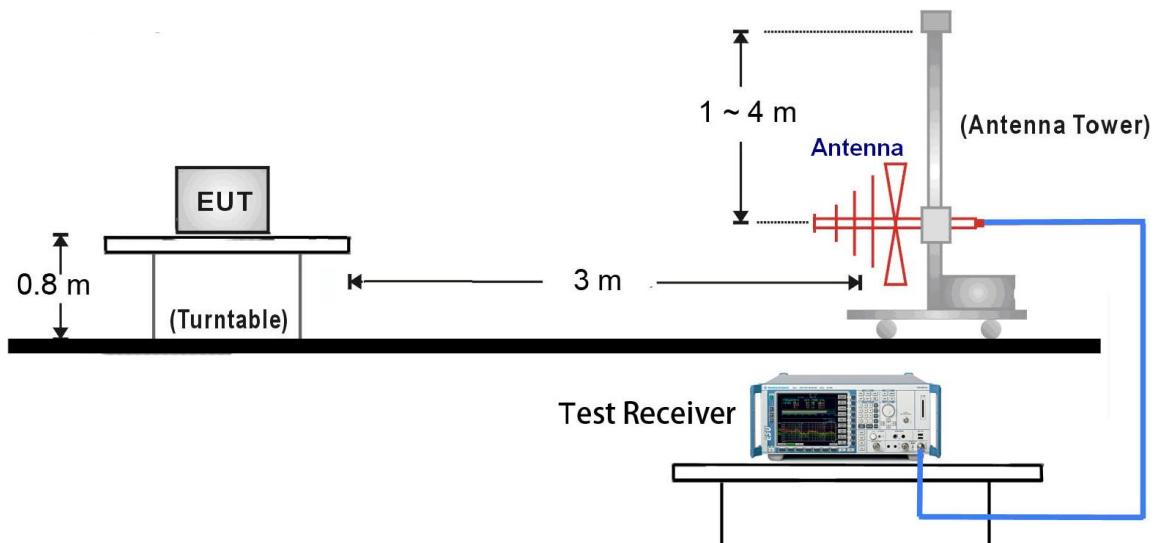
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain).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

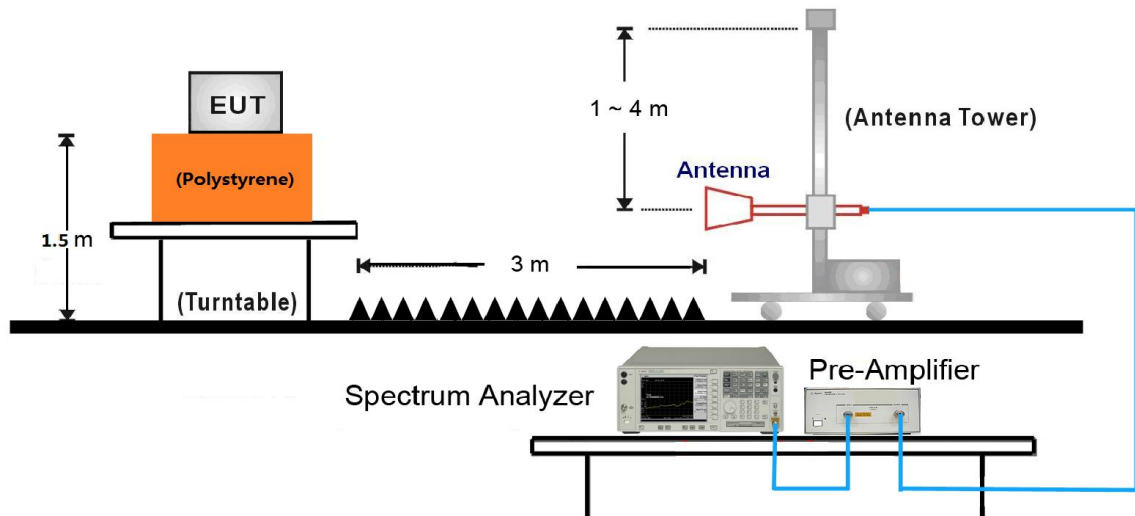
9kHz ~ 30MHz Test Setup:



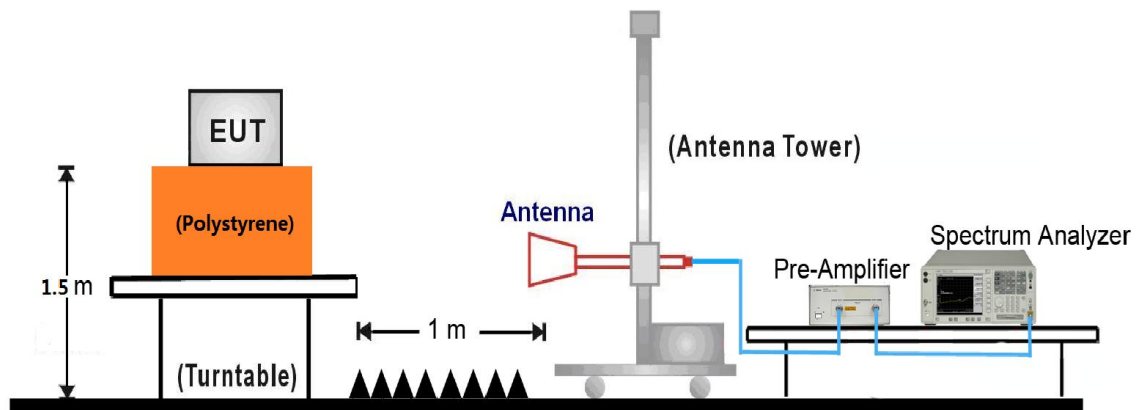
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~25GHz Test Setup:



7.6.5. Test Result

Product	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11b - Ant A	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
	3609.5	43.7	0.0	43.7	74.0	-30.3	Peak	Horizontal
	4595.5	43.5	3.1	46.6	74.0	-27.4	Peak	Horizontal
*	5641.0	42.3	4.6	46.9	85.3	-38.4	Peak	Horizontal
*	6525.0	40.1	8.5	48.6	85.3	-36.7	Peak	Horizontal
	3949.5	44.6	0.3	44.9	74.0	-29.1	Peak	Vertical
	4952.5	41.1	3.7	44.8	74.0	-29.2	Peak	Vertical
*	5641.0	42.7	4.6	47.3	85.3	-38.0	Peak	Vertical
*	7171.0	35.7	11.9	47.6	85.3	-37.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (105.3dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11b - Ant A	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
	3805.0	46.2	0.2	46.4	74.0	-27.6	Peak	Horizontal
	4893.0	46.6	3.7	50.3	74.0	-23.7	Peak	Horizontal
*	6380.5	41.6	7.6	49.2	85.5	-36.3	Peak	Horizontal
*	7128.5	34.4	11.7	46.1	85.5	-39.4	Peak	Horizontal
	4009.0	47.8	0.4	48.2	74.0	-25.8	Peak	Vertical
	4646.5	43.1	3.4	46.5	74.0	-27.5	Peak	Vertical
*	5641.0	42.0	4.6	46.6	85.5	-38.9	Peak	Vertical
*	7120.0	36.1	11.6	47.7	85.5	-37.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (105.5dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11b - Ant A	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
	3796.5	46.3	0.2	46.5	74.0	-27.5	Peak	Horizontal
	4595.5	43.0	3.1	46.1	74.0	-27.9	Peak	Horizontal
*	6083.0	41.1	6.4	47.5	84.5	-37.0	Peak	Horizontal
*	7995.5	34.9	12.5	47.4	84.5	-37.1	Peak	Horizontal
	3796.5	45.0	0.2	45.2	74.0	-28.8	Peak	Vertical
	4833.5	42.3	3.7	46.0	74.0	-28.0	Peak	Vertical
*	6380.5	37.6	7.6	45.2	84.5	-39.3	Peak	Vertical
*	7094.5	35.3	11.4	46.7	84.5	-37.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (104.5dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11g - Ant A	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
	3703.0	46.4	0.1	46.5	74.0	-27.5	Peak	Horizontal
	4595.5	44.8	3.1	47.9	74.0	-26.1	Peak	Horizontal
*	6380.5	40.3	7.6	47.9	86.7	-38.8	Peak	Horizontal
*	8012.5	36.4	12.5	48.9	86.7	-37.8	Peak	Horizontal
	3907.0	44.3	0.3	44.6	74.0	-29.4	Peak	Vertical
	4595.5	42.9	3.1	46.0	74.0	-28.0	Peak	Vertical
*	5641.0	42.4	4.6	47.0	86.7	-39.7	Peak	Vertical
*	6822.5	39.5	9.2	48.7	86.7	-38.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (106.7dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11g - Ant A	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
	3703.0	46.2	0.1	46.3	74.0	-27.7	Peak	Horizontal
	4646.5	43.0	3.4	46.4	74.0	-27.6	Peak	Horizontal
*	6380.5	40.1	7.6	47.7	87.9	-40.2	Peak	Horizontal
*	7876.5	35.1	12.4	47.5	87.9	-40.4	Peak	Horizontal
	3907.0	44.8	0.3	45.1	74.0	-28.9	Peak	Vertical
	4893.0	44.1	3.7	47.8	74.0	-26.2	Peak	Vertical
*	6525.0	40.2	8.5	48.7	87.9	-39.2	Peak	Vertical
*	7825.5	34.9	12.4	47.3	87.9	-40.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (107.9dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11g - Ant A	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
	3771.0	46.8	0.2	47.0	74.0	-27.0	Peak	Horizontal
	4697.5	43.9	3.6	47.5	74.0	-26.5	Peak	Horizontal
*	6380.5	41.5	7.6	49.1	86.1	-37.0	Peak	Horizontal
*	7842.5	35.4	12.4	47.8	86.1	-38.3	Peak	Horizontal
	3703.0	44.4	0.1	44.5	74.0	-29.5	Peak	Vertical
	4646.5	42.0	3.4	45.4	74.0	-28.6	Peak	Vertical
*	6380.5	38.5	7.6	46.1	86.1	-40.0	Peak	Vertical
*	7970.0	34.9	12.5	47.4	86.1	-38.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (106.1dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT20 - Ant A	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
	3907.0	46.5	0.3	46.8	74.0	-27.2	Peak	Horizontal
	5097.0	44.3	4.2	48.5	74.0	-25.5	Peak	Horizontal
*	6525.0	40.0	8.5	48.5	86.8	-38.3	Peak	Horizontal
*	8004.0	35.8	12.5	48.3	86.8	-38.5	Peak	Horizontal
	3703.0	44.7	0.1	44.8	74.0	-29.2	Peak	Vertical
	5105.5	41.7	4.2	45.9	74.0	-28.1	Peak	Vertical
*	6525.0	38.1	8.5	46.6	86.8	-40.2	Peak	Vertical
*	7978.5	35.6	12.5	48.1	86.8	-38.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (106.8dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT20 - Ant A	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
	3907.0	47.5	0.3	47.8	74.0	-26.2	Peak	Horizontal
	4952.5	45.3	3.7	49.0	74.0	-25.0	Peak	Horizontal
*	7128.5	34.7	11.7	46.4	88.3	-41.9	Peak	Horizontal
*	7987.0	34.8	12.5	47.3	88.3	-41.0	Peak	Horizontal
	3771.0	44.8	0.2	45.0	74.0	-29.0	Peak	Vertical
	4952.5	42.9	3.7	46.6	74.0	-27.4	Peak	Vertical
*	6525.0	39.7	8.5	48.2	88.3	-40.1	Peak	Vertical
*	7987.0	34.9	12.5	47.4	88.3	-40.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (108.3dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT20 - Ant A	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
	3754.0	45.3	0.2	45.5	74.0	-28.5	Peak	Horizontal
	4986.5	43.0	3.8	46.8	74.0	-27.2	Peak	Horizontal
*	7902.0	35.7	12.4	48.1	85.2	-37.1	Peak	Horizontal
*	9653.0	35.1	14.5	49.6	85.2	-35.6	Peak	Horizontal
	3907.0	45.0	0.3	45.3	74.0	-28.7	Peak	Vertical
	5105.5	41.9	4.2	46.1	74.0	-27.9	Peak	Vertical
*	7077.5	33.7	11.3	45.0	85.2	-40.2	Peak	Vertical
*	9874.0	34.5	15.8	50.3	85.2	-34.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (105.2dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT40 - Ant A	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
	3949.5	45.1	0.3	45.4	74.0	-28.6	Peak	Horizontal
	4944.0	46.3	3.7	50.0	74.0	-24.0	Peak	Horizontal
*	6525.0	41.5	8.5	50.0	79.8	-29.8	Peak	Horizontal
*	7876.5	34.8	12.4	47.2	79.8	-32.6	Peak	Horizontal
	3915.5	43.8	0.3	44.1	74.0	-29.9	Peak	Vertical
	5037.5	39.5	4.0	43.5	74.0	-30.5	Peak	Vertical
*	6525.0	37.6	8.5	46.1	79.8	-33.7	Peak	Vertical
*	7825.5	33.5	12.4	45.9	79.8	-33.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.8dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT40 - Ant A	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
	3805.0	45.5	0.2	45.7	74.0	-28.3	Peak	Horizontal
	4944.0	44.7	3.7	48.4	74.0	-25.6	Peak	Horizontal
*	6822.5	38.9	9.2	48.1	82.0	-33.9	Peak	Horizontal
*	7783.0	34.9	12.4	47.3	82.0	-34.7	Peak	Horizontal
	3626.5	43.0	0.0	43.0	74.0	-31.0	Peak	Vertical
	4791.0	36.5	3.7	40.2	74.0	-33.8	Peak	Vertical
*	6822.5	37.0	9.2	46.2	82.0	-35.8	Peak	Vertical
*	7893.5	34.5	12.4	46.9	82.0	-35.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (102.0dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT40 - Ant A	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
	3703.0	46.2	0.1	46.3	74.0	-27.7	Peak	Horizontal
	4986.5	43.6	3.8	47.4	74.0	-26.6	Peak	Horizontal
*	6525.0	38.9	8.5	47.4	78.2	-30.8	Peak	Horizontal
*	7893.5	34.5	12.4	46.9	78.2	-31.3	Peak	Horizontal
	3660.5	44.0	0.1	44.1	74.0	-29.9	Peak	Vertical
	4808.0	41.3	3.7	45.0	74.0	-29.0	Peak	Vertical
*	6975.5	35.1	10.4	45.5	78.2	-32.7	Peak	Vertical
*	9551.0	33.5	14.4	47.9	78.2	-30.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.2dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11b - Ant B	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
	3609.5	46.7	0.0	46.7	74.0	-27.3	Peak	Horizontal
	4833.5	43.1	3.7	46.8	74.0	-27.2	Peak	Horizontal
*	6678.0	40.1	8.7	48.8	77.0	-28.2	Peak	Horizontal
*	7987.0	35.1	12.5	47.6	77.0	-29.4	Peak	Horizontal
	3771.0	44.4	0.2	44.6	74.0	-29.4	Peak	Vertical
	5097.0	43.1	4.2	47.3	74.0	-26.7	Peak	Vertical
*	7239.0	34.9	13.9	48.8	77.0	-28.2	Peak	Vertical
*	9534.0	34.3	14.4	48.7	77.0	-28.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (97.0dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11b - Ant B	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
	3652.0	45.6	0.1	45.7	74.0	-28.3	Peak	Horizontal
	5097.0	45.4	4.2	49.6	74.0	-24.4	Peak	Horizontal
*	6975.5	36.5	10.4	46.9	78.1	-31.2	Peak	Horizontal
*	9687.0	35.7	14.6	50.3	78.1	-27.8	Peak	Horizontal
	3907.0	44.5	0.3	44.8	74.0	-29.2	Peak	Vertical
	4986.5	42.0	3.8	45.8	74.0	-28.2	Peak	Vertical
*	6822.5	38.4	9.2	47.6	78.1	-30.5	Peak	Vertical
*	7961.5	35.2	12.5	47.7	78.1	-30.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.1dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11b - Ant B	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
	3703.0	44.6	0.1	44.7	74.0	-29.3	Peak	Horizontal
	5105.5	43.1	4.2	47.3	74.0	-26.7	Peak	Horizontal
*	6822.5	38.8	9.2	48.0	78.2	-30.2	Peak	Horizontal
*	7953.0	34.7	12.5	47.2	78.2	-31.0	Peak	Horizontal
	4051.5	43.9	0.5	44.4	74.0	-29.6	Peak	Vertical
	4944.0	43.7	3.7	47.4	74.0	-26.6	Peak	Vertical
*	7026.5	35.4	10.8	46.2	78.2	-32.0	Peak	Vertical
*	9857.0	33.5	16.2	49.7	78.2	-28.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.2dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11g - Ant B	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
	3609.5	46.0	0.0	46.0	74.0	-28.0	Peak	Horizontal
	5105.5	43.8	4.2	48.0	74.0	-26.0	Peak	Horizontal
*	6227.5	40.5	6.9	47.4	79.8	-32.4	Peak	Horizontal
*	7842.5	34.3	12.4	46.7	79.8	-33.1	Peak	Horizontal
	3703.0	43.2	0.1	43.3	74.0	-30.7	Peak	Vertical
	4893.0	44.1	3.7	47.8	74.0	-26.2	Peak	Vertical
*	6678.0	39.3	8.7	48.0	79.8	-31.8	Peak	Vertical
*	7995.5	35.6	12.5	48.1	79.8	-31.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.8dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11g - Ant B	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
	3796.5	45.5	0.2	45.7	74.0	-28.3	Peak	Horizontal
	4986.5	43.3	3.8	47.1	74.0	-26.9	Peak	Horizontal
*	6822.5	38.9	9.2	48.1	79.8	-31.7	Peak	Horizontal
*	9585.0	34.7	14.4	49.1	79.8	-30.7	Peak	Horizontal
	3915.5	45.7	0.3	46.0	74.0	-28.0	Peak	Vertical
	5037.5	41.7	4.0	45.7	74.0	-28.3	Peak	Vertical
*	6822.5	37.8	9.2	47.0	79.8	-32.8	Peak	Vertical
*	9508.5	32.7	14.4	47.1	79.8	-32.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.8dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11g - Ant B	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
	3626.5	44.5	1.7	46.2	74.0	-27.8	Peak	Horizontal
	4952.5	43.8	5.7	49.5	74.0	-24.5	Peak	Horizontal
*	6525.0	38.2	10.5	48.7	79.8	-31.1	Peak	Horizontal
*	7910.5	32.5	14.6	47.1	79.8	-32.7	Peak	Horizontal
	3771.0	45.2	0.2	45.4	74.0	-28.6	Peak	Vertical
	4748.5	45.2	3.7	48.9	74.0	-25.1	Peak	Vertical
*	6525.0	39.7	8.5	48.2	79.8	-31.6	Peak	Vertical
*	7774.5	34.1	12.4	46.5	79.8	-33.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.8dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT20 - Ant B	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
	3703.0	44.5	0.1	44.6	74.0	-29.4	Peak	Horizontal
	4944.0	43.4	3.7	47.1	74.0	-26.9	Peak	Horizontal
*	6975.5	36.2	10.4	46.6	79.1	-32.5	Peak	Horizontal
*	7970.0	35.0	12.5	47.5	79.1	-31.6	Peak	Horizontal
	4051.5	44.8	0.5	45.3	74.0	-28.7	Peak	Vertical
	5097.0	44.8	4.2	49.0	74.0	-25.0	Peak	Vertical
*	6525.0	37.9	8.5	46.4	79.1	-32.7	Peak	Vertical
*	7817.0	34.7	12.4	47.1	79.1	-32.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.1dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT20 - Ant B	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
	3703.0	43.3	0.1	43.4	74.0	-30.6	Peak	Horizontal
	4893.0	45.1	3.7	48.8	74.0	-25.2	Peak	Horizontal
*	6975.5	36.6	10.4	47.0	79.3	-32.3	Peak	Horizontal
*	7987.0	34.6	12.5	47.1	79.3	-32.2	Peak	Horizontal
	4009.0	47.3	0.4	47.7	74.0	-26.3	Peak	Vertical
	4995.0	43.1	3.8	46.9	74.0	-27.1	Peak	Vertical
*	6593.0	35.9	8.7	44.6	79.3	-34.7	Peak	Vertical
*	7876.5	34.9	12.4	47.3	79.3	-32.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.3dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT20 - Ant B	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
	3915.5	47.4	0.3	47.7	74.0	-26.3	Peak	Horizontal
	5097.0	45.4	4.2	49.6	74.0	-24.4	Peak	Horizontal
*	6525.0	41.2	8.5	49.7	79.2	-29.5	Peak	Horizontal
*	7902.0	35.2	12.4	47.6	79.2	-31.6	Peak	Horizontal
	3703.0	43.3	0.1	43.4	74.0	-30.6	Peak	Vertical
	4850.5	41.5	3.7	45.2	74.0	-28.8	Peak	Vertical
*	6924.5	35.8	10.0	45.8	79.2	-33.4	Peak	Vertical
*	9593.5	33.7	14.4	48.1	79.2	-31.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.2dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT40 - Ant B	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
	3703.0	44.6	0.1	44.7	74.0	-29.3	Peak	Horizontal
	5105.5	42.5	4.2	46.7	74.0	-27.3	Peak	Horizontal
*	6822.5	37.6	9.2	46.8	75.6	-28.8	Peak	Horizontal
*	9576.5	33.4	14.4	47.8	75.6	-27.8	Peak	Horizontal
	3771.0	43.0	0.2	43.2	74.0	-30.8	Peak	Vertical
	4595.5	42.0	3.1	45.1	74.0	-28.9	Peak	Vertical
*	6508.0	37.3	8.4	45.7	75.6	-29.9	Peak	Vertical
*	8012.5	35.1	12.5	47.6	75.6	-28.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.6dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT40 - Ant B	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
	3609.5	45.6	0.0	45.6	74.0	-28.4	Peak	Horizontal
	4893.0	46.1	3.7	49.8	74.0	-24.2	Peak	Horizontal
*	6525.0	39.4	8.5	47.9	76.8	-28.9	Peak	Horizontal
*	7910.5	34.5	12.4	46.9	76.8	-29.9	Peak	Horizontal
	3703.0	44.7	0.1	44.8	74.0	-29.2	Peak	Vertical
	4893.0	45.5	3.7	49.2	74.0	-24.8	Peak	Vertical
*	6525.0	39.0	8.5	47.5	76.8	-29.3	Peak	Vertical
*	7825.5	35.1	12.4	47.5	76.8	-29.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (96.8dBμV/m) or FCC 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	Acute Angle PC	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2018/04/10
Test Mode:	802.11n-HT40 - Ant B	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
	3703.0	45.6	0.1	45.7	74.0	-28.3	Peak	Horizontal
	4986.5	43.3	3.8	47.1	74.0	-26.9	Peak	Horizontal
*	6525.0	40.0	8.5	48.5	76.3	-27.8	Peak	Horizontal
*	7876.5	34.3	12.4	46.7	76.3	-29.6	Peak	Horizontal
	3609.5	43.8	0.0	43.8	74.0	-30.2	Peak	Vertical
	4986.5	41.7	3.8	45.5	74.0	-28.5	Peak	Vertical
*	6822.5	38.1	9.2	47.3	76.3	-29.0	Peak	Vertical
*	9857.0	32.8	16.2	49.0	76.3	-27.3	Peak	Vertical

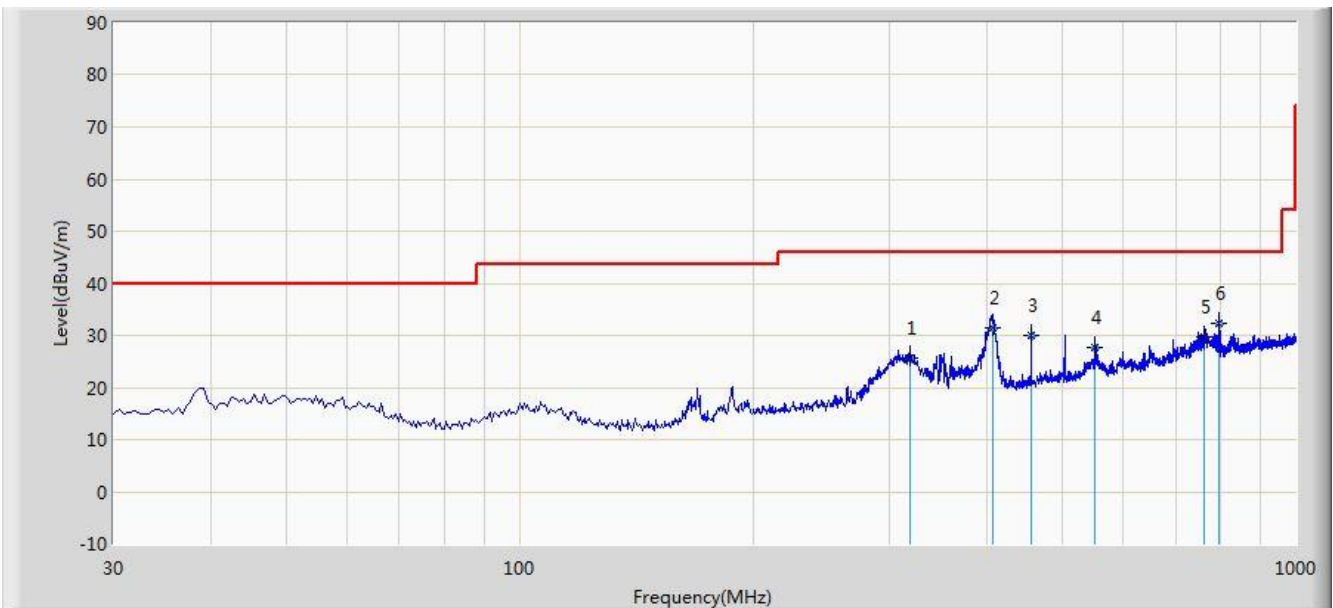
Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (96.3dBμV/m) or FCC 15.209 which is higher.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/04/04 - 17:36
Limit: FCC_Part15.209_RE(3m)_Class B	Test Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11b at Channel 2412MHz, Ant A	



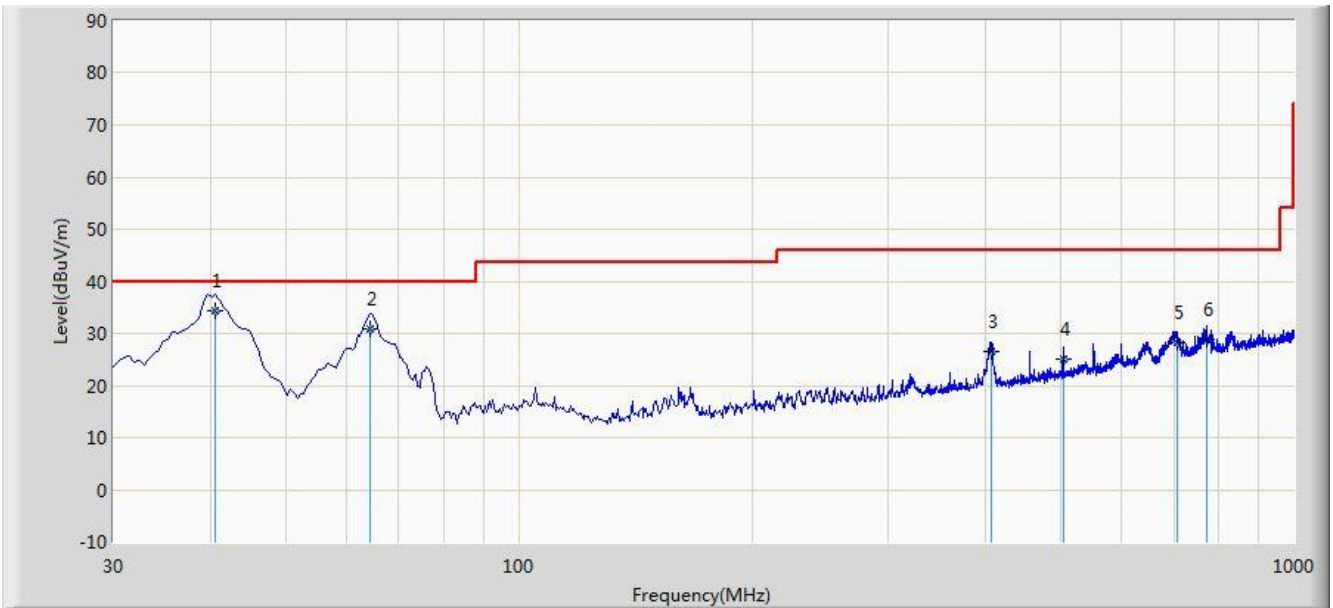
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			318.575	25.570	10.240	-20.430	46.000	15.330	QP
2			406.360	31.364	14.210	-14.636	46.000	17.153	QP
3			455.830	29.903	12.040	-16.097	46.000	17.863	QP
4			551.860	27.684	8.140	-18.316	46.000	19.544	QP
5			762.350	29.668	6.870	-16.332	46.000	22.798	QP
6		*	796.250	32.346	9.140	-13.654	46.000	23.206	QP

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

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

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

Site: AC1	Time: 2018/04/04 - 17:37
Limit: FCC_Part15.209_RE(3m)_Class B	Test Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11b at Channel 2412MHz, Ant A	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	40.670	34.248	20.150	-5.752	40.000	14.098	QP
2			64.435	30.903	18.040	-9.097	40.000	12.864	QP
3			407.815	26.384	9.210	-19.616	46.000	17.174	QP
4			503.845	24.934	6.210	-21.066	46.000	18.724	QP
5			707.545	28.297	6.210	-17.703	46.000	22.086	QP
6			771.565	28.895	5.980	-17.105	46.000	22.915	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + 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

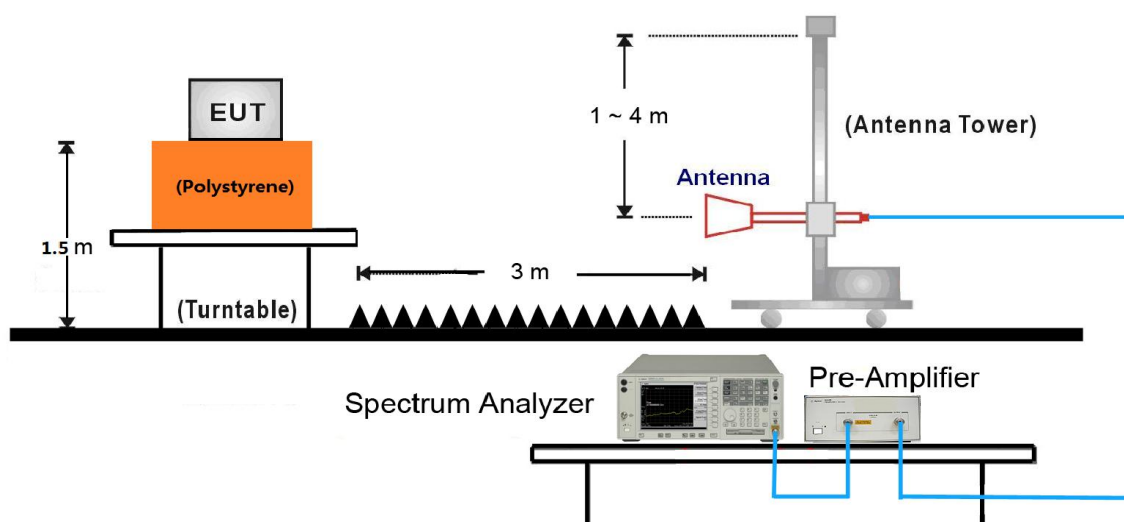
Peak Field Strength Measurements

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

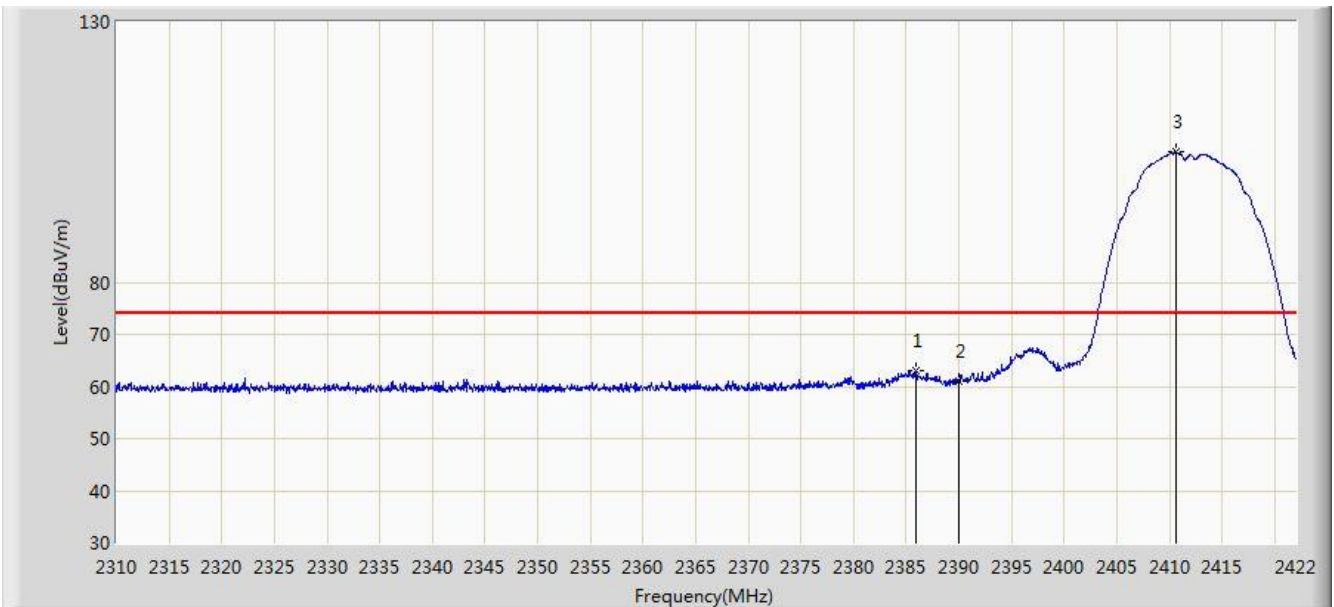
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). 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: 2018/03/31 - 02:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant A	

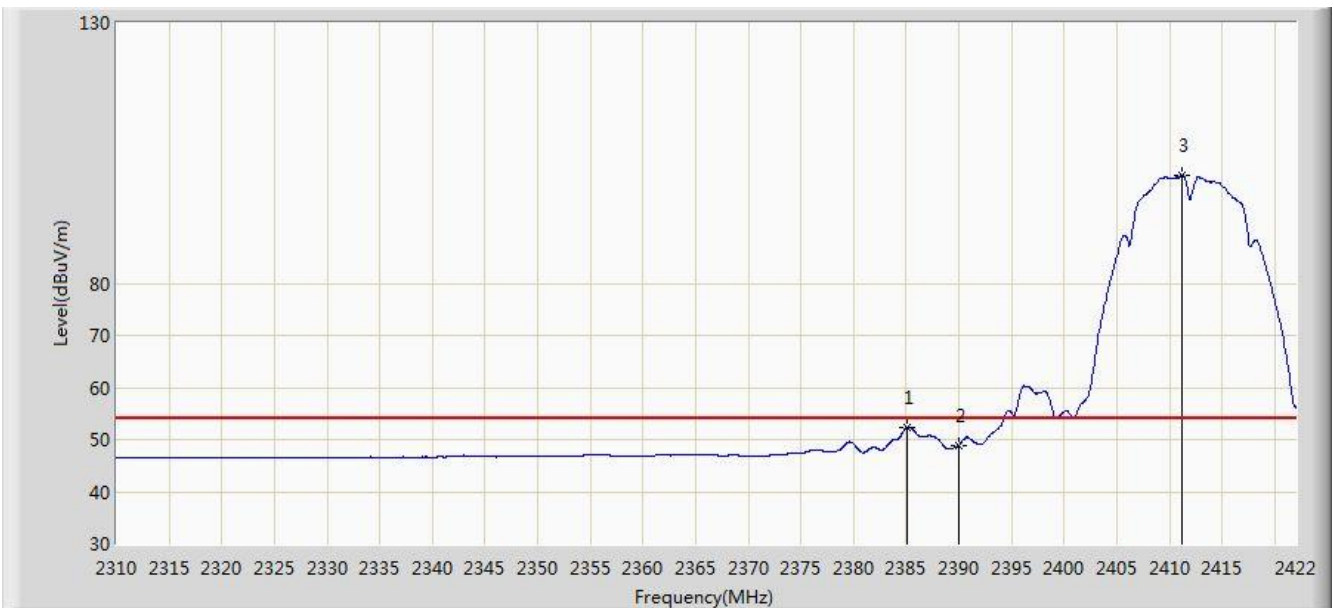


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.880	62.993	30.433	-11.007	74.000	32.560	PK
2			2390.000	61.113	28.559	-12.887	74.000	32.554	PK
3		*	2410.632	104.945	72.418	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/03/31 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant A	

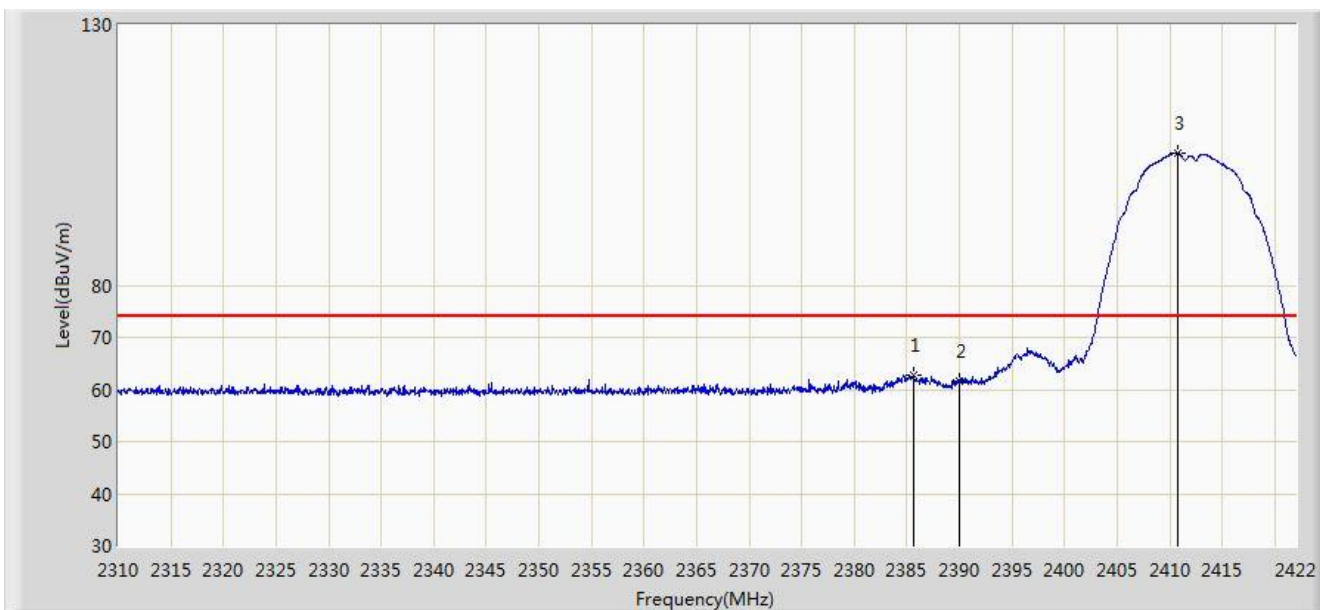


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.040	52.336	19.775	-1.664	54.000	32.561	AV
2			2390.000	48.936	16.382	-5.064	54.000	32.554	AV
3		*	2411.136	100.660	68.133	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/03/31 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant A	

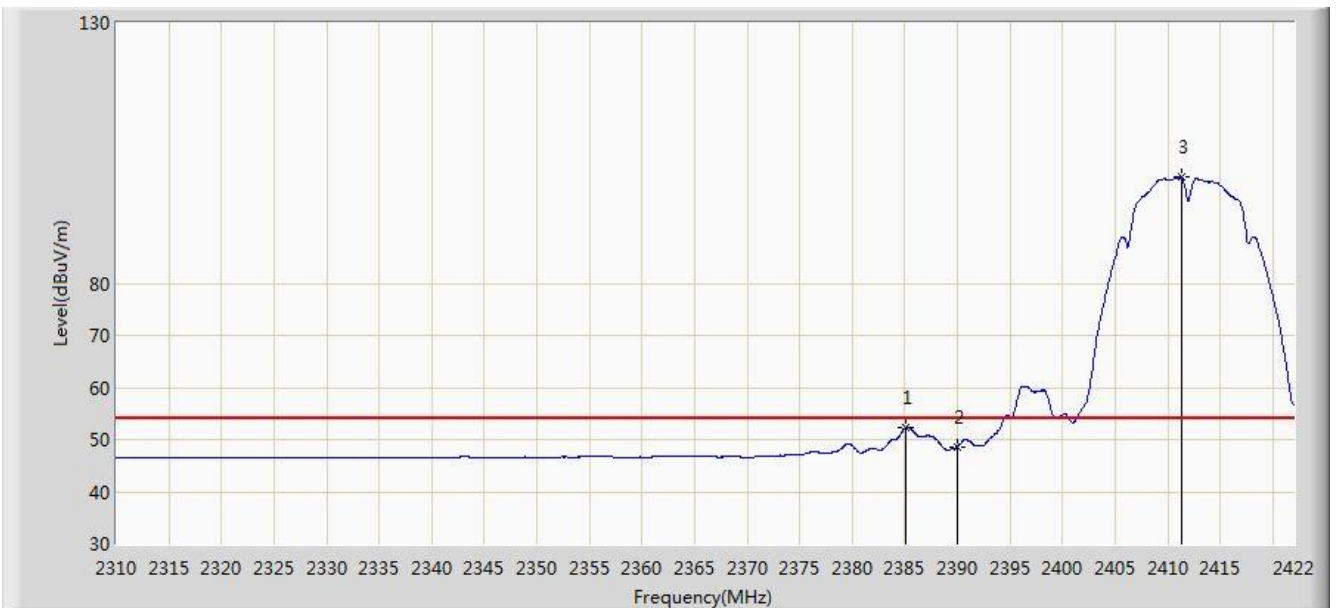


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.712	62.650	30.090	-11.350	74.000	32.560	PK
2			2390.000	61.639	29.085	-12.361	74.000	32.554	PK
3		*	2410.800	105.316	72.789	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/03/31 - 02:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant A	

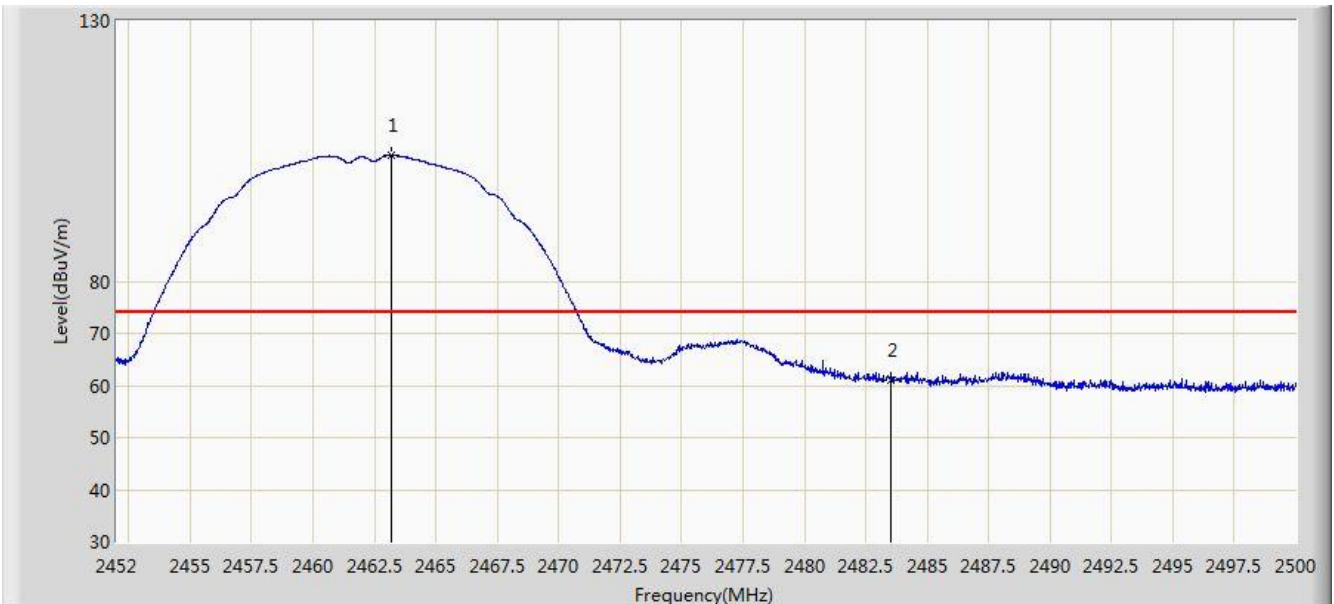


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.040	52.259	19.698	-1.741	54.000	32.561	AV
2			2390.000	48.672	16.118	-5.328	54.000	32.554	AV
3		*	2411.304	100.372	67.846	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant A	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.184	104.103	71.583	N/A	N/A	32.520	PK
2			2483.500	61.078	28.497	-12.922	74.000	32.580	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant A	

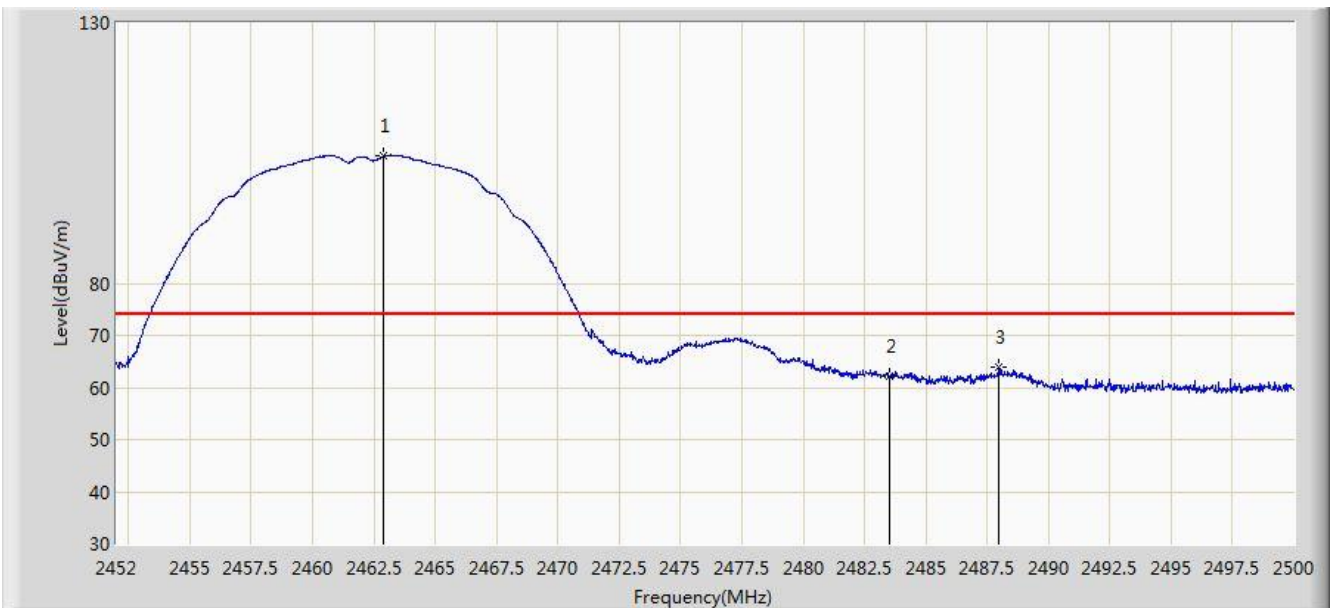


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.728	98.803	66.285	N/A	N/A	32.518	AV
2			2483.500	52.456	19.875	-1.544	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant A	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.896	104.461	71.942	N/A	N/A	32.519	PK
2			2483.500	62.173	29.592	-11.827	74.000	32.580	PK
3			2487.976	63.830	31.236	-10.170	74.000	32.594	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant A	

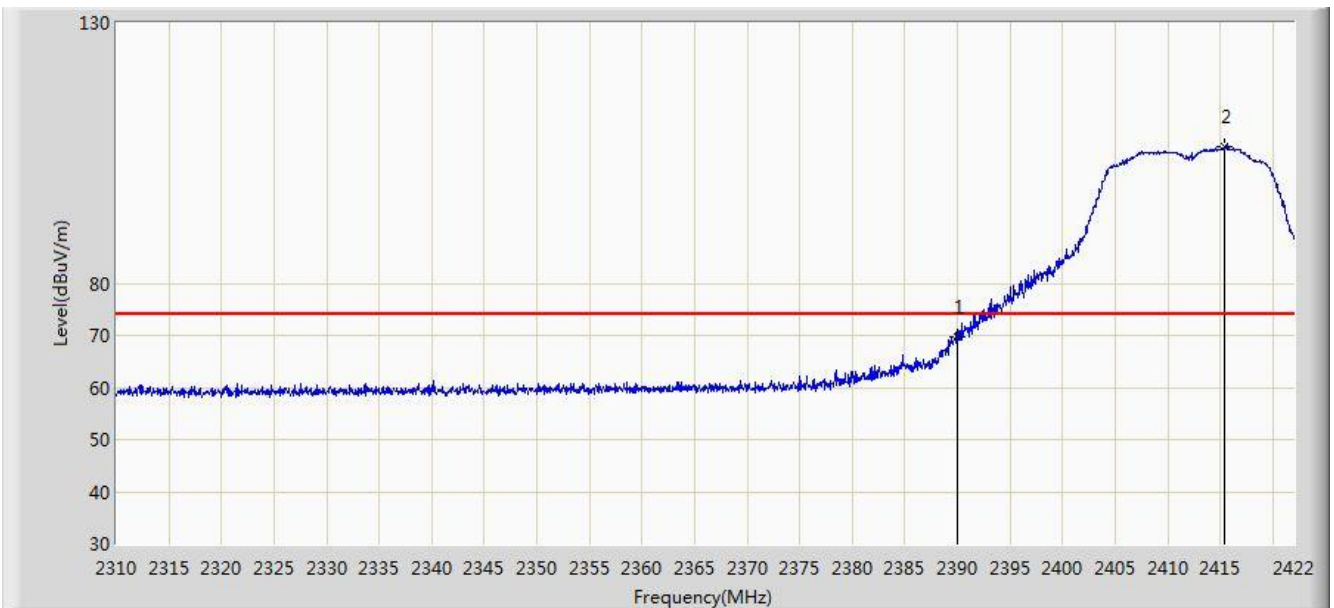


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.584	100.062	67.544	N/A	N/A	32.518	AV
2			2483.500	52.428	19.847	-1.572	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant A	

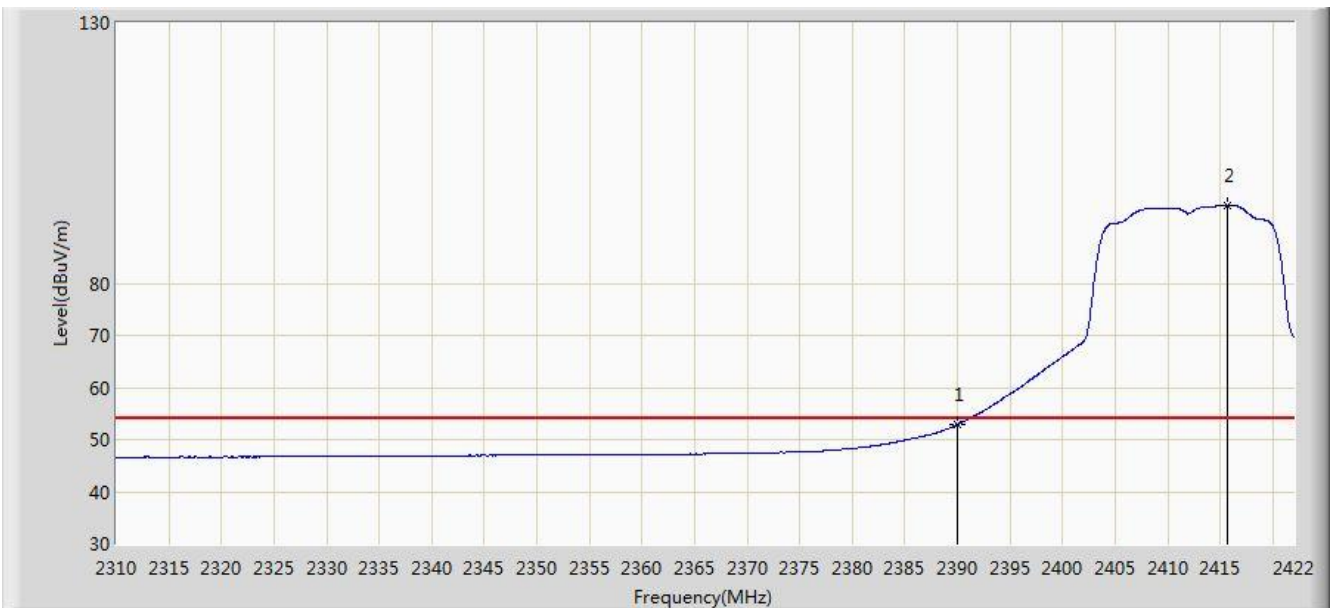


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	69.789	37.235	-4.211	74.000	32.554	PK
2		*	2415.392	106.368	73.846	N/A	N/A	32.521	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant A	

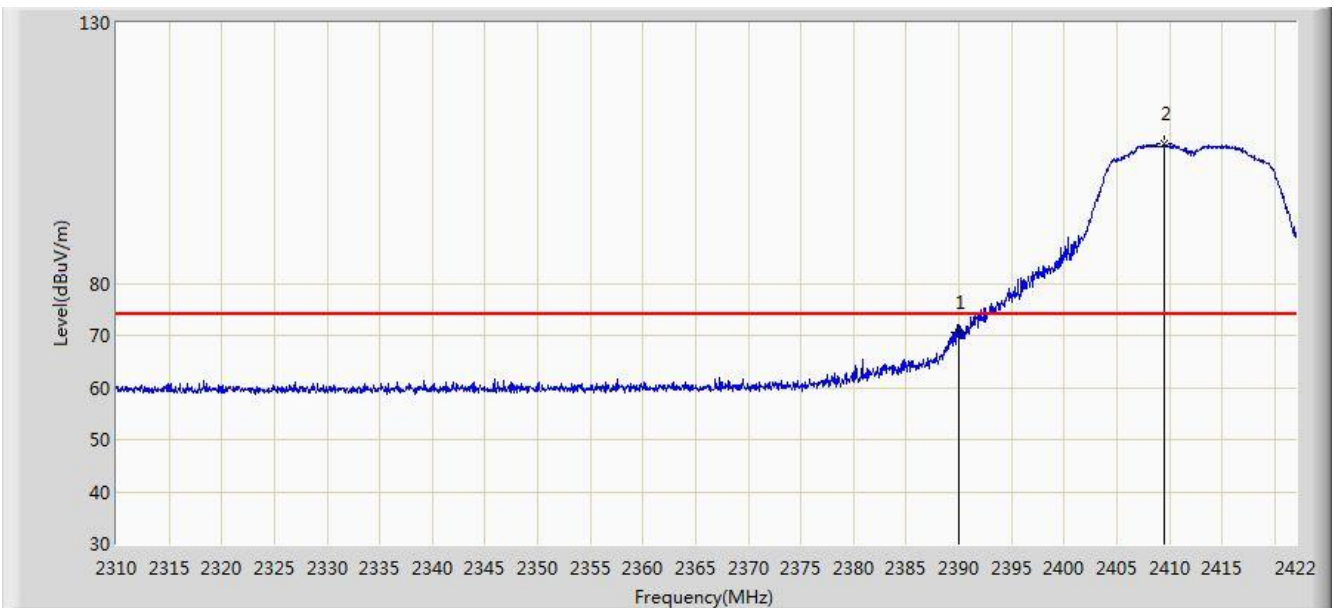


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.895	20.341	-1.105	54.000	32.554	AV
2		*	2415.672	95.017	62.496	N/A	N/A	32.521	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant A	

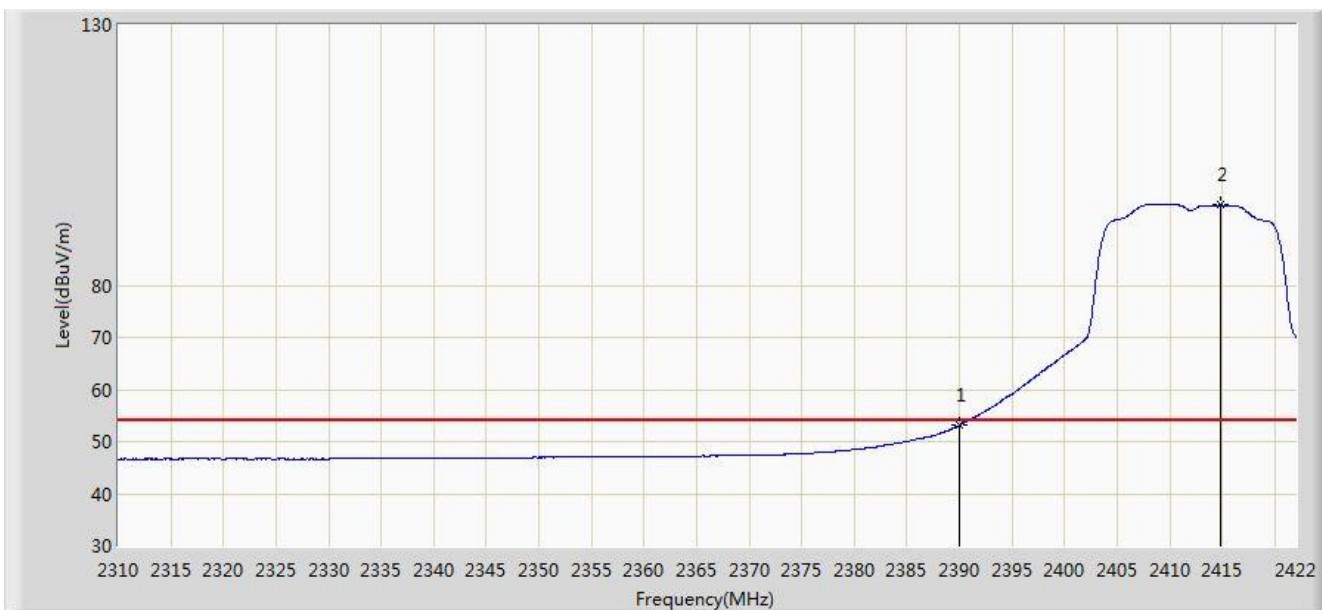


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	70.535	37.981	-3.465	74.000	32.554	PK
2		*	2409.568	106.765	74.236	N/A	N/A	32.529	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant A	

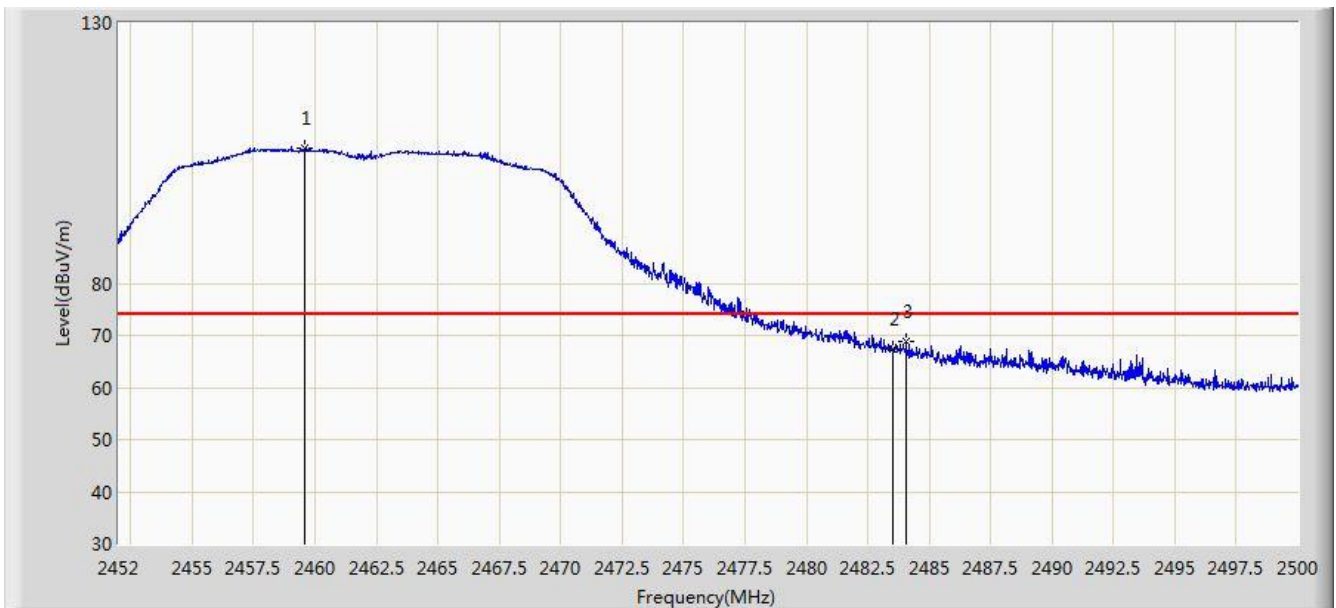


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.101	20.547	-0.899	54.000	32.554	AV
2		*	2414.832	95.382	62.860	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant A	

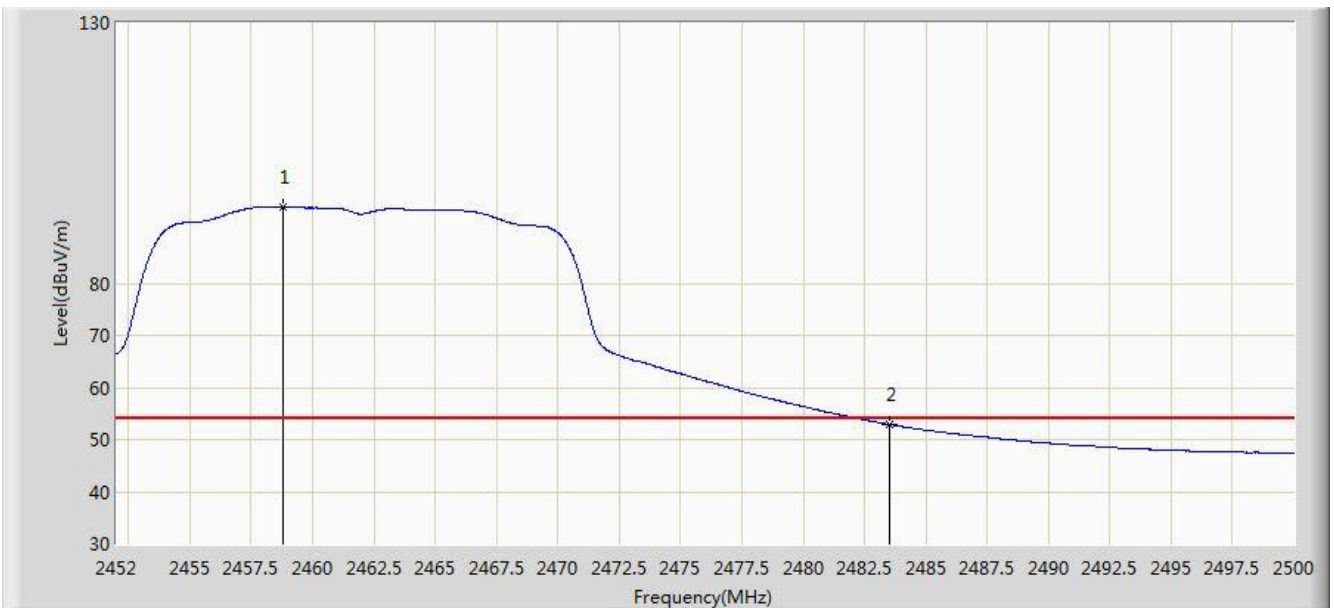


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.608	106.058	73.546	N/A	N/A	32.513	PK
2			2483.500	67.294	34.713	-6.706	74.000	32.580	PK
3			2484.064	68.810	36.228	-5.190	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant A	

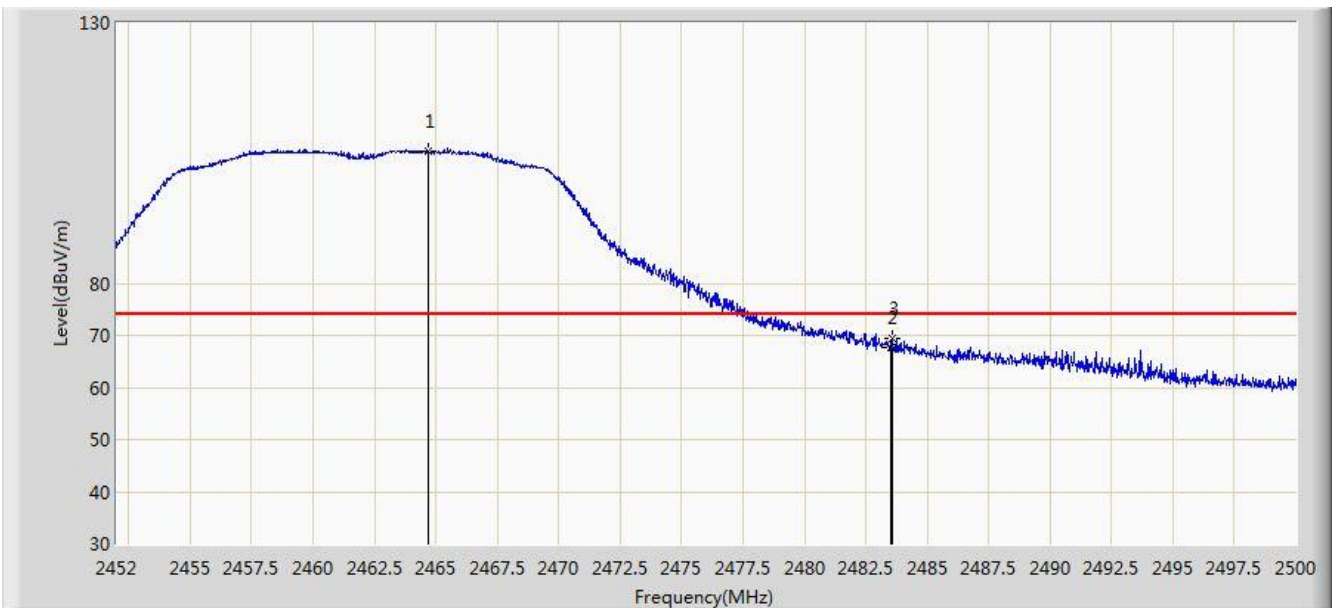


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.768	94.554	62.043	N/A	N/A	32.511	AV
2			2483.500	52.883	20.302	-1.117	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant A	

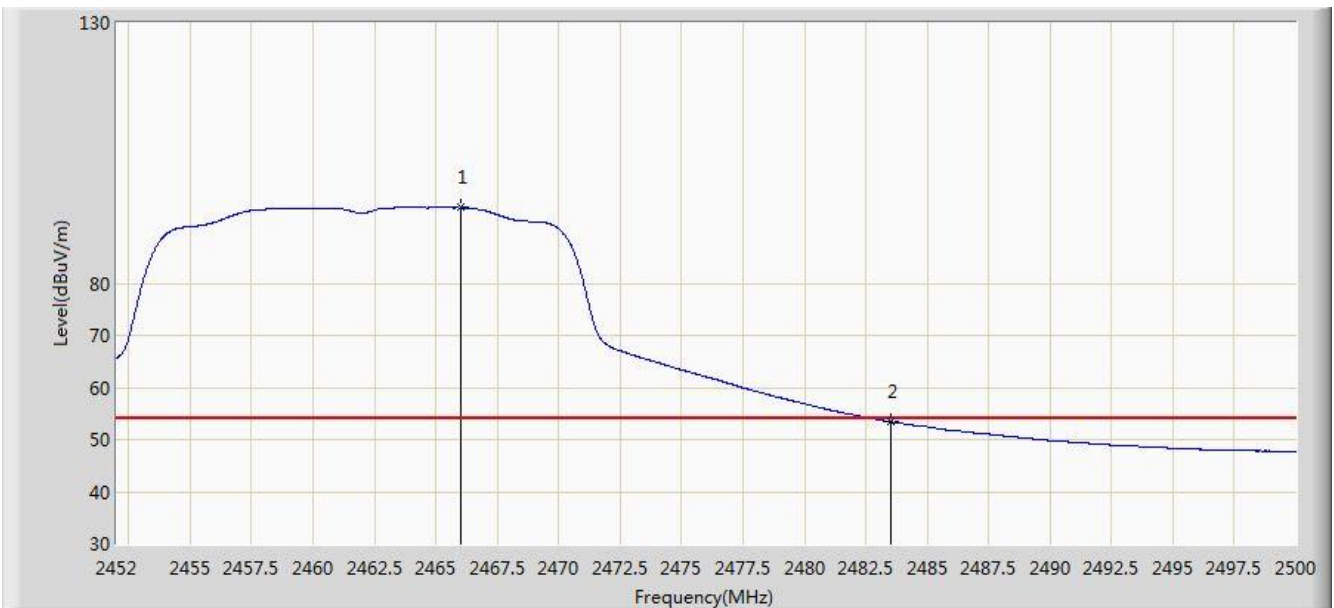


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.696	105.392	72.868	N/A	N/A	32.524	PK
2			2483.500	67.691	35.110	-6.309	74.000	32.580	PK
3			2483.560	69.540	36.959	-4.460	74.000	32.580	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant A	

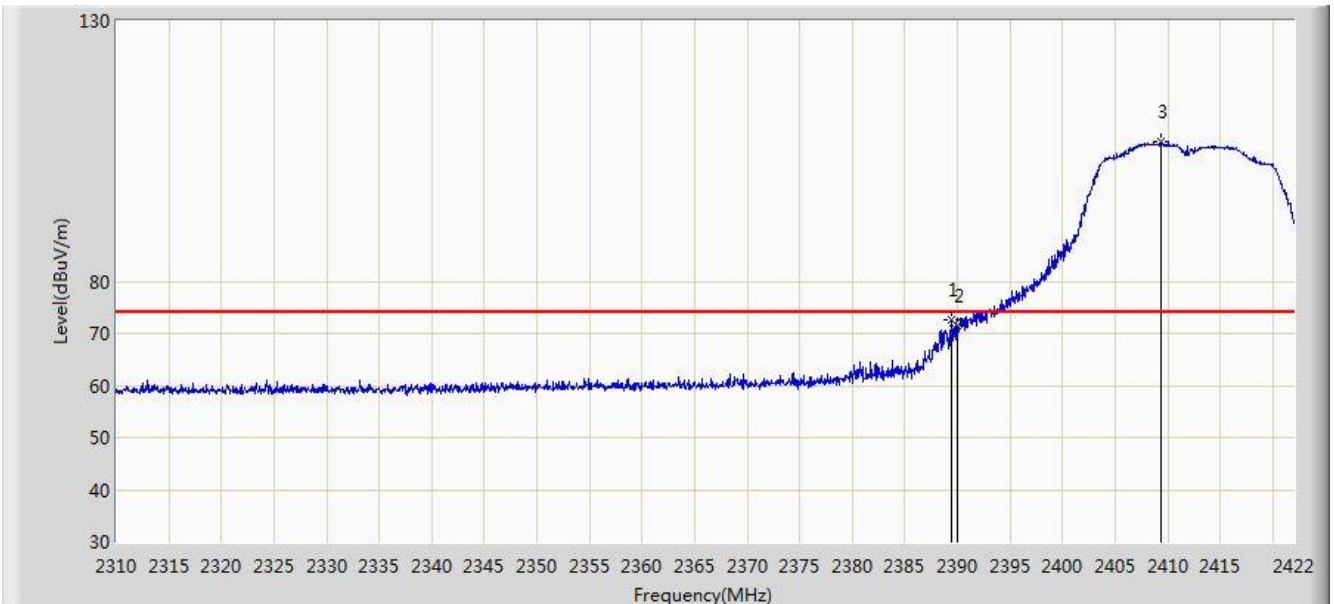


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.016	94.499	61.971	N/A	N/A	32.528	AV
2			2483.500	53.431	20.850	-0.569	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant A	

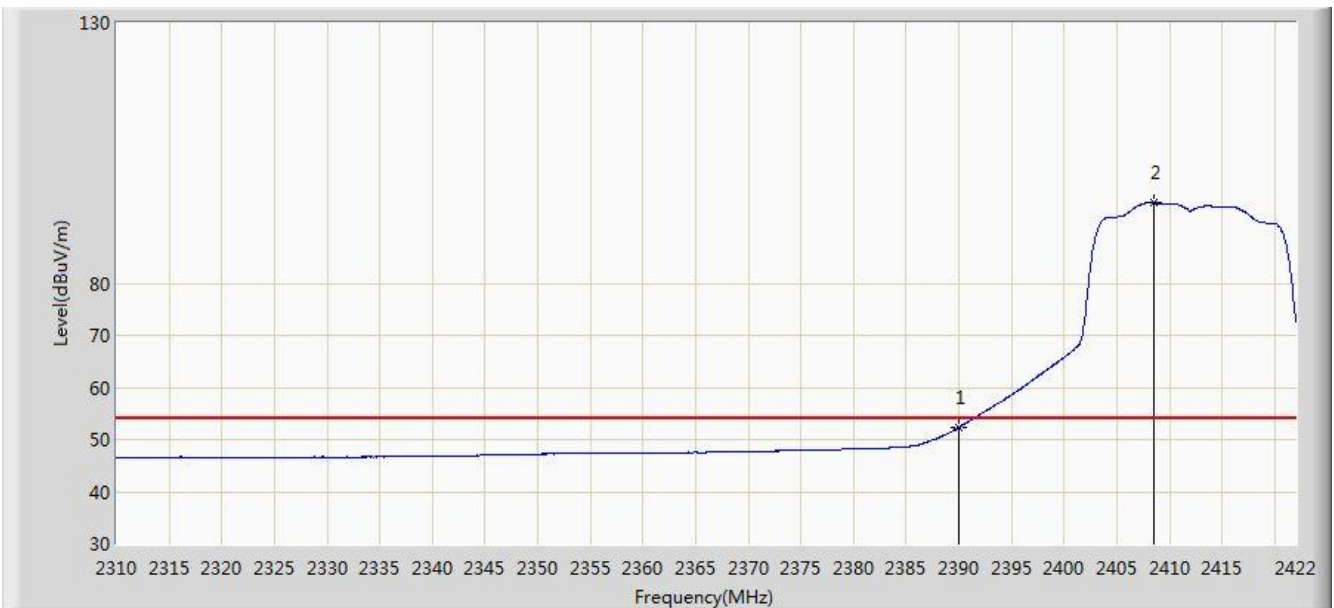


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.464	72.529	39.974	-1.471	74.000	32.555	PK
2			2390.000	71.388	38.834	-2.612	74.000	32.554	PK
3		*	2409.400	106.873	74.344	N/A	N/A	32.529	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant A	

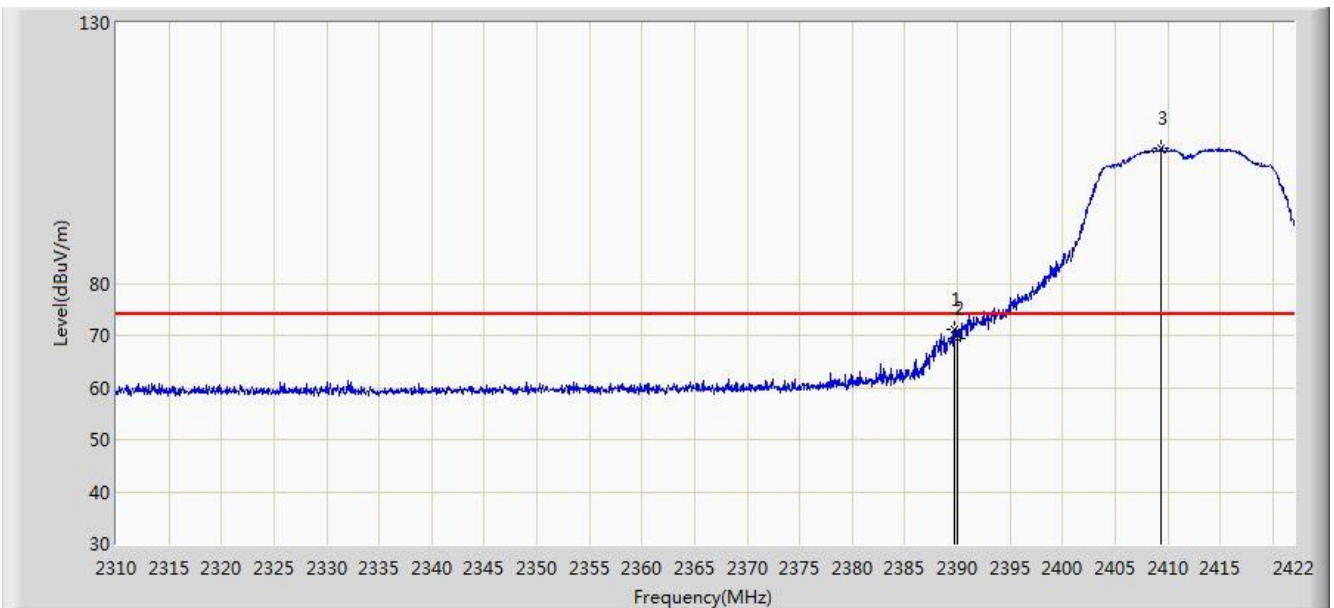


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.324	19.770	-1.676	54.000	32.554	AV
2		*	2408.504	95.397	62.867	N/A	N/A	32.530	AV

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

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

Site: AC1	Time: 2018/03/31 - 03:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant A	

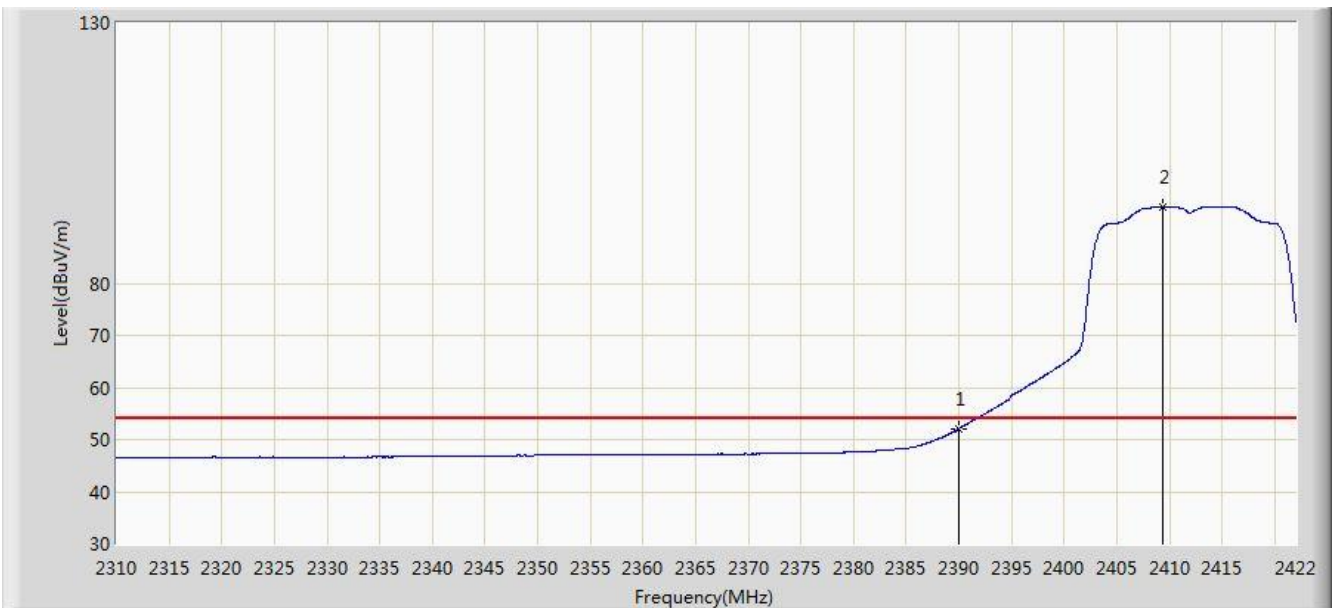


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.688	71.249	38.694	-2.751	74.000	32.555	PK
2			2390.000	69.372	36.818	-4.628	74.000	32.554	PK
3		*	2409.400	106.049	73.520	N/A	N/A	32.529	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant A	

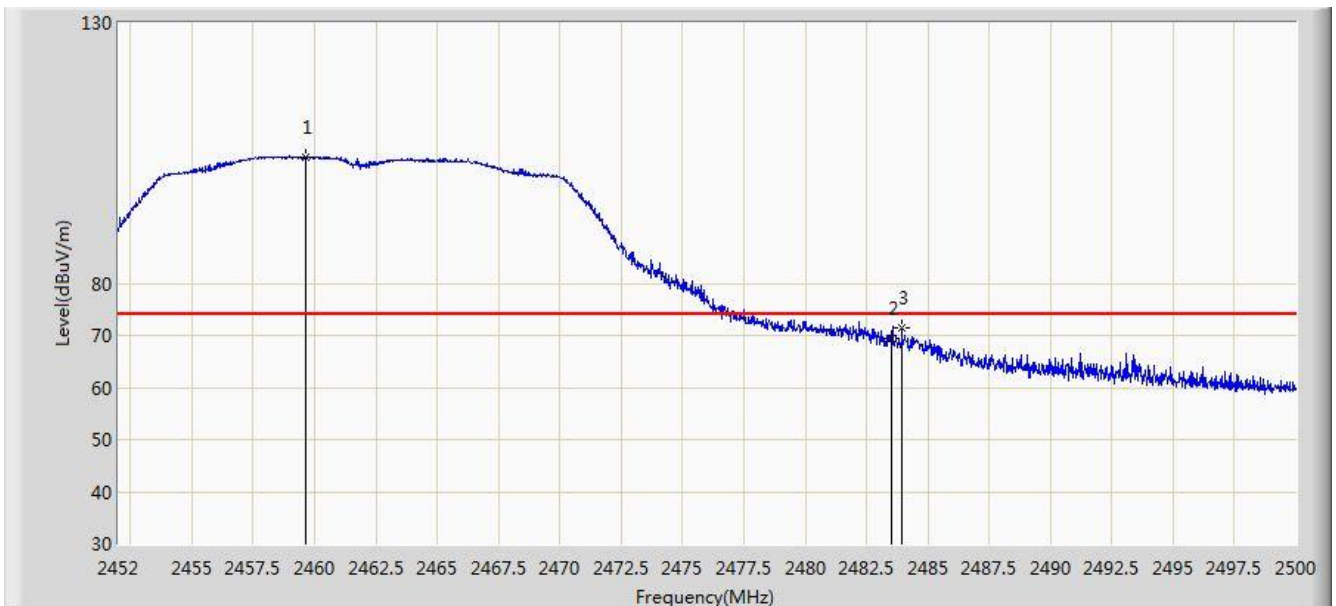


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.096	19.542	-1.904	54.000	32.554	AV
2		*	2409.400	94.614	62.085	N/A	N/A	32.529	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant A	

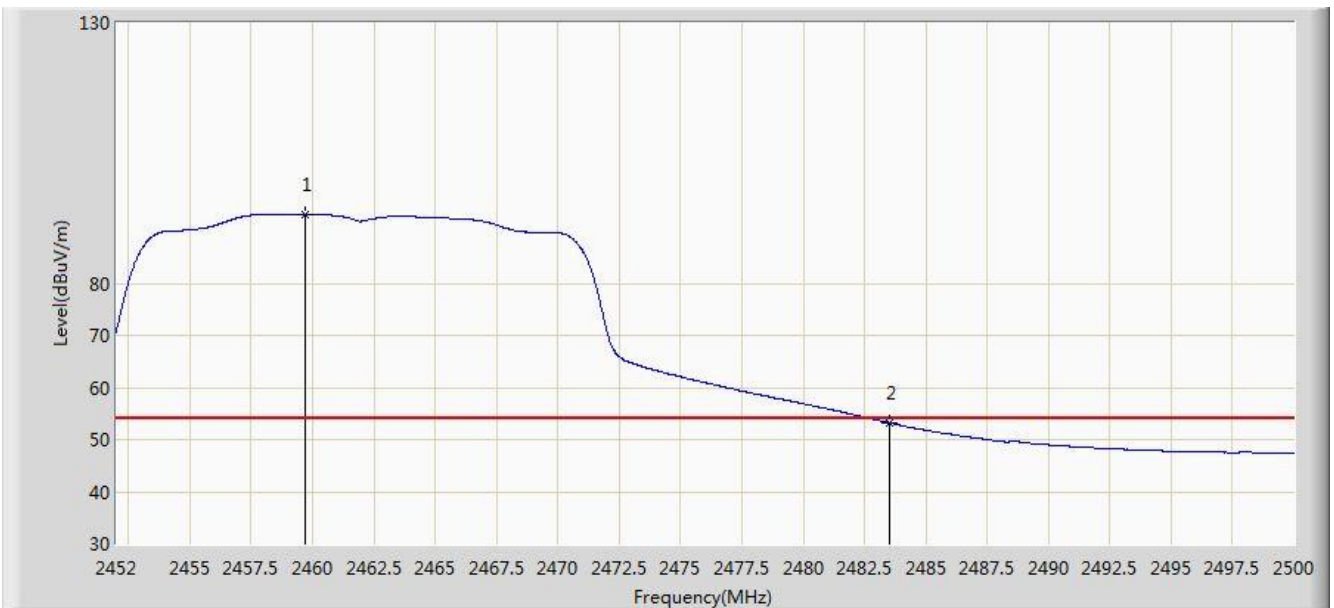


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.656	104.094	71.582	N/A	N/A	32.513	PK
2			2483.500	69.390	36.809	-4.610	74.000	32.580	PK
3			2483.944	71.396	38.814	-2.604	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/31 - 03:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant A	

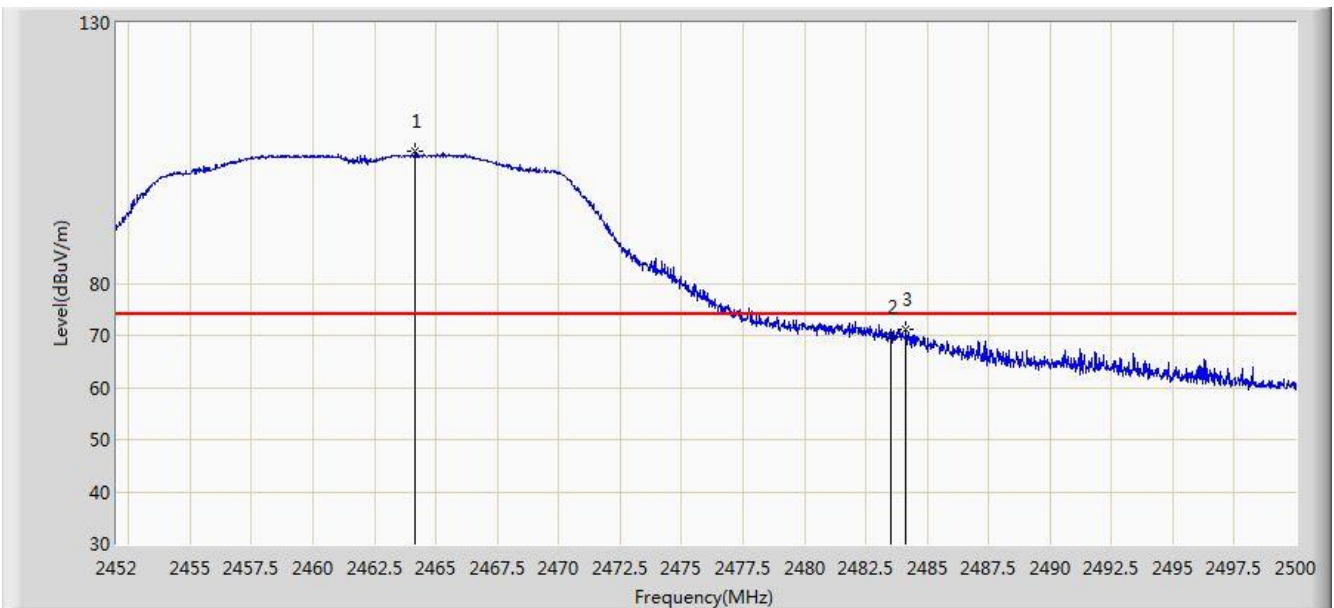


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.728	93.217	60.705	N/A	N/A	32.513	AV
2			2483.500	53.211	20.630	-0.789	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant A	

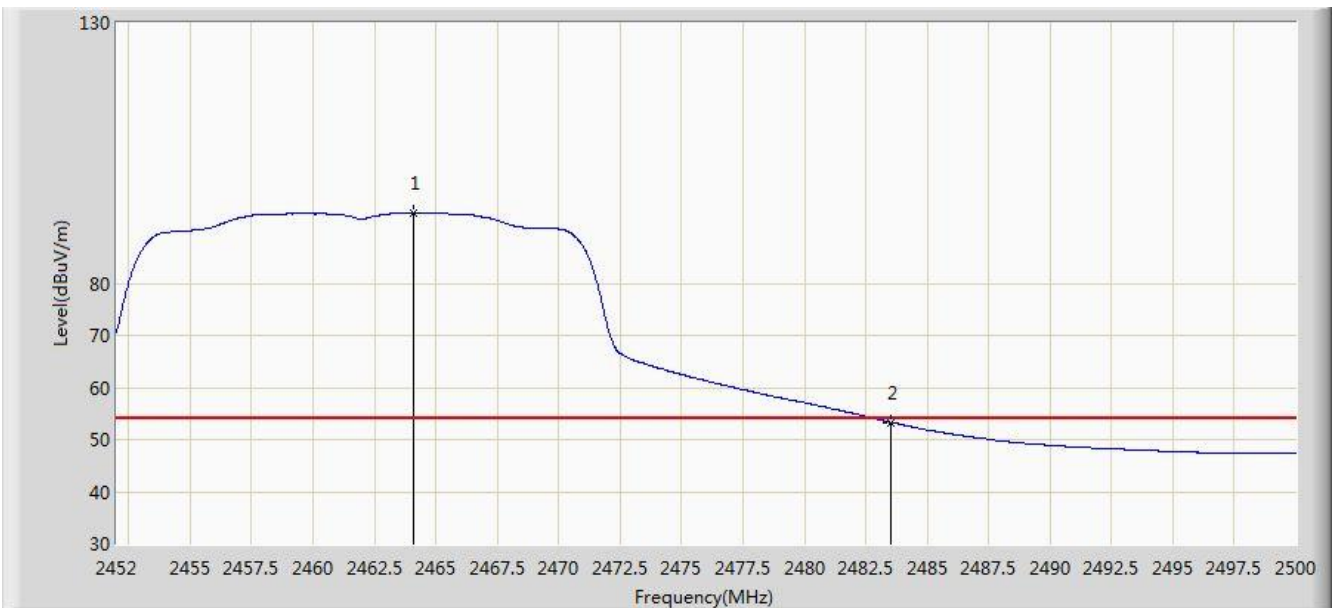


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.168	105.244	72.721	N/A	N/A	32.523	PK
2			2483.500	69.764	37.183	-4.236	74.000	32.580	PK
3			2484.136	71.042	38.459	-2.958	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant A	

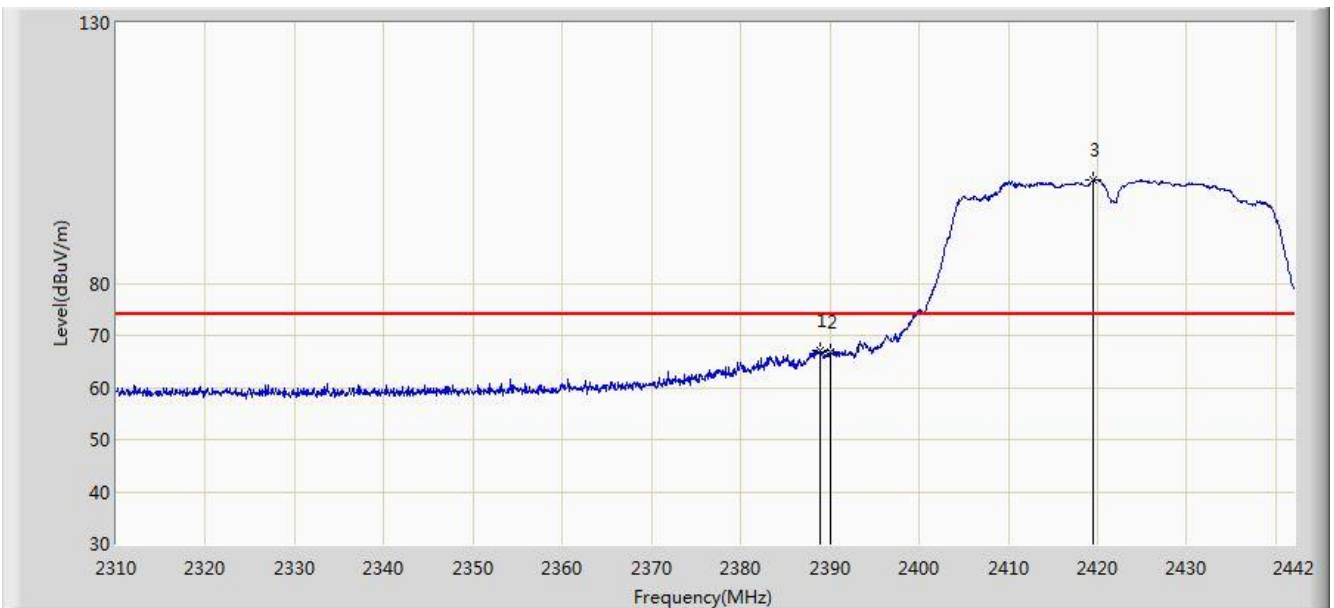


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.072	93.409	60.887	N/A	N/A	32.523	AV
2			2483.500	53.307	20.726	-0.693	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant A	

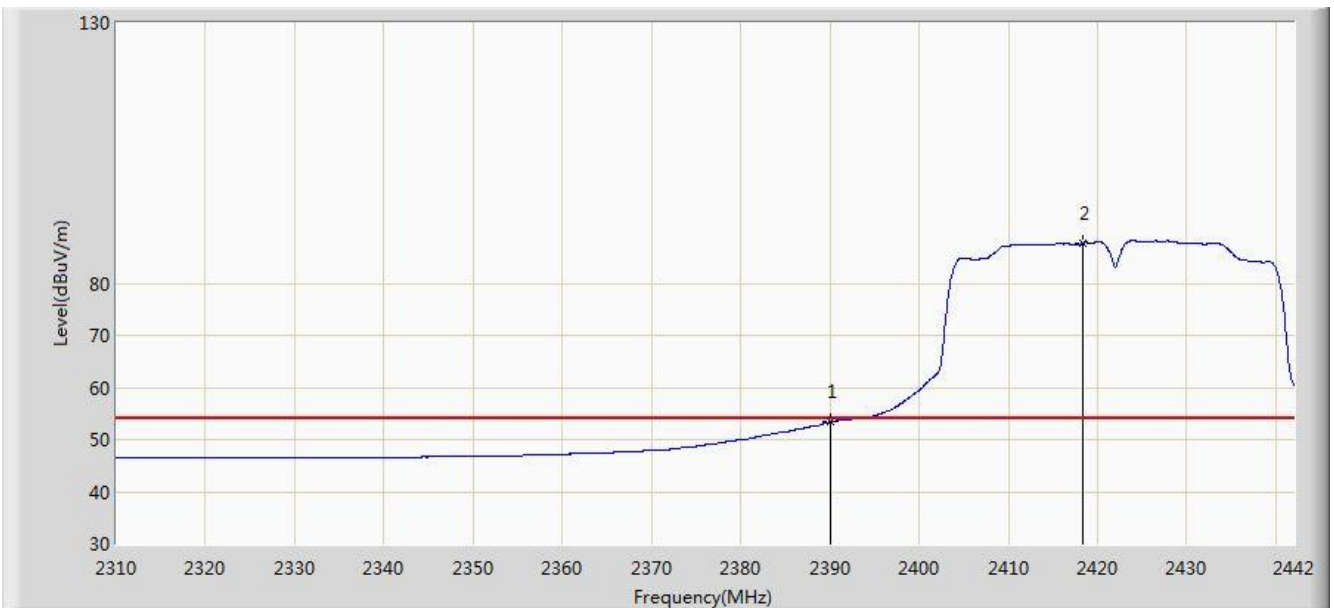


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.936	67.133	34.577	-6.867	74.000	32.556	PK
2			2390.000	66.677	34.123	-7.323	74.000	32.554	PK
3		*	2419.560	99.757	67.240	N/A	N/A	32.516	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant A	

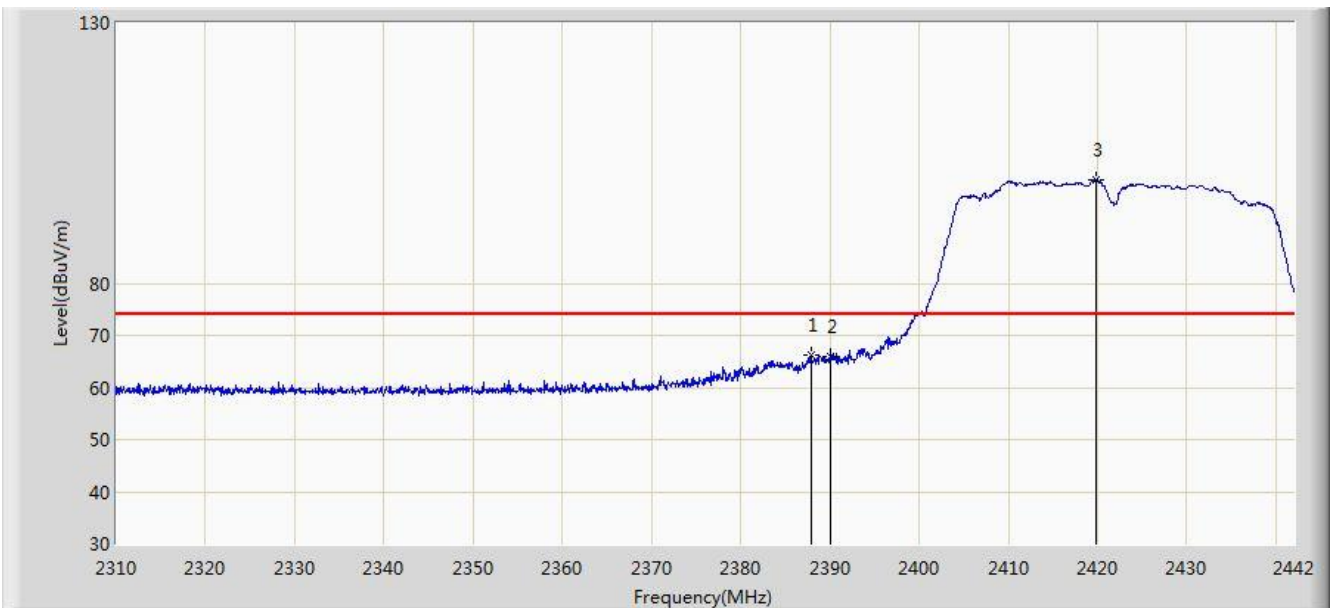


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.365	20.811	-0.635	54.000	32.554	AV
2		*	2418.306	87.658	55.140	N/A	N/A	32.518	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant A	

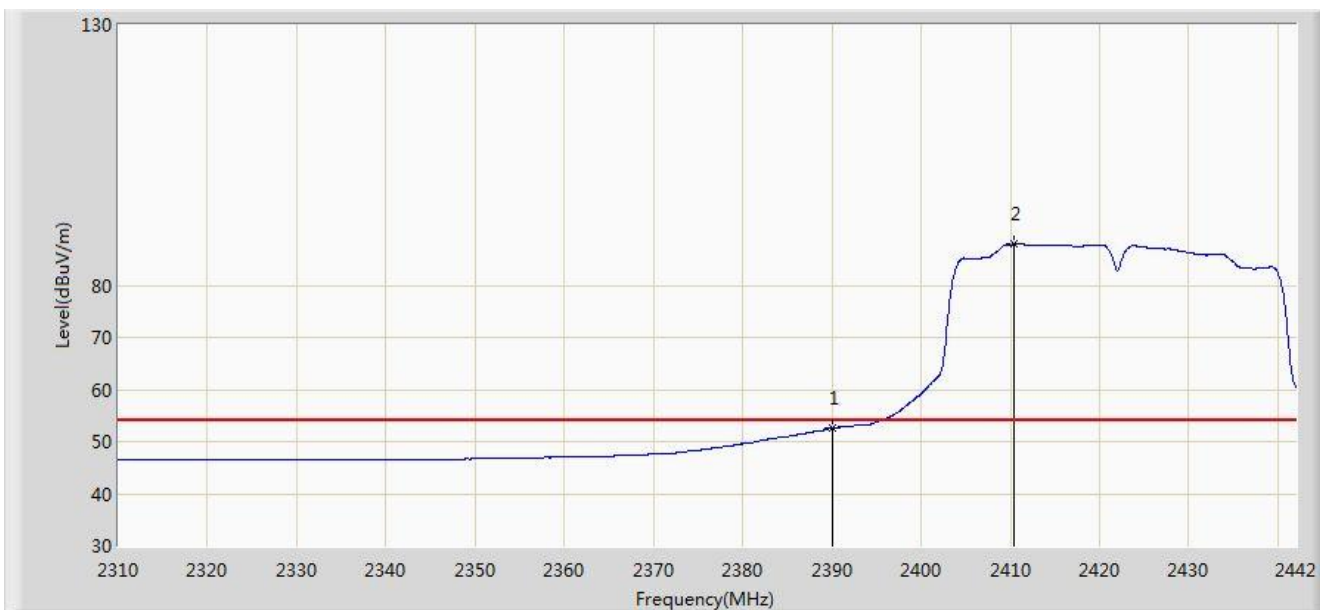


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.880	66.222	33.665	-7.778	74.000	32.558	PK
2			2390.000	65.889	33.335	-8.111	74.000	32.554	PK
3		*	2419.758	99.753	67.237	N/A	N/A	32.516	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant A	

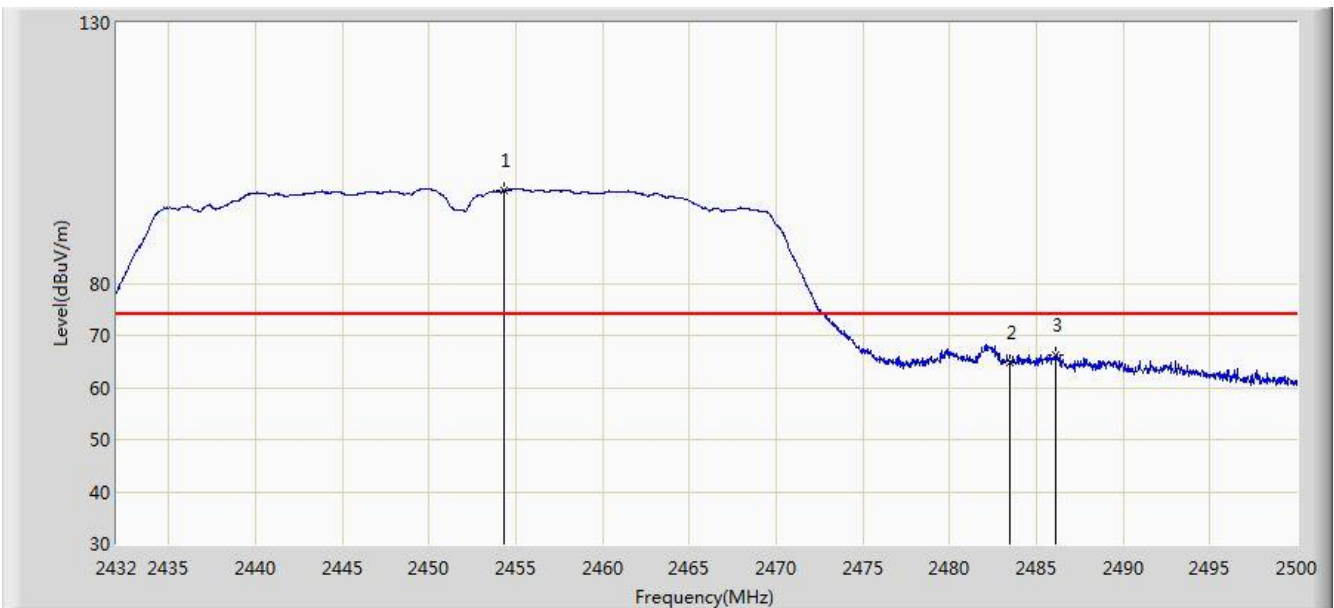


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.570	20.016	-1.430	54.000	32.554	AV
2		*	2410.452	87.926	55.398	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant A	

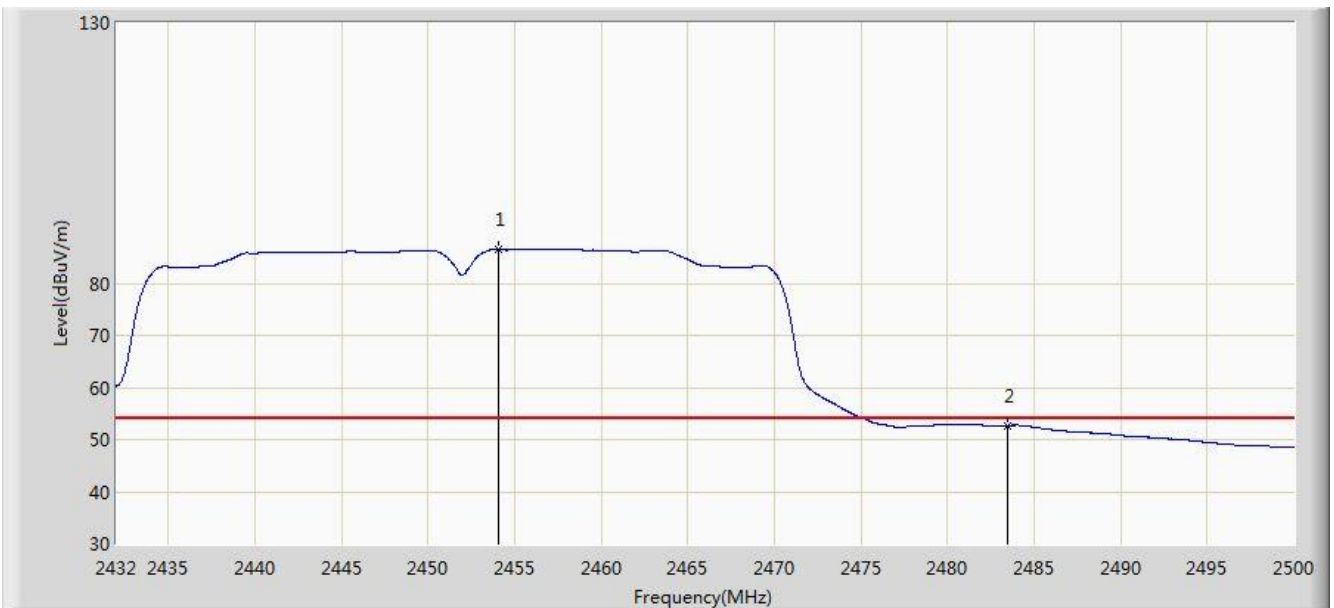


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.338	97.876	65.373	N/A	N/A	32.502	PK
2			2483.500	64.887	32.306	-9.113	74.000	32.580	PK
3			2486.094	66.354	33.766	-7.646	74.000	32.588	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant A	

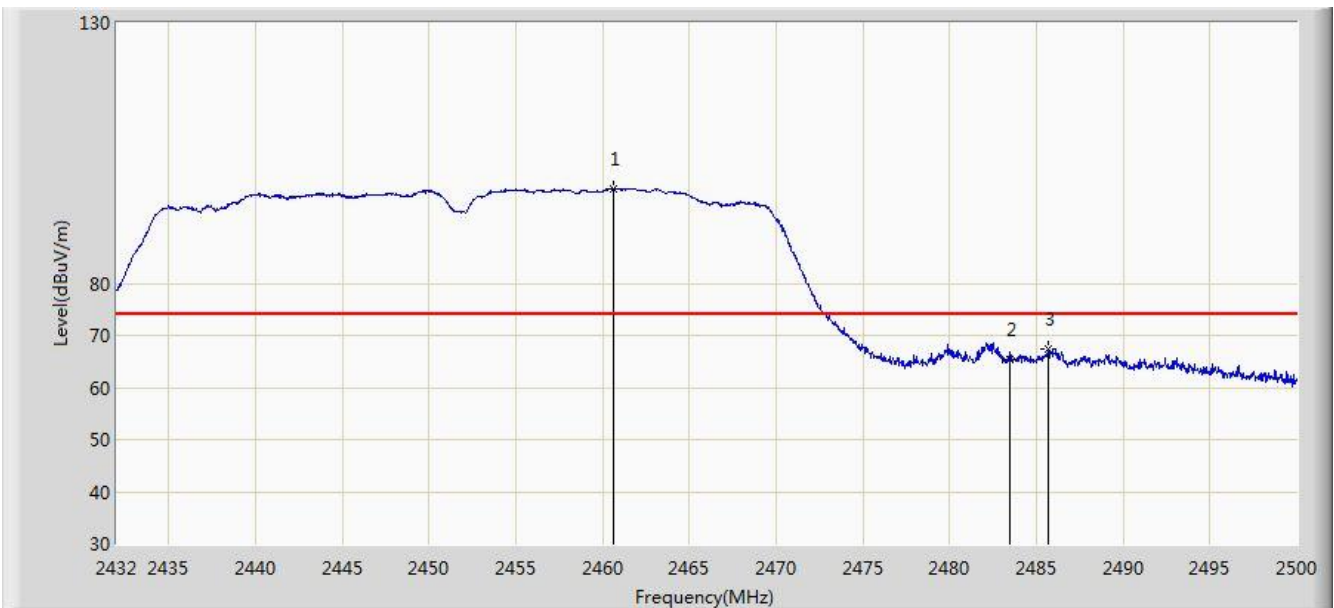


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.066	86.536	54.034	N/A	N/A	32.502	AV
2			2483.500	52.737	20.156	-1.263	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant A	

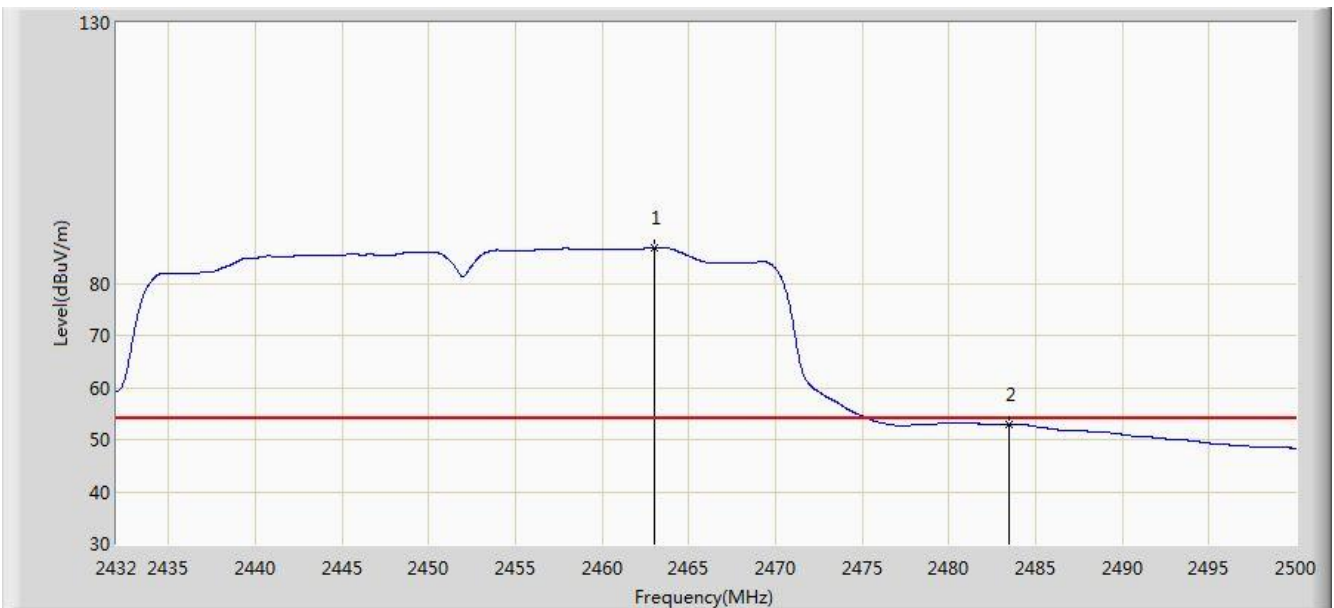


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.628	98.194	65.680	N/A	N/A	32.514	PK
2			2483.500	65.401	32.820	-8.599	74.000	32.580	PK
3			2485.720	67.316	34.729	-6.684	74.000	32.587	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant A	

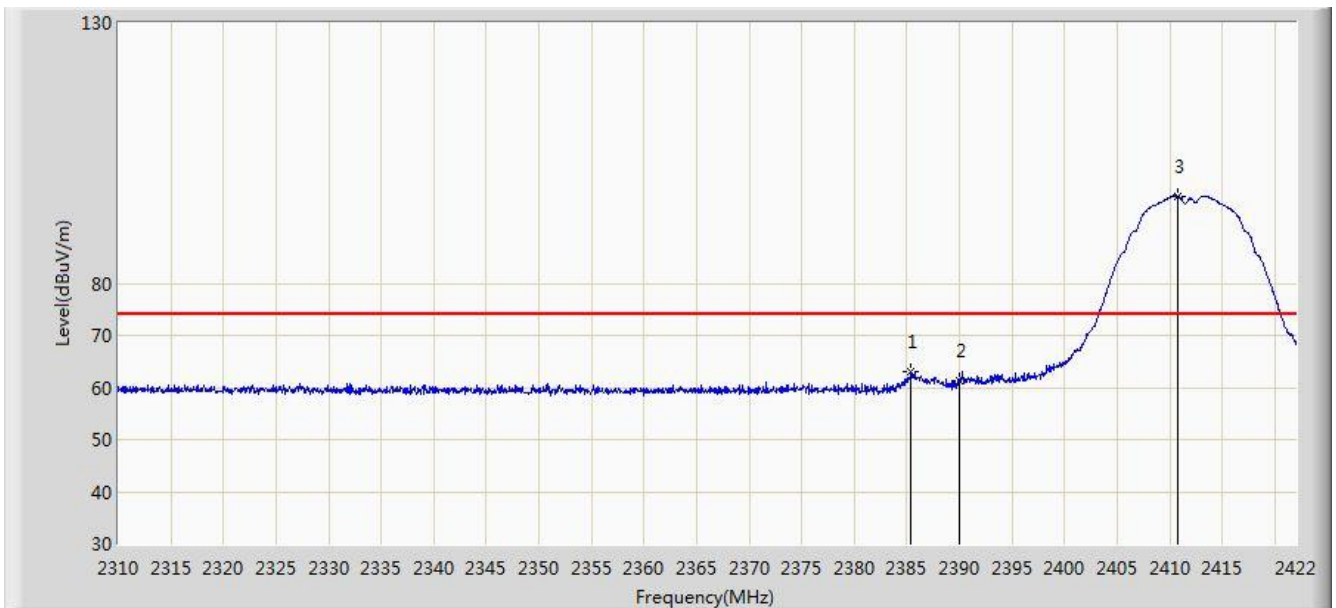


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.042	86.806	54.287	N/A	N/A	32.520	AV
2			2483.500	52.902	20.321	-1.098	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant B	

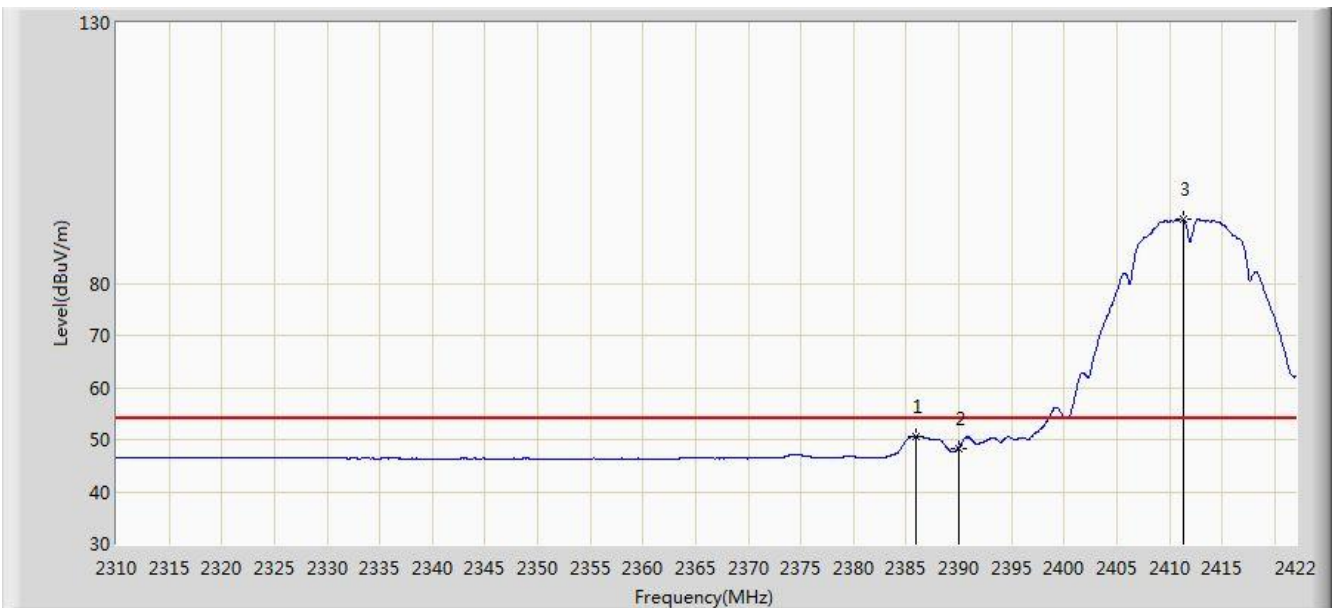


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.432	62.932	30.371	-11.068	74.000	32.561	PK
2			2390.000	61.376	28.822	-12.624	74.000	32.554	PK
3		*	2410.800	96.731	64.204	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant B	

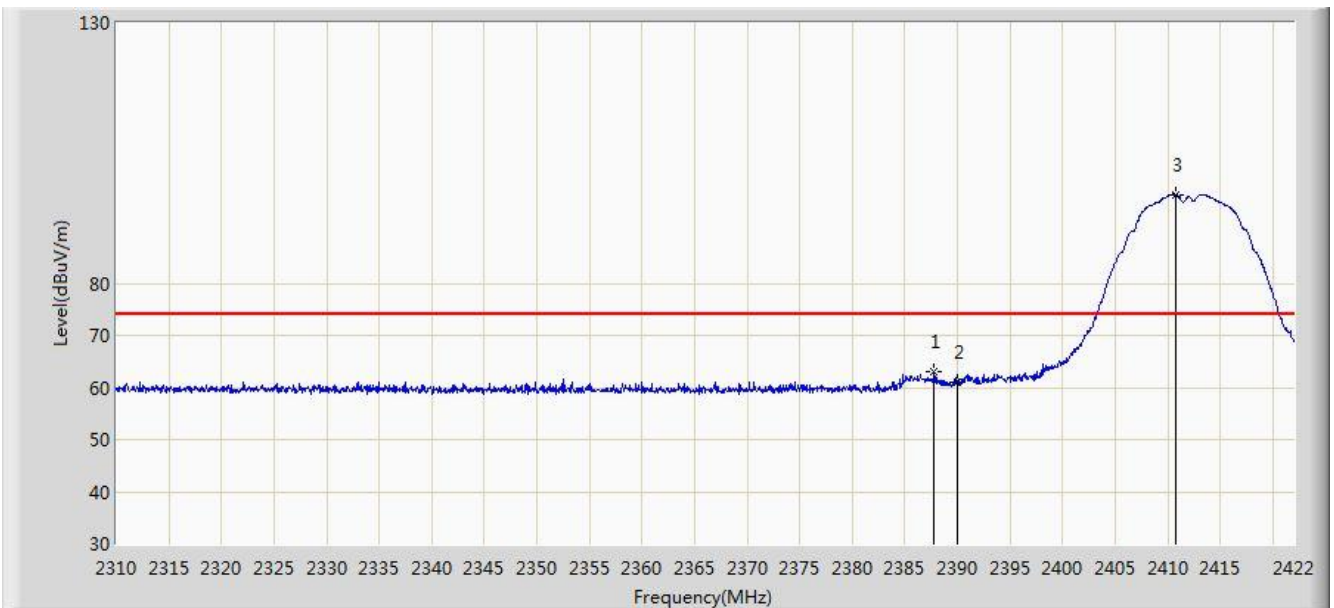


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.880	50.660	18.100	-3.340	54.000	32.560	AV
2			2390.000	48.379	15.825	-5.621	54.000	32.554	AV
3		*	2411.304	92.458	59.932	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant B	

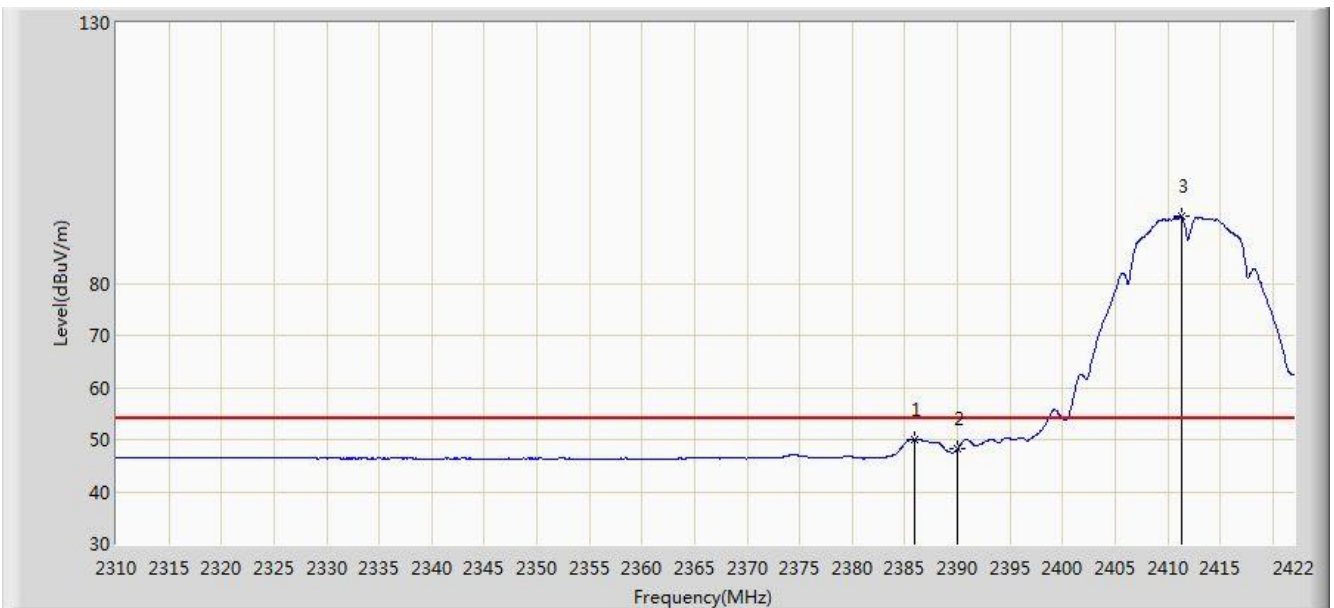


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.784	62.947	30.390	-11.053	74.000	32.557	PK
2			2390.000	61.118	28.564	-12.882	74.000	32.554	PK
3		*	2410.800	97.021	64.494	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant B	

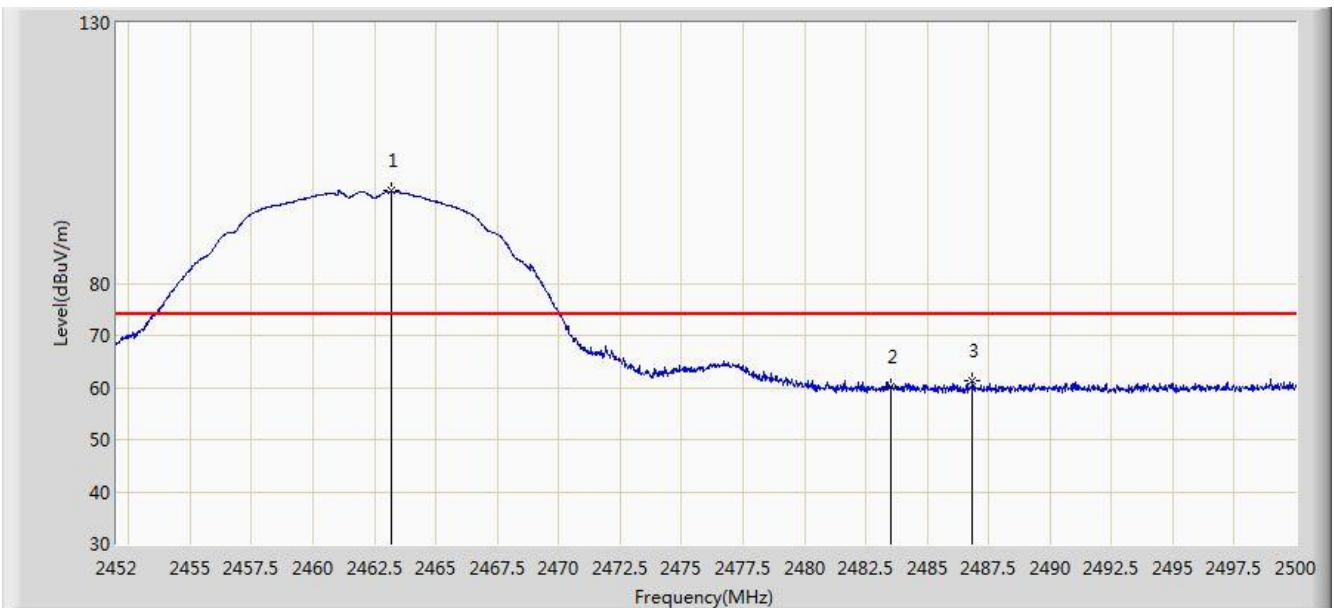


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.992	50.034	17.474	-3.966	54.000	32.560	AV
2			2390.000	48.125	15.571	-5.875	54.000	32.554	AV
3		*	2411.304	92.808	60.282	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant B	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.160	97.682	65.140	N/A	N/A	32.542	PK
2			2483.500	60.136	27.540	-13.864	74.000	32.596	PK
3			2486.848	61.237	28.633	-12.763	74.000	32.605	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant B	

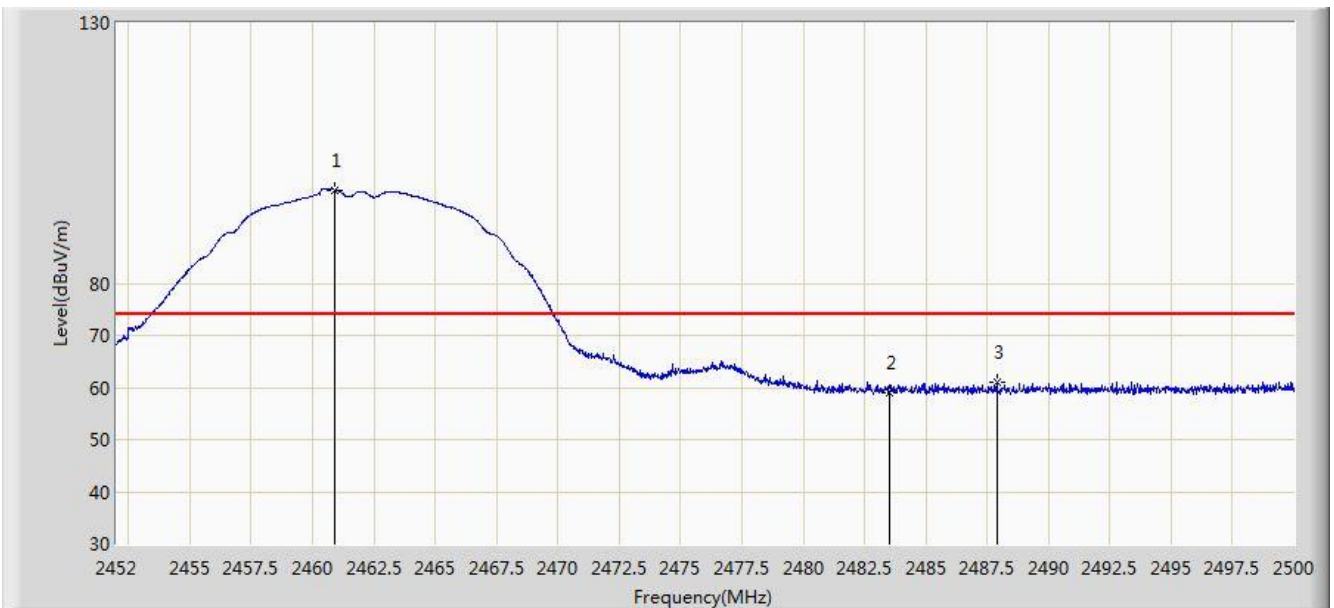


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	92.939	60.424	N/A	N/A	32.515	AV
2			2483.500	46.658	14.077	-7.342	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant B	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.928	97.912	65.398	N/A	N/A	32.514	PK
2			2483.500	59.106	26.525	-14.894	74.000	32.580	PK
3			2487.880	60.905	28.311	-13.095	74.000	32.594	PK

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

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

Site: AC1	Time: 2018/03/31 - 04:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant B	

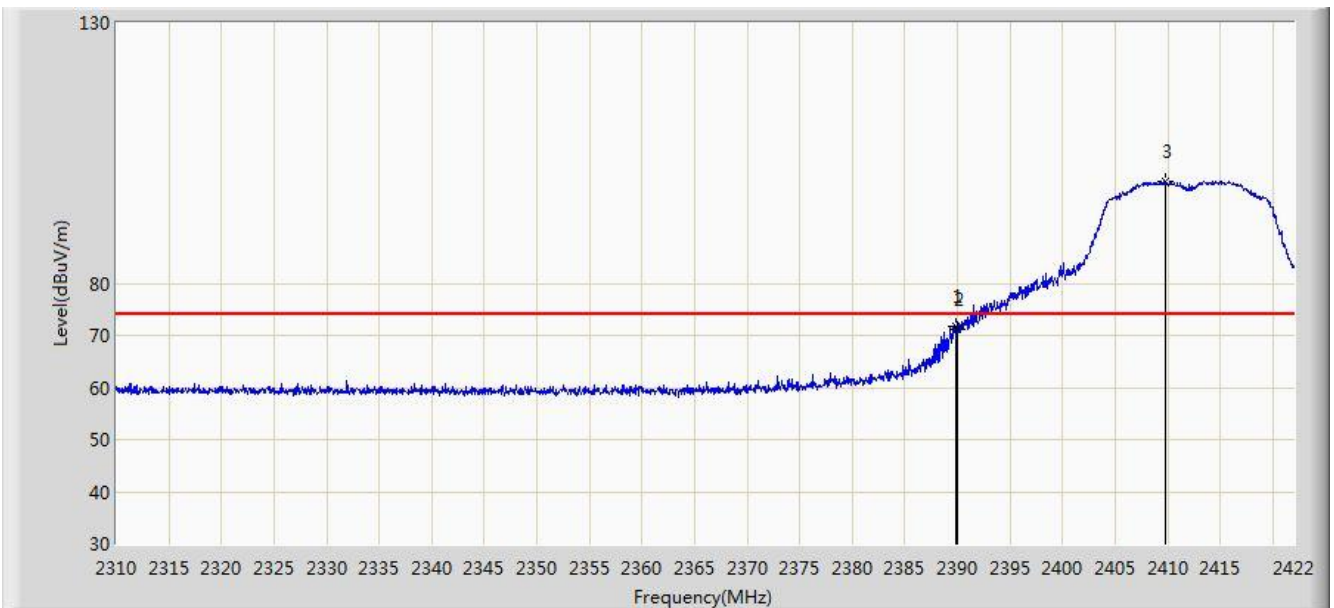


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	93.279	60.764	N/A	N/A	32.516	AV
2			2483.500	46.609	14.028	-7.391	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 04:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant B	

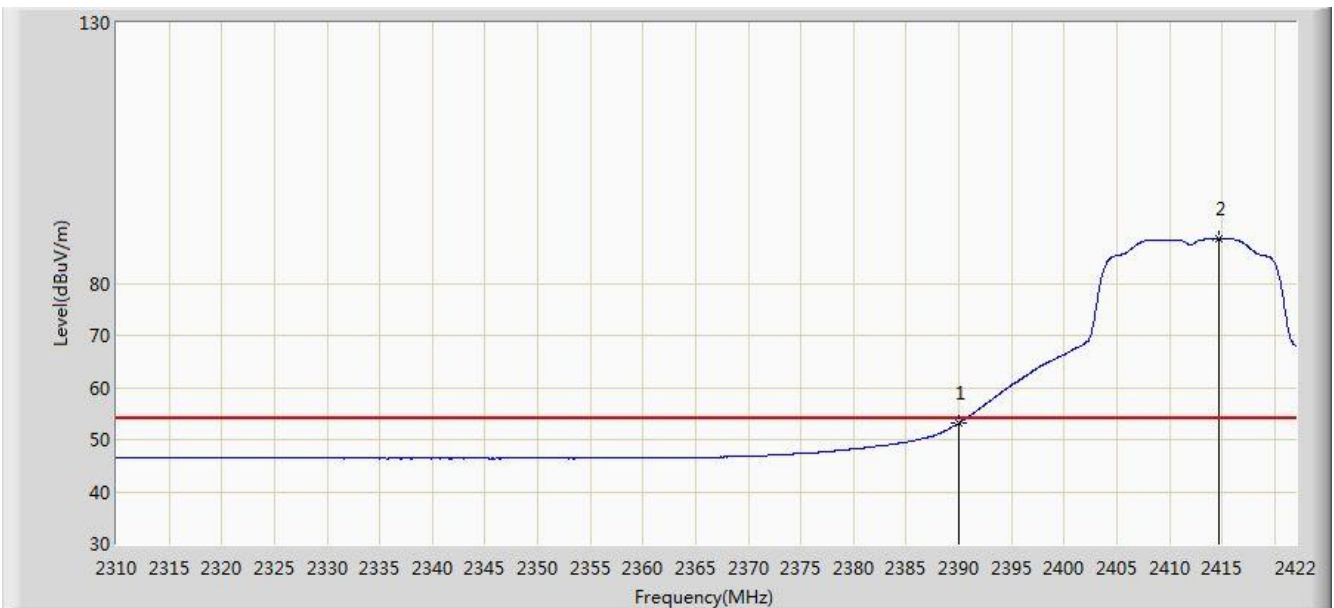


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	71.837	39.262	-2.163	74.000	32.575	PK
2			2390.000	71.119	38.544	-2.881	74.000	32.575	PK
3		*	2409.848	99.674	67.124	N/A	N/A	32.550	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant B	

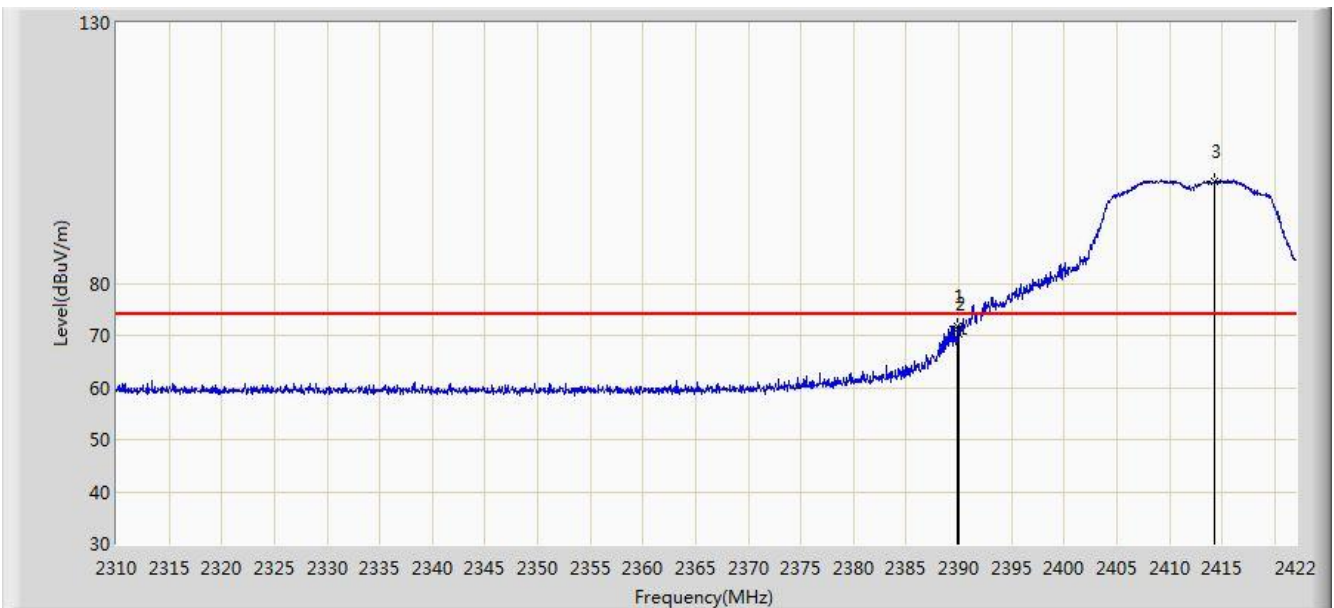


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.159	20.605	-0.841	54.000	32.554	AV
2		*	2414.664	88.543	56.021	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant B	

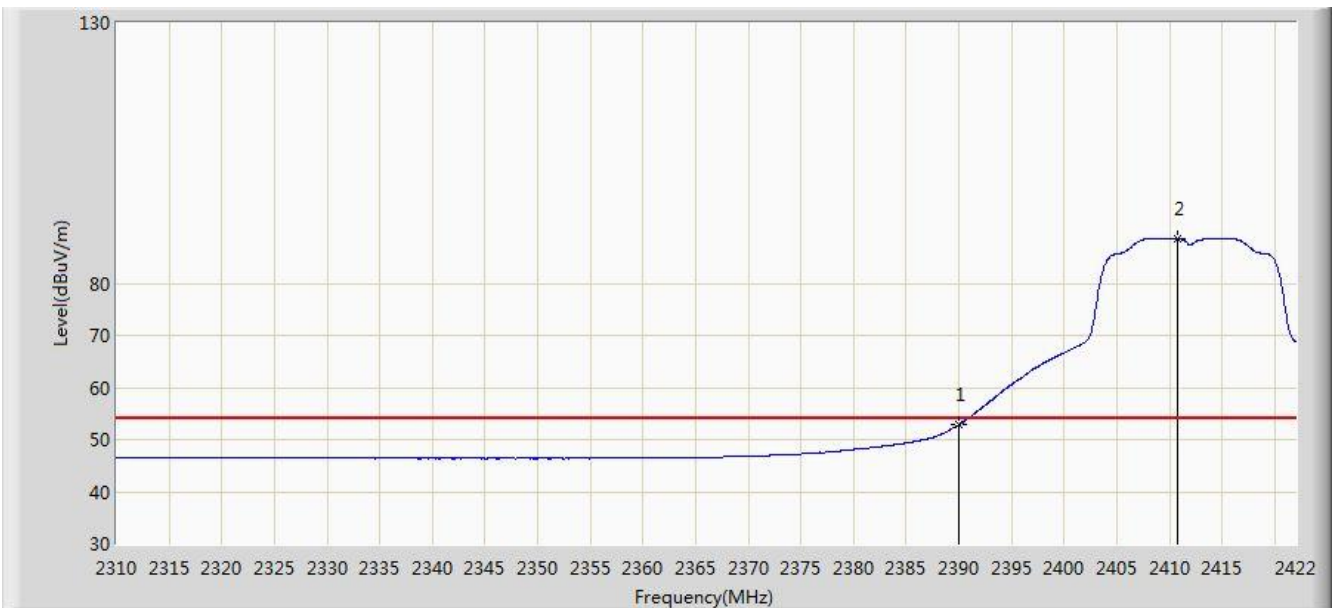


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	71.883	39.328	-2.117	74.000	32.555	PK
2			2390.000	70.170	37.616	-3.830	74.000	32.554	PK
3		*	2414.328	99.428	66.905	N/A	N/A	32.523	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant B	

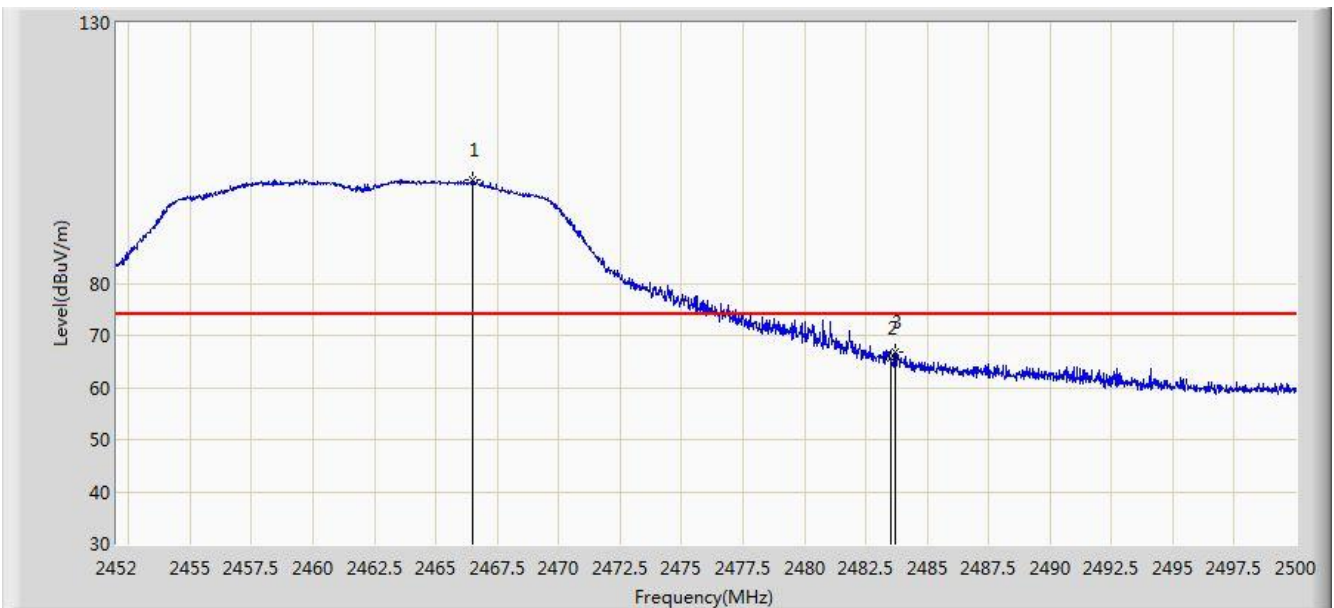


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.848	20.294	-1.152	54.000	32.554	AV
2		*	2410.800	88.593	56.066	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant B	

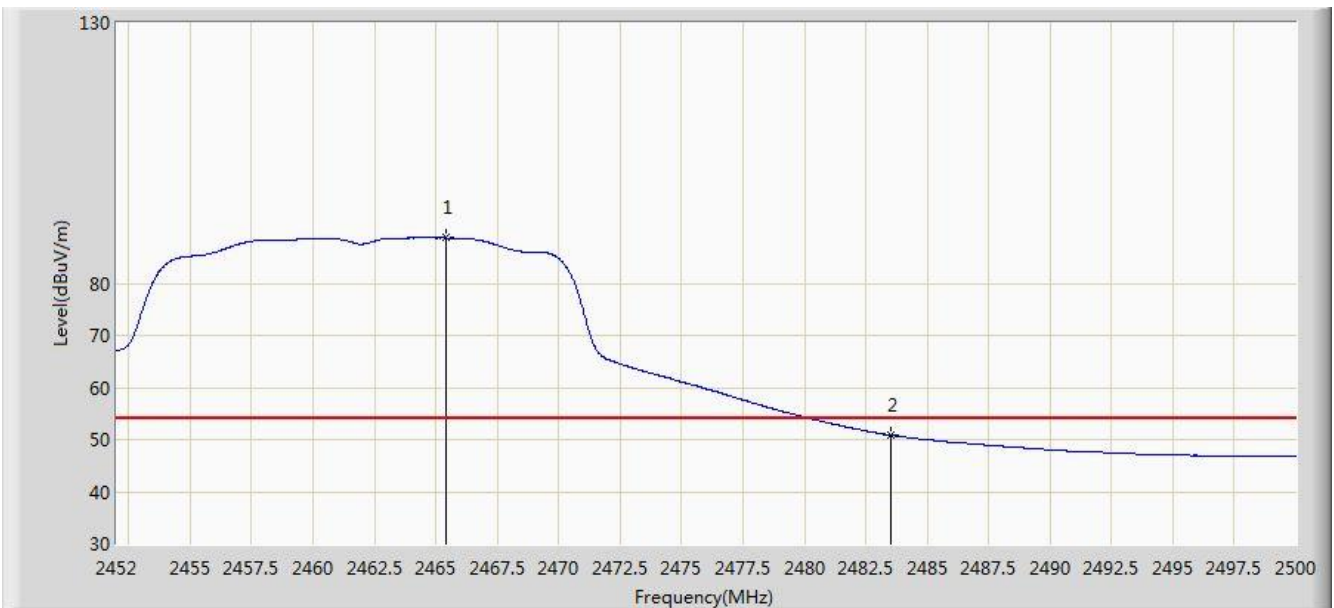


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.472	99.831	67.302	N/A	N/A	32.530	PK
2			2483.500	65.770	33.189	-8.230	74.000	32.580	PK
3			2483.680	66.867	34.286	-7.133	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant B	

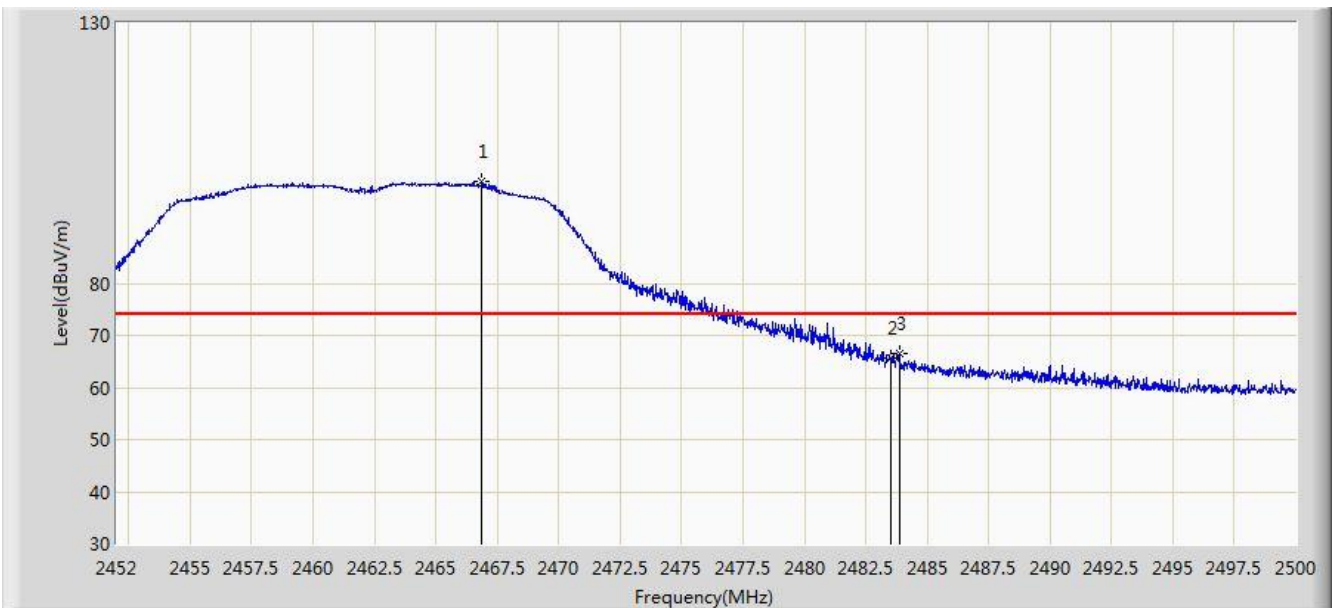


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.416	88.706	56.180	N/A	N/A	32.526	AV
2			2483.500	50.865	18.284	-3.135	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant B	

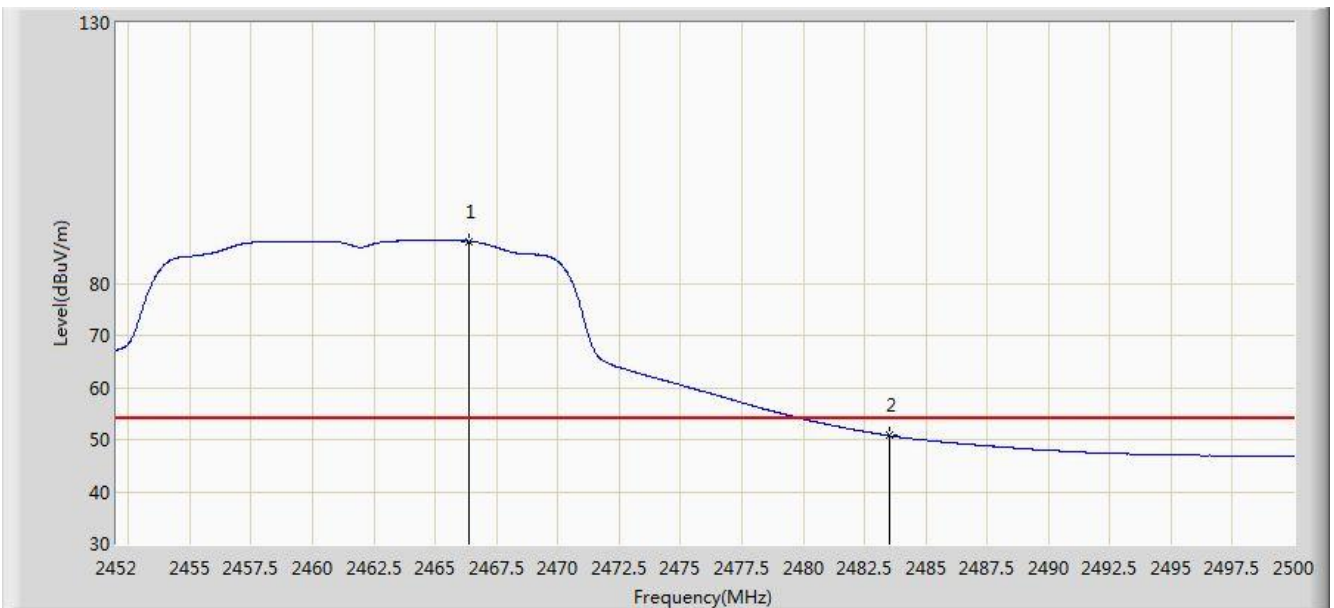


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.880	99.509	66.978	N/A	N/A	32.531	PK
2			2483.500	65.510	32.929	-8.490	74.000	32.580	PK
3			2483.872	66.506	33.924	-7.494	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant B	

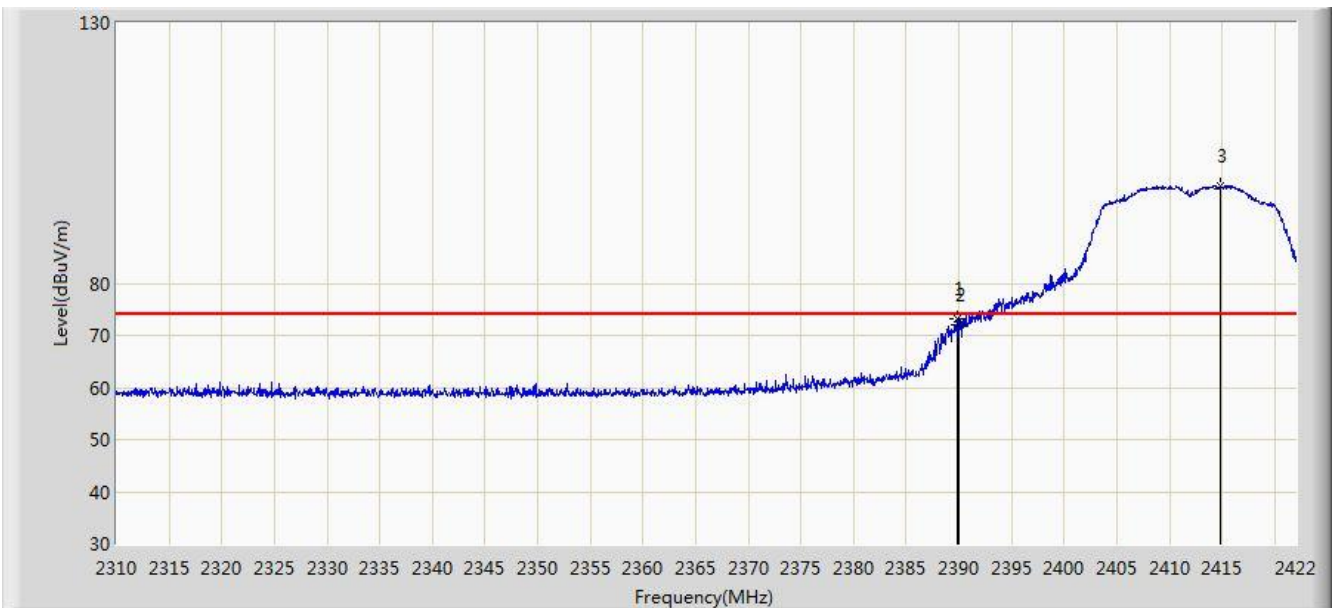


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.376	88.097	55.568	N/A	N/A	32.529	AV
2			2483.500	50.743	18.162	-3.257	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant B	

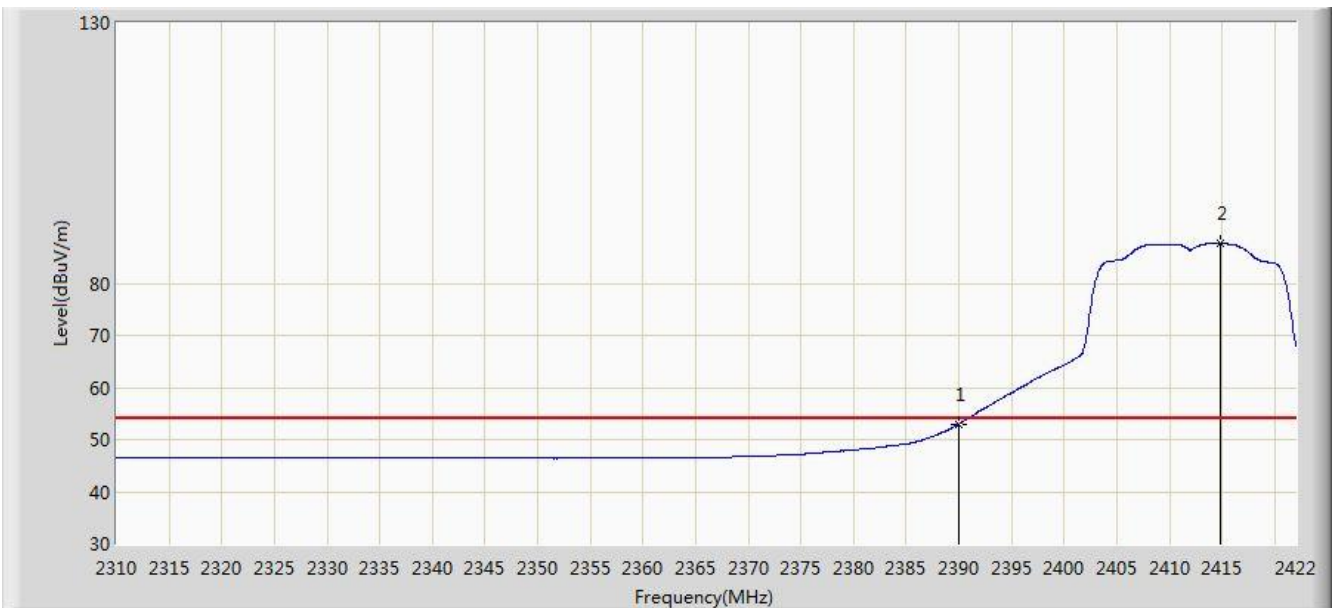


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	73.328	40.773	-0.672	74.000	32.555	PK
2			2390.000	72.090	39.536	-1.910	74.000	32.554	PK
3		*	2414.832	98.561	66.039	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant B	

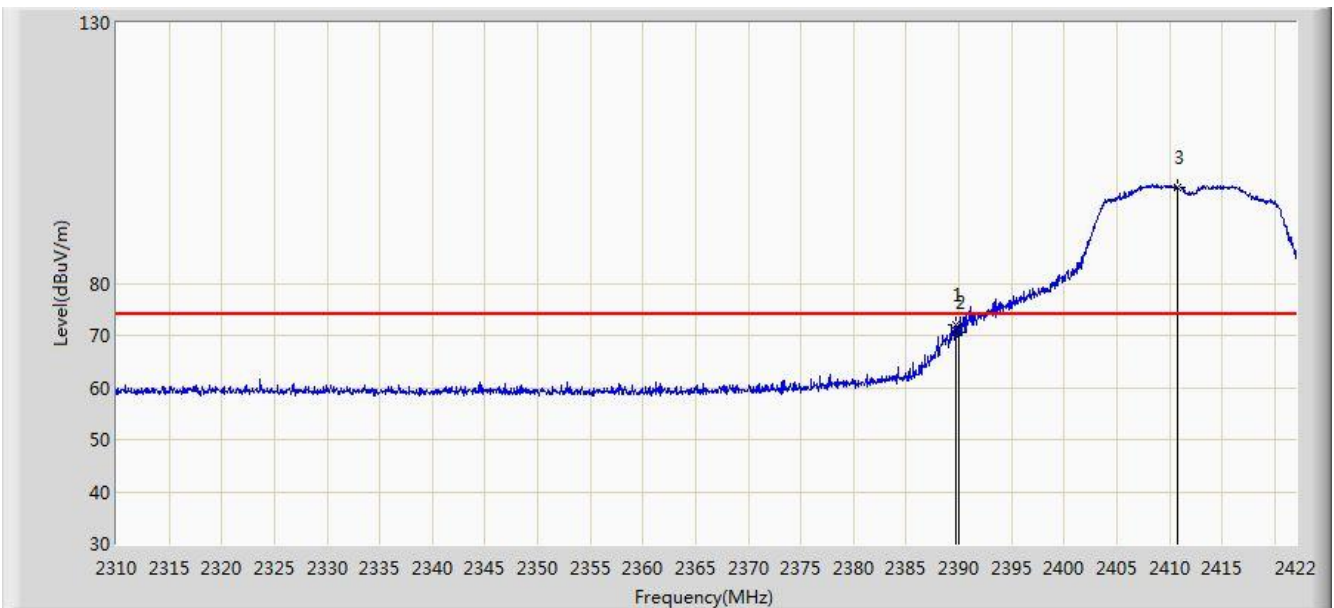


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.996	20.442	-1.004	54.000	32.554	AV
2		*	2414.776	87.615	55.093	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant B	

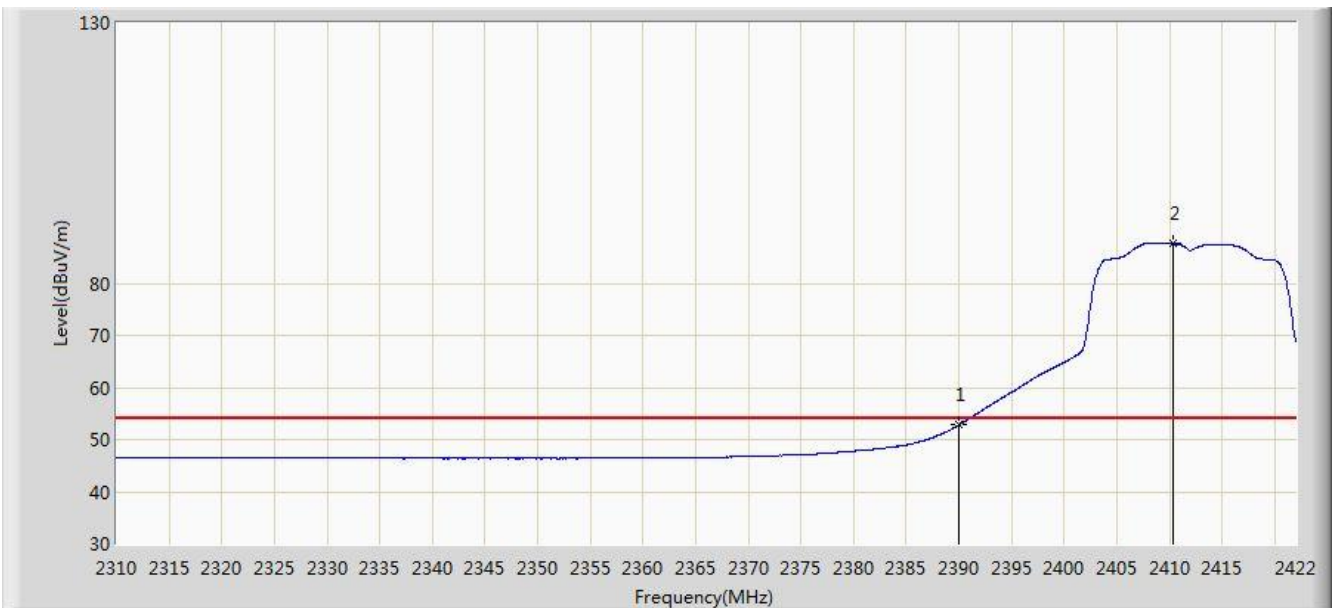


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.688	72.150	39.595	-1.850	74.000	32.555	PK
2			2390.000	70.532	37.978	-3.468	74.000	32.554	PK
3		*	2410.800	98.542	66.015	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant B	

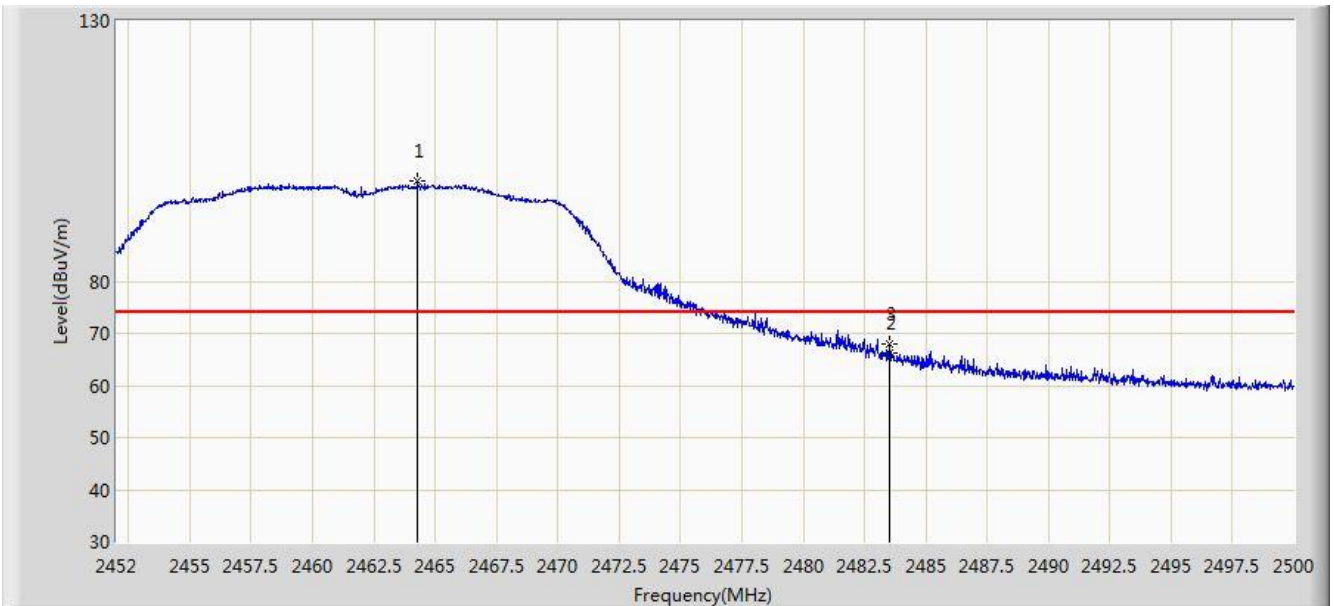


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.814	20.260	-1.186	54.000	32.554	AV
2		*	2410.296	87.616	55.088	N/A	N/A	32.528	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant B	

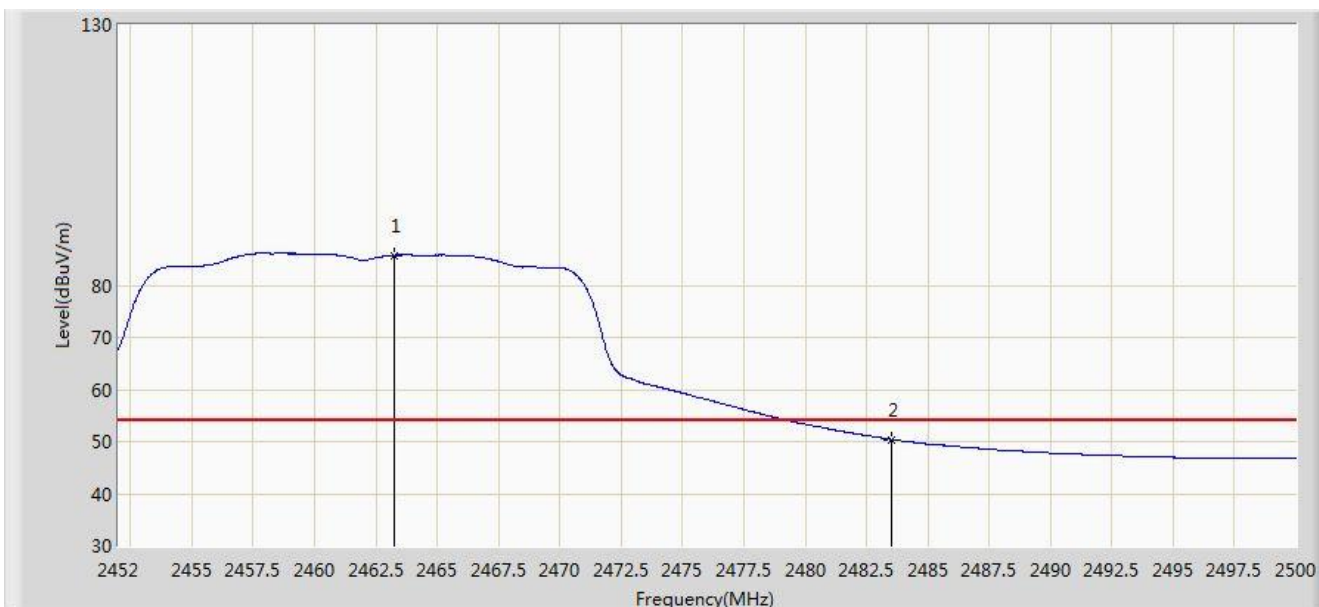


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.288	99.159	66.636	N/A	N/A	32.523	PK
2			2483.500	66.106	33.525	-7.894	74.000	32.580	PK
3			2483.536	67.966	35.385	-6.034	74.000	32.580	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant B	

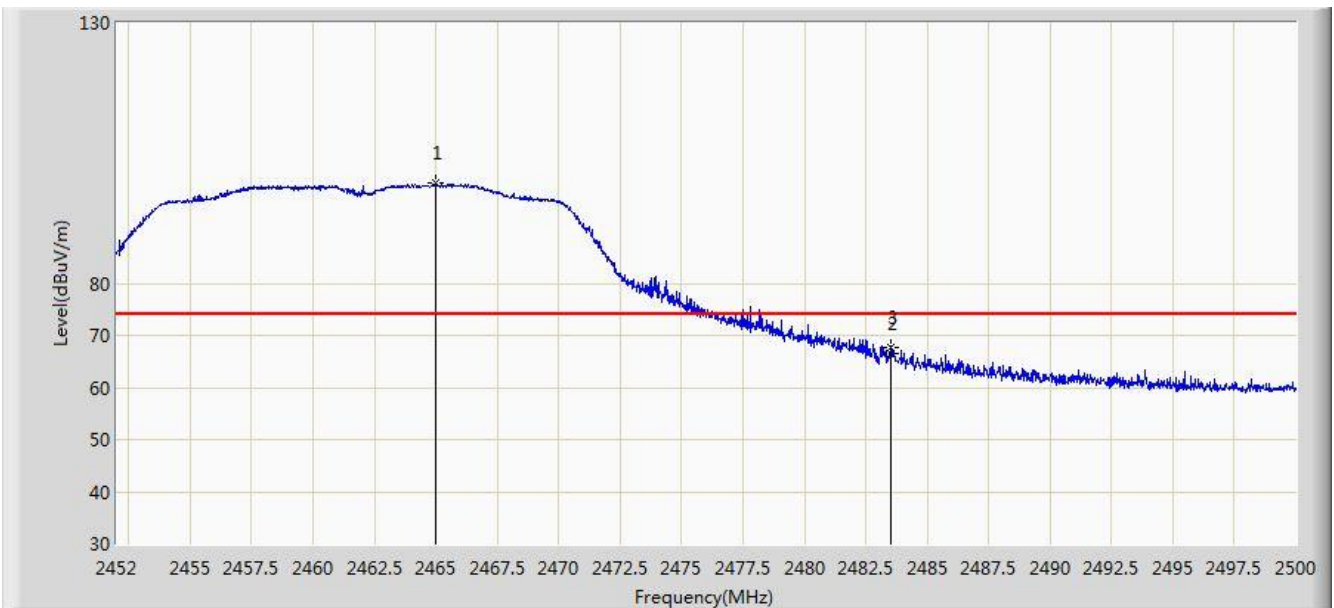


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.256	85.780	53.260	N/A	N/A	32.520	AV
2			2483.500	50.408	17.827	-3.592	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 05:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant B	

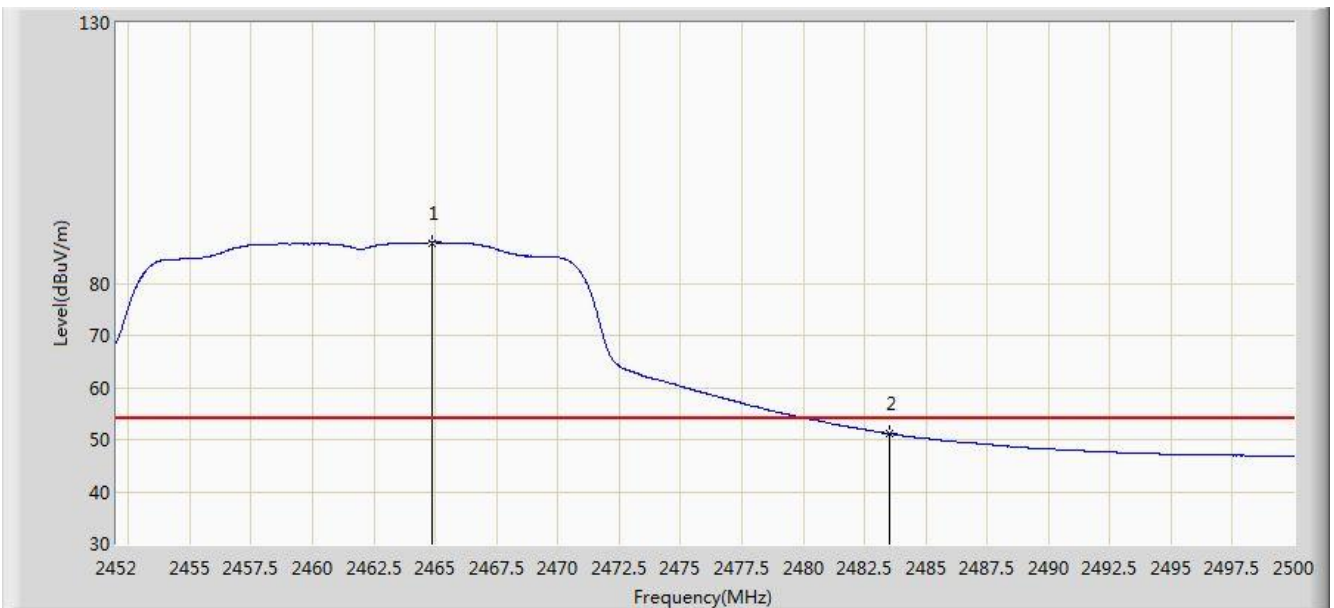


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.008	99.241	66.716	N/A	N/A	32.525	PK
2			2483.500	66.549	33.968	-7.451	74.000	32.580	PK
3			2483.512	67.565	34.984	-6.435	74.000	32.580	PK

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

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

Site: AC1	Time: 2018/03/31 - 05:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant B	

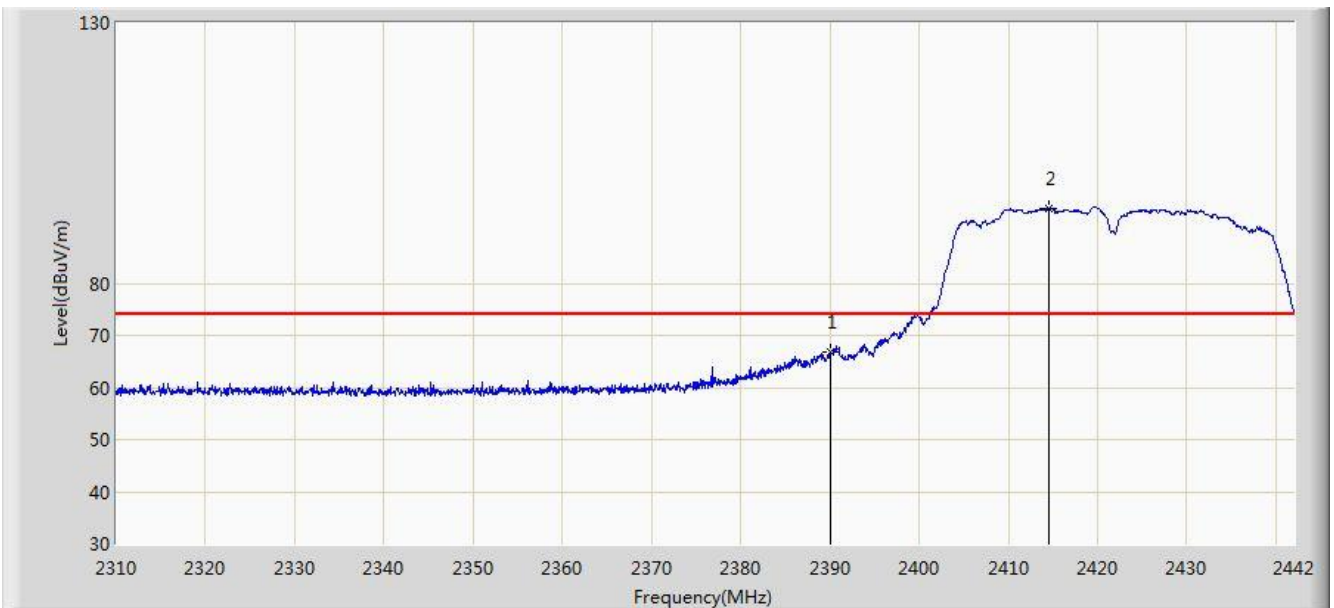


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.888	87.821	55.296	N/A	N/A	32.525	AV
2			2483.500	51.147	18.566	-2.853	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 06:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant B	

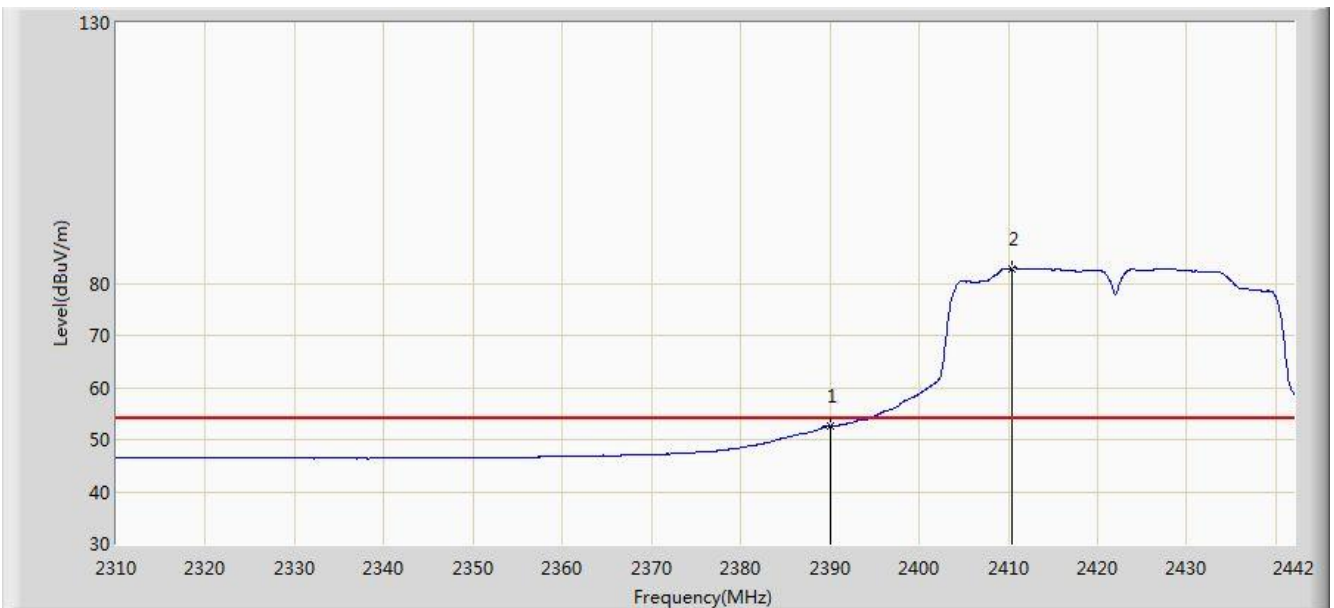


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	66.722	34.168	-7.278	74.000	32.554	PK
2		*	2414.610	94.454	61.932	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2018/03/31 - 06:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant B	

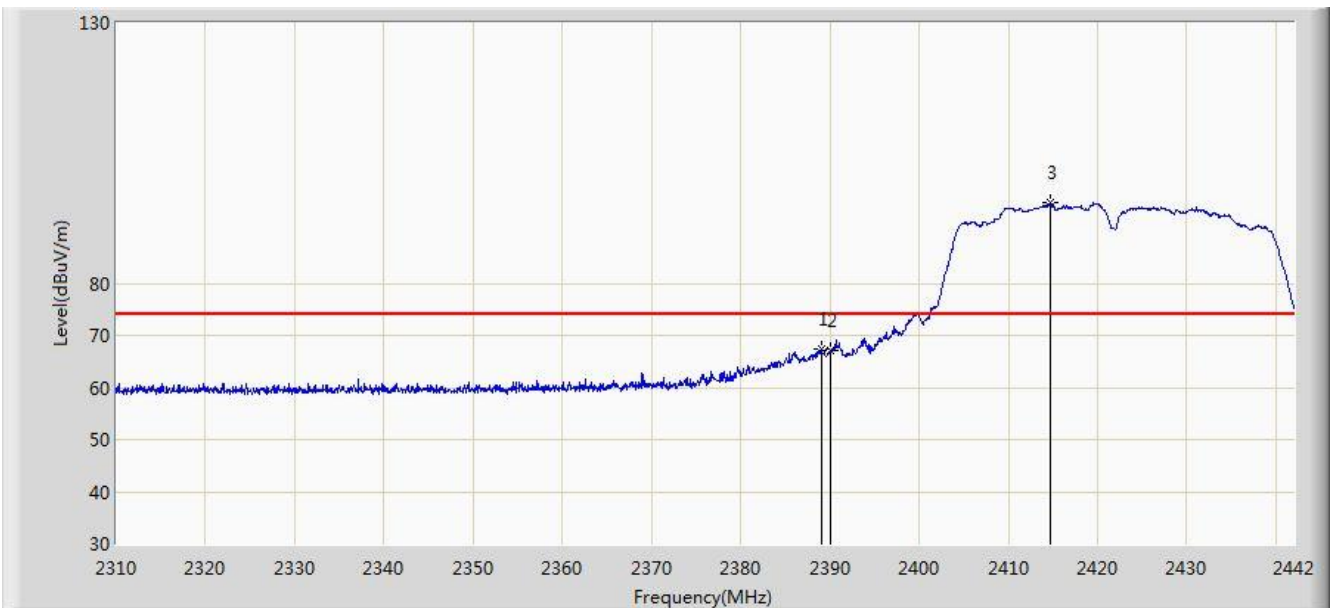


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.536	19.982	-1.464	54.000	32.554	AV
2		*	2410.386	82.856	50.328	N/A	N/A	32.528	AV

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

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

Site: AC1	Time: 2018/03/31 - 06:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant B	

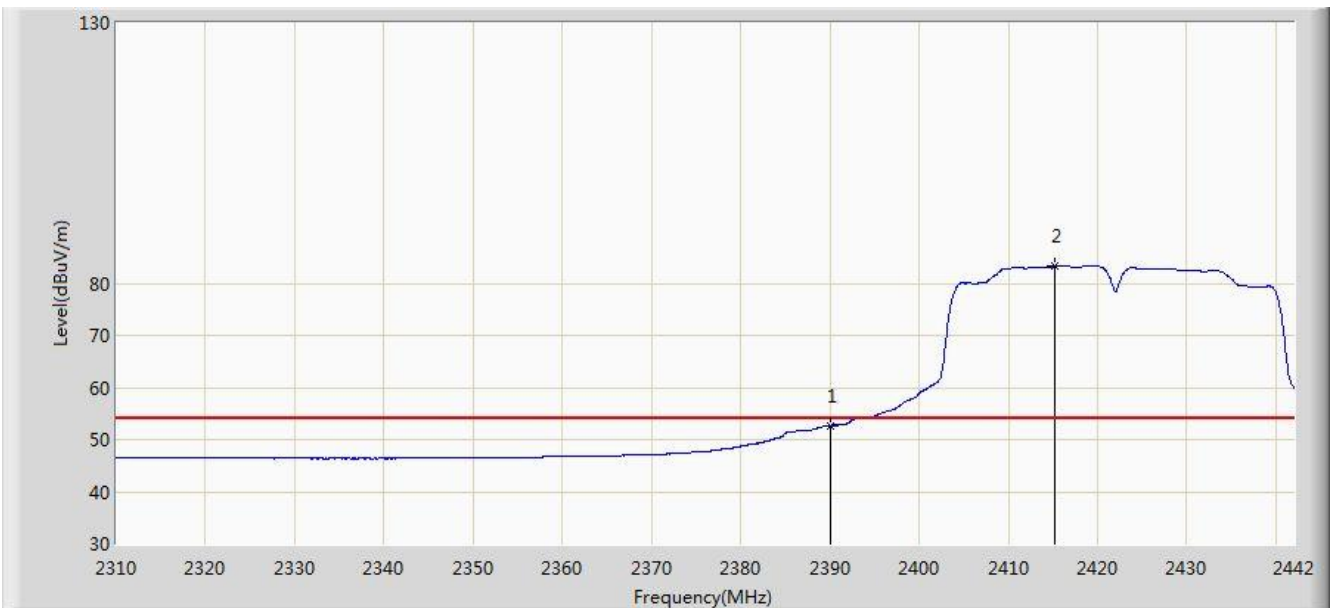


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.068	67.289	34.733	-6.711	74.000	32.556	PK
2			2390.000	67.031	34.477	-6.969	74.000	32.554	PK
3		*	2414.676	95.525	63.003	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2018/03/31 - 06:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant B	

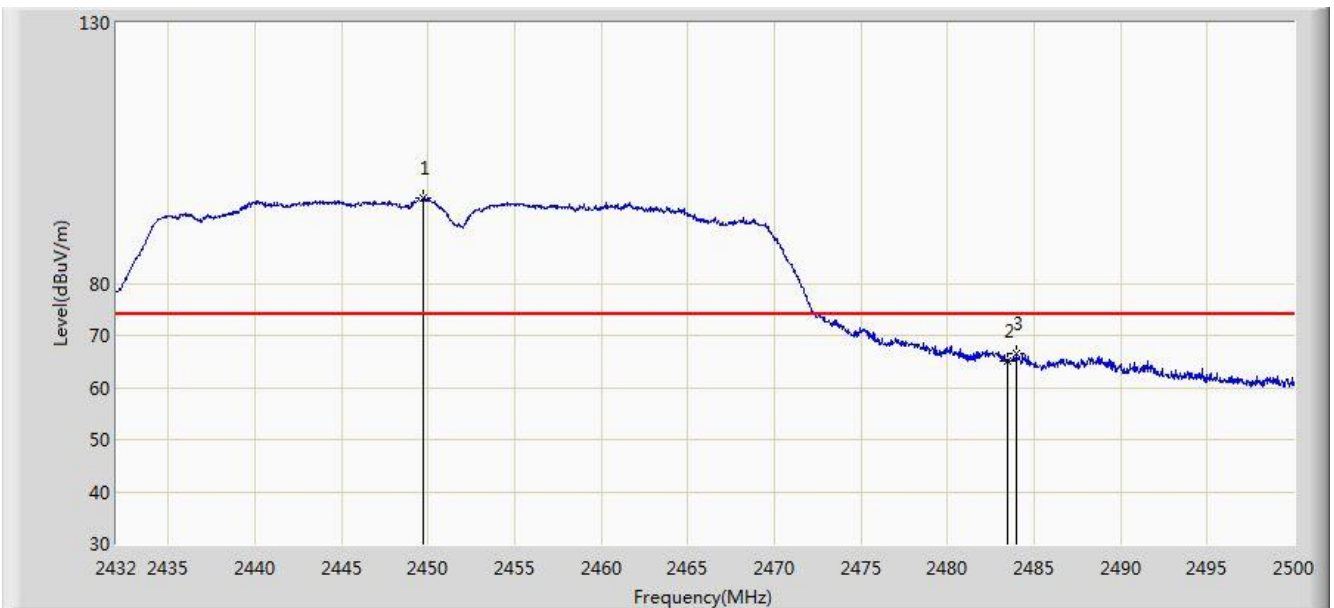


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.712	20.158	-1.288	54.000	32.554	AV
2		*	2415.204	83.275	50.753	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/03/31 - 06:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant B	

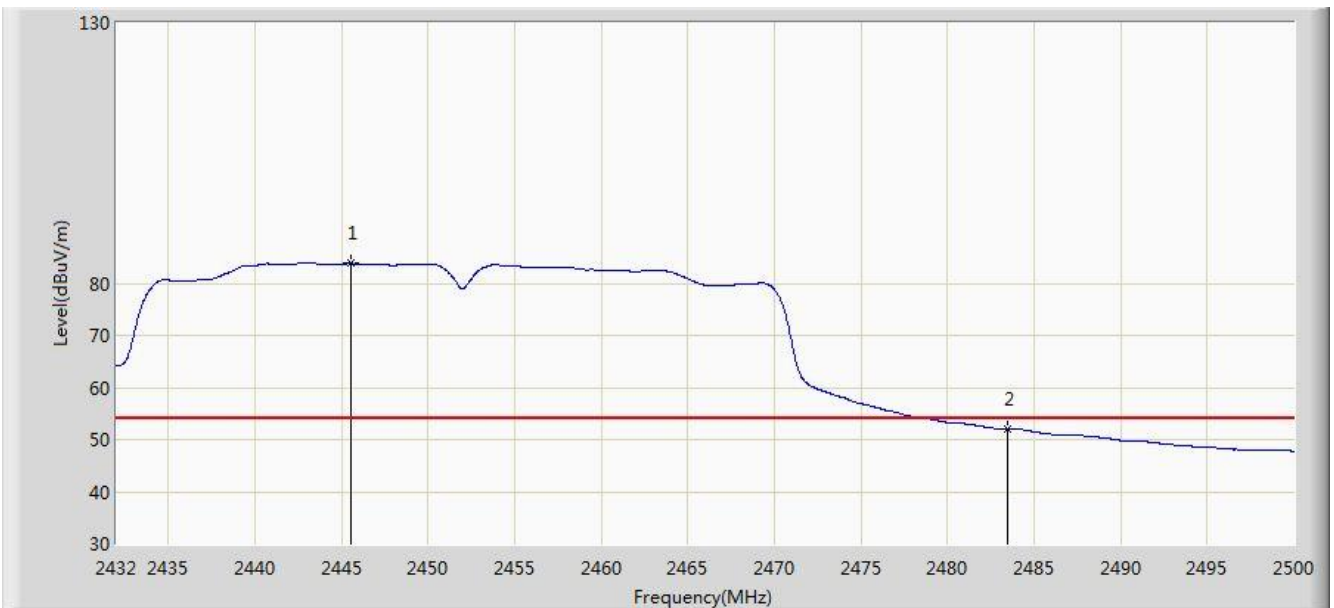


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.748	96.348	63.853	N/A	N/A	32.495	PK
2			2483.500	65.208	32.627	-8.792	74.000	32.580	PK
3			2483.952	66.410	33.828	-7.590	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/31 - 06:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant B	

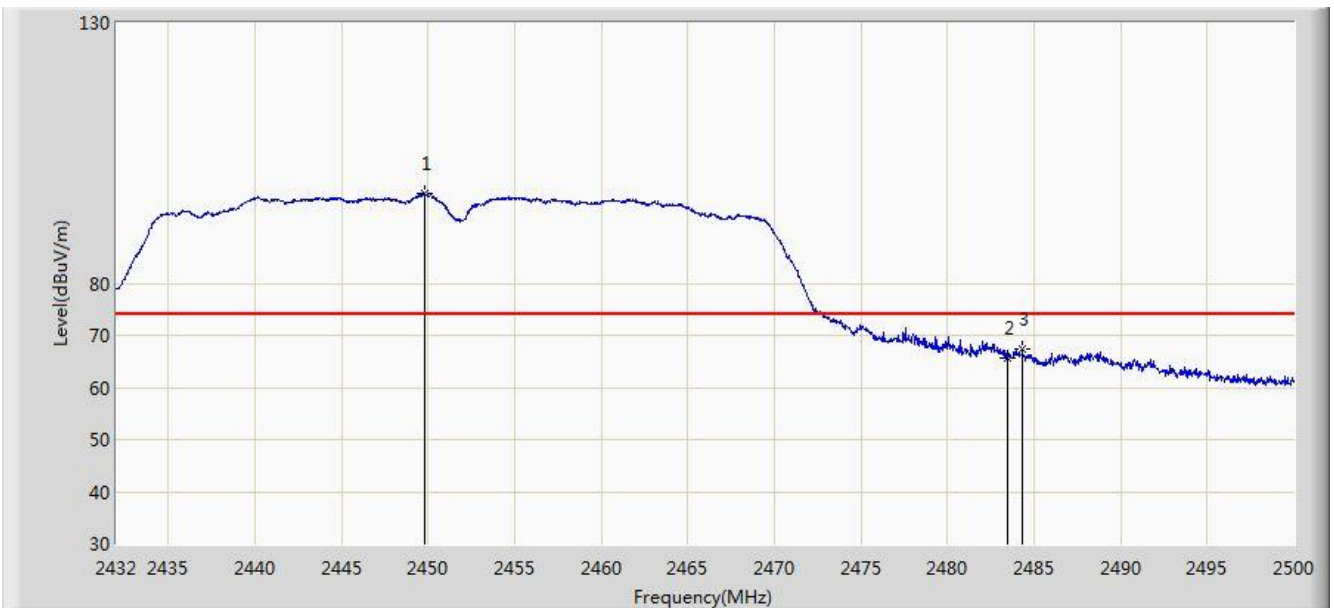


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.566	83.784	51.297	N/A	N/A	32.487	AV
2			2483.500	52.132	19.551	-1.868	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/31 - 06:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant B	

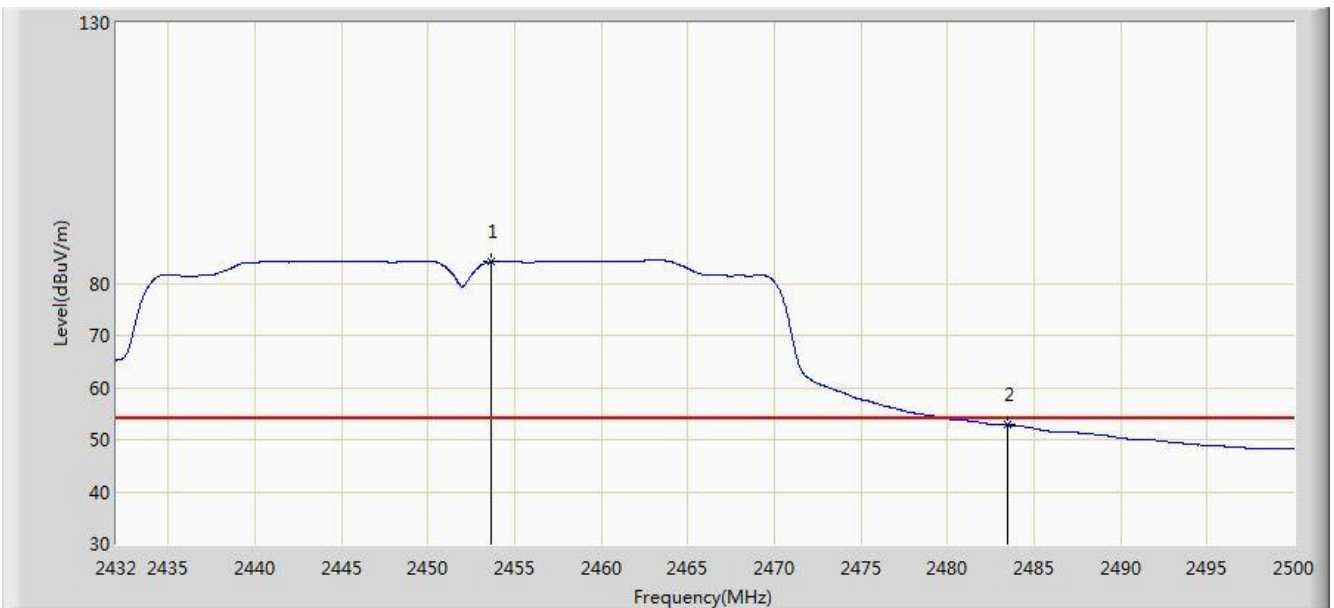


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.850	97.183	64.688	N/A	N/A	32.495	PK
2			2483.500	65.755	33.174	-8.245	74.000	32.580	PK
3			2484.326	67.489	34.906	-6.511	74.000	32.583	PK

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

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

Site: AC1	Time: 2018/03/31 - 06:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant B	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.658	84.203	51.701	N/A	N/A	32.502	AV
2			2483.500	52.781	20.200	-1.219	54.000	32.580	AV

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

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

7.8. AC Conducted Emissions Measurement

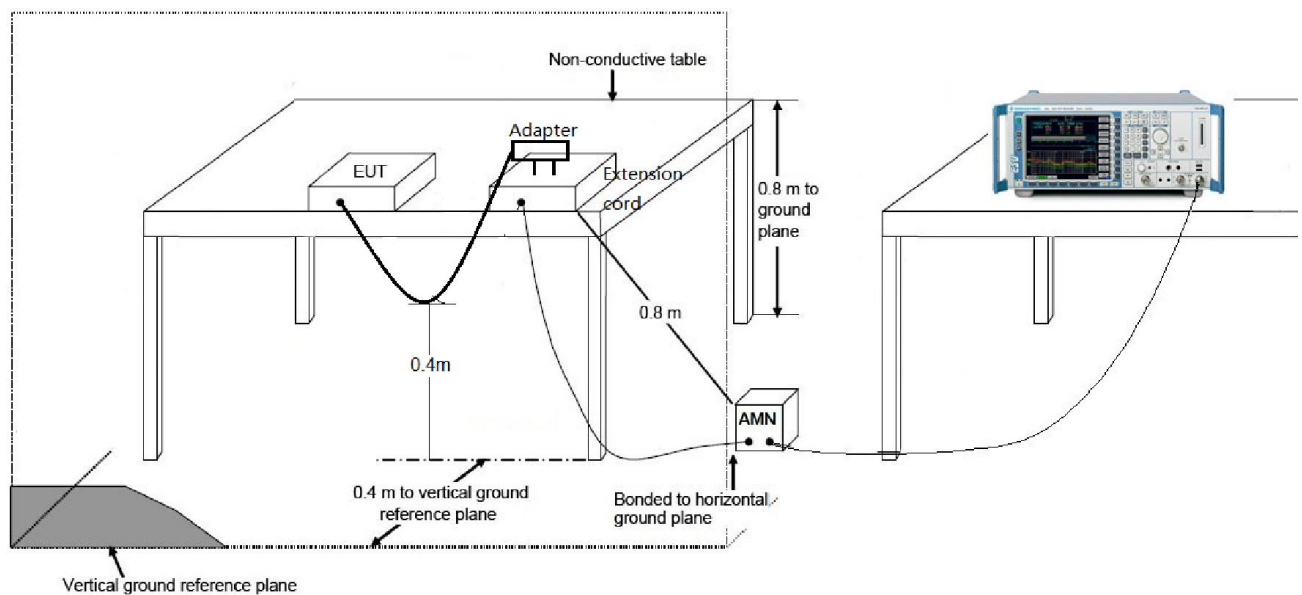
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

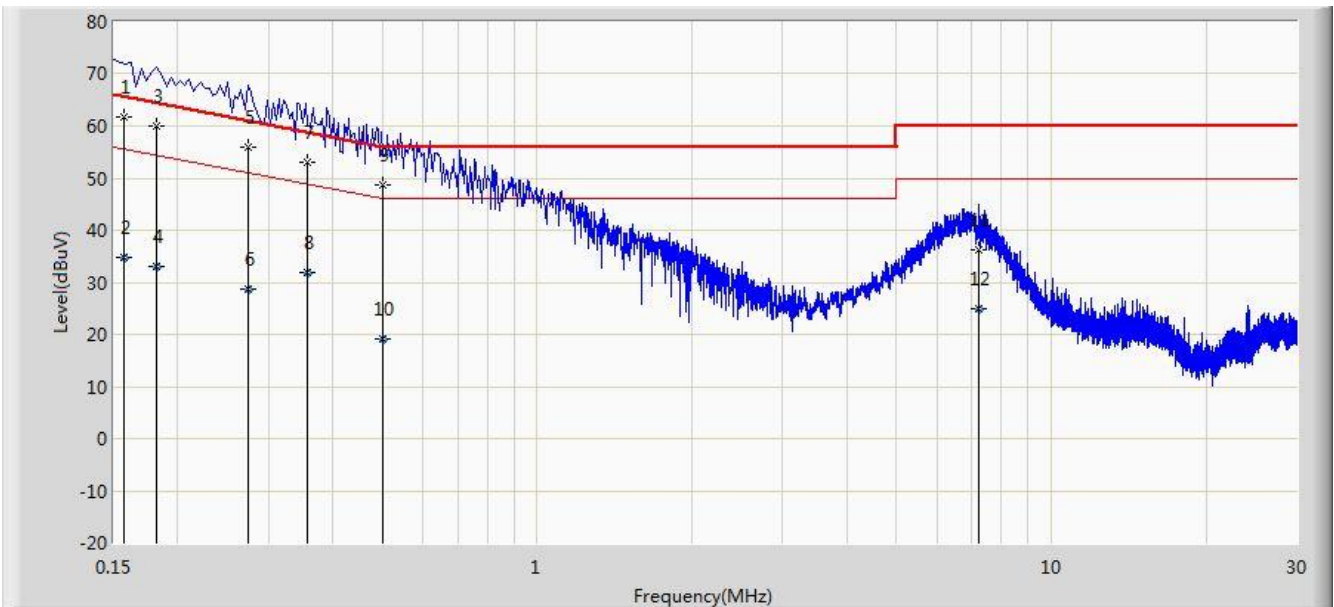
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3.Test Result

Site: SR2	Time: 2018/04/16 - 15:12
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Kevin Ker
Probe: ENV216_Filter On	Polarity: Line
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Mode1	

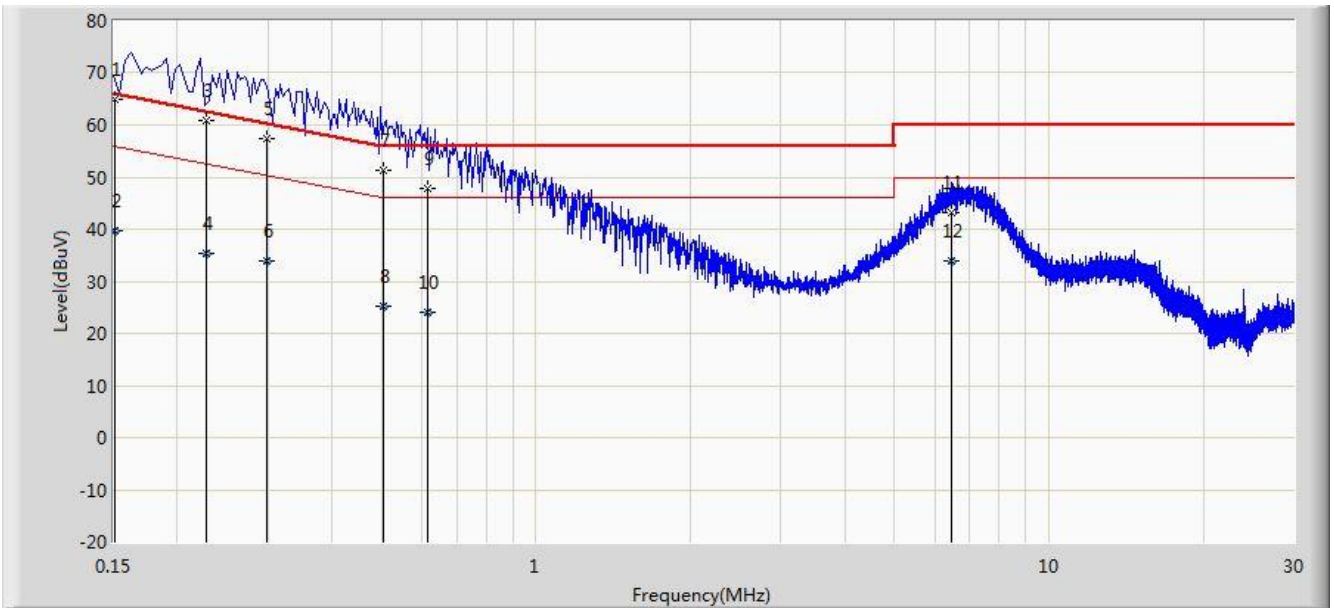


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.157	61.718	51.419	-3.904	65.621	10.299	QP
2			0.157	34.918	24.619	-20.704	55.621	10.299	AV
3			0.182	60.048	49.988	-4.346	64.394	10.060	QP
4			0.182	33.048	22.988	-21.346	54.394	10.060	AV
5			0.274	55.883	45.904	-5.113	60.996	9.979	QP
6			0.274	28.783	18.804	-22.213	50.996	9.979	AV
7			0.358	53.051	43.030	-5.724	58.775	10.020	QP
8			0.358	31.951	21.930	-16.824	48.775	10.020	AV
9			0.500	48.557	38.473	-7.443	56.000	10.084	QP
10			0.500	19.257	9.173	-26.743	46.000	10.084	AV
11			7.206	36.088	26.302	-23.912	60.000	9.786	QP
12			7.206	24.876	15.090	-25.124	50.000	9.786	AV

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

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

Site: SR2	Time: 2018/04/16 - 15:44
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Kevin Ker
Probe: ENV216_Filter On	Polarity: Neutral
EUT: Acute Angle PC	Power: AC 120V/60Hz
Test Mode: Mode1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.151	64.935	53.803	-1.010	65.945	11.132	QP
2			0.151	39.835	28.703	-16.110	55.945	11.132	AV
3			0.228	60.784	50.833	-1.739	62.522	9.951	QP
4			0.228	35.284	25.333	-17.239	52.522	9.951	AV
5			0.298	57.536	47.542	-2.762	60.298	9.994	QP
6			0.298	33.836	23.842	-16.462	50.298	9.994	AV
7			0.504	51.177	41.065	-4.823	56.000	10.112	QP
8			0.504	25.177	15.065	-20.823	46.000	10.112	AV
9			0.614	47.812	37.747	-8.188	56.000	10.064	QP
10			0.614	24.016	13.951	-21.984	46.000	10.064	AV
11			6.474	43.290	33.493	-16.710	60.000	9.797	QP
12			6.474	33.879	24.082	-16.121	50.000	9.797	AV

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

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

8. CONCLUSION

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

The End