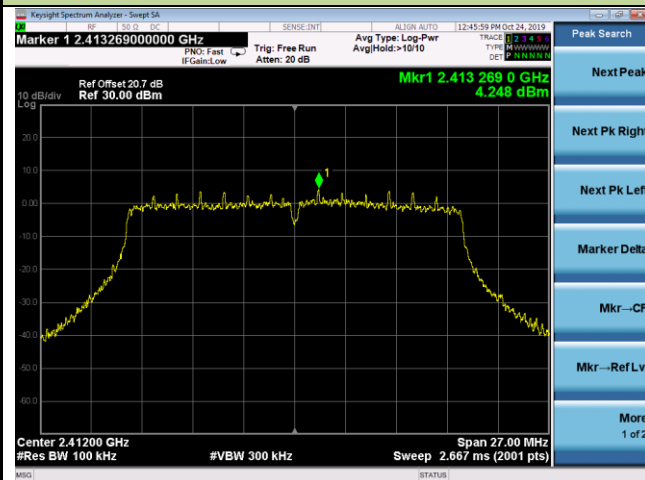


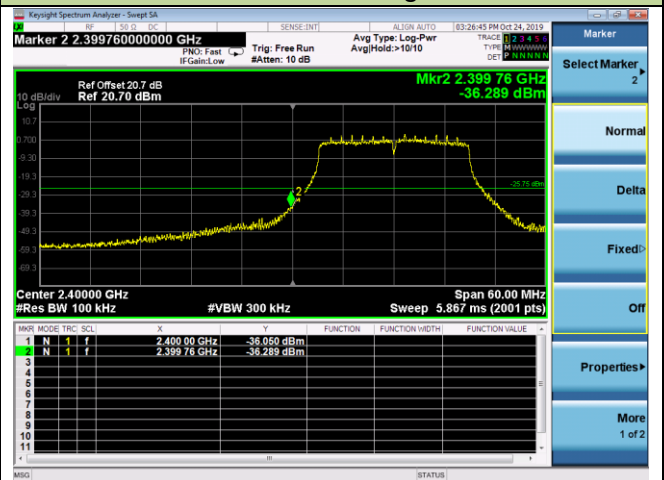
## 802.11VHT20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

## Channel 01 (2412MHz)

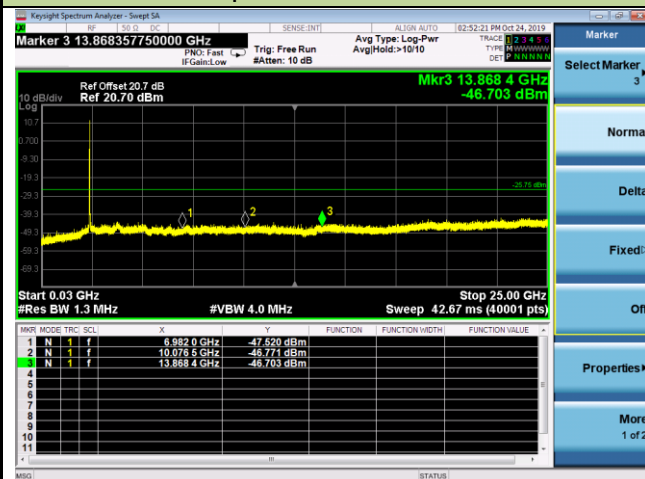
## 100kHz PSD reference Level



## Low Band Edge

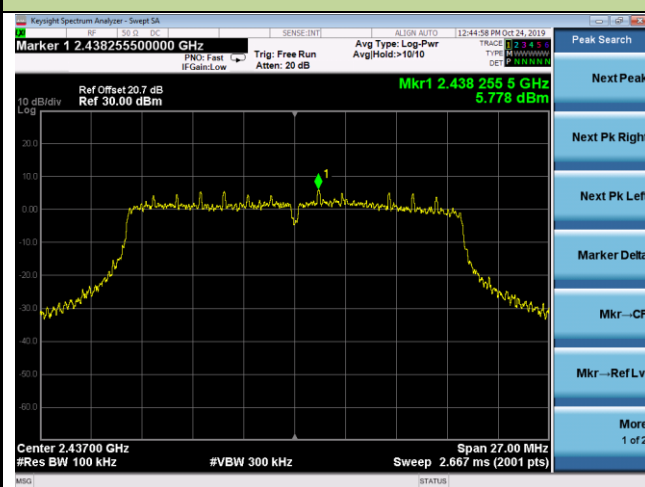


## Spurious Emission

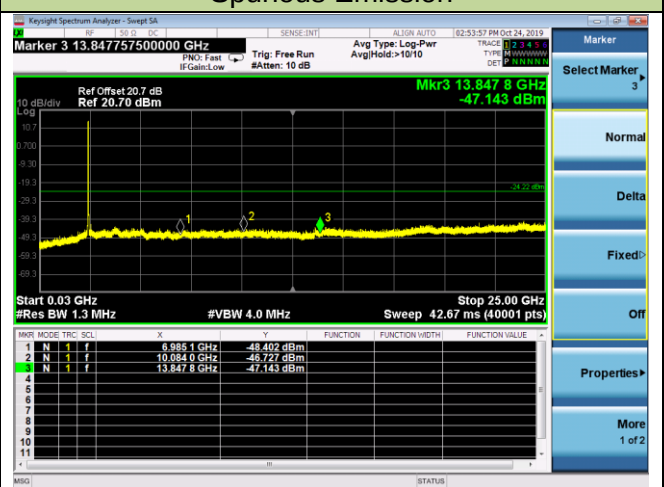


## Channel 06 (2437MHz)

## 100kHz PSD reference Level

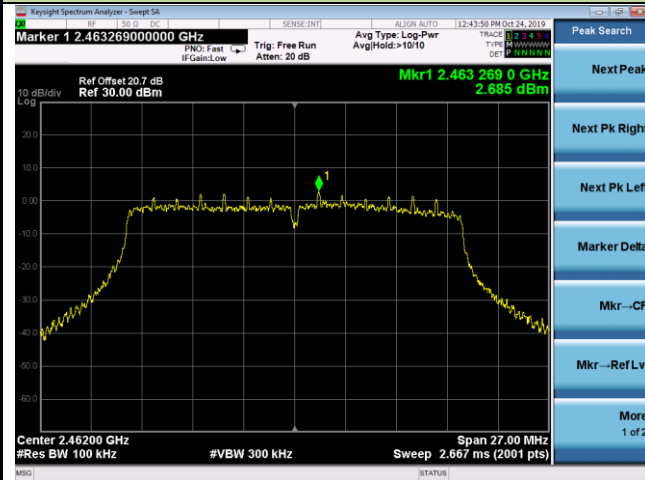


## Spurious Emission

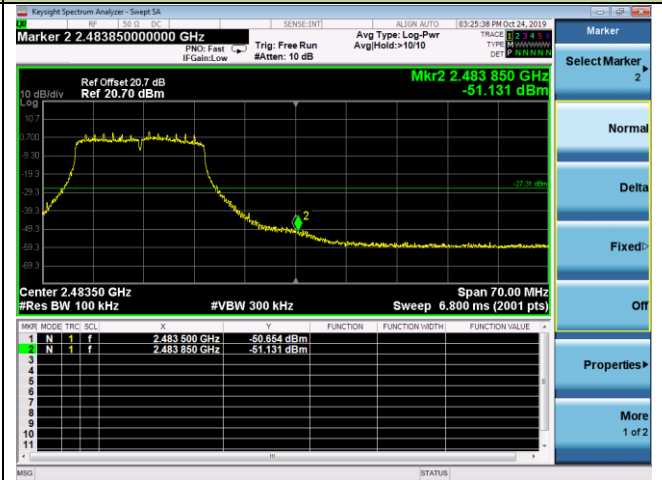


## Channel 11 (2462MHz)

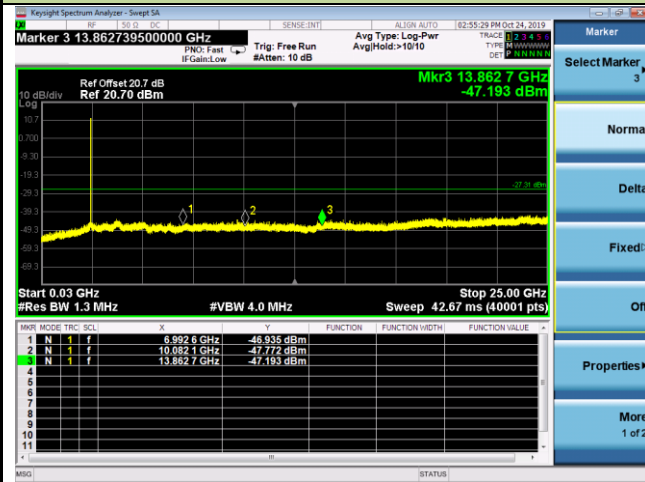
## 100kHz PSD reference Level



## High Band Edge



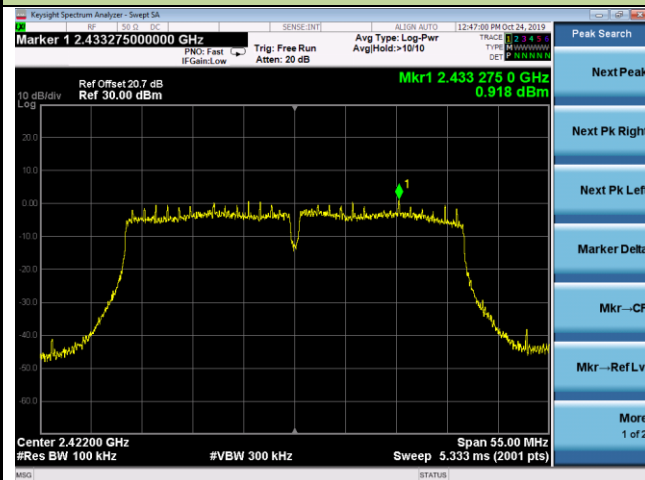
## Spurious Emission



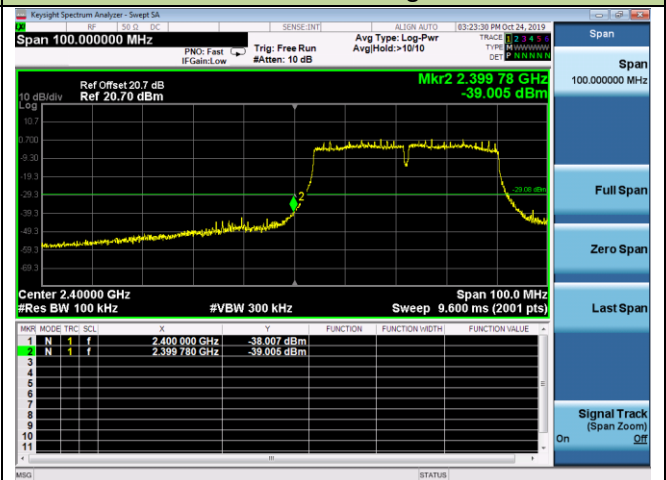
## 802.11VHT40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

## Channel 03 (2422MHz)

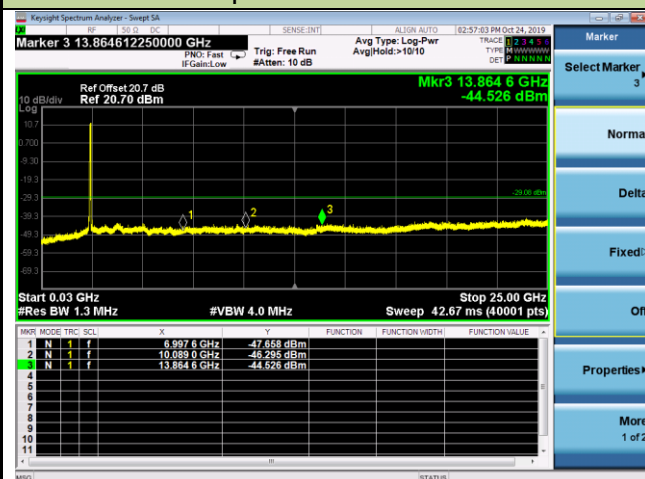
## 100kHz PSD reference Level



## Low Band Edge

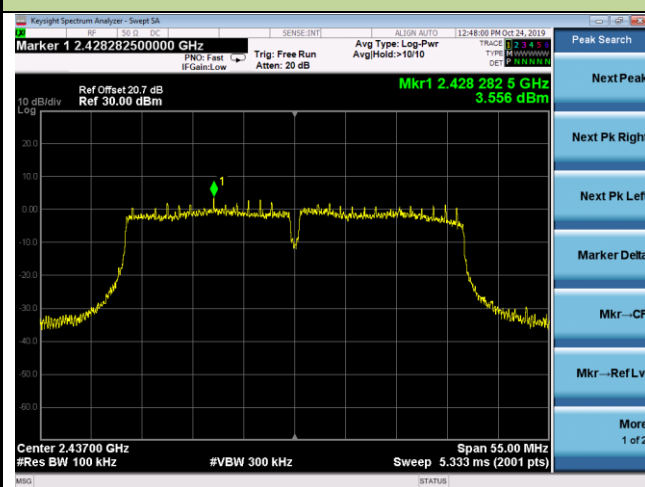


## Spurious Emission

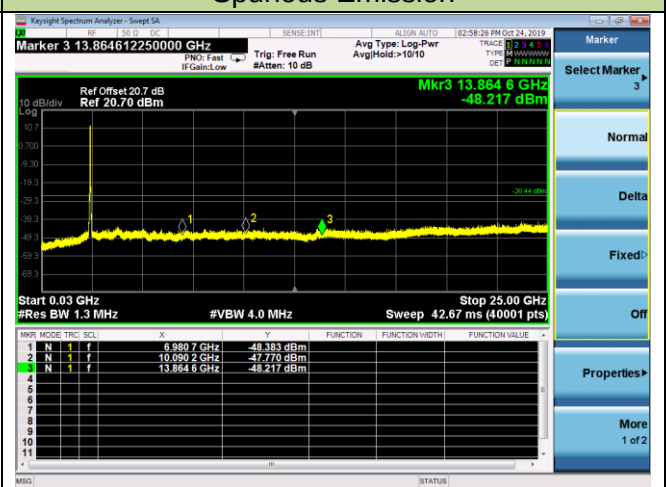


## Channel 06 (2437MHz)

## 100kHz PSD reference Level

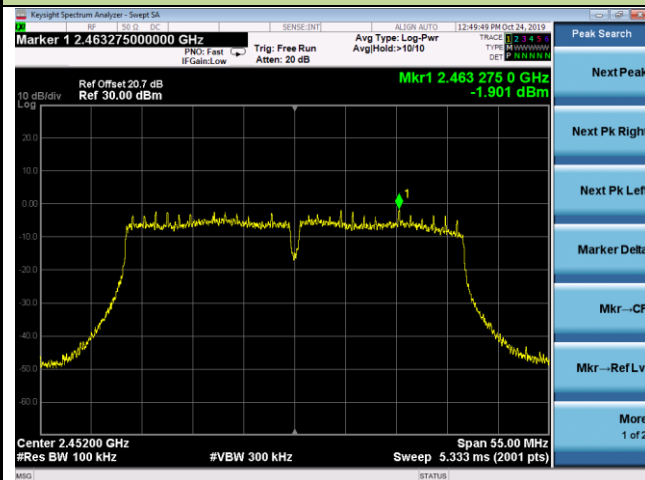


## Spurious Emission



## Channel 09 (2452MHz)

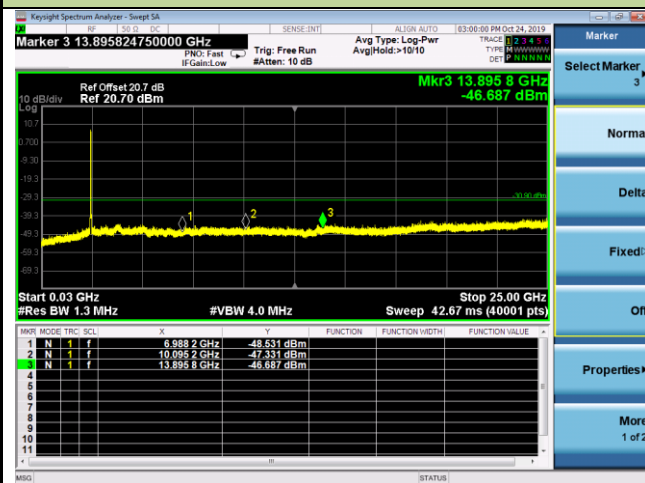
## 100kHz PSD reference Level



## High Band Edge



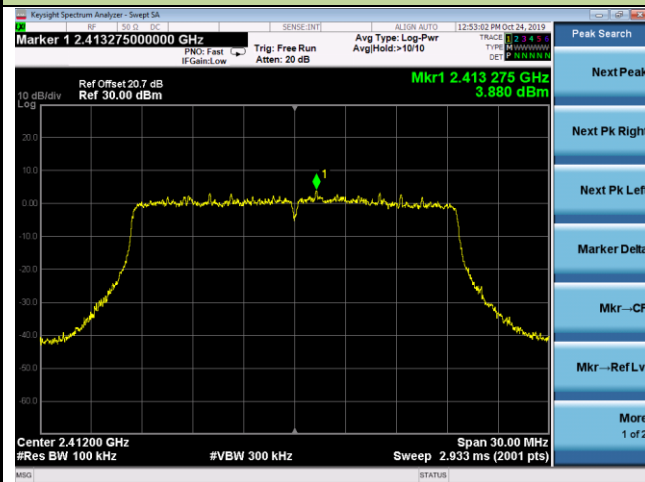
## Spurious Emission



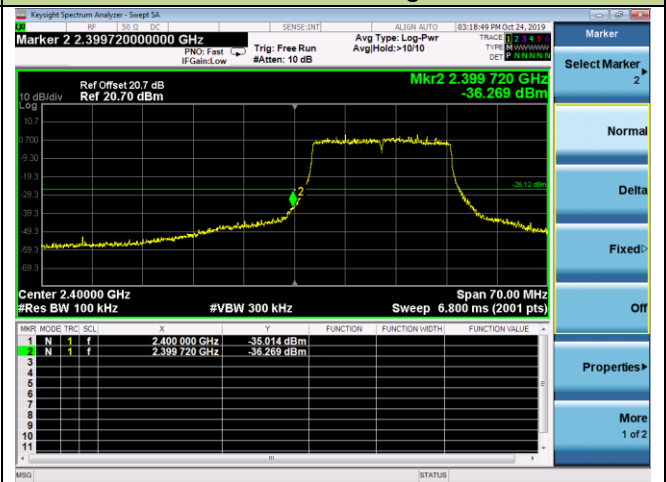
## 802.11ax-HT20 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

## Channel 01 (2412MHz)

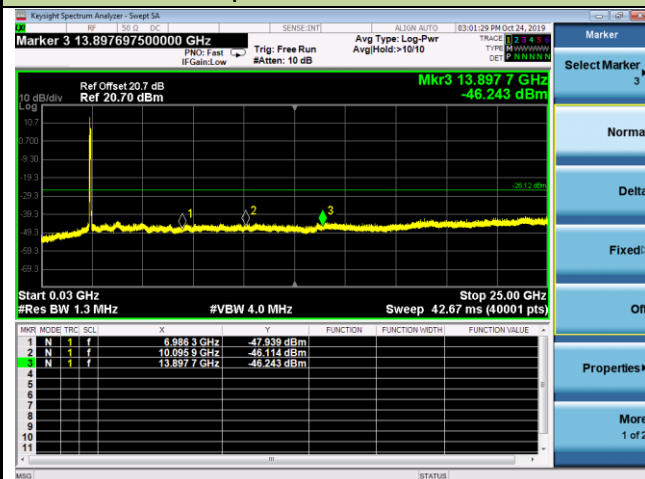
## 100kHz PSD reference Level



## Low Band Edge

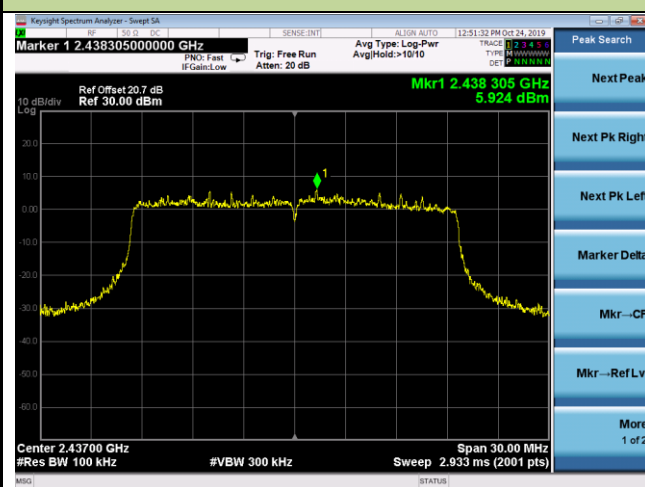


## Spurious Emission

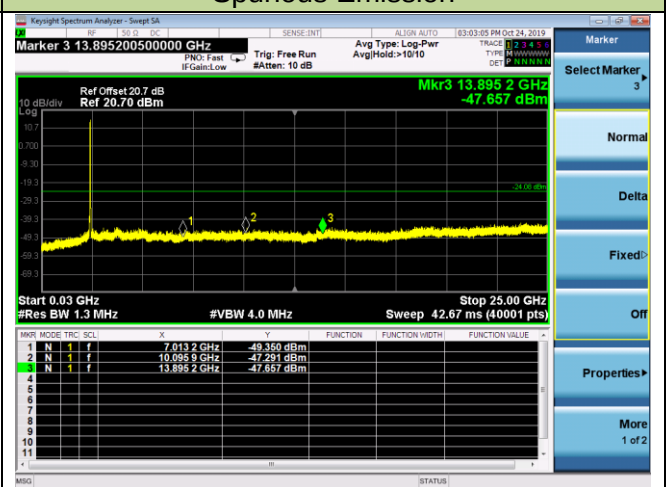


## Channel 06 (2437MHz)

## 100kHz PSD reference Level

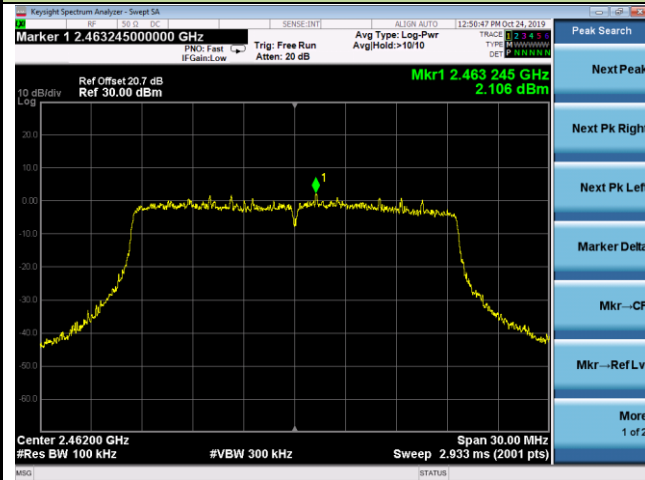


## Spurious Emission

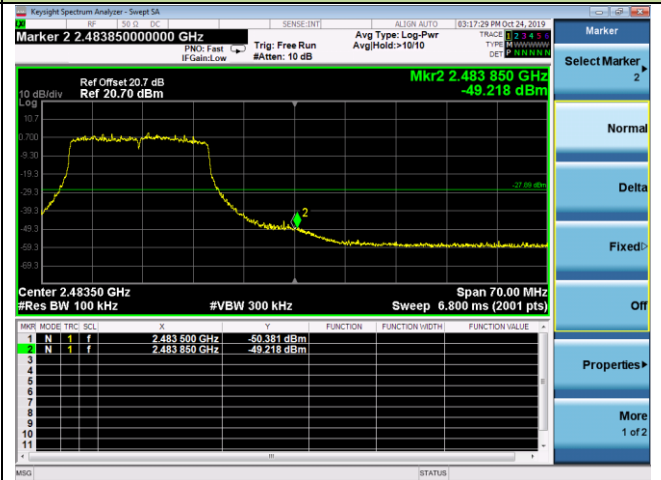


## Channel 11 (2462MHz)

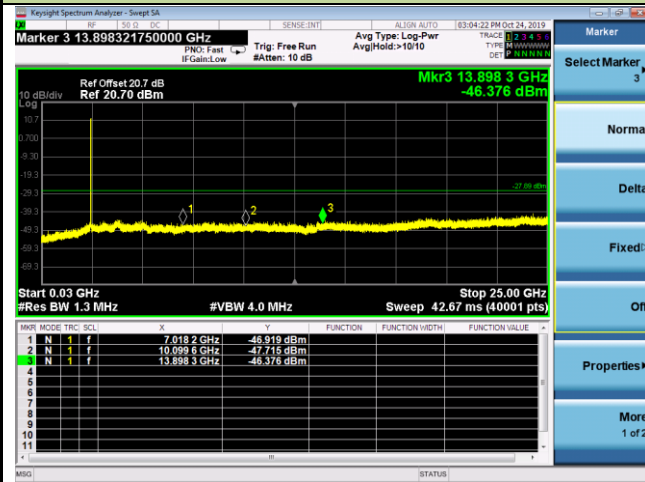
## 100kHz PSD reference Level



## High Band Edge



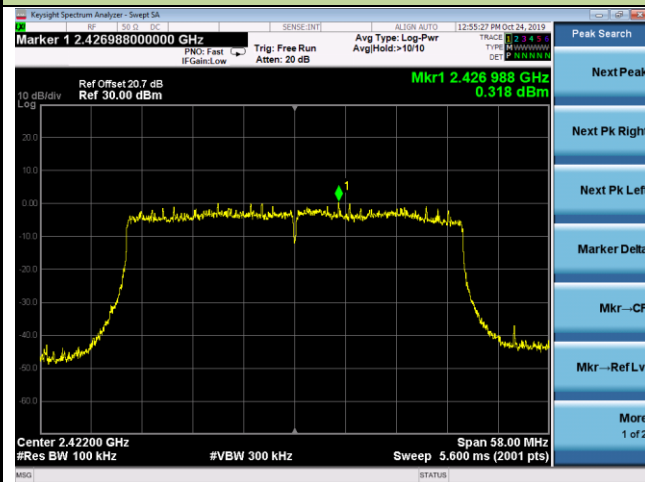
## Spurious Emission



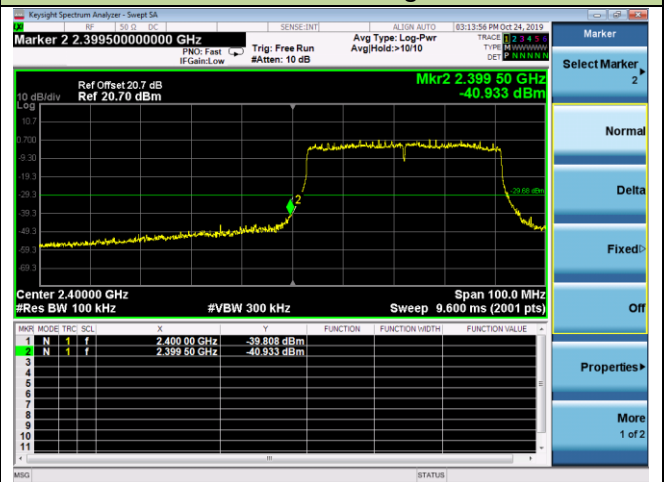
## 802.11ax-HT40 Out-of-Band Emissions- Ant 0 / Ant 0 + 1

## Channel 03 (2422MHz)

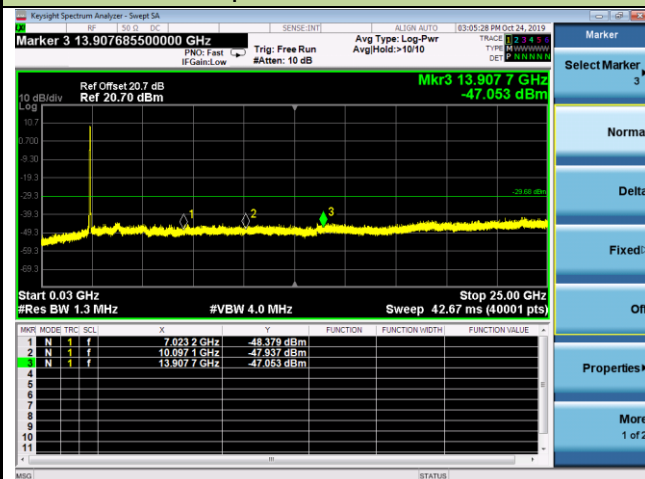
## 100kHz PSD reference Level



## Low Band Edge

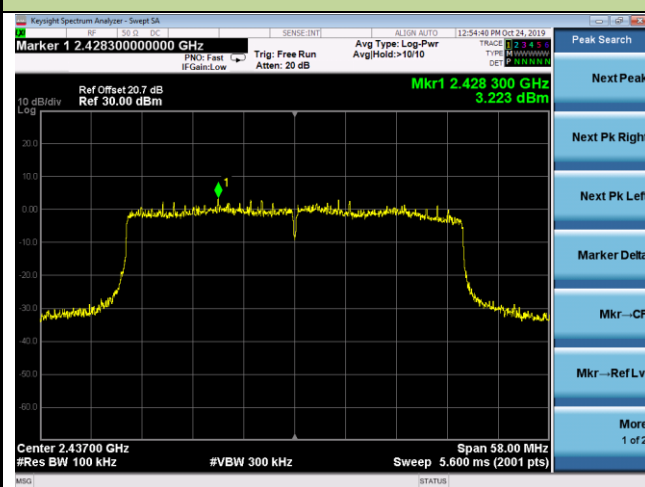


## Spurious Emission

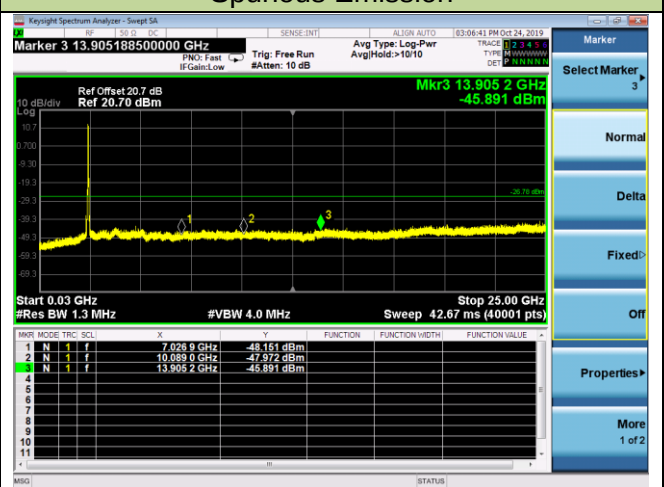


## Channel 06 (2437MHz)

## 100kHz PSD reference Level

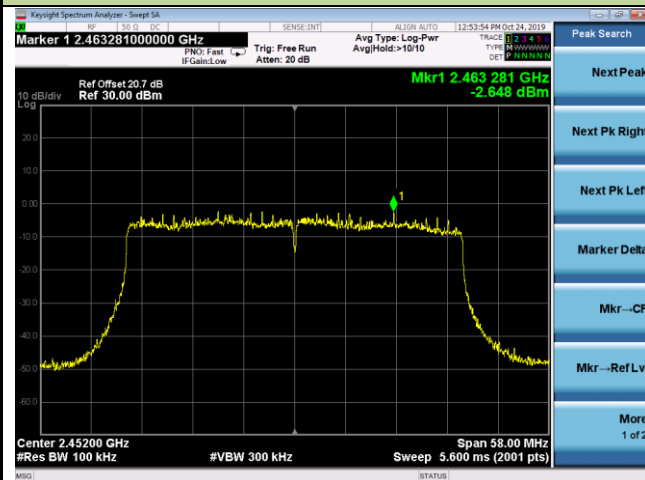


## Spurious Emission

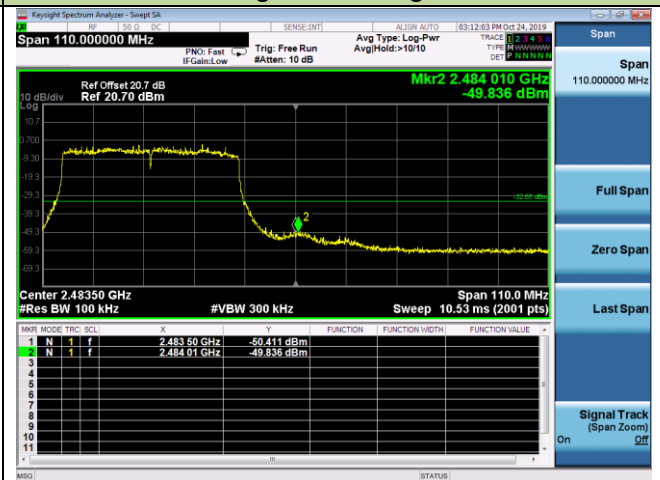


## Channel 09 (2452MHz)

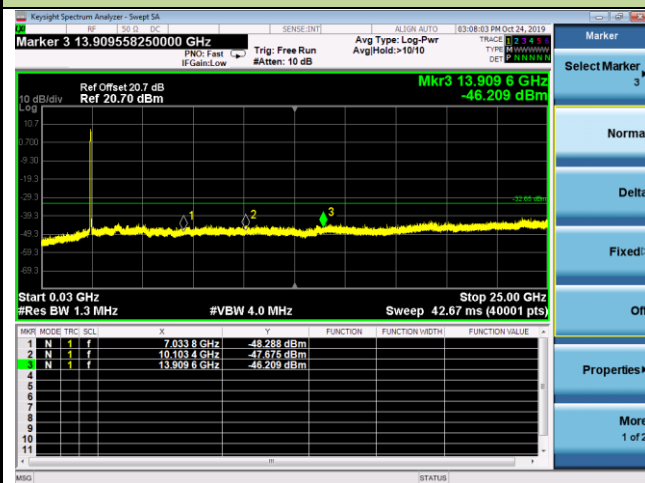
## 100kHz PSD reference Level



## High Band Edge



## Spurious Emission



## 7.6. Radiated Spurious Emission Measurement

### 7.6.1. Test Limit

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

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

### 7.6.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

### 7.6.3. Test Setting

#### Peak Field Strength Measurements

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

**Table 1 - RBW as a function of frequency**

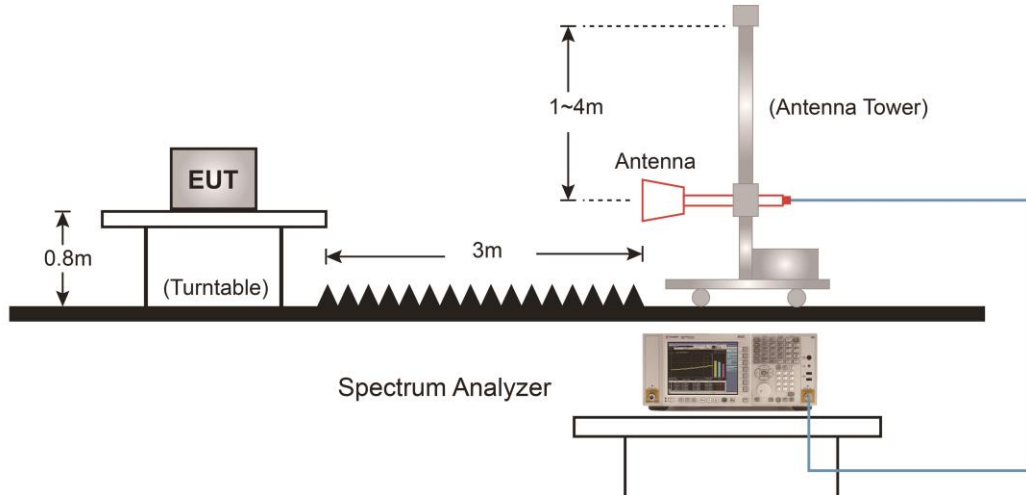
| Frequency     | RBW           |
|---------------|---------------|
| 9 ~ 150 kHz   | 200 ~ 300 Hz  |
| 0.15 ~ 30 MHz | 9 ~ 10 kHz    |
| 30 ~ 1000 MHz | 100 ~ 120 kHz |
| > 1000 MHz    | 1 MHz         |

**Average Field Strength Measurements**

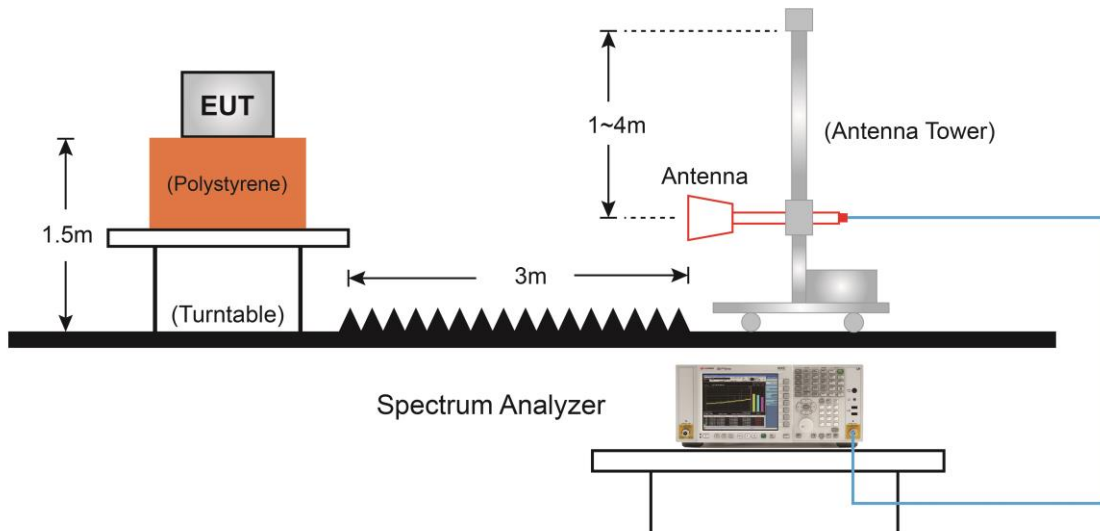
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW  $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB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

##### Below 1GHz Test Setup:



##### Above 1GHz Test Setup:



### 7.6.5. Test Result

#### For AP321

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4825.0          | 41.0                 | 3.6         | 44.6                   | 74.0           | -29.4       | Peak     | Horizontal   |
|      | 7400.5          | 32.2                 | 11.6        | 43.8                   | 74.0           | -30.2       | Peak     | Horizontal   |
| *    | 9602.0          | 32.1                 | 13.6        | 45.7                   | 80.0           | -34.3       | Peak     | Horizontal   |
| *    | 10520.0         | 31.5                 | 16.7        | 48.2                   | 80.0           | -31.8       | Peak     | Horizontal   |
|      | 4825.0          | 43.1                 | 3.6         | 46.7                   | 74.0           | -27.3       | Peak     | Vertical     |
|      | 7409.0          | 33.0                 | 11.6        | 44.6                   | 74.0           | -29.4       | Peak     | Vertical     |
| *    | 9738.0          | 33.0                 | 13.8        | 46.8                   | 80.0           | -33.2       | Peak     | Vertical     |
| *    | 10511.5         | 31.5                 | 16.7        | 48.2                   | 80.0           | -31.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.0dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4867.5          | 43.3                 | 3.5         | 46.8                   | 74.0           | -27.2       | Peak     | Horizontal   |
|      | 7519.5          | 32.6                 | 11.6        | 44.2                   | 74.0           | -29.8       | Peak     | Horizontal   |
| *    | 9602.0          | 33.1                 | 13.6        | 46.7                   | 79.3           | -32.6       | Peak     | Horizontal   |
| *    | 10554.0         | 31.9                 | 16.8        | 48.7                   | 79.3           | -30.6       | Peak     | Horizontal   |
|      | 4867.5          | 41.7                 | 3.5         | 45.2                   | 74.0           | -28.8       | Peak     | Vertical     |
|      | 7638.5          | 32.0                 | 11.3        | 43.3                   | 74.0           | -30.7       | Peak     | Vertical     |
| *    | 9746.5          | 33.6                 | 13.9        | 47.5                   | 79.3           | -31.8       | Peak     | Vertical     |
| *    | 10256.5         | 31.6                 | 15.5        | 47.1                   | 79.3           | -32.2       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4935.5          | 39.8                 | 3.6         | 43.4                   | 74.0           | -30.6       | Peak     | Horizontal   |
|      | 7536.5          | 32.1                 | 11.7        | 43.8                   | 74.0           | -30.2       | Peak     | Horizontal   |
| *    | 9848.5          | 33.2                 | 14.1        | 47.3                   | 78.5           | -31.2       | Peak     | Horizontal   |
| *    | 10511.5         | 31.2                 | 16.7        | 47.9                   | 78.5           | -30.6       | Peak     | Horizontal   |
|      | 4927.0          | 39.1                 | 3.6         | 42.7                   | 74.0           | -31.3       | Peak     | Vertical     |
|      | 7434.5          | 32.7                 | 11.8        | 44.5                   | 74.0           | -29.5       | Peak     | Vertical     |
| *    | 9619.0          | 33.4                 | 13.5        | 46.9                   | 78.5           | -31.6       | Peak     | Vertical     |
| *    | 10205.5         | 31.6                 | 15.1        | 46.7                   | 78.5           | -31.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.5dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4842.0          | 40.9                 | 3.4         | 44.3                   | 74.0           | -29.7       | Peak     | Horizontal   |
|      | 7434.5          | 32.9                 | 11.8        | 44.7                   | 74.0           | -29.3       | Peak     | Horizontal   |
| *    | 9687.0          | 32.3                 | 13.6        | 45.9                   | 81.5           | -35.6       | Peak     | Horizontal   |
| *    | 10401.0         | 30.7                 | 16.3        | 47.0                   | 81.5           | -34.5       | Peak     | Horizontal   |
|      | 4816.5          | 40.8                 | 3.6         | 44.4                   | 74.0           | -29.6       | Peak     | Vertical     |
|      | 7426.0          | 32.6                 | 11.9        | 44.5                   | 74.0           | -29.5       | Peak     | Vertical     |
| *    | 9610.5          | 32.7                 | 13.5        | 46.2                   | 81.5           | -35.3       | Peak     | Vertical     |
| *    | 10494.5         | 31.8                 | 16.5        | 48.3                   | 81.5           | -33.2       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.5dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4867.5          | 41.9                 | 3.5         | 45.4                   | 74.0           | -28.6       | Peak     | Horizontal   |
|      | 7358.0          | 31.8                 | 11.8        | 43.6                   | 74.0           | -30.4       | Peak     | Horizontal   |
| *    | 9746.5          | 32.3                 | 13.9        | 46.2                   | 80.9           | -34.7       | Peak     | Horizontal   |
| *    | 10562.5         | 30.9                 | 16.9        | 47.8                   | 80.9           | -33.1       | Peak     | Horizontal   |
|      | 4876.0          | 43.3                 | 3.6         | 46.9                   | 74.0           | -27.1       | Peak     | Vertical     |
|      | 7562.0          | 32.0                 | 11.6        | 43.6                   | 74.0           | -30.4       | Peak     | Vertical     |
| *    | 9763.5          | 32.2                 | 14.0        | 46.2                   | 80.9           | -34.7       | Peak     | Vertical     |
| *    | 10452.0         | 31.8                 | 16.4        | 48.2                   | 80.9           | -32.7       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.9dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4927.0          | 39.9                 | 3.6         | 43.5                   | 74.0           | -30.5       | Peak     | Horizontal   |
|      | 7528.0          | 32.1                 | 11.6        | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
| *    | 9670.0          | 31.9                 | 13.6        | 45.5                   | 79.8           | -34.3       | Peak     | Horizontal   |
| *    | 10571.0         | 31.7                 | 16.9        | 48.6                   | 79.8           | -31.2       | Peak     | Horizontal   |
|      | 4927.0          | 39.6                 | 3.6         | 43.2                   | 74.0           | -30.8       | Peak     | Vertical     |
|      | 7417.5          | 33.4                 | 11.7        | 45.1                   | 74.0           | -28.9       | Peak     | Horizontal   |
| *    | 9678.5          | 32.4                 | 13.6        | 46.0                   | 79.8           | -33.8       | Peak     | Vertical     |
| *    | 10460.5         | 31.8                 | 16.4        | 48.2                   | 79.8           | -31.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (109.8dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11 n-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4833.5          | 41.8                 | 3.5         | 45.3                   | 74.0           | -28.7       | Peak     | Horizontal   |
|      | 7528.0          | 33.3                 | 11.6        | 44.9                   | 74.0           | -29.1       | Peak     | Horizontal   |
| *    | 9670.0          | 33.0                 | 13.6        | 46.6                   | 81.4           | -34.8       | Peak     | Horizontal   |
| *    | 10537.0         | 32.8                 | 16.4        | 49.2                   | 81.4           | -32.2       | Peak     | Horizontal   |
|      | 4825.0          | 41.6                 | 3.6         | 45.2                   | 74.0           | -28.8       | Peak     | Vertical     |
|      | 7383.5          | 32.4                 | 11.8        | 44.2                   | 74.0           | -29.8       | Peak     | Vertical     |
| *    | 9593.5          | 32.5                 | 13.6        | 46.1                   | 81.4           | -35.3       | Peak     | Vertical     |
| *    | 10358.5         | 31.3                 | 16.1        | 47.4                   | 81.4           | -34.0       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11 n-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4876.0          | 41.6                 | 3.6         | 45.2                   | 74.0           | -28.8       | Peak     | Horizontal   |
|      | 7655.5          | 32.7                 | 11.4        | 44.1                   | 74.0           | -29.9       | Peak     | Horizontal   |
| *    | 9746.5          | 34.1                 | 13.9        | 48.0                   | 80.4           | -32.4       | Peak     | Horizontal   |
| *    | 10418.0         | 31.5                 | 16.1        | 47.6                   | 80.4           | -32.8       | Peak     | Horizontal   |
|      | 4876.0          | 43.4                 | 3.6         | 47.0                   | 74.0           | -27.0       | Peak     | Vertical     |
|      | 7375.0          | 31.8                 | 12.0        | 43.8                   | 74.0           | -30.2       | Peak     | Vertical     |
| *    | 9763.5          | 32.2                 | 14.0        | 46.2                   | 80.4           | -34.2       | Peak     | Vertical     |
| *    | 10562.5         | 31.2                 | 16.9        | 48.1                   | 80.4           | -32.3       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11 n-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4927.0          | 40.1                 | 3.6         | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
|      | 7630.0          | 33.3                 | 11.2        | 44.5                   | 74.0           | -29.5       | Peak     | Horizontal   |
| *    | 9670.0          | 33.0                 | 13.6        | 46.6                   | 79.4           | -32.8       | Peak     | Horizontal   |
| *    | 10290.5         | 31.7                 | 15.6        | 47.3                   | 79.4           | -32.1       | Peak     | Horizontal   |
|      | 4901.5          | 39.0                 | 3.5         | 42.5                   | 74.0           | -31.5       | Peak     | Vertical     |
|      | 7536.5          | 31.9                 | 11.7        | 43.6                   | 74.0           | -30.4       | Peak     | Vertical     |
| *    | 9619.0          | 32.7                 | 13.5        | 46.2                   | 79.4           | -33.2       | Peak     | Vertical     |
| *    | 10265.0         | 32.2                 | 15.4        | 47.6                   | 79.4           | -31.8       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (109.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11n-HT40 - Ant 0 + 1                                                                                                                                                          | Test Channel      | 03         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4842.0          | 42.7                 | 3.4         | 46.1                   | 74.0           | -27.9       | Peak     | Horizontal   |
|      | 7562.0          | 33.1                 | 11.6        | 44.7                   | 74.0           | -29.3       | Peak     | Horizontal   |
| *    | 9848.5          | 31.7                 | 14.1        | 45.8                   | 78.2           | -32.4       | Peak     | Horizontal   |
| *    | 10571.0         | 31.7                 | 16.9        | 48.6                   | 78.2           | -29.6       | Peak     | Horizontal   |
|      | 4842.0          | 42.3                 | 3.4         | 45.7                   | 74.0           | -28.3       | Peak     | Vertical     |
|      | 7519.5          | 32.6                 | 11.6        | 44.2                   | 74.0           | -29.8       | Peak     | Vertical     |
| *    | 10044.0         | 33.0                 | 14.5        | 47.5                   | 78.2           | -30.7       | Peak     | Vertical     |
| *    | 10503.0         | 31.2                 | 16.7        | 47.9                   | 78.2           | -30.3       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (108.2dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11n-HT40 - Ant 0 + 1                                                                                                                                                          | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4876.0          | 41.8                 | 3.6         | 45.4                   | 74.0           | -28.6       | Peak     | Horizontal   |
|      | 7621.5          | 32.6                 | 11.3        | 43.9                   | 74.0           | -30.1       | Peak     | Horizontal   |
| *    | 9746.5          | 32.0                 | 13.9        | 45.9                   | 80.1           | -34.2       | Peak     | Horizontal   |
| *    | 10282.0         | 31.6                 | 15.6        | 47.2                   | 80.1           | -32.9       | Peak     | Horizontal   |
|      | 4876.0          | 44.8                 | 3.6         | 48.4                   | 74.0           | -25.6       | Peak     | Vertical     |
|      | 7570.5          | 32.8                 | 11.6        | 44.4                   | 74.0           | -29.6       | Peak     | Vertical     |
| *    | 9695.5          | 32.2                 | 13.6        | 45.8                   | 80.1           | -34.3       | Peak     | Vertical     |
| *    | 10520.0         | 31.4                 | 16.7        | 48.1                   | 80.1           | -32.0       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.1dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11n-HT40 - Ant 0 + 1                                                                                                                                                          | Test Channel      | 09         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4893.0          | 41.4                 | 3.5         | 44.9                   | 74.0           | -29.1       | Peak     | Horizontal   |
|      | 7562.0          | 32.3                 | 11.6        | 43.9                   | 74.0           | -30.1       | Peak     | Horizontal   |
| *    | 9806.0          | 34.9                 | 14.2        | 49.1                   | 77.2           | -28.1       | Peak     | Horizontal   |
| *    | 10197.0         | 33.1                 | 15.2        | 48.3                   | 77.2           | -28.9       | Peak     | Horizontal   |
|      | 4893.0          | 40.1                 | 3.5         | 43.6                   | 74.0           | -30.4       | Peak     | Vertical     |
|      | 7536.5          | 32.1                 | 11.7        | 43.8                   | 74.0           | -30.2       | Peak     | Vertical     |
| *    | 9993.0          | 31.1                 | 14.3        | 45.4                   | 77.2           | -31.8       | Peak     | Vertical     |
| *    | 10222.5         | 32.5                 | 15.1        | 47.6                   | 77.2           | -29.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (107.2dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT20 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4825.0          | 46.7                 | 3.6         | 50.3                   | 74.0           | -23.7       | Peak     | Horizontal   |
| *    | 7239.0          | 36.5                 | 11.4        | 47.9                   | 83.3           | -35.4       | Peak     | Horizontal   |
| *    | 9644.5          | 36.9                 | 13.7        | 50.6                   | 83.3           | -32.7       | Peak     | Horizontal   |
|      | 11786.5         | 29.1                 | 19.4        | 48.5                   | 74.0           | -25.5       | Peak     | Horizontal   |
|      | 4825.0          | 43.9                 | 3.6         | 47.5                   | 74.0           | -26.5       | Peak     | Vertical     |
| *    | 7247.5          | 35.8                 | 11.6        | 47.4                   | 83.3           | -35.9       | Peak     | Vertical     |
| *    | 9644.5          | 37.3                 | 13.7        | 51.0                   | 83.3           | -32.3       | Peak     | Vertical     |
|      | 11064.0         | 31.2                 | 18.5        | 49.7                   | 74.0           | -24.3       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT20 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4876.0          | 49.1                 | 3.6         | 52.7                   | 74.0           | -21.3       | Peak     | Horizontal   |
|      | 7315.5          | 35.6                 | 11.9        | 47.5                   | 74.0           | -26.5       | Peak     | Horizontal   |
| *    | 9755.0          | 35.2                 | 14.0        | 49.2                   | 84.9           | -35.7       | Peak     | Horizontal   |
| *    | 12855.3         | 31.3                 | 18.3        | 49.6                   | 84.9           | -35.3       | Peak     | Horizontal   |
|      | 4876.0          | 47.9                 | 3.6         | 51.5                   | 74.0           | -22.5       | Peak     | Vertical     |
|      | 7434.5          | 32.8                 | 11.8        | 44.6                   | 74.0           | -29.4       | Peak     | Vertical     |
| *    | 10137.5         | 33.0                 | 15.1        | 48.1                   | 84.9           | -36.8       | Peak     | Vertical     |
| *    | 13886.0         | 29.6                 | 23.3        | 52.9                   | 84.9           | -32.0       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT20 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4927.0          | 46.1                 | 3.6         | 49.7                   | 74.0           | -24.3       | Peak     | Horizontal   |
|      | 7383.5          | 39.3                 | 11.8        | 51.1                   | 74.0           | -22.9       | Peak     | Horizontal   |
| *    | 9772.0          | 33.0                 | 14.0        | 47.0                   | 81.7           | -34.7       | Peak     | Horizontal   |
| *    | 13444.0         | 29.5                 | 23.2        | 52.7                   | 81.7           | -29.0       | Peak     | Horizontal   |
|      | 4927.0          | 44.9                 | 3.6         | 48.5                   | 74.0           | -25.5       | Peak     | Vertical     |
|      | 7383.5          | 37.0                 | 11.8        | 48.8                   | 74.0           | -25.2       | Peak     | Vertical     |
| *    | 10171.5         | 32.6                 | 15.1        | 47.7                   | 81.7           | -34.0       | Peak     | Vertical     |
| *    | 13053.0         | 29.5                 | 21.1        | 50.6                   | 81.7           | -31.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (111.7dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT40 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 03         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4842.0          | 45.4                 | 3.4         | 48.8                   | 74.0           | -25.2       | Peak     | Horizontal   |
|      | 7264.5          | 35.0                 | 11.8        | 46.8                   | 74.0           | -27.2       | Peak     | Horizontal   |
| *    | 9704.0          | 37.7                 | 13.7        | 51.4                   | 78.7           | -27.3       | Peak     | Horizontal   |
| *    | 13444.0         | 29.2                 | 23.2        | 52.4                   | 78.7           | -26.3       | Peak     | Horizontal   |
|      | 4842.0          | 43.2                 | 3.4         | 46.6                   | 74.0           | -27.4       | Peak     | Vertical     |
|      | 7273.0          | 33.7                 | 11.8        | 45.5                   | 74.0           | -28.5       | Peak     | Vertical     |
| *    | 9687.0          | 36.0                 | 13.6        | 49.6                   | 78.7           | -29.1       | Peak     | Vertical     |
| *    | 13444.0         | 29.1                 | 23.2        | 52.3                   | 78.7           | -26.4       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (108.7dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT40 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4876.0          | 45.0                 | 3.6         | 48.6                   | 74.0           | -25.4       | Peak     | Horizontal   |
|      | 7324.0          | 34.4                 | 12.0        | 46.4                   | 74.0           | -27.6       | Peak     | Horizontal   |
| *    | 9746.5          | 34.6                 | 13.9        | 48.5                   | 78.5           | -30.0       | Peak     | Horizontal   |
| *    | 14124.0         | 30.3                 | 23.0        | 53.3                   | 78.5           | -25.2       | Peak     | Horizontal   |
|      | 4876.0          | 41.9                 | 3.6         | 45.5                   | 74.0           | -28.5       | Peak     | Vertical     |
|      | 7324.0          | 34.7                 | 12.0        | 46.7                   | 74.0           | -27.3       | Peak     | Vertical     |
| *    | 9746.5          | 34.6                 | 13.9        | 48.5                   | 78.5           | -30.0       | Peak     | Vertical     |
| *    | 14200.5         | 30.1                 | 23.5        | 53.6                   | 78.5           | -24.9       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (108.5dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT40 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 09         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4901.5          | 45.4                 | 3.5         | 48.9                   | 74.0           | -25.1       | Peak     | Horizontal   |
|      | 7383.5          | 36.2                 | 11.8        | 48.0                   | 74.0           | -26.0       | Peak     | Horizontal   |
| *    | 9806.0          | 34.5                 | 14.2        | 48.7                   | 77.4           | -28.7       | Peak     | Horizontal   |
| *    | 13435.5         | 28.9                 | 22.8        | 51.7                   | 77.4           | -25.7       | Peak     | Horizontal   |
|      | 4901.5          | 42.7                 | 3.5         | 46.2                   | 74.0           | -27.8       | Peak     | Vertical     |
|      | 7341.0          | 33.9                 | 11.6        | 45.5                   | 74.0           | -28.5       | Peak     | Vertical     |
| *    | 9797.5          | 33.4                 | 14.1        | 47.5                   | 77.4           | -29.9       | Peak     | Vertical     |
| *    | 14115.5         | 30.1                 | 23.2        | 53.3                   | 77.4           | -24.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4825.0          | 41.5                 | 3.6         | 45.1                   | 74.0           | -28.9       | Peak     | Horizontal   |
|      | 7366.5          | 32.0                 | 11.9        | 43.9                   | 74.0           | -30.1       | Peak     | Horizontal   |
| *    | 9644.5          | 32.8                 | 13.7        | 46.5                   | 83.7           | -37.2       | Peak     | Horizontal   |
| *    | 10358.5         | 31.9                 | 16.1        | 48.0                   | 83.7           | -35.7       | Peak     | Horizontal   |
|      | 4833.5          | 43.1                 | 3.5         | 46.6                   | 74.0           | -27.4       | Peak     | Vertical     |
|      | 7366.5          | 32.3                 | 11.9        | 44.2                   | 74.0           | -29.8       | Peak     | Vertical     |
| *    | 9602.0          | 32.2                 | 13.6        | 45.8                   | 83.7           | -37.9       | Peak     | Vertical     |
| *    | 10511.5         | 31.5                 | 16.7        | 48.2                   | 83.7           | -35.5       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4867.5          | 43.4                 | 3.5         | 46.9                   | 74.0           | -27.1       | Peak     | Horizontal   |
|      | 7613.0          | 32.4                 | 11.3        | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
| *    | 9746.5          | 33.0                 | 13.9        | 46.9                   | 85.4           | -38.5       | Peak     | Horizontal   |
| *    | 10511.5         | 31.3                 | 16.7        | 48.0                   | 85.4           | -37.4       | Peak     | Horizontal   |
|      | 4876.0          | 42.1                 | 3.6         | 45.7                   | 74.0           | -28.3       | Peak     | Vertical     |
|      | 7638.5          | 33.3                 | 11.3        | 44.6                   | 74.0           | -29.4       | Peak     | Vertical     |
| *    | 9729.5          | 32.6                 | 13.7        | 46.3                   | 85.4           | -39.1       | Peak     | Vertical     |
| *    | 10384.0         | 31.4                 | 16.3        | 47.7                   | 85.4           | -37.7       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4918.5          | 40.1                 | 3.5         | 43.6                   | 74.0           | -30.4       | Peak     | Horizontal   |
|      | 7392.0          | 32.1                 | 11.6        | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
| *    | 9738.0          | 32.3                 | 13.8        | 46.1                   | 82.0           | -35.9       | Peak     | Horizontal   |
| *    | 10528.5         | 31.8                 | 16.6        | 48.4                   | 82.0           | -33.6       | Peak     | Horizontal   |
|      | 4910.0          | 39.4                 | 3.5         | 42.9                   | 74.0           | -31.1       | Peak     | Vertical     |
|      | 7477.0          | 32.0                 | 11.9        | 43.9                   | 74.0           | -30.1       | Peak     | Vertical     |
| *    | 9559.5          | 32.4                 | 13.5        | 45.9                   | 82.0           | -36.1       | Peak     | Vertical     |
| *    | 10562.5         | 31.5                 | 16.9        | 48.4                   | 82.0           | -33.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.0dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT40 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 03         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4842.0          | 42.1                 | 3.4         | 45.5                   | 74.0           | -28.5       | Peak     | Horizontal   |
|      | 7553.5          | 32.3                 | 11.8        | 44.1                   | 74.0           | -29.9       | Peak     | Horizontal   |
| *    | 9721.0          | 32.4                 | 13.7        | 46.1                   | 80.1           | -34.0       | Peak     | Horizontal   |
| *    | 10282.0         | 31.4                 | 15.6        | 47.0                   | 80.1           | -33.1       | Peak     | Horizontal   |
|      | 4833.5          | 43.5                 | 3.5         | 47.0                   | 74.0           | -27.0       | Peak     | Vertical     |
|      | 7417.5          | 32.8                 | 11.7        | 44.5                   | 74.0           | -29.5       | Peak     | Vertical     |
| *    | 9661.5          | 33.0                 | 13.6        | 46.6                   | 80.1           | -33.5       | Peak     | Vertical     |
| *    | 10358.5         | 31.6                 | 16.1        | 47.7                   | 80.1           | -32.4       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.1dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT40 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4867.5          | 43.4                 | 3.5         | 46.9                   | 74.0           | -27.1       | Peak     | Horizontal   |
|      | 7664.0          | 32.8                 | 11.4        | 44.2                   | 74.0           | -29.8       | Peak     | Horizontal   |
| *    | 9746.5          | 32.8                 | 13.9        | 46.7                   | 81.0           | -34.3       | Peak     | Horizontal   |
| *    | 10256.5         | 31.3                 | 15.5        | 46.8                   | 81.0           | -34.2       | Peak     | Horizontal   |
|      | 4876.0          | 42.4                 | 3.6         | 46.0                   | 74.0           | -28.0       | Peak     | Vertical     |
|      | 7647.0          | 33.5                 | 11.3        | 44.8                   | 74.0           | -29.2       | Peak     | Vertical     |
| *    | 9593.5          | 33.1                 | 13.6        | 46.7                   | 81.0           | -34.3       | Peak     | Vertical     |
| *    | 10248.0         | 31.5                 | 15.5        | 47.0                   | 81.0           | -34.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (111.0dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT40 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 09         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4901.5          | 39.4                 | 3.5         | 42.9                   | 74.0           | -31.1       | Peak     | Horizontal   |
|      | 7553.5          | 32.3                 | 11.8        | 44.1                   | 74.0           | -29.9       | Peak     | Horizontal   |
| *    | 9610.5          | 32.8                 | 13.5        | 46.3                   | 79.2           | -32.9       | Peak     | Horizontal   |
| *    | 10520.0         | 31.4                 | 16.7        | 48.1                   | 79.2           | -31.1       | Peak     | Horizontal   |
|      | 4884.5          | 42.2                 | 3.5         | 45.7                   | 74.0           | -28.3       | Peak     | Vertical     |
|      | 7477.0          | 31.9                 | 11.9        | 43.8                   | 74.0           | -30.2       | Peak     | Vertical     |
| *    | 9755.0          | 32.2                 | 14.0        | 46.2                   | 79.2           | -33.0       | Peak     | Vertical     |
| *    | 10452.0         | 31.6                 | 16.4        | 48.0                   | 79.2           | -31.2       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (109.2dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

### For Scan antenna

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4060.0          | 35.4                 | 2.7         | 38.1                   | 74.0           | -35.9       | Peak     | Horizontal   |
|      | 4825.0          | 39.1                 | 5.5         | 44.6                   | 74.0           | -29.4       | Peak     | Horizontal   |
| *    | 5828.0          | 35.8                 | 7.4         | 43.2                   | 74.0           | -30.8       | Peak     | Horizontal   |
| *    | 6406.0          | 34.7                 | 9.0         | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
|      | 4255.5          | 37.6                 | 3.3         | 40.9                   | 74.0           | -33.1       | Peak     | Vertical     |
|      | 5003.5          | 36.4                 | 6.1         | 42.5                   | 74.0           | -31.5       | Peak     | Vertical     |
| *    | 6244.5          | 35.0                 | 8.1         | 43.1                   | 74.0           | -30.9       | Peak     | Vertical     |
| *    | 6822.5          | 34.3                 | 9.7         | 44.0                   | 74.0           | -30.0       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (100.9dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4247.0          | 37.2                 | 3.3         | 40.5                   | 74.0           | -33.5       | Peak     | Horizontal   |
|      | 4876.0          | 38.3                 | 5.7         | 44.0                   | 74.0           | -30.0       | Peak     | Horizontal   |
| *    | 5972.5          | 34.3                 | 7.4         | 41.7                   | 74.0           | -32.3       | Peak     | Horizontal   |
| *    | 7035.0          | 34.8                 | 11.0        | 45.8                   | 74.0           | -28.2       | Peak     | Horizontal   |
|      | 4272.5          | 36.7                 | 3.4         | 40.1                   | 74.0           | -33.9       | Peak     | Vertical     |
|      | 4876.0          | 35.5                 | 5.7         | 41.2                   | 74.0           | -32.8       | Peak     | Vertical     |
| *    | 6355.0          | 35.3                 | 8.6         | 43.9                   | 74.0           | -30.1       | Peak     | Vertical     |
| *    | 7069.0          | 34.3                 | 11.1        | 45.4                   | 74.0           | -28.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (100.8dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3924.0          | 37.2                 | 2.4         | 39.6                   | 74.0           | -34.4       | Peak     | Horizontal   |
|      | 4833.5          | 35.9                 | 5.5         | 41.4                   | 74.0           | -32.6       | Peak     | Horizontal   |
| *    | 6100.0          | 33.4                 | 7.6         | 41.0                   | 74.0           | -33.0       | Peak     | Horizontal   |
| *    | 7128.5          | 36.3                 | 11.4        | 47.7                   | 74.0           | -26.3       | Peak     | Horizontal   |
|      | 3847.5          | 38.6                 | 2.1         | 40.7                   | 74.0           | -33.3       | Peak     | Vertical     |
|      | 4944.0          | 36.2                 | 5.8         | 42.0                   | 74.0           | -32.0       | Peak     | Vertical     |
| *    | 5904.5          | 35.0                 | 7.4         | 42.4                   | 74.0           | -31.6       | Peak     | Vertical     |
| *    | 6584.5          | 34.2                 | 9.7         | 43.9                   | 74.0           | -30.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (100.6dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4077.0          | 36.2                 | 2.6         | 38.8                   | 74.0           | -35.2       | Peak     | Horizontal   |
|      | 4799.5          | 35.8                 | 5.5         | 41.3                   | 74.0           | -32.7       | Peak     | Horizontal   |
| *    | 5887.5          | 35.0                 | 7.5         | 42.5                   | 74.0           | -31.5       | Peak     | Horizontal   |
| *    | 6763.0          | 33.4                 | 9.5         | 42.9                   | 74.0           | -31.1       | Peak     | Horizontal   |
|      | 4289.5          | 37.3                 | 3.5         | 40.8                   | 74.0           | -33.2       | Peak     | Vertical     |
|      | 4706.0          | 34.7                 | 5.1         | 39.8                   | 74.0           | -34.2       | Peak     | Vertical     |
| *    | 5632.5          | 33.1                 | 6.8         | 39.9                   | 74.0           | -34.1       | Peak     | Vertical     |
| *    | 6661.0          | 34.8                 | 9.6         | 44.4                   | 74.0           | -29.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (99.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4247.0          | 36.2                 | 3.3         | 39.5                   | 74.0           | -34.5       | Peak     | Horizontal   |
|      | 4680.5          | 34.8                 | 5.1         | 39.9                   | 74.0           | -34.1       | Peak     | Horizontal   |
| *    | 5836.5          | 34.0                 | 7.4         | 41.4                   | 74.0           | -32.6       | Peak     | Horizontal   |
| *    | 6227.5          | 34.8                 | 8.1         | 42.9                   | 74.0           | -31.1       | Peak     | Horizontal   |
|      | 4230.0          | 36.7                 | 3.2         | 39.9                   | 74.0           | -34.1       | Peak     | Vertical     |
|      | 4986.5          | 36.2                 | 6.0         | 42.2                   | 74.0           | -31.8       | Peak     | Vertical     |
| *    | 5904.5          | 35.0                 | 7.4         | 42.4                   | 74.0           | -31.6       | Peak     | Vertical     |
| *    | 6380.5          | 34.7                 | 8.7         | 43.4                   | 74.0           | -30.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (99.7dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4111.0          | 36.4                 | 3.0         | 39.4                   | 74.0           | -34.6       | Peak     | Horizontal   |
|      | 4927.0          | 36.5                 | 5.8         | 42.3                   | 74.0           | -31.7       | Peak     | Horizontal   |
| *    | 5921.5          | 35.1                 | 7.3         | 42.4                   | 74.0           | -31.6       | Peak     | Horizontal   |
| *    | 6516.5          | 34.7                 | 9.5         | 44.2                   | 74.0           | -29.8       | Peak     | Horizontal   |
|      | 3915.5          | 36.7                 | 2.3         | 39.0                   | 74.0           | -35.0       | Peak     | Vertical     |
|      | 4782.5          | 35.3                 | 5.4         | 40.7                   | 74.0           | -33.3       | Peak     | Horizontal   |
| *    | 5649.5          | 34.5                 | 6.8         | 41.3                   | 74.0           | -32.7       | Peak     | Vertical     |
| *    | 6159.5          | 35.1                 | 7.9         | 43.0                   | 74.0           | -31.0       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (102.5dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

### For AP321e

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3983.5          | 38.3                 | 2.5         | 40.8                   | 74.0           | -33.2       | Peak     | Horizontal   |
|      | 4825.0          | 43.0                 | 5.5         | 48.5                   | 74.0           | -25.5       | Peak     | Horizontal   |
| *    | 6491.0          | 36.4                 | 9.3         | 45.8                   | 84.8           | -39.0       | Peak     | Horizontal   |
| *    | 10358.5         | 35.4                 | 16.8        | 52.2                   | 84.8           | -32.6       | Peak     | Horizontal   |
|      | 3924.0          | 37.0                 | 2.4         | 39.4                   | 74.0           | -34.6       | Peak     | Vertical     |
|      | 4825.0          | 37.4                 | 5.5         | 42.9                   | 74.0           | -31.1       | Peak     | Vertical     |
| *    | 6499.5          | 34.6                 | 9.4         | 43.9                   | 84.8           | -40.9       | Peak     | Vertical     |
| *    | 9661.5          | 34.3                 | 15.3        | 49.6                   | 84.8           | -35.2       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.8dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3788.0          | 38.9                 | 1.9         | 40.8                   | 74.0           | -33.2       | Peak     | Horizontal   |
|      | 4876.0          | 41.5                 | 5.7         | 47.2                   | 74.0           | -26.8       | Peak     | Horizontal   |
| *    | 5930.0          | 36.5                 | 7.3         | 43.8                   | 85.0           | -41.2       | Peak     | Horizontal   |
| *    | 8820.0          | 35.2                 | 13.4        | 48.7                   | 85.0           | -36.3       | Peak     | Horizontal   |
|      | 4876.0          | 39.4                 | 5.7         | 45.1                   | 74.0           | -28.9       | Peak     | Vertical     |
|      | 7621.5          | 36.3                 | 11.8        | 48.0                   | 74.0           | -26.0       | Peak     | Vertical     |
| *    | 8854.0          | 36.0                 | 13.4        | 49.4                   | 85.0           | -35.6       | Peak     | Vertical     |
| *    | 9746.5          | 35.4                 | 15.8        | 51.2                   | 85.0           | -33.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.0dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11b - Ant 0 + 1                                                                                                                                                               | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4927.0          | 42.3                 | 5.8         | 48.1                   | 74.0           | -25.9       | Peak     | Horizontal   |
|      | 7383.5          | 38.5                 | 11.7        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
| *    | 9568.0          | 35.9                 | 15.5        | 51.4                   | 85.3           | -33.9       | Peak     | Horizontal   |
| *    | 10358.5         | 37.0                 | 16.8        | 53.8                   | 85.3           | -31.5       | Peak     | Horizontal   |
|      | 4927.0          | 37.9                 | 5.8         | 43.7                   | 74.0           | -30.3       | Peak     | Vertical     |
|      | 7383.5          | 38.1                 | 11.7        | 49.8                   | 74.0           | -24.2       | Peak     | Vertical     |
| *    | 8735.0          | 37.0                 | 13.2        | 50.2                   | 85.3           | -35.1       | Peak     | Vertical     |
| *    | 10358.5         | 36.4                 | 16.8        | 53.2                   | 85.3           | -32.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3941.0          | 38.9                 | 2.3         | 41.2                   | 74.0           | -32.8       | Peak     | Horizontal   |
|      | 4825.0          | 40.0                 | 5.5         | 45.5                   | 74.0           | -28.5       | Peak     | Horizontal   |
| *    | 6321.0          | 36.7                 | 8.4         | 45.1                   | 85.1           | -40.0       | Peak     | Horizontal   |
| *    | 10358.5         | 36.7                 | 16.8        | 53.6                   | 85.1           | -31.5       | Peak     | Horizontal   |
|      | 3856.0          | 38.8                 | 2.1         | 41.0                   | 74.0           | -33.0       | Peak     | Vertical     |
|      | 4825.0          | 39.0                 | 5.5         | 44.5                   | 74.0           | -29.5       | Peak     | Vertical     |
| *    | 7230.5          | 39.2                 | 11.7        | 51.0                   | 85.1           | -34.1       | Peak     | Vertical     |
| *    | 8548.0          | 35.8                 | 12.8        | 48.6                   | 85.1           | -36.5       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.1dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4179.0          | 38.2                 | 3.1         | 41.3                   | 74.0           | -32.7       | Peak     | Horizontal   |
|      | 4867.5          | 38.5                 | 5.7         | 44.2                   | 74.0           | -29.8       | Peak     | Horizontal   |
| *    | 6584.5          | 35.5                 | 9.7         | 45.3                   | 84.8           | -39.5       | Peak     | Horizontal   |
| *    | 10358.5         | 35.5                 | 16.8        | 52.3                   | 84.8           | -32.5       | Peak     | Horizontal   |
|      | 3924.0          | 38.5                 | 2.4         | 40.8                   | 74.0           | -33.2       | Peak     | Vertical     |
|      | 5054.5          | 36.7                 | 6.3         | 43.0                   | 74.0           | -31.0       | Peak     | Vertical     |
| *    | 6372.0          | 35.9                 | 8.6         | 44.5                   | 84.8           | -40.3       | Peak     | Vertical     |
| *    | 8956.0          | 36.5                 | 13.3        | 49.8                   | 84.8           | -35.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.8dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11g - Ant 0 + 1                                                                                                                                                               | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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          | 38.7                 | 2.3         | 41.0                   | 74.0           | -33.0       | Peak     | Horizontal   |
|      | 7383.5          | 39.4                 | 11.7        | 51.1                   | 74.0           | -22.9       | Peak     | Horizontal   |
| *    | 8607.5          | 36.2                 | 12.9        | 49.2                   | 84.7           | -35.5       | Peak     | Horizontal   |
| *    | 9933.5          | 35.3                 | 16.1        | 51.4                   | 84.7           | -33.3       | Peak     | Horizontal   |
|      | 3847.5          | 39.5                 | 2.1         | 41.6                   | 74.0           | -32.4       | Peak     | Vertical     |
|      | 7383.5          | 41.0                 | 11.7        | 52.7                   | 74.0           | -21.3       | Peak     | Horizontal   |
| *    | 8786.0          | 35.9                 | 13.3        | 49.2                   | 84.7           | -35.5       | Peak     | Vertical     |
| *    | 9619.0          | 35.7                 | 15.6        | 51.3                   | 84.7           | -33.4       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.7dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11 n-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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          | 38.5                 | 2.3         | 40.8                   | 74.0           | -33.2       | Peak     | Horizontal   |
|      | 5037.5          | 37.8                 | 6.2         | 44.0                   | 74.0           | -30.0       | Peak     | Horizontal   |
| *    | 7230.5          | 38.3                 | 11.7        | 50.1                   | 84.6           | -34.5       | Peak     | Horizontal   |
| *    | 10358.5         | 38.2                 | 16.8        | 55.1                   | 84.6           | -29.5       | Peak     | Horizontal   |
|      | 3924.0          | 40.1                 | 2.4         | 42.4                   | 74.0           | -31.6       | Peak     | Vertical     |
|      | 5003.5          | 38.7                 | 6.1         | 44.8                   | 74.0           | -29.2       | Peak     | Vertical     |
| *    | 7230.5          | 39.3                 | 11.7        | 51.0                   | 84.6           | -33.6       | Peak     | Vertical     |
| *    | 8828.5          | 35.4                 | 13.4        | 48.8                   | 84.6           | -35.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.6dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11 n-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3873.0          | 39.5                 | 2.1         | 41.6                   | 74.0           | -32.4       | Peak     | Horizontal   |
|      | 4876.0          | 37.1                 | 5.7         | 42.8                   | 74.0           | -31.2       | Peak     | Horizontal   |
| *    | 6601.5          | 36.1                 | 9.7         | 45.8                   | 84.2           | -38.4       | Peak     | Horizontal   |
| *    | 10358.5         | 36.6                 | 16.8        | 53.4                   | 84.2           | -30.8       | Peak     | Horizontal   |
|      | 3839.0          | 38.1                 | 2.1         | 40.2                   | 74.0           | -33.8       | Peak     | Vertical     |
|      | 7307.0          | 40.0                 | 11.7        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |
| *    | 8862.5          | 35.8                 | 13.4        | 49.3                   | 84.2           | -34.9       | Peak     | Vertical     |
| *    | 9823.0          | 34.6                 | 16.0        | 50.6                   | 84.2           | -33.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.2dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11 n-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4272.5          | 37.7                 | 3.4         | 41.1                   | 74.0           | -32.9       | Peak     | Horizontal   |
|      | 4927.0          | 37.9                 | 5.8         | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
| *    | 6414.5          | 36.2                 | 8.9         | 45.1                   | 84.4           | -39.3       | Peak     | Horizontal   |
| *    | 10358.5         | 35.4                 | 16.8        | 52.3                   | 84.4           | -32.1       | Peak     | Horizontal   |
|      | 5003.5          | 37.8                 | 6.1         | 43.9                   | 74.0           | -30.1       | Peak     | Vertical     |
|      | 7383.5          | 40.0                 | 11.7        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
| *    | 8769.0          | 35.7                 | 13.4        | 49.1                   | 84.4           | -35.3       | Peak     | Vertical     |
| *    | 9789.0          | 35.3                 | 15.8        | 51.1                   | 84.4           | -33.3       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11n-HT40 - Ant 0 + 1                                                                                                                                                          | Test Channel      | 03         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3941.0          | 38.2                 | 2.3         | 40.6                   | 74.0           | -33.4       | Peak     | Horizontal   |
|      | 4825.0          | 37.3                 | 5.5         | 42.8                   | 74.0           | -31.2       | Peak     | Horizontal   |
| *    | 6278.5          | 36.5                 | 8.4         | 44.9                   | 81.9           | -37.0       | Peak     | Horizontal   |
| *    | 10358.5         | 36.0                 | 16.8        | 52.9                   | 81.9           | -29.0       | Peak     | Horizontal   |
|      | 3728.5          | 39.3                 | 1.6         | 40.8                   | 74.0           | -33.2       | Peak     | Vertical     |
|      | 5063.0          | 37.4                 | 6.4         | 43.9                   | 74.0           | -30.1       | Peak     | Vertical     |
| *    | 6363.5          | 36.7                 | 8.6         | 45.3                   | 81.9           | -36.6       | Peak     | Vertical     |
| *    | 8752.0          | 36.7                 | 13.3        | 50.1                   | 81.9           | -31.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.9dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11n-HT40 - Ant 0 + 1                                                                                                                                                          | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4357.5          | 37.4                 | 3.8         | 41.2                   | 74.0           | -32.8       | Peak     | Horizontal   |
|      | 7324.0          | 39.3                 | 11.7        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 8888.0          | 35.5                 | 13.4        | 48.9                   | 80.3           | -31.4       | Peak     | Horizontal   |
| *    | 9797.5          | 34.8                 | 15.9        | 50.7                   | 80.3           | -29.6       | Peak     | Horizontal   |
|      | 5003.5          | 36.7                 | 6.1         | 42.7                   | 74.0           | -31.3       | Peak     | Vertical     |
|      | 7307.0          | 37.8                 | 11.7        | 49.5                   | 74.0           | -24.5       | Peak     | Vertical     |
| *    | 7978.5          | 36.2                 | 12.6        | 48.7                   | 80.3           | -31.6       | Peak     | Vertical     |
| *    | 10222.5         | 35.2                 | 16.5        | 51.8                   | 80.3           | -28.5       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11n-HT40 - Ant 0 + 1                                                                                                                                                          | Test Channel      | 09         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4901.5          | 38.0                 | 5.7         | 43.7                   | 74.0           | -30.3       | Peak     | Horizontal   |
|      | 7366.5          | 38.3                 | 11.7        | 50.0                   | 74.0           | -24.0       | Peak     | Horizontal   |
| *    | 8913.5          | 36.1                 | 13.4        | 49.5                   | 79.7           | -30.2       | Peak     | Horizontal   |
| *    | 10146.0         | 35.3                 | 16.3        | 51.6                   | 79.7           | -28.1       | Peak     | Horizontal   |
|      | 3745.5          | 40.0                 | 1.6         | 41.6                   | 74.0           | -32.4       | Peak     | Vertical     |
|      | 7341.0          | 40.5                 | 11.7        | 52.1                   | 74.0           | -21.9       | Peak     | Vertical     |
| *    | 8650.0          | 35.9                 | 13.1        | 49.0                   | 79.7           | -30.7       | Peak     | Vertical     |
| *    | 10214.0         | 35.1                 | 16.5        | 51.6                   | 79.7           | -28.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.7dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT20 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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          | 38.5                 | 2.3         | 40.9                   | 74.0           | -33.1       | Peak     | Horizontal   |
|      | 4825.0          | 39.5                 | 5.5         | 45.0                   | 74.0           | -29.0       | Peak     | Horizontal   |
| *    | 7230.5          | 39.8                 | 11.7        | 51.5                   | 85.3           | -33.8       | Peak     | Horizontal   |
| *    | 10358.5         | 36.5                 | 16.8        | 53.3                   | 85.3           | -32.0       | Peak     | Horizontal   |
|      | 3779.5          | 38.7                 | 1.8         | 40.5                   | 74.0           | -33.5       | Peak     | Vertical     |
|      | 5148.0          | 37.4                 | 6.4         | 43.8                   | 74.0           | -30.2       | Peak     | Vertical     |
| *    | 7230.5          | 38.2                 | 11.7        | 49.9                   | 85.3           | -35.4       | Peak     | Vertical     |
| *    | 10290.5         | 35.8                 | 16.6        | 52.4                   | 85.3           | -32.9       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT20 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3890.0          | 38.3                 | 2.2         | 40.5                   | 74.0           | -33.5       | Peak     | Horizontal   |
|      | 4876.0          | 40.1                 | 5.7         | 45.8                   | 74.0           | -28.2       | Peak     | Horizontal   |
| *    | 6406.0          | 36.2                 | 9.0         | 45.2                   | 84.9           | -39.7       | Peak     | Horizontal   |
| *    | 10511.5         | 36.2                 | 17.2        | 53.4                   | 84.9           | -31.5       | Peak     | Horizontal   |
|      | 4102.5          | 38.4                 | 2.9         | 41.2                   | 74.0           | -32.8       | Peak     | Vertical     |
|      | 7307.0          | 38.9                 | 11.7        | 50.7                   | 74.0           | -23.3       | Peak     | Vertical     |
| *    | 8777.5          | 36.0                 | 13.3        | 49.4                   | 84.9           | -35.5       | Peak     | Vertical     |
| *    | 9823.0          | 35.1                 | 16.0        | 51.2                   | 84.9           | -33.7       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT20 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4272.5          | 38.6                 | 3.4         | 42.1                   | 74.0           | -31.9       | Peak     | Horizontal   |
|      | 7383.5          | 38.4                 | 11.7        | 50.1                   | 74.0           | -23.9       | Peak     | Horizontal   |
| *    | 8930.5          | 36.6                 | 13.4        | 50.0                   | 84.5           | -34.5       | Peak     | Horizontal   |
| *    | 9848.5          | 35.2                 | 16.1        | 51.2                   | 84.5           | -33.3       | Peak     | Horizontal   |
|      | 3856.0          | 38.3                 | 2.1         | 40.4                   | 74.0           | -33.6       | Peak     | Vertical     |
|      | 7383.5          | 39.1                 | 11.7        | 50.8                   | 74.0           | -23.2       | Peak     | Vertical     |
| *    | 8726.5          | 35.6                 | 13.2        | 48.8                   | 84.5           | -35.7       | Peak     | Vertical     |
| *    | 9899.5          | 35.6                 | 16.1        | 51.8                   | 84.5           | -32.7       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT40 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 03         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4782.5          | 38.0                 | 5.4         | 43.4                   | 74.0           | -30.6       | Peak     | Horizontal   |
|      | 7264.5          | 37.9                 | 11.6        | 49.5                   | 74.0           | -24.5       | Peak     | Horizontal   |
| *    | 8012.5          | 35.9                 | 12.7        | 48.6                   | 81.9           | -33.3       | Peak     | Horizontal   |
| *    | 10358.5         | 35.4                 | 16.8        | 52.2                   | 81.9           | -29.7       | Peak     | Horizontal   |
|      | 3924.0          | 39.1                 | 2.4         | 41.5                   | 74.0           | -32.5       | Peak     | Vertical     |
|      | 7273.0          | 38.9                 | 11.6        | 50.5                   | 74.0           | -23.5       | Peak     | Vertical     |
| *    | 8888.0          | 35.6                 | 13.4        | 49.0                   | 81.9           | -32.9       | Peak     | Vertical     |
| *    | 9874.0          | 34.9                 | 16.1        | 51.0                   | 81.9           | -30.9       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.9dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT40 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4145.0          | 37.6                 | 3.0         | 40.6                   | 74.0           | -33.4       | Peak     | Horizontal   |
|      | 7332.5          | 37.4                 | 11.7        | 49.0                   | 74.0           | -25.0       | Peak     | Horizontal   |
| *    | 8692.5          | 35.4                 | 13.2        | 48.6                   | 80.4           | -31.8       | Peak     | Horizontal   |
| *    | 10358.5         | 37.1                 | 16.8        | 53.9                   | 80.4           | -26.5       | Peak     | Horizontal   |
|      | 3907.0          | 38.3                 | 2.3         | 40.5                   | 74.0           | -33.5       | Peak     | Vertical     |
|      | 7307.0          | 39.0                 | 11.7        | 50.7                   | 74.0           | -23.3       | Peak     | Vertical     |
| *    | 8004.0          | 36.9                 | 12.8        | 49.7                   | 80.4           | -30.7       | Peak     | Vertical     |
| *    | 10545.5         | 35.0                 | 17.3        | 52.3                   | 80.4           | -28.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11VHT40 - Ant 0 + 1                                                                                                                                                           | Test Channel      | 09         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3830.5          | 38.2                 | 2.0         | 40.2                   | 74.0           | -33.8       | Peak     | Horizontal   |
|      | 7341.0          | 38.3                 | 11.7        | 50.0                   | 74.0           | -24.0       | Peak     | Horizontal   |
| *    | 8658.5          | 35.7                 | 13.0        | 48.7                   | 79.6           | -30.9       | Peak     | Horizontal   |
| *    | 10112.0         | 35.7                 | 16.3        | 52.0                   | 79.6           | -27.6       | Peak     | Horizontal   |
|      | 5003.5          | 37.9                 | 6.1         | 44.0                   | 74.0           | -30.0       | Peak     | Vertical     |
|      | 7358.0          | 41.3                 | 11.7        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |
| *    | 8641.5          | 35.7                 | 13.1        | 48.7                   | 79.6           | -30.9       | Peak     | Vertical     |
| *    | 9627.5          | 35.8                 | 15.6        | 51.4                   | 79.6           | -28.2       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.6dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 01         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3830.5          | 39.2                 | 2.0         | 41.2                   | 74.0           | -32.8       | Peak     | Horizontal   |
|      | 4825.0          | 39.8                 | 5.5         | 45.3                   | 74.0           | -28.7       | Peak     | Horizontal   |
| *    | 7239.0          | 38.4                 | 11.7        | 50.1                   | 87.2           | -37.1       | Peak     | Horizontal   |
| *    | 10358.5         | 35.8                 | 16.8        | 52.6                   | 87.2           | -34.6       | Peak     | Horizontal   |
|      | 4051.5          | 38.3                 | 2.7         | 41.0                   | 74.0           | -33.0       | Peak     | Vertical     |
|      | 5080.0          | 36.9                 | 6.4         | 43.3                   | 74.0           | -30.7       | Peak     | Vertical     |
| *    | 7230.5          | 41.6                 | 11.7        | 53.3                   | 87.2           | -33.9       | Peak     | Vertical     |
| *    | 10103.5         | 35.4                 | 16.3        | 51.7                   | 87.2           | -35.5       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.2dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |                   |            |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4876.0          | 39.3                 | 5.7         | 45.0                   | 74.0           | -29.0       | Peak     | Horizontal   |
|      | 7315.5          | 38.1                 | 11.7        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
| *    | 7893.5          | 36.2                 | 12.3        | 48.5                   | 86.8           | -38.3       | Peak     | Horizontal   |
| *    | 10358.5         | 34.8                 | 16.8        | 51.7                   | 86.8           | -35.1       | Peak     | Horizontal   |
|      | 4782.5          | 37.2                 | 5.4         | 42.6                   | 74.0           | -31.4       | Peak     | Vertical     |
|      | 7307.0          | 40.1                 | 11.7        | 51.9                   | 74.0           | -22.1       | Peak     | Vertical     |
| *    | 7842.5          | 36.1                 | 12.1        | 48.2                   | 86.8           | -38.6       | Peak     | Vertical     |
| *    | 10231.0         | 34.8                 | 16.6        | 51.4                   | 86.8           | -35.4       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT20 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 11         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4927.0          | 38.3                 | 5.8         | 44.2                   | 74.0           | -29.8       | Peak     | Horizontal   |
|      | 7384.2          | 28.7                 | 11.7        | 40.4                   | 54.0           | -13.6       | Peak     | Horizontal   |
| *    | 8760.5          | 35.2                 | 13.4        | 48.5                   | 86.3           | -37.8       | Peak     | Horizontal   |
| *    | 10358.5         | 36.5                 | 16.8        | 53.3                   | 86.3           | -33.0       | Peak     | Horizontal   |
|      | 4961.0          | 37.6                 | 5.9         | 43.5                   | 74.0           | -30.5       | Peak     | Vertical     |
|      | 7383.5          | 41.0                 | 11.7        | 52.7                   | 74.0           | -21.3       | Peak     | Vertical     |
| *    | 8701.0          | 35.5                 | 13.3        | 48.8                   | 86.3           | -37.5       | Peak     | Vertical     |
| *    | 9814.5          | 34.9                 | 16.0        | 50.9                   | 86.3           | -35.4       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.3dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT40 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 03         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 3873.0          | 38.5                 | 2.1         | 40.6                   | 74.0           | -33.4       | Peak     | Horizontal   |
|      | 4867.5          | 37.3                 | 5.7         | 43.0                   | 74.0           | -31.0       | Peak     | Horizontal   |
| *    | 6474.0          | 36.0                 | 9.4         | 45.4                   | 84.4           | -39.0       | Peak     | Horizontal   |
| *    | 10358.5         | 35.3                 | 16.8        | 52.1                   | 84.4           | -32.3       | Peak     | Horizontal   |
|      | 4272.5          | 37.1                 | 3.4         | 40.6                   | 74.0           | -33.4       | Peak     | Vertical     |
|      | 7273.0          | 38.0                 | 11.6        | 49.6                   | 74.0           | -24.4       | Peak     | Vertical     |
| *    | 8896.5          | 35.9                 | 13.3        | 49.3                   | 84.4           | -35.1       | Peak     | Vertical     |
| *    | 9823.0          | 34.6                 | 16.0        | 50.6                   | 84.4           | -33.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.4dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT40 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 06         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4859.0          | 37.3                 | 5.7         | 42.9                   | 74.0           | -31.1       | Peak     | Horizontal   |
|      | 7315.5          | 37.7                 | 11.7        | 49.4                   | 74.0           | -24.6       | Peak     | Horizontal   |
| *    | 8777.5          | 35.3                 | 13.3        | 48.6                   | 83.1           | -34.5       | Peak     | Horizontal   |
| *    | 9772.0          | 35.3                 | 15.9        | 51.1                   | 83.1           | -32.0       | Peak     | Horizontal   |
|      | 4876.0          | 38.3                 | 5.7         | 44.0                   | 74.0           | -30.0       | Peak     | Vertical     |
|      | 7298.5          | 37.9                 | 11.7        | 49.7                   | 74.0           | -24.3       | Peak     | Vertical     |
| *    | 7995.5          | 35.3                 | 12.7        | 48.0                   | 83.1           | -35.1       | Peak     | Vertical     |
| *    | 9831.5          | 35.8                 | 16.1        | 51.9                   | 83.1           | -31.2       | Peak     | Vertical     |

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

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | HAN Access Point                                                                                                                                                                  | Temperature       | 26°C       |
| Test Engineer | Cloud Guo                                                                                                                                                                         | Relative Humidity | 56%        |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2019/10/15 |
| Test Mode     | 802.11ax-HT40 - Ant 0 + 1                                                                                                                                                         | Test Channel      | 09         |
| Remark        | 1. Average measurement was not performed if peak level lower than average limit.<br>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 |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 4085.5          | 38.4                 | 2.7         | 41.2                   | 74.0           | -32.8       | Peak     | Horizontal   |
|      | 7341.0          | 39.2                 | 11.7        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 8811.5          | 35.3                 | 13.4        | 48.6                   | 82.6           | -34.0       | Peak     | Horizontal   |
| *    | 10358.5         | 35.5                 | 16.8        | 52.3                   | 82.6           | -30.3       | Peak     | Horizontal   |
|      | 3983.5          | 38.5                 | 2.5         | 41.0                   | 74.0           | -33.0       | Peak     | Vertical     |
|      | 7383.5          | 39.7                 | 11.7        | 51.4                   | 74.0           | -22.6       | Peak     | Vertical     |
| *    | 8913.5          | 35.1                 | 13.4        | 48.4                   | 82.6           | -34.2       | Peak     | Vertical     |
| *    | 10273.5         | 35.3                 | 16.7        | 52.0                   | 82.6           | -30.6       | Peak     | Vertical     |

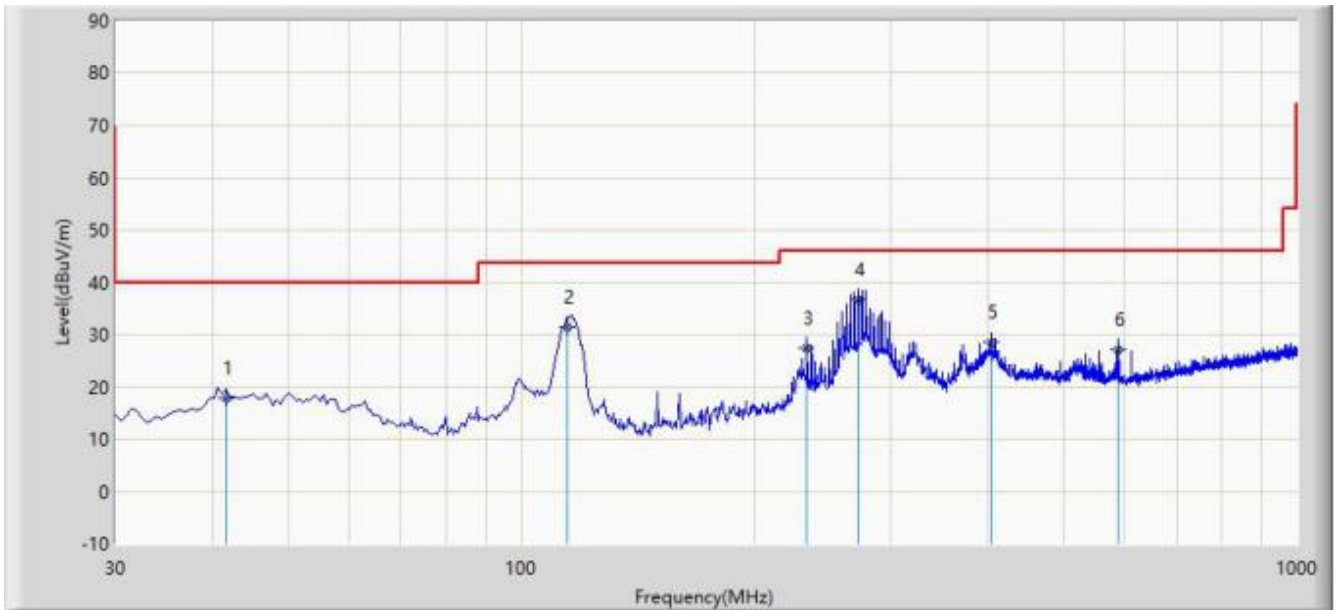
Note 1: "\*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.6dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

### The worst case of Radiated Emission below 1GHz:

|                                                                    |                          |
|--------------------------------------------------------------------|--------------------------|
| Site: AC2                                                          | Time: 2019/10/09 - 21:13 |
| Limit: FCC_Part15.209_RSE(3m)                                      | Engineer: David Lv       |
| Probe: VULB9162_0.03-8GHz                                          | Polarity: Horizontal     |
| EUT: HAN Access Point                                              | Power: AC 120V/60Hz      |
| <b>Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1</b> |                          |



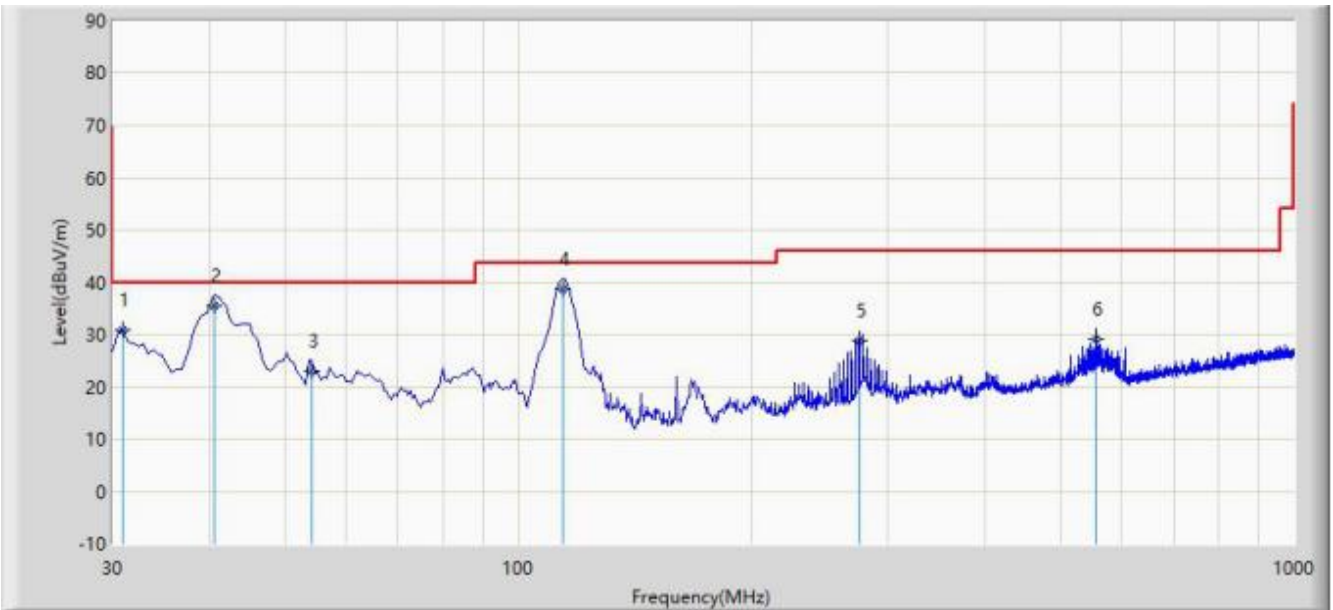
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 41.640          | 17.707                 | 3.613                | -22.293     | 40.000         | 14.094      | QP   |
| 2  |      |      | 114.875         | 31.377                 | 19.417               | -12.123     | 43.500         | 11.960      | QP   |
| 3  |      |      | 233.700         | 27.365                 | 14.373               | -18.635     | 46.000         | 12.992      | QP   |
| 4  |      | *    | 272.015         | 36.588                 | 22.743               | -9.412      | 46.000         | 13.845      | QP   |
| 5  |      |      | 403.450         | 28.416                 | 11.926               | -17.584     | 46.000         | 16.489      | QP   |
| 6  |      |      | 589.205         | 26.988                 | 7.466                | -19.012     | 46.000         | 19.523      | QP   |

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

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

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

|                                                                    |                          |
|--------------------------------------------------------------------|--------------------------|
| Site: AC2                                                          | Time: 2019/10/09 - 21:14 |
| Limit: FCC_Part15.209_RSE(3m)                                      | Engineer: David Lv       |
| Probe: VULB9162_0.03-8GHz                                          | Polarity: Vertical       |
| EUT: HAN Access Point                                              | Power: AC 120V/60Hz      |
| <b>Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1</b> |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 30.970          | 30.748                 | 18.614               | -9.252      | 40.000         | 12.134      | QP   |
| 2  |      | *    | 40.670          | 35.520                 | 21.609               | -4.480      | 40.000         | 13.910      | QP   |
| 3  |      |      | 54.250          | 22.983                 | 8.269                | -17.017     | 40.000         | 14.714      | QP   |
| 4  |      |      | 114.390         | 38.643                 | 26.601               | -4.857      | 43.500         | 12.042      | QP   |
| 5  |      |      | 275.410         | 28.704                 | 14.809               | -17.296     | 46.000         | 13.895      | QP   |
| 6  |      |      | 556.710         | 29.253                 | 10.347               | -16.747     | 46.000         | 18.906      | 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<br>(MHz)         | Frequency<br>(MHz)  | Frequency<br>(MHz) | Frequency<br>(GHz) |
|----------------------------|---------------------|--------------------|--------------------|
| 0.090 - 0.110              | 16.42 - 16.423      | 399.9 - 410        | 4.5 - 5.15         |
| <sup>1</sup> 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614          | 5.35 - 5.46        |
| 2.1735 - 2.1905            | 16.80425 - 16.80475 | 960 - 1240         | 7.25 - 7.75        |
| 4.125 - 4.128              | 25.5 - 25.67        | 1300 - 1427        | 8.025 - 8.5        |
| 4.17725 - 4.17775          | 37.5 - 38.25        | 1435 - 1626.5      | 9.0 - 9.2          |
| 4.20725 - 4.20775          | 73 - 74.6           | 1645.5 - 1646.5    | 9.3 - 9.5          |
| 6.215 - 6.218              | 74.8 - 75.2         | 1660 - 1710        | 10.6 - 12.7        |
| 6.26775 - 6.26825          | 108 - 121.94        | 1718.8 - 1722.2    | 13.25 - 13.4       |
| 6.31175 - 6.31225          | 123 - 138           | 2200 - 2300        | 14.47 - 14.5       |
| 8.291 - 8.294              | 149.9 - 150.05      | 2310 - 2390        | 15.35 - 16.2       |
| 8.362 - 8.366              | 156.52475 - 156.525 | 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        | ( <sup>2</sup> )   |
| 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

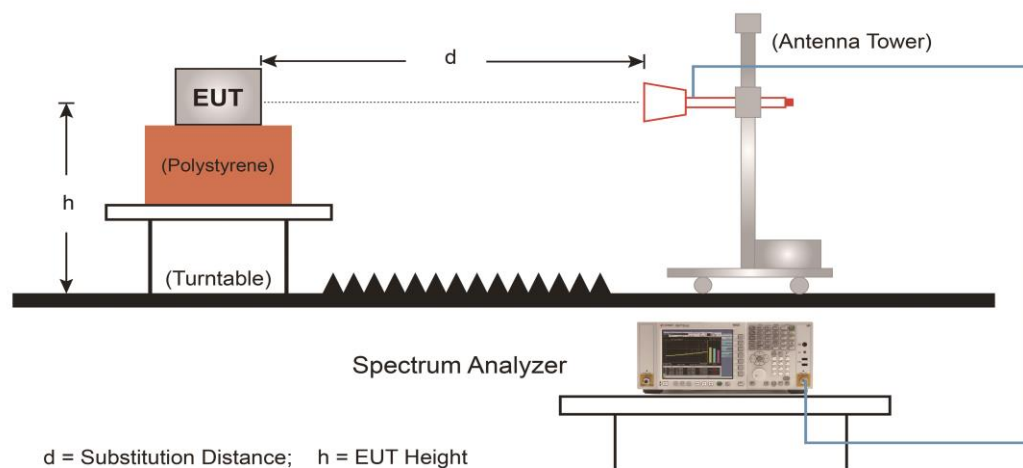
#### Peak Field Strength Measurements

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

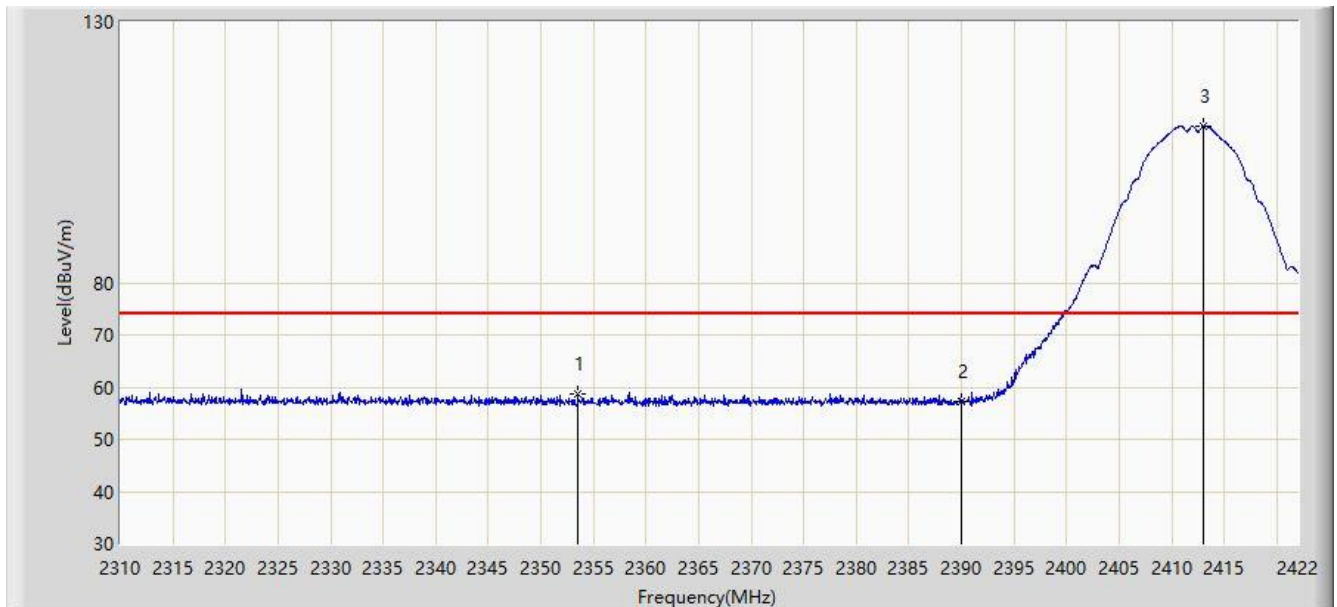
#### 7.7.4.Test Setup



### 7.7.5.Test Result

#### For AP321

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:28 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2412MHz |                          |

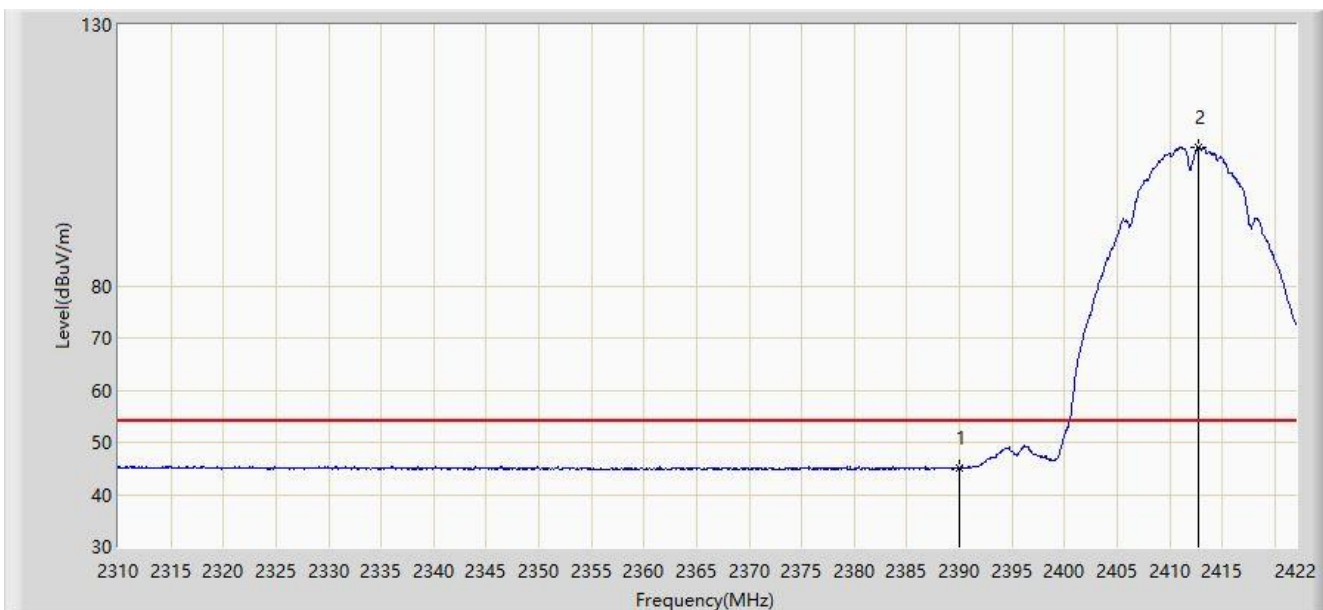


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2353.512        | 58.746                 | 28.786               | -15.254     | 74.000         | 29.960      | PK   |
| 2  |      |      | 2390.000        | 57.380                 | 27.521               | -16.620     | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2413.040        | 109.976                | 80.175               | N/A         | N/A            | 29.801      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:37 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2412MHz |                          |

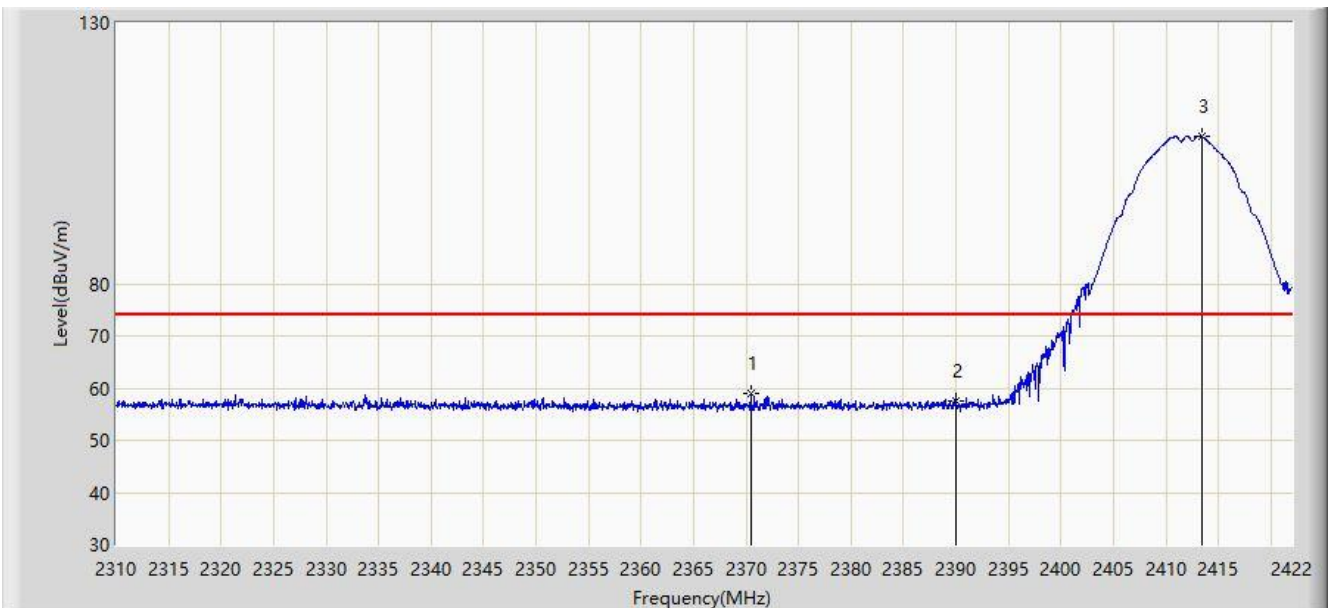


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 45.088                 | 15.229               | -8.912      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2412.704        | 106.620                | 76.818               | N/A         | N/A            | 29.802      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:39 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2412MHz |                          |

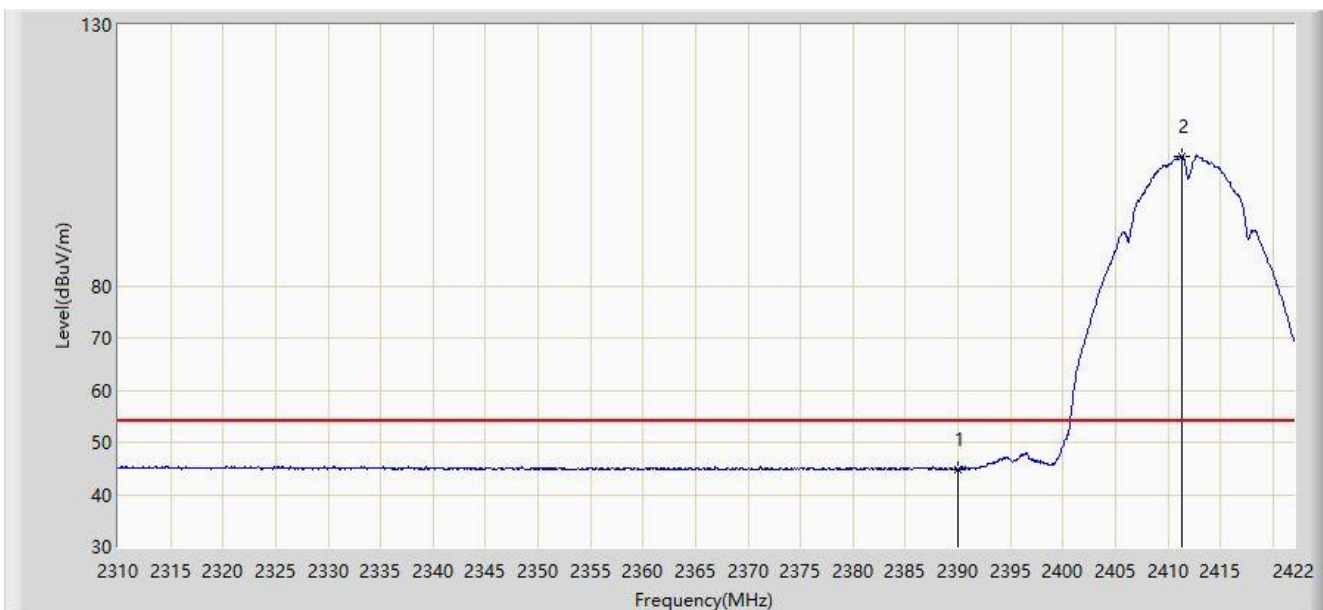


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2370.424        | 58.860                 | 28.950               | -15.140     | 74.000         | 29.910      | PK   |
| 2  |      |      | 2390.000        | 57.669                 | 27.810               | -16.331     | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2413.432        | 108.120                | 78.319               | N/A         | N/A            | 29.801      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:39 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2412MHz |                          |

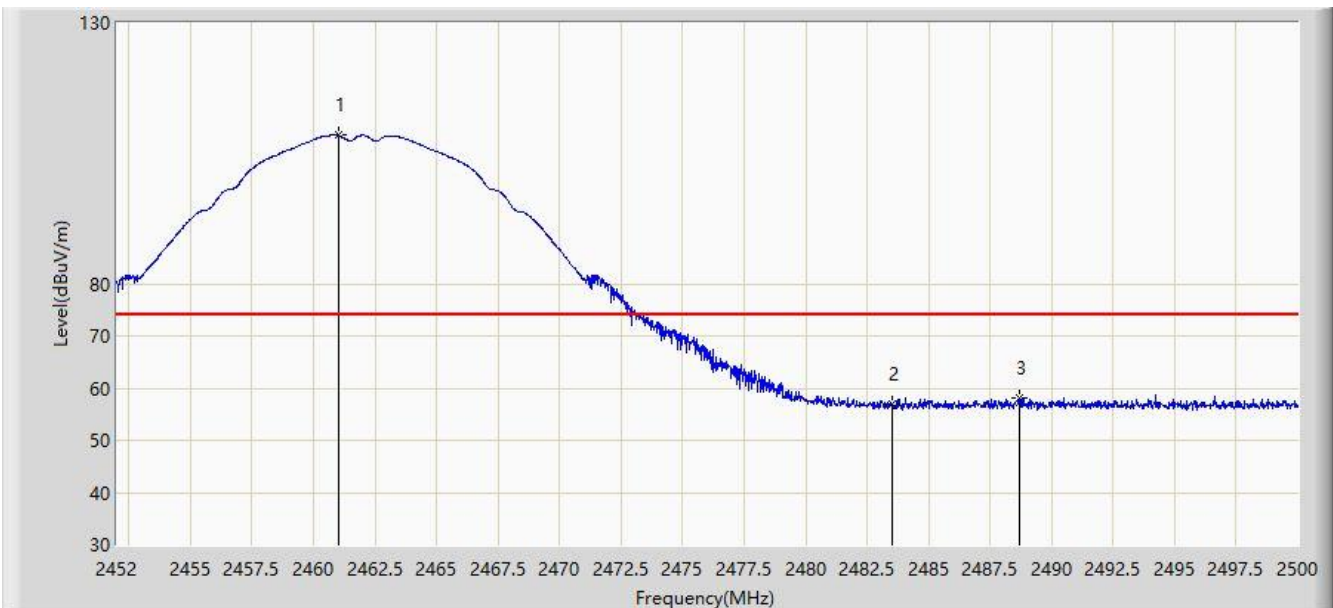


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 44.867                 | 15.008               | -9.133      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2411.304        | 104.837                | 75.031               | N/A         | N/A            | 29.806      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:44 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2462MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2461.000        | 108.455                | 78.720               | N/A         | N/A            | 29.735      | PK   |
| 2  |      |      | 2483.500        | 56.820                 | 27.046               | -17.180     | 74.000         | 29.774      | PK   |
| 3  |      |      | 2488.672        | 58.112                 | 28.329               | -15.888     | 74.000         | 29.783      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:46 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2462MHz |                          |

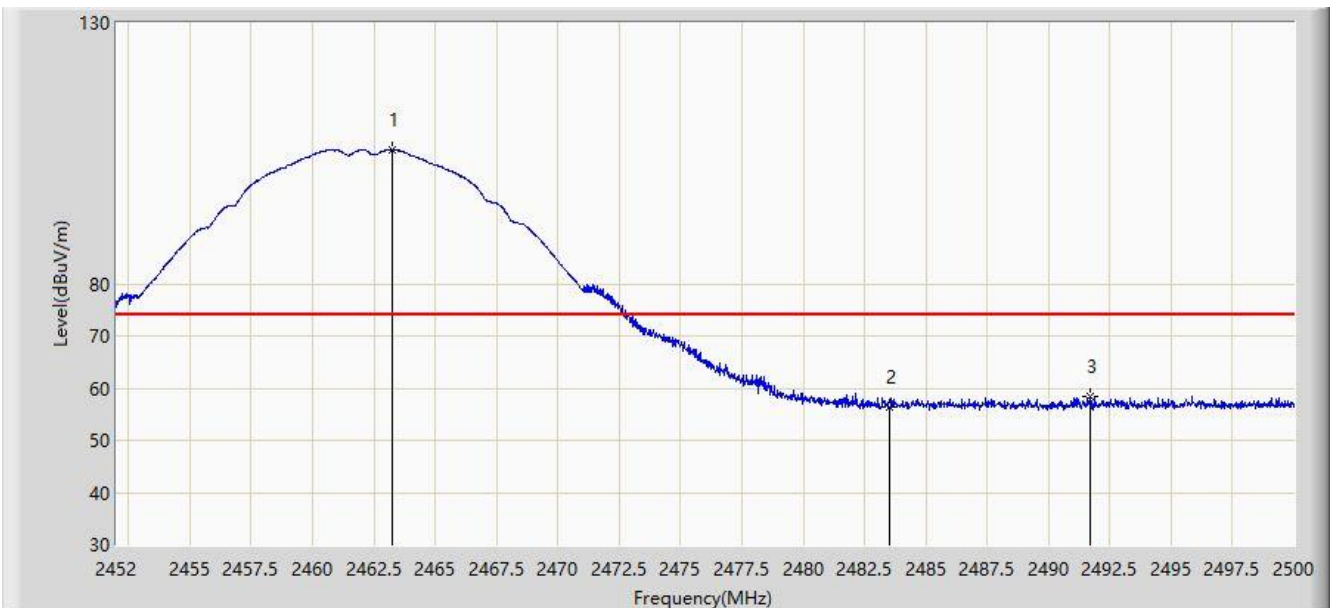


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2461.336        | 105.312                | 75.576               | N/A         | N/A            | 29.736      | AV   |
| 2  |      |      | 2483.500        | 45.115                 | 15.341               | -8.885      | 54.000         | 29.774      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:48 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2462MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2463.256        | 105.672                | 75.934               | N/A         | N/A            | 29.738      | PK   |
| 2  |      |      | 2483.500        | 56.513                 | 26.739               | -17.487     | 74.000         | 29.774      | PK   |
| 3  |      |      | 2491.720        | 58.494                 | 28.706               | -15.506     | 74.000         | 29.788      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:48 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11b at Channel 2462MHz |                          |

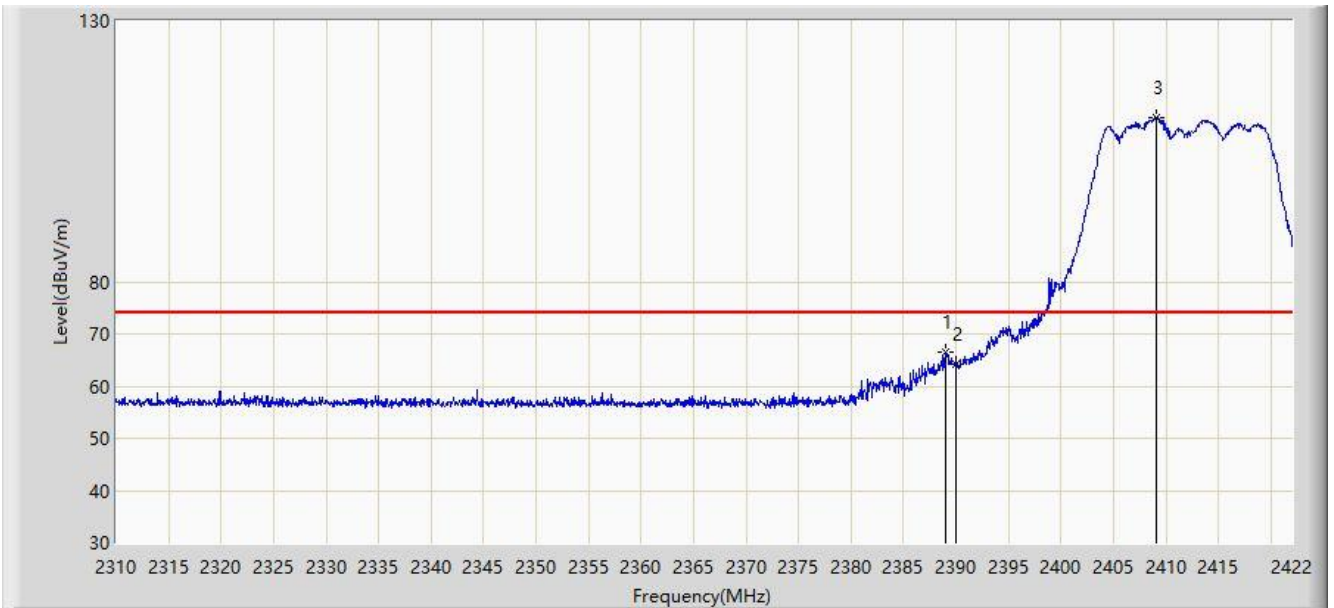


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2461.240        | 102.551                | 72.815               | N/A         | N/A            | 29.736      | AV   |
| 2  |      |      | 2483.500        | 45.011                 | 15.237               | -8.989      | 54.000         | 29.774      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:51 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2412MHz |                          |

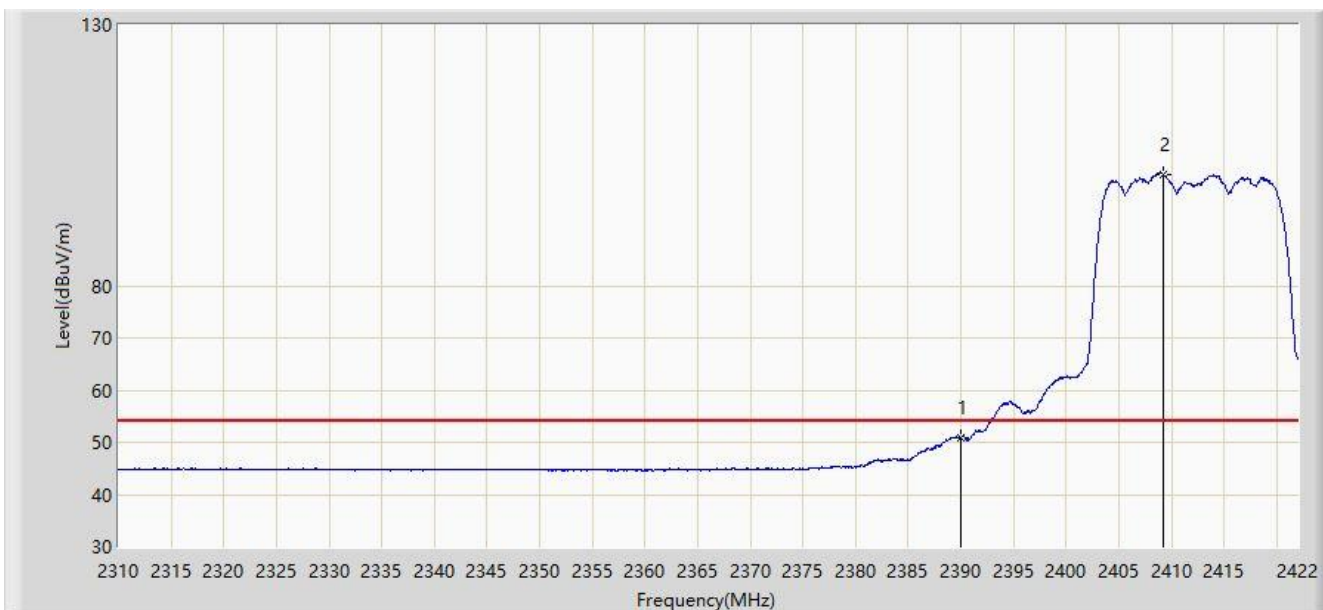


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2388.960        | 66.624                 | 36.763               | -7.376      | 74.000         | 29.861      | PK   |
| 2  |      |      | 2390.000        | 64.287                 | 34.428               | -9.713      | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2409.064        | 111.476                | 81.665               | N/A         | N/A            | 29.811      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:53 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2412MHz |                          |

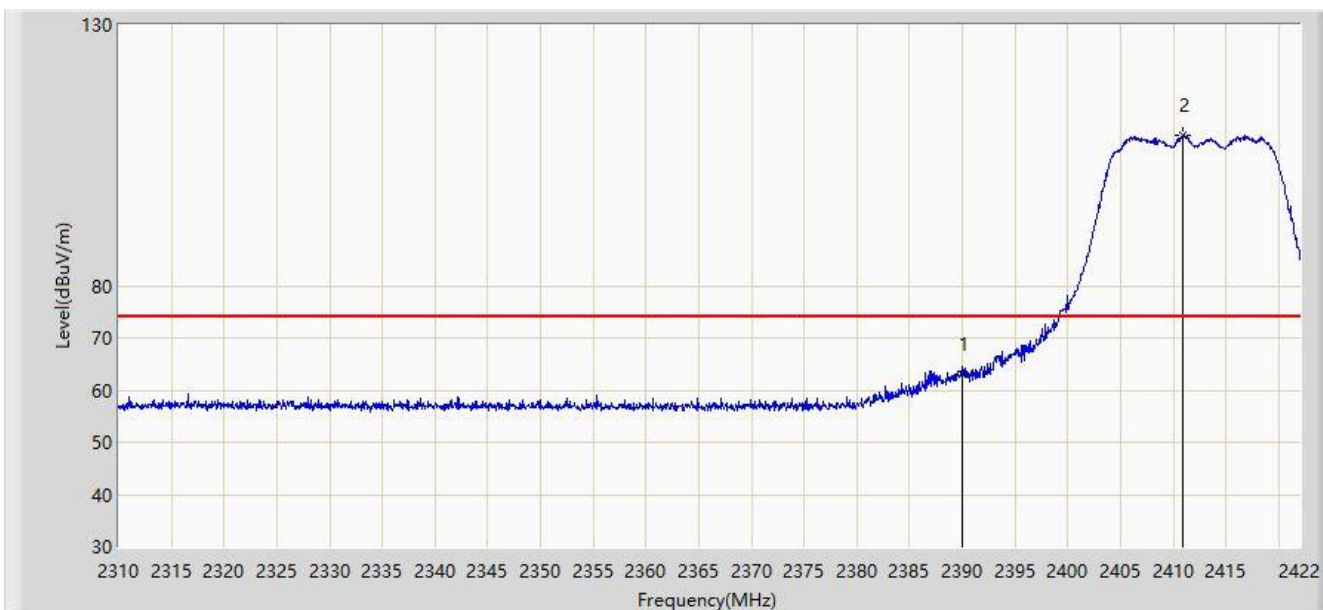


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 50.907                 | 21.048               | -3.093      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2409.232        | 101.367                | 71.556               | N/A         | N/A            | 29.811      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:55 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2412MHz |                          |

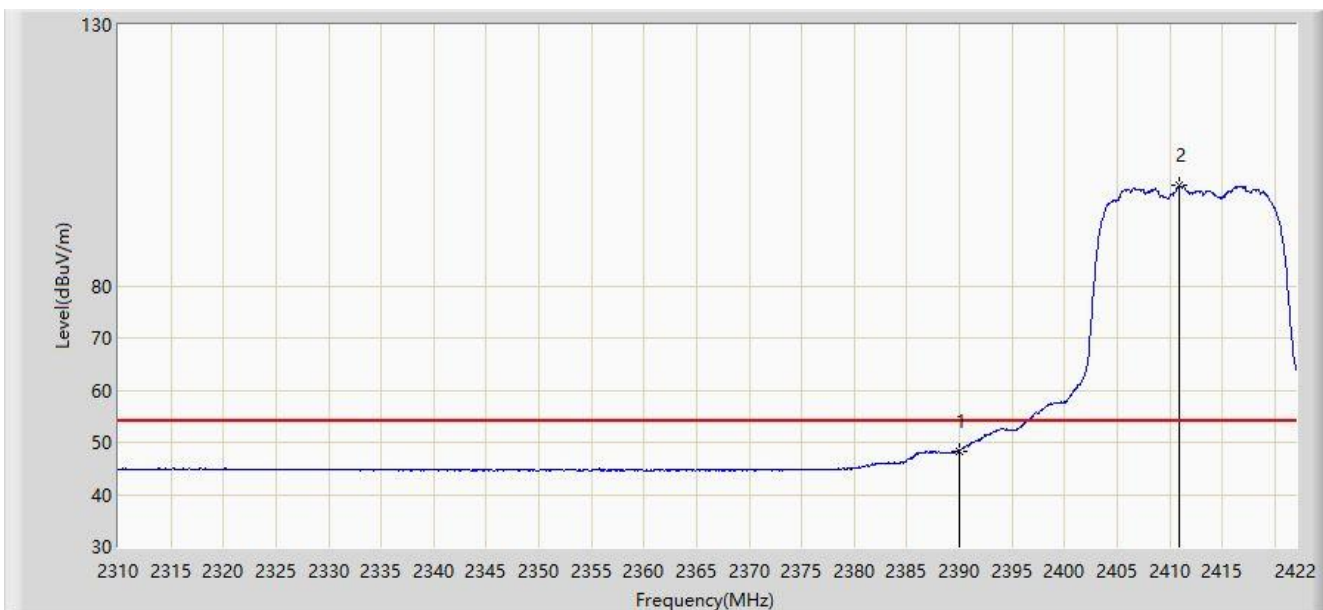


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 63.106                 | 33.247               | -10.894     | 74.000         | 29.859      | PK   |
| 2  |      | *    | 2410.856        | 108.728                | 78.921               | N/A         | N/A            | 29.807      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:55 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2412MHz |                          |

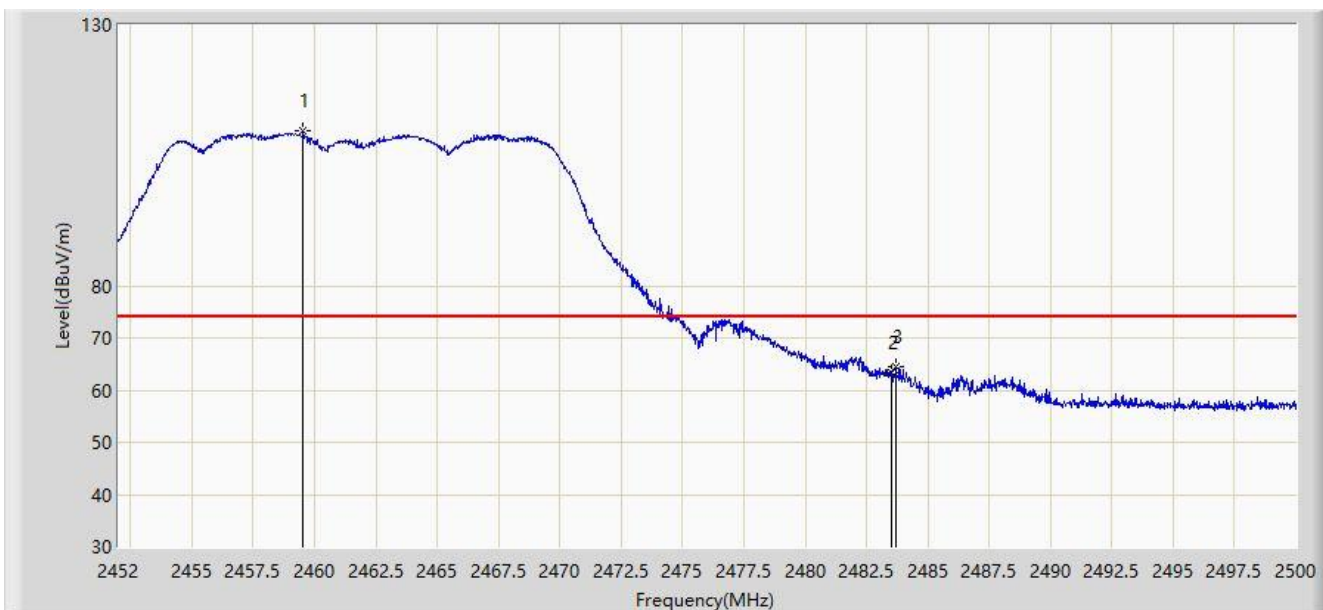


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 48.368                 | 18.509               | -5.632      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2410.968        | 99.205                 | 69.399               | N/A         | N/A            | 29.806      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 15:59 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2462MHz |                          |

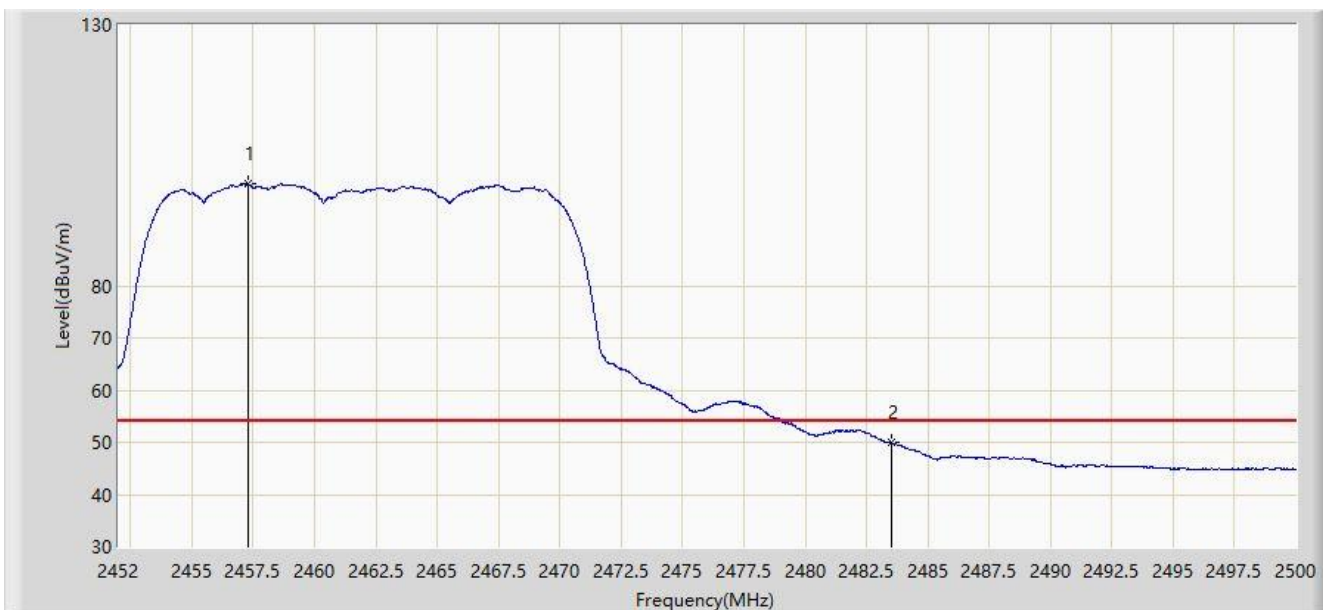


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2459.536        | 109.841                | 80.107               | N/A         | N/A            | 29.734      | PK   |
| 2  |      |      | 2483.500        | 63.216                 | 33.442               | -10.784     | 74.000         | 29.774      | PK   |
| 3  |      |      | 2483.704        | 64.418                 | 34.644               | -9.582      | 74.000         | 29.774      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 16:01 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2462MHz |                          |

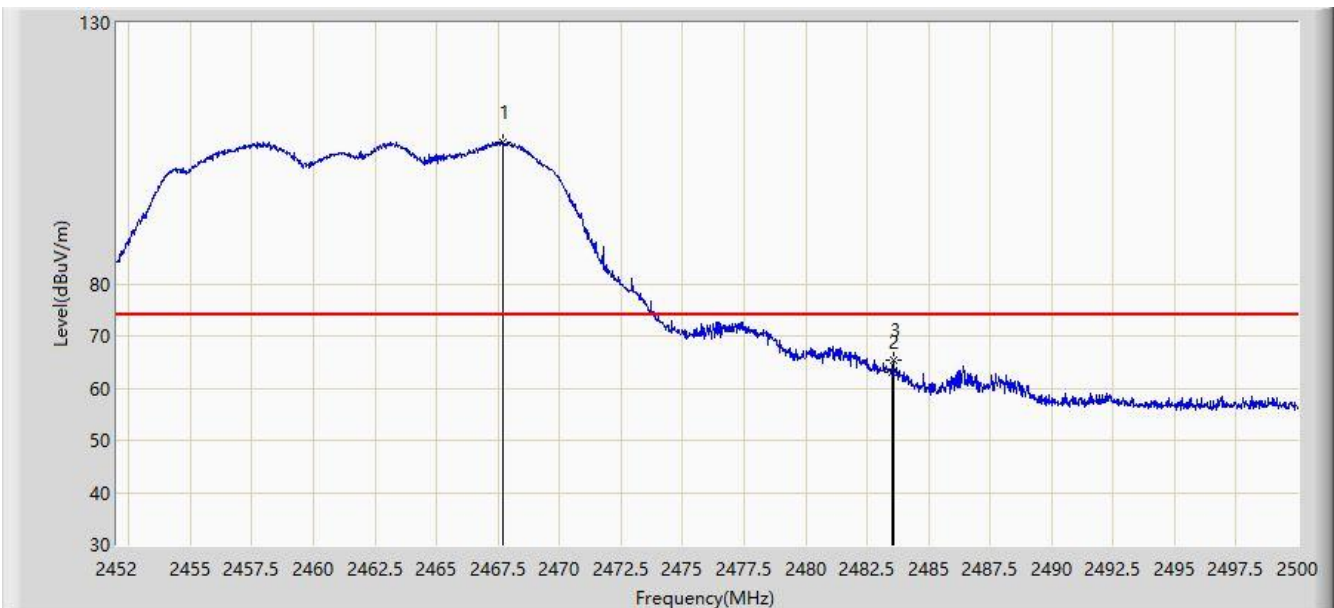


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2457.280        | 99.455                 | 69.723               | N/A         | N/A            | 29.732      | AV   |
| 2  |      |      | 2483.500        | 50.035                 | 20.261               | -3.965      | 54.000         | 29.774      | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 16:02 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2462MHz |                          |

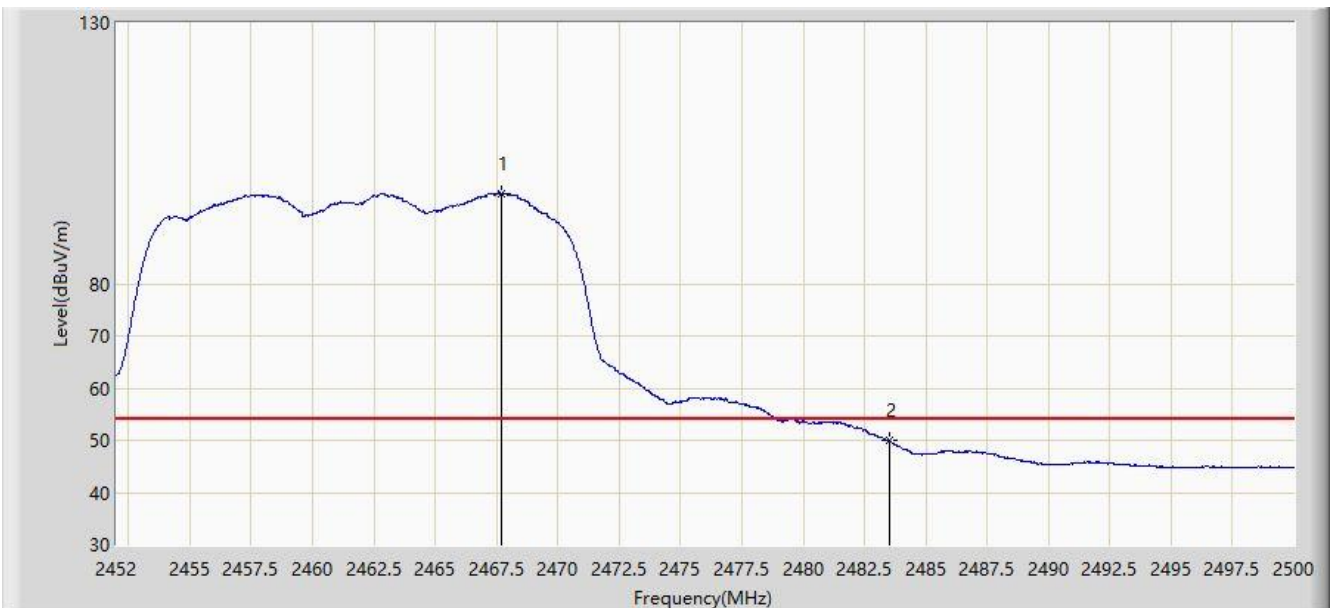


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2467.720        | 107.226                | 77.481               | N/A         | N/A            | 29.745      | PK   |
| 2  |      |      | 2483.500        | 63.098                 | 33.324               | -10.902     | 74.000         | 29.774      | PK   |
| 3  |      |      | 2483.584        | 65.424                 | 35.650               | -8.576      | 74.000         | 29.774      | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2019/10/05 - 16:02 |
| Limit: FCC_Part15.209(3m)                         | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: HAN Access Point                             | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11g at Channel 2462MHz |                          |

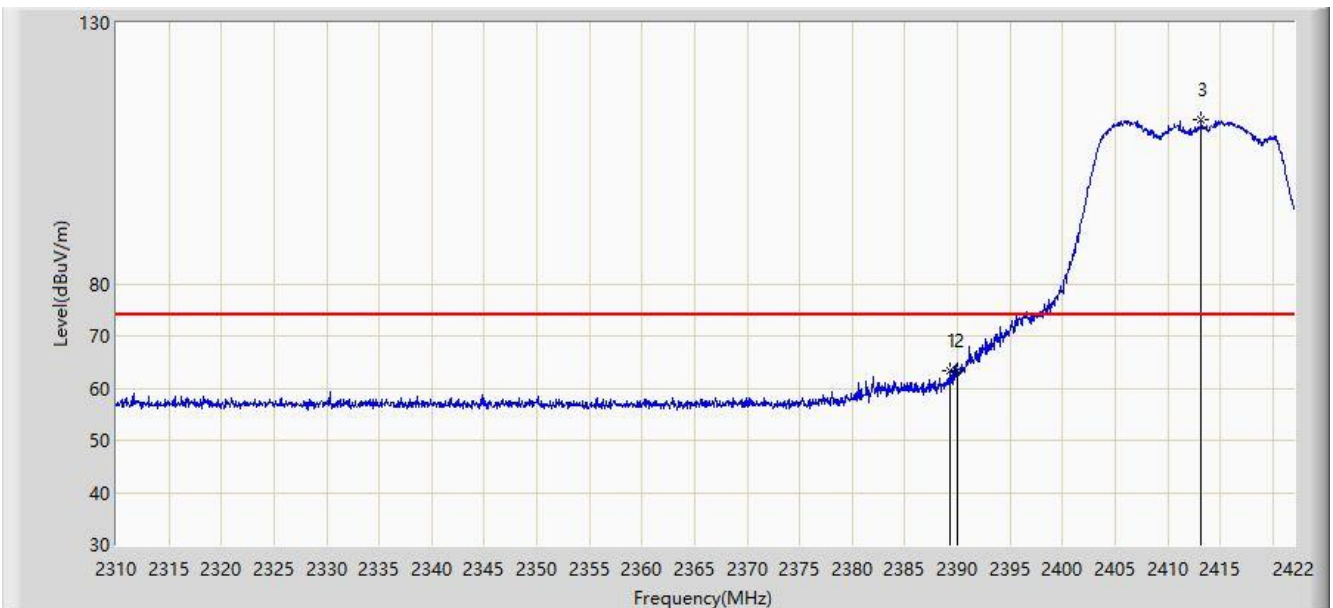


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2467.696        | 97.242                 | 67.497               | N/A         | N/A            | 29.745      | AV   |
| 2  |      |      | 2483.500        | 49.874                 | 20.100               | -4.126      | 54.000         | 29.774      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:05 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz |                          |

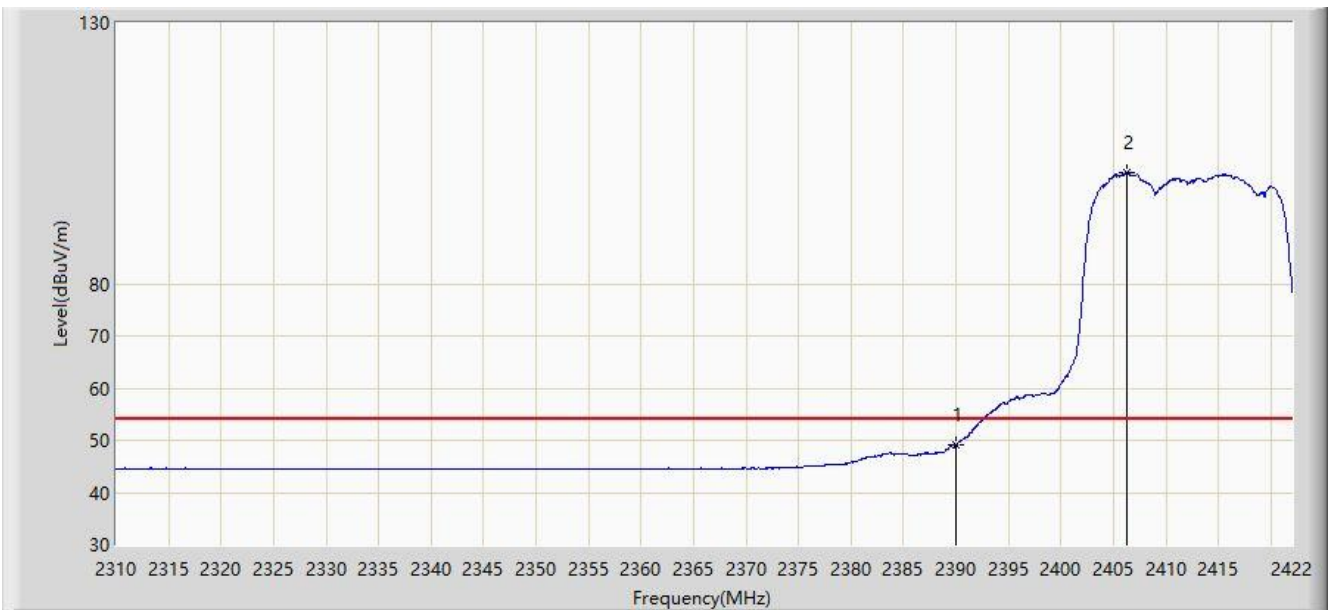


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2389.240        | 63.430                 | 33.569               | -10.570     | 74.000         | 29.861      | PK   |
| 2  |      |      | 2390.000        | 63.339                 | 33.480               | -10.661     | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2413.208        | 111.358                | 81.557               | N/A         | N/A            | 29.801      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:08 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz |                          |

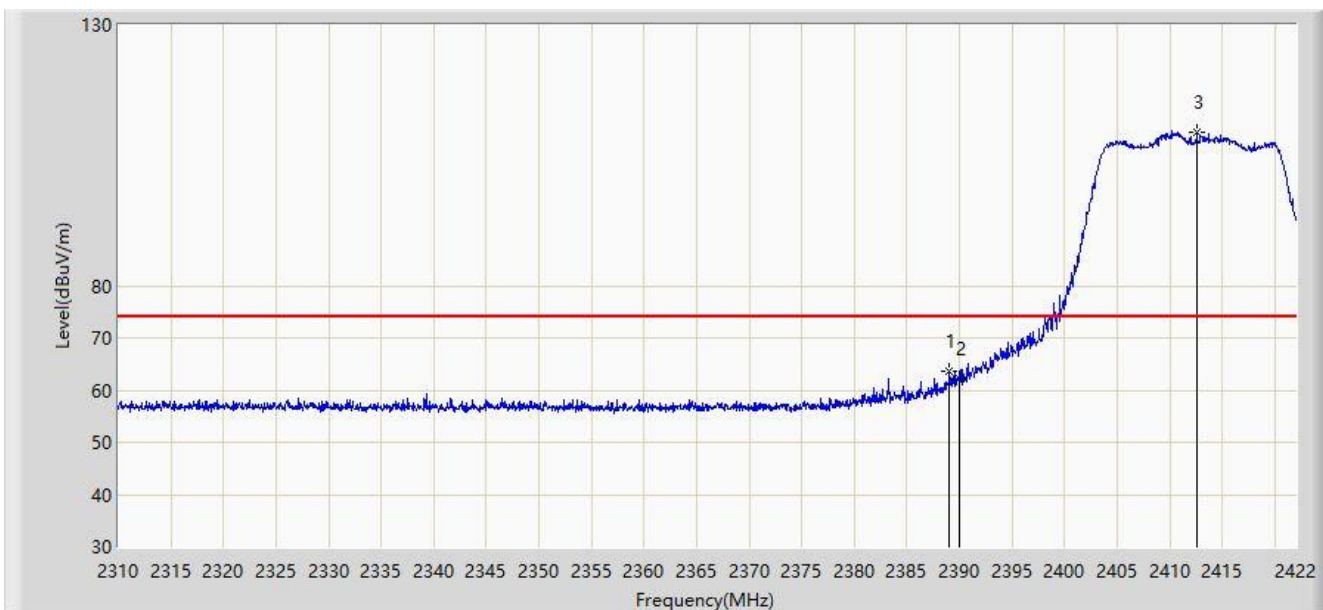


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 49.048                 | 19.189               | -4.952      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2406.320        | 101.293                | 71.475               | N/A         | N/A            | 29.818      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:10 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz |                          |

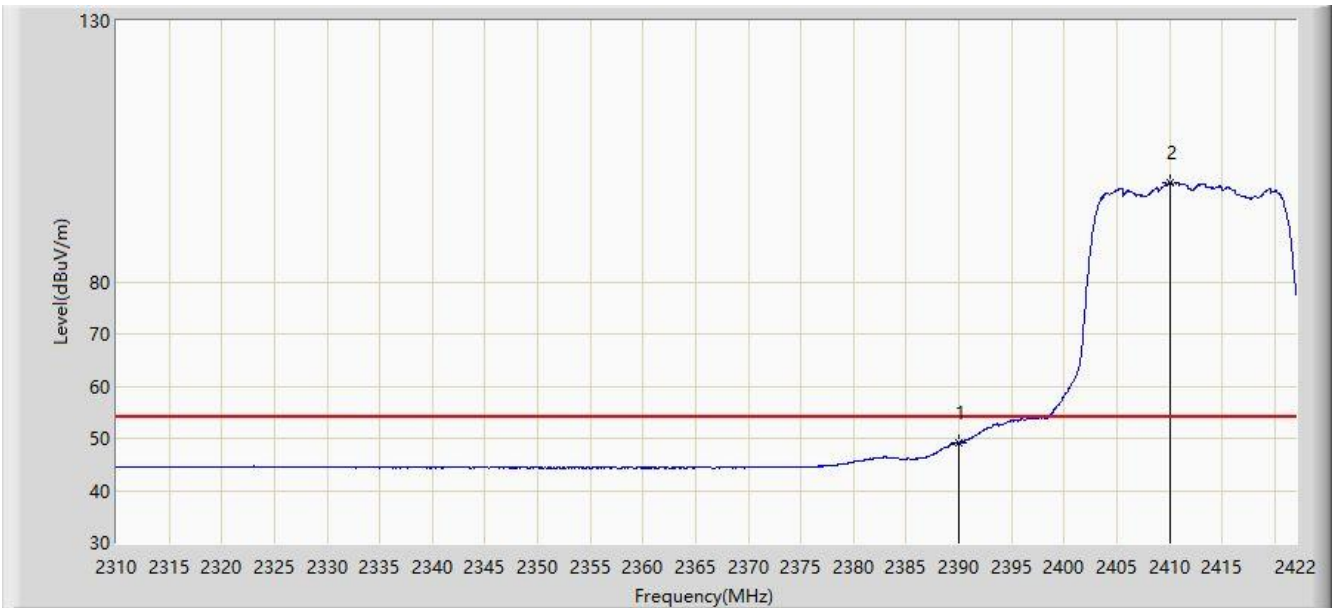


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2389.072        | 63.675                 | 33.814               | -10.325     | 74.000         | 29.861      | PK   |
| 2  |      |      | 2390.000        | 62.086                 | 32.227               | -11.914     | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2412.592        | 109.399                | 79.596               | N/A         | N/A            | 29.803      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:10 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz |                          |

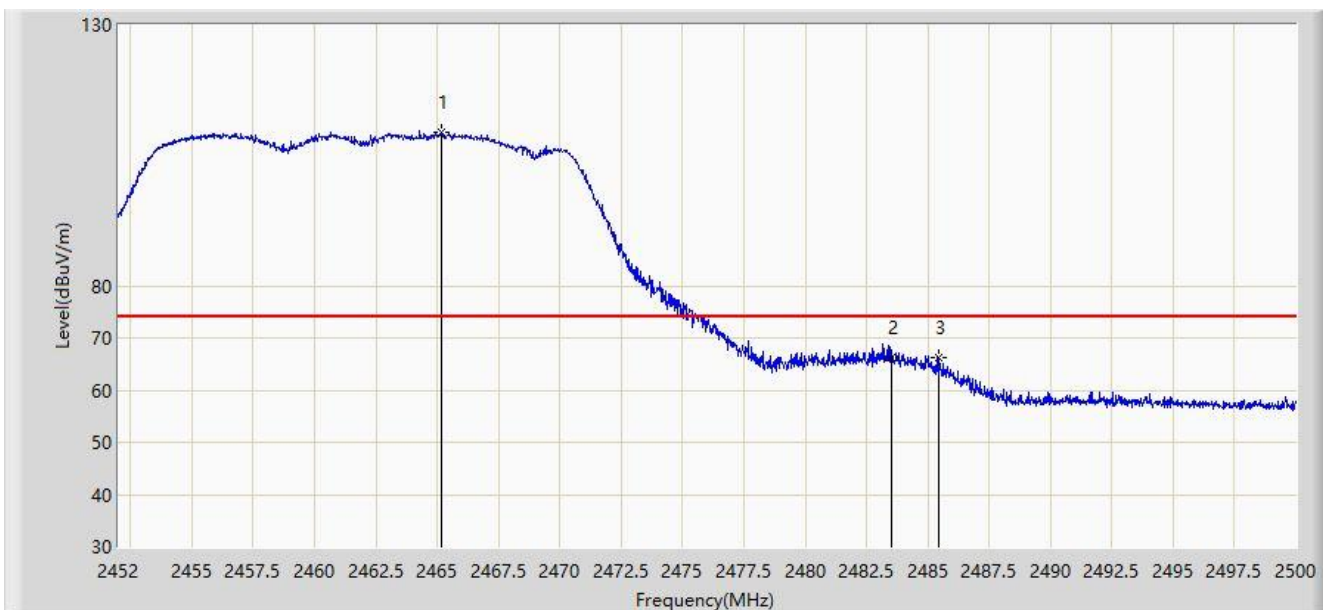


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 49.232                 | 19.373               | -4.768      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2410.128        | 99.113                 | 69.305               | N/A         | N/A            | 29.808      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:13 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz |                          |

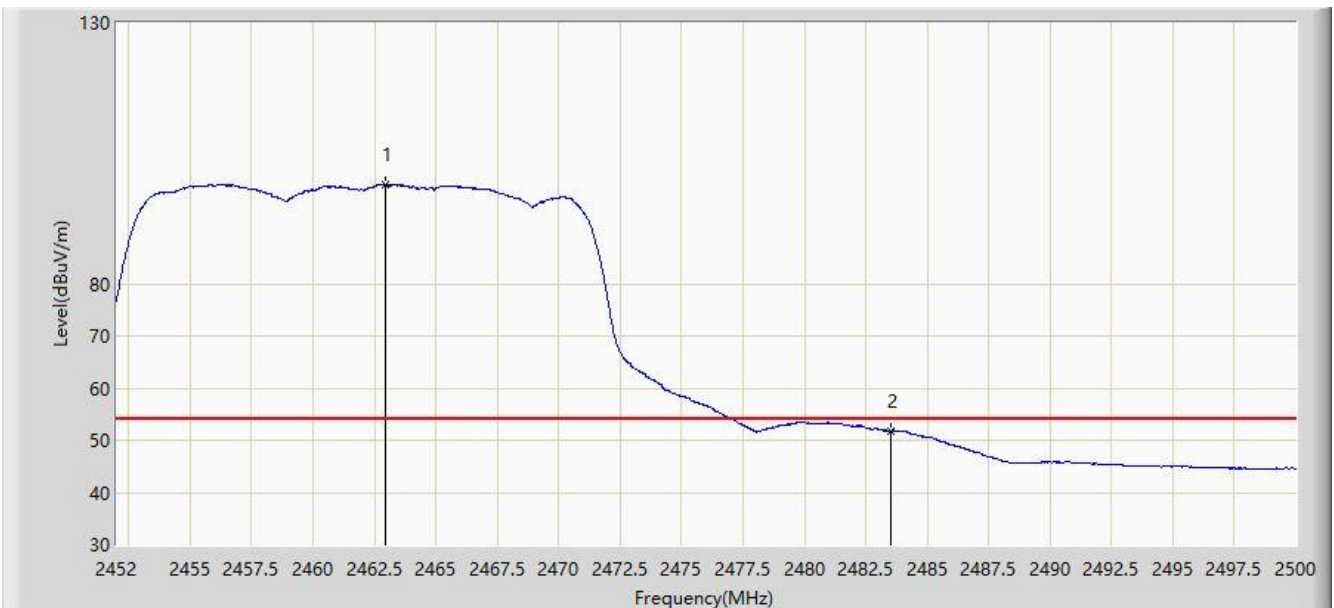


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2465.176        | 109.359                | 79.619               | N/A         | N/A            | 29.740      | PK   |
| 2  |      |      | 2483.500        | 66.269                 | 36.495               | -7.731      | 74.000         | 29.774      | PK   |
| 3  |      |      | 2485.456        | 66.298                 | 36.521               | -7.702      | 74.000         | 29.777      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:15 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz |                          |

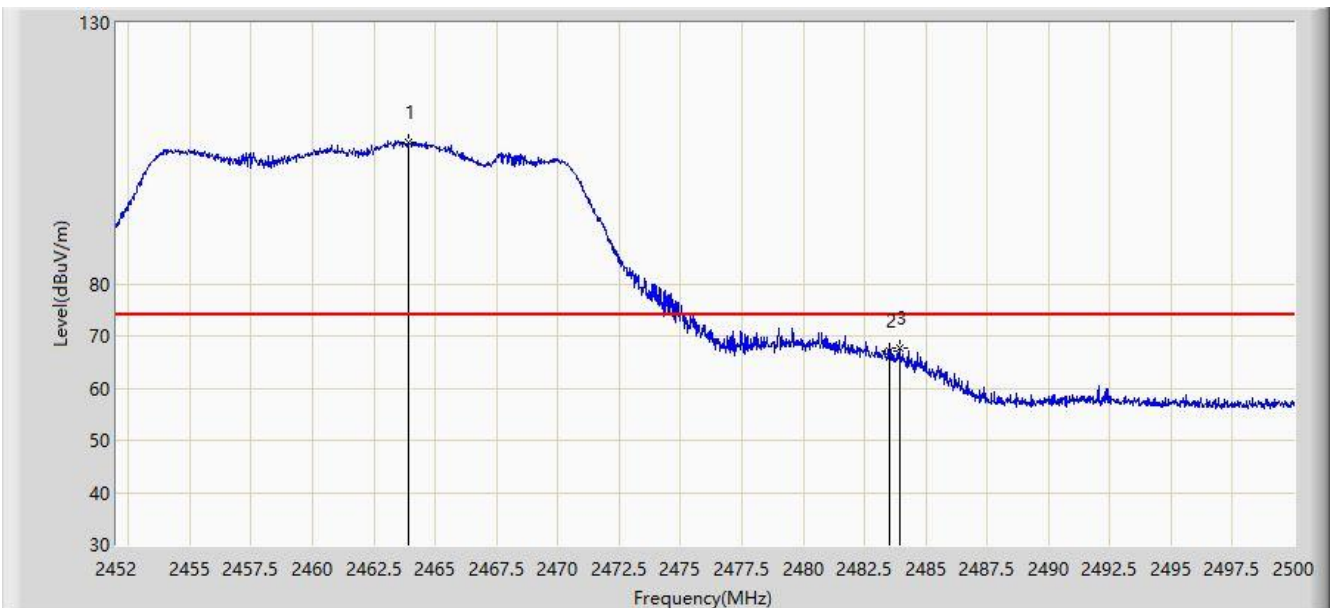


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2462.944        | 99.117                 | 69.380               | N/A         | N/A            | 29.737      | AV   |
| 2  |      |      | 2483.500        | 51.830                 | 22.056               | -2.170      | 54.000         | 29.774      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:17 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz |                          |

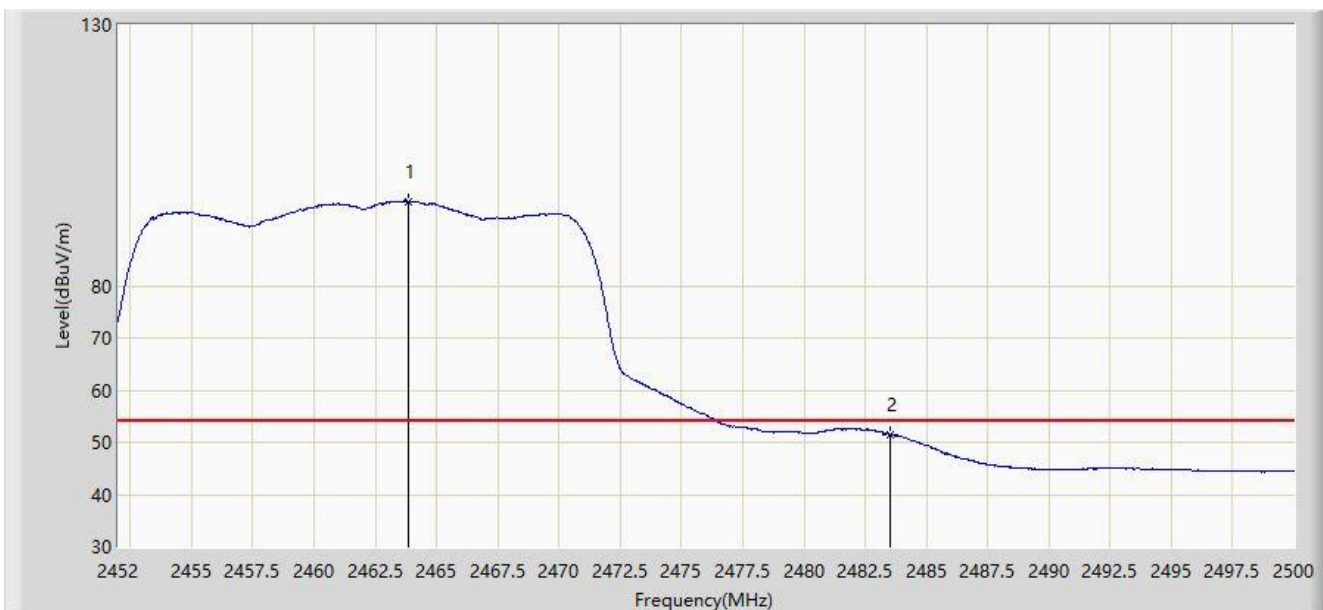


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2463.880        | 107.241                | 77.503               | N/A         | N/A            | 29.738      | PK   |
| 2  |      |      | 2483.500        | 67.146                 | 37.372               | -6.854      | 74.000         | 29.774      | PK   |
| 3  |      |      | 2483.920        | 67.662                 | 37.888               | -6.338      | 74.000         | 29.774      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:17 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz |                          |

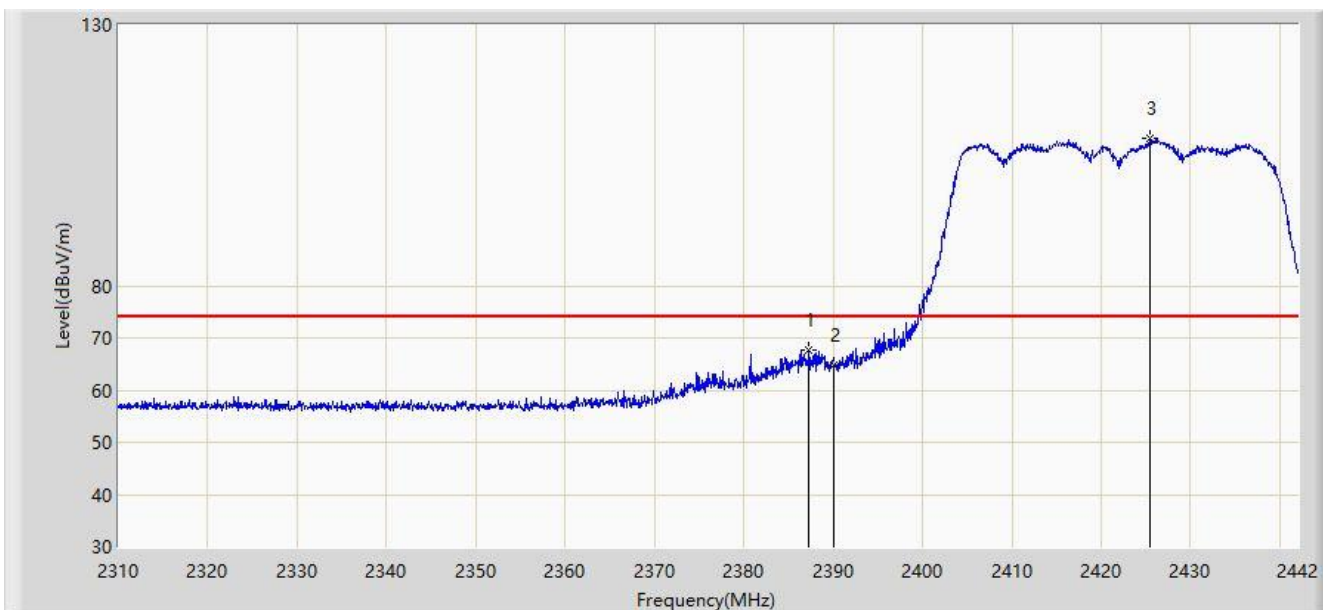


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2463.856        | 96.090                 | 66.352               | N/A         | N/A            | 29.738      | AV   |
| 2  |      |      | 2483.500        | 51.513                 | 21.739               | -2.487      | 54.000         | 29.774      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:28 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz |                          |

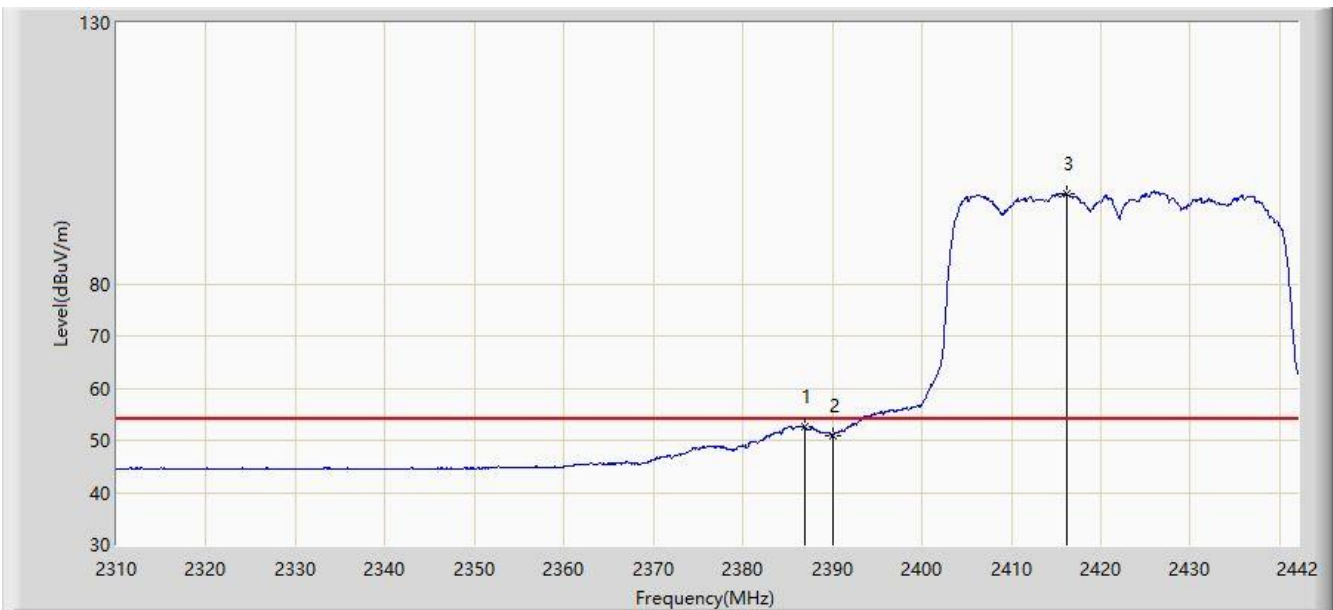


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2387.286        | 67.687                 | 37.821               | -6.313      | 74.000         | 29.866      | PK   |
| 2  |      |      | 2390.000        | 64.728                 | 34.869               | -9.272      | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2425.434        | 108.191                | 78.419               | N/A         | N/A            | 29.772      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:26 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz |                          |

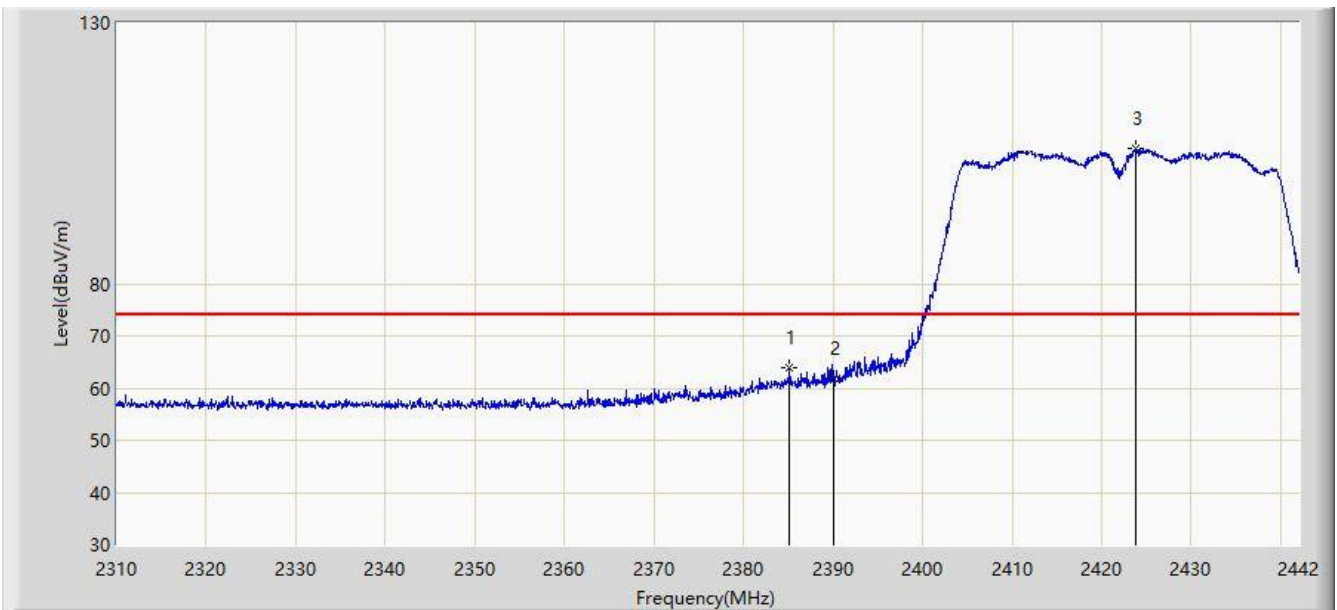


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2386.890        | 52.517                 | 22.650               | -1.483      | 54.000         | 29.867      | AV   |
| 2  |      |      | 2390.000        | 50.863                 | 21.004               | -3.137      | 54.000         | 29.859      | AV   |
| 3  |      | *    | 2416.260        | 97.348                 | 67.554               | N/A         | N/A            | 29.794      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:29 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz |                          |

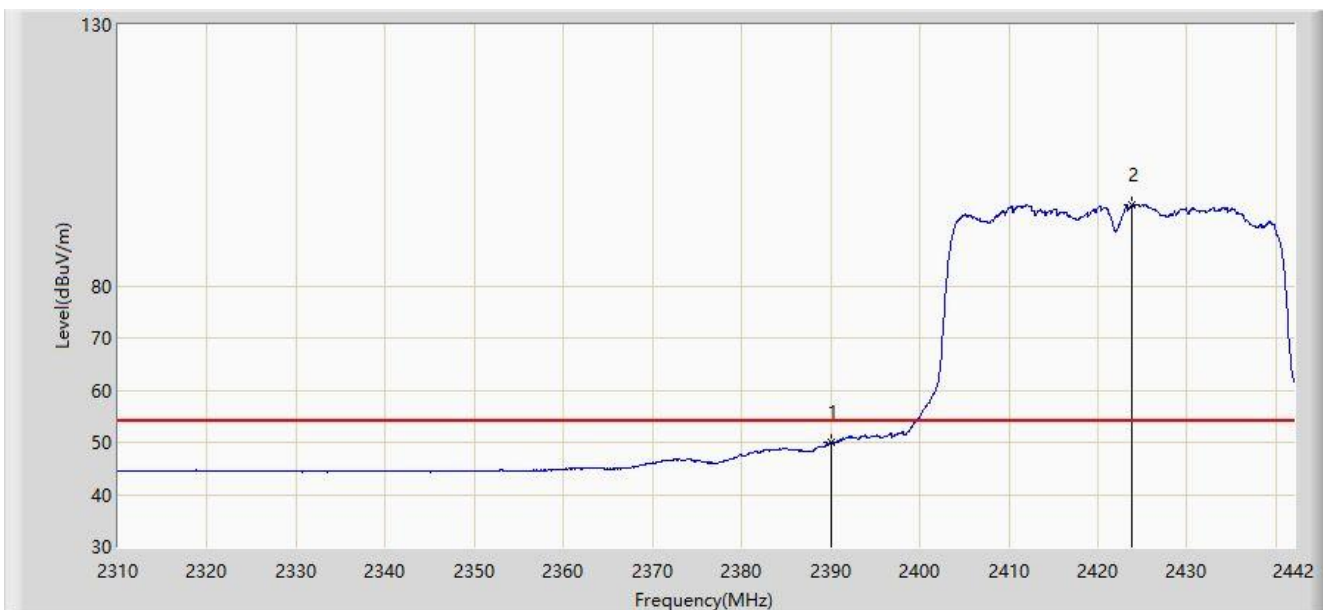


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2385.174        | 63.830                 | 33.959               | -10.170     | 74.000         | 29.871      | PK   |
| 2  |      |      | 2390.000        | 61.875                 | 32.016               | -12.125     | 74.000         | 29.859      | PK   |
| 3  |      | *    | 2423.850        | 106.056                | 76.280               | N/A         | N/A            | 29.776      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:30 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz |                          |

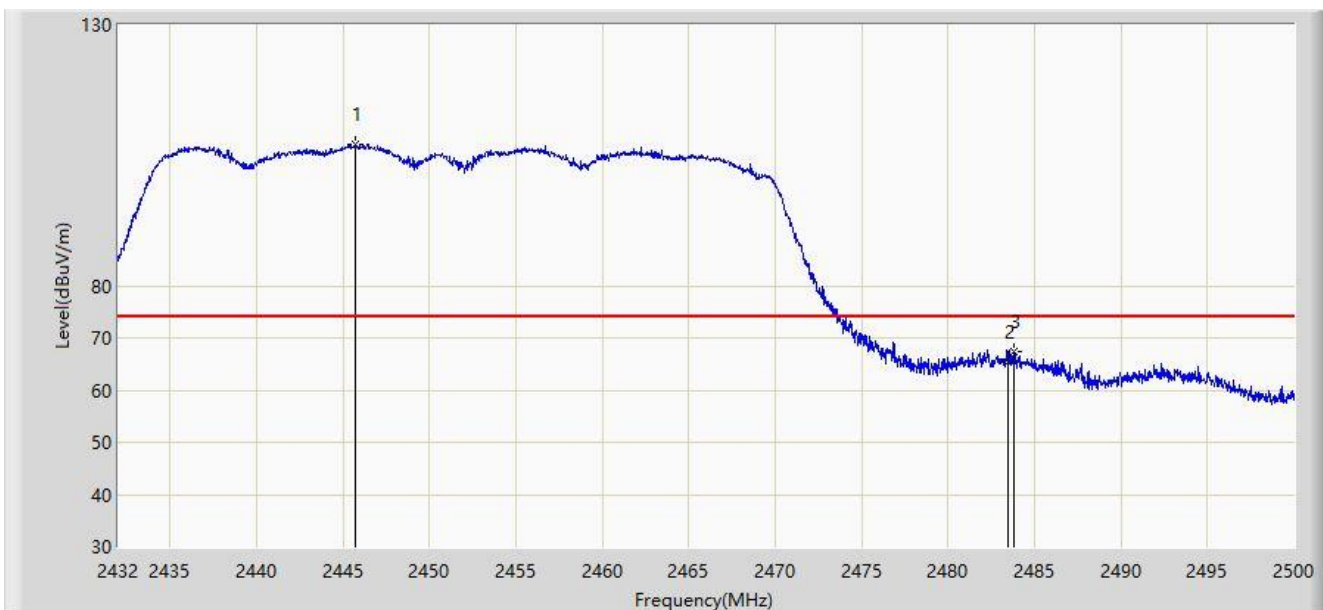


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 2390.000        | 49.948                 | 20.089               | -4.052      | 54.000         | 29.859      | AV   |
| 2  |      | *    | 2423.784        | 95.381                 | 65.605               | N/A         | N/A            | 29.776      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:36 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz |                          |

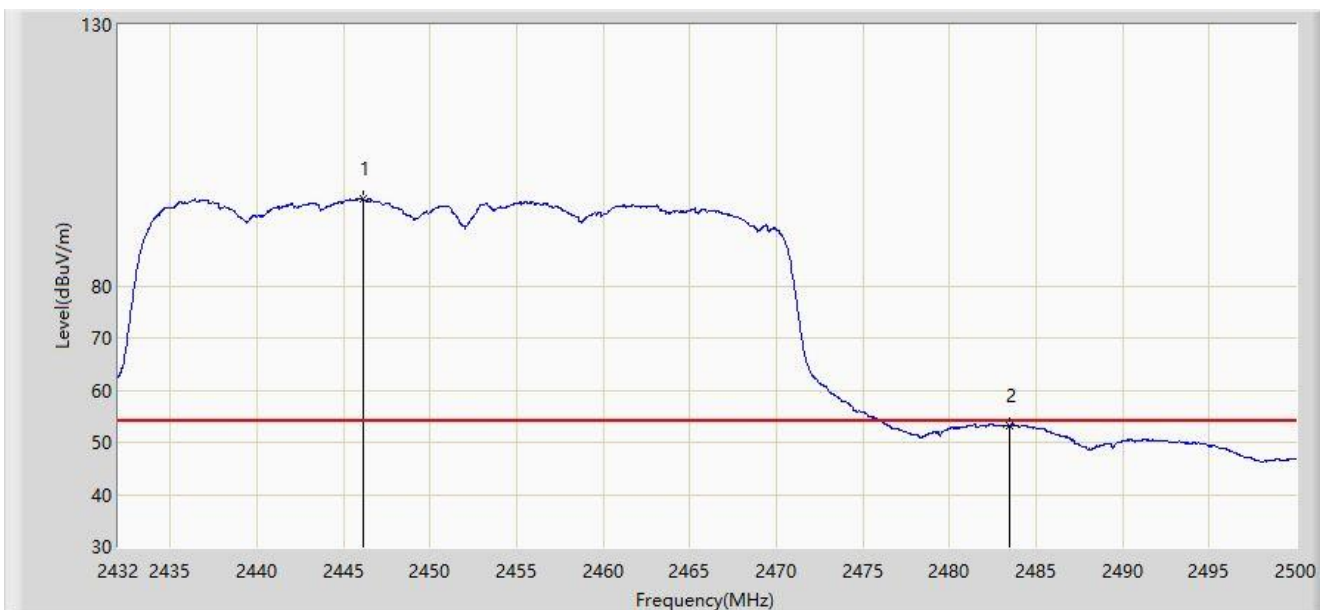


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2445.736        | 107.238                | 77.515               | N/A         | N/A            | 29.723      | PK   |
| 2  |      |      | 2483.500        | 65.480                 | 35.706               | -8.520      | 74.000         | 29.774      | PK   |
| 3  |      |      | 2483.782        | 67.469                 | 37.695               | -6.531      | 74.000         | 29.774      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:34 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz |                          |

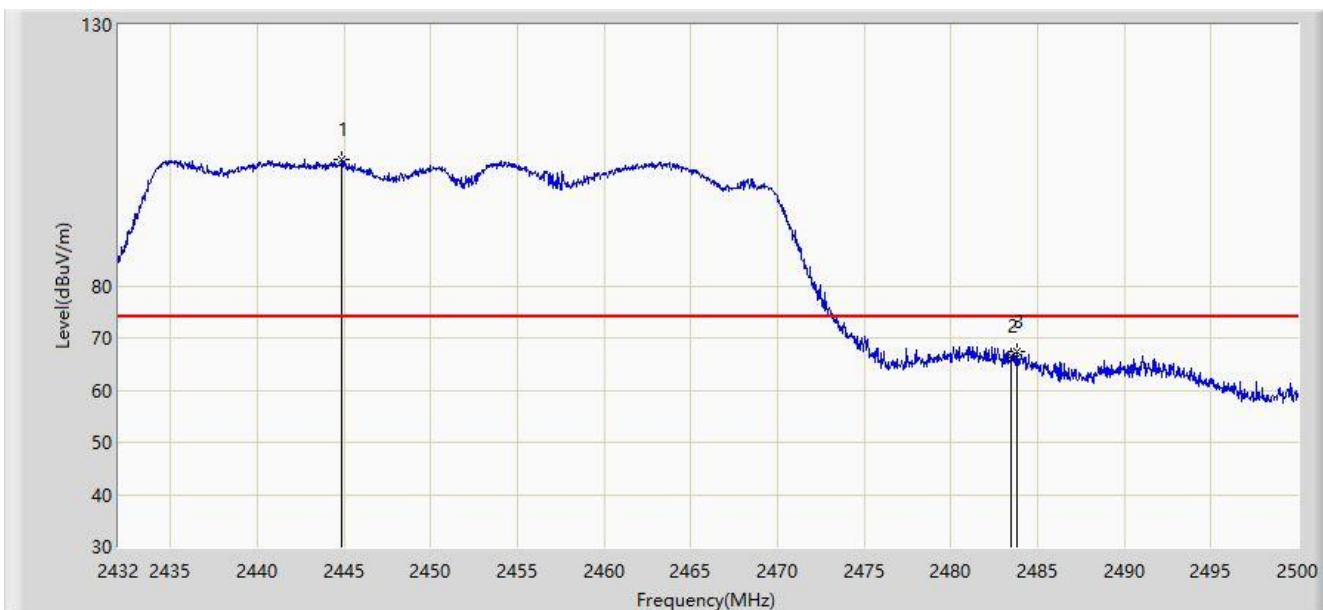


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2446.144        | 96.654                 | 66.932               | N/A         | N/A            | 29.722      | AV   |
| 2  |      |      | 2483.500        | 53.256                 | 23.482               | -0.744      | 54.000         | 29.774      | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:37 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz |                          |

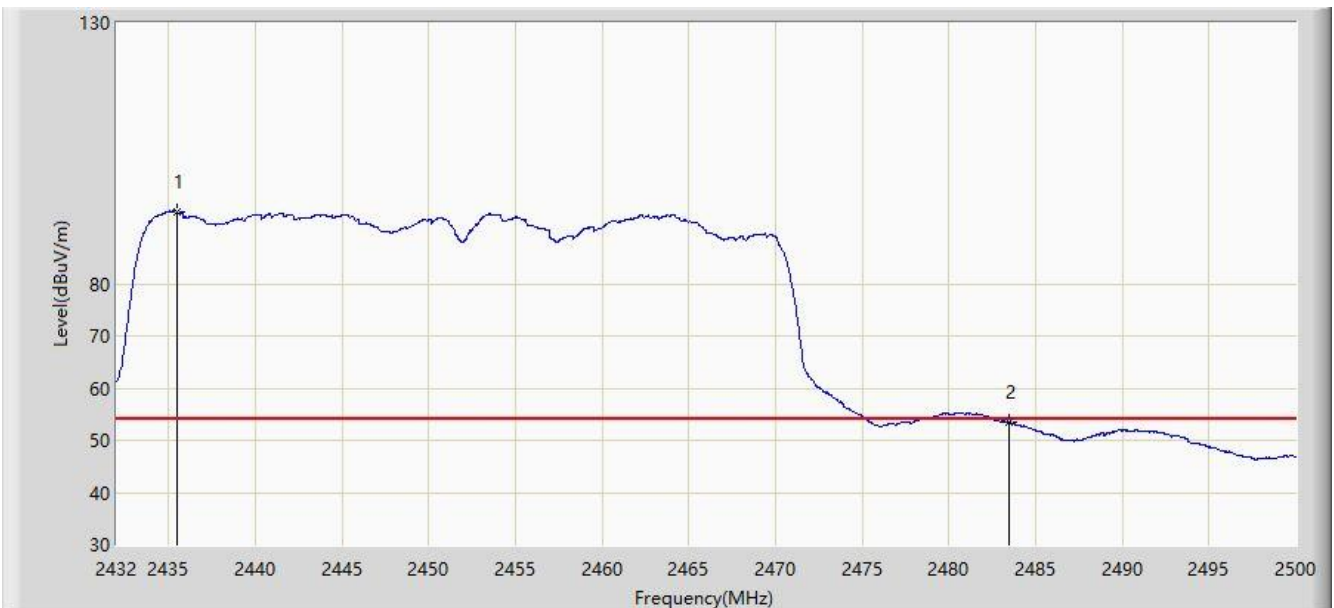


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2444.886        | 104.123                | 74.398               | N/A         | N/A            | 29.725      | PK   |
| 2  |      |      | 2483.500        | 66.516                 | 36.742               | -7.484      | 74.000         | 29.774      | PK   |
| 3  |      |      | 2483.850        | 67.415                 | 37.641               | -6.585      | 74.000         | 29.774      | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2019/10/05 - 16:38 |
| Limit: FCC_Part15.209(3m)                              | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: HAN Access Point                                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz |                          |

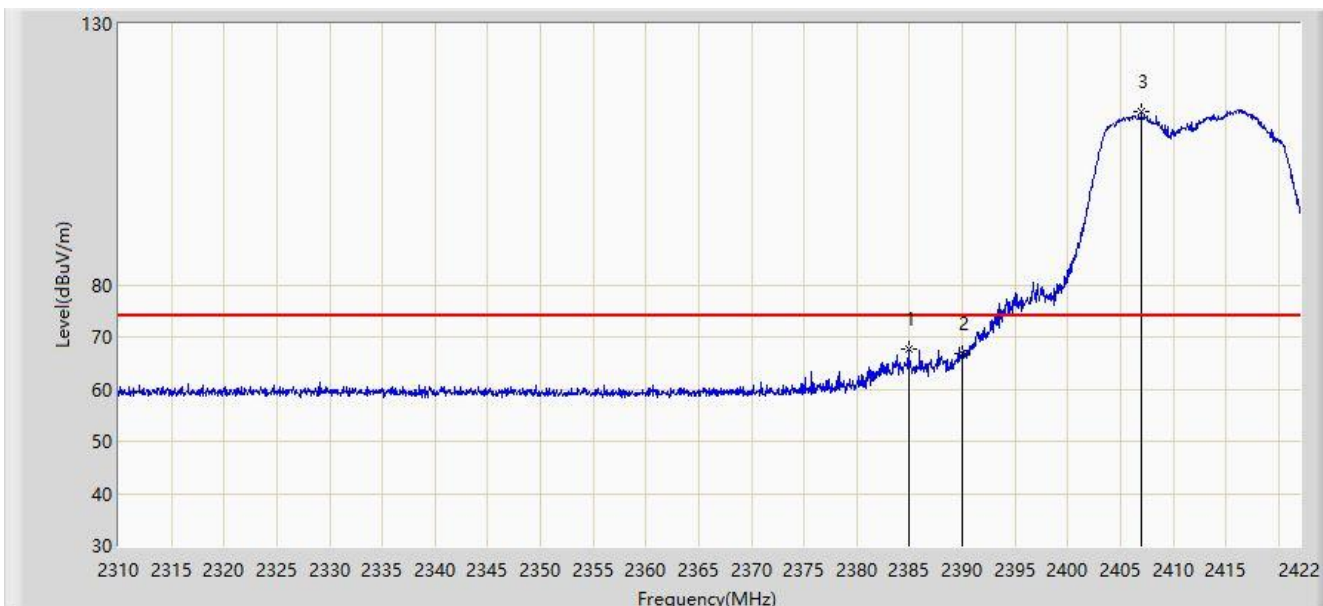


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 2435.468        | 93.832                 | 64.084               | N/A         | N/A            | 29.748      | AV   |
| 2  |      |      | 2483.500        | 53.436                 | 23.662               | -0.564      | 54.000         | 29.774      | AV   |

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

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

|                                                       |                          |
|-------------------------------------------------------|--------------------------|
| Site: AC1                                             | Time: 2019/10/19 - 05:03 |
| Limit: FCC_Part15.209(3m)                             | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                              | Polarity: Horizontal     |
| EUT: HAN Access Point                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11VHT20 at Channel 2412MHz |                          |

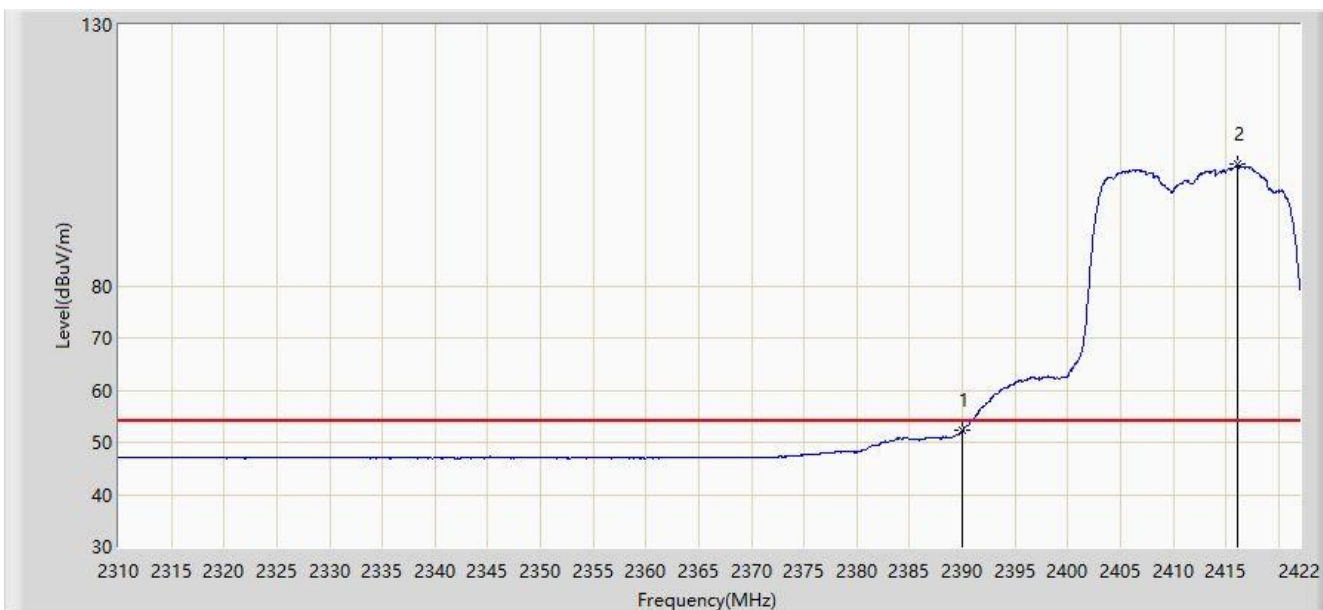


| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | 2384.928        | 67.598                 | 35.176               | -6.402      | 74.000         | 32.422      | PK   |
| 2  |      | 2390.000        | 66.780                 | 34.367               | -7.220      | 74.000         | 32.413      | PK   |
| 3  | *    | 2406.992        | 113.325                | 80.935               | N/A         | N/A            | 32.390      | PK   |

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

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

|                                                       |                          |
|-------------------------------------------------------|--------------------------|
| Site: AC1                                             | Time: 2019/10/19 - 05:04 |
| Limit: FCC_Part15.209(3m)                             | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                              | Polarity: Horizontal     |
| EUT: HAN Access Point                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11VHT20 at Channel 2412MHz |                          |

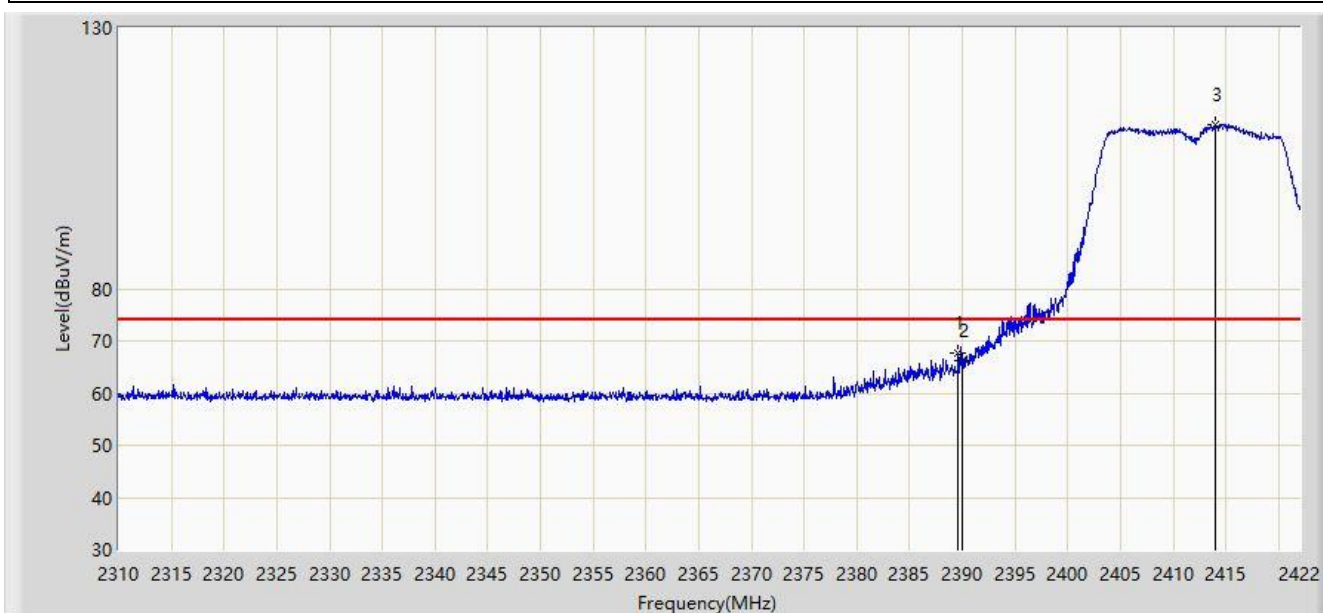


| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | 2390.000        | 52.251                 | 19.838               | -1.749      | 54.000         | 32.413      | AV   |
| 2  | *    | 2416.064        | 103.198                | 70.818               | N/A         | N/A            | 32.379      | AV   |

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

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

|                                                       |                          |
|-------------------------------------------------------|--------------------------|
| Site: AC1                                             | Time: 2019/10/19 - 05:02 |
| Limit: FCC_Part15.209(3m)                             | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                              | Polarity: Vertical       |
| EUT: HAN Access Point                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11VHT20 at Channel 2412MHz |                          |

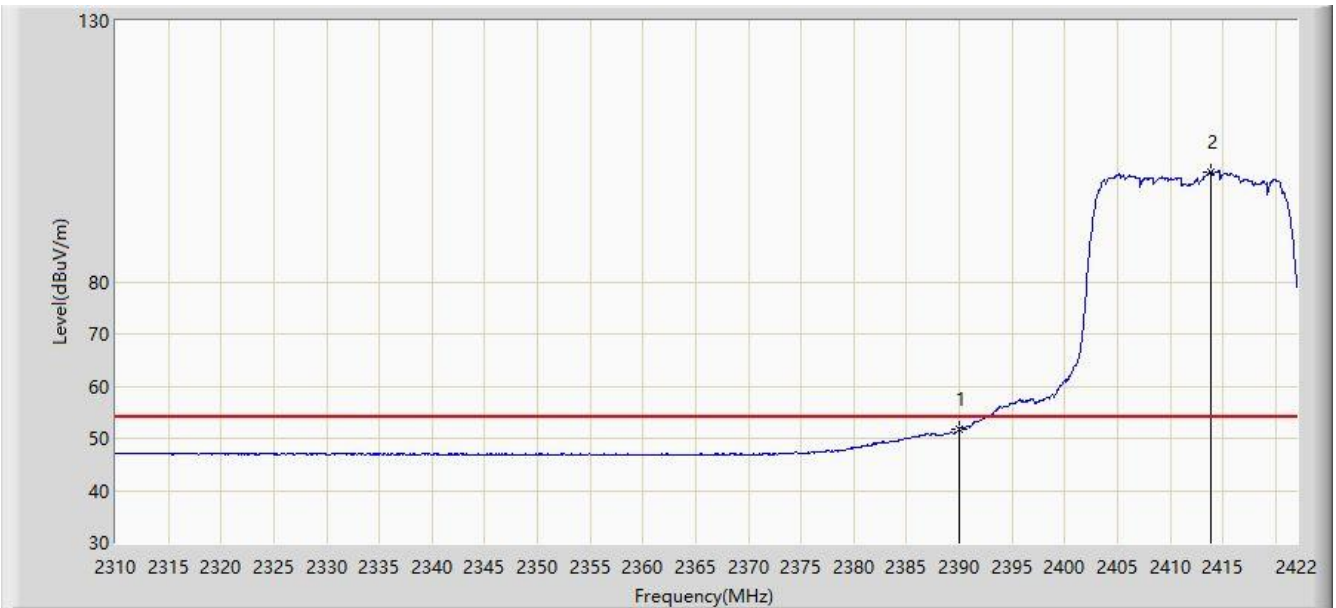


| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | 2389.632        | 67.612                 | 35.199               | -6.388      | 74.000         | 32.414      | PK   |
| 2  |      | 2390.000        | 66.127                 | 33.714               | -7.873      | 74.000         | 32.413      | PK   |
| 3  | *    | 2413.936        | 111.554                | 79.172               | N/A         | N/A            | 32.382      | PK   |

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

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

|                                                       |                          |
|-------------------------------------------------------|--------------------------|
| Site: AC1                                             | Time: 2019/10/19 - 04:59 |
| Limit: FCC_Part15.209(3m)                             | Engineer: Bacon Dong     |
| Probe: BBHA9120D_1-18GHz                              | Polarity: Vertical       |
| EUT: HAN Access Point                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11VHT20 at Channel 2412MHz |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | 2390.000        | 51.831                 | 19.418               | -2.169      | 54.000         | 32.413      | AV   |
| 2  | *    | 2413.824        | 100.982                | 68.600               | N/A         | N/A            | 32.382      | AV   |

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

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