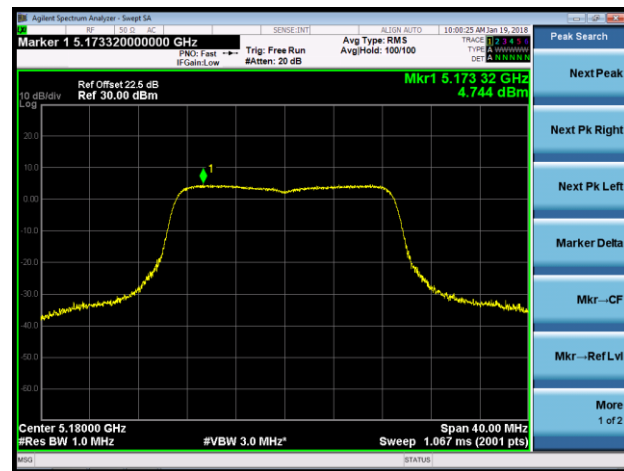
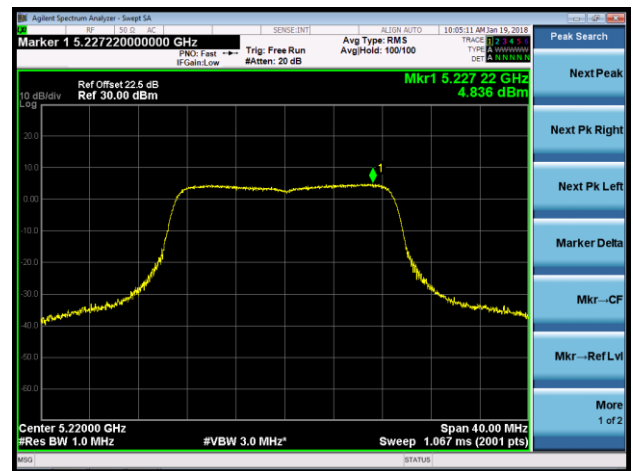


## 802.11n-HT20 Power Spectral Density

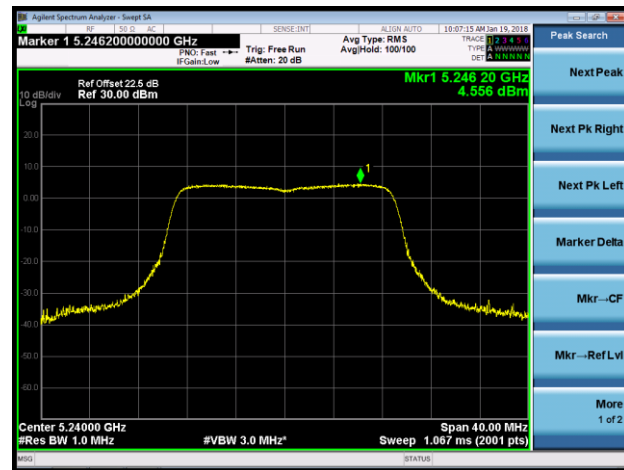
Channel 36 (5180MHz)



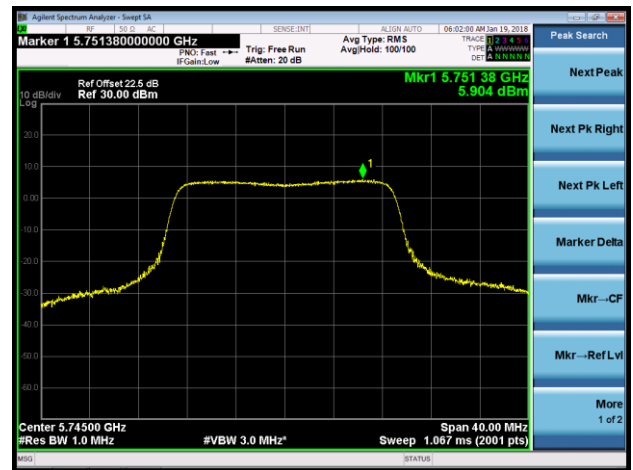
Channel 44 (5220MHz)



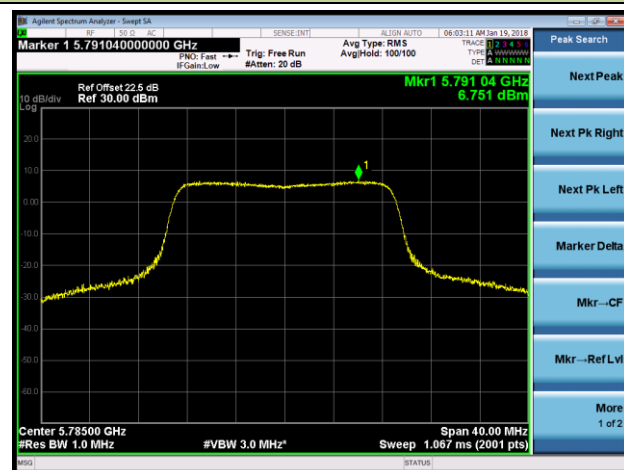
Channel 48 (5240MHz)



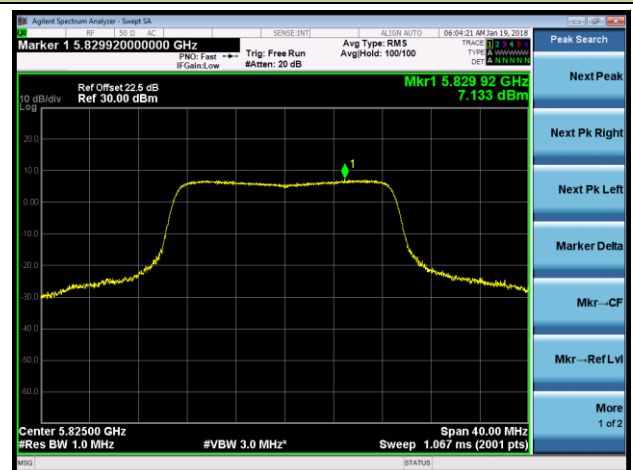
Channel 149 (5745MHz)



Channel 157 (5785MHz)

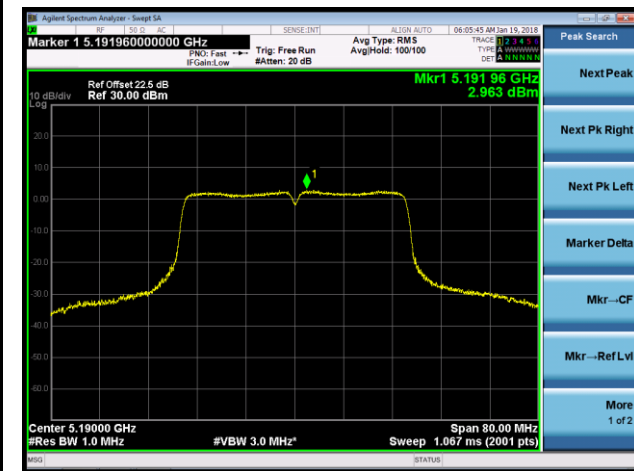


Channel 165 (5825MHz)

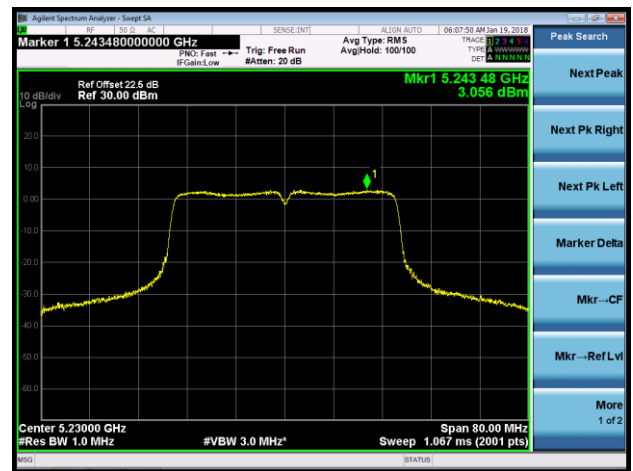


## 802.11n-HT40 Power Spectral Density

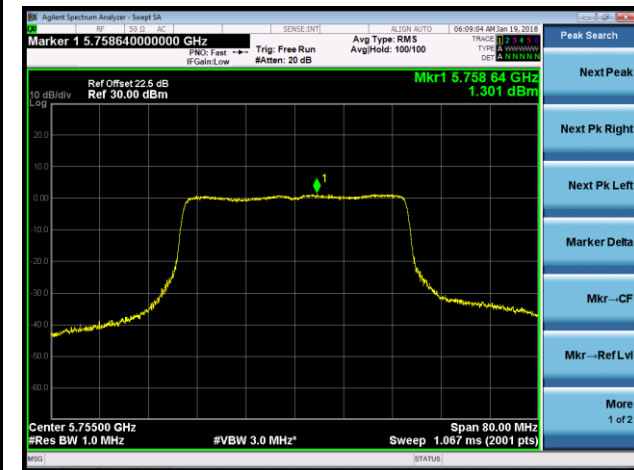
## Channel 38 (5190MHz)



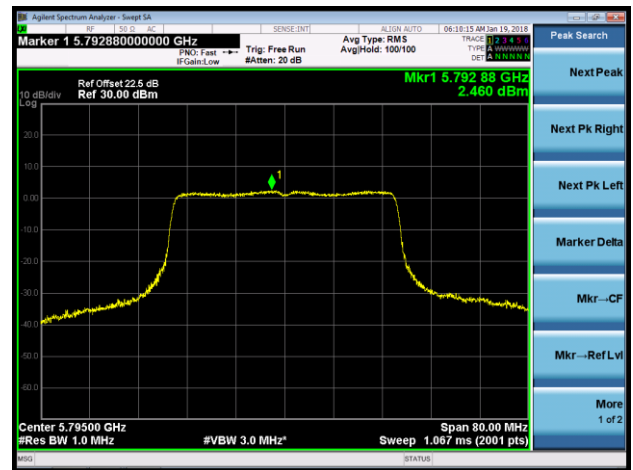
## Channel 46 (5230MHz)



## Channel 151 (5755MHz)

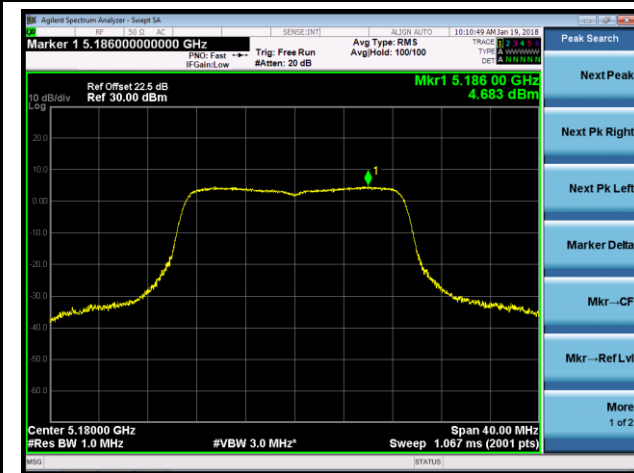


## Channel 159 (5795MHz)

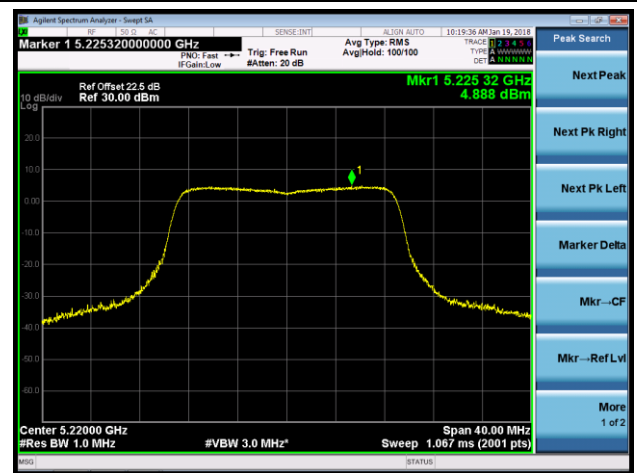


## 802.11ac-VHT20 Power Spectral Density

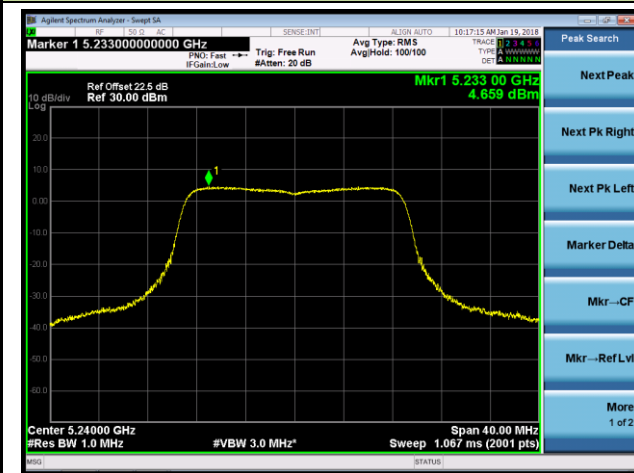
Channel 36 (5180MHz)



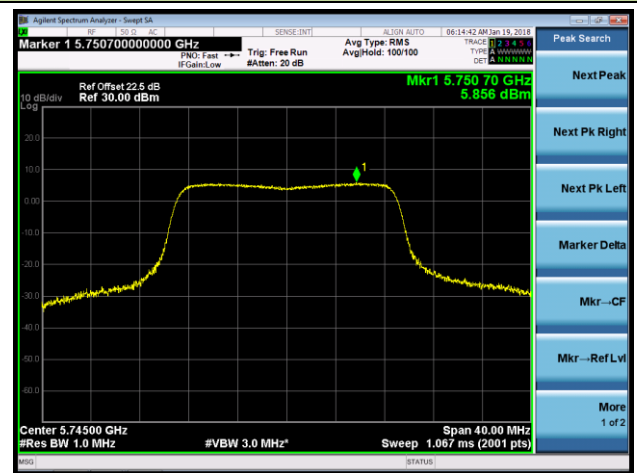
Channel 44 (5220MHz)



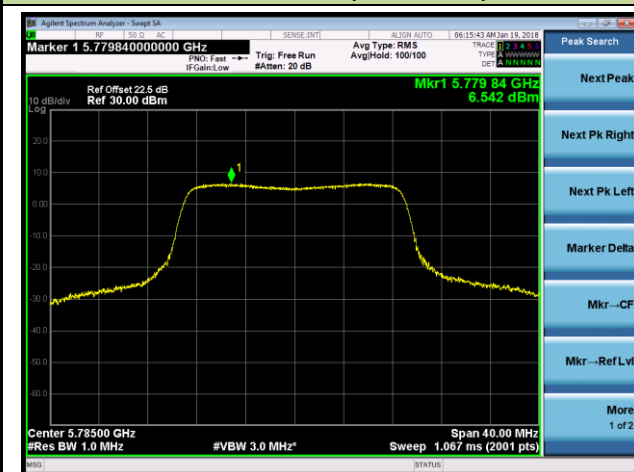
Channel 48 (5240MHz)



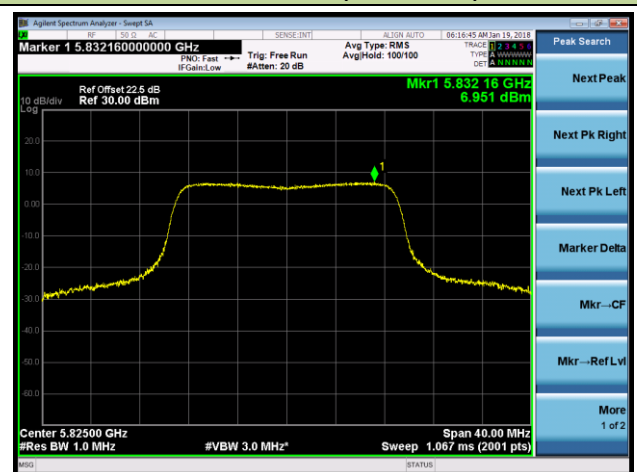
Channel 149 (5745MHz)



Channel 157 (5785MHz)

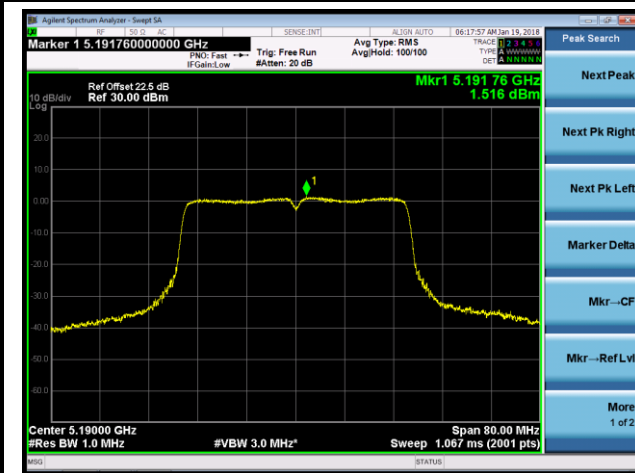


Channel 165 (5825MHz)

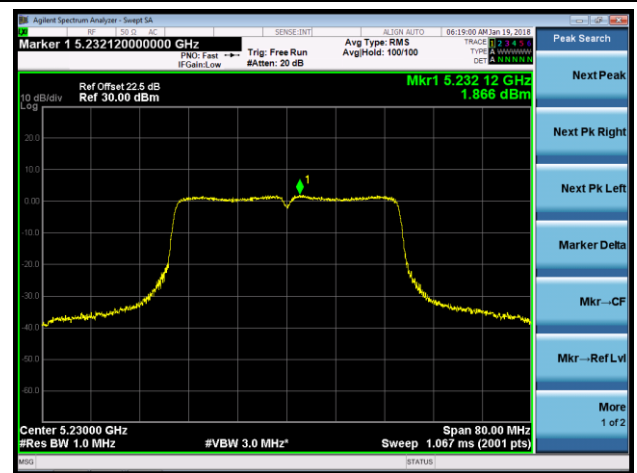


## 802.11ac-VHT40 Power Spectral Density

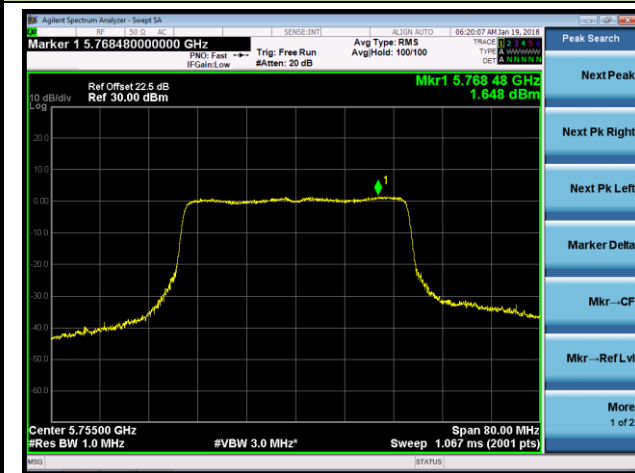
## Channel 38 (5190MHz)



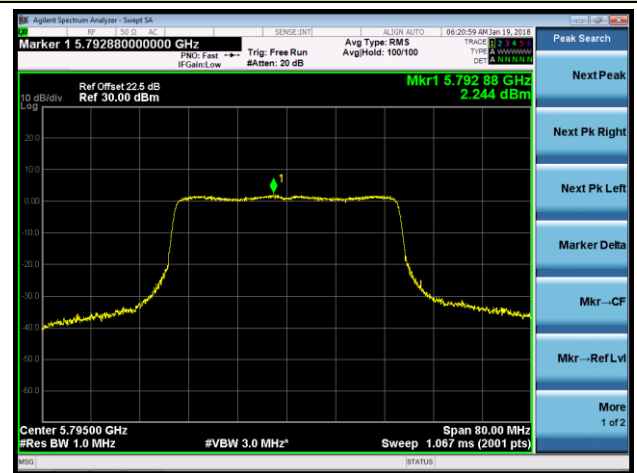
## Channel 46 (5230MHz)



## Channel 151 (5755MHz)

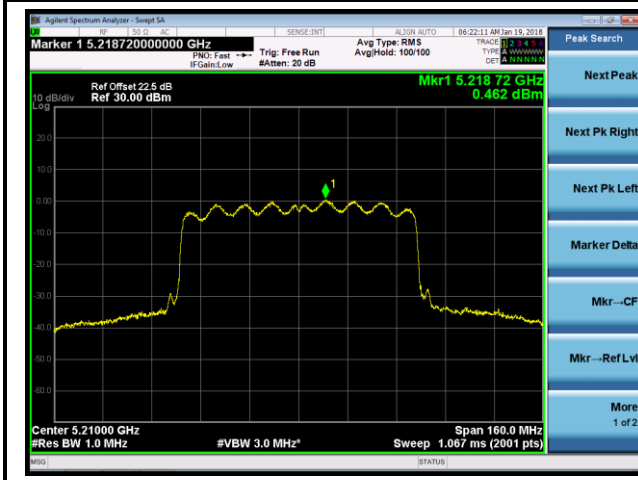


## Channel 159 (5795MHz)

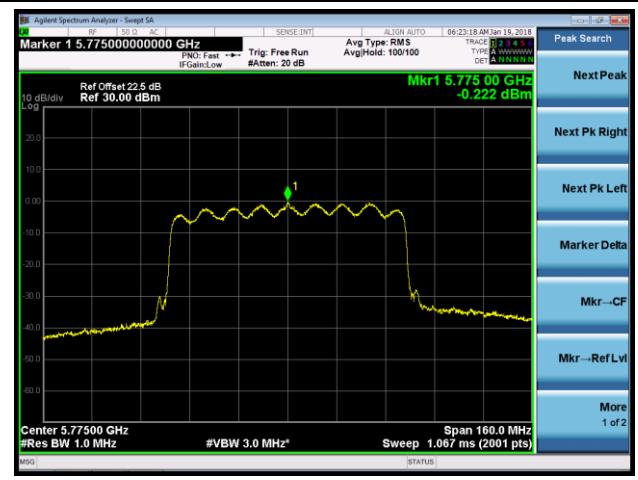


## 802.11ac-VHT80 Power Spectral Density

## Channel 42 (5210MHz)



## Channel 155 (5775MHz)



## 7.6. Frequency Stability Measurement

### 7.6.1. Test Limit

The transmitter center frequency tolerance shall be  $\pm 20$  ppm maximum for the 5GHz band (IEEE 802.11 specification).

### 7.6.2. Test Procedure Used

#### Frequency Stability Under Temperature Variations:

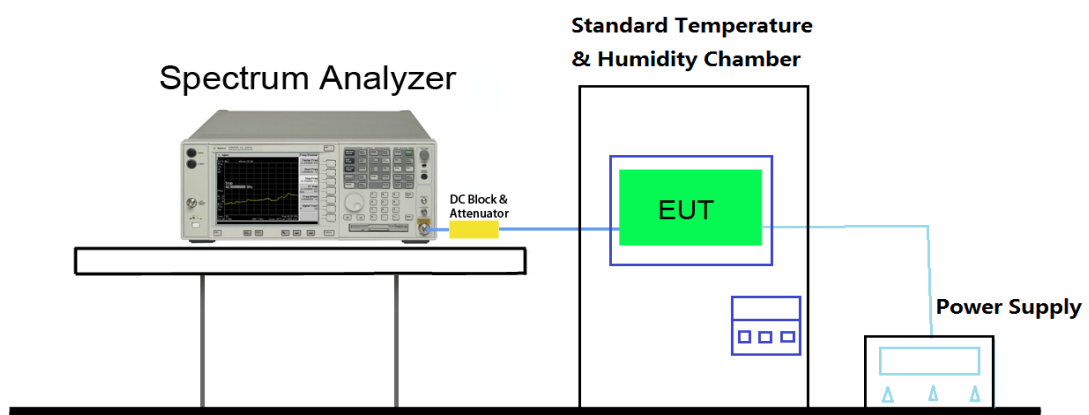
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

#### Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ( $\pm 15\%$ ) and endpoint, record the maximum frequency change.

### 7.6.3. Test Setup



#### 7.6.4. Test Result

|               |                                       |                   |            |
|---------------|---------------------------------------|-------------------|------------|
| Product       | Speed Dome Camera<br>(1080P WiFi PTZ) | Temperature       | -30 ~ 50°C |
| Test Engineer | Ben Zhu                               | Relative Humidity | 46 ~ 66%   |
| Test Site     | TR3                                   | Test Date         | 2018/01/19 |

| Voltage<br>(%) | Power<br>(VAC) | Temp<br>(°C) | Frequency Tolerance (ppm) |           |           |            |
|----------------|----------------|--------------|---------------------------|-----------|-----------|------------|
|                |                |              | 0 minutes                 | 2 minutes | 5 minutes | 10 minutes |
| 100%           | 120            | - 30         | 4.76                      | 5.74      | 5.44      | 6.48       |
|                |                | - 20         | 4.63                      | 4.78      | 5.37      | 4.41       |
|                |                | - 10         | 6.53                      | 7.03      | 6.06      | 6          |
|                |                | 0            | 4.6                       | 5.55      | 4.07      | 6.85       |
|                |                | + 10         | 7.02                      | 6.8       | 6.79      | 5.45       |
|                |                | + 20 (Ref)   | 2.05                      | 2.25      | 4.24      | 3.49       |
|                |                | + 30         | 1.45                      | 0.49      | 1.5       | -0.54      |
|                |                | + 40         | -0.47                     | -0.36     | -1.01     | 0.85       |
|                |                | + 50         | -1.33                     | -1.04     | -1.55     | -2.31      |
| 115%           | 138            | + 20         | 1.51                      | 1.08      | 0.41      | -1.69      |
| 85%            | 102            | + 20         | -1.41                     | 0.45      | -1.95     | -2.22      |

Note: Frequency Tolerance (ppm) =  $\{[\text{Measured Frequency (Hz)} - \text{Declared Frequency (Hz)}] / \text{Declared Frequency (Hz)}\} \times 10^6$ .

## 7.7. Radiated Spurious Emission Measurement

### 7.7.1. 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.

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen Issue 4 must not exceed the limits shown in Table per Section 8.9.

| FCC Part 15 Subpart C Paragraph 15.209 & RSS-Gen Issue4 Section 8.9 |                       |                            |
|---------------------------------------------------------------------|-----------------------|----------------------------|
| 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 6.4 (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)

### **7.7.3.Test Setting**

#### **Quasi-Peak& Average Measurements below30MHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. Trace was allowed to stabilize

#### **Quasi-Peak Measurements below 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

#### **Peak Measurements above 1GHz**

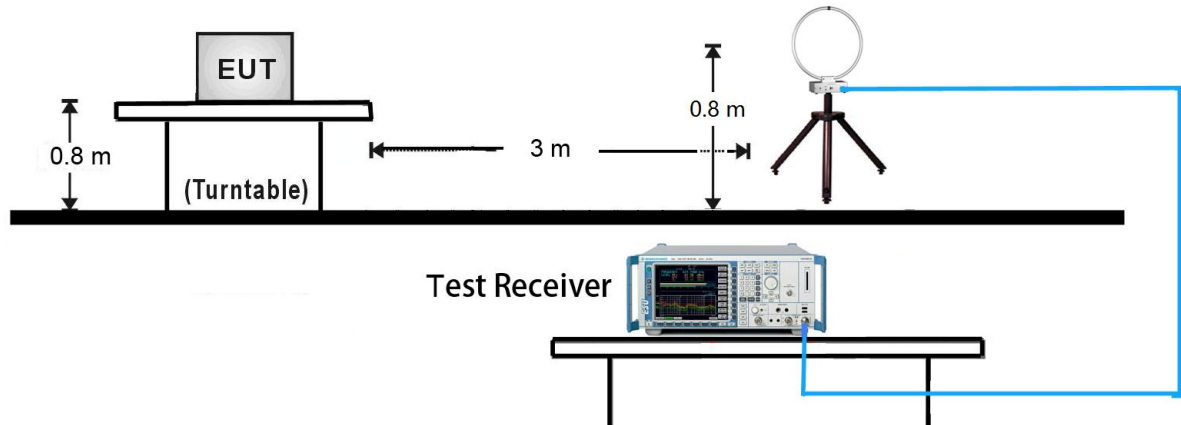
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

#### **Average Measurements above 1GHz (Method AD)**

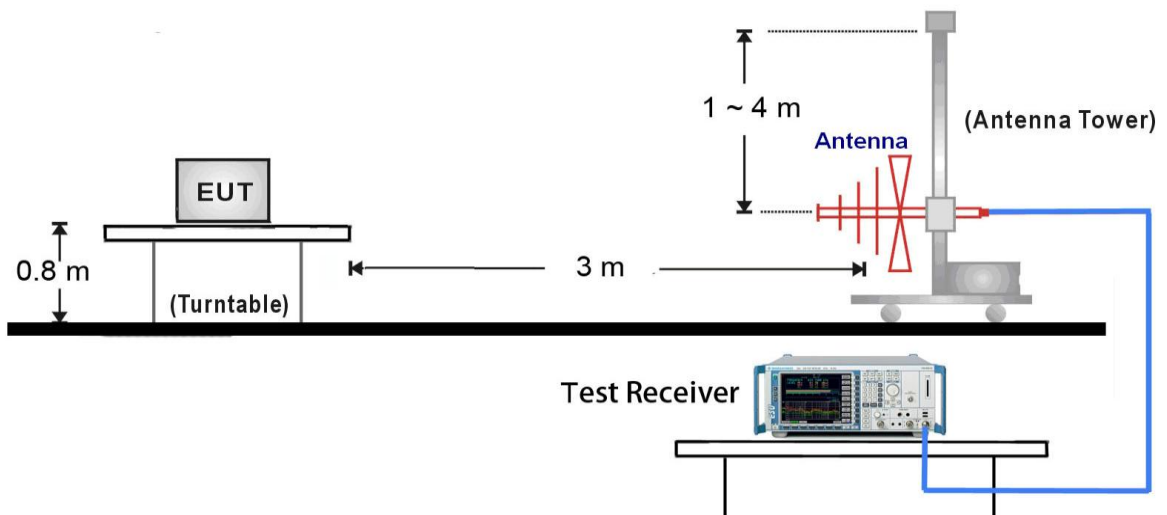
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be  $> 2 \times \text{span/RBW}$ )
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

### 7.7.4. Test Setup

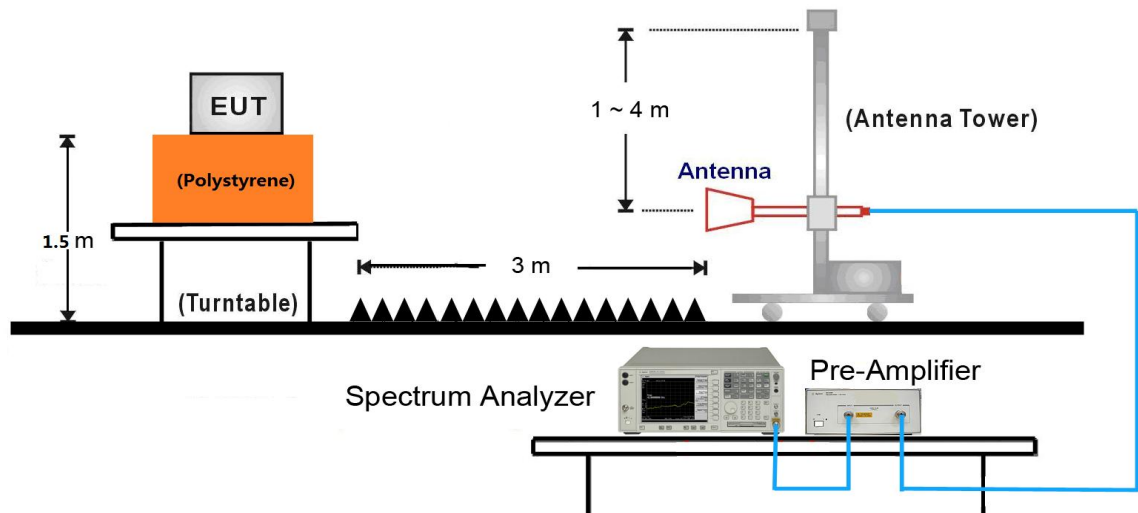
#### 9kHz ~ 30MHz Test Setup:



#### 30MHz ~ 1GHz Test Setup:



#### 1GHz ~ 40GHz Test Setup:



### 7.7.5. Test Result

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11a                                                                                                                                                                           | Test Channel:     | 36         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7477.0             | 33.3                       | 14.0           | 47.3                         | 74.0              | -26.7          | Peak     | Horizontal   |
| *    | 10350.0            | 32.1                       | 18.5           | 50.6                         | 74.0              | -23.4          | Peak     | Horizontal   |
| *    | 13605.5            | 29.4                       | 23.1           | 52.5                         | 74.0              | -21.5          | Peak     | Horizontal   |
|      | 15713.5            | 32.4                       | 21.3           | 53.7                         | 74.0              | -20.3          | Peak     | Horizontal   |
|      | 7341.0             | 33.8                       | 13.9           | 47.7                         | 74.0              | -26.3          | Peak     | Vertical     |
| *    | 10520.0            | 32.1                       | 18.9           | 51.0                         | 74.0              | -23.0          | Peak     | Vertical     |
| *    | 13622.5            | 30.0                       | 23.2           | 53.2                         | 74.0              | -20.8          | Peak     | Vertical     |
|      | 15730.5            | 32.4                       | 21.4           | 53.8                         | 74.0              | -20.2          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11a                                                                                                                                                                           | Test Channel:     | 44         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7485.5             | 33.4                       | 14.0           | 47.4                         | 74.0              | -26.6          | Peak     | Horizontal   |
| *    | 10282.0            | 32.5                       | 18.3           | 50.8                         | 74.0              | -23.2          | Peak     | Horizontal   |
| *    | 13767.0            | 29.5                       | 23.0           | 52.5                         | 74.0              | -21.5          | Peak     | Horizontal   |
|      | 15739.0            | 32.3                       | 21.5           | 53.8                         | 74.0              | -20.2          | Peak     | Horizontal   |
|      | 7375.0             | 38.4                       | 13.9           | 52.3                         | 74.0              | -21.7          | Peak     | Vertical     |
|      | 7406.9             | 27.0                       | 13.9           | 40.9                         | 54.0              | -13.1          | Average  | Vertical     |
| *    | 10537.0            | 32.5                       | 18.9           | 51.4                         | 74.0              | -22.6          | Peak     | Vertical     |
| *    | 13792.5            | 29.7                       | 23.3           | 53.0                         | 74.0              | -21.0          | Peak     | Vertical     |
|      | 15679.5            | 32.5                       | 21.1           | 53.6                         | 74.0              | -20.4          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11a                                                                                                                                                                           | Test Channel:     | 48         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7434.5             | 36.4                       | 14.3           | 50.7                         | 74.0              | -23.3          | Peak     | Horizontal   |
| *    | 10477.5            | 32.2                       | 18.8           | 51.0                         | 74.0              | -23.0          | Peak     | Horizontal   |
| *    | 13673.5            | 29.7                       | 22.7           | 52.4                         | 74.0              | -21.6          | Peak     | Horizontal   |
|      | 15883.5            | 32.0                       | 21.6           | 53.6                         | 74.0              | -20.4          | Peak     | Horizontal   |
|      | 7434.5             | 38.4                       | 14.3           | 52.7                         | 74.0              | -21.3          | Peak     | Vertical     |
| *    | 10494.5            | 31.6                       | 18.9           | 50.5                         | 74.0              | -23.5          | Peak     | Vertical     |
| *    | 13699.0            | 29.5                       | 23.0           | 52.5                         | 74.0              | -21.5          | Peak     | Vertical     |
|      | 15866.5            | 32.2                       | 21.7           | 53.9                         | 74.0              | -20.1          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11a                                                                                                                                                                           | Test Channel:     | 149        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7562.0             | 35.1                       | 14.1           | 49.2                         | 74.0              | -24.8          | Peak     | Horizontal   |
|      | 11497.5            | 33.3                       | 20.6           | 53.9                         | 74.0              | -20.1          | Peak     | Horizontal   |
| *    | 13563.0            | 29.6                       | 23.0           | 52.6                         | 74.0              | -21.4          | Peak     | Horizontal   |
| *    | 16308.5            | 31.4                       | 22.3           | 53.7                         | 74.0              | -20.3          | Peak     | Horizontal   |
|      | 7468.5             | 36.7                       | 14.1           | 50.8                         | 74.0              | -23.2          | Peak     | Vertical     |
|      | 11540.0            | 31.5                       | 20.9           | 52.4                         | 74.0              | -21.6          | Peak     | Vertical     |
| *    | 13860.5            | 29.1                       | 23.7           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |
| *    | 16444.5            | 31.0                       | 22.4           | 53.4                         | 74.0              | -20.6          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11a                                                                                                                                                                           | Test Channel:     | 157        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7451.5             | 35.6                       | 14.3           | 49.9                         | 74.0              | -24.1          | Peak     | Horizontal   |
|      | 11565.5            | 35.3                       | 20.8           | 56.1                         | 74.0              | -17.9          | Peak     | Horizontal   |
|      | 11569.2            | 20.2                       | 20.8           | 41.0                         | 54.0              | -13.0          | Average  | Horizontal   |
| *    | 13656.5            | 29.3                       | 22.9           | 52.2                         | 74.0              | -21.8          | Peak     | Horizontal   |
| *    | 16444.5            | 30.9                       | 22.4           | 53.3                         | 74.0              | -20.7          | Peak     | Horizontal   |
|      | 7426.0             | 37.7                       | 14.2           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |
|      | 11565.5            | 34.2                       | 20.8           | 55.0                         | 74.0              | -19.0          | Peak     | Vertical     |
|      | 11569.7            | 24.8                       | 20.8           | 45.6                         | 54.0              | -8.4           | Average  | Vertical     |
| *    | 13869.0            | 29.6                       | 23.6           | 53.2                         | 74.0              | -20.8          | Peak     | Vertical     |
| *    | 16359.5            | 31.1                       | 22.4           | 53.5                         | 74.0              | -20.5          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11a                                                                                                                                                                           | Test Channel:     | 165        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7451.5             | 35.6                       | 14.3           | 49.9                         | 74.0              | -24.1          | Peak     | Horizontal   |
|      | 11565.5            | 35.3                       | 20.8           | 56.1                         | 74.0              | -17.9          | Peak     | Horizontal   |
|      | 11569.2            | 20.2                       | 20.8           | 41.0                         | 54.0              | -13.0          | Average  | Horizontal   |
| *    | 13656.5            | 29.3                       | 22.9           | 52.2                         | 74.0              | -21.8          | Peak     | Horizontal   |
| *    | 16444.5            | 30.9                       | 22.4           | 53.3                         | 74.0              | -20.7          | Peak     | Horizontal   |
|      | 7426.0             | 37.7                       | 14.2           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |
|      | 11565.5            | 34.2                       | 20.8           | 55.0                         | 74.0              | -19.0          | Peak     | Vertical     |
|      | 11569.7            | 24.8                       | 20.8           | 45.6                         | 54.0              | -8.4           | Average  | Vertical     |
| *    | 13869.0            | 29.6                       | 23.6           | 53.2                         | 74.0              | -20.8          | Peak     | Vertical     |
| *    | 16359.5            | 31.1                       | 22.4           | 53.5                         | 74.0              | -20.5          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT20                                                                                                                                                                      | Test Channel:     | 36         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7545.0             | 35.9                       | 14.4           | 50.3                         | 74.0              | -23.7          | Peak     | Horizontal   |
| *    | 10384.0            | 32.1                       | 18.8           | 50.9                         | 74.0              | -23.1          | Peak     | Horizontal   |
| *    | 13682.0            | 29.9                       | 22.6           | 52.5                         | 74.0              | -21.5          | Peak     | Horizontal   |
|      | 16062.0            | 30.8                       | 21.2           | 52.0                         | 74.0              | -22.0          | Peak     | Horizontal   |
|      | 7400.5             | 38.2                       | 13.9           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |
| *    | 10273.5            | 32.4                       | 18.3           | 50.7                         | 74.0              | -23.3          | Peak     | Vertical     |
| *    | 13886.0            | 29.1                       | 23.7           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |
|      | 15662.5            | 30.7                       | 21.2           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT20                                                                                                                                                                      | Test Channel:     | 44         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7417.5             | 36.1                       | 14.1           | 50.2                         | 74.0              | -23.8          | Peak     | Horizontal   |
| *    | 10494.5            | 32.2                       | 18.9           | 51.1                         | 74.0              | -22.9          | Peak     | Horizontal   |
| *    | 13563.0            | 29.1                       | 23.0           | 52.1                         | 74.0              | -21.9          | Peak     | Horizontal   |
|      | 15849.5            | 31.1                       | 21.7           | 52.8                         | 74.0              | -21.2          | Peak     | Horizontal   |
|      | 7366.5             | 38.7                       | 13.9           | 52.6                         | 74.0              | -21.4          | Peak     | Vertical     |
| *    | 10239.5            | 33.4                       | 18.1           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |
| *    | 13571.5            | 29.1                       | 22.9           | 52.0                         | 74.0              | -22.0          | Peak     | Vertical     |
|      | 15705.0            | 31.2                       | 21.2           | 52.4                         | 74.0              | -21.6          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT20                                                                                                                                                                      | Test Channel:     | 48         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7417.5             | 35.9                       | 14.1           | 50.0                         | 74.0              | -24.0          | Peak     | Horizontal   |
| *    | 10273.5            | 32.7                       | 18.3           | 51.0                         | 74.0              | -23.0          | Peak     | Horizontal   |
| *    | 13673.5            | 29.6                       | 22.7           | 52.3                         | 74.0              | -21.7          | Peak     | Horizontal   |
|      | 15849.5            | 30.2                       | 21.7           | 51.9                         | 74.0              | -22.1          | Peak     | Horizontal   |
|      | 7417.5             | 38.5                       | 14.1           | 52.6                         | 74.0              | -21.4          | Peak     | Vertical     |
| *    | 10511.5            | 31.3                       | 18.9           | 50.2                         | 74.0              | -23.8          | Peak     | Vertical     |
| *    | 13877.5            | 29.1                       | 23.7           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |
|      | 16062.0            | 30.3                       | 21.2           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT20                                                                                                                                                                      | Test Channel:     | 149        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7426.0             | 35.8                       | 14.2           | 50.0                         | 74.0              | -24.0          | Peak     | Horizontal   |
|      | 11489.0            | 32.8                       | 20.6           | 53.4                         | 74.0              | -20.6          | Peak     | Horizontal   |
|      | 11490.8            | 22.0                       | 20.6           | 42.6                         | 54.0              | -11.4          | Average  | Horizontal   |
| *    | 13554.5            | 29.3                       | 23.1           | 52.4                         | 74.0              | -21.6          | Peak     | Horizontal   |
| *    | 16215.0            | 30.4                       | 21.9           | 52.3                         | 74.0              | -21.7          | Peak     | Horizontal   |
|      | 7417.5             | 38.7                       | 14.1           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |
|      | 11480.5            | 31.4                       | 20.6           | 52.0                         | 74.0              | -22.0          | Peak     | Vertical     |
| *    | 13648.0            | 29.2                       | 23.0           | 52.2                         | 74.0              | -21.8          | Peak     | Vertical     |
| *    | 16478.5            | 31.3                       | 22.5           | 53.8                         | 74.0              | -20.2          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT20                                                                                                                                                                      | Test Channel:     | 157        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7341.0             | 35.6                       | 13.9           | 49.5                         | 74.0              | -24.5          | Peak     | Horizontal   |
|      | 11574.0            | 33.9                       | 20.8           | 54.7                         | 74.0              | -19.3          | Peak     | Horizontal   |
|      | 11575.8            | 23.4                       | 20.8           | 44.2                         | 54.0              | -9.8           | Average  | Horizontal   |
| *    | 13775.5            | 29.7                       | 23.1           | 52.8                         | 74.0              | -21.2          | Peak     | Horizontal   |
| *    | 16393.5            | 31.1                       | 22.3           | 53.4                         | 74.0              | -20.6          | Peak     | Horizontal   |
|      | 7443.0             | 37.6                       | 14.3           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |
|      | 11569.2            | 24.2                       | 20.8           | 45.0                         | 54.0              | -9.0           | Average  | Vertical     |
|      | 11574.0            | 34.8                       | 20.8           | 55.6                         | 74.0              | -18.4          | Peak     | Vertical     |
| *    | 13682.0            | 29.7                       | 22.6           | 52.3                         | 74.0              | -21.7          | Peak     | Vertical     |
| *    | 16427.5            | 31.4                       | 22.3           | 53.7                         | 74.0              | -20.3          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT20                                                                                                                                                                      | Test Channel:     | 165        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7426.0             | 36.1                       | 14.2           | 50.3                         | 74.0              | -23.7          | Peak     | Horizontal   |
|      | 11650.2            | 23.9                       | 21.0           | 44.9                         | 54.0              | -9.1           | Average  | Horizontal   |
|      | 11650.5            | 33.8                       | 21.0           | 54.8                         | 74.0              | -19.2          | Peak     | Horizontal   |
| *    | 13682.0            | 30.1                       | 22.6           | 52.7                         | 74.0              | -21.3          | Peak     | Horizontal   |
| *    | 16393.5            | 31.3                       | 22.3           | 53.6                         | 74.0              | -20.4          | Peak     | Horizontal   |
|      | 7324.0             | 38.3                       | 13.8           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |
|      | 11649.9            | 24.2                       | 21.0           | 45.2                         | 54.0              | -8.8           | Average  | Vertical     |
|      | 11650.5            | 33.5                       | 21.0           | 54.5                         | 74.0              | -19.5          | Peak     | Vertical     |
| *    | 13673.5            | 29.6                       | 22.7           | 52.3                         | 74.0              | -21.7          | Peak     | Vertical     |
| *    | 16410.5            | 31.1                       | 22.3           | 53.4                         | 74.0              | -20.6          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT40                                                                                                                                                                      | Test Channel:     | 38         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7324.0             | 36.1                       | 13.8           | 49.9                         | 74.0              | -24.1          | Peak     | Horizontal   |
| *    | 10265.0            | 33.4                       | 18.2           | 51.6                         | 74.0              | -22.4          | Peak     | Horizontal   |
| *    | 13673.5            | 29.8                       | 22.7           | 52.5                         | 74.0              | -21.5          | Peak     | Horizontal   |
|      | 16019.5            | 30.7                       | 21.1           | 51.8                         | 74.0              | -22.2          | Peak     | Horizontal   |
|      | 7545.0             | 34.0                       | 14.4           | 48.4                         | 74.0              | -25.6          | Peak     | Vertical     |
| *    | 10375.5            | 31.1                       | 18.7           | 49.8                         | 74.0              | -24.2          | Peak     | Vertical     |
| *    | 13537.5            | 28.4                       | 23.2           | 51.6                         | 74.0              | -22.4          | Peak     | Vertical     |
|      | 15705.0            | 30.9                       | 21.2           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT40                                                                                                                                                                      | Test Channel:     | 46         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7553.5             | 35.9                       | 14.3           | 50.2                         | 74.0              | -23.8          | Peak     | Horizontal   |
| *    | 10469.0            | 31.8                       | 18.7           | 50.5                         | 74.0              | -23.5          | Peak     | Horizontal   |
| *    | 13554.5            | 29.1                       | 23.1           | 52.2                         | 74.0              | -21.8          | Peak     | Horizontal   |
|      | 15671.0            | 30.8                       | 21.1           | 51.9                         | 74.0              | -22.1          | Peak     | Horizontal   |
|      | 7426.0             | 38.6                       | 14.2           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |
| *    | 10435.0            | 32.1                       | 18.4           | 50.5                         | 74.0              | -23.5          | Peak     | Vertical     |
| *    | 13682.0            | 29.8                       | 22.6           | 52.4                         | 74.0              | -21.6          | Peak     | Vertical     |
|      | 15654.0            | 31.0                       | 21.2           | 52.2                         | 74.0              | -21.8          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT40                                                                                                                                                                      | Test Channel:     | 151        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7460.0             | 35.6                       | 14.2           | 49.8                         | 74.0              | -24.2          | Peak     | Horizontal   |
|      | 11514.5            | 31.1                       | 20.6           | 51.7                         | 74.0              | -22.3          | Peak     | Horizontal   |
| *    | 13673.5            | 29.9                       | 22.7           | 52.6                         | 74.0              | -21.4          | Peak     | Horizontal   |
| *    | 16385.0            | 31.2                       | 22.3           | 53.5                         | 74.0              | -20.5          | Peak     | Horizontal   |
|      | 7519.5             | 37.2                       | 14.4           | 51.6                         | 74.0              | -22.4          | Peak     | Vertical     |
|      | 11506.0            | 31.1                       | 20.6           | 51.7                         | 74.0              | -22.3          | Peak     | Vertical     |
| *    | 13869.0            | 29.3                       | 23.6           | 52.9                         | 74.0              | -21.1          | Peak     | Vertical     |
| *    | 16427.5            | 31.4                       | 22.3           | 53.7                         | 74.0              | -20.3          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11n-HT40                                                                                                                                                                      | Test Channel:     | 159        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7400.5             | 36.3                       | 13.9           | 50.2                         | 74.0              | -23.8          | Peak     | Horizontal   |
|      | 11574.0            | 33.1                       | 20.8           | 53.9                         | 74.0              | -20.1          | Peak     | Horizontal   |
|      | 11587.2            | 21.2                       | 20.7           | 41.9                         | 54.0              | -12.1          | Average  | Horizontal   |
| *    | 13673.5            | 29.7                       | 22.7           | 52.4                         | 74.0              | -21.6          | Peak     | Horizontal   |
| *    | 16504.0            | 31.1                       | 22.6           | 53.7                         | 74.0              | -20.3          | Peak     | Horizontal   |
|      | 7434.5             | 37.2                       | 14.3           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |
|      | 11591.0            | 33.8                       | 20.7           | 54.5                         | 74.0              | -19.5          | Peak     | Vertical     |
|      | 11590.2            | 22.6                       | 20.7           | 43.3                         | 54.0              | -10.7          | Average  | Vertical     |
| *    | 13869.0            | 29.5                       | 23.6           | 53.1                         | 74.0              | -20.9          | Peak     | Vertical     |
| *    | 16393.5            | 30.9                       | 22.3           | 53.2                         | 74.0              | -20.8          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT20                                                                                                                                                                    | Test Channel:     | 36         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7332.5             | 35.4                       | 13.9           | 49.3                         | 74.0              | -24.7          | Peak     | Horizontal   |
| *    | 10384.0            | 31.4                       | 18.8           | 50.2                         | 74.0              | -23.8          | Peak     | Horizontal   |
| *    | 13665.0            | 29.8                       | 22.8           | 52.6                         | 74.0              | -21.4          | Peak     | Horizontal   |
|      | 15526.5            | 30.8                       | 21.6           | 52.4                         | 74.0              | -21.6          | Peak     | Horizontal   |
|      | 7443.0             | 38.3                       | 14.3           | 52.6                         | 74.0              | -21.4          | Peak     | Vertical     |
| *    | 10350.0            | 31.7                       | 18.5           | 50.2                         | 74.0              | -23.8          | Peak     | Vertical     |
| *    | 13571.5            | 29.0                       | 22.9           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |
|      | 15790.0            | 30.4                       | 21.5           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT20                                                                                                                                                                    | Test Channel:     | 44         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7426.0             | 35.5                       | 14.2           | 49.7                         | 74.0              | -24.3          | Peak     | Horizontal   |
| *    | 10460.5            | 31.1                       | 18.6           | 49.7                         | 74.0              | -24.3          | Peak     | Horizontal   |
| *    | 13554.5            | 28.9                       | 23.1           | 52.0                         | 74.0              | -22.0          | Peak     | Horizontal   |
|      | 15569.0            | 31.2                       | 21.4           | 52.6                         | 74.0              | -21.4          | Peak     | Horizontal   |
|      | 7426.0             | 37.8                       | 14.2           | 52.0                         | 74.0              | -22.0          | Peak     | Vertical     |
| *    | 10477.5            | 32.0                       | 18.8           | 50.8                         | 74.0              | -23.2          | Peak     | Vertical     |
| *    | 13605.5            | 29.4                       | 23.1           | 52.5                         | 74.0              | -21.5          | Peak     | Vertical     |
|      | 15560.5            | 31.2                       | 21.4           | 52.6                         | 74.0              | -21.4          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT20                                                                                                                                                                    | Test Channel:     | 48         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7426.0             | 35.5                       | 14.2           | 49.7                         | 74.0              | -24.3          | Peak     | Horizontal   |
| *    | 10494.5            | 32.4                       | 18.9           | 51.3                         | 74.0              | -22.7          | Peak     | Horizontal   |
| *    | 13571.5            | 29.1                       | 22.9           | 52.0                         | 74.0              | -22.0          | Peak     | Horizontal   |
|      | 15781.5            | 30.3                       | 21.5           | 51.8                         | 74.0              | -22.2          | Peak     | Horizontal   |
|      | 7426.0             | 37.9                       | 14.2           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |
| *    | 10486.0            | 32.4                       | 18.9           | 51.3                         | 74.0              | -22.7          | Peak     | Vertical     |
| *    | 13580.0            | 29.2                       | 22.8           | 52.0                         | 74.0              | -22.0          | Peak     | Vertical     |
|      | 15790.0            | 30.1                       | 21.5           | 51.6                         | 74.0              | -22.4          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT20                                                                                                                                                                    | Test Channel:     | 149        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7528.0             | 35.9                       | 14.5           | 50.4                         | 74.0              | -23.6          | Peak     | Horizontal   |
|      | 11489.0            | 32.9                       | 20.6           | 53.5                         | 74.0              | -20.5          | Peak     | Horizontal   |
|      | 11493.8            | 21.5                       | 20.6           | 42.1                         | 54.0              | -11.9          | Average  | Horizontal   |
| *    | 13546.0            | 29.2                       | 23.2           | 52.4                         | 74.0              | -21.6          | Peak     | Horizontal   |
| *    | 16419.0            | 31.1                       | 22.3           | 53.4                         | 74.0              | -20.6          | Peak     | Horizontal   |
|      | 7392.0             | 37.7                       | 13.8           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |
|      | 11489.0            | 31.5                       | 20.6           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |
| *    | 13563.0            | 29.1                       | 23.0           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |
| *    | 16351.0            | 31.1                       | 22.4           | 53.5                         | 74.0              | -20.5          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT20                                                                                                                                                                    | Test Channel:     | 157        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7417.5             | 35.5                       | 14.1           | 49.6                         | 74.0              | -24.4          | Peak     | Horizontal   |
|      | 11565.5            | 34.3                       | 20.8           | 55.1                         | 74.0              | -18.9          | Peak     | Horizontal   |
|      | 11569.9            | 23.0                       | 20.8           | 43.8                         | 54.0              | -10.2          | Average  | Horizontal   |
| *    | 13580.0            | 29.0                       | 22.8           | 51.8                         | 74.0              | -22.2          | Peak     | Horizontal   |
| *    | 16223.5            | 30.6                       | 22.0           | 52.6                         | 74.0              | -21.4          | Peak     | Horizontal   |
|      | 7409.0             | 38.0                       | 13.9           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |
|      | 11574.0            | 33.8                       | 20.8           | 54.6                         | 74.0              | -19.4          | Peak     | Vertical     |
|      | 11568.8            | 23.8                       | 20.8           | 44.6                         | 54.0              | -9.4           | Average  | Vertical     |
| *    | 13605.5            | 29.5                       | 23.1           | 52.6                         | 74.0              | -21.4          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT20                                                                                                                                                                    | Test Channel:     | 165        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7332.5             | 36.2                       | 13.9           | 50.1                         | 74.0              | -23.9          | Peak     | Horizontal   |
|      | 11650.5            | 34.0                       | 21.0           | 55.0                         | 74.0              | -19.0          | Peak     | Horizontal   |
|      | 11650.3            | 23.6                       | 21.0           | 44.6                         | 54.0              | -9.4           | Average  | Horizontal   |
| *    | 13554.5            | 29.1                       | 23.1           | 52.2                         | 74.0              | -21.8          | Peak     | Horizontal   |
| *    | 16368.0            | 31.0                       | 22.4           | 53.4                         | 74.0              | -20.6          | Peak     | Horizontal   |
|      | 7451.5             | 38.4                       | 14.3           | 52.7                         | 74.0              | -21.3          | Peak     | Vertical     |
|      | 11650.5            | 33.1                       | 21.0           | 54.1                         | 74.0              | -19.9          | Peak     | Vertical     |
|      | 11650.7            | 24.0                       | 21.0           | 45.0                         | 54.0              | -9.0           | Average  | Vertical     |
| *    | 13546.0            | 28.9                       | 23.2           | 52.1                         | 74.0              | -21.9          | Peak     | Vertical     |
| *    | 16223.5            | 30.8                       | 22.0           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT40                                                                                                                                                                    | Test Channel:     | 38         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7451.5             | 35.5                       | 14.3           | 49.8                         | 74.0              | -24.2          | Peak     | Horizontal   |
| *    | 10375.5            | 32.0                       | 18.7           | 50.7                         | 74.0              | -23.3          | Peak     | Horizontal   |
| *    | 13673.5            | 30.2                       | 22.7           | 52.9                         | 74.0              | -21.1          | Peak     | Horizontal   |
|      | 15492.5            | 31.1                       | 21.7           | 52.8                         | 74.0              | -21.2          | Peak     | Horizontal   |
|      | 7511.0             | 37.2                       | 14.3           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |
| *    | 10375.5            | 30.9                       | 18.7           | 49.6                         | 74.0              | -24.4          | Peak     | Vertical     |
| *    | 13554.5            | 28.7                       | 23.1           | 51.8                         | 74.0              | -22.2          | Peak     | Vertical     |
|      | 15705.0            | 30.8                       | 21.2           | 52.0                         | 74.0              | -22.0          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT40                                                                                                                                                                    | Test Channel:     | 46         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7400.5             | 35.3                       | 13.9           | 49.2                         | 74.0              | -24.8          | Peak     | Horizontal   |
| *    | 10418.0            | 32.5                       | 18.6           | 51.1                         | 74.0              | -22.9          | Peak     | Horizontal   |
| *    | 13571.5            | 29.3                       | 22.9           | 52.2                         | 74.0              | -21.8          | Peak     | Horizontal   |
|      | 15705.0            | 31.1                       | 21.2           | 52.3                         | 74.0              | -21.7          | Peak     | Horizontal   |
|      | 7426.0             | 38.6                       | 14.2           | 52.8                         | 74.0              | -21.2          | Peak     | Vertical     |
| *    | 10435.0            | 32.1                       | 18.4           | 50.5                         | 74.0              | -23.5          | Peak     | Vertical     |
| *    | 13682.0            | 29.8                       | 22.6           | 52.4                         | 74.0              | -21.6          | Peak     | Vertical     |
|      | 16019.5            | 30.4                       | 21.1           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT40                                                                                                                                                                    | Test Channel:     | 151        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7426.0             | 36.7                       | 14.2           | 50.9                         | 74.0              | -23.1          | Peak     | Horizontal   |
|      | 11514.5            | 32.4                       | 20.6           | 53.0                         | 74.0              | -21.0          | Peak     | Horizontal   |
|      | 11511.3            | 21.2                       | 20.6           | 41.8                         | 54.0              | -12.2          | Average  | Horizontal   |
| *    | 13673.5            | 30.1                       | 22.7           | 52.8                         | 74.0              | -21.2          | Peak     | Horizontal   |
| *    | 16444.5            | 31.2                       | 22.4           | 53.6                         | 74.0              | -20.4          | Peak     | Horizontal   |
|      | 7375.0             | 37.1                       | 13.9           | 51.0                         | 74.0              | -23.0          | Peak     | Vertical     |
|      | 11514.5            | 33.8                       | 20.6           | 54.4                         | 74.0              | -19.6          | Peak     | Vertical     |
|      | 11514.7            | 20.7                       | 20.6           | 41.3                         | 54.0              | -12.7          | Average  | Vertical     |
| *    | 13869.0            | 29.5                       | 23.6           | 53.1                         | 74.0              | -20.9          | Peak     | Vertical     |
| *    | 16351.0            | 31.1                       | 22.4           | 53.5                         | 74.0              | -20.5          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT40                                                                                                                                                                    | Test Channel:     | 159        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7426.0             | 34.8                       | 14.2           | 49.0                         | 74.0              | -25.0          | Peak     | Horizontal   |
|      | 11582.5            | 32.0                       | 20.7           | 52.7                         | 74.0              | -21.3          | Peak     | Horizontal   |
|      | 11581.2            | 20.6                       | 20.8           | 41.4                         | 54.0              | -12.6          | Average  | Horizontal   |
| *    | 13605.5            | 29.8                       | 23.1           | 52.9                         | 74.0              | -21.1          | Peak     | Horizontal   |
| *    | 16359.5            | 31.1                       | 22.4           | 53.5                         | 74.0              | -20.5          | Peak     | Horizontal   |
|      | 7400.5             | 38.0                       | 13.9           | 51.9                         | 74.0              | -22.1          | Peak     | Vertical     |
|      | 11591.0            | 32.4                       | 20.7           | 53.1                         | 74.0              | -20.9          | Peak     | Vertical     |
|      | 11590.4            | 21.1                       | 20.7           | 41.8                         | 54.0              | -12.2          | Average  | Vertical     |
| *    | 13665.0            | 29.8                       | 22.8           | 52.6                         | 74.0              | -21.4          | Peak     | Vertical     |
| *    | 16470.0            | 31.1                       | 22.5           | 53.6                         | 74.0              | -20.4          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT80                                                                                                                                                                    | Test Channel:     | 42         |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7400.5             | 35.6                       | 13.9           | 49.5                         | 74.0              | -24.5          | Peak     | Horizontal   |
| *    | 10401.0            | 32.0                       | 18.7           | 50.7                         | 74.0              | -23.3          | Peak     | Horizontal   |
| *    | 13860.5            | 29.4                       | 23.7           | 53.1                         | 74.0              | -20.9          | Peak     | Horizontal   |
|      | 15611.5            | 30.7                       | 21.1           | 51.8                         | 74.0              | -22.2          | Peak     | Horizontal   |
|      | 7434.5             | 38.4                       | 14.3           | 52.7                         | 74.0              | -21.3          | Peak     | Vertical     |
| *    | 10418.0            | 31.3                       | 18.6           | 49.9                         | 74.0              | -24.1          | Peak     | Vertical     |
| *    | 13775.5            | 29.8                       | 23.1           | 52.9                         | 74.0              | -21.1          | Peak     | Vertical     |
|      | 15773.0            | 30.3                       | 21.5           | 51.8                         | 74.0              | -22.2          | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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       | Speed Dome Camera<br>(1080P WiFi PTZ)                                                                                                                                             | Temperature       | 22°C       |
| Test Engineer | Snake Ni                                                                                                                                                                          | Relative Humidity | 51%        |
| Test Site     | AC2                                                                                                                                                                               | Test Date         | 2018/01/23 |
| Test Mode:    | 802.11ac-VHT80                                                                                                                                                                    | Test Channel:     | 155        |
| 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<br>(MHz) | Reading<br>Level<br>(dBμV) | Factor<br>(dB) | Measure<br>Level<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) | Detector | Polarization |
|------|--------------------|----------------------------|----------------|------------------------------|-------------------|----------------|----------|--------------|
|      | 7400.5             | 36.1                       | 13.9           | 50.0                         | 74.0              | -24.0          | Peak     | Horizontal   |
|      | 11497.5            | 31.3                       | 20.6           | 51.9                         | 74.0              | -22.1          | Peak     | Horizontal   |
| *    | 13580.0            | 28.8                       | 22.8           | 51.6                         | 74.0              | -22.4          | Peak     | Horizontal   |
| *    | 16240.5            | 30.8                       | 22.1           | 52.9                         | 74.0              | -21.1          | Peak     | Horizontal   |
|      | 7519.5             | 36.8                       | 14.4           | 51.2                         | 74.0              | -22.8          | Peak     | Vertical     |
|      | 11497.5            | 30.9                       | 20.6           | 51.5                         | 74.0              | -22.5          | Peak     | Vertical     |
| *    | 13673.5            | 30.5                       | 22.7           | 53.2                         | 74.0              | -20.8          | Peak     | Vertical     |
| *    | 16317.0            | 30.9                       | 22.3           | 53.2                         | 74.0              | -20.8          | Peak     | Vertical     |

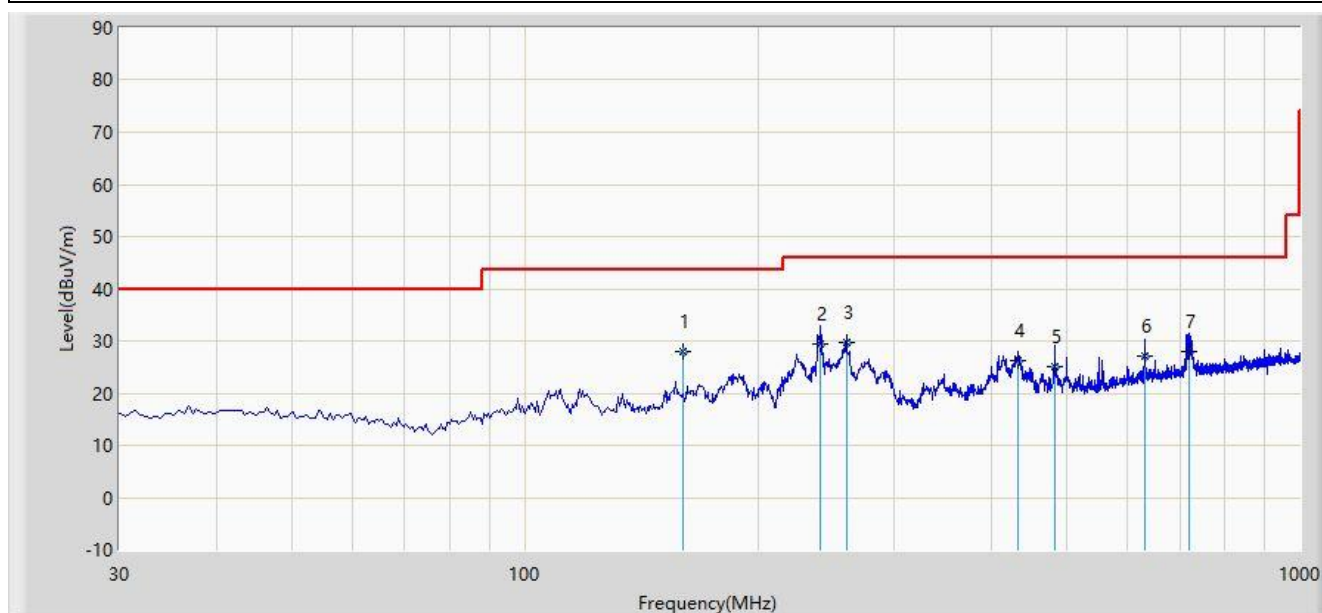
Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: 2018/01/23 - 20:11 |
| Limit: FCC_Part15.209_RE(3m)                                          | Engineer: Alex Ma        |
| Probe: VULB 9168 _20-2000MHz                                          | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                               | Power: AC 120V/60Hz      |
| <b>Worse Case Mode:</b> Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |



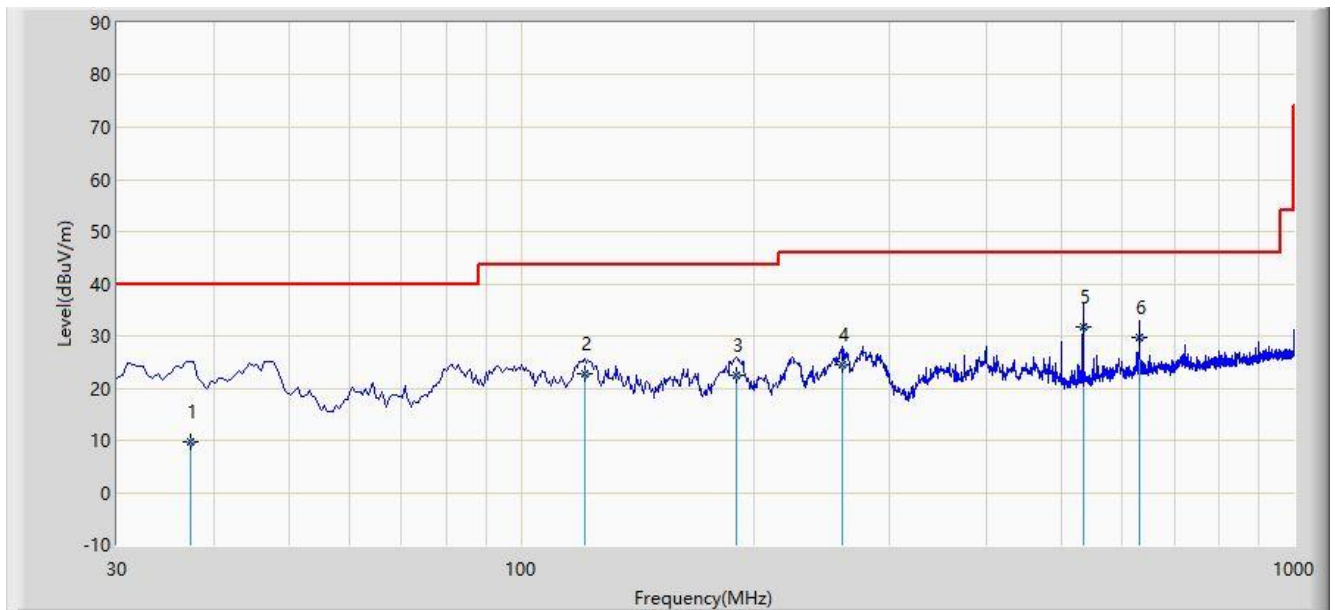
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Over Limit (dB) | Limit (dBμV/m) | Factor | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|--------|------|
| 1  |      | *    | 159.890         | 28.006                 | 13.901               | -15.494         | 43.500         | 14.105 | QP   |
| 2  |      |      | 240.975         | 29.544                 | 18.083               | -16.456         | 46.000         | 11.461 | QP   |
| 3  |      |      | 259.890         | 29.662                 | 17.891               | -16.338         | 46.000         | 11.771 | QP   |
| 4  |      |      | 432.550         | 26.165                 | 10.607               | -19.835         | 46.000         | 15.558 | QP   |
| 5  |      |      | 482.505         | 25.145                 | 8.852                | -20.855         | 46.000         | 16.293 | QP   |
| 6  |      |      | 631.400         | 27.086                 | 8.209                | -18.914         | 46.000         | 18.877 | QP   |
| 7  |      |      | 718.700         | 28.001                 | 8.114                | -17.999         | 46.000         | 19.887 | 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: 2018/01/23 - 20:14 |
| Limit: FCC_Part15.209_RE(3m)                                          | Engineer: Alex Ma        |
| Probe: VULB 9168 _20-2000MHz                                          | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                               | Power: AC 120V/60Hz      |
| <b>Worse Case Mode:</b> Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|--------|------|
| 1  |      |      | 37.275          | 9.818                  | -3.882               | -30.182         | 40.000         | 13.700 | QP   |
| 2  |      |      | 120.695         | 22.863                 | 10.593               | -20.637         | 43.500         | 12.270 | QP   |
| 3  |      |      | 189.565         | 22.497                 | 11.963               | -21.003         | 43.500         | 10.534 | QP   |
| 4  |      |      | 259.890         | 24.461                 | 12.690               | -21.539         | 46.000         | 11.771 | QP   |
| 5  |      | *    | 533.430         | 31.844                 | 14.739               | -14.156         | 46.000         | 17.105 | QP   |
| 6  |      |      | 631.400         | 29.640                 | 10.763               | -16.360         | 46.000         | 18.877 | 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.

## 7.8. Radiated Restricted Band Edge Measurement

### 7.8.1. 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        | 8.25 - 8.5         |
| 4.17725 - 4.17775          | 37.5 - 38.25        | 1435 - 1626.5      | 9.0 - 9.2          |
| 4.20725 - 4.20775          | 73 - 74.6           | 1645.5 - 1646.5    | 9.3 - 9.5          |
| 6.215 - 6.218              | 74.8 - 75.2         | 1660 - 1710        | 10.6 - 12.7        |
| 6.26775 - 6.26825          | 108 - 121.94        | 1718.8 - 1722.2    | 13.25 - 13.4       |
| 6.31175 - 6.31225          | 123 - 138           | 2200 - 2300        | 14.47 - 14.5       |
| 8.291 - 8.294              | 149.9 - 150.05      | 2310 - 2390        | 15.35 - 16.2       |
| 8.362 - 8.366              | 156.52475 - 156.525 | 2483.5 - 2500      | 17.7 - 21.4        |
| 8.37625 - 8.38675          | 156.7 - 156.9       | 2690 - 2900        | 22.01 - 23.12      |
| 8.41425 - 8.41475          | 162.0125 - 167.17   | 3260 - 3267        | 23.6 - 24.0        |
| 12.29 - 12.293             | 167.72 - 173.2      | 3332 - 3339        | 31.2 - 31.8        |
| 12.51975 - 12.52025        | 240 - 285           | 3345.8 - 3358      | 36.43 - 36.5       |
| 12.57675 - 12.57725        | 322 - 335.4         | 3600 - 4400        | ( <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                          |

### **For RSS-Gen Section 8.10 requirement:**

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

| Frequency<br>(MHz)     | Frequency<br>(MHz) | Frequency<br>(MHz) |
|------------------------|--------------------|--------------------|
| 0.009 - 0.110          | 240 - 285          | 9.0 - 9.2          |
| 2.1735 - 2.1905        | 322 - 335.4        | 9.3 - 9.5          |
| 3.020 - 3.026          | 399.9 - 410        | 10.6 - 12.7        |
| 4.125 - 4.128          | 608 - 614          | 13.25 - 13.4       |
| 4.17725 - 4.17775      | 960 - 1427         | 14.47 - 14.5       |
| 4.20725 - 4.20775      | 1435 - 1626.5      | 15.35 - 16.2       |
| 5.677 - 5.683          | 1645.5 - 1646.5    | 17.7 - 21.4        |
| 6.215 - 6.218          | 1660 - 1710        | 22.01 - 23.12      |
| 6.26775 - 6.26825      | 1718.8 -1722.2     | 23.6 - 24.0        |
| 6.31175 - 6.31225      | 2200 - 2300        | 31.2 - 31.8        |
| 8.291 - 8.294          | 2310 -2390         | 36.43 - 36.5       |
| 8.362 - 8.366          | 2655 - 2900        | Above 38.6         |
| 8.37625 - 8.38675      | 3260 - 3267        | --                 |
| 8.41425 - 8.41475      | 3332 -3339         |                    |
| 12.29 - 12.293         | 334.5 - 3358       |                    |
| 12.51975 - 12.52025    | 3500 - 4400        |                    |
| 12.57675 - 12.57725    | 4500 - 5150        |                    |
| 13.36 -13.41           | 5350 - 5460        |                    |
| 16.42 - 16.423         | 7250 - 7750        |                    |
| 16.69475 - 16.69525    | 8025 - 8500        |                    |
| 16.80425 - 16.80475    | --                 |                    |
| 25.5 - 25.67           |                    |                    |
| 37.5 - 38.25           |                    |                    |
| 73 - 74.6              |                    |                    |
| 74.8 - 75.2            |                    |                    |
| 108 - 138              |                    |                    |
| 156.52475 - 156.525225 |                    |                    |
| 156.7 - 156.9          |                    |                    |

Note: \*Certain frequency bands listed in Table 6 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to the devices

are set out in the 200- and 300-series of RSSs, such as RSS-210 and RSS-310, which contain the requirements that apply to licence-exempt radio apparatus.

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

| RSS-Gen Section 8.9 |                       |                            |
|---------------------|-----------------------|----------------------------|
| 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                          |

### 7.8.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

### 7.8.3. Test Setting

#### Peak Field Strength Measurements

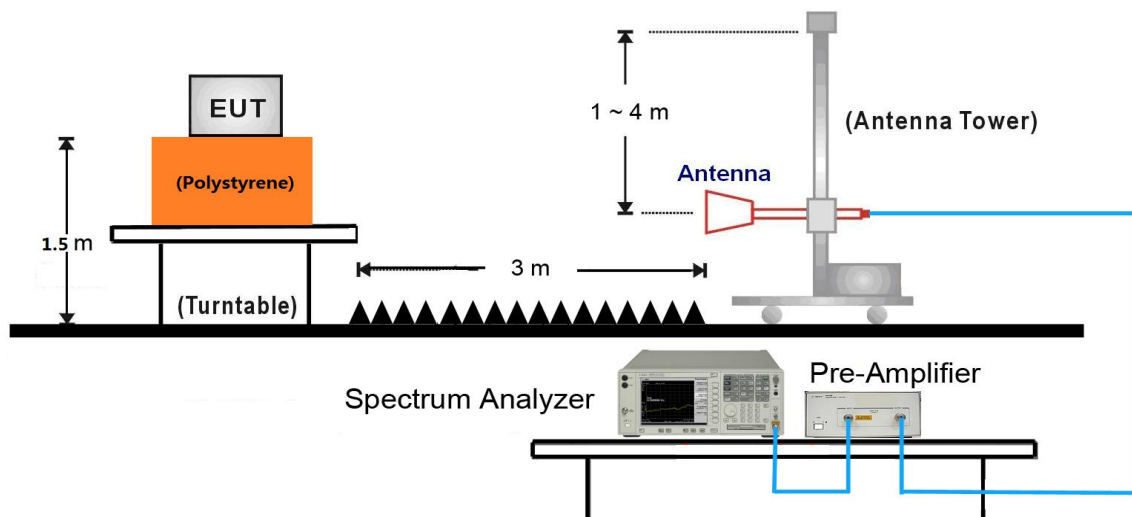
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

### 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

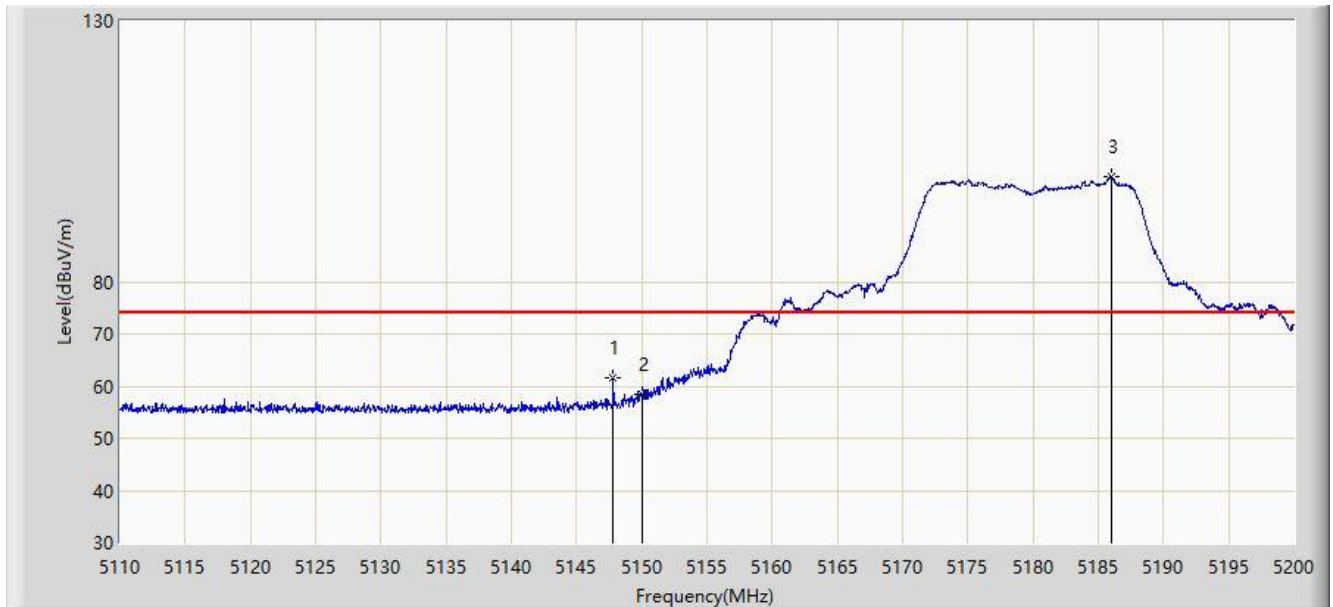
#### **7.8.4.Test Setup**

##### 1GHz ~ 18GHz Test Setup:



### 7.8.5.Test Result

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 11:50 |
| Limit: FCC_Part15.209_RE(3m)                      | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz |                          |

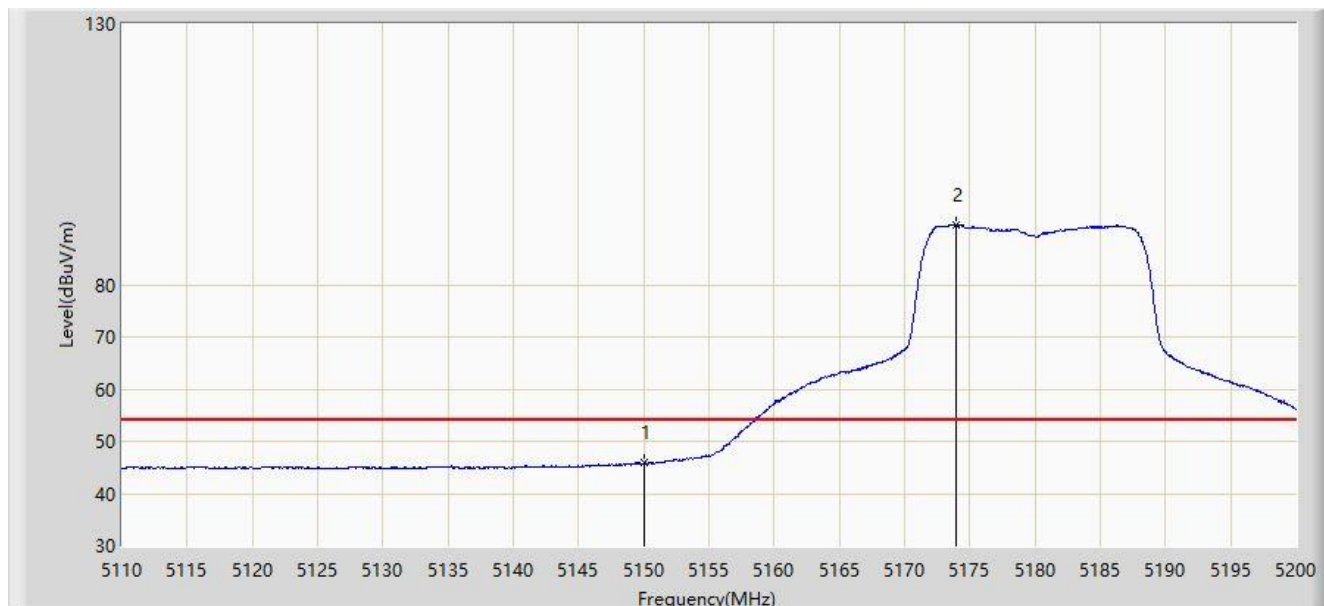


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5147.800        | 61.658                 | 55.540               | -12.342         | 74.000         | 6.118       | PK   |
| 2  |      |      | 5150.000        | 58.332                 | 52.209               | -15.668         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5185.960        | 100.081                | 94.028               | N/A             | N/A            | 6.054       | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 11:52 |
| Limit: FCC_Part15.209_RE(3m)                      | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz |                          |

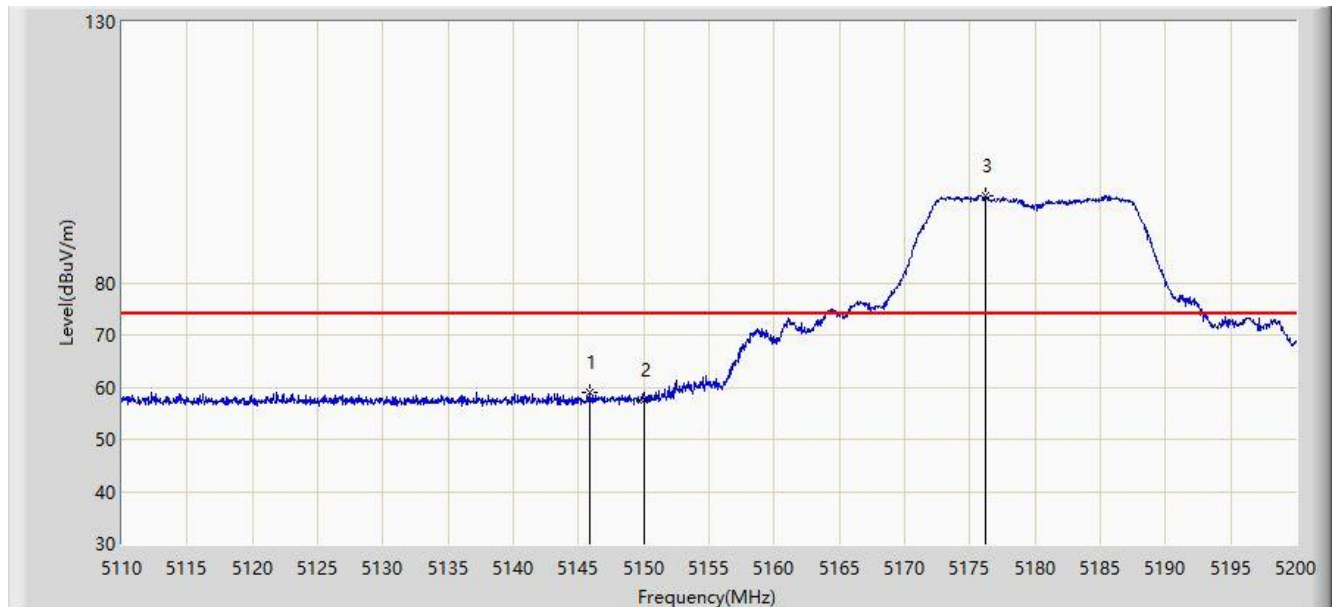


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 45.834                 | 39.711               | -8.166          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5173.900        | 91.474                 | 85.367               | N/A             | N/A            | 6.107       | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 11:53 |
| Limit: FCC_Part15.209_RE(3m)                      | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz |                          |

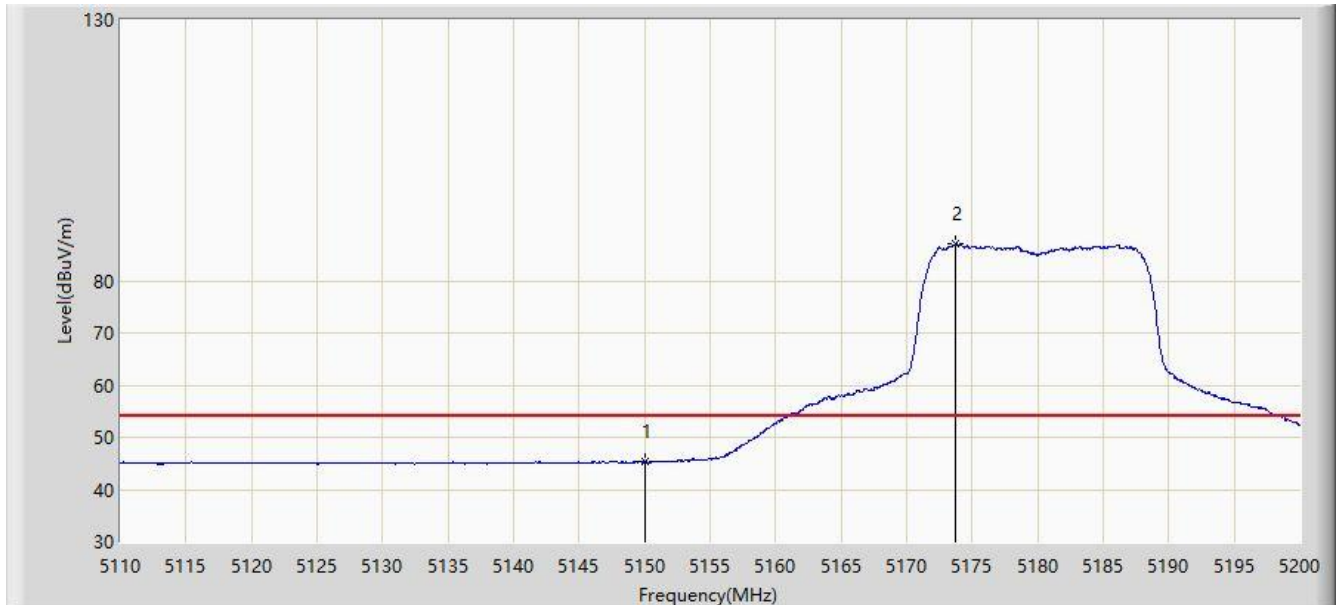


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5145.820        | 58.853                 | 52.740               | -15.147         | 74.000         | 6.113       | PK   |
| 2  |      |      | 5150.000        | 57.537                 | 51.414               | -16.463         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5176.150        | 96.668                 | 90.567               | N/A             | N/A            | 6.101       | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 11:55 |
| Limit: FCC_Part15.209_RE(3m)                      | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz |                          |

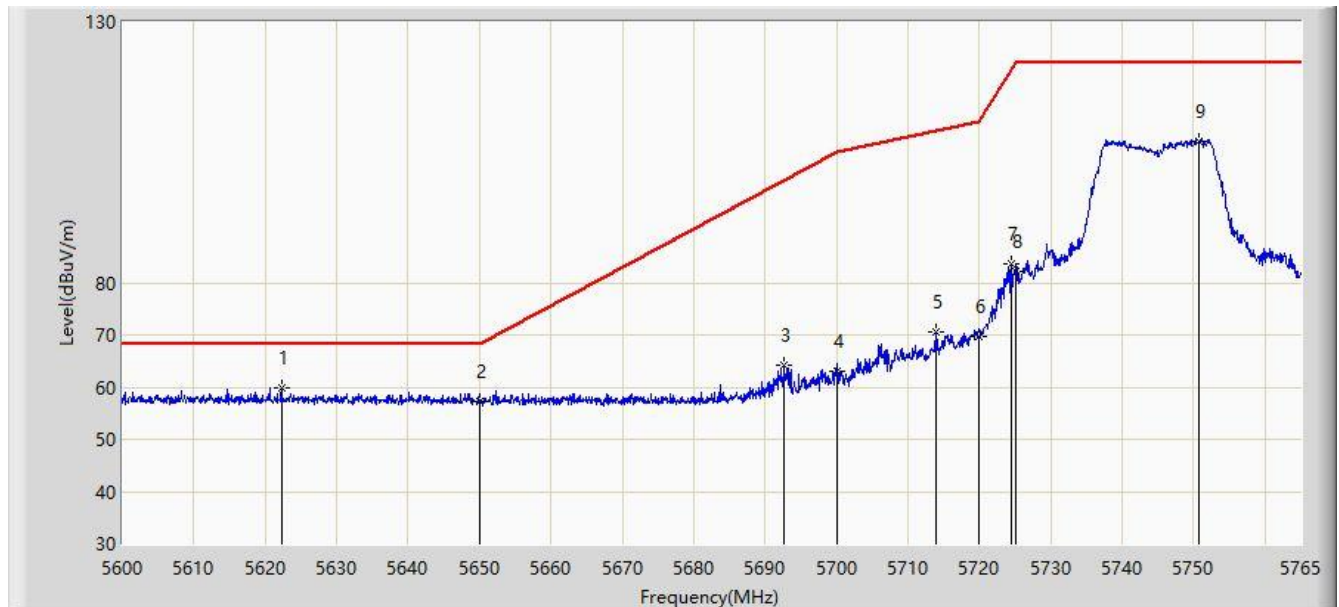


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 45.236                 | 39.113               | -8.764          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5173.675        | 87.031                 | 80.923               | N/A             | N/A            | 6.108       | AV   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 11:57 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz |                          |

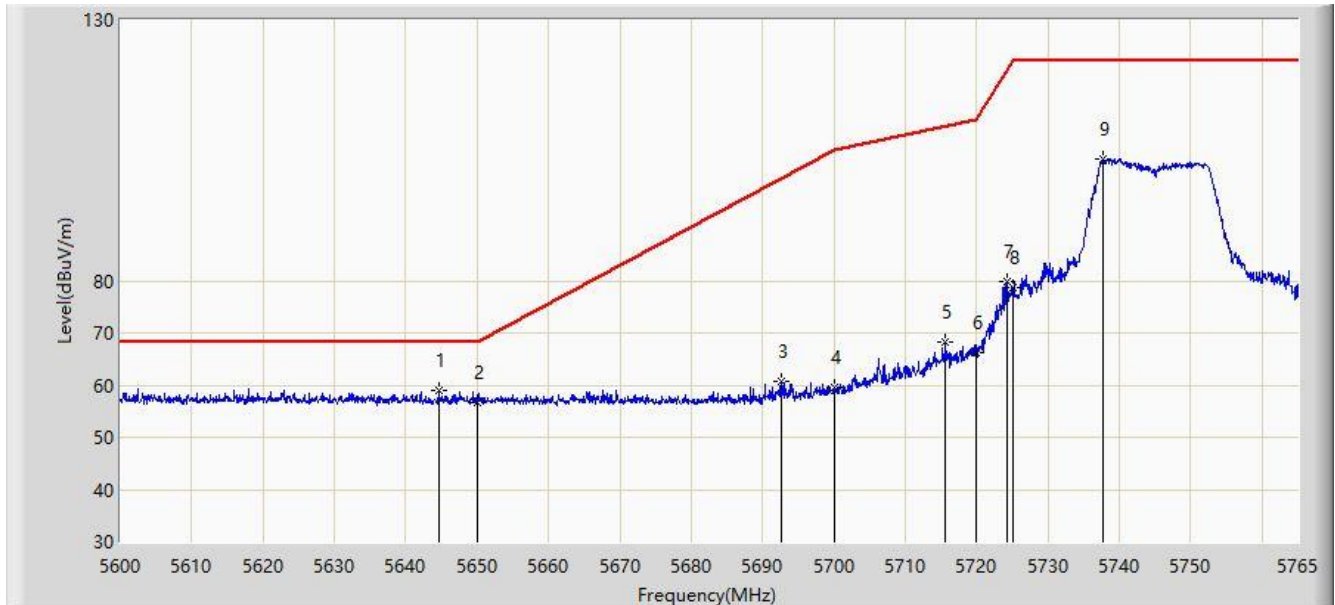


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5622.275        | 59.909                 | 53.132               | -8.291          | 68.200         | 6.778       | PK   |
| 2  |      |      | 5650.000        | 57.267                 | 50.284               | -10.933         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5692.730        | 64.064                 | 57.096               | -35.777         | 99.840         | 6.968       | PK   |
| 4  |      |      | 5700.000        | 63.093                 | 56.115               | -42.107         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5714.015        | 70.493                 | 63.440               | -38.633         | 109.126        | 7.053       | PK   |
| 6  |      |      | 5720.000        | 69.566                 | 62.452               | -41.234         | 110.800        | 7.114       | PK   |
| 7  |      |      | 5724.493        | 83.662                 | 76.502               | -37.382         | 121.044        | 7.161       | PK   |
| 8  |      |      | 5725.000        | 82.120                 | 74.955               | -40.080         | 122.200        | 7.165       | PK   |
| 9  |      |      | 5750.645        | 107.180                | 99.788               | N/A             | N/A            | 7.392       | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 11:59 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz |                          |

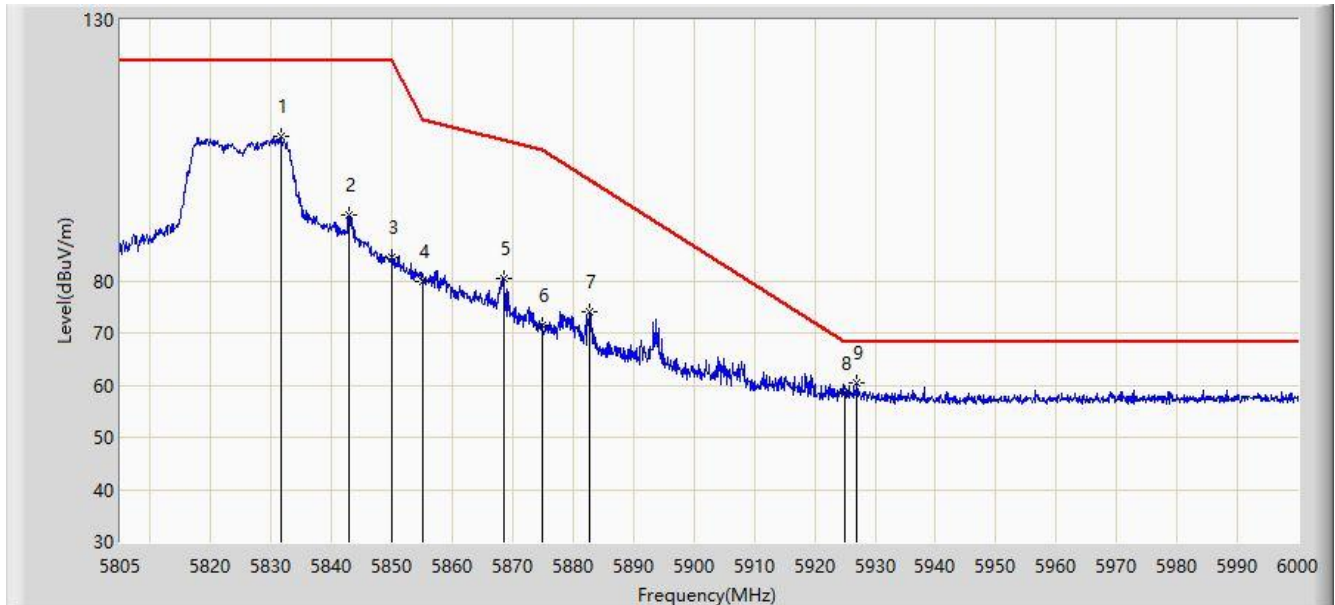


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5644.632        | 58.914                 | 51.961               | -9.286          | 68.200         | 6.953       | PK   |
| 2  |      |      | 5650.000        | 56.619                 | 49.636               | -11.581         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5692.647        | 60.853                 | 53.886               | -38.926         | 99.779         | 6.968       | PK   |
| 4  |      |      | 5700.000        | 59.477                 | 52.499               | -45.723         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5715.665        | 68.177                 | 61.107               | -41.411         | 109.588        | 7.069       | PK   |
| 6  |      |      | 5720.000        | 66.111                 | 58.997               | -44.689         | 110.800        | 7.114       | PK   |
| 7  |      |      | 5724.245        | 79.992                 | 72.834               | -40.487         | 120.479        | 7.158       | PK   |
| 8  |      |      | 5725.000        | 78.716                 | 71.551               | -43.484         | 122.200        | 7.165       | PK   |
| 9  |      |      | 5737.775        | 103.284                | 95.994               | N/A             | N/A            | 7.291       | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 12:00 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5825MHz |                          |

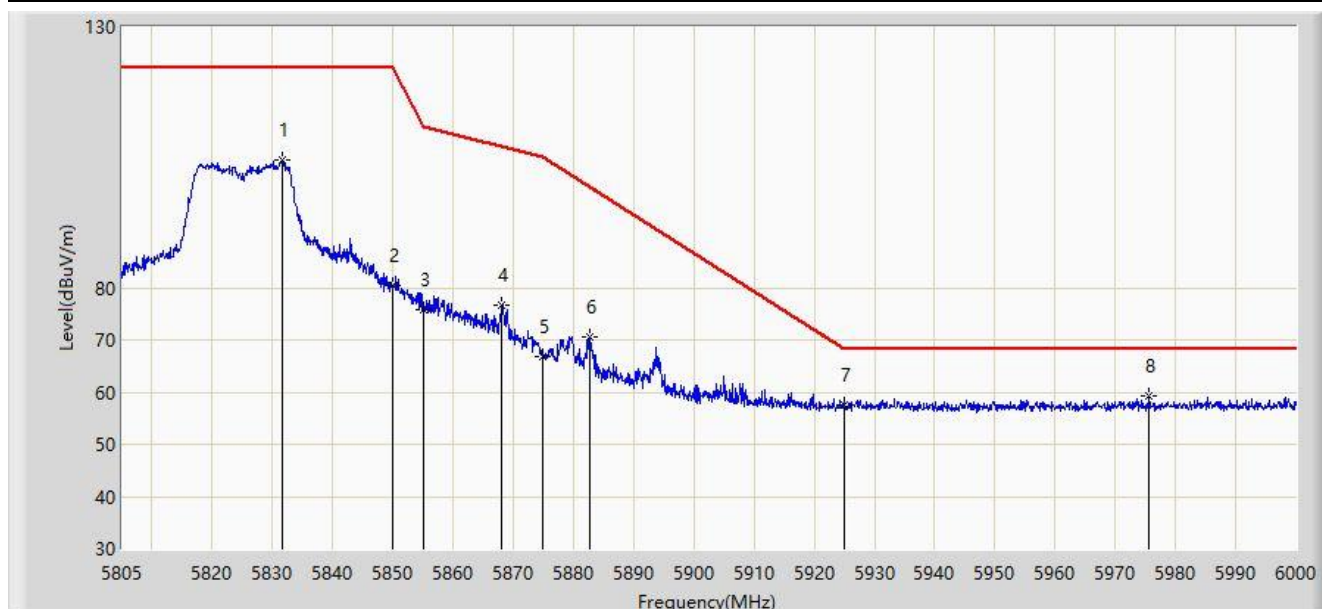


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5831.520        | 107.643                | 99.846               | N/A             | N/A            | 7.797       | PK   |
| 2  |      |      | 5842.830        | 92.642                 | 84.765               | -29.558         | 122.200        | 7.877       | PK   |
| 3  |      |      | 5850.000        | 84.627                 | 76.728               | -37.573         | 122.200        | 7.899       | PK   |
| 4  |      |      | 5855.000        | 79.760                 | 71.854               | -31.040         | 110.800        | 7.905       | PK   |
| 5  |      |      | 5868.473        | 80.485                 | 72.573               | -26.540         | 107.025        | 7.911       | PK   |
| 6  |      |      | 5875.000        | 71.491                 | 63.583               | -33.709         | 105.200        | 7.909       | PK   |
| 7  |      |      | 5882.805        | 74.090                 | 66.182               | -25.314         | 99.404         | 7.908       | PK   |
| 8  |      |      | 5925.000        | 58.350                 | 50.317               | -9.850          | 68.200         | 8.033       | PK   |
| 9  |      | *    | 5926.973        | 60.523                 | 52.476               | -7.677          | 68.200         | 8.046       | PK   |

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

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

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Site: AC2                                         | Time: 2018/01/13 - 12:02 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                          | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)           | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5825MHz |                          |

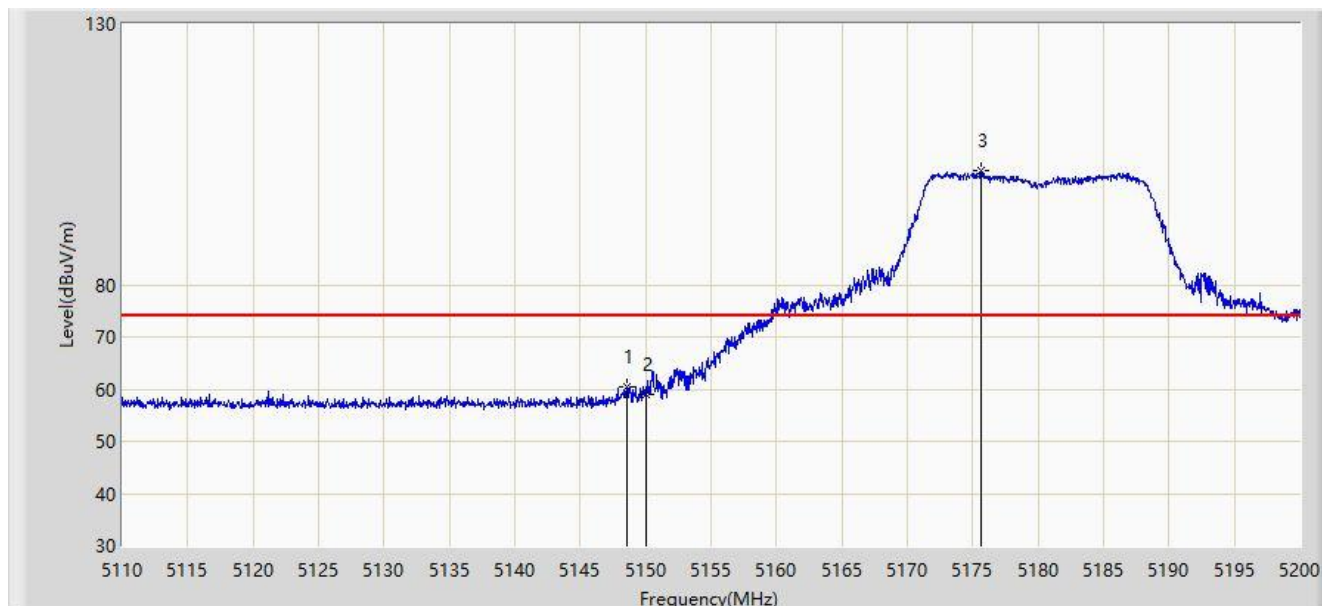


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5831.618        | 104.596                | 96.798               | N/A             | N/A            | 7.798       | PK   |
| 2  |      |      | 5850.000        | 80.425                 | 72.526               | -41.775         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 75.850                 | 67.944               | -34.950         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5868.083        | 76.804                 | 68.892               | -30.330         | 107.135        | 7.912       | PK   |
| 5  |      |      | 5875.000        | 66.858                 | 58.950               | -38.342         | 105.200        | 7.909       | PK   |
| 6  |      |      | 5882.805        | 70.454                 | 62.546               | -28.950         | 99.404         | 7.908       | PK   |
| 7  |      |      | 5925.000        | 57.538                 | 49.505               | -10.662         | 68.200         | 8.033       | PK   |
| 8  |      | *    | 5975.625        | 59.248                 | 51.173               | -8.952          | 68.200         | 8.075       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:03 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz |                          |

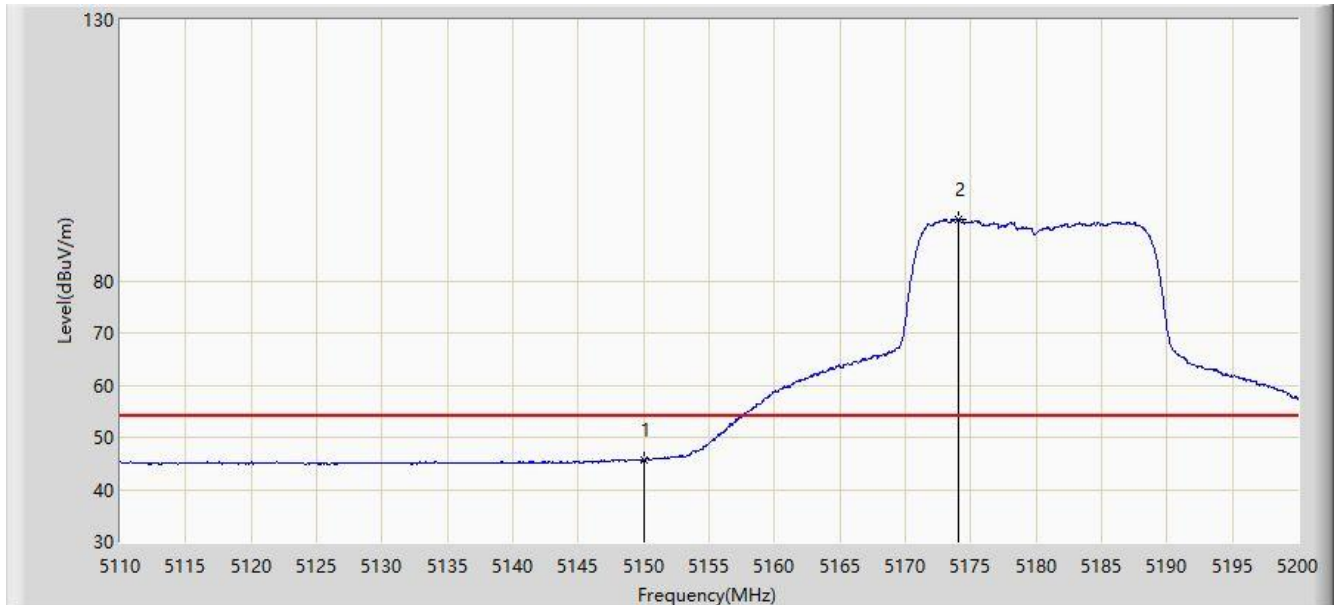


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5148.610        | 60.478                 | 54.358               | -13.522         | 74.000         | 6.121       | PK   |
| 2  |      |      | 5150.000        | 58.903                 | 52.780               | -15.097         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5175.655        | 101.949                | 95.846               | N/A             | N/A            | 6.102       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:05 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 45.647                 | 39.524               | -8.353          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5174.080        | 91.805                 | 85.698               | N/A             | N/A            | 6.106       | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:06 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5149.600        | 58.821                 | 52.699               | -15.179         | 74.000         | 6.122       | PK   |
| 2  |      |      | 5150.000        | 58.678                 | 52.555               | -15.322         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5175.475        | 96.675                 | 90.572               | N/A             | N/A            | 6.103       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:07 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz |                          |

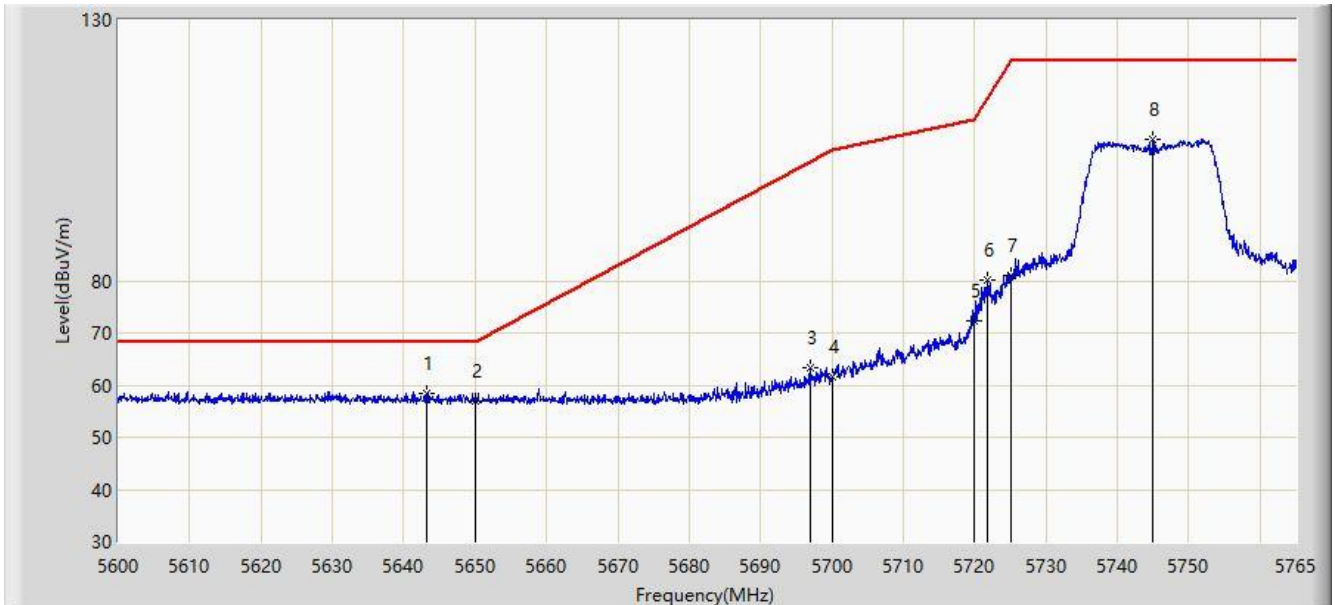


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 45.208                 | 39.085               | -8.792          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5185.375        | 86.065                 | 80.007               | N/A             | N/A            | 6.059       | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:08 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz |                          |

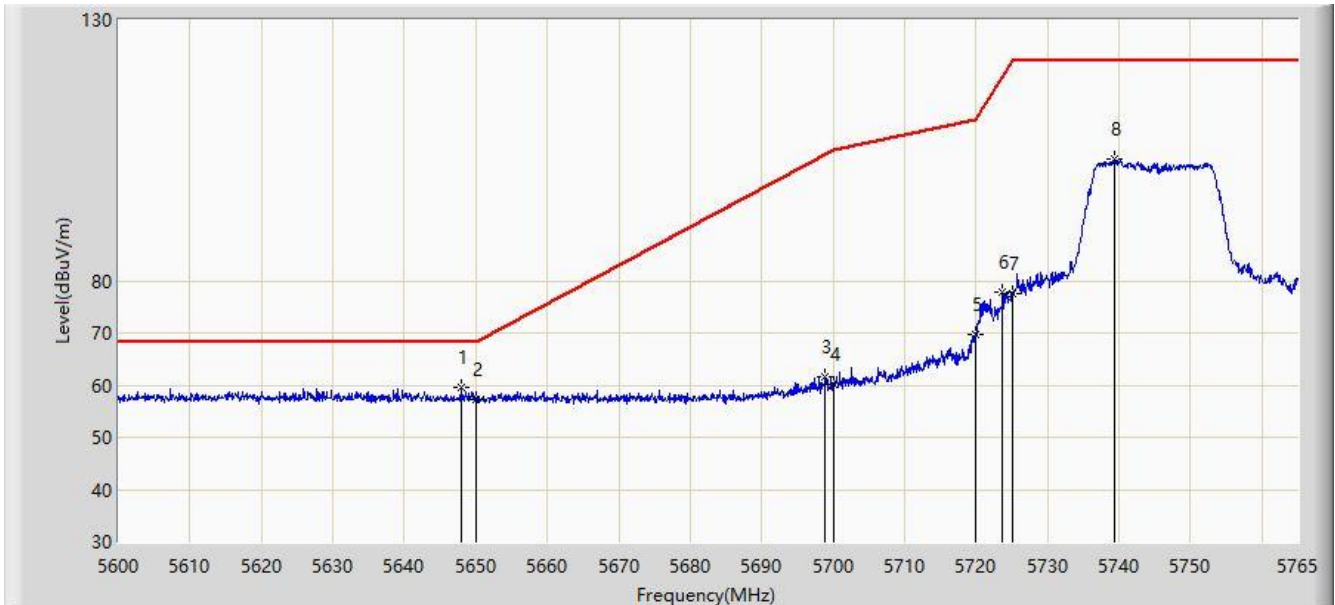


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5643.312        | 58.466                 | 51.521               | -9.734          | 68.200         | 6.945       | PK   |
| 2  |      |      | 5650.000        | 57.054                 | 50.071               | -11.146         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5696.937        | 63.346                 | 56.372               | -39.597         | 102.943        | 6.974       | PK   |
| 4  |      |      | 5700.000        | 61.461                 | 54.483               | -43.739         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 72.409                 | 65.295               | -38.391         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5721.687        | 80.219                 | 73.087               | -34.429         | 114.647        | 7.132       | PK   |
| 7  |      |      | 5725.000        | 80.978                 | 73.813               | -41.222         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5745.035        | 107.006                | 99.653               | N/A             | N/A            | 7.353       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:10 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz |                          |

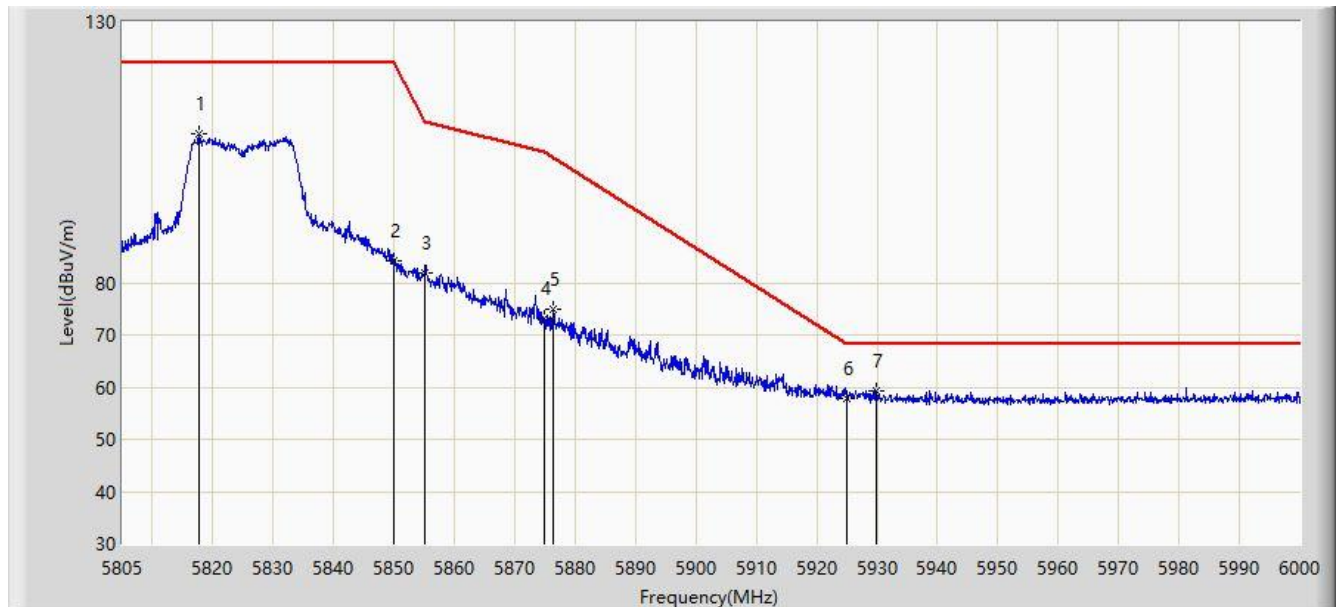


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5647.933        | 59.427                 | 52.456               | -8.773          | 68.200         | 6.972       | PK   |
| 2  |      |      | 5650.000        | 57.314                 | 50.331               | -10.886         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5698.835        | 61.647                 | 54.671               | -42.694         | 104.342        | 6.977       | PK   |
| 4  |      |      | 5700.000        | 60.246                 | 53.268               | -44.954         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 69.689                 | 62.575               | -41.111         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5723.667        | 77.750                 | 70.598               | -41.412         | 119.162        | 7.152       | PK   |
| 7  |      |      | 5725.000        | 77.522                 | 70.357               | -44.678         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5739.425        | 103.251                | 95.945               | N/A             | N/A            | 7.306       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:12 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz |                          |

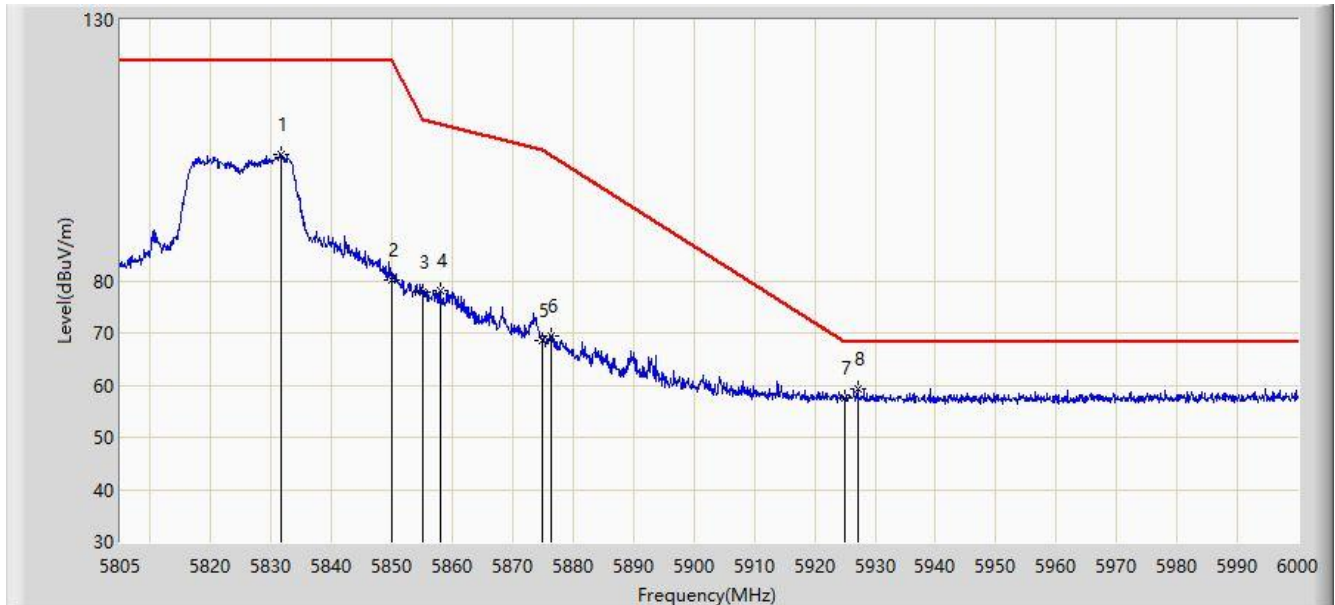


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5817.772        | 108.460                | 100.800              | N/A             | N/A            | 7.660       | PK   |
| 2  |      |      | 5850.000        | 84.137                 | 76.238               | -38.063         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 81.876                 | 73.970               | -28.924         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5875.000        | 73.103                 | 65.195               | -32.097         | 105.200        | 7.909       | PK   |
| 5  |      |      | 5876.272        | 74.921                 | 67.013               | -29.334         | 104.255        | 7.907       | PK   |
| 6  |      |      | 5925.000        | 57.772                 | 49.739               | -10.428         | 68.200         | 8.033       | PK   |
| 7  |      | *    | 5929.897        | 59.396                 | 51.329               | -8.804          | 68.200         | 8.067       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:14 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz |                          |

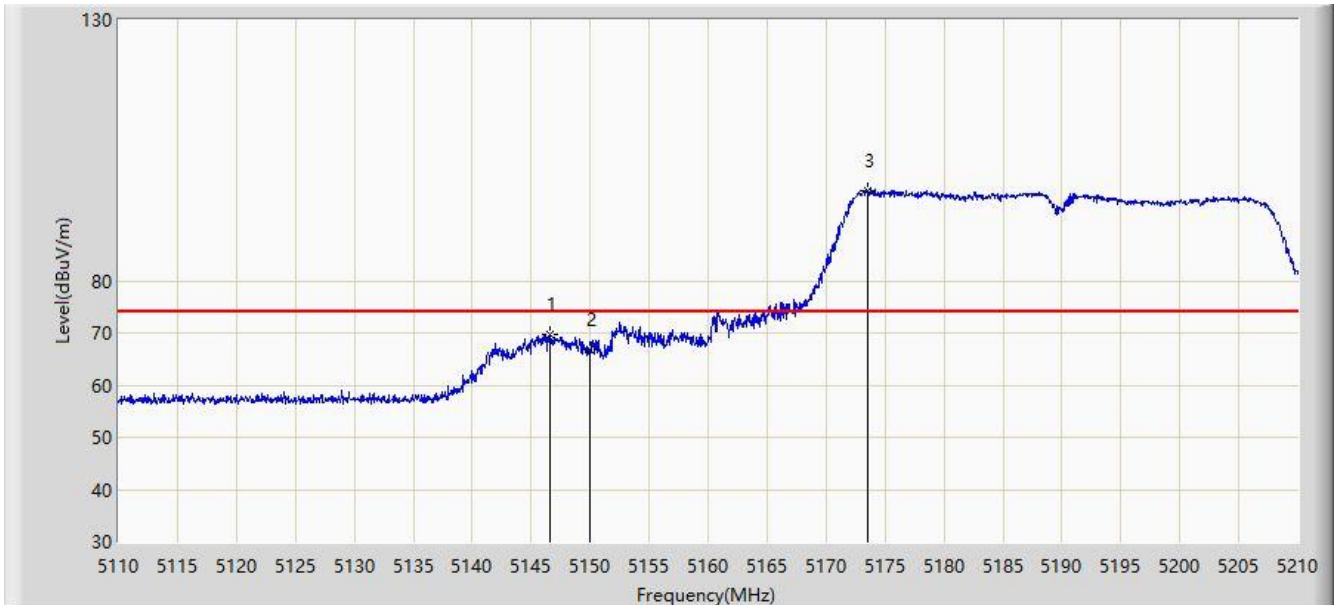


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5831.715        | 104.139                | 96.341               | N/A             | N/A            | 7.799       | PK   |
| 2  |      |      | 5850.000        | 80.217                 | 72.318               | -41.983         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 77.965                 | 70.059               | -32.835         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5858.040        | 78.200                 | 70.290               | -31.747         | 109.948        | 7.910       | PK   |
| 5  |      |      | 5875.000        | 68.483                 | 60.575               | -36.717         | 105.200        | 7.909       | PK   |
| 6  |      |      | 5876.467        | 69.509                 | 61.601               | -34.601         | 104.110        | 7.908       | PK   |
| 7  |      |      | 5925.000        | 57.422                 | 49.389               | -10.778         | 68.200         | 8.033       | PK   |
| 8  |      | *    | 5927.070        | 59.403                 | 51.356               | -8.797          | 68.200         | 8.047       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:21 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz |                          |

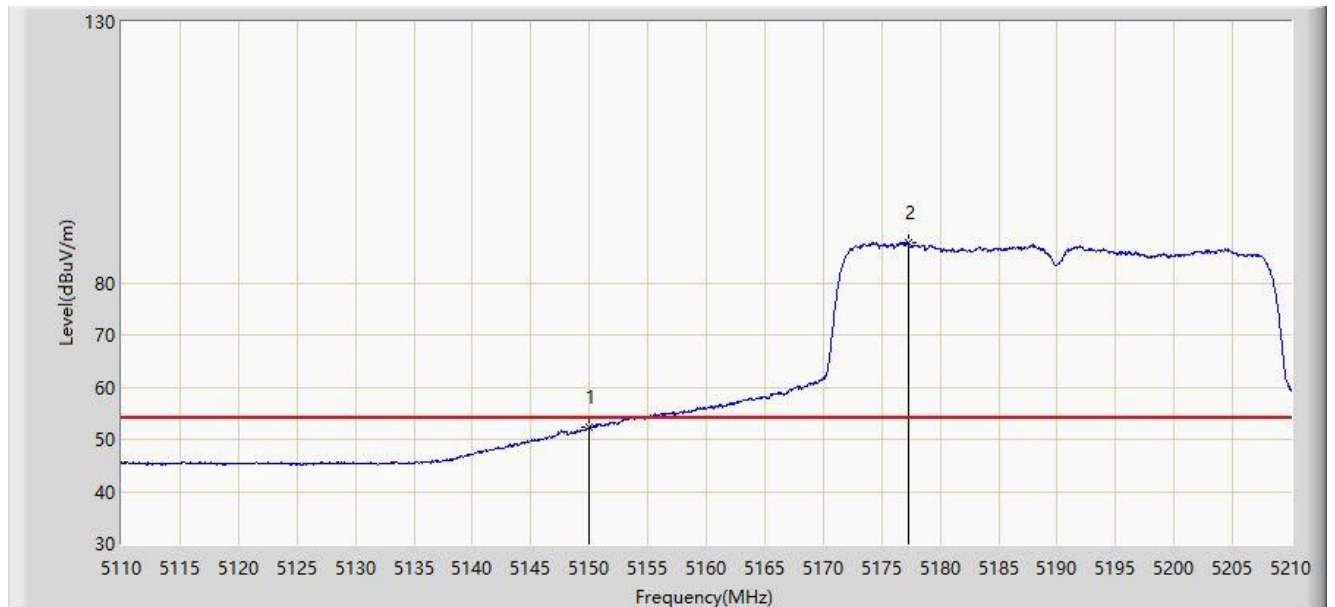


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5146.550        | 69.726                 | 63.611               | -4.274          | 74.000         | 6.115       | PK   |
| 2  |      |      | 5150.000        | 66.725                 | 60.602               | -7.275          | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5173.550        | 97.278                 | 91.170               | N/A             | N/A            | 6.108       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:20 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz |                          |

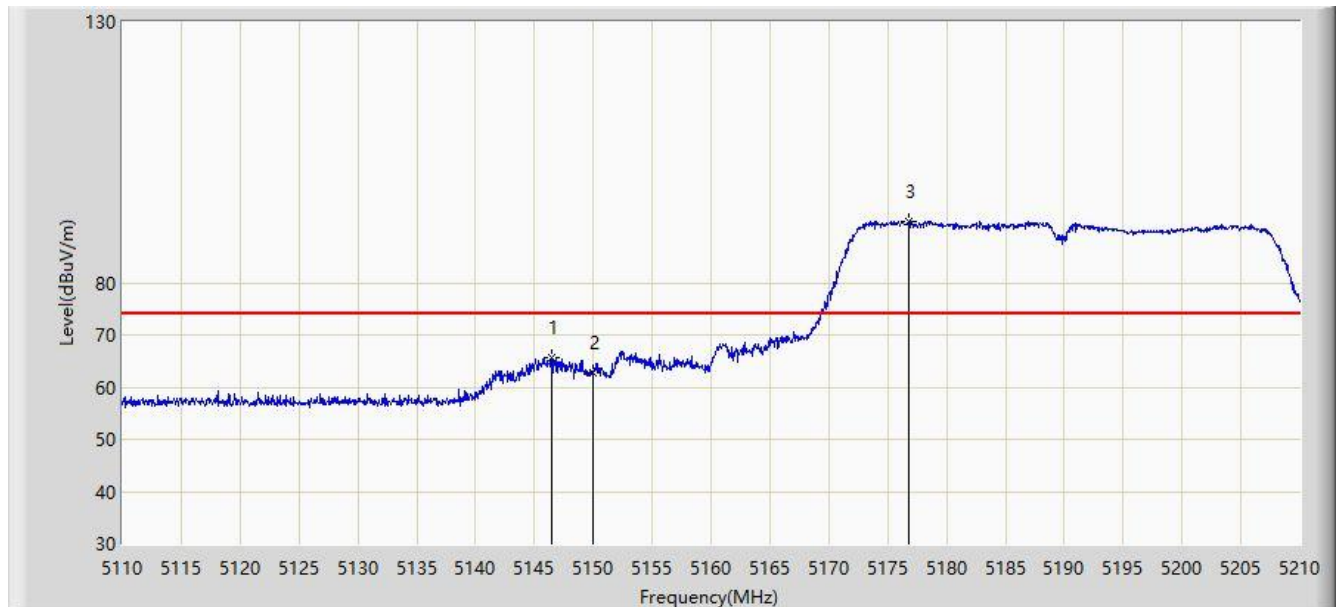


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.292                 | 46.169               | -1.708          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5177.250        | 87.689                 | 81.591               | N/A             | N/A            | 6.099       | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:22 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz |                          |

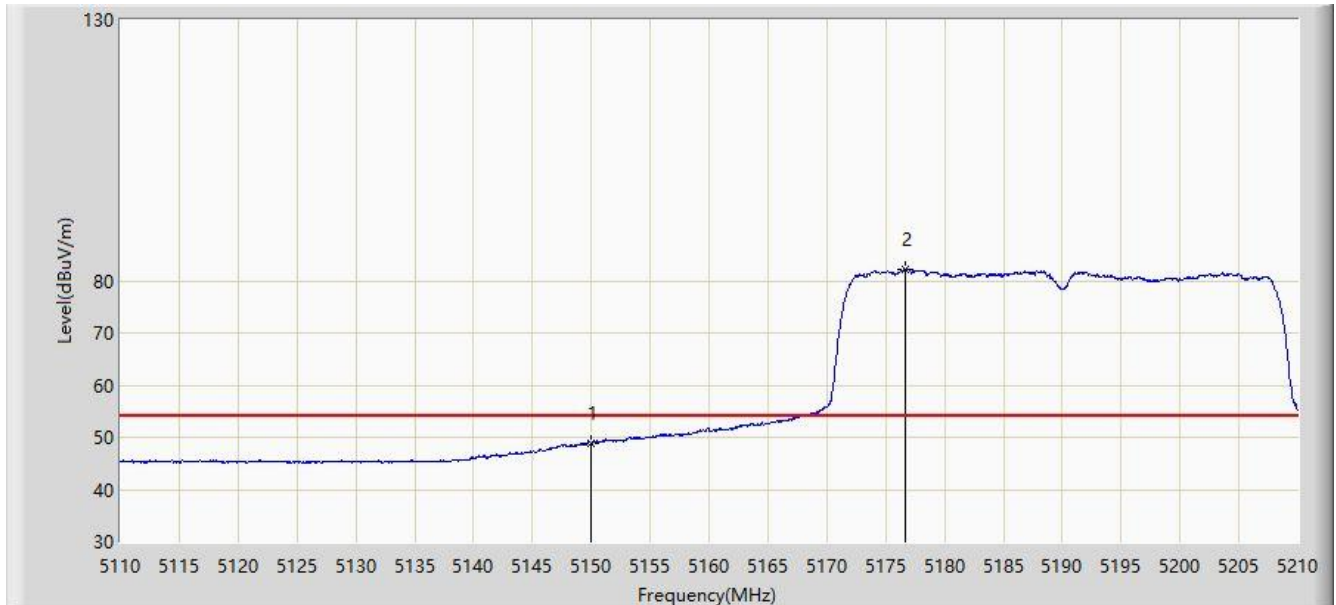


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5146.500        | 65.603                 | 59.488               | -8.397          | 74.000         | 6.115       | PK   |
| 2  |      |      | 5150.000        | 62.610                 | 56.487               | -11.390         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5176.750        | 91.823                 | 85.723               | N/A             | N/A            | 6.099       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:24 |
| Limit: FCC_Part15.209_RE(3m)                           | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz |                          |

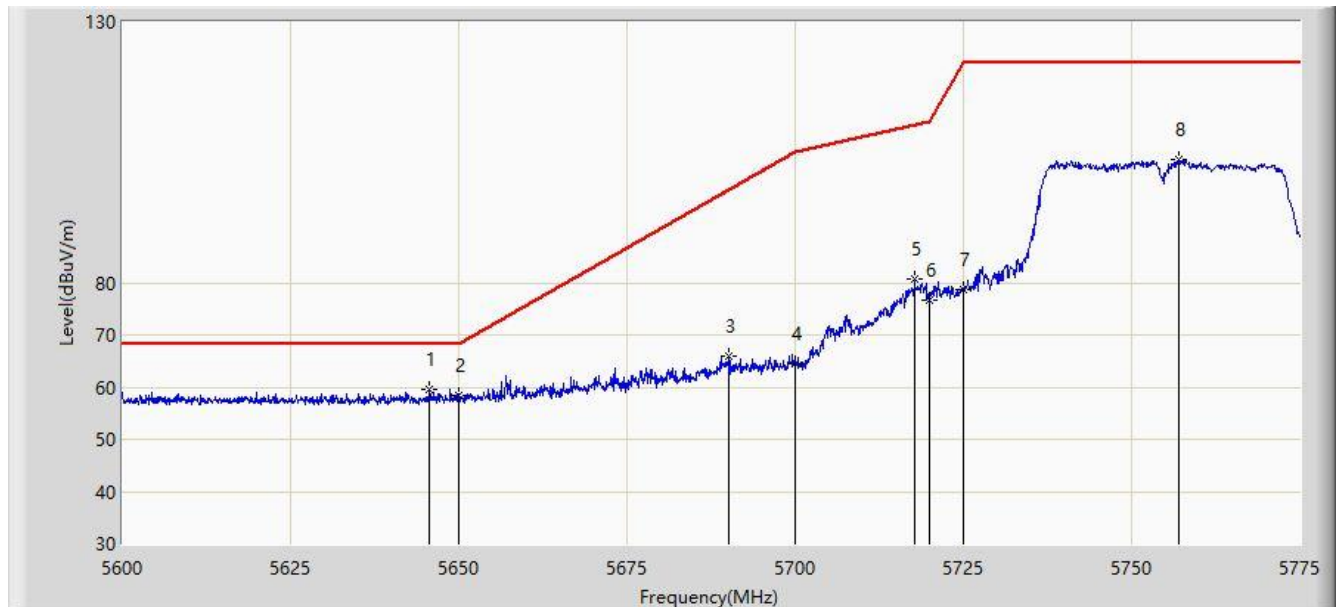


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 48.779                 | 42.656               | -5.221          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5176.700        | 82.099                 | 75.999               | N/A             | N/A            | 6.099       | AV   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:25 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz |                          |

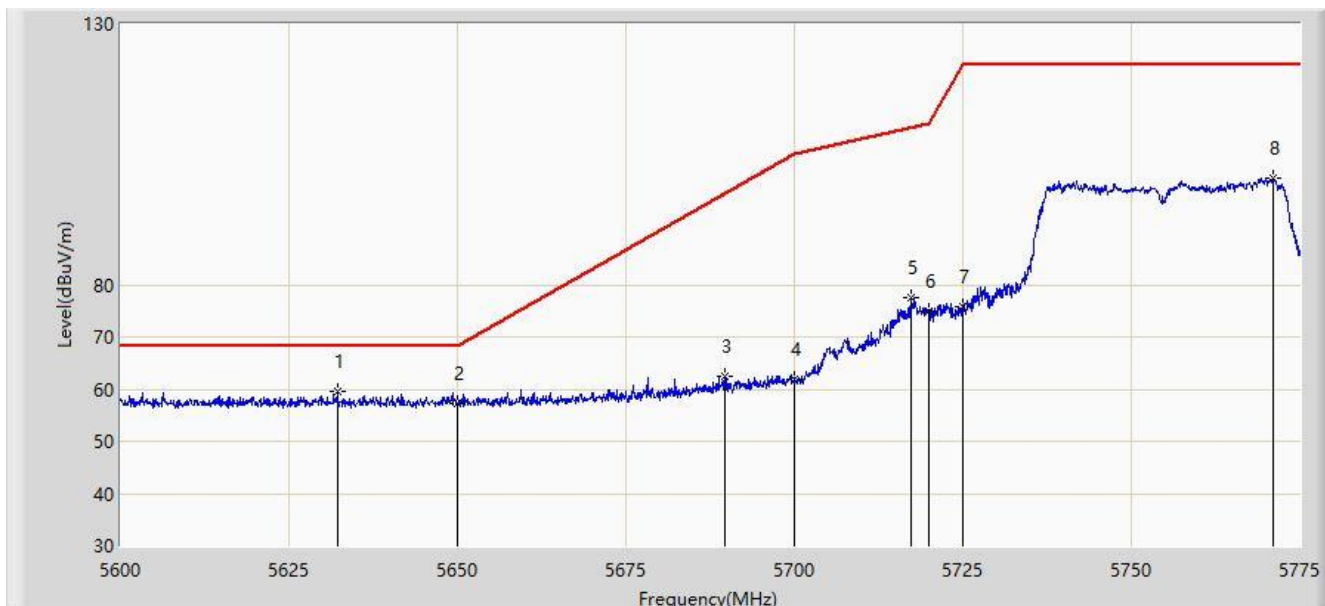


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5645.675        | 59.426                 | 52.467               | -8.774          | 68.200         | 6.958       | PK   |
| 2  |      |      | 5650.000        | 58.324                 | 51.341               | -9.876          | 68.200         | 6.983       | PK   |
| 3  |      |      | 5690.125        | 65.897                 | 58.928               | -32.021         | 97.918         | 6.970       | PK   |
| 4  |      |      | 5700.000        | 64.603                 | 57.625               | -40.597         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5717.775        | 80.725                 | 73.633               | -29.453         | 110.178        | 7.091       | PK   |
| 6  |      |      | 5720.000        | 76.782                 | 69.668               | -34.018         | 110.800        | 7.114       | PK   |
| 7  |      |      | 5725.000        | 78.769                 | 71.604               | -43.431         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5757.062        | 103.700                | 96.265               | N/A             | N/A            | 7.435       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:27 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz |                          |

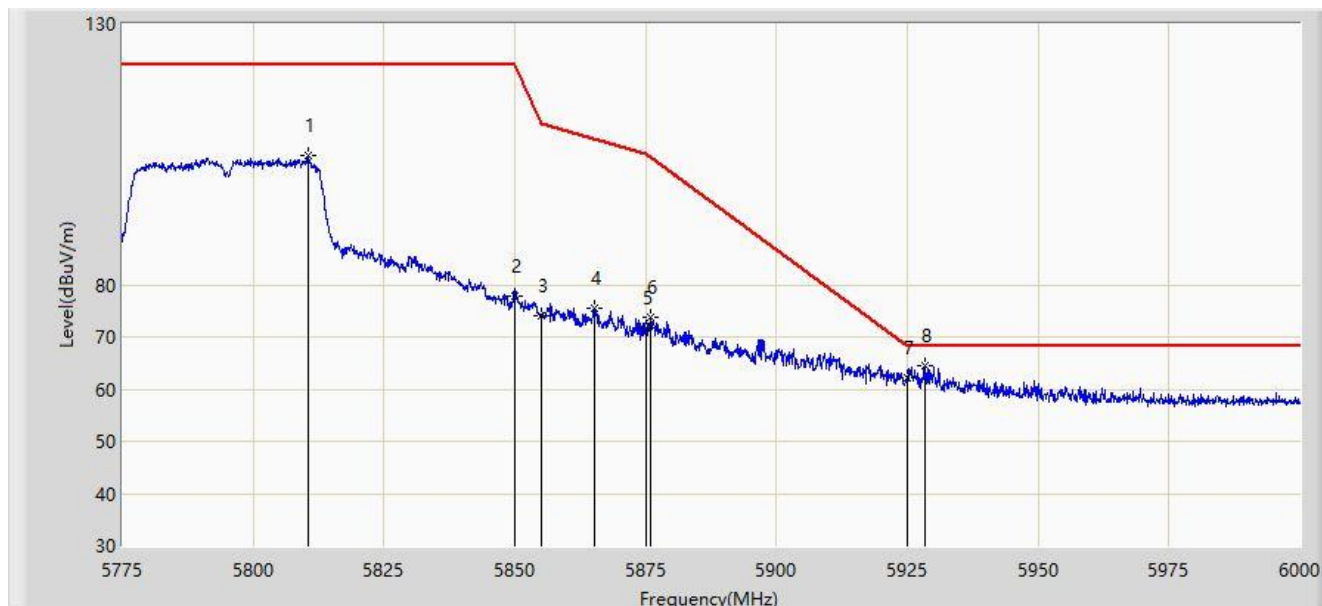


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5632.200        | 59.553                 | 52.694               | -8.647          | 68.200         | 6.859       | PK   |
| 2  |      |      | 5650.000        | 57.161                 | 50.178               | -11.039         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5689.600        | 62.463                 | 55.493               | -35.068         | 97.531         | 6.971       | PK   |
| 4  |      |      | 5700.000        | 62.012                 | 55.034               | -43.188         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5717.250        | 77.417                 | 70.331               | -32.614         | 110.031        | 7.086       | PK   |
| 6  |      |      | 5720.000        | 74.958                 | 67.844               | -35.842         | 110.800        | 7.114       | PK   |
| 7  |      |      | 5725.000        | 75.862                 | 68.697               | -46.338         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5771.062        | 100.398                | 92.959               | N/A             | N/A            | 7.440       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:28 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz |                          |

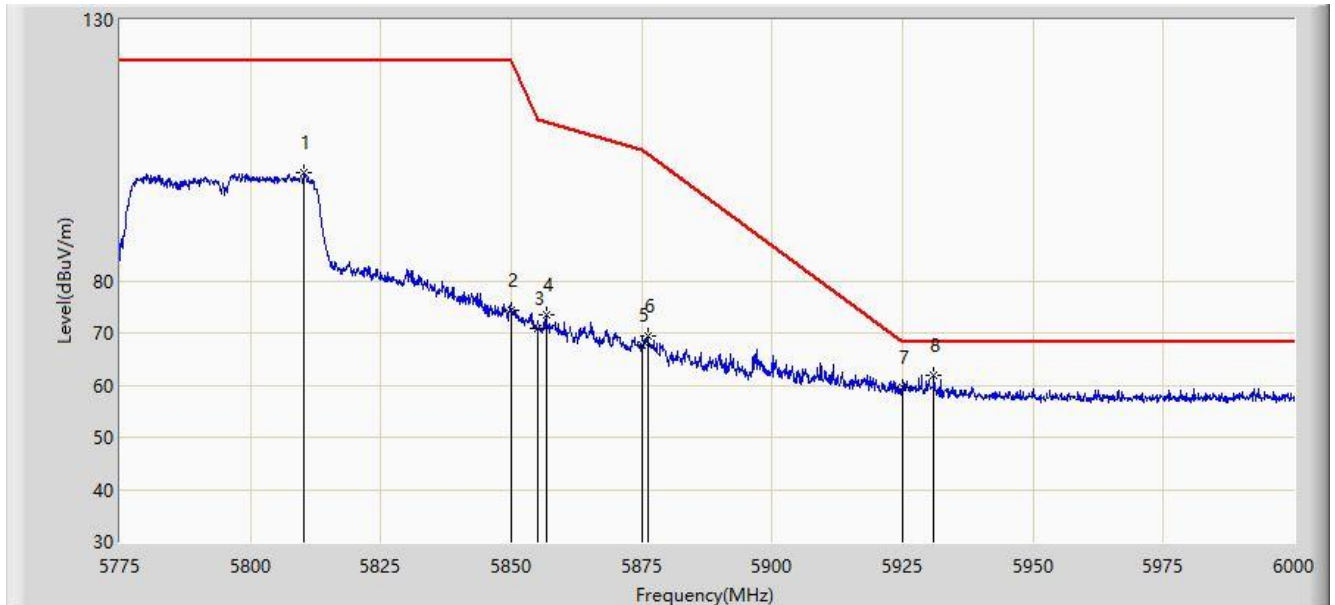


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5810.437        | 104.867                | 97.287               | N/A             | N/A            | 7.580       | PK   |
| 2  |      |      | 5850.000        | 77.941                 | 70.042               | -44.259         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 73.988                 | 66.082               | -36.812         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5865.112        | 75.601                 | 67.687               | -32.365         | 107.966        | 7.914       | PK   |
| 5  |      |      | 5875.000        | 71.604                 | 63.696               | -33.596         | 105.200        | 7.909       | PK   |
| 6  |      |      | 5876.025        | 73.824                 | 65.916               | -30.615         | 104.438        | 7.908       | PK   |
| 7  |      |      | 5925.000        | 62.281                 | 54.248               | -5.919          | 68.200         | 8.033       | PK   |
| 8  |      | *    | 5928.450        | 64.367                 | 56.310               | -3.833          | 68.200         | 8.057       | PK   |

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

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

|                                                        |                          |
|--------------------------------------------------------|--------------------------|
| Site: AC2                                              | Time: 2018/01/13 - 12:30 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                  | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                               | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz |                          |

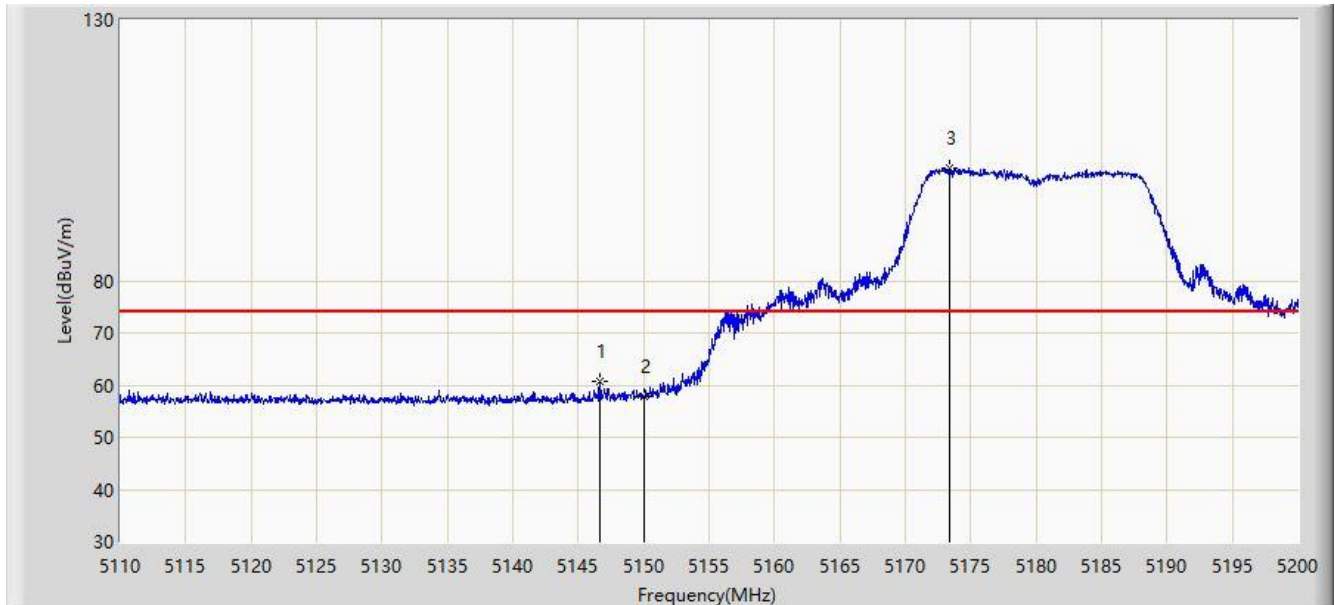


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5810.212        | 100.844                | 93.266               | N/A             | N/A            | 7.578       | PK   |
| 2  |      |      | 5850.000        | 74.227                 | 66.328               | -47.973         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 70.738                 | 62.832               | -40.062         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5856.675        | 73.382                 | 65.474               | -36.948         | 110.330        | 7.908       | PK   |
| 5  |      |      | 5875.000        | 67.625                 | 59.717               | -37.575         | 105.200        | 7.909       | PK   |
| 6  |      |      | 5876.138        | 69.494                 | 61.586               | -34.861         | 104.354        | 7.908       | PK   |
| 7  |      |      | 5925.000        | 59.656                 | 51.623               | -8.544          | 68.200         | 8.033       | PK   |
| 8  |      | *    | 5930.925        | 62.007                 | 53.938               | -6.193          | 68.200         | 8.069       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:32 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |

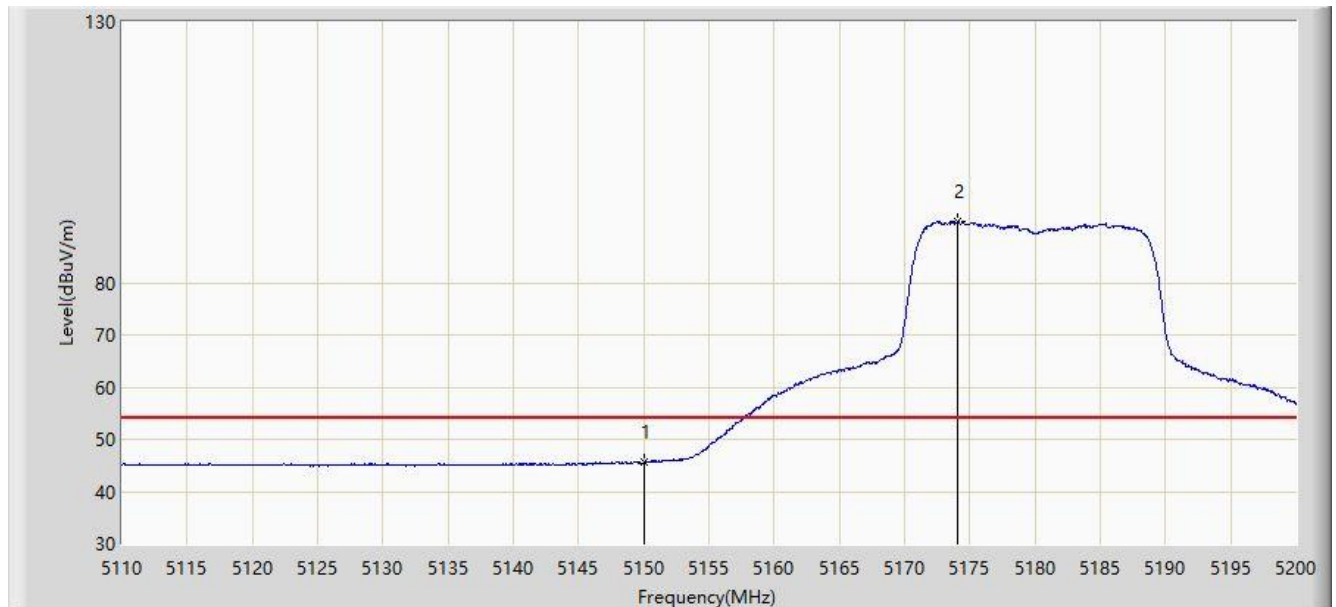


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5146.630        | 60.581                 | 54.466               | -13.419         | 74.000         | 6.115       | PK   |
| 2  |      |      | 5150.000        | 57.824                 | 51.701               | -16.176         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5173.360        | 101.659                | 95.550               | N/A             | N/A            | 6.109       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:33 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |

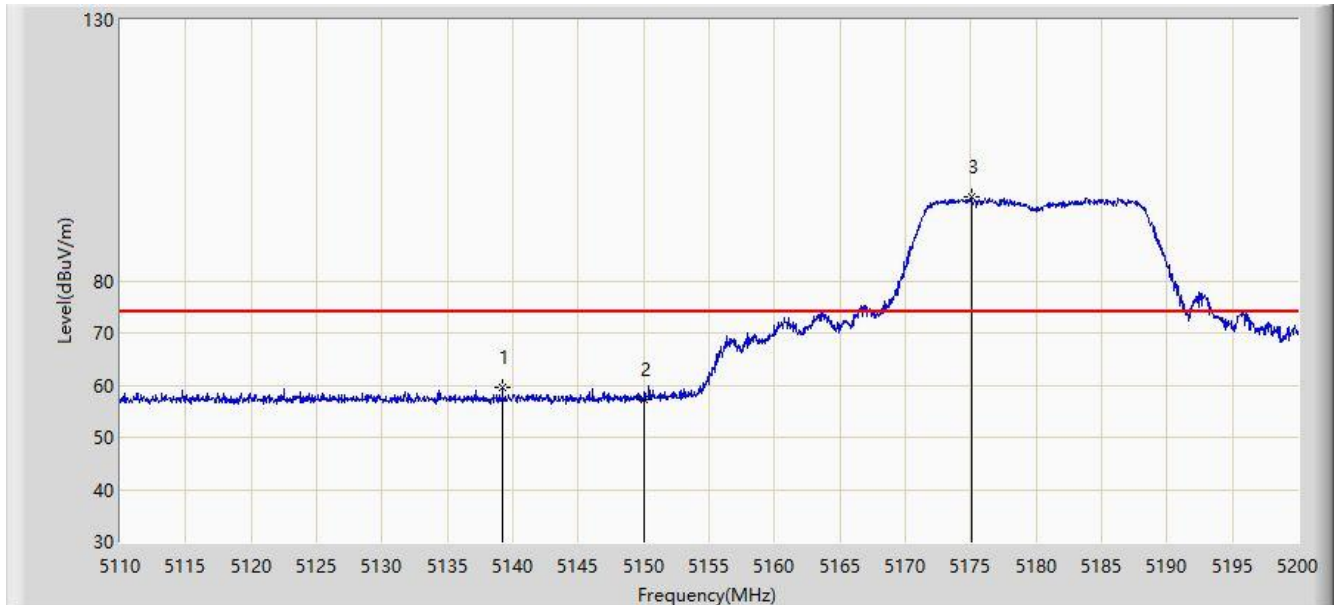


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 45.510                 | 39.387               | -8.490          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5174.080        | 91.705                 | 85.598               | N/A             | N/A            | 6.106       | AV   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:36 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |

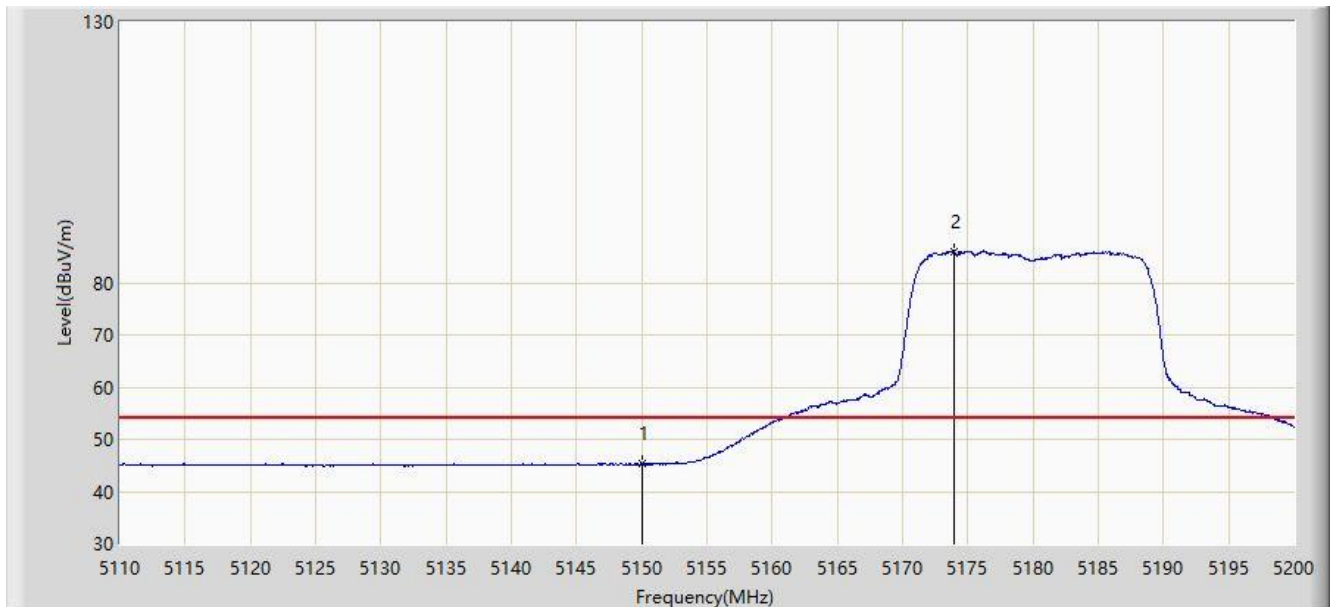


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5139.205        | 59.600                 | 53.506               | -14.400         | 74.000         | 6.094       | PK   |
| 2  |      |      | 5150.000        | 57.358                 | 51.235               | -16.642         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5175.070        | 96.175                 | 90.071               | N/A             | N/A            | 6.104       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:37 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |

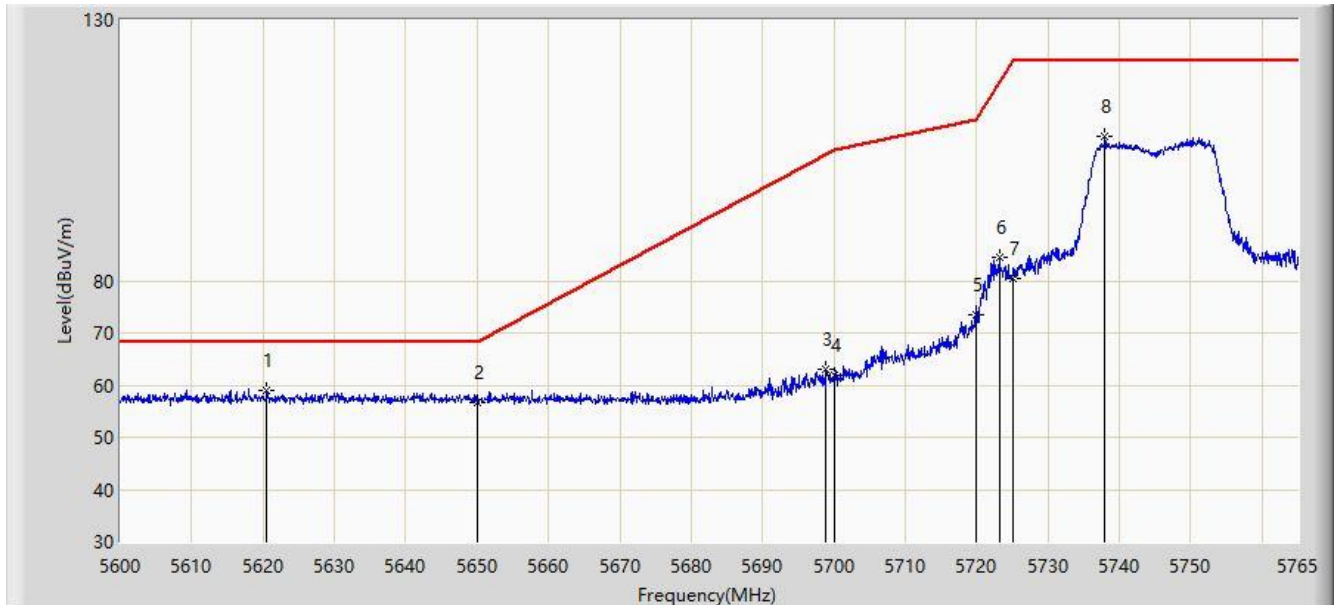


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 45.255                 | 39.132               | -8.745          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5173.900        | 86.069                 | 79.962               | N/A             | N/A            | 6.107       | AV   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:38 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz |                          |

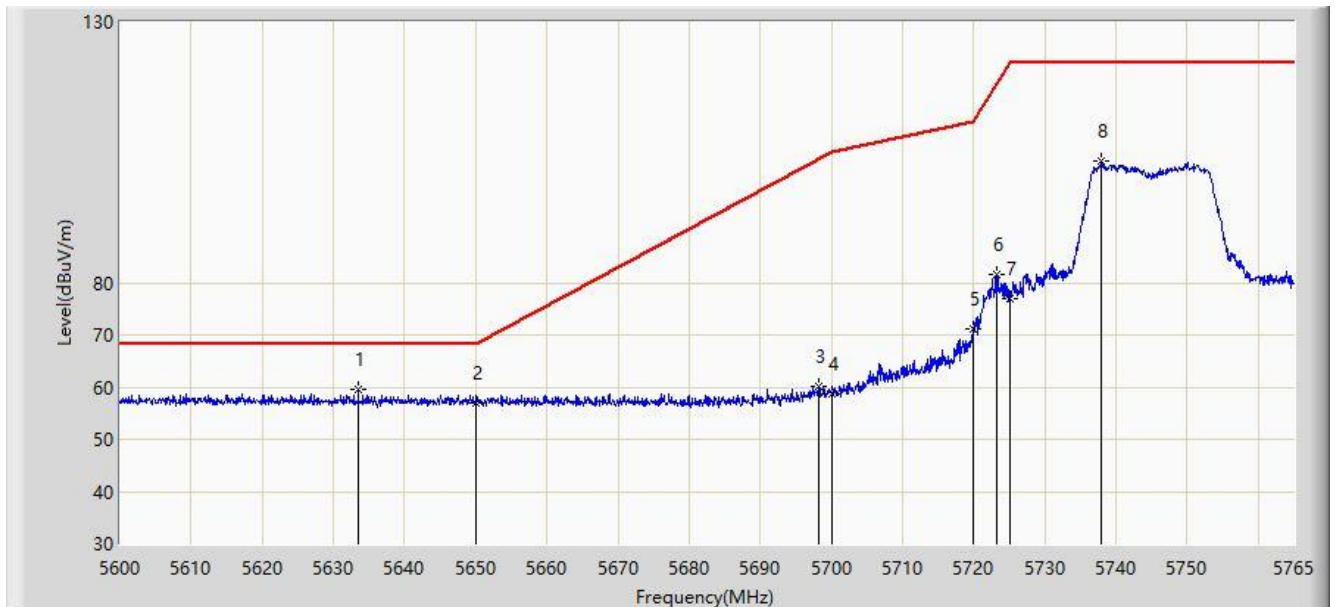


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5620.542        | 59.107                 | 52.343               | -9.093          | 68.200         | 6.764       | PK   |
| 2  |      |      | 5650.000        | 56.577                 | 49.594               | -11.623         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5698.917        | 62.928                 | 55.952               | -41.474         | 104.402        | 6.977       | PK   |
| 4  |      |      | 5700.000        | 61.744                 | 54.766               | -43.456         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 73.516                 | 66.402               | -37.284         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5723.172        | 84.464                 | 77.317               | -33.570         | 118.033        | 7.147       | PK   |
| 7  |      |      | 5725.000        | 80.519                 | 73.354               | -41.681         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5737.940        | 107.559                | 100.267              | N/A             | N/A            | 7.292       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:40 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz |                          |

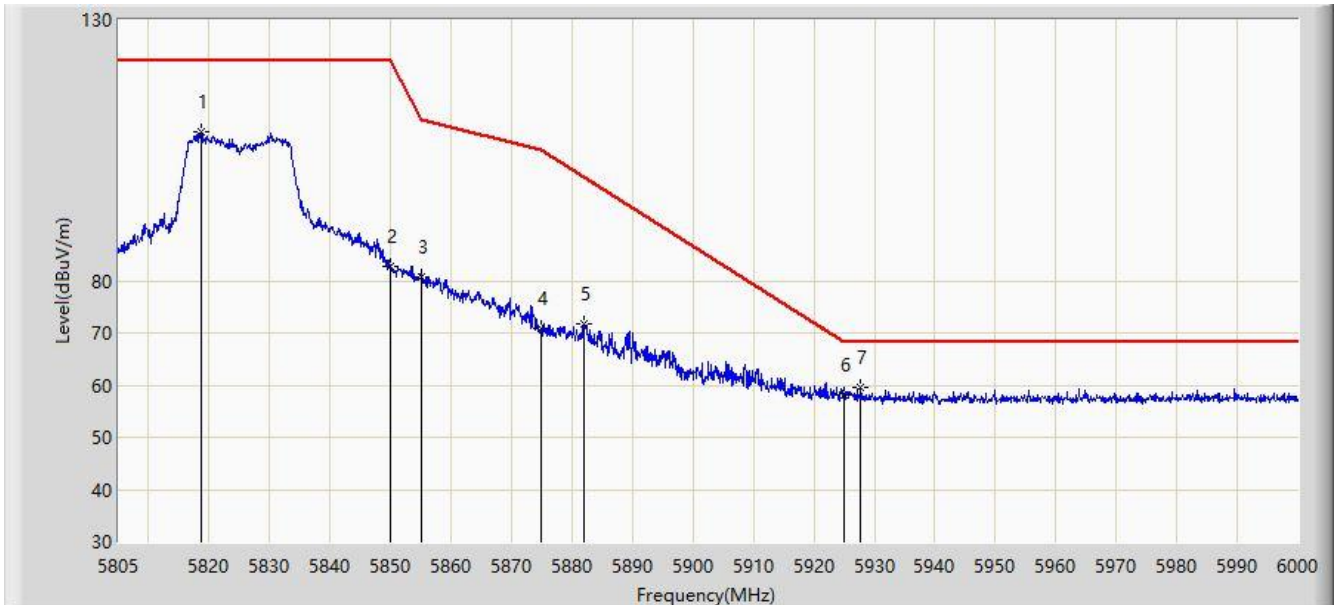


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5633.495        | 59.545                 | 52.675               | -8.655          | 68.200         | 6.870       | PK   |
| 2  |      |      | 5650.000        | 56.946                 | 49.963               | -11.254         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5698.175        | 60.285                 | 53.310               | -43.570         | 103.855        | 6.976       | PK   |
| 4  |      |      | 5700.000        | 58.839                 | 51.861               | -46.361         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 71.086                 | 63.972               | -39.714         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5723.172        | 81.494                 | 74.347               | -36.540         | 118.033        | 7.147       | PK   |
| 7  |      |      | 5725.000        | 76.817                 | 69.652               | -45.383         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5737.940        | 103.317                | 96.025               | N/A             | N/A            | 7.292       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:41 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz |                          |

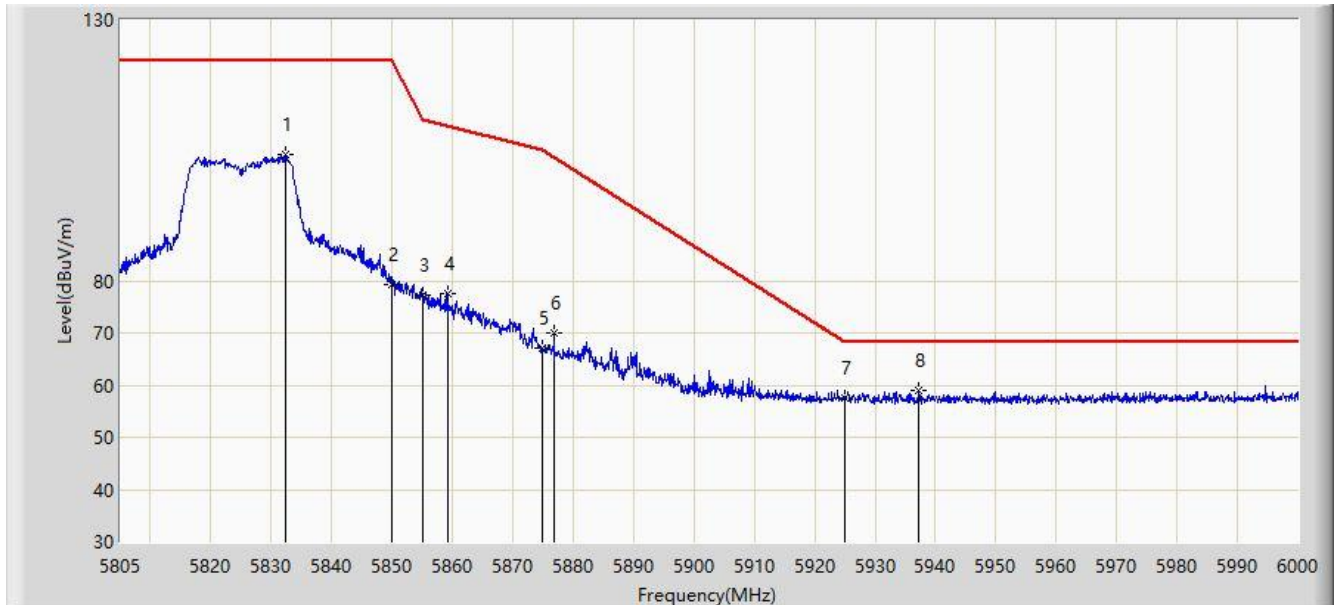


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5818.650        | 108.559                | 100.890              | N/A             | N/A            | 7.669       | PK   |
| 2  |      |      | 5850.000        | 82.670                 | 74.771               | -39.530         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 80.845                 | 72.939               | -29.955         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5875.000        | 70.931                 | 63.023               | -34.269         | 105.200        | 7.909       | PK   |
| 5  |      |      | 5882.025        | 71.766                 | 63.858               | -28.217         | 99.983         | 7.907       | PK   |
| 6  |      |      | 5925.000        | 58.244                 | 50.211               | -9.956          | 68.200         | 8.033       | PK   |
| 7  |      | *    | 5927.655        | 59.648                 | 51.597               | -8.552          | 68.200         | 8.051       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:43 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz |                          |

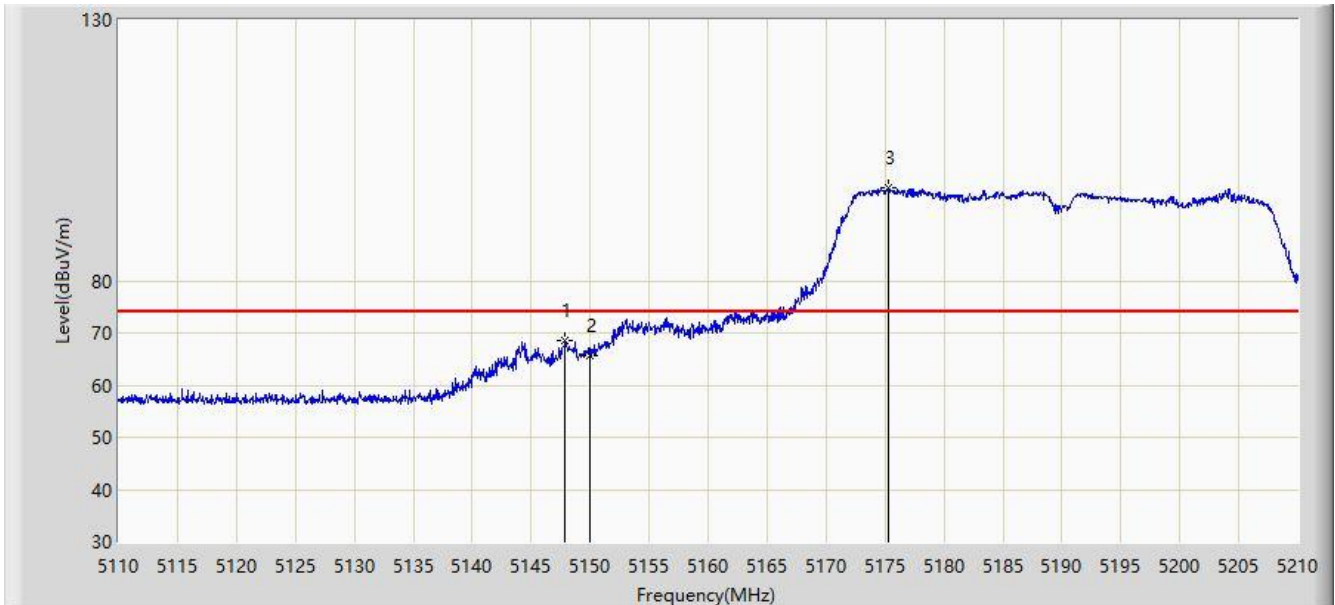


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5832.397        | 104.126                | 96.323               | N/A             | N/A            | 7.803       | PK   |
| 2  |      |      | 5850.000        | 79.316                 | 71.417               | -42.884         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 77.220                 | 69.314               | -33.580         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5859.210        | 77.406                 | 69.494               | -32.214         | 109.620        | 7.912       | PK   |
| 5  |      |      | 5875.000        | 67.183                 | 59.275               | -38.017         | 105.200        | 7.909       | PK   |
| 6  |      |      | 5876.857        | 70.011                 | 62.104               | -33.809         | 103.820        | 7.908       | PK   |
| 7  |      |      | 5925.000        | 57.522                 | 49.489               | -10.678         | 68.200         | 8.033       | PK   |
| 8  |      | *    | 5937.308        | 59.045                 | 50.967               | -9.155          | 68.200         | 8.078       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:48 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz |                          |

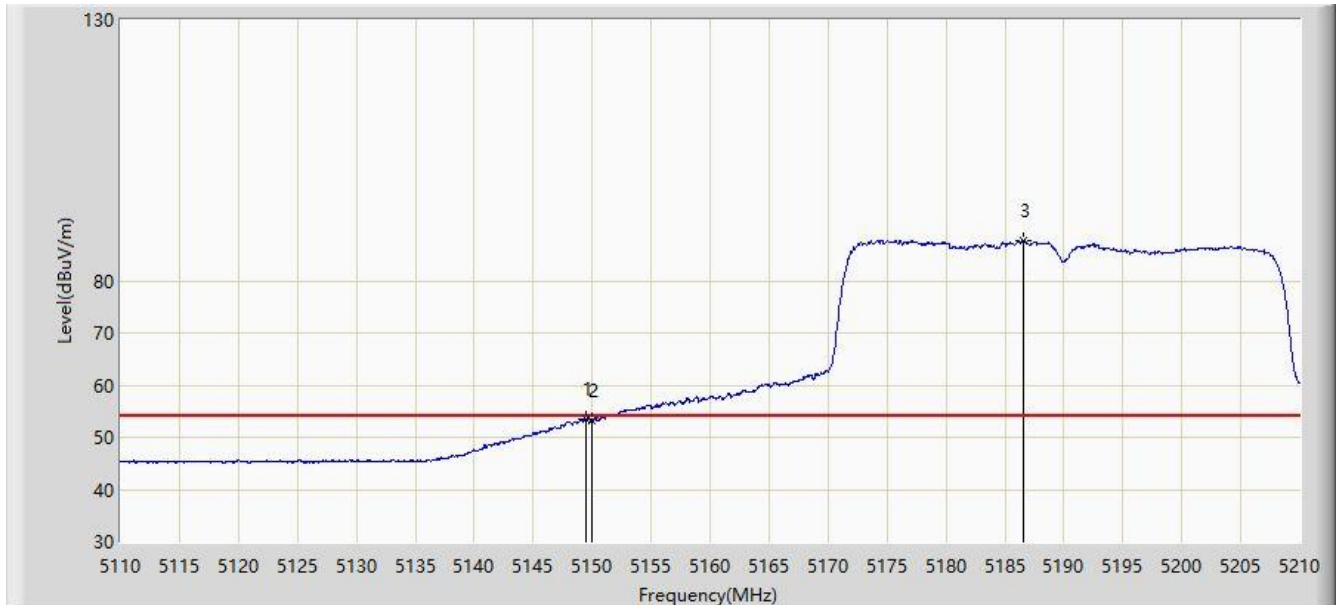


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5147.850        | 68.492                 | 62.374               | -5.508          | 74.000         | 6.119       | PK   |
| 2  |      |      | 5150.000        | 65.516                 | 59.393               | -8.484          | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5175.300        | 97.684                 | 91.580               | N/A             | N/A            | 6.103       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:47 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz |                          |

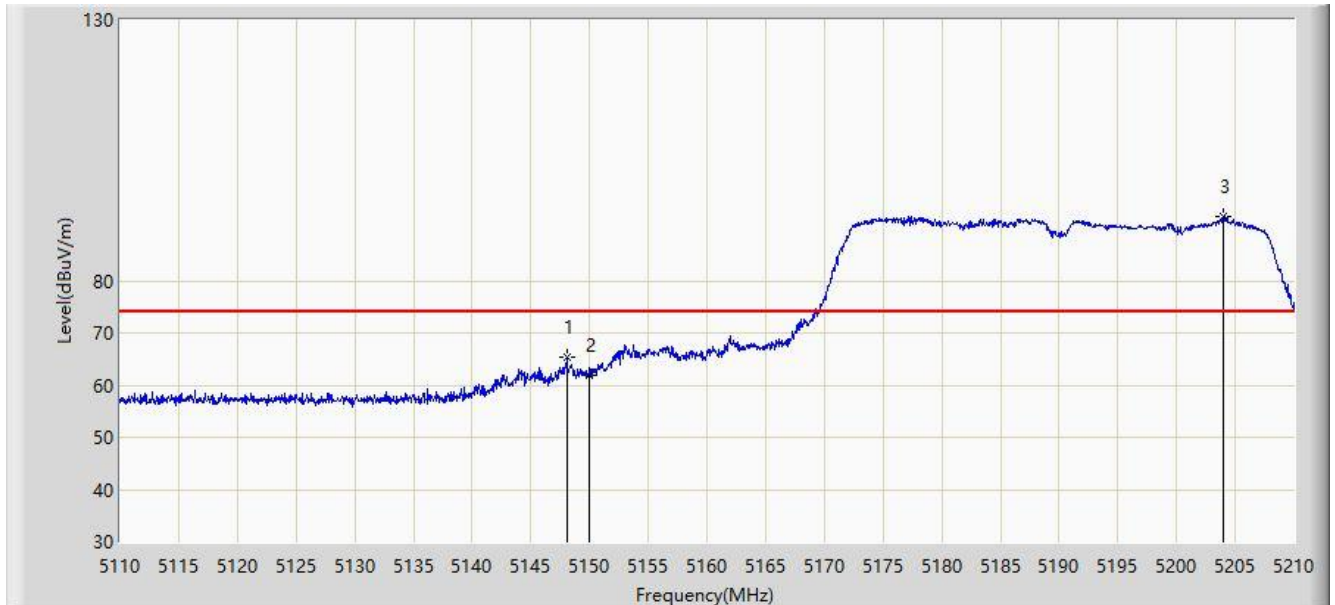


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5149.450        | 53.502                 | 47.380               | -0.498          | 54.000         | 6.122       | AV   |
| 2  |      |      | 5150.000        | 53.250                 | 47.127               | -0.750          | 54.000         | 6.123       | AV   |
| 3  |      | *    | 5186.550        | 87.625                 | 81.576               | N/A             | N/A            | 6.049       | AV   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:49 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz |                          |

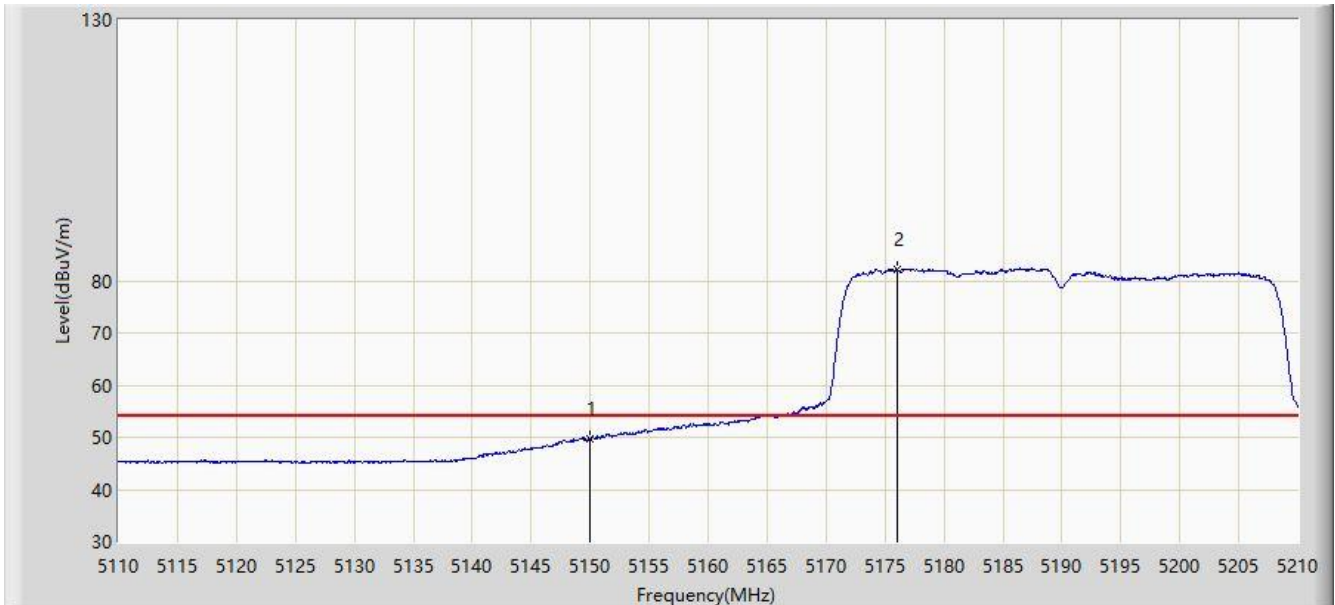


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5148.050        | 65.264                 | 59.145               | -8.736          | 74.000         | 6.119       | PK   |
| 2  |      |      | 5150.000        | 61.909                 | 55.786               | -12.091         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5204.000        | 92.348                 | 86.444               | N/A             | N/A            | 5.904       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:50 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz |                          |

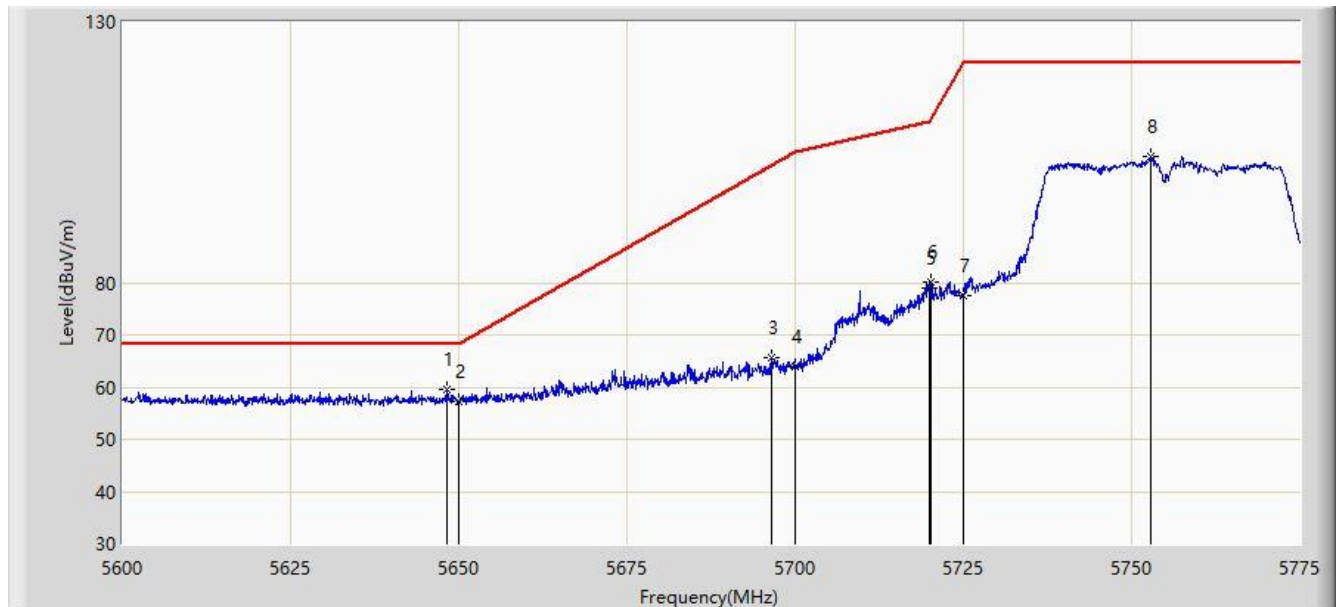


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 49.626                 | 43.503               | -4.374          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5176.050        | 82.289                 | 76.188               | N/A             | N/A            | 6.102       | AV   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:51 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz |                          |

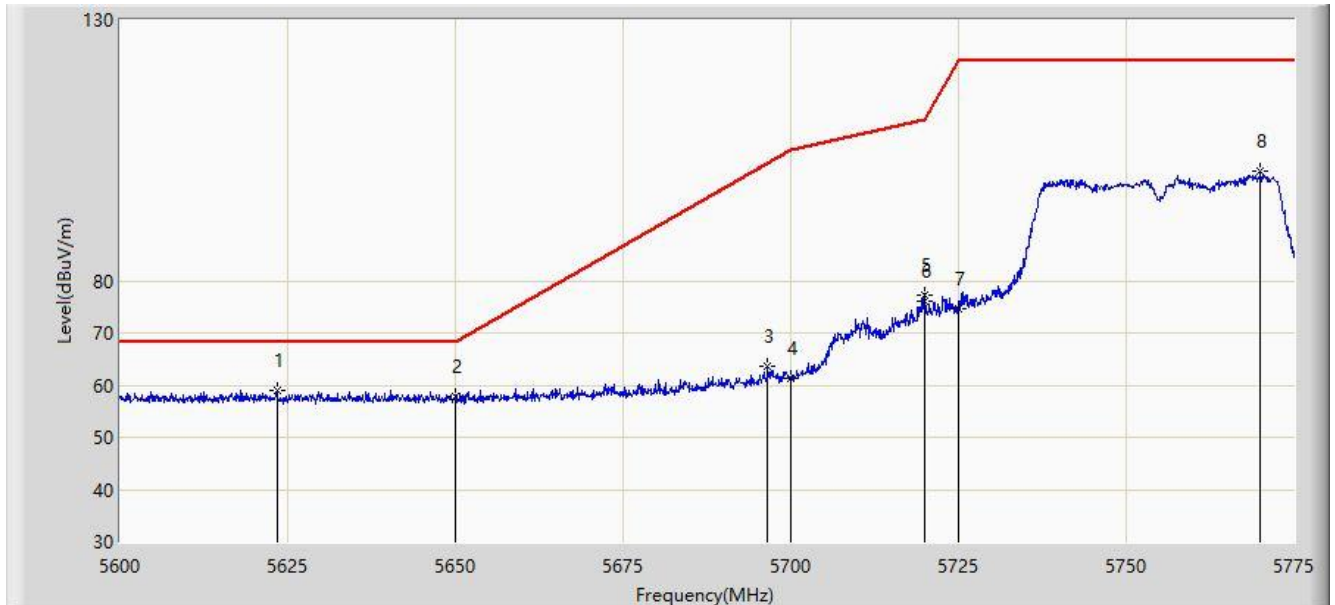


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5648.212        | 59.433                 | 52.460               | -8.767          | 68.200         | 6.973       | PK   |
| 2  |      |      | 5650.000        | 57.268                 | 50.285               | -10.932         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5696.600        | 65.652                 | 58.679               | -37.042         | 102.694        | 6.973       | PK   |
| 4  |      |      | 5700.000        | 64.011                 | 57.033               | -41.189         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 79.033                 | 71.919               | -31.767         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5720.138        | 80.193                 | 73.077               | -30.922         | 111.115        | 7.115       | PK   |
| 7  |      |      | 5725.000        | 77.478                 | 70.313               | -44.722         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5752.862        | 104.200                | 96.793               | N/A             | N/A            | 7.407       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:53 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz |                          |

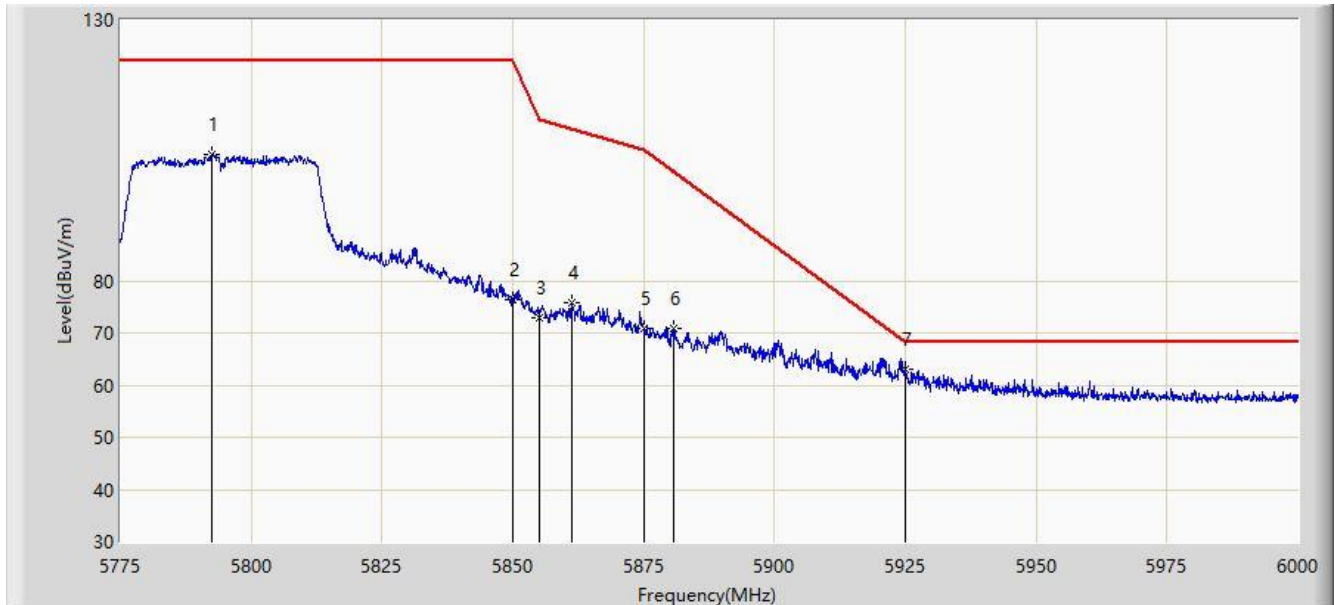


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5623.450        | 59.127                 | 52.340               | -9.073          | 68.200         | 6.786       | PK   |
| 2  |      |      | 5650.000        | 57.687                 | 50.704               | -10.513         | 68.200         | 6.983       | PK   |
| 3  |      |      | 5696.600        | 63.508                 | 56.535               | -39.186         | 102.694        | 6.973       | PK   |
| 4  |      |      | 5700.000        | 61.441                 | 54.463               | -43.759         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5719.962        | 77.142                 | 70.028               | -33.648         | 110.789        | 7.114       | PK   |
| 6  |      |      | 5720.000        | 76.062                 | 68.948               | -34.738         | 110.800        | 7.114       | PK   |
| 7  |      |      | 5725.000        | 74.727                 | 67.562               | -47.473         | 122.200        | 7.165       | PK   |
| 8  |      |      | 5770.013        | 100.882                | 93.442               | N/A             | N/A            | 7.440       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:55 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz |                          |

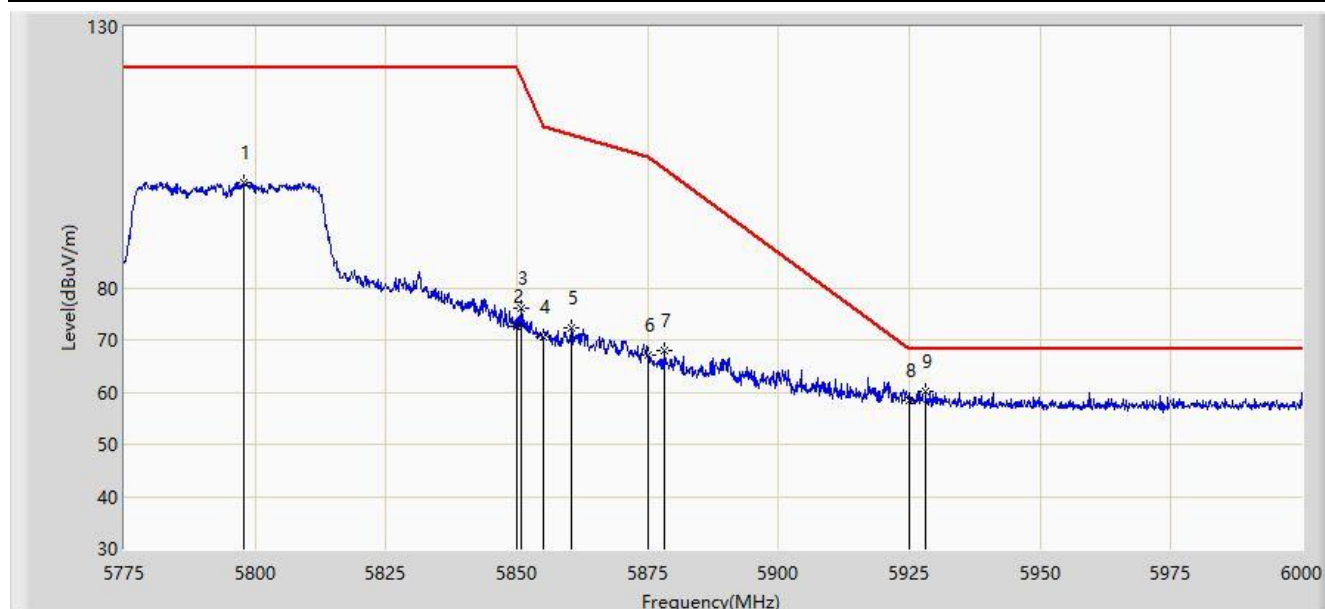


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5792.550        | 104.246                | 96.819               | N/A             | N/A            | 7.428       | PK   |
| 2  |      |      | 5850.000        | 76.245                 | 68.346               | -45.955         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5855.000        | 72.929                 | 65.023               | -37.871         | 110.800        | 7.905       | PK   |
| 4  |      |      | 5861.288        | 75.809                 | 67.894               | -33.229         | 109.037        | 7.915       | PK   |
| 5  |      |      | 5875.000        | 70.979                 | 63.071               | -34.221         | 105.200        | 7.909       | PK   |
| 6  |      |      | 5880.862        | 70.973                 | 63.066               | -29.873         | 100.846        | 7.907       | PK   |
| 7  |      | *    | 5925.000        | 62.969                 | 54.936               | -5.231          | 68.200         | 8.033       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 12:57 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz |                          |

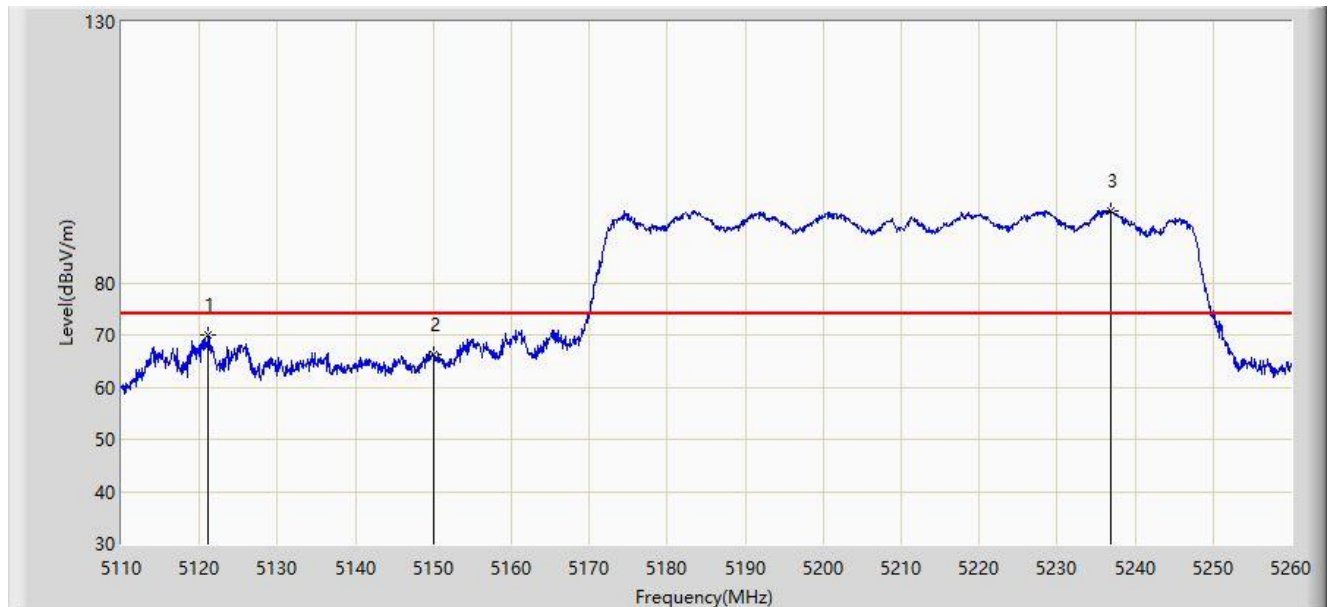


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5797.725        | 100.164                | 92.702               | N/A             | N/A            | 7.462       | PK   |
| 2  |      |      | 5850.000        | 72.471                 | 64.572               | -49.729         | 122.200        | 7.899       | PK   |
| 3  |      |      | 5850.937        | 76.154                 | 68.254               | -43.909         | 120.063        | 7.899       | PK   |
| 4  |      |      | 5855.000        | 70.635                 | 62.729               | -40.165         | 110.800        | 7.905       | PK   |
| 5  |      |      | 5860.500        | 72.303                 | 64.389               | -36.956         | 109.258        | 7.913       | PK   |
| 6  |      |      | 5875.000        | 67.075                 | 59.167               | -38.125         | 105.200        | 7.909       | PK   |
| 7  |      |      | 5878.275        | 67.862                 | 59.956               | -34.904         | 102.767        | 7.906       | PK   |
| 8  |      |      | 5925.000        | 58.512                 | 50.479               | -9.688          | 68.200         | 8.033       | PK   |
| 9  |      | *    | 5928.112        | 60.173                 | 52.118               | -8.027          | 68.200         | 8.055       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 13:05 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz |                          |

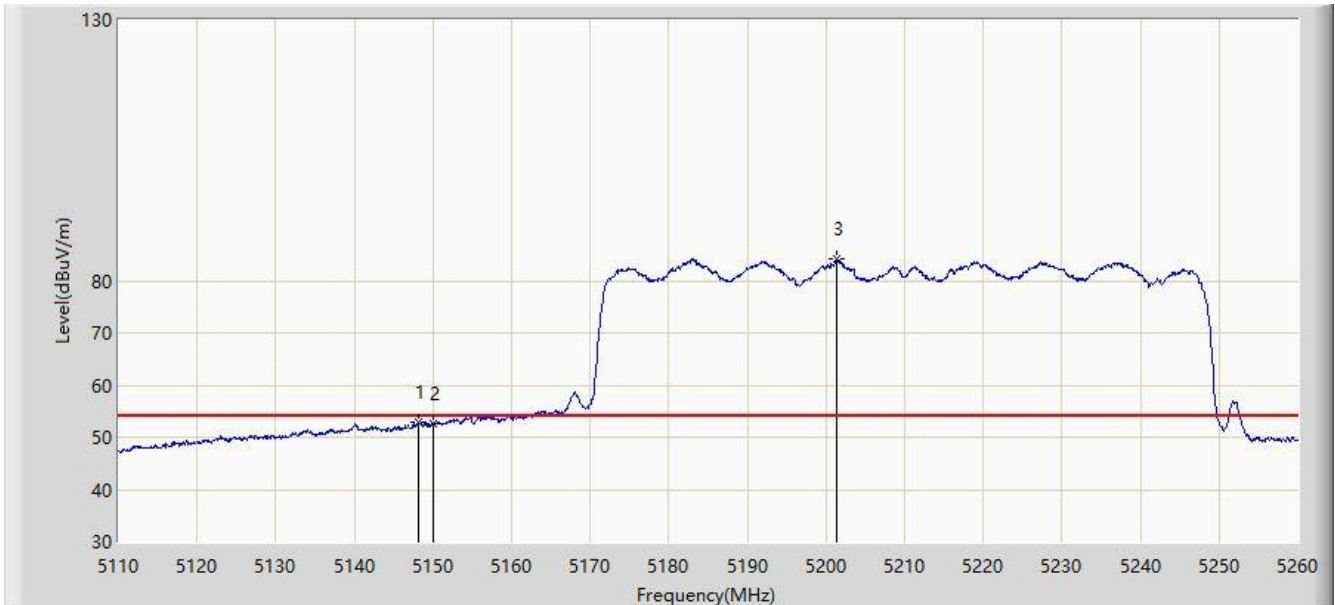


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5121.100        | 69.858                 | 63.743               | -4.142          | 74.000         | 6.115       | PK   |
| 2  |      |      | 5150.000        | 66.233                 | 60.110               | -7.767          | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5236.825        | 93.845                 | 88.072               | N/A             | N/A            | 5.774       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 13:02 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz |                          |

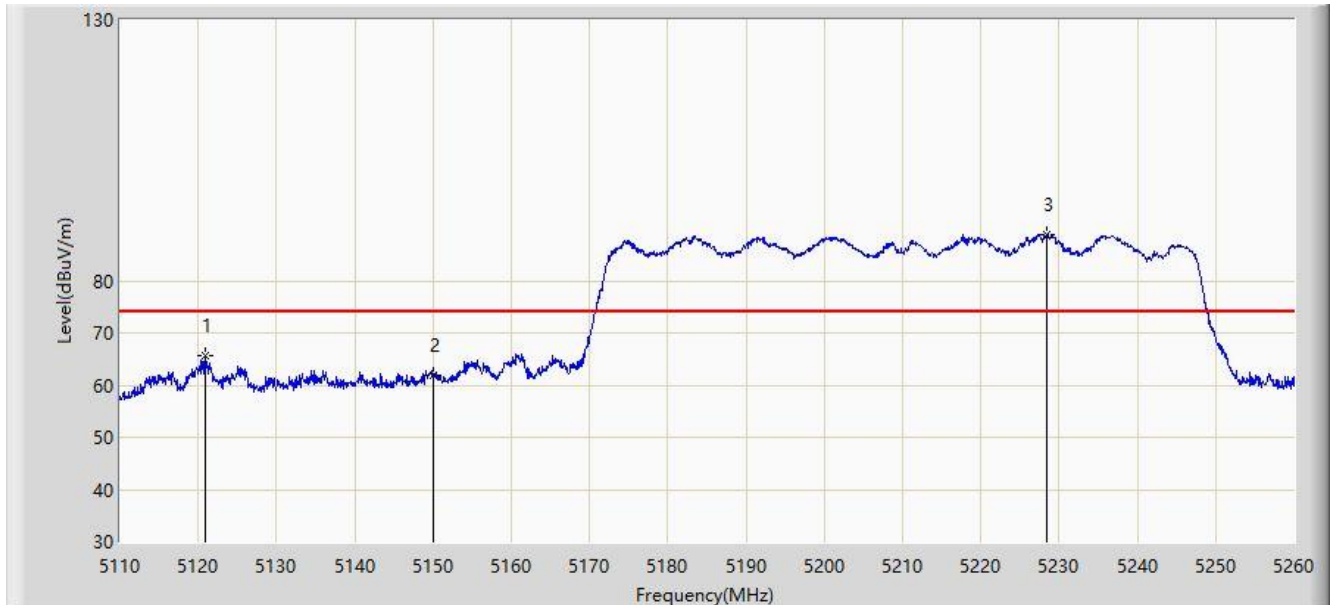


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5148.100        | 52.851                 | 46.732               | -1.149          | 54.000         | 6.119       | AV   |
| 2  |      |      | 5150.000        | 52.507                 | 46.384               | -1.493          | 54.000         | 6.123       | AV   |
| 3  |      | *    | 5201.350        | 84.077                 | 78.148               | N/A             | N/A            | 5.929       | AV   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 13:06 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz |                          |

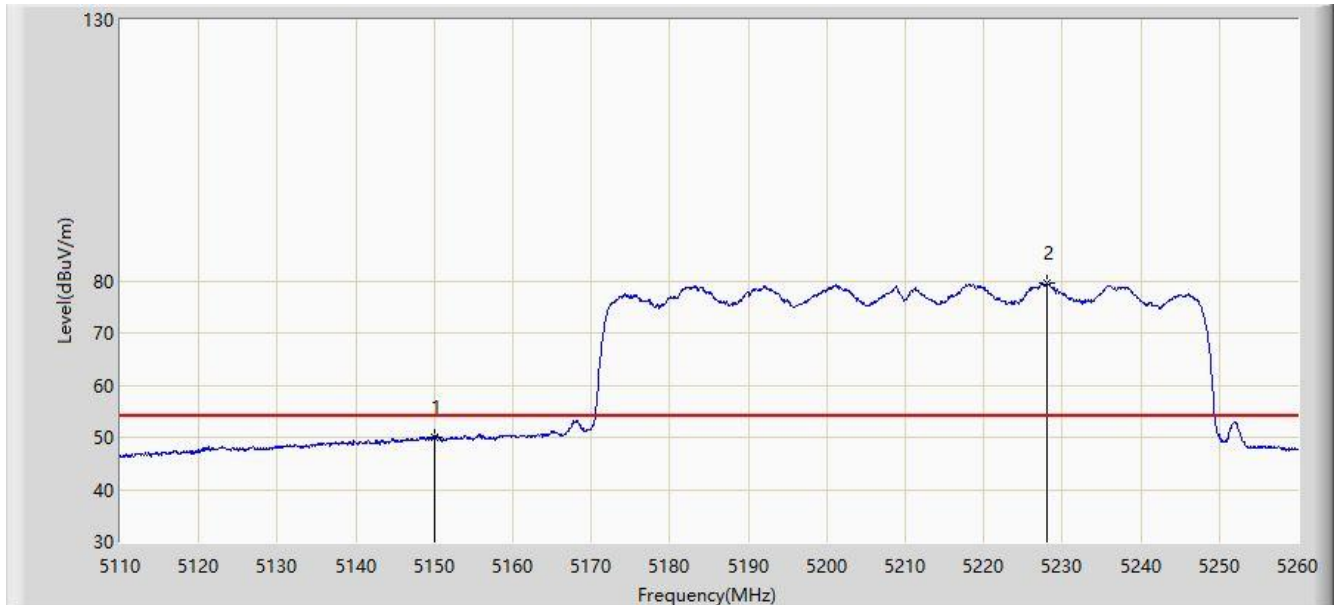


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5120.875        | 65.723                 | 59.607               | -8.277          | 74.000         | 6.116       | PK   |
| 2  |      |      | 5150.000        | 61.893                 | 55.770               | -12.107         | 74.000         | 6.123       | PK   |
| 3  |      | *    | 5228.425        | 88.981                 | 83.204               | N/A             | N/A            | 5.777       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 13:07 |
| Limit: FCC_Part15.209_RE(3m)                             | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz |                          |

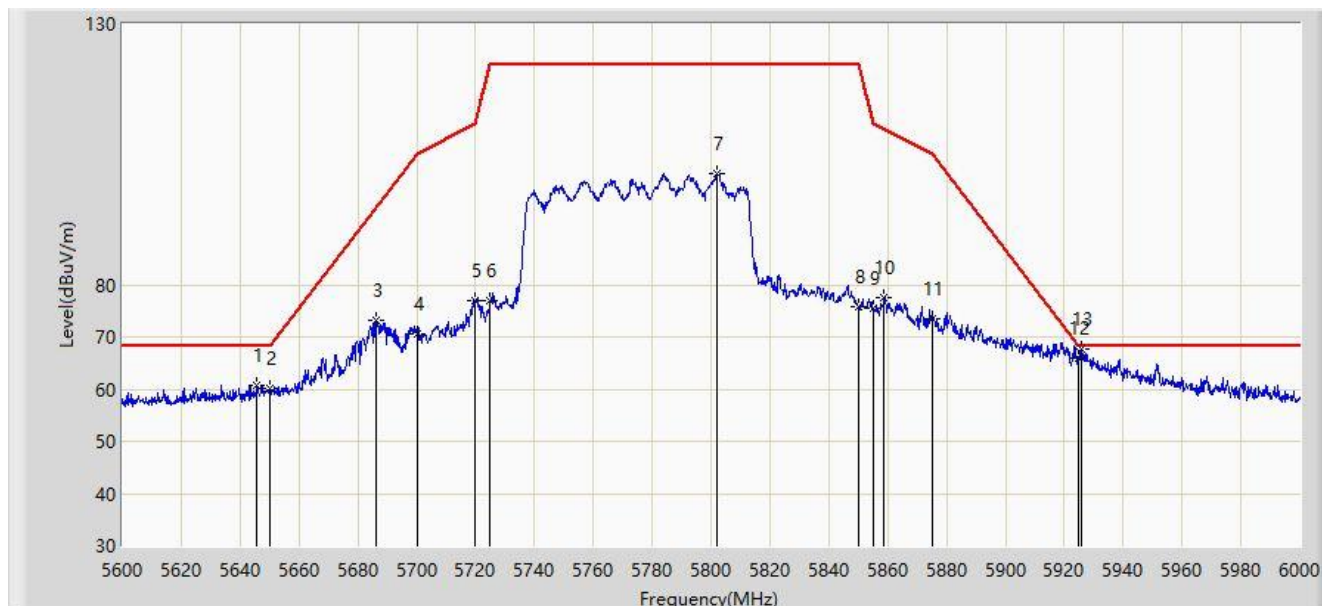


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 50.114                 | 43.991               | -3.886          | 54.000         | 6.123       | AV   |
| 2  |      | *    | 5227.975        | 79.543                 | 73.765               | N/A             | N/A            | 5.777       | AV   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 13:14 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Horizontal     |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz |                          |

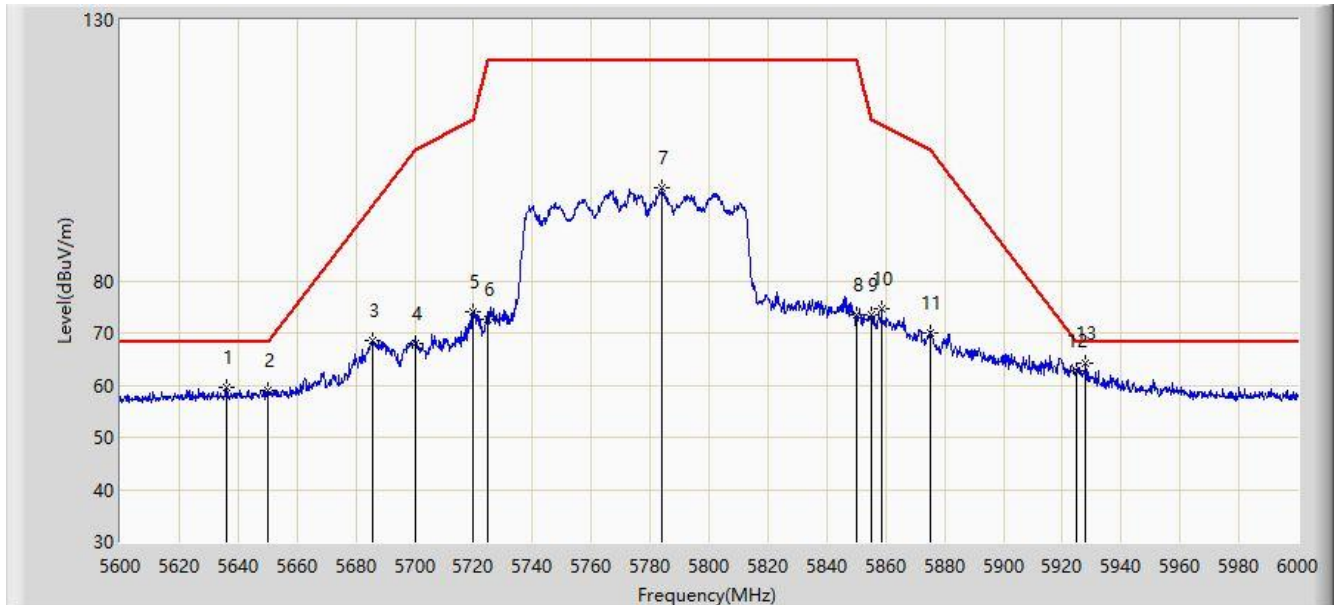


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5645.800        | 60.672                 | 53.713               | -7.528          | 68.200         | 6.960       | PK   |
| 2  |      |      | 5650.000        | 60.196                 | 53.213               | -8.004          | 68.200         | 6.983       | PK   |
| 3  |      |      | 5686.200        | 73.133                 | 66.158               | -21.887         | 95.021         | 6.976       | PK   |
| 4  |      |      | 5700.000        | 70.579                 | 63.601               | -34.621         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 76.919                 | 69.805               | -33.881         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5725.000        | 76.966                 | 69.801               | -45.234         | 122.200        | 7.165       | PK   |
| 7  |      |      | 5802.000        | 101.425                | 93.924               | N/A             | N/A            | 7.501       | PK   |
| 8  |      |      | 5850.000        | 75.723                 | 67.824               | -46.477         | 122.200        | 7.899       | PK   |
| 9  |      |      | 5855.000        | 75.572                 | 67.666               | -35.228         | 110.800        | 7.905       | PK   |
| 10 |      |      | 5858.800        | 77.488                 | 69.577               | -32.246         | 109.735        | 7.911       | PK   |
| 11 |      |      | 5875.000        | 73.355                 | 65.447               | -31.845         | 105.200        | 7.909       | PK   |
| 12 |      |      | 5925.000        | 65.878                 | 57.845               | -2.322          | 68.200         | 8.033       | PK   |
| 13 |      | *    | 5925.600        | 67.598                 | 59.561               | -0.602          | 68.200         | 8.037       | PK   |

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

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

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Site: AC2                                                | Time: 2018/01/13 - 13:16 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                    | Engineer: Snake Ni       |
| Probe: BBHA9120D_1-18GHz                                 | Polarity: Vertical       |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                  | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5636.200        | 59.700                 | 52.808               | -8.500          | 68.200         | 6.892       | PK   |
| 2  |      |      | 5650.000        | 59.068                 | 52.085               | -9.132          | 68.200         | 6.983       | PK   |
| 3  |      |      | 5685.800        | 68.485                 | 61.509               | -26.240         | 94.725         | 6.976       | PK   |
| 4  |      |      | 5700.000        | 67.930                 | 60.952               | -37.270         | 105.200        | 6.978       | PK   |
| 5  |      |      | 5720.000        | 74.162                 | 67.048               | -36.638         | 110.800        | 7.114       | PK   |
| 6  |      |      | 5725.000        | 72.483                 | 65.318               | -49.717         | 122.200        | 7.165       | PK   |
| 7  |      |      | 5784.000        | 97.687                 | 90.258               | N/A             | N/A            | 7.429       | PK   |
| 8  |      |      | 5850.000        | 73.542                 | 65.643               | -48.658         | 122.200        | 7.899       | PK   |
| 9  |      |      | 5855.000        | 73.335                 | 65.429               | -37.465         | 110.800        | 7.905       | PK   |
| 10 |      |      | 5858.600        | 74.601                 | 66.690               | -35.190         | 109.791        | 7.912       | PK   |
| 11 |      |      | 5875.000        | 69.926                 | 62.018               | -35.274         | 105.200        | 7.909       | PK   |
| 12 |      |      | 5925.000        | 62.610                 | 54.577               | -5.590          | 68.200         | 8.033       | PK   |
| 13 |      | *    | 5928.000        | 64.301                 | 56.247               | -3.899          | 68.200         | 8.054       | PK   |

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

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

## 7.9. AC Conducted Emissions Measurement

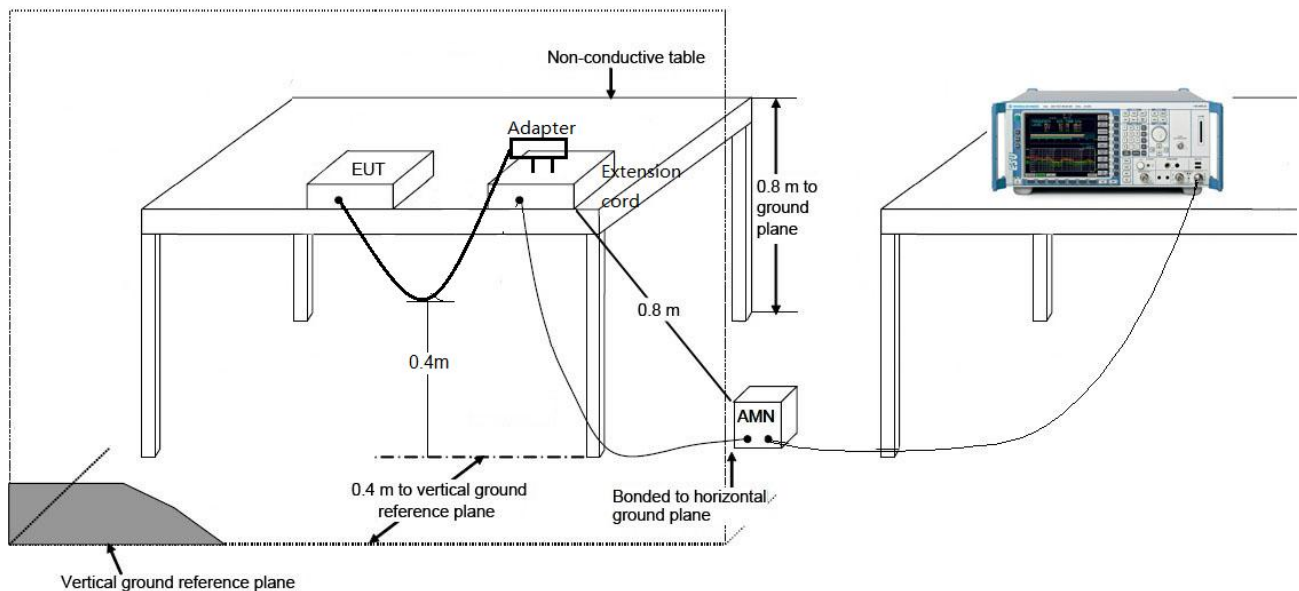
### 7.9.1. Test Limit

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

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

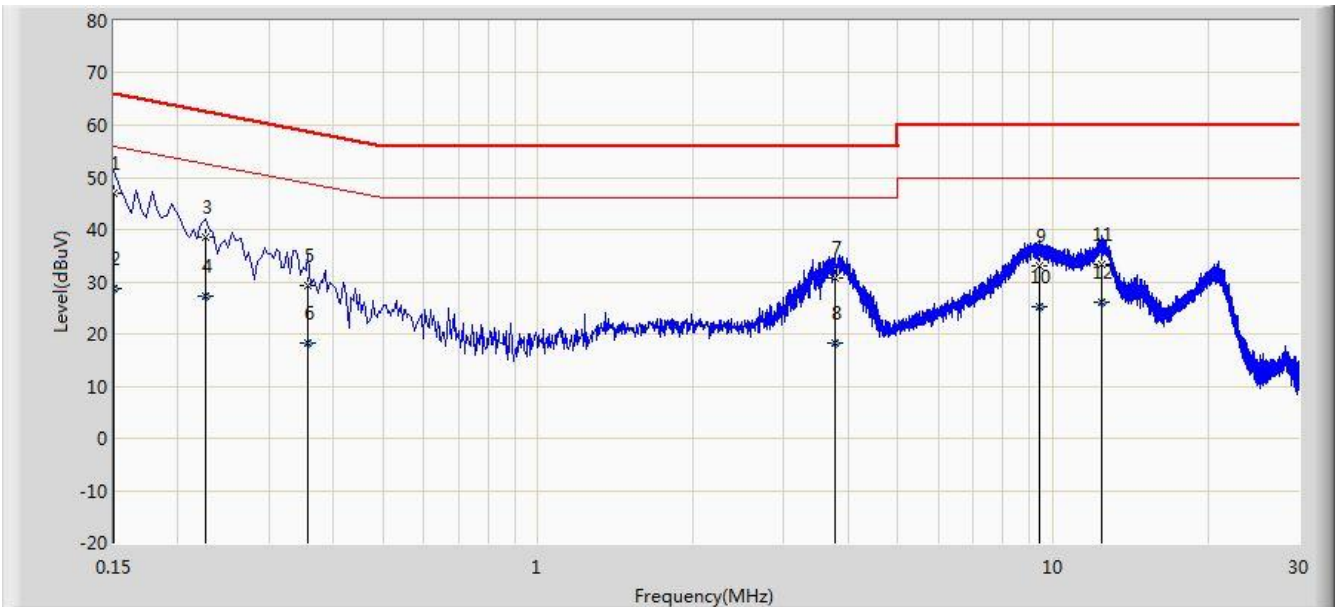
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.9.2. Test Setup



### 7.9.3.Test Result

|                                                                       |                          |
|-----------------------------------------------------------------------|--------------------------|
| Site: SR2                                                             | Time: 2018/01/25 - 11:45 |
| Limit: FCC_Part15.107_CE_Class B                                      | Engineer: Polly Zong     |
| Probe: ENV216_101683_Filter On                                        | Polarity: Line           |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                               | Power: AC 120V/60Hz      |
| <b>Worst Case Mode:</b> Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |

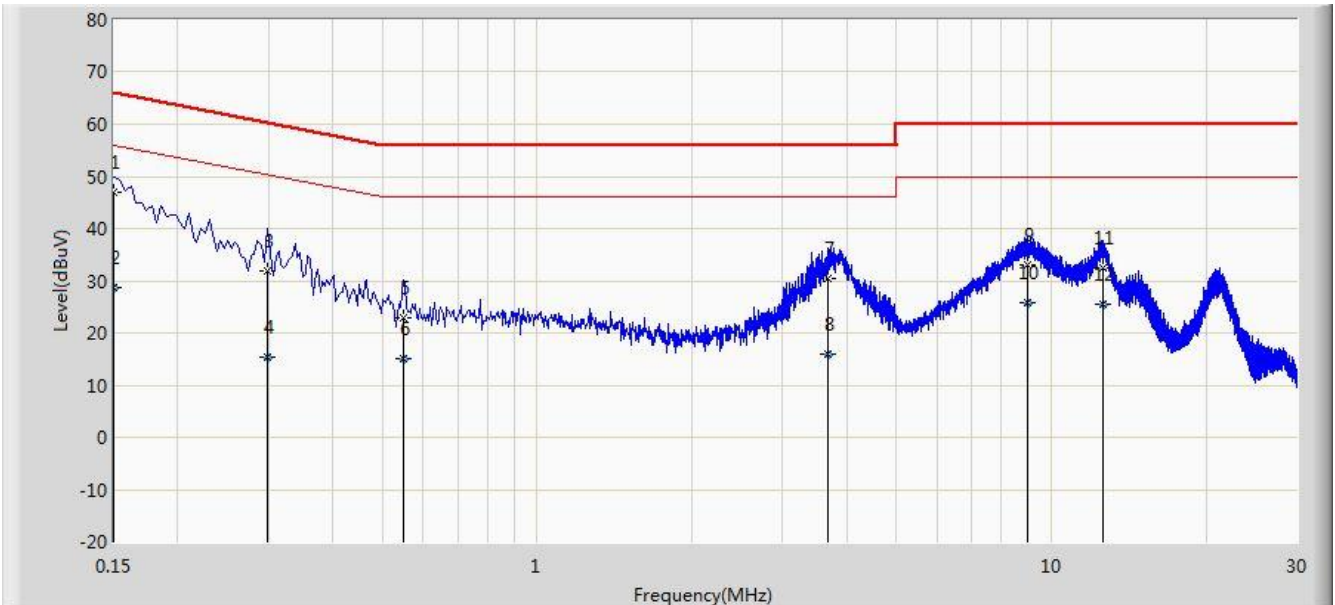


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Factor (dB) | Type |
|----|------|------|-----------------|----------------------|----------------------|-----------------|--------------|-------------|------|
| 1  |      | *    | 0.150           | 46.878               | 35.709               | -19.122         | 66.000       | 11.168      | QP   |
| 2  |      |      | 0.150           | 28.761               | 17.593               | -27.239         | 56.000       | 11.168      | AV   |
| 3  |      |      | 0.226           | 38.574               | 28.630               | -24.021         | 62.595       | 9.944       | QP   |
| 4  |      |      | 0.226           | 27.307               | 17.363               | -25.288         | 52.595       | 9.944       | AV   |
| 5  |      |      | 0.358           | 29.416               | 19.365               | -29.359         | 58.775       | 10.051      | QP   |
| 6  |      |      | 0.358           | 18.282               | 8.231                | -30.493         | 48.775       | 10.051      | AV   |
| 7  |      |      | 3.770           | 30.667               | 20.708               | -25.333         | 56.000       | 9.958       | QP   |
| 8  |      |      | 3.770           | 18.236               | 8.277                | -27.764         | 46.000       | 9.958       | AV   |
| 9  |      |      | 9.402           | 32.962               | 22.813               | -27.038         | 60.000       | 10.149      | QP   |
| 10 |      |      | 9.402           | 25.302               | 15.153               | -24.698         | 50.000       | 10.149      | AV   |
| 11 |      |      | 12.418          | 33.323               | 23.250               | -26.677         | 60.000       | 10.072      | QP   |
| 12 |      |      | 12.418          | 26.181               | 16.108               | -23.819         | 50.000       | 10.072      | AV   |

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

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

|                                                                       |                          |
|-----------------------------------------------------------------------|--------------------------|
| Site: SR2                                                             | Time: 2018/01/25 - 11:51 |
| Limit: FCC_Part15.107_CE_Class B                                      | Engineer: Polly Zong     |
| Probe: ENV216_101683_Filter On                                        | Polarity: Neutral        |
| EUT: Speed Dome Camera (1080P WiFi PTZ)                               | Power: AC 120V/60Hz      |
| <b>Worst Case Mode:</b> Transmit by 802.11ac-VHT20 at Channel 5180MHz |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Factor (dB) | Type |
|----|------|------|-----------------|----------------------|----------------------|-----------------|--------------|-------------|------|
| 1  |      | *    | 0.150           | 47.038               | 35.896               | -18.962         | 66.000       | 11.142      | QP   |
| 2  |      |      | 0.150           | 28.794               | 17.652               | -27.206         | 56.000       | 11.142      | AV   |
| 3  |      |      | 0.298           | 31.921               | 21.885               | -28.377         | 60.298       | 10.036      | QP   |
| 4  |      |      | 0.298           | 15.427               | 5.391                | -34.871         | 50.298       | 10.036      | AV   |
| 5  |      |      | 0.550           | 22.998               | 12.839               | -33.002         | 56.000       | 10.159      | QP   |
| 6  |      |      | 0.550           | 15.079               | 4.921                | -30.921         | 46.000       | 10.159      | AV   |
| 7  |      |      | 3.682           | 30.521               | 20.576               | -25.479         | 56.000       | 9.945       | QP   |
| 8  |      |      | 3.682           | 15.979               | 6.034                | -30.021         | 46.000       | 9.945       | AV   |
| 9  |      |      | 8.990           | 33.186               | 23.015               | -26.814         | 60.000       | 10.171      | QP   |
| 10 |      |      | 8.990           | 25.810               | 15.639               | -24.190         | 50.000       | 10.171      | AV   |
| 11 |      |      | 12.614          | 32.403               | 22.303               | -27.597         | 60.000       | 10.100      | QP   |
| 12 |      |      | 12.614          | 25.637               | 15.537               | -24.363         | 50.000       | 10.100      | AV   |

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

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

## 8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Speed Dome Camera (1080P WiFi PTZ)** is in compliance with Part 15E of the FCC Rules and ISED Rules.

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The End