

### 7.8.5. Test Result

|               |                                                                                                                                                                                   |                   |            |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|
| Product       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11a - Ant 0                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8837.0          | 30.9                 | 14.0        | 44.9                   | 68.2           | -23.3       | Peak     | Horizontal   |
| *    | 10171.5         | 32.2                 | 16.1        | 48.3                   | 68.2           | -19.9       | Peak     | Horizontal   |
|      | 11693.0         | 31.4                 | 19.2        | 50.6                   | 74.0           | -23.4       | Peak     | Horizontal   |
|      | 12407.0         | 31.8                 | 18.4        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
| *    | 8888.0          | 33.2                 | 14.0        | 47.2                   | 68.2           | -21.0       | Peak     | Vertical     |
| *    | 10358.5         | 36.3                 | 16.8        | 53.1                   | 68.2           | -15.1       | Peak     | Vertical     |
|      | 11531.5         | 32.7                 | 19.4        | 52.1                   | 74.0           | -21.9       | Peak     | Vertical     |
|      | 12330.5         | 31.7                 | 18.5        | 50.2                   | 74.0           | -23.8       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11a - Ant 0                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8701.0          | 31.8                 | 13.8        | 45.6                   | 68.2           | -22.6       | Peak     | Horizontal   |
| *    | 9857.0          | 32.0                 | 16.2        | 48.2                   | 68.2           | -20.0       | Peak     | Horizontal   |
|      | 11293.5         | 30.7                 | 18.9        | 49.6                   | 74.0           | -24.4       | Peak     | Horizontal   |
|      | 12330.5         | 31.7                 | 18.5        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
| *    | 7876.5          | 34.6                 | 12.4        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 9678.5          | 33.9                 | 14.6        | 48.5                   | 68.2           | -19.7       | Peak     | Vertical     |
|      | 11378.5         | 31.3                 | 19.1        | 50.4                   | 74.0           | -23.6       | Peak     | Vertical     |
|      | 15654.0         | 36.1                 | 20.4        | 56.5                   | 74.0           | -17.5       | Peak     | Vertical     |
|      | 15654.0         | 24.3                 | 20.4        | 44.7                   | 54.0           | -9.3        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11a - Ant 0                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8556.5          | 32.8                 | 13.2        | 46.0                   | 68.2           | -22.2       | Peak     | Horizontal   |
| *    | 10120.5         | 33.6                 | 15.8        | 49.4                   | 68.2           | -18.8       | Peak     | Horizontal   |
|      | 12143.5         | 32.3                 | 18.9        | 51.2                   | 74.0           | -22.8       | Peak     | Horizontal   |
|      | 15722.0         | 34.7                 | 20.5        | 55.2                   | 74.0           | -18.8       | Peak     | Horizontal   |
|      | 15722.0         | 22.1                 | 20.5        | 42.6                   | 54.0           | -11.4       | Average  | Horizontal   |
| *    | 7825.5          | 34.9                 | 12.4        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
| *    | 10477.5         | 36.5                 | 17.1        | 53.6                   | 68.2           | -14.6       | Peak     | Vertical     |
|      | 12135.0         | 32.6                 | 18.9        | 51.5                   | 74.0           | -22.5       | Peak     | Vertical     |
|      | 15722.0         | 37.2                 | 20.5        | 57.7                   | 74.0           | -16.3       | Peak     | Vertical     |
|      | 15722.0         | 28.0                 | 20.5        | 48.5                   | 54.0           | -5.5        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11a - Ant 0                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8964.5          | 31.8                 | 14.1        | 45.9                   | 68.2           | -22.3       | Peak     | Horizontal   |
| *    | 9993.0          | 32.9                 | 15.4        | 48.3                   | 68.2           | -19.9       | Peak     | Horizontal   |
|      | 11490.0         | 36.2                 | 19.3        | 55.5                   | 74.0           | -18.5       | Peak     | Horizontal   |
|      | 11490.0         | 23.4                 | 19.3        | 42.7                   | 54.0           | -11.3       | Average  | Horizontal   |
|      | 12381.5         | 32.0                 | 18.4        | 50.4                   | 74.0           | -23.6       | Peak     | Horizontal   |
| *    | 9721.0          | 33.5                 | 14.7        | 48.2                   | 68.2           | -20.0       | Peak     | Vertical     |
| *    | 10112.0         | 34.7                 | 15.8        | 50.5                   | 68.2           | -17.7       | Peak     | Vertical     |
|      | 11490.0         | 36.0                 | 19.3        | 55.3                   | 74.0           | -18.7       | Peak     | Vertical     |
|      | 11490.0         | 25.2                 | 19.3        | 44.5                   | 54.0           | -9.5        | Average  | Vertical     |
|      | 12033.0         | 32.9                 | 18.8        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11a - Ant 0                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 9593.5          | 33.1                 | 14.4        | 47.5                   | 68.2           | -20.7       | Peak     | Horizontal   |
| *    | 10350.0         | 32.9                 | 16.8        | 49.7                   | 68.2           | -18.5       | Peak     | Horizontal   |
|      | 11570.0         | 33.3                 | 19.5        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
|      | 11570.0         | 23.6                 | 19.5        | 43.1                   | 54.0           | -10.9       | Average  | Horizontal   |
|      | 12007.5         | 31.7                 | 18.7        | 50.4                   | 74.0           | -23.6       | Peak     | Horizontal   |
| *    | 9789.0          | 33.0                 | 15.0        | 68.2                   | 74.0           | -5.8        | Peak     | Vertical     |
| *    | 10401.0         | 32.8                 | 16.9        | 68.2                   | 74.0           | -5.8        | Peak     | Vertical     |
|      | 11570.0         | 34.5                 | 19.5        | 54.0                   | 74.0           | -20.0       | Peak     | Vertical     |
|      | 11570.0         | 23.6                 | 19.5        | 43.1                   | 54.0           | -10.9       | Average  | Vertical     |
|      | 12109.5         | 32.9                 | 18.9        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11a - Ant 0                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 9789.0          | 33.0                 | 15.0        | 48.0                   | 68.2           | -20.2       | Peak     | Horizontal   |
| *    | 10103.5         | 33.7                 | 15.7        | 49.4                   | 68.2           | -18.8       | Peak     | Horizontal   |
|      | 11480.5         | 31.5                 | 19.3        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
|      | 12441.0         | 32.5                 | 18.4        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 9993.0          | 33.0                 | 15.4        | 48.4                   | 68.2           | -19.8       | Peak     | Vertical     |
| *    | 10222.5         | 34.0                 | 16.3        | 50.3                   | 68.2           | -17.9       | Peak     | Vertical     |
|      | 11650.0         | 34.0                 | 19.3        | 53.3                   | 74.0           | -20.7       | Peak     | Vertical     |
|      | 11650.0         | 22.5                 | 19.3        | 41.8                   | 54.0           | -12.2       | Average  | Vertical     |
|      | 12449.5         | 33.7                 | 18.4        | 52.1                   | 74.0           | -21.9       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11n-HT20 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 9721.0          | 33.8                 | 14.7        | 48.5                   | 68.2           | -19.7       | Peak     | Horizontal   |
| *    | 10001.5         | 34.5                 | 15.4        | 49.9                   | 68.2           | -18.3       | Peak     | Horizontal   |
|      | 10877.0         | 33.1                 | 18.2        | 51.3                   | 74.0           | -22.7       | Peak     | Horizontal   |
|      | 12288.0         | 32.4                 | 18.6        | 51.0                   | 74.0           | -23.0       | Peak     | Horizontal   |
| *    | 9933.5          | 33.7                 | 15.3        | 49.0                   | 68.2           | -19.2       | Peak     | Vertical     |
| *    | 10503.0         | 32.8                 | 17.2        | 50.0                   | 68.2           | -18.2       | Peak     | Vertical     |
|      | 11395.5         | 32.4                 | 19.1        | 51.5                   | 74.0           | -22.5       | Peak     | Vertical     |
|      | 12585.5         | 32.4                 | 18.7        | 51.1                   | 74.0           | -22.9       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11n-HT20 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8505.5          | 32.9                 | 12.9        | 45.8                   | 68.2           | -22.4       | Peak     | Horizontal   |
| *    | 9687.0          | 34.7                 | 14.6        | 49.3                   | 68.2           | -18.9       | Peak     | Horizontal   |
|      | 10885.5         | 34.3                 | 18.3        | 52.6                   | 74.0           | -21.4       | Peak     | Horizontal   |
|      | 12109.5         | 31.2                 | 18.9        | 50.1                   | 74.0           | -23.9       | Peak     | Horizontal   |
| *    | 8811.5          | 31.5                 | 14.0        | 45.5                   | 68.2           | -22.7       | Peak     | Vertical     |
| *    | 10435.0         | 36.9                 | 17.0        | 53.9                   | 68.2           | -14.3       | Peak     | Vertical     |
|      | 12194.5         | 32.0                 | 18.8        | 50.8                   | 74.0           | -23.2       | Peak     | Vertical     |
|      | 15660.0         | 36.5                 | 20.4        | 56.9                   | 74.0           | -17.1       | Peak     | Vertical     |
|      | 15660.0         | 25.0                 | 20.4        | 45.4                   | 54.0           | -8.6        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11n-HT20 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8905.0          | 33.1                 | 14.0        | 47.1                   | 68.2           | -21.1       | Peak     | Horizontal   |
| *    | 10596.5         | 32.8                 | 17.3        | 50.1                   | 68.2           | -18.1       | Peak     | Horizontal   |
|      | 11650.5         | 33.7                 | 19.3        | 53.0                   | 74.0           | -21.0       | Peak     | Horizontal   |
|      | 12058.5         | 31.9                 | 18.8        | 50.7                   | 74.0           | -23.3       | Peak     | Horizontal   |
| *    | 9746.5          | 34.6                 | 14.8        | 49.4                   | 68.2           | -18.8       | Peak     | Vertical     |
| *    | 10477.5         | 36.1                 | 17.1        | 53.2                   | 68.2           | -15.0       | Peak     | Vertical     |
|      | 12271.0         | 33.4                 | 18.6        | 52.0                   | 74.0           | -22.0       | Peak     | Vertical     |
|      | 15718.6         | 36.4                 | 20.5        | 56.9                   | 74.0           | -17.1       | Peak     | Vertical     |
|      | 15718.6         | 24.8                 | 20.5        | 45.3                   | 54.0           | -8.7        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11n-HT20 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 9508.5          | 33.5                 | 14.4        | 47.9                   | 68.2           | -20.3       | Peak     | Horizontal   |
| *    | 10426.5         | 31.9                 | 17.0        | 48.9                   | 68.2           | -19.3       | Peak     | Horizontal   |
|      | 11489.0         | 24.9                 | 19.3        | 44.2                   | 54.0           | -9.8        | Average  | Horizontal   |
|      | 11489.0         | 35.0                 | 19.3        | 54.3                   | 74.0           | -19.7       | Peak     | Horizontal   |
|      | 12177.5         | 32.0                 | 18.8        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
| *    | 9712.5          | 32.9                 | 14.7        | 47.6                   | 68.2           | -20.6       | Peak     | Vertical     |
| *    | 10120.5         | 34.4                 | 15.8        | 50.2                   | 68.2           | -18.0       | Peak     | Vertical     |
|      | 11490.0         | 36.1                 | 19.3        | 55.4                   | 74.0           | -18.6       | Peak     | Vertical     |
|      | 11490.0         | 25.1                 | 19.3        | 44.4                   | 54.0           | -9.6        | Average  | Vertical     |
|      | 12118.0         | 33.1                 | 18.9        | 52.0                   | 74.0           | -22.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11n-HT20 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 9814.5          | 32.4                 | 15.4        | 47.8                   | 68.2           | -20.4       | Peak     | Horizontal   |
| *    | 10171.5         | 32.5                 | 16.1        | 48.6                   | 68.2           | -19.6       | Peak     | Horizontal   |
|      | 11574.0         | 34.0                 | 19.5        | 53.5                   | 74.0           | -20.5       | Peak     | Horizontal   |
|      | 11569.6         | 23.1                 | 19.5        | 42.6                   | 54.0           | -11.4       | Average  | Horizontal   |
|      | 12381.5         | 32.6                 | 18.4        | 51.0                   | 74.0           | -23.0       | Peak     | Horizontal   |
| *    | 8616.0          | 34.1                 | 13.5        | 47.6                   | 68.2           | -20.6       | Peak     | Vertical     |
| *    | 9848.5          | 31.5                 | 16.1        | 47.6                   | 68.2           | -20.6       | Peak     | Vertical     |
|      | 10749.5         | 33.2                 | 17.7        | 50.9                   | 74.0           | -23.1       | Peak     | Vertical     |
|      | 11565.5         | 35.2                 | 19.5        | 54.7                   | 74.0           | -19.3       | Peak     | Vertical     |
|      | 11569.7         | 23.7                 | 19.5        | 43.2                   | 54.0           | -10.8       | Average  | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/19 |
| Test Mode:    | 802.11n-HT20 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7196.5          | 35.6                 | 12.1        | 47.7                   | 68.2           | -20.5       | Peak     | Horizontal   |
| *    | 9942.0          | 33.6                 | 15.3        | 48.9                   | 68.2           | -19.3       | Peak     | Horizontal   |
|      | 10877.0         | 32.4                 | 18.2        | 50.6                   | 74.0           | -23.4       | Peak     | Horizontal   |
|      | 12169.0         | 32.0                 | 18.8        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
| *    | 9721.0          | 33.9                 | 14.7        | 48.6                   | 68.2           | -19.6       | Peak     | Vertical     |
| *    | 10171.5         | 32.6                 | 16.1        | 48.7                   | 68.2           | -19.5       | Peak     | Vertical     |
|      | 11650.0         | 34.4                 | 19.3        | 53.7                   | 74.0           | -20.3       | Peak     | Vertical     |
|      | 11650.0         | 23.3                 | 19.3        | 42.6                   | 54.0           | -11.4       | Average  | Vertical     |
|      | 12432.5         | 33.0                 | 18.4        | 51.4                   | 74.0           | -22.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11n-HT40 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 9721.0          | 33.9                 | 14.7        | 48.6                   | 68.2           | -19.6       | Peak     | Horizontal   |
| *    | 10214.0         | 32.7                 | 16.3        | 49.0                   | 68.2           | -19.2       | Peak     | Horizontal   |
|      | 11242.5         | 31.0                 | 18.8        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
|      | 12313.5         | 31.2                 | 18.5        | 49.7                   | 74.0           | -24.3       | Peak     | Horizontal   |
| *    | 8769.0          | 31.4                 | 13.9        | 45.3                   | 68.2           | -22.9       | Peak     | Vertical     |
| *    | 10435.0         | 31.7                 | 17.0        | 48.7                   | 68.2           | -19.5       | Peak     | Vertical     |
|      | 11829.0         | 30.5                 | 18.7        | 49.2                   | 74.0           | -24.8       | Peak     | Vertical     |
|      | 12611.0         | 31.7                 | 18.7        | 50.4                   | 74.0           | -23.6       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11n-HT40 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8769.0          | 31.4                 | 13.9        | 45.3                   | 68.2           | -22.9       | Peak     | Horizontal   |
| *    | 9721.0          | 33.1                 | 14.7        | 47.8                   | 68.2           | -20.4       | Peak     | Horizontal   |
|      | 11242.5         | 30.9                 | 18.8        | 49.7                   | 74.0           | -24.3       | Peak     | Horizontal   |
|      | 11914.0         | 30.8                 | 18.6        | 49.4                   | 74.0           | -24.6       | Peak     | Horizontal   |
| *    | 8973.0          | 31.7                 | 14.1        | 45.8                   | 68.2           | -22.4       | Peak     | Vertical     |
| *    | 10350.0         | 32.8                 | 16.8        | 49.6                   | 68.2           | -18.6       | Peak     | Vertical     |
|      | 11582.5         | 31.8                 | 19.5        | 51.3                   | 74.0           | -22.7       | Peak     | Vertical     |
|      | 12271.0         | 31.0                 | 18.6        | 49.6                   | 74.0           | -24.4       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11n-HT40 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7171.0          | 34.0                 | 11.9        | 45.9                   | 68.2           | -22.3       | Peak     | Horizontal   |
| *    | 9814.5          | 32.9                 | 15.4        | 48.3                   | 68.2           | -19.9       | Peak     | Horizontal   |
|      | 11183.0         | 31.2                 | 18.7        | 49.9                   | 74.0           | -24.1       | Peak     | Horizontal   |
|      | 12271.0         | 32.0                 | 18.6        | 50.6                   | 74.0           | -23.4       | Peak     | Horizontal   |
| *    | 7077.5          | 33.9                 | 11.3        | 45.2                   | 68.2           | -23.0       | Peak     | Vertical     |
| *    | 10214.0         | 33.7                 | 16.3        | 50.0                   | 68.2           | -18.2       | Peak     | Vertical     |
|      | 11506.0         | 33.9                 | 19.4        | 53.3                   | 74.0           | -20.7       | Peak     | Vertical     |
|      | 11510.0         | 23.6                 | 19.4        | 43.0                   | 54.0           | -11.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11n-HT40 - Ant 0                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8811.5          | 32.3                 | 14.0        | 46.3                   | 68.2           | -21.9       | Peak     | Horizontal   |
| *    | 9721.0          | 33.8                 | 14.7        | 48.5                   | 68.2           | -19.7       | Peak     | Horizontal   |
|      | 11846.0         | 31.1                 | 18.7        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
|      | 12441.0         | 31.3                 | 18.4        | 49.7                   | 74.0           | -24.3       | Peak     | Horizontal   |
| *    | 9653.0          | 33.3                 | 14.5        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
| *    | 10171.5         | 32.4                 | 16.1        | 48.5                   | 68.2           | -19.7       | Peak     | Vertical     |
|      | 11589.8         | 34.0                 | 19.5        | 53.5                   | 74.0           | -20.5       | Peak     | Vertical     |
|      | 11589.8         | 22.4                 | 19.5        | 41.9                   | 54.0           | -12.1       | Average  | Vertical     |
|      | 12568.5         | 32.8                 | 18.6        | 51.4                   | 74.0           | -22.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8760.5          | 31.4                 | 13.9        | 45.3                   | 68.2           | -22.9       | Peak     | Horizontal   |
| *    | 10180.0         | 33.4                 | 16.1        | 49.5                   | 68.2           | -18.7       | Peak     | Horizontal   |
|      | 11829.0         | 30.9                 | 18.7        | 49.6                   | 74.0           | -24.4       | Peak     | Horizontal   |
|      | 12220.0         | 31.9                 | 18.7        | 50.6                   | 74.0           | -23.4       | Peak     | Horizontal   |
| *    | 8743.5          | 31.5                 | 13.9        | 45.4                   | 68.2           | -22.8       | Peak     | Vertical     |
| *    | 9772.0          | 34.5                 | 14.9        | 49.4                   | 68.2           | -18.8       | Peak     | Vertical     |
|      | 11293.5         | 31.2                 | 18.9        | 50.1                   | 74.0           | -23.9       | Peak     | Vertical     |
|      | 12271.0         | 32.4                 | 18.6        | 51.0                   | 74.0           | -23.0       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 10078.0         | 32.9                 | 15.6        | 48.5                   | 68.2           | -19.7       | Peak     | Horizontal   |
| *    | 10596.5         | 31.9                 | 17.3        | 49.2                   | 68.2           | -19.0       | Peak     | Horizontal   |
|      | 11225.5         | 31.5                 | 18.8        | 50.3                   | 74.0           | -23.7       | Peak     | Horizontal   |
|      | 12500.5         | 32.4                 | 18.5        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 9636.0          | 34.1                 | 14.4        | 48.5                   | 68.2           | -19.7       | Peak     | Vertical     |
| *    | 10435.0         | 34.2                 | 18.4        | 52.6                   | 68.2           | -15.6       | Peak     | Vertical     |
|      | 12534.5         | 33.2                 | 18.6        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |
|      | 15660.0         | 35.4                 | 20.4        | 55.8                   | 74.0           | -18.2       | Peak     | Vertical     |
|      | 15660.0         | 24.7                 | 20.4        | 45.1                   | 54.0           | -8.9        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7842.5          | 33.9                 | 12.4        | 46.3                   | 68.2           | -21.9       | Peak     | Horizontal   |
| *    | 9755.0          | 34.7                 | 14.8        | 49.5                   | 68.2           | -18.7       | Peak     | Horizontal   |
|      | 11081.0         | 32.8                 | 18.6        | 51.4                   | 74.0           | -22.6       | Peak     | Horizontal   |
|      | 12619.5         | 33.0                 | 18.7        | 51.7                   | 74.0           | -22.3       | Peak     | Horizontal   |
| *    | 8599.0          | 34.2                 | 13.4        | 47.6                   | 68.2           | -20.6       | Peak     | Vertical     |
| *    | 10477.5         | 37.5                 | 17.1        | 54.6                   | 68.2           | -13.6       | Peak     | Vertical     |
|      | 12109.5         | 33.0                 | 18.9        | 51.9                   | 74.0           | -22.1       | Peak     | Vertical     |
|      | 15713.5         | 36.0                 | 20.5        | 56.5                   | 74.0           | -17.5       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8607.5          | 34.2                 | 13.5        | 47.7                   | 68.2           | -20.5       | Peak     | Horizontal   |
| *    | 9712.5          | 36.0                 | 14.7        | 50.7                   | 68.2           | -17.5       | Peak     | Horizontal   |
|      | 11489.3         | 34.8                 | 19.3        | 54.1                   | 74.0           | -19.9       | Peak     | Horizontal   |
|      | 11489.3         | 24.9                 | 19.3        | 44.2                   | 54.0           | -9.8        | Average  | Horizontal   |
|      | 15773.0         | 32.0                 | 20.4        | 52.4                   | 74.0           | -21.6       | Peak     | Horizontal   |
| *    | 7944.5          | 35.2                 | 12.5        | 47.7                   | 68.2           | -20.5       | Peak     | Vertical     |
| *    | 9551.0          | 35.2                 | 14.4        | 49.6                   | 68.2           | -18.6       | Peak     | Vertical     |
|      | 11489.8         | 35.9                 | 19.3        | 55.2                   | 74.0           | -18.8       | Peak     | Vertical     |
|      | 11489.8         | 24.8                 | 19.3        | 44.1                   | 54.0           | -9.9        | Average  | Vertical     |
|      | 15994.0         | 33.5                 | 20.4        | 53.9                   | 74.0           | -20.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7834.0          | 35.0                 | 12.4        | 47.4                   | 68.2           | -20.8       | Peak     | Horizontal   |
| *    | 9636.0          | 34.4                 | 14.4        | 48.8                   | 68.2           | -19.4       | Peak     | Horizontal   |
|      | 11569.4         | 34.8                 | 19.5        | 54.3                   | 74.0           | -19.7       | Peak     | Horizontal   |
|      | 11569.4         | 23.4                 | 19.5        | 42.9                   | 54.0           | -11.1       | Average  | Horizontal   |
|      | 16062.0         | 31.9                 | 20.3        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 8607.5          | 34.2                 | 13.5        | 47.7                   | 68.2           | -20.5       | Peak     | Vertical     |
| *    | 10273.5         | 35.9                 | 16.5        | 52.4                   | 68.2           | -15.8       | Peak     | Vertical     |
|      | 11569.3         | 34.5                 | 19.5        | 54.0                   | 74.0           | -20.0       | Peak     | Vertical     |
|      | 11569.3         | 23.6                 | 19.5        | 43.1                   | 54.0           | -10.9       | Average  | Vertical     |
|      | 13274.0         | 31.7                 | 20.7        | 52.4                   | 74.0           | -21.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7910.5          | 35.6                 | 12.4        | 48.0                   | 68.2           | -20.2       | Peak     | Horizontal   |
| *    | 9610.5          | 35.2                 | 14.4        | 49.6                   | 68.2           | -18.6       | Peak     | Horizontal   |
|      | 11649.2         | 34.3                 | 19.3        | 53.6                   | 74.0           | -20.4       | Peak     | Horizontal   |
|      | 11649.2         | 21.0                 | 19.3        | 40.3                   | 54.0           | -13.7       | Average  | Horizontal   |
|      | 13308.0         | 30.8                 | 20.9        | 51.7                   | 74.0           | -22.3       | Peak     | Horizontal   |
| *    | 7834.0          | 35.4                 | 12.4        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
| *    | 9687.0          | 34.7                 | 14.6        | 49.3                   | 68.2           | -18.9       | Peak     | Vertical     |
|      | 11649.9         | 33.8                 | 19.4        | 53.2                   | 74.0           | -20.8       | Peak     | Vertical     |
|      | 11649.9         | 22.2                 | 19.3        | 41.5                   | 54.0           | -12.5       | Average  | Vertical     |
|      | 13333.5         | 32.1                 | 21.0        | 53.1                   | 74.0           | -20.9       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8641.5          | 33.8                 | 13.5        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
| *    | 9780.5          | 34.4                 | 14.9        | 49.3                   | 68.2           | -18.9       | Peak     | Horizontal   |
|      | 10919.5         | 34.2                 | 18.4        | 52.6                   | 74.0           | -21.4       | Peak     | Horizontal   |
|      | 12084.0         | 33.1                 | 18.9        | 52.0                   | 74.0           | -22.0       | Peak     | Horizontal   |
| *    | 7774.5          | 34.2                 | 12.4        | 46.6                   | 68.2           | -21.6       | Peak     | Vertical     |
| *    | 9729.5          | 34.8                 | 14.7        | 49.5                   | 68.2           | -18.7       | Peak     | Vertical     |
|      | 10860.0         | 33.5                 | 18.2        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
|      | 12126.5         | 32.8                 | 18.9        | 51.7                   | 74.0           | -22.3       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8658.5          | 34.8                 | 13.6        | 48.4                   | 68.2           | -19.8       | Peak     | Horizontal   |
| *    | 9984.5          | 35.4                 | 15.4        | 50.8                   | 68.2           | -17.4       | Peak     | Horizontal   |
|      | 10843.0         | 34.2                 | 18.1        | 52.3                   | 74.0           | -21.7       | Peak     | Horizontal   |
|      | 12084.0         | 33.9                 | 18.9        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
| *    | 7851.0          | 35.4                 | 12.4        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
| *    | 9712.5          | 35.5                 | 14.7        | 50.2                   | 68.2           | -18.0       | Peak     | Vertical     |
|      | 10860.0         | 33.5                 | 18.2        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
|      | 12602.5         | 33.3                 | 18.7        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7876.5          | 35.2                 | 12.4        | 47.6                   | 68.2           | -20.6       | Peak     | Horizontal   |
| *    | 9670.0          | 35.2                 | 14.5        | 49.7                   | 68.2           | -18.5       | Peak     | Horizontal   |
|      | 11509.8         | 33.9                 | 19.4        | 53.3                   | 74.0           | -20.7       | Peak     | Horizontal   |
|      | 11509.8         | 21.8                 | 19.4        | 41.2                   | 54.0           | -12.8       | Average  | Horizontal   |
|      | 15637.0         | 32.1                 | 20.4        | 52.5                   | 74.0           | -21.5       | Peak     | Horizontal   |
| *    | 7859.5          | 34.4                 | 12.4        | 46.8                   | 68.2           | -21.4       | Peak     | Vertical     |
| *    | 9661.5          | 35.1                 | 14.5        | 49.6                   | 68.2           | -18.6       | Peak     | Vertical     |
|      | 11510.2         | 34.3                 | 19.4        | 53.7                   | 74.0           | -20.3       | Peak     | Vertical     |
|      | 11510.2         | 23.5                 | 19.4        | 42.9                   | 54.0           | -11.1       | Average  | Vertical     |
|      | 15722.0         | 31.8                 | 20.5        | 52.3                   | 74.0           | -21.7       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7987.0          | 35.2                 | 12.5        | 47.7                   | 68.2           | -20.5       | Peak     | Horizontal   |
| *    | 9517.0          | 34.9                 | 14.4        | 49.3                   | 68.2           | -18.9       | Peak     | Horizontal   |
|      | 10979.0         | 33.5                 | 18.5        | 52.0                   | 74.0           | -22.0       | Peak     | Horizontal   |
|      | 12585.5         | 33.3                 | 18.7        | 52.0                   | 74.0           | -22.0       | Peak     | Horizontal   |
| *    | 7647.0          | 34.8                 | 12.5        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
| *    | 9959.0          | 35.5                 | 15.3        | 50.8                   | 68.2           | -17.4       | Peak     | Vertical     |
|      | 11582.5         | 32.2                 | 19.5        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
|      | 15688.0         | 31.7                 | 20.5        | 52.2                   | 74.0           | -21.8       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT80 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7842.5          | 35.6                 | 12.4        | 48.0                   | 68.2           | -20.2       | Peak     | Horizontal   |
| *    | 9772.0          | 36.3                 | 14.9        | 51.2                   | 68.2           | -17.0       | Peak     | Horizontal   |
|      | 11514.5         | 33.9                 | 19.4        | 53.3                   | 74.0           | -20.7       | Peak     | Horizontal   |
|      | 15713.5         | 31.8                 | 20.5        | 52.3                   | 74.0           | -21.7       | Peak     | Horizontal   |
| *    | 7808.5          | 35.5                 | 12.4        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 9661.5          | 34.8                 | 14.5        | 49.3                   | 68.2           | -18.9       | Peak     | Vertical     |
|      | 11557.0         | 33.5                 | 19.5        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |
|      | 15773.0         | 31.8                 | 20.4        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11ac-VHT80 - Ant 0                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8633.0          | 33.9                 | 13.5        | 47.4                   | 68.2           | -20.8       | Peak     | Horizontal   |
| *    | 10018.5         | 35.3                 | 15.4        | 50.7                   | 68.2           | -17.5       | Peak     | Horizontal   |
|      | 11565.5         | 33.6                 | 19.5        | 53.1                   | 74.0           | -20.9       | Peak     | Horizontal   |
|      | 15773.0         | 32.2                 | 20.4        | 52.6                   | 74.0           | -21.4       | Peak     | Horizontal   |
| *    | 7783.0          | 35.5                 | 12.4        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 9619.0          | 35.0                 | 14.4        | 49.4                   | 68.2           | -18.8       | Peak     | Vertical     |
|      | 11506.0         | 33.7                 | 19.4        | 53.1                   | 74.0           | -20.9       | Peak     | Vertical     |
|      | 13367.5         | 31.5                 | 21.2        | 52.7                   | 74.0           | -21.3       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11a - Ant 1                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8565.0          | 34.0                 | 13.3        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
| *    | 10367.0         | 36.3                 | 16.8        | 53.1                   | 68.2           | -15.1       | Peak     | Horizontal   |
|      | 11599.5         | 33.4                 | 19.4        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
|      | 16045.0         | 32.4                 | 20.3        | 52.7                   | 74.0           | -21.3       | Peak     | Horizontal   |
| *    | 8803.0          | 33.2                 | 14.0        | 47.2                   | 68.2           | -21.0       | Peak     | Vertical     |
| *    | 10367.0         | 39.0                 | 16.8        | 55.8                   | 68.2           | -12.4       | Peak     | Vertical     |
|      | 12118.0         | 34.1                 | 18.9        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |
|      | 16164.0         | 31.9                 | 20.6        | 52.5                   | 74.0           | -21.5       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11a - Ant 1                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7876.5          | 35.7                 | 12.4        | 48.1                   | 68.2           | -20.1       | Peak     | Horizontal   |
| *    | 9687.0          | 34.8                 | 14.6        | 49.4                   | 68.2           | -18.8       | Peak     | Horizontal   |
|      | 11667.5         | 32.8                 | 19.3        | 52.1                   | 74.0           | -21.9       | Peak     | Horizontal   |
|      | 15688.0         | 31.6                 | 20.5        | 52.1                   | 74.0           | -21.9       | Peak     | Horizontal   |
| *    | 8599.0          | 33.7                 | 13.4        | 47.1                   | 68.2           | -21.1       | Peak     | Vertical     |
| *    | 10443.5         | 37.1                 | 17.1        | 54.2                   | 68.2           | -14.0       | Peak     | Vertical     |
|      | 12084.0         | 34.0                 | 18.9        | 52.9                   | 74.0           | -21.1       | Peak     | Vertical     |
|      | 13308.0         | 31.7                 | 20.9        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11a - Ant 1                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7808.5          | 34.7                 | 12.4        | 47.1                   | 68.2           | -21.1       | Peak     | Horizontal   |
| *    | 9687.0          | 36.2                 | 14.6        | 50.8                   | 68.2           | -17.4       | Peak     | Horizontal   |
|      | 11650.5         | 33.9                 | 19.3        | 53.2                   | 74.0           | -20.8       | Peak     | Horizontal   |
|      | 15492.5         | 32.5                 | 20.7        | 53.2                   | 74.0           | -20.8       | Peak     | Horizontal   |
| *    | 8871.0          | 32.7                 | 14.0        | 46.7                   | 68.2           | -21.5       | Peak     | Vertical     |
| *    | 10477.5         | 37.4                 | 17.1        | 54.5                   | 68.2           | -13.7       | Peak     | Vertical     |
|      | 12092.5         | 32.9                 | 18.9        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |
|      | 15721.7         | 34.8                 | 20.5        | 55.3                   | 74.0           | -18.7       | Peak     | Vertical     |
|      | 15721.7         | 23.9                 | 20.5        | 44.4                   | 54.0           | -9.6        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11a - Ant 1                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8607.5          | 34.5                 | 13.5        | 48.0                   | 68.2           | -20.2       | Peak     | Horizontal   |
| *    | 9678.5          | 35.8                 | 14.6        | 50.4                   | 68.2           | -17.8       | Peak     | Horizontal   |
|      | 11472.0         | 34.2                 | 19.3        | 53.5                   | 74.0           | -20.5       | Peak     | Horizontal   |
|      | 12628.0         | 33.5                 | 18.7        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 8641.5          | 34.0                 | 13.5        | 47.5                   | 68.2           | -20.7       | Peak     | Vertical     |
| *    | 9695.5          | 35.5                 | 14.6        | 50.1                   | 68.2           | -18.1       | Peak     | Vertical     |
|      | 11489.0         | 33.6                 | 19.3        | 52.9                   | 74.0           | -21.1       | Peak     | Vertical     |
|      | 11490.0         | 23.1                 | 19.3        | 42.4                   | 54.0           | -11.6       | Average  | Vertical     |
|      | 15662.5         | 32.1                 | 20.4        | 52.5                   | 74.0           | -21.5       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11a - Ant 1                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7953.0          | 34.4                 | 12.5        | 46.9                   | 68.2           | -21.3       | Peak     | Horizontal   |
| *    | 9517.0          | 34.0                 | 14.4        | 48.4                   | 68.2           | -19.8       | Peak     | Horizontal   |
|      | 11540.0         | 33.3                 | 19.4        | 52.7                   | 74.0           | -21.3       | Peak     | Horizontal   |
|      | 13350.5         | 32.0                 | 21.1        | 53.1                   | 74.0           | -20.9       | Peak     | Horizontal   |
| *    | 7859.5          | 34.9                 | 12.4        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
| *    | 9925.0          | 35.3                 | 15.3        | 50.6                   | 68.2           | -17.6       | Peak     | Vertical     |
|      | 11575.9         | 34.4                 | 19.5        | 53.9                   | 74.0           | -20.1       | Peak     | Vertical     |
|      | 11575.9         | 23.7                 | 19.5        | 43.2                   | 54.0           | -10.8       | Average  | Vertical     |
|      | 13350.5         | 32.1                 | 21.1        | 53.2                   | 74.0           | -20.8       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/20 |
| Test Mode:    | 802.11a - Ant 1                                                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8777.5          | 32.9                 | 13.9        | 46.8                   | 68.2           | -21.4       | Peak     | Horizontal   |
| *    | 9763.5          | 34.9                 | 14.9        | 49.8                   | 68.2           | -18.4       | Peak     | Horizontal   |
|      | 11650.0         | 34.2                 | 19.3        | 53.5                   | 74.0           | -20.5       | Peak     | Horizontal   |
|      | 11650.0         | 24.1                 | 19.3        | 43.4                   | 54.0           | -10.6       | Average  | Horizontal   |
|      | 13308.0         | 31.7                 | 20.9        | 52.6                   | 74.0           | -21.4       | Peak     | Horizontal   |
| *    | 8616.0          | 33.7                 | 13.5        | 47.2                   | 68.2           | -21.0       | Peak     | Vertical     |
| *    | 9619.0          | 35.1                 | 14.4        | 49.5                   | 68.2           | -18.7       | Peak     | Vertical     |
|      | 11650.0         | 33.7                 | 19.3        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |
|      | 11650.0         | 22.7                 | 19.3        | 42.0                   | 54.0           | -12.0       | Average  | Vertical     |
|      | 16011.0         | 31.5                 | 20.4        | 51.9                   | 74.0           | -22.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT20 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7910.5          | 35.0                 | 12.4        | 47.4                   | 68.2           | -20.8       | Peak     | Horizontal   |
| *    | 9619.0          | 35.4                 | 14.4        | 49.8                   | 68.2           | -18.4       | Peak     | Horizontal   |
|      | 11149.0         | 33.2                 | 18.7        | 51.9                   | 74.0           | -22.1       | Peak     | Horizontal   |
|      | 12628.0         | 33.6                 | 18.7        | 52.3                   | 74.0           | -21.7       | Peak     | Horizontal   |
| *    | 8616.0          | 34.4                 | 13.5        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 10367.0         | 38.7                 | 16.8        | 55.5                   | 68.2           | -12.7       | Peak     | Vertical     |
|      | 12092.5         | 34.4                 | 18.9        | 53.3                   | 74.0           | -20.7       | Peak     | Vertical     |
|      | 13316.5         | 30.9                 | 20.9        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT20 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8624.5          | 33.9                 | 13.5        | 47.4                   | 68.2           | -20.8       | Peak     | Horizontal   |
| *    | 9678.5          | 35.1                 | 14.6        | 49.7                   | 68.2           | -18.5       | Peak     | Horizontal   |
|      | 11489.0         | 34.6                 | 19.3        | 53.9                   | 74.0           | -20.1       | Peak     | Horizontal   |
|      | 12619.5         | 32.9                 | 18.7        | 51.6                   | 74.0           | -22.4       | Peak     | Horizontal   |
| *    | 8879.5          | 33.1                 | 14.0        | 47.1                   | 68.2           | -21.1       | Peak     | Vertical     |
| *    | 10435.0         | 37.2                 | 17.0        | 54.2                   | 68.2           | -14.0       | Peak     | Vertical     |
|      | 12126.5         | 33.9                 | 18.9        | 52.8                   | 74.0           | -21.2       | Peak     | Vertical     |
|      | 13291.0         | 31.8                 | 20.8        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT20 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7859.5          | 33.7                 | 12.4        | 46.1                   | 68.2           | -22.1       | Peak     | Horizontal   |
| *    | 9687.0          | 35.0                 | 14.6        | 49.6                   | 68.2           | -18.6       | Peak     | Horizontal   |
|      | 10877.0         | 33.7                 | 18.2        | 51.9                   | 74.0           | -22.1       | Peak     | Horizontal   |
|      | 12237.0         | 32.4                 | 18.7        | 51.1                   | 74.0           | -22.9       | Peak     | Horizontal   |
| *    | 7953.0          | 34.5                 | 12.5        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 10477.5         | 36.9                 | 17.1        | 54.0                   | 68.2           | -14.2       | Peak     | Vertical     |
|      | 11531.5         | 33.4                 | 19.4        | 52.8                   | 74.0           | -21.2       | Peak     | Vertical     |
|      | 13367.5         | 31.8                 | 21.2        | 53.0                   | 74.0           | -21.0       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT20 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7817.0          | 34.2                 | 12.4        | 46.6                   | 68.2           | -21.6       | Peak     | Horizontal   |
| *    | 9636.0          | 35.4                 | 14.4        | 49.8                   | 68.2           | -18.4       | Peak     | Horizontal   |
|      | 10732.5         | 32.6                 | 17.6        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
|      | 12084.0         | 33.3                 | 18.9        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 8624.5          | 34.2                 | 13.5        | 47.7                   | 68.2           | -20.5       | Peak     | Vertical     |
| *    | 9933.5          | 34.9                 | 15.3        | 50.2                   | 68.2           | -18.0       | Peak     | Vertical     |
|      | 11489.0         | 33.4                 | 19.3        | 52.7                   | 74.0           | -21.3       | Peak     | Vertical     |
|      | 13376.0         | 32.7                 | 21.3        | 54.0                   | 74.0           | -20.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT20 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8650.0          | 34.7                 | 13.6        | 48.3                   | 68.2           | -19.9       | Peak     | Horizontal   |
| *    | 9721.0          | 33.9                 | 14.7        | 48.6                   | 68.2           | -19.6       | Peak     | Horizontal   |
|      | 11574.0         | 33.5                 | 19.5        | 53.0                   | 74.0           | -21.0       | Peak     | Horizontal   |
|      | 13350.5         | 32.0                 | 21.1        | 53.1                   | 74.0           | -20.9       | Peak     | Horizontal   |
| *    | 8633.0          | 33.9                 | 13.5        | 47.4                   | 68.2           | -20.8       | Peak     | Vertical     |
| *    | 10001.5         | 35.4                 | 15.4        | 50.8                   | 68.2           | -17.4       | Peak     | Vertical     |
|      | 11569.8         | 34.5                 | 19.5        | 54.0                   | 74.0           | -20.0       | Peak     | Vertical     |
|      | 11569.8         | 21.8                 | 19.5        | 41.3                   | 54.0           | -12.7       | Average  | Vertical     |
|      | 13316.5         | 30.5                 | 20.9        | 51.4                   | 74.0           | -22.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT20 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7970.0          | 34.8                 | 12.5        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
| *    | 9874.0          | 34.0                 | 15.8        | 49.8                   | 68.2           | -18.4       | Peak     | Horizontal   |
|      | 11650.0         | 34.4                 | 19.4        | 53.8                   | 74.0           | -20.2       | Peak     | Horizontal   |
|      | 11650.0         | 24.1                 | 19.3        | 43.4                   | 54.0           | -10.6       | Average  | Horizontal   |
|      | 13393.0         | 31.7                 | 21.4        | 53.1                   | 74.0           | -20.9       | Peak     | Horizontal   |
| *    | 7834.0          | 34.9                 | 12.4        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
| *    | 9678.5          | 36.0                 | 14.6        | 50.6                   | 68.2           | -17.6       | Peak     | Vertical     |
|      | 11650.0         | 33.6                 | 19.4        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |
|      | 11650.0         | 25.5                 | 19.3        | 44.8                   | 54.0           | -9.2        | Average  | Vertical     |
|      | 13316.5         | 31.6                 | 20.9        | 52.5                   | 74.0           | -21.5       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT40 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8667.0          | 33.1                 | 13.6        | 46.7                   | 68.2           | -21.5       | Peak     | Horizontal   |
| *    | 10112.0         | 35.3                 | 15.8        | 51.1                   | 68.2           | -17.1       | Peak     | Horizontal   |
|      | 10894.0         | 34.5                 | 18.3        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
|      | 12143.5         | 33.3                 | 18.9        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 8701.0          | 33.6                 | 13.8        | 47.4                   | 68.2           | -20.8       | Peak     | Vertical     |
| *    | 9942.0          | 34.2                 | 15.3        | 49.5                   | 68.2           | -18.7       | Peak     | Vertical     |
|      | 11633.5         | 33.0                 | 19.4        | 52.4                   | 74.0           | -21.6       | Peak     | Vertical     |
|      | 13308.0         | 31.2                 | 20.9        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT40 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8616.0          | 33.4                 | 13.5        | 46.9                   | 68.2           | -21.3       | Peak     | Horizontal   |
| *    | 9814.5          | 33.3                 | 15.4        | 48.7                   | 68.2           | -19.5       | Peak     | Horizontal   |
|      | 11506.0         | 33.0                 | 19.4        | 52.4                   | 74.0           | -21.6       | Peak     | Horizontal   |
|      | 12517.5         | 32.7                 | 18.6        | 51.3                   | 74.0           | -22.7       | Peak     | Horizontal   |
| *    | 8607.5          | 33.9                 | 13.5        | 47.4                   | 68.2           | -20.8       | Peak     | Vertical     |
| *    | 10469.0         | 36.2                 | 17.1        | 53.3                   | 68.2           | -14.9       | Peak     | Vertical     |
|      | 11251.0         | 33.4                 | 18.8        | 52.2                   | 74.0           | -21.8       | Peak     | Vertical     |
|      | 13384.5         | 31.9                 | 21.3        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT40 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8650.0          | 34.0                 | 13.6        | 47.6                   | 68.2           | -20.6       | Peak     | Horizontal   |
| *    | 9585.0          | 35.5                 | 14.4        | 49.9                   | 68.2           | -18.3       | Peak     | Horizontal   |
|      | 10902.5         | 33.5                 | 18.3        | 51.8                   | 74.0           | -22.2       | Peak     | Horizontal   |
|      | 12262.5         | 33.5                 | 18.6        | 52.1                   | 74.0           | -21.9       | Peak     | Horizontal   |
| *    | 8862.5          | 33.9                 | 14.0        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 10044.0         | 35.4                 | 15.5        | 50.9                   | 68.2           | -17.3       | Peak     | Vertical     |
|      | 11625.0         | 33.8                 | 19.4        | 53.2                   | 74.0           | -20.8       | Peak     | Vertical     |
|      | 15798.5         | 31.8                 | 20.4        | 52.2                   | 74.0           | -21.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11n-HT40 - Ant 1                                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8624.5          | 34.0                 | 13.5        | 47.5                   | 68.2           | -20.7       | Peak     | Horizontal   |
| *    | 9721.0          | 34.1                 | 14.7        | 48.8                   | 68.2           | -19.4       | Peak     | Horizontal   |
|      | 11591.0         | 33.4                 | 19.5        | 52.9                   | 74.0           | -21.1       | Peak     | Horizontal   |
|      | 15994.0         | 31.8                 | 20.4        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 7876.5          | 34.2                 | 12.4        | 46.6                   | 68.2           | -21.6       | Peak     | Vertical     |
| *    | 9653.0          | 35.2                 | 14.5        | 49.7                   | 68.2           | -18.5       | Peak     | Vertical     |
|      | 10979.0         | 34.0                 | 18.5        | 52.5                   | 74.0           | -21.5       | Peak     | Vertical     |
|      | 12483.5         | 32.5                 | 18.5        | 51.0                   | 74.0           | -23.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11ac-VHT20 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7953.0          | 34.9                 | 12.5        | 47.4                   | 68.2           | -20.8       | Peak     | Horizontal   |
| *    | 9840.0          | 33.9                 | 16.0        | 49.9                   | 68.2           | -18.3       | Peak     | Horizontal   |
|      | 11625.0         | 32.9                 | 19.4        | 52.3                   | 74.0           | -21.7       | Peak     | Horizontal   |
|      | 15994.0         | 32.5                 | 20.4        | 52.9                   | 74.0           | -21.1       | Peak     | Horizontal   |
| *    | 8701.0          | 33.4                 | 13.8        | 47.2                   | 68.2           | -21.0       | Peak     | Vertical     |
| *    | 10358.5         | 38.1                 | 16.8        | 54.9                   | 68.2           | -13.3       | Peak     | Vertical     |
|      | 11633.5         | 33.2                 | 19.4        | 52.6                   | 74.0           | -21.4       | Peak     | Vertical     |
|      | 13308.0         | 32.2                 | 20.9        | 53.1                   | 74.0           | -20.9       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11ac-VHT20 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7808.5          | 34.0                 | 12.4        | 46.4                   | 68.2           | -21.8       | Peak     | Horizontal   |
| *    | 10171.5         | 33.0                 | 16.1        | 49.1                   | 68.2           | -19.1       | Peak     | Horizontal   |
|      | 11582.5         | 32.5                 | 19.5        | 52.0                   | 74.0           | -22.0       | Peak     | Horizontal   |
|      | 13265.5         | 33.2                 | 20.6        | 53.8                   | 74.0           | -20.2       | Peak     | Horizontal   |
| *    | 8624.5          | 34.4                 | 13.5        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 10435.0         | 37.9                 | 17.0        | 54.9                   | 68.2           | -13.3       | Peak     | Vertical     |
|      | 11531.5         | 32.9                 | 19.4        | 52.3                   | 74.0           | -21.7       | Peak     | Vertical     |
|      | 13325.0         | 31.6                 | 21.0        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11ac-VHT20 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8837.0          | 32.7                 | 14.0        | 46.7                   | 68.2           | -21.5       | Peak     | Horizontal   |
| *    | 9738.0          | 34.2                 | 14.8        | 49.0                   | 68.2           | -19.2       | Peak     | Horizontal   |
|      | 11115.0         | 33.9                 | 18.6        | 52.5                   | 74.0           | -21.5       | Peak     | Horizontal   |
|      | 12092.5         | 34.3                 | 18.9        | 53.2                   | 74.0           | -20.8       | Peak     | Horizontal   |
| *    | 8735.0          | 32.4                 | 13.9        | 46.3                   | 68.2           | -21.9       | Peak     | Vertical     |
| *    | 10477.5         | 38.6                 | 17.1        | 55.7                   | 68.2           | -12.5       | Peak     | Vertical     |
|      | 11574.0         | 33.5                 | 19.5        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |
|      | 13282.5         | 31.3                 | 20.7        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11ac-VHT20 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8769.0          | 32.4                 | 13.9        | 46.3                   | 68.2           | -21.9       | Peak     | Horizontal   |
| *    | 9678.5          | 34.0                 | 14.6        | 48.6                   | 68.2           | -19.6       | Peak     | Horizontal   |
|      | 10962.0         | 33.2                 | 18.4        | 51.6                   | 74.0           | -22.4       | Peak     | Horizontal   |
|      | 11574.0         | 32.7                 | 19.5        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 8624.5          | 33.8                 | 13.5        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
| *    | 9627.5          | 35.9                 | 14.4        | 50.3                   | 68.2           | -17.9       | Peak     | Vertical     |
|      | 10894.0         | 33.1                 | 18.3        | 51.4                   | 74.0           | -22.6       | Peak     | Vertical     |
|      | 12296.5         | 34.3                 | 18.6        | 52.9                   | 74.0           | -21.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11ac-VHT20 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8794.5          | 33.3                 | 13.9        | 47.2                   | 68.2           | -21.0       | Peak     | Horizontal   |
| *    | 9670.0          | 34.7                 | 14.5        | 49.2                   | 68.2           | -19.0       | Peak     | Horizontal   |
|      | 10860.0         | 33.6                 | 18.2        | 51.8                   | 74.0           | -22.2       | Peak     | Horizontal   |
|      | 11140.5         | 33.4                 | 18.7        | 52.1                   | 74.0           | -21.9       | Peak     | Horizontal   |
| *    | 8862.5          | 33.0                 | 14.0        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 9780.5          | 35.4                 | 14.9        | 50.3                   | 68.2           | -17.9       | Peak     | Vertical     |
|      | 10877.0         | 34.0                 | 18.2        | 52.2                   | 74.0           | -21.8       | Peak     | Vertical     |
|      | 11574.0         | 33.5                 | 19.5        | 53.0                   | 74.0           | -21.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/21 |
| Test Mode:    | 802.11ac-VHT20 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8786.0          | 33.4                 | 13.9        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
| *    | 9746.5          | 35.2                 | 14.8        | 50.0                   | 68.2           | -18.2       | Peak     | Horizontal   |
|      | 11072.5         | 33.5                 | 18.6        | 52.1                   | 74.0           | -21.9       | Peak     | Horizontal   |
|      | 11650.5         | 33.4                 | 19.3        | 52.7                   | 74.0           | -21.3       | Peak     | Horizontal   |
| *    | 8616.0          | 34.0                 | 13.5        | 47.5                   | 68.2           | -20.7       | Peak     | Vertical     |
| *    | 9789.0          | 34.5                 | 15.0        | 49.5                   | 68.2           | -18.7       | Peak     | Vertical     |
|      | 11191.5         | 33.0                 | 18.7        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
|      | 11650.5         | 32.4                 | 21.0        | 53.4                   | 74.0           | -20.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/13 |
| Test Mode:    | 802.11ac-VHT40 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8871.0          | 32.8                 | 14.0        | 46.8                   | 68.2           | -21.4       | Peak     | Horizontal   |
| *    | 9721.0          | 35.3                 | 14.7        | 50                     | 68.2           | -18.2       | Peak     | Horizontal   |
|      | 10919.5         | 33.8                 | 18.4        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
|      | 11599.5         | 33.4                 | 19.4        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
| *    | 8871.0          | 32.8                 | 14.0        | 46.8                   | 68.2           | -21.4       | Peak     | Vertical     |
| *    | 9721.0          | 35.3                 | 14.7        | 50                     | 68.2           | -18.2       | Peak     | Vertical     |
|      | 10919.5         | 33.8                 | 18.4        | 52.2                   | 74.0           | -21.8       | Peak     | Vertical     |
|      | 11599.5         | 33.4                 | 19.4        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/13 |
| Test Mode:    | 802.11ac-VHT40 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8658.5          | 33.7                 | 13.6        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
| *    | 9831.5          | 32.7                 | 15.9        | 48.6                   | 68.2           | -19.6       | Peak     | Horizontal   |
|      | 10698.5         | 33.5                 | 17.5        | 51.0                   | 74.0           | -23.0       | Peak     | Horizontal   |
|      | 11463.5         | 33.5                 | 19.3        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
| *    | 8633.0          | 33.5                 | 13.5        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 9874.0          | 34.3                 | 15.8        | 50.1                   | 68.2           | -18.1       | Peak     | Vertical     |
|      | 11081.0         | 33.1                 | 18.6        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
|      | 11599.5         | 33.2                 | 19.4        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/13 |
| Test Mode:    | 802.11ac-VHT40 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8828.5          | 32.6                 | 14.0        | 46.6                   | 68.2           | -21.6       | Peak     | Horizontal   |
| *    | 9772.0          | 34.6                 | 14.9        | 49.5                   | 68.2           | -18.7       | Peak     | Horizontal   |
|      | 11463.5         | 33.0                 | 19.3        | 52.3                   | 74.0           | -21.7       | Peak     | Horizontal   |
|      | 12075.5         | 34.3                 | 18.9        | 53.2                   | 74.0           | -20.8       | Peak     | Horizontal   |
| *    | 8743.5          | 32.6                 | 13.9        | 46.5                   | 68.2           | -21.7       | Peak     | Vertical     |
| *    | 9772.0          | 34.8                 | 14.9        | 49.7                   | 68.2           | -18.5       | Peak     | Vertical     |
|      | 11251.0         | 33.3                 | 18.8        | 52.1                   | 74.0           | -21.9       | Peak     | Vertical     |
|      | 11514.5         | 33.0                 | 19.4        | 52.4                   | 74.0           | -21.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/13 |
| Test Mode:    | 802.11ac-VHT40 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8845.5          | 32.2                 | 14.0        | 46.2                   | 68.2           | -22.0       | Peak     | Horizontal   |
| *    | 9840.0          | 32.9                 | 16.0        | 48.9                   | 68.2           | -19.3       | Peak     | Horizontal   |
|      | 10894.0         | 33.3                 | 18.3        | 51.6                   | 74.0           | -22.4       | Peak     | Horizontal   |
|      | 11565.5         | 33.9                 | 19.5        | 53.4                   | 74.0           | -20.6       | Peak     | Horizontal   |
| *    | 8616.0          | 33.3                 | 13.5        | 46.8                   | 68.2           | -21.4       | Peak     | Vertical     |
| *    | 9729.5          | 34.8                 | 14.7        | 49.5                   | 68.2           | -18.7       | Peak     | Vertical     |
|      | 10919.5         | 33.7                 | 18.4        | 52.1                   | 74.0           | -21.9       | Peak     | Vertical     |
|      | 11650.5         | 33.1                 | 19.3        | 52.4                   | 74.0           | -21.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/13 |
| Test Mode:    | 802.11ac-VHT80 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8811.5          | 31.7                 | 14.0        | 45.7                   | 68.2           | -22.5       | Peak     | Horizontal   |
| *    | 9738.0          | 33.9                 | 14.8        | 48.7                   | 68.2           | -19.5       | Peak     | Horizontal   |
|      | 10860.0         | 35.1                 | 18.2        | 53.3                   | 74.0           | -20.7       | Peak     | Horizontal   |
|      | 11531.5         | 33.4                 | 19.4        | 52.8                   | 74.0           | -21.2       | Peak     | Horizontal   |
| *    | 8633.0          | 34.6                 | 13.5        | 48.1                   | 68.2           | -20.1       | Peak     | Vertical     |
| *    | 9933.5          | 35.2                 | 15.3        | 50.5                   | 68.2           | -17.7       | Peak     | Vertical     |
|      | 10911.0         | 34.0                 | 18.4        | 52.4                   | 74.0           | -21.6       | Peak     | Vertical     |
|      | 12092.5         | 34.1                 | 18.9        | 53.0                   | 74.0           | -21.0       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/13 |
| Test Mode:    | 802.11ac-VHT80 - Ant 1                                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8811.5          | 32.2                 | 14.0        | 46.2                   | 68.2           | -22.0       | Peak     | Horizontal   |
| *    | 9721.0          | 33.7                 | 14.7        | 48.4                   | 68.2           | -19.8       | Peak     | Horizontal   |
|      | 10928.0         | 32.4                 | 18.4        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
|      | 11540.0         | 33.2                 | 19.4        | 52.6                   | 74.0           | -21.4       | Peak     | Horizontal   |
| *    | 8633.0          | 35.3                 | 13.5        | 48.8                   | 68.2           | -19.4       | Peak     | Vertical     |
| *    | 9704.0          | 35.4                 | 14.6        | 50.0                   | 68.2           | -18.2       | Peak     | Vertical     |
|      | 10885.5         | 34.2                 | 18.3        | 52.5                   | 74.0           | -21.5       | Peak     | Vertical     |
|      | 11659.0         | 33.9                 | 19.3        | 53.2                   | 74.0           | -20.8       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11a - Ant 0+1 (CDD Mode)                                                                                                                                                      | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7953.0          | 33.4                 | 12.5        | 45.9                   | 68.2           | -22.3       | Peak     | Horizontal   |
| *    | 10095.0         | 33.8                 | 15.7        | 49.5                   | 68.2           | -18.7       | Peak     | Horizontal   |
|      | 10732.5         | 32.6                 | 17.6        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
|      | 11803.5         | 31.1                 | 18.7        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
| *    | 7069.0          | 36.0                 | 11.2        | 47.2                   | 68.2           | -21.0       | Peak     | Vertical     |
| *    | 7953.0          | 35.9                 | 12.5        | 48.4                   | 68.2           | -19.8       | Peak     | Vertical     |
|      | 9381.0          | 33.0                 | 14.5        | 47.5                   | 74.0           | -26.5       | Peak     | Vertical     |
|      | 11149.0         | 32.4                 | 18.7        | 51.1                   | 74.0           | -22.9       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11a - Ant 0+1 (CDD Mode)                                                                                                                                                      | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7043.5          | 35.2                 | 11.0        | 46.2                   | 68.2           | -22.0       | Peak     | Horizontal   |
| *    | 8854.0          | 32.3                 | 14.0        | 46.3                   | 68.2           | -21.9       | Peak     | Horizontal   |
|      | 10979.0         | 33.3                 | 18.5        | 51.8                   | 74.0           | -22.2       | Peak     | Horizontal   |
|      | 13308.0         | 31.5                 | 20.9        | 52.4                   | 74.0           | -21.6       | Peak     | Horizontal   |
| *    | 7205.0          | 34.9                 | 12.1        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 7885.0          | 35.8                 | 12.4        | 48.2                   | 68.2           | -20.0       | Peak     | Vertical     |
|      | 9143.0          | 32.8                 | 14.6        | 47.4                   | 74.0           | -26.6       | Peak     | Vertical     |
|      | 11582.5         | 32.0                 | 19.5        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11a - Ant 0+1 (CDD Mode)                                                                                                                                                      | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8616.0          | 33.6                 | 13.5        | 47.1                   | 68.2           | -21.1       | Peak     | Horizontal   |
| *    | 9551.0          | 33.5                 | 14.4        | 47.9                   | 68.2           | -20.3       | Peak     | Horizontal   |
|      | 10877.0         | 32.9                 | 18.2        | 51.1                   | 74.0           | -22.9       | Peak     | Horizontal   |
|      | 12067.0         | 33.5                 | 18.8        | 52.3                   | 74.0           | -21.7       | Peak     | Horizontal   |
| *    | 8599.0          | 34.4                 | 13.4        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
| *    | 10477.5         | 38.5                 | 17.1        | 55.6                   | 68.2           | -12.6       | Peak     | Vertical     |
|      | 12109.5         | 32.7                 | 18.9        | 51.6                   | 74.0           | -22.4       | Peak     | Vertical     |
|      | 15713.5         | 37.4                 | 20.5        | 57.9                   | 74.0           | -16.1       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11a - Ant 0+1 (CDD Mode)                                                                                                                                                      | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7128.5          | 35.1                 | 11.7        | 46.8                   | 68.2           | -21.4       | Peak     | Horizontal   |
| *    | 8004.0          | 35.8                 | 12.5        | 48.3                   | 68.2           | -19.9       | Peak     | Horizontal   |
|      | 11490.4         | 34.8                 | 19.3        | 54.1                   | 74.0           | -19.9       | Peak     | Horizontal   |
|      | 11490.4         | 23.1                 | 19.3        | 42.4                   | 54.0           | -11.6       | Average  | Horizontal   |
|      | 12381.5         | 31.4                 | 18.4        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
| *    | 7273.0          | 35.5                 | 12.3        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
| *    | 9211.0          | 33.4                 | 14.8        | 48.2                   | 68.2           | -20.0       | Peak     | Vertical     |
|      | 11490.6         | 36.9                 | 19.3        | 56.2                   | 74.0           | -17.8       | Peak     | Vertical     |
|      | 11490.6         | 24.6                 | 19.3        | 43.9                   | 54.0           | -10.1       | Average  | Vertical     |
|      | 12101.0         | 33.5                 | 18.9        | 52.4                   | 74.0           | -21.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11a - Ant 0+1 (CDD Mode)                                                                                                                                                      | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7205.0          | 34.7                 | 12.1        | 46.8                   | 68.2           | -21.4       | Peak     | Horizontal   |
| *    | 8055.0          | 35.7                 | 12.5        | 48.2                   | 68.2           | -20.0       | Peak     | Horizontal   |
|      | 11569.7         | 35.6                 | 19.5        | 55.1                   | 74.0           | -18.9       | Peak     | Horizontal   |
|      | 11569.7         | 23.1                 | 19.5        | 42.6                   | 54.0           | -11.4       | Average  | Horizontal   |
|      | 12016.0         | 32.8                 | 18.7        | 51.5                   | 74.0           | -22.5       | Peak     | Horizontal   |
| *    | 7026.5          | 35.5                 | 10.8        | 46.3                   | 68.2           | -21.9       | Peak     | Vertical     |
| *    | 7970.0          | 35.0                 | 12.5        | 47.5                   | 68.2           | -20.7       | Peak     | Vertical     |
|      | 11569.9         | 37.1                 | 19.5        | 56.6                   | 74.0           | -17.4       | Peak     | Vertical     |
|      | 11569.9         | 26.9                 | 19.5        | 46.4                   | 54.0           | -7.6        | Average  | Vertical     |
|      | 12679.0         | 33.4                 | 18.7        | 52.1                   | 74.0           | -21.9       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11a - Ant 0+1 (CDD Mode)                                                                                                                                                      | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7171.0          | 35.4                 | 11.9        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
| *    | 8701.0          | 33.8                 | 13.8        | 47.6                   | 68.2           | -20.6       | Peak     | Horizontal   |
|      | 10877.0         | 33.7                 | 18.2        | 51.9                   | 74.0           | -22.1       | Peak     | Horizontal   |
|      | 12084.0         | 32.9                 | 18.9        | 51.8                   | 74.0           | -22.2       | Peak     | Horizontal   |
| *    | 7077.5          | 35.7                 | 11.3        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 7876.5          | 34.2                 | 12.4        | 46.6                   | 68.2           | -21.6       | Peak     | Vertical     |
|      | 11649.8         | 37.5                 | 19.4        | 56.9                   | 74.0           | -17.1       | Peak     | Vertical     |
|      | 11649.8         | 22.8                 | 19.3        | 42.1                   | 54.0           | -11.9       | Average  | Vertical     |
|      | 12696.0         | 33.0                 | 18.8        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8599.0          | 34.2                 | 13.4        | 47.6                   | 68.2           | -20.6       | Peak     | Horizontal   |
| *    | 9525.5          | 35.1                 | 14.4        | 49.5                   | 68.2           | -18.7       | Peak     | Horizontal   |
|      | 11625.0         | 33.6                 | 19.4        | 53.0                   | 74.0           | -21.0       | Peak     | Horizontal   |
|      | 12330.5         | 31.0                 | 18.5        | 49.5                   | 74.0           | -24.5       | Peak     | Horizontal   |
| *    | 7111.5          | 34.4                 | 11.5        | 45.9                   | 68.2           | -22.3       | Peak     | Vertical     |
| *    | 8284.5          | 34.0                 | 11.9        | 45.9                   | 68.2           | -22.3       | Peak     | Vertical     |
|      | 10894.0         | 33.6                 | 18.3        | 51.9                   | 74.0           | -22.1       | Peak     | Vertical     |
|      | 12067.0         | 33.3                 | 18.8        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7970.0          | 35.3                 | 12.5        | 47.8                   | 68.2           | -20.4       | Peak     | Horizontal   |
| *    | 9279.0          | 33.0                 | 14.7        | 47.7                   | 68.2           | -20.5       | Peak     | Horizontal   |
|      | 10953.5         | 33.0                 | 18.4        | 51.4                   | 74.0           | -22.6       | Peak     | Horizontal   |
|      | 12381.5         | 33.3                 | 18.4        | 51.7                   | 74.0           | -22.3       | Peak     | Horizontal   |
| *    | 7171.0          | 34.3                 | 11.9        | 46.2                   | 68.2           | -22.0       | Peak     | Vertical     |
| *    | 8599.0          | 34.4                 | 13.4        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
|      | 11310.5         | 33.0                 | 18.9        | 51.9                   | 74.0           | -22.1       | Peak     | Vertical     |
|      | 15654.2         | 36.0                 | 20.4        | 56.4                   | 74.0           | -17.6       | Peak     | Vertical     |
|      | 15654.2         | 22.9                 | 20.4        | 43.3                   | 54.0           | -10.7       | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7876.5          | 34.6                 | 12.4        | 47.0                   | 68.2           | -21.2       | Peak     | Horizontal   |
| *    | 9593.5          | 33.8                 | 14.4        | 48.2                   | 68.2           | -20.0       | Peak     | Horizontal   |
|      | 11132.0         | 32.2                 | 18.6        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
|      | 12636.5         | 33.3                 | 18.7        | 52.0                   | 74.0           | -22.0       | Peak     | Horizontal   |
| *    | 7791.5          | 35.6                 | 12.4        | 48.0                   | 68.2           | -20.2       | Peak     | Vertical     |
| *    | 10477.5         | 38.3                 | 17.1        | 55.4                   | 68.2           | -12.8       | Peak     | Vertical     |
|      | 12398.5         | 31.5                 | 18.4        | 49.9                   | 74.0           | -24.1       | Peak     | Vertical     |
|      | 15713.0         | 37.4                 | 20.5        | 57.9                   | 74.0           | -16.1       | Peak     | Vertical     |
|      | 15713.0         | 24.3                 | 20.5        | 44.8                   | 54.0           | -9.2        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7094.5          | 34.4                 | 11.4        | 45.8                   | 68.2           | -22.4       | Peak     | Horizontal   |
| *    | 8871.0          | 32.2                 | 14.0        | 46.2                   | 68.2           | -22.0       | Peak     | Horizontal   |
|      | 11493.0         | 37.3                 | 19.3        | 56.6                   | 74.0           | -17.4       | Peak     | Horizontal   |
|      | 11493.0         | 26.3                 | 19.3        | 45.6                   | 54.0           | -8.4        | Average  | Horizontal   |
|      | 12356.0         | 32.7                 | 18.4        | 51.1                   | 74.0           | -22.9       | Peak     | Horizontal   |
| *    | 7060.5          | 34.4                 | 11.1        | 45.5                   | 68.2           | -22.7       | Peak     | Vertical     |
| *    | 8514.0          | 33.5                 | 12.9        | 46.4                   | 68.2           | -21.8       | Peak     | Vertical     |
|      | 11565.2         | 37.9                 | 19.5        | 57.4                   | 74.0           | -16.6       | Peak     | Vertical     |
|      | 11565.2         | 25.5                 | 19.5        | 45.0                   | 54.0           | -9.0        | Average  | Vertical     |
|      | 12152.0         | 33.6                 | 18.9        | 52.5                   | 74.0           | -21.5       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7247.5          | 33.4                 | 12.2        | 45.6                   | 68.2           | -22.6       | Peak     | Horizontal   |
| *    | 8905.0          | 32.5                 | 14.0        | 46.5                   | 68.2           | -21.7       | Peak     | Horizontal   |
|      | 10741.0         | 33.2                 | 17.6        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
|      | 11567.1         | 37.4                 | 19.5        | 56.9                   | 74.0           | -17.1       | Peak     | Horizontal   |
|      | 11567.1         | 24.7                 | 19.5        | 44.2                   | 54.0           | -9.8        | Average  | Horizontal   |
| *    | 7137.0          | 33.8                 | 11.7        | 45.5                   | 68.2           | -22.7       | Peak     | Vertical     |
| *    | 8616.0          | 33.4                 | 13.5        | 46.9                   | 68.2           | -21.3       | Peak     | Vertical     |
|      | 10792.0         | 33.5                 | 17.9        | 51.4                   | 74.0           | -22.6       | Peak     | Vertical     |
|      | 11642.0         | 34.2                 | 21.0        | 55.2                   | 74.0           | -18.8       | Peak     | Vertical     |
|      | 11642.0         | 24.0                 | 19.4        | 43.4                   | 54.0           | -10.6       | Average  | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7137.0          | 33.8                 | 11.7        | 45.5                   | 68.2           | -22.7       | Peak     | Horizontal   |
| *    | 8616.0          | 33.4                 | 13.5        | 46.9                   | 68.2           | -21.3       | Peak     | Horizontal   |
|      | 10792.0         | 33.5                 | 17.9        | 51.4                   | 74.0           | -22.6       | Peak     | Horizontal   |
|      | 11642.0         | 34.2                 | 21.0        | 55.2                   | 74.0           | -18.8       | Peak     | Horizontal   |
|      | 11642.0         | 24.0                 | 19.4        | 43.4                   | 54.0           | -10.6       | Average  | Horizontal   |
| *    | 7043.5          | 35.3                 | 11.0        | 46.3                   | 68.2           | -21.9       | Peak     | Vertical     |
| *    | 7953.0          | 35.3                 | 12.5        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
|      | 11647.0         | 37.9                 | 19.4        | 57.3                   | 74.0           | -16.7       | Peak     | Vertical     |
|      | 11647.0         | 24.1                 | 19.3        | 43.4                   | 54.0           | -10.6       | Average  | Vertical     |
|      | 12041.5         | 33.0                 | 18.8        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7171.0          | 34.5                 | 11.9        | 46.4                   | 68.2           | -21.8       | Peak     | Horizontal   |
| *    | 8565.0          | 33.3                 | 13.3        | 46.6                   | 68.2           | -21.6       | Peak     | Horizontal   |
|      | 11038.5         | 32.9                 | 18.5        | 51.4                   | 74.0           | -22.6       | Peak     | Horizontal   |
|      | 13104.0         | 31.4                 | 20.1        | 51.5                   | 74.0           | -22.5       | Peak     | Horizontal   |
| *    | 7851.0          | 34.6                 | 12.4        | 47.0                   | 68.2           | -21.2       | Peak     | Vertical     |
| *    | 8590.5          | 32.2                 | 13.4        | 45.6                   | 68.2           | -22.6       | Peak     | Vertical     |
|      | 10622.0         | 32.6                 | 17.3        | 49.9                   | 74.0           | -24.1       | Peak     | Vertical     |
|      | 13104.0         | 31.0                 | 20.1        | 51.1                   | 74.0           | -22.9       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7856.0          | 34.4                 | 12.4        | 46.8                   | 68.2           | -21.4       | Peak     | Horizontal   |
| *    | 8862.5          | 33.4                 | 14.0        | 47.4                   | 68.2           | -20.8       | Peak     | Horizontal   |
|      | 10647.5         | 33.4                 | 17.4        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
|      | 11956.5         | 32.7                 | 18.6        | 51.3                   | 74.0           | -22.7       | Peak     | Horizontal   |
| *    | 8624.5          | 34.4                 | 13.5        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 10469.0         | 37.8                 | 17.1        | 54.9                   | 68.2           | -13.3       | Peak     | Vertical     |
|      | 11268.0         | 33.2                 | 18.8        | 52.0                   | 74.0           | -22.0       | Peak     | Vertical     |
|      | 12381.5         | 32.5                 | 18.4        | 50.9                   | 74.0           | -23.1       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7077.5          | 34.5                 | 11.3        | 45.8                   | 68.2           | -22.4       | Peak     | Horizontal   |
| *    | 8658.5          | 31.8                 | 13.6        | 45.4                   | 68.2           | -22.8       | Peak     | Horizontal   |
|      | 10877.0         | 32.9                 | 18.2        | 51.1                   | 74.0           | -22.9       | Peak     | Horizontal   |
|      | 12381.5         | 32.2                 | 18.4        | 50.6                   | 74.0           | -23.4       | Peak     | Horizontal   |
| *    | 7893.5          | 35.6                 | 12.4        | 48.0                   | 68.2           | -20.2       | Peak     | Vertical     |
| *    | 9610.5          | 34.6                 | 14.4        | 49.0                   | 68.2           | -19.2       | Peak     | Vertical     |
|      | 11512.5         | 35.2                 | 19.4        | 54.6                   | 74.0           | -19.4       | Peak     | Vertical     |
|      | 11512.5         | 26.4                 | 19.4        | 45.8                   | 54.0           | -8.2        | Average  | Vertical     |
|      | 12271.0         | 31.8                 | 18.6        | 50.4                   | 74.0           | -23.6       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11n-HT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                              | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7893.5          | 35.6                 | 12.4        | 48.0                   | 68.2           | -20.2       | Peak     | Horizontal   |
| *    | 9508.5          | 33.4                 | 14.4        | 47.8                   | 68.2           | -20.4       | Peak     | Horizontal   |
|      | 11820.5         | 32.1                 | 18.7        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
|      | 12441.0         | 32.0                 | 18.4        | 50.4                   | 74.0           | -23.6       | Peak     | Horizontal   |
| *    | 8055.0          | 36.4                 | 12.5        | 48.9                   | 68.2           | -19.3       | Peak     | Vertical     |
| *    | 9593.5          | 34.3                 | 14.4        | 48.7                   | 68.2           | -19.5       | Peak     | Vertical     |
|      | 11591.3         | 34.4                 | 19.5        | 53.9                   | 74.0           | -20.1       | Peak     | Vertical     |
|      | 11591.3         | 18.0                 | 19.5        | 37.5                   | 54.0           | -16.5       | Average  | Vertical     |
|      | 12662.0         | 31.2                 | 18.7        | 49.9                   | 74.0           | -24.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7921.0          | 35.7                 | 12.5        | 48.2                   | 68.2           | -20.0       | Peak     | Horizontal   |
| *    | 9542.5          | 33.9                 | 14.4        | 48.3                   | 68.2           | -19.9       | Peak     | Horizontal   |
|      | 11599.5         | 30.8                 | 19.4        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
|      | 12645.2         | 34.9                 | 18.7        | 53.6                   | 74.0           | -20.4       | Peak     | Horizontal   |
|      | 12645.2         | 19.0                 | 18.7        | 37.7                   | 54.0           | -16.3       | Average  | Vertical     |
| *    | 8922.0          | 32.4                 | 14.0        | 46.4                   | 68.2           | -21.8       | Peak     | Vertical     |
| *    | 10358.5         | 34.4                 | 18.5        | 52.9                   | 68.2           | -15.3       | Peak     | Vertical     |
|      | 11540.0         | 30.9                 | 19.4        | 50.3                   | 74.0           | -23.7       | Peak     | Vertical     |
|      | 12211.5         | 31.2                 | 18.8        | 50.0                   | 74.0           | -24.0       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7876.5          | 34.1                 | 12.4        | 46.5                   | 68.2           | -21.7       | Peak     | Horizontal   |
| *    | 10452.0         | 34.9                 | 18.5        | 53.4                   | 68.2           | -14.8       | Peak     | Horizontal   |
|      | 11735.5         | 31.7                 | 19.0        | 50.7                   | 74.0           | -23.3       | Peak     | Horizontal   |
|      | 15665.8         | 35.1                 | 20.4        | 55.5                   | 74.0           | -18.5       | Peak     | Horizontal   |
|      | 15665.8         | 22.6                 | 20.4        | 43.0                   | 54.0           | -11.0       | Average  | Horizontal   |
| *    | 8607.5          | 32.6                 | 13.5        | 46.1                   | 68.2           | -22.1       | Peak     | Vertical     |
| *    | 10452.0         | 36.1                 | 18.5        | 54.6                   | 68.2           | -13.6       | Peak     | Vertical     |
|      | 11905.5         | 31.4                 | 18.6        | 50.0                   | 74.0           | -24.0       | Peak     | Vertical     |
|      | 15661.0         | 37.0                 | 20.4        | 57.4                   | 74.0           | -16.6       | Peak     | Vertical     |
|      | 15661.0         | 25.2                 | 20.4        | 45.6                   | 54.0           | -8.4        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/14 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7944.5          | 33.3                 | 12.5        | 45.8                   | 68.2           | -22.4       | Peak     | Horizontal   |
| *    | 8701.0          | 31.2                 | 13.8        | 45.0                   | 68.2           | -23.2       | Peak     | Horizontal   |
|      | 11820.5         | 30.4                 | 18.7        | 49.1                   | 74.0           | -24.9       | Peak     | Horizontal   |
|      | 15715.7         | 37.3                 | 20.5        | 57.8                   | 74.0           | -16.2       | Peak     | Horizontal   |
|      | 15715.7         | 23.4                 | 20.5        | 43.9                   | 54.0           | -10.1       | Average  | Horizontal   |
| *    | 7978.5          | 35.4                 | 12.5        | 47.9                   | 68.2           | -20.3       | Peak     | Vertical     |
| *    | 10469.0         | 37.2                 | 18.7        | 55.9                   | 68.2           | -12.3       | Peak     | Vertical     |
|      | 11642.0         | 32.4                 | 19.4        | 51.8                   | 74.0           | -22.2       | Peak     | Vertical     |
|      | 15715.7         | 37.4                 | 20.5        | 57.9                   | 74.0           | -16.1       | Peak     | Vertical     |
|      | 15715.7         | 25.3                 | 20.5        | 45.8                   | 54.0           | -8.2        | Average  | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8505.5          | 32.9                 | 12.9        | 45.8                   | 68.2           | -22.4       | Peak     | Horizontal   |
| *    | 9636.0          | 34.0                 | 14.4        | 48.4                   | 68.2           | -19.8       | Peak     | Horizontal   |
|      | 11493.3         | 35.1                 | 19.3        | 54.4                   | 74.0           | -19.6       | Peak     | Horizontal   |
|      | 11493.3         | 26.1                 | 19.3        | 45.4                   | 54.0           | -8.6        | Average  | Horizontal   |
|      | 12526.0         | 31.5                 | 18.6        | 50.1                   | 74.0           | -23.9       | Peak     | Horizontal   |
| *    | 8038.0          | 35.7                 | 12.5        | 48.2                   | 68.2           | -20.0       | Peak     | Vertical     |
| *    | 8947.5          | 32.9                 | 14.0        | 46.9                   | 68.2           | -21.3       | Peak     | Vertical     |
|      | 11493.1         | 37.8                 | 19.3        | 57.1                   | 74.0           | -16.9       | Peak     | Vertical     |
|      | 11493.1         | 27.1                 | 19.3        | 46.4                   | 54.0           | -7.6        | Average  | Vertical     |
|      | 12220.0         | 32.3                 | 18.7        | 51.0                   | 74.0           | -23.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8658.5          | 34.2                 | 13.6        | 47.8                   | 68.2           | -20.4       | Peak     | Horizontal   |
| *    | 10384.0         | 33.4                 | 16.9        | 50.3                   | 68.2           | -17.9       | Peak     | Horizontal   |
|      | 11569.6         | 37.2                 | 19.5        | 56.7                   | 74.0           | -17.3       | Peak     | Horizontal   |
|      | 11569.6         | 26.8                 | 19.5        | 46.3                   | 54.0           | -7.7        | Average  | Horizontal   |
|      | 12415.5         | 32.3                 | 18.4        | 50.7                   | 74.0           | -23.3       | Peak     | Horizontal   |
| *    | 8811.5          | 30.5                 | 14.0        | 44.5                   | 68.2           | -23.7       | Peak     | Vertical     |
| *    | 10078.0         | 32.9                 | 15.6        | 48.5                   | 68.2           | -19.7       | Peak     | Vertical     |
|      | 11568.9         | 37.9                 | 19.5        | 57.4                   | 74.0           | -16.6       | Peak     | Vertical     |
|      | 11568.9         | 28.7                 | 19.5        | 48.2                   | 54.0           | -5.8        | Average  | Vertical     |
|      | 12288.0         | 32.3                 | 18.6        | 50.9                   | 74.0           | -23.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8508.0          | 34.2                 | 11.9        | 46.1                   | 68.2           | -22.1       | Peak     | Horizontal   |
| *    | 10231.0         | 34.5                 | 16.4        | 50.9                   | 68.2           | -17.3       | Peak     | Horizontal   |
|      | 11649.5         | 35.2                 | 19.4        | 54.6                   | 74.0           | -19.4       | Peak     | Horizontal   |
|      | 11649.5         | 25.1                 | 19.3        | 44.4                   | 54.0           | -9.6        | Average  | Horizontal   |
|      | 12517.5         | 32.3                 | 18.6        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 8930.5          | 32.5                 | 14.0        | 46.5                   | 68.2           | -21.7       | Peak     | Vertical     |
| *    | 10197.0         | 33.5                 | 16.2        | 49.7                   | 68.2           | -18.5       | Peak     | Vertical     |
|      | 11647.2         | 36.1                 | 19.4        | 55.5                   | 74.0           | -18.5       | Peak     | Vertical     |
|      | 11647.2         | 27.2                 | 19.3        | 46.5                   | 54.0           | -7.5        | Average  | Vertical     |
|      | 12551.5         | 32.4                 | 18.6        | 51.0                   | 74.0           | -23.0       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8930.5          | 32.5                 | 14.0        | 46.5                   | 68.2           | -21.7       | Peak     | Horizontal   |
| *    | 9789.0          | 33.1                 | 15.0        | 48.1                   | 68.2           | -20.1       | Peak     | Horizontal   |
|      | 11174.5         | 31.6                 | 18.7        | 50.3                   | 74.0           | -23.7       | Peak     | Horizontal   |
|      | 12211.5         | 31.4                 | 18.8        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
| *    | 7842.5          | 34.9                 | 12.4        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
| *    | 8616.0          | 32.9                 | 13.5        | 46.4                   | 68.2           | -21.8       | Peak     | Vertical     |
|      | 10809.0         | 32.7                 | 17.9        | 50.6                   | 74.0           | -23.4       | Peak     | Vertical     |
|      | 12194.5         | 32.4                 | 18.8        | 51.2                   | 74.0           | -22.8       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8616.0          | 32.9                 | 13.5        | 46.4                   | 68.2           | -21.8       | Peak     | Horizontal   |
| *    | 9559.5          | 33.3                 | 14.4        | 47.7                   | 68.2           | -20.5       | Peak     | Horizontal   |
|      | 11064.0         | 32.2                 | 18.5        | 50.7                   | 74.0           | -23.3       | Peak     | Horizontal   |
|      | 11948.0         | 31.2                 | 18.6        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
| *    | 7931.5          | 33.3                 | 12.2        | 45.5                   | 68.2           | -22.7       | Peak     | Vertical     |
| *    | 8777.5          | 31.6                 | 13.9        | 45.5                   | 68.2           | -22.7       | Peak     | Vertical     |
|      | 11829.0         | 32.4                 | 18.7        | 51.1                   | 74.0           | -22.9       | Peak     | Vertical     |
|      | 12560.0         | 32.9                 | 18.6        | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7018.0          | 34.3                 | 10.7        | 45.0                   | 68.2           | -23.2       | Peak     | Horizontal   |
| *    | 8769.0          | 31.6                 | 13.9        | 45.5                   | 68.2           | -22.7       | Peak     | Horizontal   |
|      | 10945.0         | 32.8                 | 18.4        | 51.2                   | 74.0           | -22.8       | Peak     | Horizontal   |
|      | 11642.0         | 32.8                 | 19.4        | 52.2                   | 74.0           | -21.8       | Peak     | Horizontal   |
| *    | 7103.0          | 33.2                 | 11.5        | 44.7                   | 68.2           | -23.5       | Peak     | Vertical     |
| *    | 8769.0          | 31.6                 | 13.9        | 45.5                   | 68.2           | -22.7       | Peak     | Vertical     |
|      | 10639.0         | 32.3                 | 17.4        | 49.7                   | 74.0           | -24.3       | Peak     | Vertical     |
|      | 12330.5         | 30.8                 | 18.5        | 49.3                   | 74.0           | -24.7       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7188.0          | 34.2                 | 12.0        | 46.2                   | 68.2           | -22.0       | Peak     | Horizontal   |
| *    | 8888.0          | 32.6                 | 14.0        | 46.6                   | 68.2           | -21.6       | Peak     | Horizontal   |
|      | 10826.0         | 31.8                 | 18.0        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
|      | 12220.0         | 30.8                 | 18.7        | 49.5                   | 74.0           | -24.5       | Peak     | Horizontal   |
| *    | 7060.5          | 33.3                 | 11.1        | 44.4                   | 68.2           | -23.8       | Peak     | Vertical     |
| *    | 8735.0          | 31.1                 | 13.9        | 45.0                   | 68.2           | -23.2       | Peak     | Vertical     |
|      | 10783.5         | 33.2                 | 17.8        | 51.0                   | 74.0           | -23.0       | Peak     | Vertical     |
|      | 12118.0         | 31.8                 | 18.9        | 50.7                   | 74.0           | -23.3       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT80 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 8930.5          | 31.7                 | 14.0        | 45.7                   | 68.2           | -22.5       | Peak     | Horizontal   |
| *    | 9942.0          | 33.9                 | 15.3        | 49.2                   | 68.2           | -19.0       | Peak     | Horizontal   |
|      | 11225.5         | 31.4                 | 18.8        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
|      | 12118.0         | 31.8                 | 18.9        | 50.7                   | 74.0           | -23.3       | Peak     | Horizontal   |
| *    | 8930.5          | 31.7                 | 14.0        | 45.7                   | 68.2           | -22.5       | Peak     | Vertical     |
| *    | 9755.0          | 33.0                 | 14.8        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
|      | 10783.5         | 32.5                 | 17.8        | 50.3                   | 74.0           | -23.7       | Peak     | Vertical     |
|      | 11880.0         | 31.1                 | 18.6        | 49.7                   | 74.0           | -24.3       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/11 |
| Test Mode:    | 802.11ac-VHT80 - Ant 0+1<br>(CDD Mode)                                                                                                                                            | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| *    | 7111.5          | 33.5                 | 11.5        | 45.0                   | 68.2           | -23.2       | Peak     | Horizontal   |
| *    | 8930.5          | 31.1                 | 14.0        | 45.1                   | 68.2           | -23.1       | Peak     | Horizontal   |
|      | 10826.0         | 31.9                 | 18.0        | 49.9                   | 74.0           | -24.1       | Peak     | Horizontal   |
|      | 12041.5         | 31.1                 | 18.8        | 49.9                   | 74.0           | -24.1       | Peak     | Horizontal   |
| *    | 7944.5          | 34.3                 | 12.5        | 46.8                   | 68.2           | -21.4       | Peak     | Vertical     |
| *    | 8879.5          | 32.7                 | 14.0        | 46.7                   | 68.2           | -21.5       | Peak     | Vertical     |
|      | 10843.0         | 32.1                 | 18.1        | 50.2                   | 74.0           | -23.8       | Peak     | Vertical     |
|      | 12288.0         | 30.7                 | 18.6        | 49.3                   | 74.0           | -24.7       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7494.0          | 35.4                 | 12.8        | 48.2                   | 74.0           | -25.8       | Peak     | Horizontal   |
| *    | 8888.0          | 32.4                 | 14.0        | 46.4                   | 68.2           | -21.8       | Peak     | Horizontal   |
|      | 10928.0         | 33.4                 | 18.4        | 51.8                   | 74.0           | -22.2       | Peak     | Horizontal   |
| *    | 12781.0         | 32.9                 | 19.0        | 51.9                   | 68.2           | -16.3       | Peak     | Horizontal   |
|      | 7528.0          | 35.3                 | 12.8        | 48.1                   | 74.0           | -25.9       | Peak     | Vertical     |
| *    | 8718.0          | 33.5                 | 13.8        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
|      | 11106.5         | 33.1                 | 18.6        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
| *    | 13104.0         | 32.2                 | 20.1        | 52.3                   | 68.2           | -15.9       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7519.5          | 35.8                 | 12.8        | 48.6                   | 74.0           | -25.4       | Peak     | Horizontal   |
| *    | 8956.0          | 33.2                 | 14.0        | 47.2                   | 68.2           | -21.0       | Peak     | Horizontal   |
|      | 11285.0         | 32.9                 | 18.9        | 51.8                   | 74.0           | -22.2       | Peak     | Horizontal   |
| *    | 13121.0         | 32.3                 | 20.1        | 52.4                   | 68.2           | -15.8       | Peak     | Horizontal   |
|      | 7519.5          | 35.0                 | 12.8        | 47.8                   | 74.0           | -26.2       | Peak     | Vertical     |
| *    | 8735.0          | 33.8                 | 13.9        | 47.7                   | 68.2           | -20.5       | Peak     | Vertical     |
|      | 10690.0         | 34.2                 | 17.5        | 51.7                   | 74.0           | -22.3       | Peak     | Vertical     |
| *    | 12900.0         | 33.1                 | 19.5        | 52.6                   | 68.2           | -15.6       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7519.5          | 34.8                 | 12.8        | 47.6                   | 74.0           | -26.4       | Peak     | Horizontal   |
| *    | 8769.0          | 34.2                 | 13.9        | 48.1                   | 68.2           | -20.1       | Peak     | Horizontal   |
|      | 10877.0         | 33.5                 | 18.2        | 51.7                   | 74.0           | -22.3       | Peak     | Horizontal   |
| *    | 12985.0         | 33.1                 | 19.8        | 52.9                   | 68.2           | -15.3       | Peak     | Horizontal   |
|      | 7655.5          | 34.6                 | 12.5        | 47.1                   | 74.0           | -26.9       | Peak     | Vertical     |
| *    | 9551.0          | 33.9                 | 14.4        | 48.3                   | 68.2           | -19.9       | Peak     | Vertical     |
|      | 11217.0         | 32.7                 | 18.8        | 51.5                   | 74.0           | -22.5       | Peak     | Vertical     |
| *    | 12840.5         | 32.5                 | 19.2        | 51.7                   | 68.2           | -16.5       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7638.5          | 35.7                 | 12.6        | 48.3                   | 74.0           | -25.7       | Peak     | Horizontal   |
| *    | 8786.0          | 33.0                 | 13.9        | 46.9                   | 68.2           | -21.3       | Peak     | Horizontal   |
|      | 10877.0         | 33.1                 | 18.2        | 51.3                   | 74.0           | -22.7       | Peak     | Horizontal   |
| *    | 12908.5         | 33.0                 | 19.5        | 52.5                   | 68.2           | -15.7       | Average  | Horizontal   |
|      | 7536.5          | 33.6                 | 12.8        | 46.4                   | 74.0           | -27.6       | Peak     | Horizontal   |
| *    | 8718.0          | 33.5                 | 13.8        | 47.3                   | 68.2           | -20.9       | Peak     | Vertical     |
|      | 11489.0         | 33.3                 | 19.3        | 52.6                   | 74.0           | -21.4       | Peak     | Vertical     |
| *    | 13002.0         | 33.5                 | 19.9        | 53.4                   | 68.2           | -14.8       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7451.5          | 34.8                 | 12.8        | 47.6                   | 74.0           | -26.4       | Peak     | Horizontal   |
| *    | 8769.0          | 33.2                 | 13.9        | 47.1                   | 68.2           | -21.1       | Peak     | Horizontal   |
|      | 10928.0         | 34.3                 | 18.4        | 52.7                   | 74.0           | -21.3       | Peak     | Horizontal   |
| *    | 12815.0         | 31.9                 | 19.1        | 51.0                   | 68.2           | -17.2       | Peak     | Horizontal   |
|      | 7409.0          | 34.6                 | 12.6        | 47.2                   | 74.0           | -26.8       | Peak     | Vertical     |
| *    | 8726.5          | 33.0                 | 13.8        | 46.8                   | 68.2           | -21.4       | Peak     | Vertical     |
|      | 11568.8         | 34.9                 | 19.5        | 54.4                   | 74.0           | -19.6       | Peak     | Vertical     |
|      | 11568.8         | 22.7                 | 20.8        | 43.5                   | 54.0           | -10.5       | Average  | Vertical     |
| *    | 13163.5         | 32.9                 | 20.2        | 53.1                   | 68.2           | -15.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7417.5          | 33.5                 | 12.6        | 46.1                   | 74.0           | -27.9       | Peak     | Horizontal   |
| *    | 8743.5          | 32.0                 | 13.9        | 45.9                   | 68.2           | -22.3       | Peak     | Horizontal   |
|      | 11174.5         | 31.7                 | 18.7        | 50.4                   | 74.0           | -23.6       | Peak     | Horizontal   |
| *    | 13478.0         | 30.3                 | 21.7        | 52.0                   | 68.2           | -16.2       | Peak     | Horizontal   |
|      | 7587.5          | 32.5                 | 12.7        | 45.2                   | 74.0           | -28.8       | Peak     | Vertical     |
| *    | 8743.5          | 32.6                 | 13.9        | 46.5                   | 68.2           | -21.7       | Peak     | Vertical     |
|      | 11650.5         | 33.8                 | 19.3        | 53.1                   | 74.0           | -20.9       | Peak     | Vertical     |
| *    | 13435.5         | 31.5                 | 21.6        | 53.1                   | 68.2           | -15.1       | Peak     | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7426.0          | 32.8                 | 12.7        | 45.5                   | 74.0           | -28.5       | Peak     | Horizontal   |
| *    | 8675.5          | 31.8                 | 13.7        | 45.5                   | 68.2           | -22.7       | Peak     | Horizontal   |
|      | 10911.0         | 32.6                 | 18.4        | 51.0                   | 74.0           | -23.0       | Peak     | Horizontal   |
| *    | 13478.0         | 30.1                 | 21.7        | 51.8                   | 68.2           | -16.4       | Peak     | Horizontal   |
|      | 7519.5          | 33.7                 | 12.8        | 46.5                   | 74.0           | -27.5       | Peak     | Vertical     |
| *    | 8735.0          | 31.9                 | 13.9        | 45.8                   | 68.2           | -22.4       | Peak     | Vertical     |
|      | 10902.5         | 32.5                 | 18.3        | 50.8                   | 74.0           | -23.2       | Peak     | Vertical     |
| *    | 13172.0         | 31.6                 | 20.2        | 51.8                   | 68.2           | -16.4       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7477.0          | 33.4                 | 12.8        | 46.2                   | 74.0           | -27.8       | Peak     | Horizontal   |
| *    | 8692.5          | 31.8                 | 13.7        | 45.5                   | 68.2           | -22.7       | Peak     | Horizontal   |
|      | 11633.5         | 31.8                 | 19.4        | 51.2                   | 74.0           | -22.8       | Peak     | Horizontal   |
| *    | 12917.0         | 32.0                 | 19.6        | 51.6                   | 68.2           | -16.6       | Peak     | Horizontal   |
|      | 7434.5          | 33.6                 | 12.7        | 46.3                   | 74.0           | -27.7       | Peak     | Vertical     |
| *    | 8684.0          | 32.1                 | 13.7        | 45.8                   | 68.2           | -22.4       | Peak     | Vertical     |
|      | 10911.0         | 32.2                 | 18.4        | 50.6                   | 74.0           | -23.4       | Peak     | Vertical     |
| *    | 13189.0         | 31.2                 | 20.3        | 51.5                   | 68.2           | -16.7       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7519.5          | 33.1                 | 12.8        | 45.9                   | 74.0           | -28.1       | Peak     | Horizontal   |
| *    | 8658.5          | 31.0                 | 13.6        | 44.6                   | 68.2           | -23.6       | Peak     | Horizontal   |
|      | 11132.0         | 30.6                 | 18.6        | 49.2                   | 74.0           | -24.8       | Peak     | Horizontal   |
| *    | 12917.0         | 32.3                 | 19.6        | 51.9                   | 68.2           | -16.3       | Peak     | Horizontal   |
|      | 7519.5          | 33.8                 | 12.8        | 46.6                   | 74.0           | -27.4       | Peak     | Vertical     |
| *    | 8667.0          | 32.4                 | 13.6        | 46.0                   | 68.2           | -22.2       | Peak     | Vertical     |
|      | 10919.5         | 31.5                 | 18.4        | 49.9                   | 74.0           | -24.1       | Peak     | Vertical     |
| *    | 13129.5         | 31.1                 | 20.1        | 51.2                   | 68.2           | -17.0       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11n-HT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                   | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7426.0          | 33.4                 | 12.7        | 46.1                   | 74.0           | -27.9       | Peak     | Horizontal   |
| *    | 8684.0          | 32.2                 | 13.7        | 45.9                   | 68.2           | -22.3       | Peak     | Horizontal   |
|      | 11004.5         | 32.0                 | 18.5        | 50.5                   | 74.0           | -23.5       | Peak     | Horizontal   |
| *    | 13036.0         | 31.3                 | 20.0        | 51.3                   | 68.2           | -16.9       | Peak     | Horizontal   |
|      | 7562.0          | 33.3                 | 12.8        | 46.1                   | 74.0           | -27.9       | Peak     | Vertical     |
| *    | 9245.0          | 33.0                 | 14.8        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
|      | 10902.5         | 31.6                 | 18.3        | 49.9                   | 74.0           | -24.1       | Peak     | Vertical     |
| *    | 12883.0         | 30.5                 | 19.4        | 49.9                   | 68.2           | -18.3       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7443.0          | 33.1                 | 12.7        | 45.8                   | 74.0           | -28.2       | Peak     | Horizontal   |
| *    | 8692.5          | 32.4                 | 13.7        | 46.1                   | 68.2           | -22.1       | Peak     | Horizontal   |
|      | 11633.5         | 31.9                 | 19.4        | 51.3                   | 74.0           | -22.7       | Peak     | Horizontal   |
| *    | 13180.5         | 31.5                 | 20.2        | 51.7                   | 68.2           | -16.5       | Peak     | Horizontal   |
|      | 7570.5          | 32.6                 | 12.8        | 45.4                   | 74.0           | -28.6       | Peak     | Vertical     |
| *    | 8726.5          | 31.8                 | 13.8        | 45.6                   | 68.2           | -22.6       | Peak     | Vertical     |
|      | 11489.0         | 30.8                 | 19.3        | 50.1                   | 74.0           | -23.9       | Peak     | Vertical     |
| *    | 13733.0         | 31.3                 | 22.0        | 53.3                   | 68.2           | -14.9       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7443.0          | 32.9                 | 12.7        | 45.6                   | 74.0           | -28.4       | Peak     | Horizontal   |
| *    | 8667.0          | 31.8                 | 13.6        | 45.4                   | 68.2           | -22.8       | Peak     | Horizontal   |
|      | 10749.5         | 32.3                 | 17.7        | 50.0                   | 74.0           | -24.0       | Peak     | Horizontal   |
| *    | 13129.5         | 31.6                 | 20.1        | 51.7                   | 68.2           | -16.5       | Peak     | Horizontal   |
|      | 7570.5          | 33.9                 | 12.8        | 46.7                   | 74.0           | -27.3       | Peak     | Vertical     |
| *    | 9746.5          | 33.6                 | 14.8        | 48.4                   | 68.2           | -19.8       | Peak     | Vertical     |
|      | 11446.5         | 30.9                 | 19.2        | 50.1                   | 74.0           | -23.9       | Peak     | Vertical     |
| *    | 13087.0         | 31.7                 | 20.1        | 51.8                   | 68.2           | -16.4       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7400.5          | 33.4                 | 12.6        | 46.0                   | 74.0           | -28.0       | Peak     | Horizontal   |
| *    | 8684.0          | 32.1                 | 13.7        | 45.8                   | 68.2           | -22.4       | Peak     | Horizontal   |
|      | 10664.5         | 32.7                 | 17.4        | 50.1                   | 74.0           | -23.9       | Peak     | Horizontal   |
| *    | 13010.5         | 30.0                 | 19.9        | 49.9                   | 68.2           | -18.3       | Peak     | Horizontal   |
|      | 7528.0          | 32.7                 | 12.8        | 45.5                   | 74.0           | -28.5       | Peak     | Vertical     |
| *    | 9576.5          | 33.1                 | 14.4        | 47.5                   | 68.2           | -20.7       | Peak     | Vertical     |
|      | 10936.5         | 31.8                 | 18.4        | 50.2                   | 74.0           | -23.8       | Peak     | Vertical     |
| *    | 13197.5         | 31.1                 | 20.3        | 51.4                   | 68.2           | -16.8       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7536.5          | 33.3                 | 12.8        | 46.1                   | 74.0           | -27.9       | Peak     | Horizontal   |
| *    | 9253.5          | 32.3                 | 14.8        | 47.1                   | 68.2           | -21.1       | Peak     | Horizontal   |
|      | 11242.5         | 31.4                 | 18.8        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
| *    | 13044.5         | 31.0                 | 20.0        | 51.0                   | 68.2           | -17.2       | Peak     | Horizontal   |
|      | 7485.5          | 32.8                 | 12.8        | 45.6                   | 74.0           | -28.4       | Peak     | Vertical     |
| *    | 9245.0          | 32.3                 | 14.8        | 47.1                   | 68.2           | -21.1       | Peak     | Vertical     |
|      | 10656.0         | 32.8                 | 17.4        | 50.2                   | 74.0           | -23.8       | Peak     | Vertical     |
| *    | 12747.0         | 31.7                 | 18.9        | 50.6                   | 68.2           | -17.6       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7451.5          | 33.0                 | 12.8        | 45.8                   | 74.0           | -28.2       | Peak     | Horizontal   |
| *    | 8692.5          | 33.0                 | 13.7        | 46.7                   | 68.2           | -21.5       | Peak     | Horizontal   |
|      | 10707.0         | 32.7                 | 17.5        | 50.2                   | 74.0           | -23.8       | Peak     | Horizontal   |
| *    | 12908.5         | 31.9                 | 19.5        | 51.4                   | 68.2           | -16.8       | Peak     | Horizontal   |
|      | 7494.0          | 32.6                 | 12.8        | 45.4                   | 74.0           | -28.6       | Peak     | Vertical     |
| *    | 8752.0          | 32.2                 | 13.9        | 46.1                   | 68.2           | -22.1       | Peak     | Vertical     |
|      | 10996.0         | 30.8                 | 18.5        | 49.3                   | 74.0           | -24.7       | Peak     | Vertical     |
| *    | 13095.5         | 31.0                 | 20.1        | 51.1                   | 68.2           | -17.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT20 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7426.0          | 32.8                 | 12.7        | 45.5                   | 74.0           | -28.5       | Peak     | Horizontal   |
| *    | 8709.5          | 32.1                 | 13.8        | 45.9                   | 68.2           | -22.3       | Peak     | Horizontal   |
|      | 10851.5         | 32.7                 | 18.1        | 50.8                   | 74.0           | -23.2       | Peak     | Horizontal   |
| *    | 12840.5         | 31.9                 | 19.2        | 51.1                   | 68.2           | -17.1       | Peak     | Horizontal   |
|      | 7502.5          | 33.3                 | 12.9        | 46.2                   | 74.0           | -27.8       | Peak     | Vertical     |
| *    | 9228.0          | 31.6                 | 14.8        | 46.4                   | 68.2           | -21.8       | Peak     | Vertical     |
|      | 11650.5         | 32.2                 | 19.3        | 51.5                   | 74.0           | -22.5       | Peak     | Vertical     |
| *    | 13019.0         | 30.9                 | 19.9        | 50.8                   | 68.2           | -17.4       | Peak     | Vertical     |
|      | 7426.0          | 32.8                 | 12.7        | 45.5                   | 74.0           | -28.5       | Average  | Vertical     |

Note 1: “\*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7502.5          | 32.7                 | 12.9        | 45.6                   | 74.0           | -28.4       | Peak     | Horizontal   |
| *    | 8658.5          | 30.0                 | 13.6        | 43.6                   | 68.2           | -24.6       | Peak     | Horizontal   |
|      | 10775.0         | 33.1                 | 17.8        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 12985.0         | 30.9                 | 19.8        | 50.7                   | 68.2           | -17.5       | Peak     | Horizontal   |
|      | 7460.0          | 33.8                 | 12.8        | 46.6                   | 74.0           | -27.4       | Peak     | Vertical     |
| *    | 9636.0          | 33.7                 | 14.4        | 48.1                   | 68.2           | -20.1       | Peak     | Vertical     |
|      | 11106.5         | 30.7                 | 18.6        | 49.3                   | 74.0           | -24.7       | Peak     | Vertical     |
| *    | 12891.5         | 31.5                 | 19.4        | 50.9                   | 68.2           | -17.3       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7536.5          | 32.6                 | 12.8        | 45.4                   | 74.0           | -28.6       | Peak     | Horizontal   |
| *    | 9644.5          | 34.1                 | 14.5        | 48.6                   | 68.2           | -19.6       | Peak     | Horizontal   |
|      | 10877.0         | 32.4                 | 18.2        | 50.6                   | 74.0           | -23.4       | Peak     | Horizontal   |
| *    | 12900.0         | 31.0                 | 19.5        | 50.5                   | 68.2           | -17.7       | Peak     | Horizontal   |
|      | 7672.5          | 33.7                 | 12.5        | 46.2                   | 74.0           | -27.8       | Peak     | Vertical     |
| *    | 9287.5          | 31.3                 | 14.7        | 46.0                   | 68.2           | -22.2       | Peak     | Vertical     |
|      | 11370.0         | 31.0                 | 19.0        | 50.0                   | 74.0           | -24.0       | Peak     | Vertical     |
| *    | 12951.0         | 30.8                 | 19.7        | 50.5                   | 68.2           | -17.7       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7681.0          | 33.1                 | 12.5        | 45.6                   | 74.0           | -28.4       | Peak     | Horizontal   |
| *    | 9644.5          | 32.8                 | 14.5        | 47.3                   | 68.2           | -20.9       | Peak     | Horizontal   |
|      | 11157.5         | 32.2                 | 18.7        | 50.9                   | 74.0           | -23.1       | Peak     | Horizontal   |
| *    | 12917.0         | 32.9                 | 19.6        | 52.5                   | 68.2           | -15.7       | Peak     | Horizontal   |
|      | 7417.5          | 32.8                 | 12.6        | 45.4                   | 74.0           | -28.6       | Peak     | Vertical     |
| *    | 9780.5          | 32.9                 | 14.9        | 47.8                   | 68.2           | -20.4       | Peak     | Vertical     |
|      | 11514.5         | 31.0                 | 19.4        | 50.4                   | 74.0           | -23.6       | Peak     | Vertical     |
| *    | 13554.5         | 30.2                 | 21.9        | 52.1                   | 68.2           | -16.1       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT40 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7528.0          | 33.0                 | 12.8        | 45.8                   | 74.0           | -28.2       | Peak     | Horizontal   |
| *    | 9916.5          | 34.3                 | 15.3        | 49.6                   | 68.2           | -18.6       | Peak     | Horizontal   |
|      | 11404.0         | 31.9                 | 19.1        | 51.0                   | 74.0           | -23.0       | Peak     | Horizontal   |
| *    | 13605.5         | 31.2                 | 21.8        | 53.0                   | 68.2           | -15.2       | Peak     | Horizontal   |
|      | 7426.0          | 33.7                 | 12.7        | 46.4                   | 74.0           | -27.6       | Peak     | Vertical     |
| *    | 8718.0          | 32.1                 | 13.8        | 45.9                   | 68.2           | -22.3       | Peak     | Vertical     |
|      | 10860.0         | 31.8                 | 18.2        | 50.0                   | 74.0           | -24.0       | Peak     | Vertical     |
| *    | 12874.5         | 31.5                 | 19.4        | 50.9                   | 68.2           | -17.3       | Peak     | Vertical     |

Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT80 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7451.5          | 33.4                 | 12.8        | 46.2                   | 74.0           | -27.8       | Peak     | Horizontal   |
| *    | 8616.0          | 32.7                 | 13.5        | 46.2                   | 68.2           | -22.0       | Peak     | Horizontal   |
|      | 10928.0         | 31.4                 | 18.4        | 49.8                   | 74.0           | -24.2       | Peak     | Horizontal   |
| *    | 13019.0         | 31.3                 | 19.9        | 51.2                   | 68.2           | -17.0       | Peak     | Horizontal   |
|      | 7519.5          | 32.3                 | 12.8        | 45.1                   | 74.0           | -28.9       | Peak     | Vertical     |
| *    | 8743.5          | 32.2                 | 13.9        | 46.1                   | 68.2           | -22.1       | Peak     | Vertical     |
|      | 10970.5         | 31.7                 | 18.5        | 50.2                   | 74.0           | -23.8       | Peak     | Vertical     |
| *    | 12985.0         | 30.9                 | 19.8        | 50.7                   | 68.2           | -17.5       | 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       | AC220m Wi-Fi module ID US                                                                                                                                                         | Temperature       | 26°C       |
| Test Engineer | Kevin Ker                                                                                                                                                                         | Relative Humidity | 57 %       |
| Test Site     | AC1                                                                                                                                                                               | Test Date         | 2017/12/15 |
| Test Mode:    | 802.11ac-VHT80 - Ant 0 + 1<br>(Beam-Forming Mode)                                                                                                                                 | 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 (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
|      | 7545.0          | 32.6                 | 12.8        | 45.4                   | 74.0           | -28.6       | Peak     | Horizontal   |
| *    | 9279.0          | 31.7                 | 14.7        | 46.4                   | 68.2           | -21.8       | Peak     | Horizontal   |
|      | 11276.5         | 31.5                 | 18.8        | 50.3                   | 74.0           | -23.7       | Peak     | Horizontal   |
| *    | 13036.0         | 31.4                 | 20.0        | 51.4                   | 68.2           | -16.8       | Peak     | Horizontal   |
|      | 7596.0          | 10.1                 | 36.6        | 46.7                   | 74.0           | -27.3       | Peak     | Vertical     |
| *    | 9661.5          | 10.5                 | 38.1        | 48.6                   | 68.2           | -19.6       | Peak     | Vertical     |
|      | 11217.0         | 10.2                 | 40.0        | 50.2                   | 74.0           | -23.8       | Peak     | Vertical     |
| *    | 13010.5         | 11.5                 | 39.4        | 50.9                   | 68.2           | -17.3       | Peak     | Vertical     |

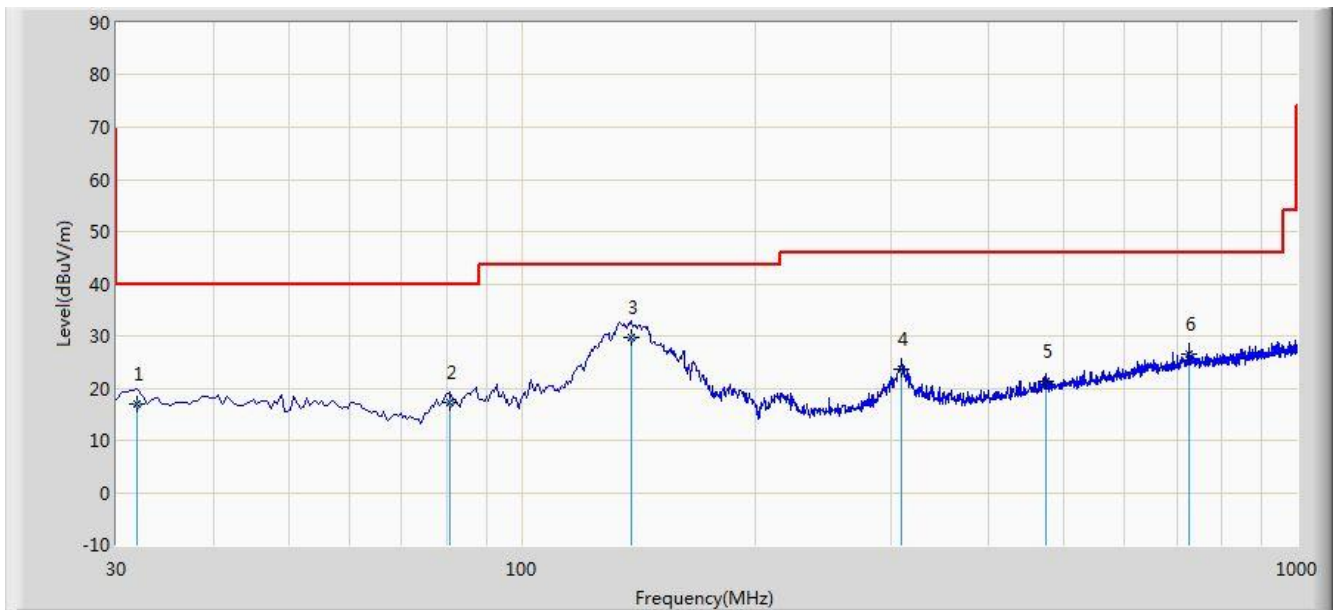
Note 1: "\*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: AC1                                                       | Time: 2017/12/19 - 22:49 |
| Limit: FCC_Part15.209_RE(3m)                                    | Engineer: Kevin Ker      |
| Probe: VULB9162_0.03GHz_8GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                  | Power: AC 120V/60Hz      |
| <b>Worst Case: Transmit by 802.11a at Channel 5180MHz Ant 0</b> |                          |



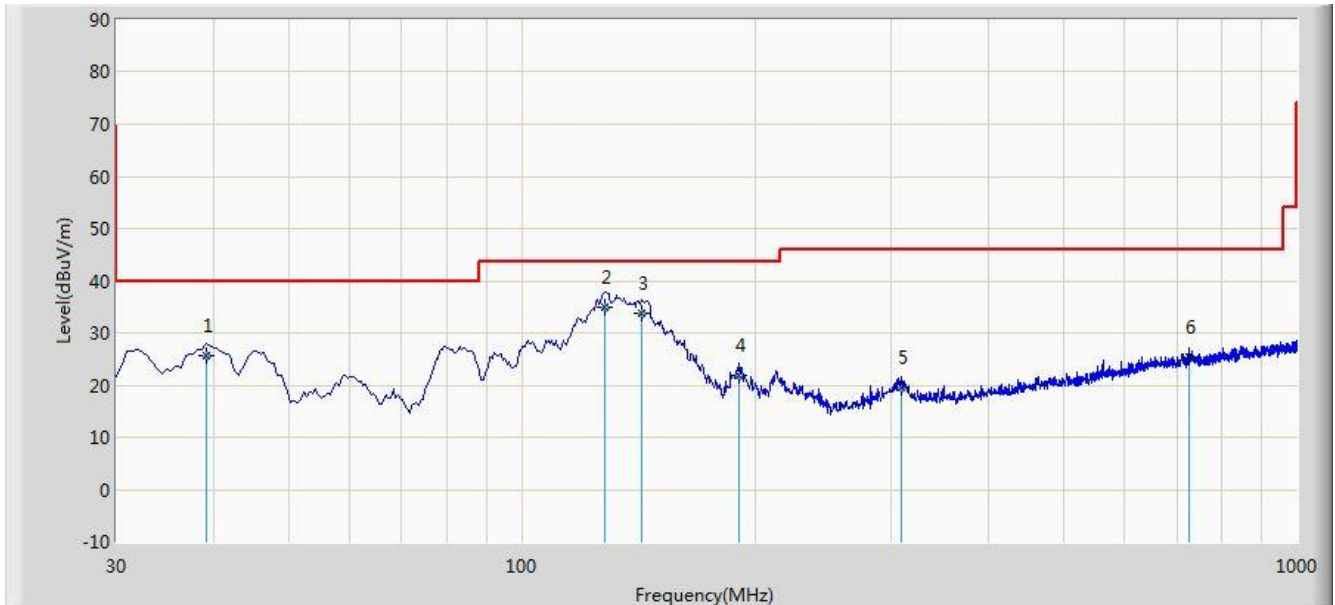
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 31.940          | 17.062                 | 3.250                | -22.938     | 40.000         | 13.812      | QP   |
| 2  |      |      | 80.925          | 17.173                 | 7.020                | -22.827     | 40.000         | 10.153      | QP   |
| 3  |      | *    | 138.640         | 29.629                 | 15.140               | -13.871     | 43.500         | 14.488      | QP   |
| 4  |      |      | 309.360         | 23.700                 | 9.050                | -22.300     | 46.000         | 14.650      | QP   |
| 5  |      |      | 474.745         | 21.230                 | 3.020                | -24.770     | 46.000         | 18.210      | QP   |
| 6  |      |      | 725.005         | 26.613                 | 4.150                | -19.387     | 46.000         | 22.464      | 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 ~ 40GHz), therefore no data appear in the report.

|                                                                 |                          |
|-----------------------------------------------------------------|--------------------------|
| Site: AC1                                                       | Time: 2017/12/19 - 22:51 |
| Limit: FCC_Part15.209_RE(3m)                                    | Engineer: Kevin Ker      |
| Probe: VULB9162_0.03GHz_8GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                  | Power: AC 120V/60Hz      |
| <b>Worst Case: Transmit by 802.11a at Channel 5180MHz Ant 0</b> |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 39.215          | 25.566                 | 11.020               | -14.434     | 40.000         | 14.546      | QP   |
| 2  |      | *    | 127.970         | 34.854                 | 21.140               | -8.646      | 43.500         | 13.714      | QP   |
| 3  |      |      | 142.520         | 33.786                 | 19.020               | -9.714      | 43.500         | 14.766      | QP   |
| 4  |      |      | 190.535         | 21.842                 | 10.140               | -21.658     | 43.500         | 11.702      | QP   |
| 5  |      |      | 308.390         | 19.644                 | 5.020                | -26.356     | 46.000         | 14.625      | QP   |
| 6  |      |      | 725.005         | 25.483                 | 3.020                | -20.517     | 46.000         | 22.464      | 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 ~ 40GHz), therefore no data appear in the report.

## 7.9. Radiated Restricted Band Edge Measurement

### 7.9.1. Test Limit

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                | --                 | --                 | --                 |

#### **For 15.407(b) requirement:**

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and

average limits of § 15.209 is not required to satisfy the -27 dBm/MHz.

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<br>[MHz]                     | Field Strength<br>[uV/m] | Measured Distance<br>[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                             |

### 7.9.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

### 7.9.3.Test Setting

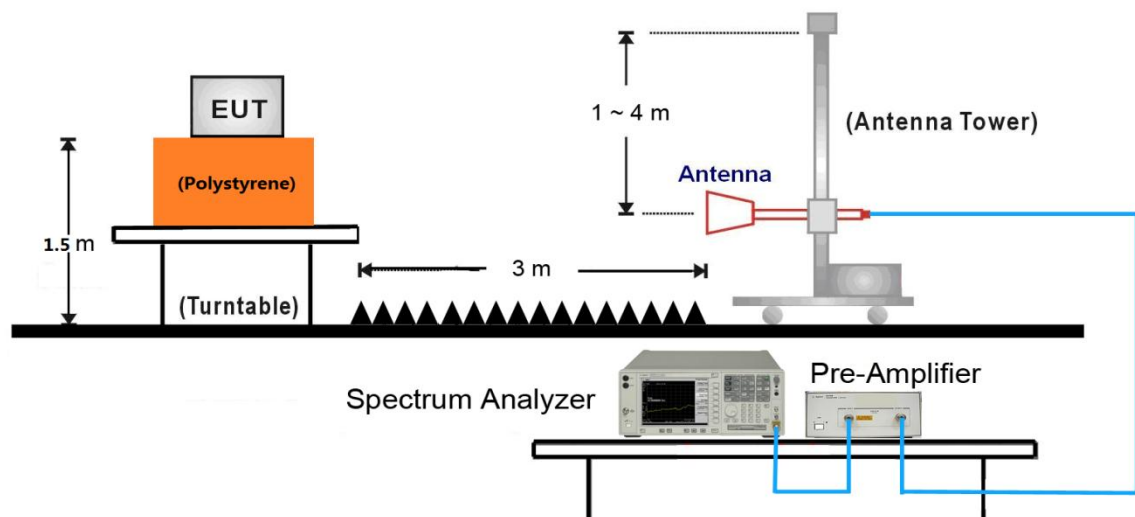
#### Peak Measurements above 1GHz

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)

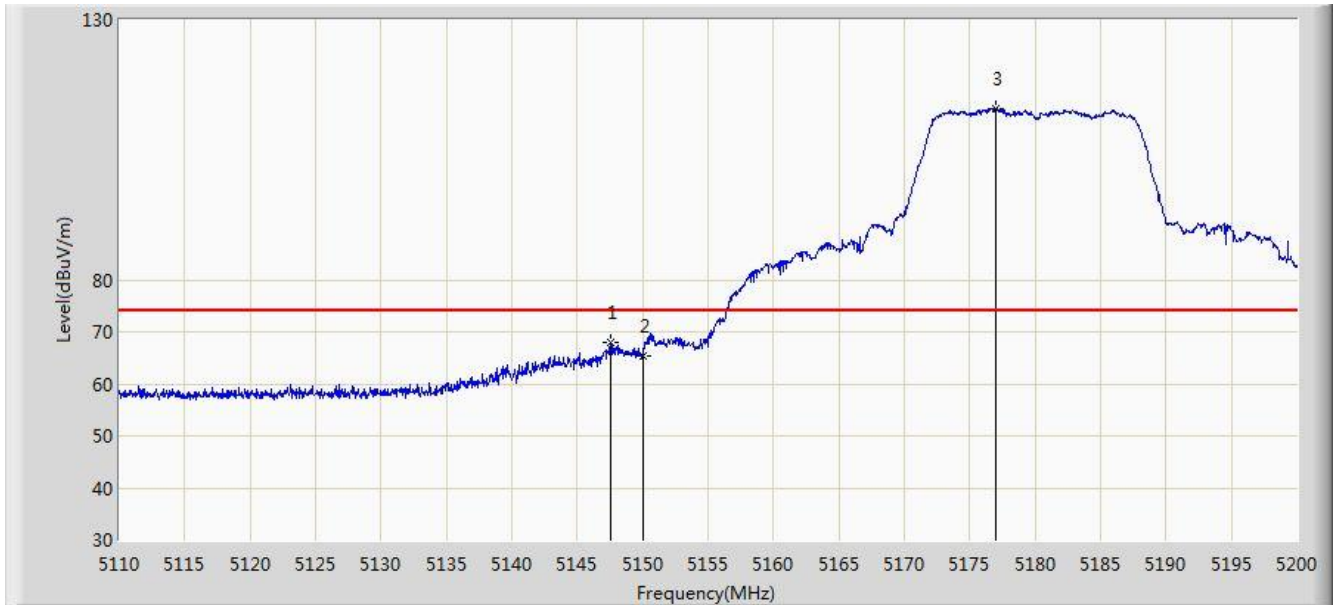
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be  $> 2 \times \text{span}/\text{RBW}$ )
6. Sweep time = auto
7. Trace was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

### 7.9.4. Test Setup



### 7.9.5.Test Result

|                                                         |                          |
|---------------------------------------------------------|--------------------------|
| Site: AC1                                               | Time: 2017/12/09 - 15:15 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 |                          |



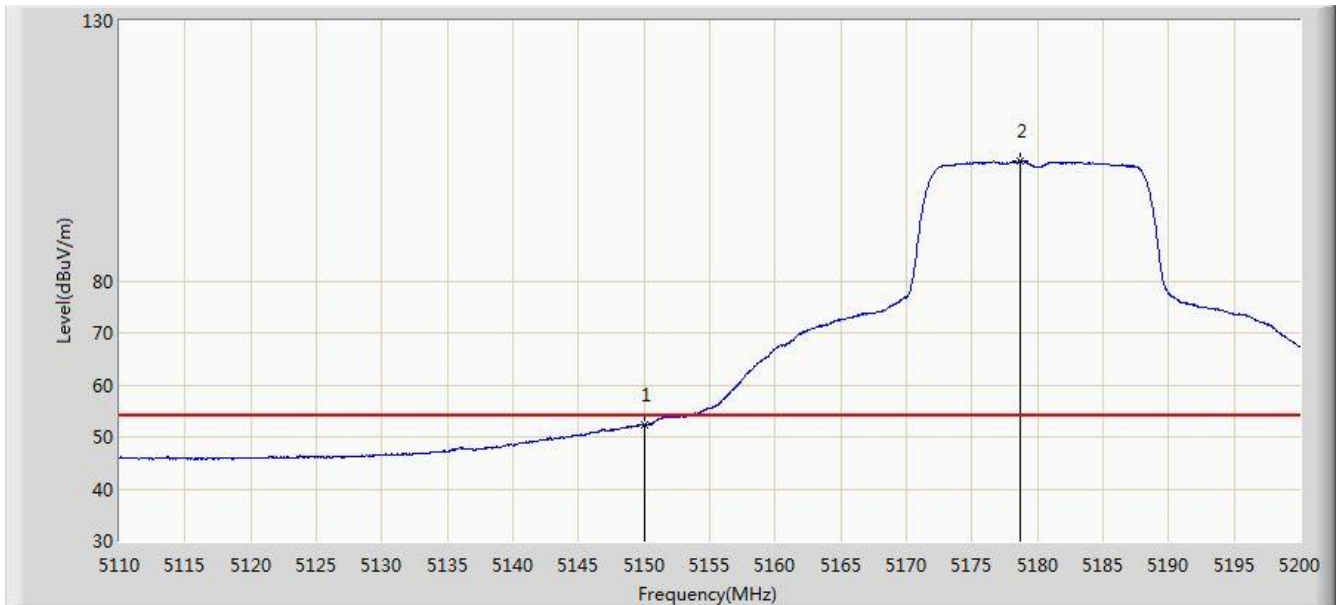
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.575        | 67.990                 | 63.814               | -6.010      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 65.480                 | 61.311               | -8.520      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5176.960        | 113.018                | 108.938              | N/A         | N/A            | 4.080       | 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: AC1                                               | Time: 2017/12/09 - 15:14 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 |                          |

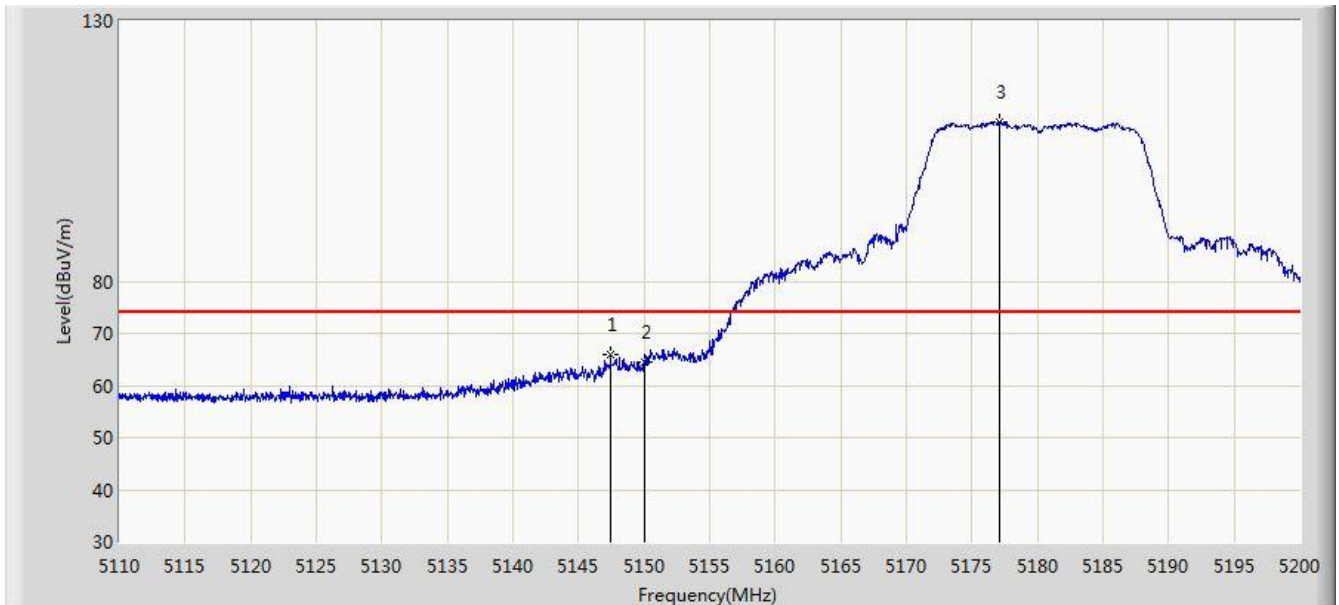


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.392                 | 48.223               | -1.608      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5178.670        | 103.000                | 98.926               | N/A         | N/A            | 4.073       | 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: AC1                                               | Time: 2017/12/09 - 15:17 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 |                          |

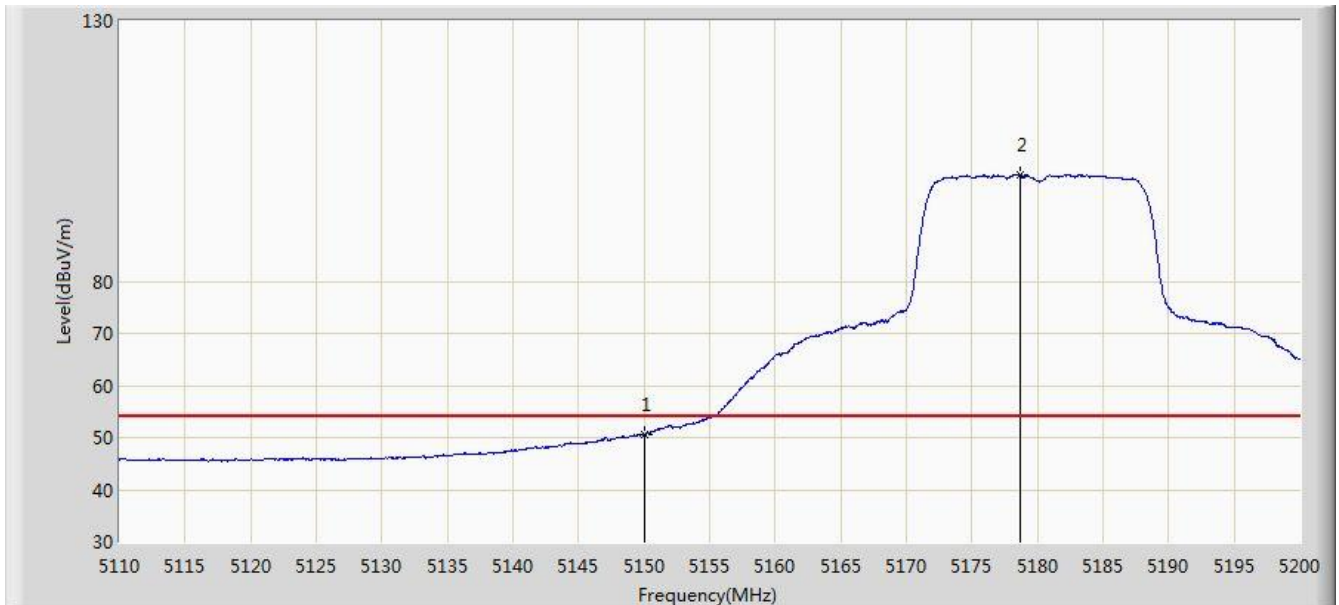


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.440        | 66.014                 | 61.838               | -7.986      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 64.549                 | 60.380               | -9.451      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5177.050        | 110.598                | 106.519              | N/A         | N/A            | 4.080       | 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: AC1                                               | Time: 2017/12/09 - 15:19 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 |                          |

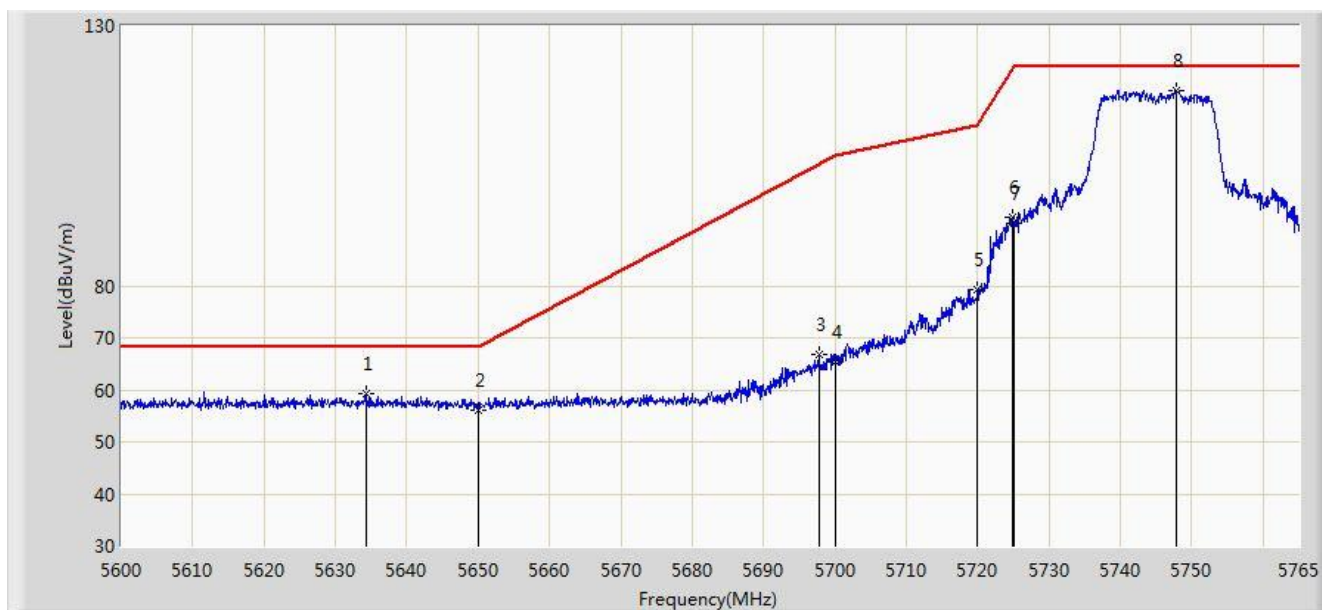


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 50.536                 | 46.367               | -3.464      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5178.670        | 100.504                | 96.430               | N/A         | N/A            | 4.073       | 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: AC1                                               | Time: 2017/12/09 - 15:53 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 |                          |

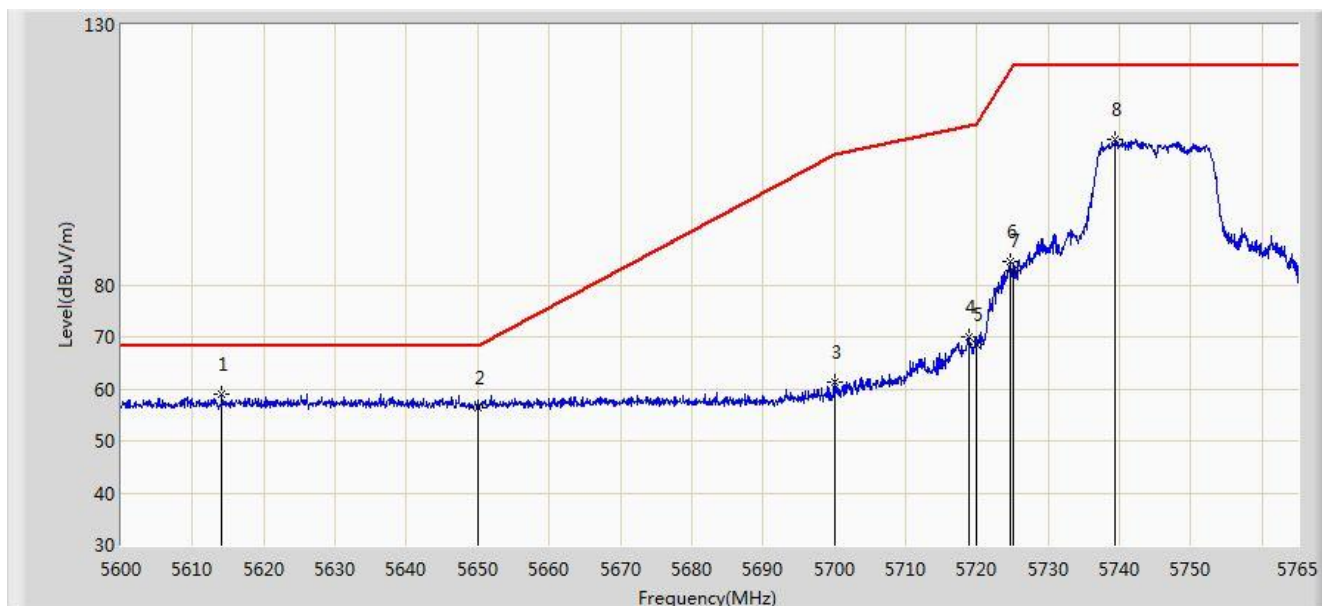


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5634.402        | 59.242                 | 54.620               | -8.958      | 68.200         | 4.621       | PK   |
| 2  |      |      | 5650.000        | 56.135                 | 51.464               | -12.065     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5697.763        | 66.862                 | 61.996               | -36.689     | 103.552        | 4.866       | PK   |
| 4  |      |      | 5700.000        | 65.453                 | 60.575               | -39.747     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5720.000        | 79.317                 | 74.320               | -31.483     | 110.800        | 4.997       | PK   |
| 6  |      |      | 5724.905        | 93.266                 | 88.238               | -28.717     | 121.983        | 5.029       | PK   |
| 7  |      |      | 5725.000        | 92.097                 | 87.068               | -30.103     | 122.200        | 5.029       | PK   |
| 8  |      |      | 5747.757        | 117.651                | 112.480              | N/A         | N/A            | 5.170       | 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: AC1                                               | Time: 2017/12/09 - 15:55 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 |                          |

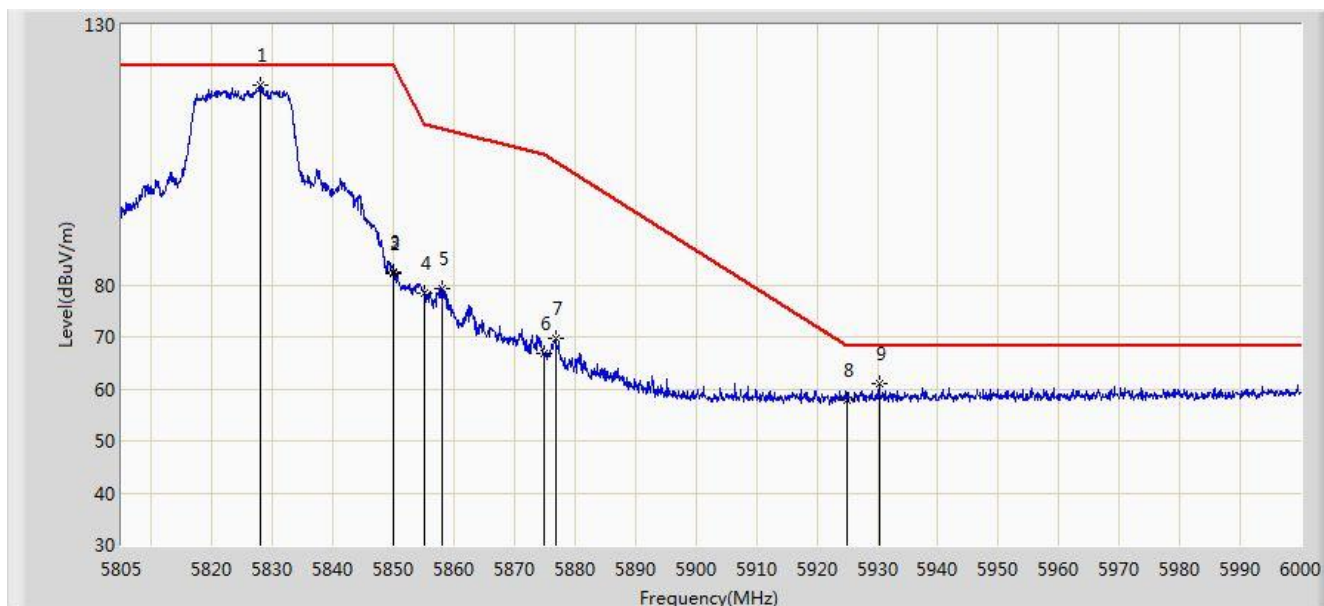


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5614.107        | 59.049                 | 54.486               | -9.151      | 68.200         | 4.563       | PK   |
| 2  |      |      | 5650.000        | 56.431                 | 51.760               | -11.769     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 61.231                 | 56.353               | -43.969     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5718.882        | 69.983                 | 64.993               | -40.505     | 110.487        | 4.990       | PK   |
| 5  |      |      | 5720.000        | 68.601                 | 63.604               | -42.199     | 110.800        | 4.997       | PK   |
| 6  |      |      | 5724.658        | 84.377                 | 79.350               | -37.044     | 121.421        | 5.027       | PK   |
| 7  |      |      | 5725.000        | 82.644                 | 77.615               | -39.556     | 122.200        | 5.029       | PK   |
| 8  |      |      | 5739.425        | 108.020                | 102.899              | N/A         | N/A            | 5.122       | 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: AC1                                               | Time: 2017/12/09 - 15:56 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 |                          |

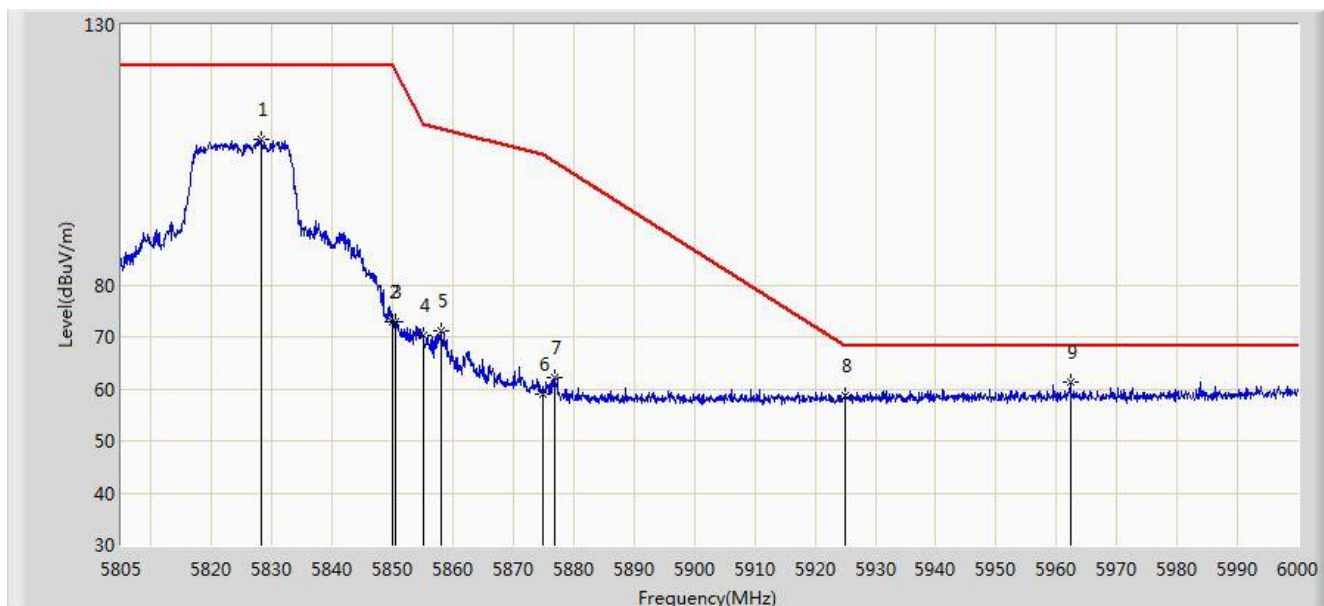


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5827.913        | 118.395                | 112.790              | N/A         | N/A            | 5.606       | PK   |
| 2  |      |      | 5850.000        | 82.045                 | 76.319               | -40.155     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5850.045        | 82.495                 | 76.769               | -39.603     | 122.097        | 5.726       | PK   |
| 4  |      |      | 5855.000        | 78.357                 | 72.611               | -32.443     | 110.800        | 5.746       | PK   |
| 5  |      |      | 5858.040        | 79.280                 | 73.521               | -30.668     | 109.948        | 5.759       | PK   |
| 6  |      |      | 5875.000        | 66.909                 | 61.089               | -38.291     | 105.200        | 5.820       | PK   |
| 7  |      |      | 5876.760        | 69.595                 | 63.769               | -34.297     | 103.892        | 5.826       | PK   |
| 8  |      |      | 5925.000        | 57.788                 | 51.822               | -10.412     | 68.200         | 5.967       | PK   |
| 9  |      |      | 5930.288        | 60.894                 | 54.914               | -7.306      | 68.200         | 5.979       | 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: AC1                                               | Time: 2017/12/09 - 15:58 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 |                          |



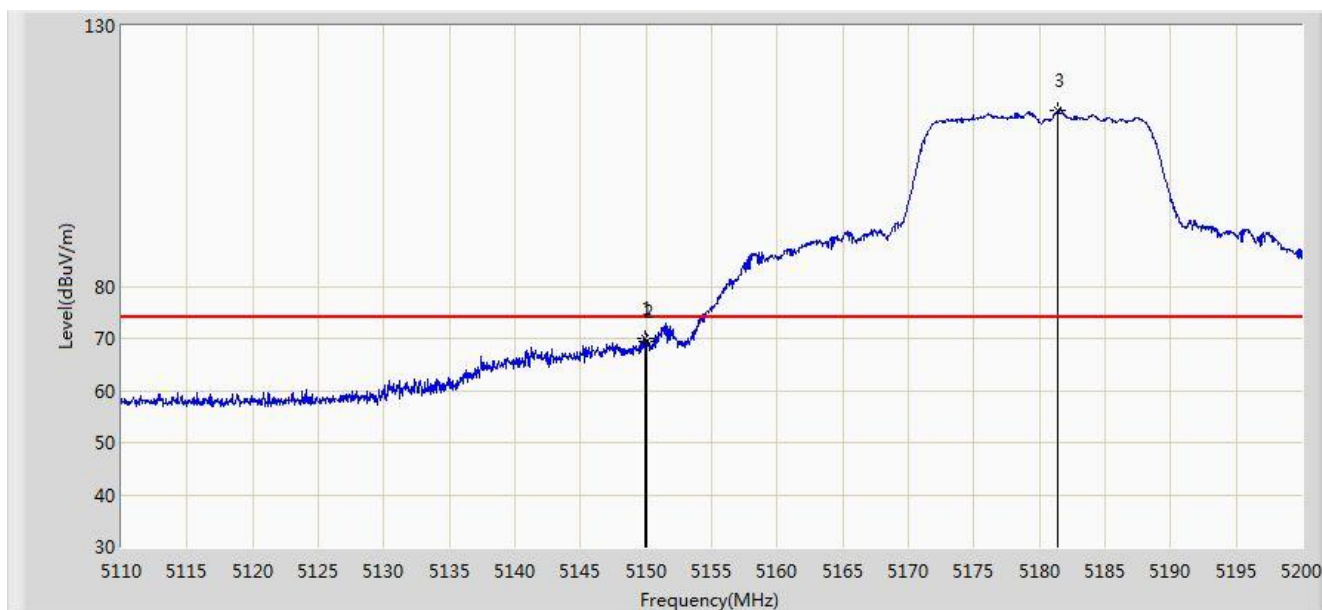
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5828.205        | 107.838                | 102.231              | N/A         | N/A            | 5.607       | PK   |
| 2  |      |      | 5850.000        | 72.764                 | 67.038               | -49.436     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5850.435        | 72.944                 | 67.217               | -48.263     | 121.208        | 5.727       | PK   |
| 4  |      |      | 5855.000        | 70.239                 | 64.493               | -40.561     | 110.800        | 5.746       | PK   |
| 5  |      |      | 5857.942        | 71.058                 | 65.300               | -38.917     | 109.975        | 5.759       | PK   |
| 6  |      |      | 5875.000        | 59.014                 | 53.194               | -46.186     | 105.200        | 5.820       | PK   |
| 7  |      |      | 5876.760        | 62.212                 | 56.386               | -41.680     | 103.892        | 5.826       | PK   |
| 8  |      |      | 5925.000        | 58.684                 | 52.718               | -9.516      | 68.200         | 5.967       | PK   |
| 9  |      | *    | 5962.268        | 61.410                 | 55.362               | -6.790      | 68.200         | 6.049       | 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: AC1                                                    | Time: 2017/12/09 - 16:08 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 |                          |



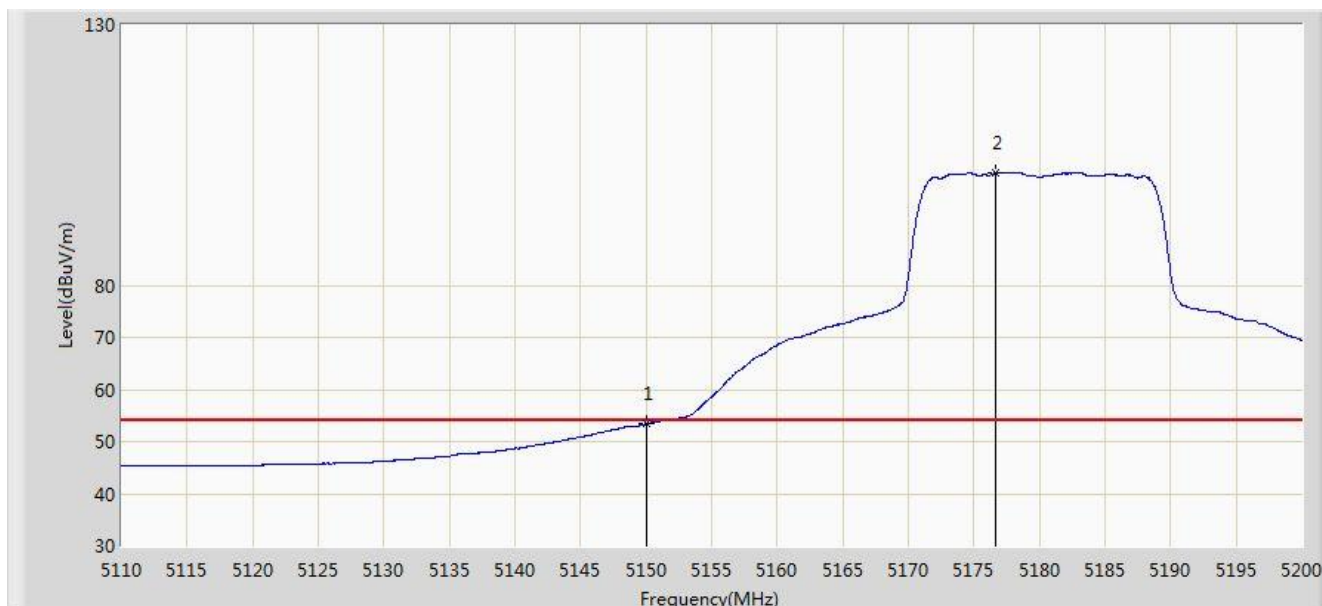
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5149.915        | 69.966                 | 65.796               | -4.034      | 74.000         | 4.170       | PK   |
| 2  |      |      | 5150.000        | 69.498                 | 65.329               | -4.502      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5181.415        | 113.713                | 109.649              | N/A         | N/A            | 4.064       | 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: AC1                                                    | Time: 2017/12/09 - 16:05 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 |                          |

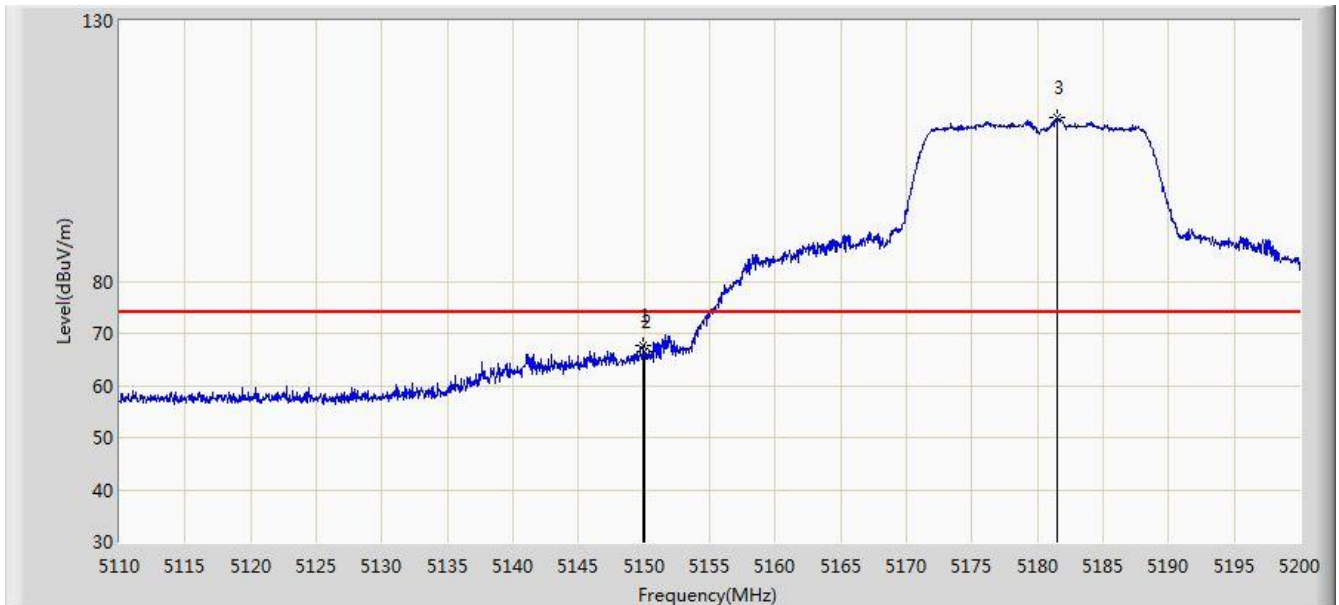


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.400                 | 49.231               | -0.600      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5176.690        | 101.617                | 97.536               | N/A         | N/A            | 4.080       | 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: AC1                                                    | Time: 2017/12/09 - 16:09 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 |                          |

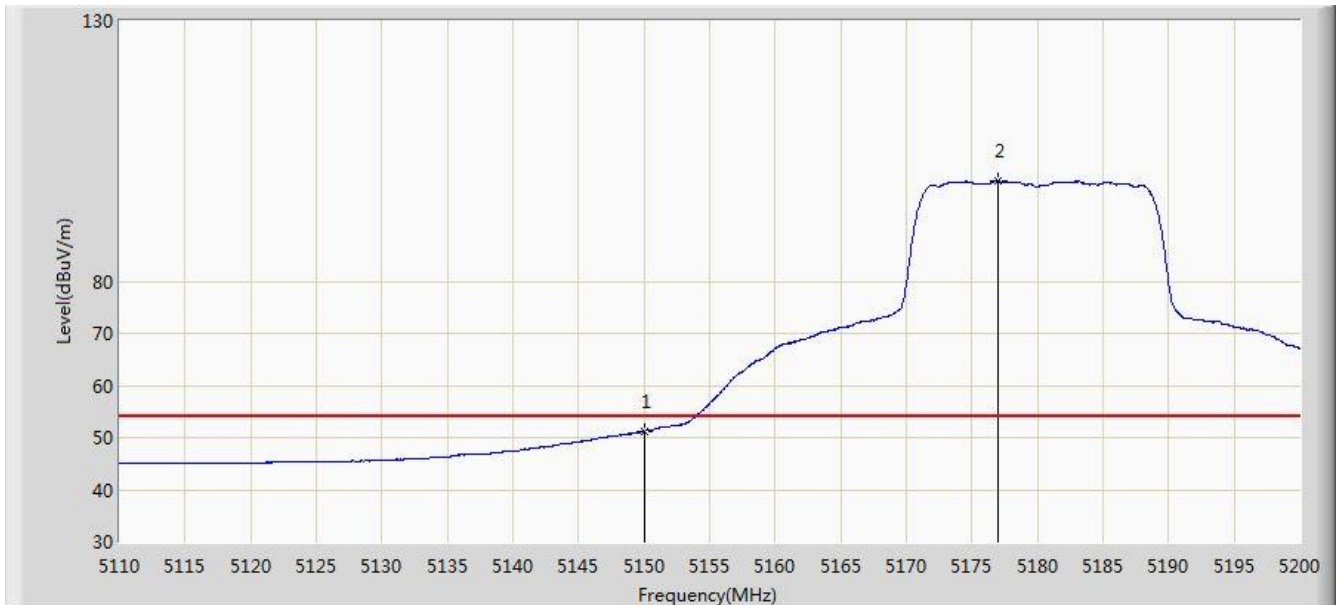


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5149.915        | 67.675                 | 63.505               | -6.325      | 74.000         | 4.170       | PK   |
| 2  |      |      | 5150.000        | 66.448                 | 62.279               | -7.552      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5181.550        | 111.412                | 107.349              | N/A         | N/A            | 4.064       | 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: AC1                                                    | Time: 2017/12/09 - 16:11 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 |                          |

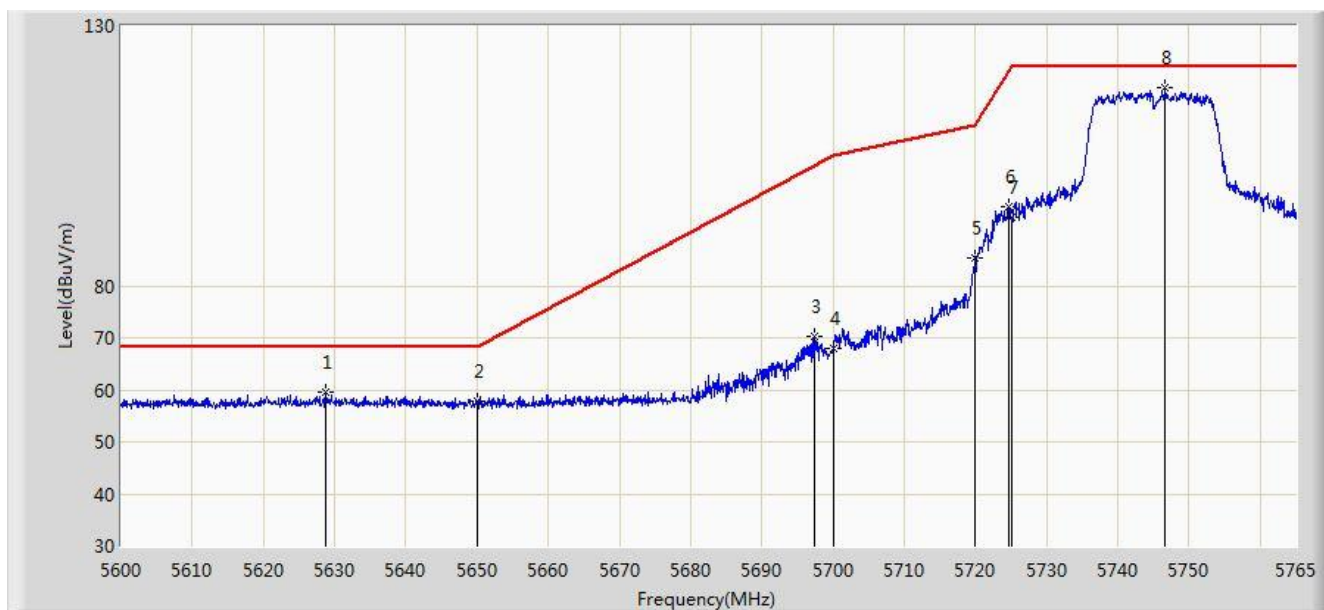


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 51.272                 | 47.103               | -2.728      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5177.005        | 99.239                 | 95.160               | N/A         | N/A            | 4.080       | 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: AC1                                                    | Time: 2017/12/09 - 16:48 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: FMZB1519B_0.009_MHz_30MHz_TW                          | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 |                          |

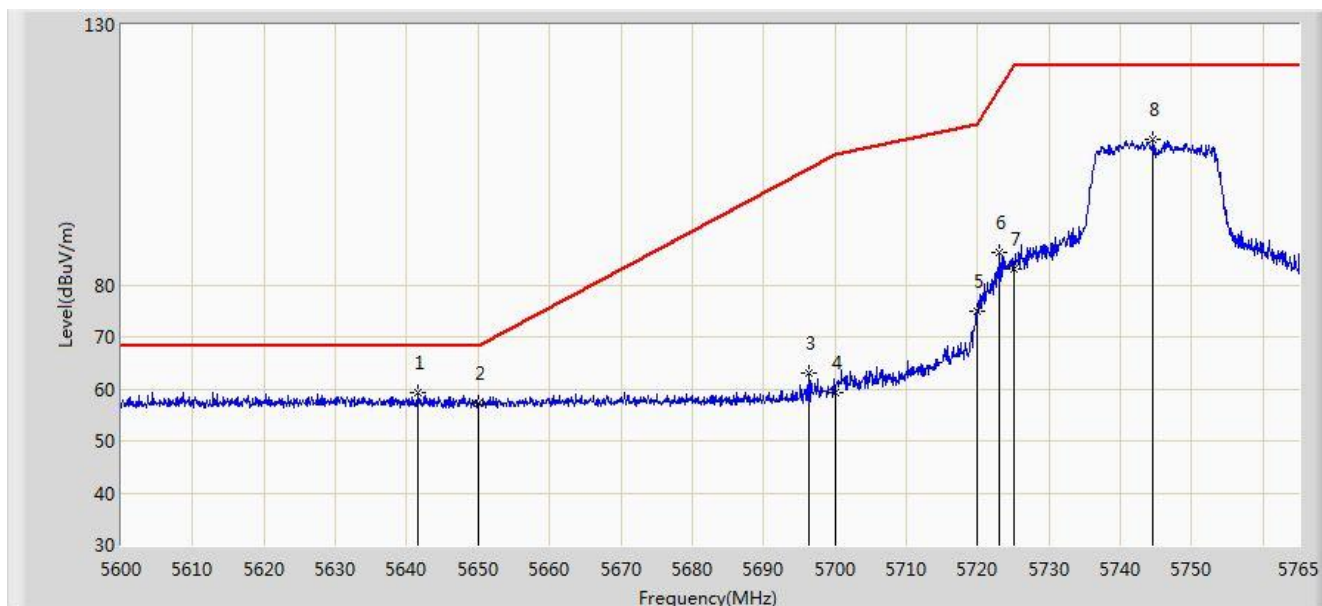


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5628.792        | 59.692                 | 67.055               | -8.508      | 68.200         | -7.363      | PK   |
| 2  |      |      | 5650.000        | 57.878                 | 65.200               | -10.322     | 68.200         | -7.322      | PK   |
| 3  |      |      | 5697.350        | 70.254                 | 77.462               | -32.993     | 103.247        | -7.207      | PK   |
| 4  |      |      | 5700.000        | 67.980                 | 75.181               | -37.220     | 105.200        | -7.201      | PK   |
| 5  |      |      | 5720.000        | 85.431                 | 92.580               | -25.369     | 110.800        | -7.149      | PK   |
| 6  |      |      | 5724.658        | 95.284                 | 102.421              | -26.137     | 121.421        | -7.137      | PK   |
| 7  |      |      | 5725.000        | 93.249                 | 100.385              | -28.951     | 122.200        | -7.136      | PK   |
| 8  |      |      | 5746.685        | 118.012                | 125.092              | N/A         | N/A            | -7.080      | 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: AC1                                                    | Time: 2017/12/09 - 16:50 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 |                          |

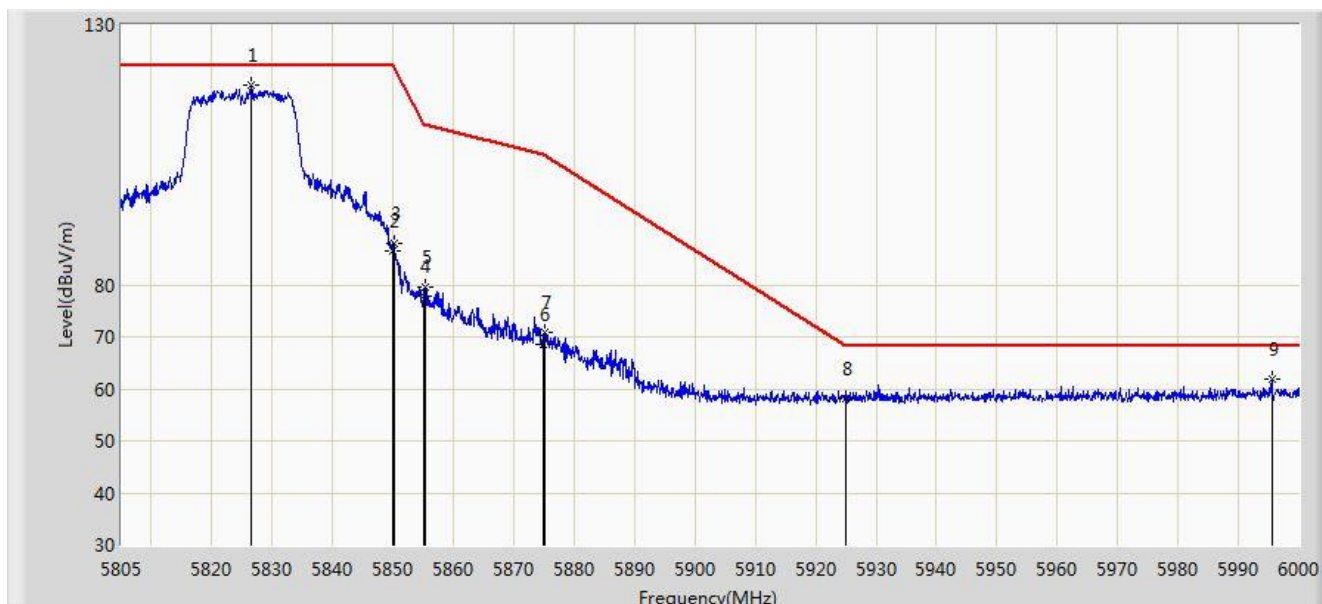


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5641.663        | 59.176                 | 54.533               | -9.024      | 68.200         | 4.643       | PK   |
| 2  |      |      | 5650.000        | 57.131                 | 52.460               | -11.069     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5696.277        | 63.132                 | 58.274               | -39.324     | 102.456        | 4.859       | PK   |
| 4  |      |      | 5700.000        | 59.263                 | 54.385               | -45.937     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5720.000        | 74.833                 | 69.836               | -35.967     | 110.800        | 4.997       | PK   |
| 6  |      |      | 5723.090        | 86.238                 | 81.221               | -31.609     | 117.846        | 5.017       | PK   |
| 7  |      |      | 5725.000        | 82.956                 | 77.927               | -39.244     | 122.200        | 5.029       | PK   |
| 8  |      |      | 5744.540        | 107.911                | 102.759              | N/A         | N/A            | 5.152       | 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: AC1                                                    | Time: 2017/12/09 - 16:52 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 |                          |

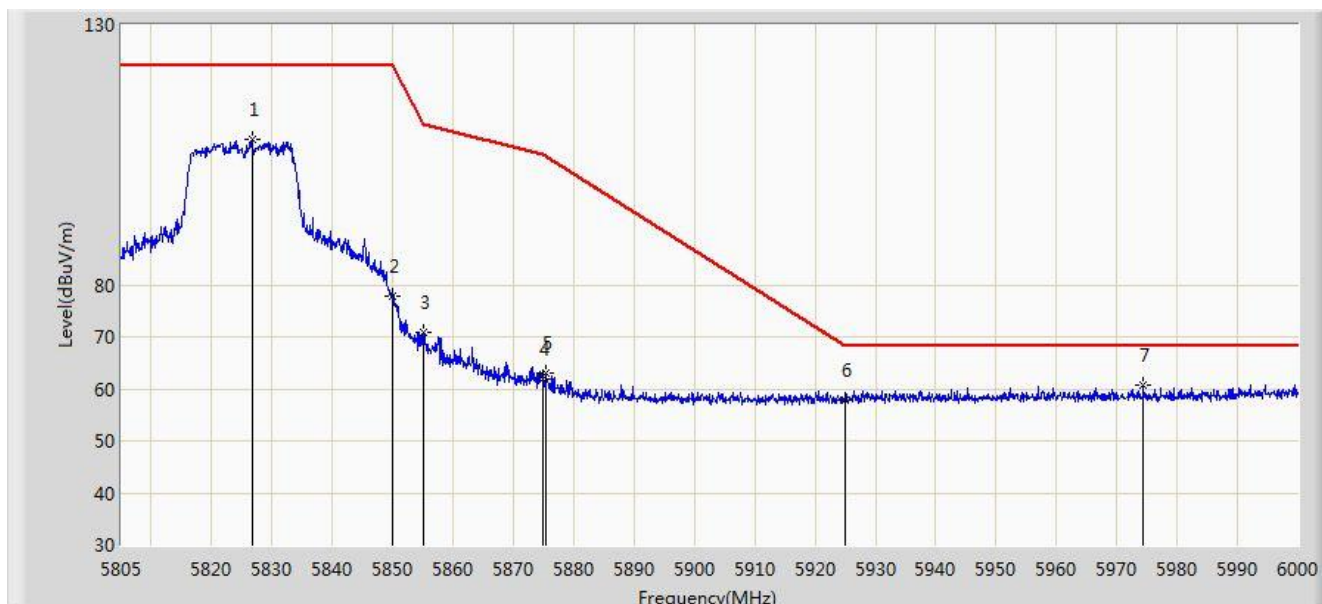


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 5826.547        | 118.533                | 112.936              | N/A         | N/A            | 5.596       | PK   |
| 2  |      |      | 5850.000        | 86.654                 | 80.928               | -35.546     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5850.143        | 87.851                 | 82.125               | -34.023     | 121.874        | 5.726       | PK   |
| 4  |      |      | 5855.000        | 77.687                 | 71.941               | -33.113     | 110.800        | 5.746       | PK   |
| 5  |      |      | 5855.408        | 79.588                 | 73.840               | -31.098     | 110.686        | 5.749       | PK   |
| 6  |      |      | 5875.000        | 68.677                 | 62.857               | -36.523     | 105.200        | 5.820       | PK   |
| 7  |      |      | 5875.103        | 70.974                 | 65.154               | -34.149     | 105.123        | 5.820       | PK   |
| 8  |      |      | 5925.000        | 57.997                 | 52.031               | -10.203     | 68.200         | 5.967       | PK   |
| 9  |      |      | 5995.515        | 61.838                 | 55.735               | -6.362      | 68.200         | 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: AC1                                                    | Time: 2017/12/09 - 16:54 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 |                          |



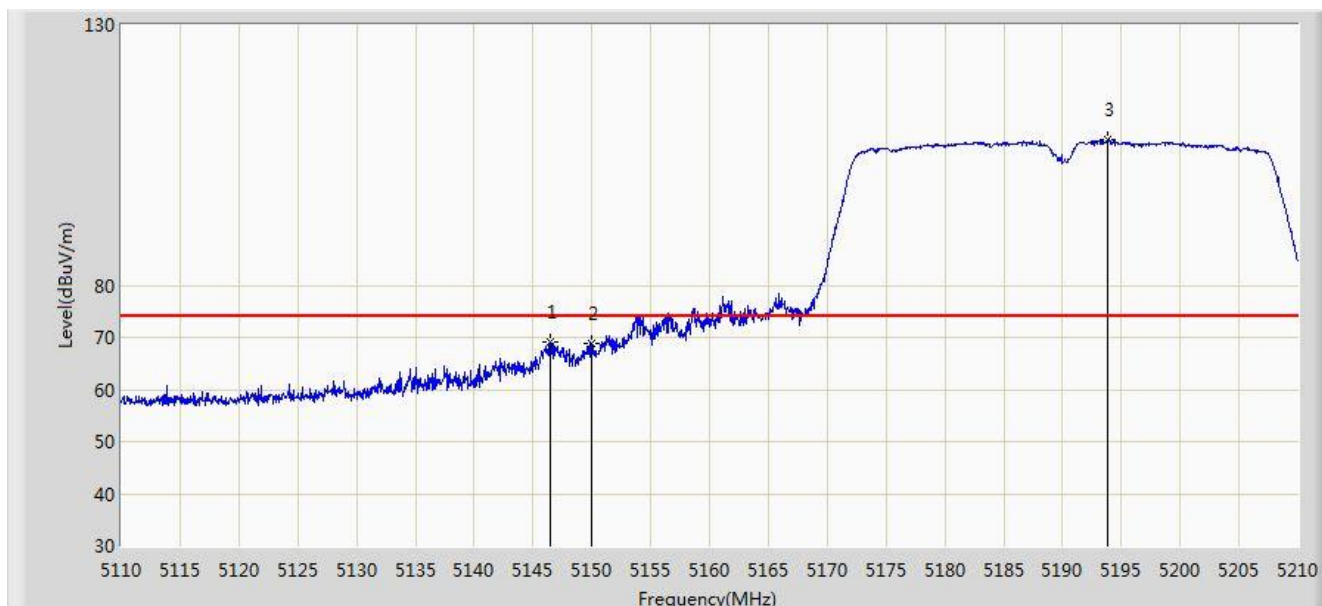
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5826.645        | 107.969                | 102.371              | N/A         | N/A            | 5.598       | PK   |
| 2  |      |      | 5850.000        | 77.837                 | 72.111               | -44.363     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 70.759                 | 65.013               | -40.041     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 61.960                 | 56.140               | -43.240     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5875.493        | 63.094                 | 57.272               | -41.740     | 104.834        | 5.821       | PK   |
| 6  |      |      | 5925.000        | 57.897                 | 51.931               | -10.303     | 68.200         | 5.967       | PK   |
| 7  |      |      | 5974.455        | 60.811                 | 54.743               | -7.389      | 68.200         | 6.068       | 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: AC1                                                    | Time: 2017/12/10 - 11:10 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 |                          |



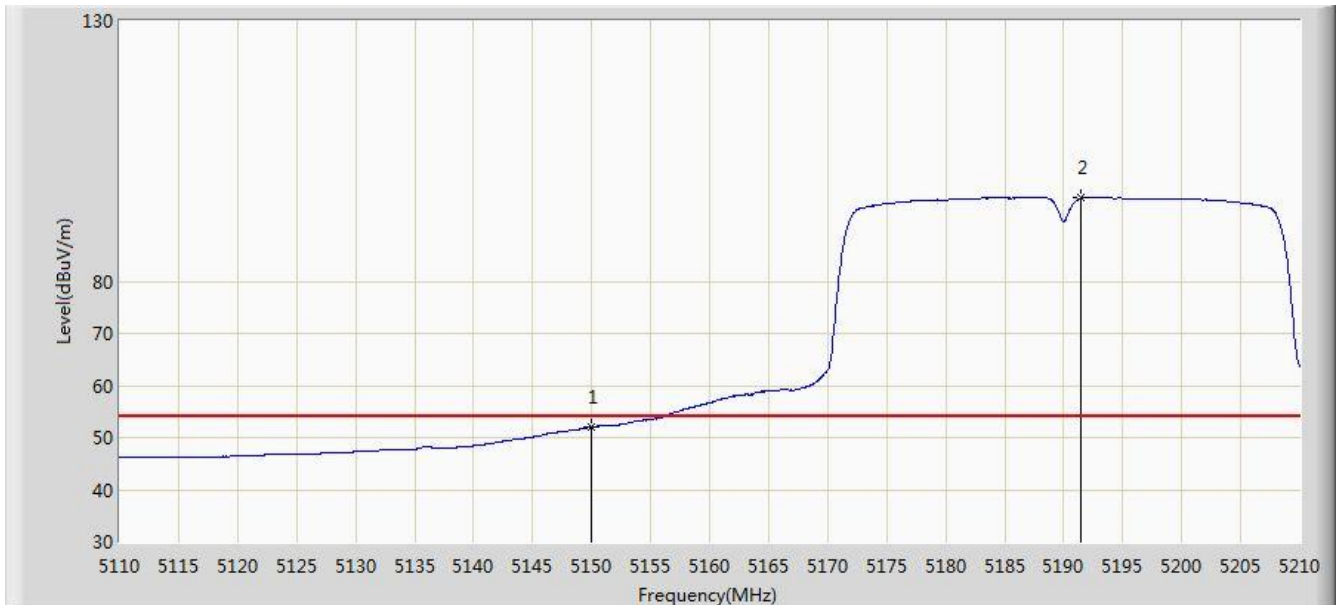
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5146.450        | 69.080                 | 64.904               | -4.920      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 68.844                 | 64.675               | -5.156      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5193.800        | 107.876                | 103.856              | N/A         | N/A            | 4.020       | 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: AC1                                                    | Time: 2017/12/10 - 11:09 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 |                          |

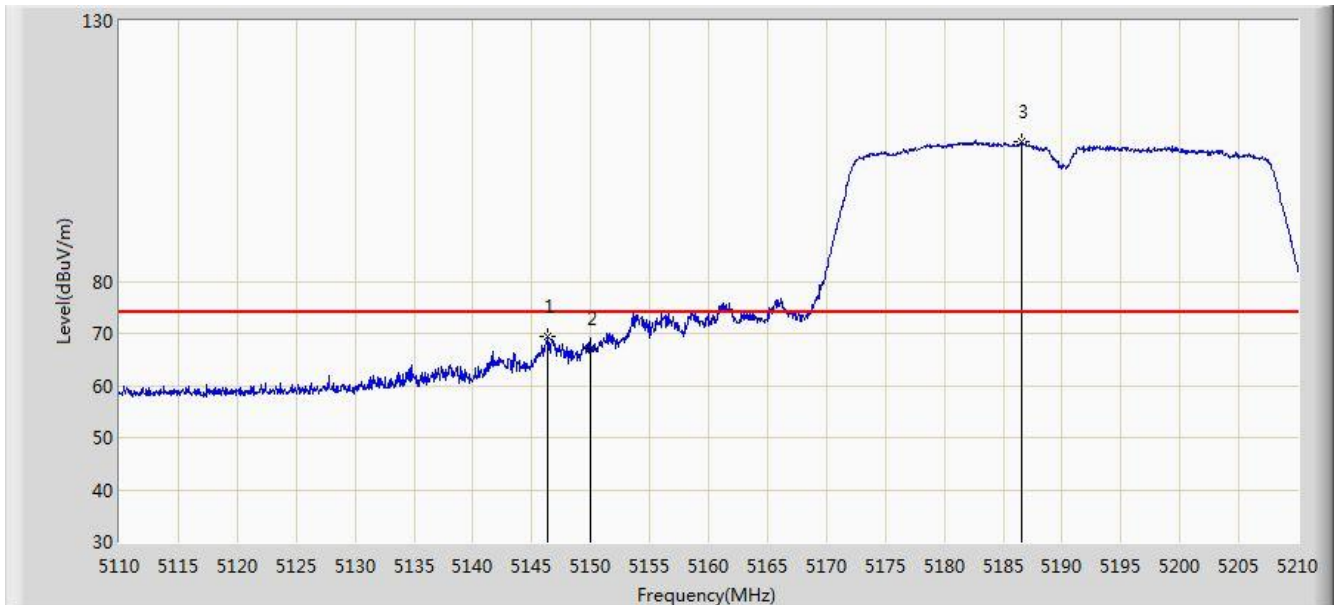


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 51.907                 | 47.738               | -2.093      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5191.500        | 96.010                 | 91.982               | N/A         | N/A            | 4.028       | 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: AC1                                                    | Time: 2017/12/10 - 11:10 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 |                          |

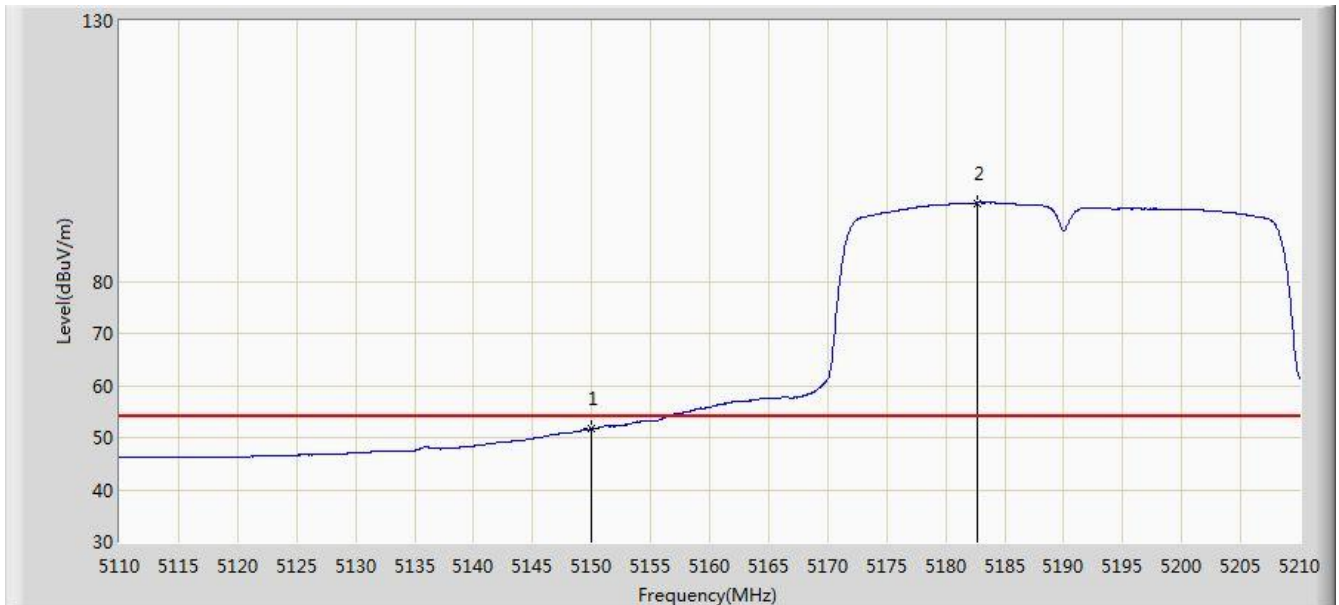


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5146.300        | 69.307                 | 65.131               | -4.693      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 67.016                 | 62.847               | -6.984      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5186.600        | 106.680                | 102.635              | N/A         | N/A            | 4.045       | 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: AC1                                                    | Time: 2017/12/10 - 11:13 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 |                          |

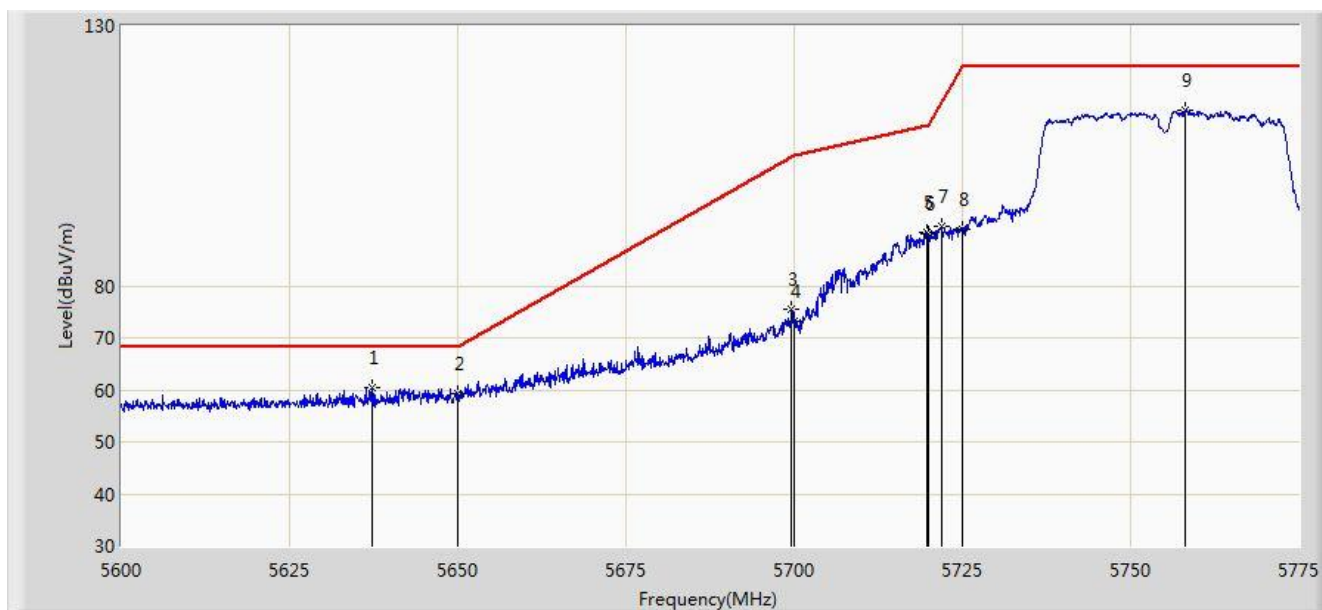


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 51.704                 | 47.535               | -2.296      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5182.650        | 95.067                 | 91.008               | N/A         | N/A            | 4.060       | 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: AC1                                                    | Time: 2017/12/10 - 11:38 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 |                          |

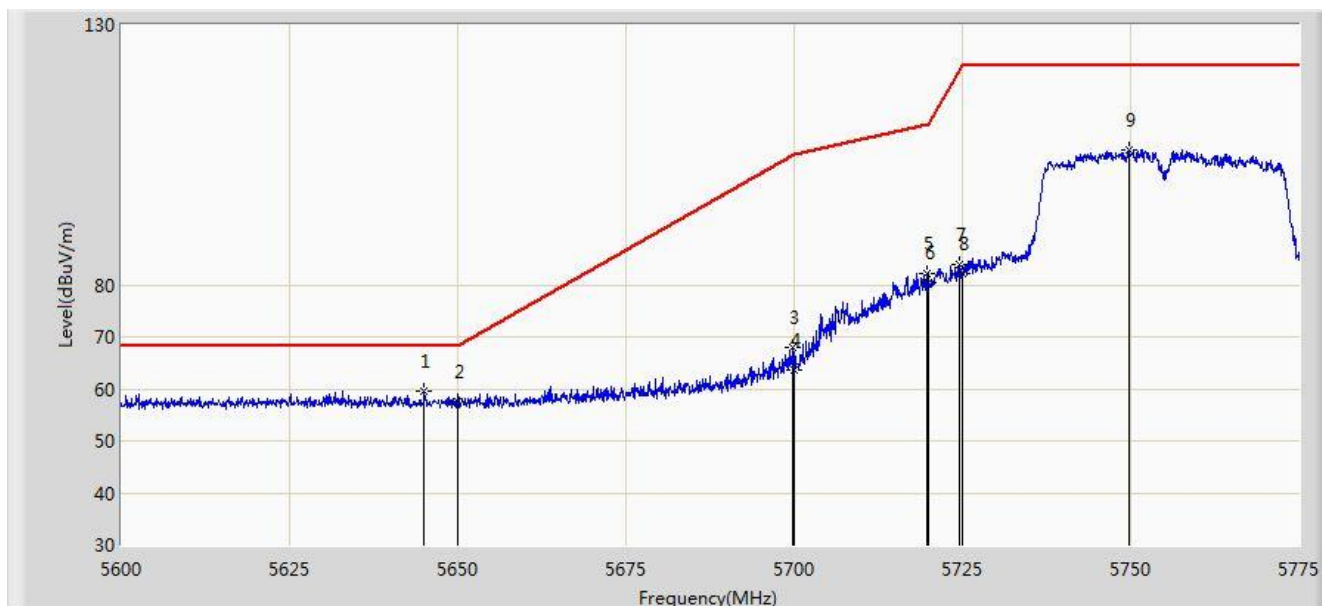


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5637.187        | 60.460                 | 55.830               | -7.740      | 68.200         | 4.630       | PK   |
| 2  |      |      | 5650.000        | 59.246                 | 54.575               | -8.954      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5699.663        | 75.521                 | 70.645               | -29.430     | 104.952        | 4.877       | PK   |
| 4  |      |      | 5700.000        | 73.136                 | 68.258               | -32.064     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5719.788        | 90.237                 | 85.241               | -20.504     | 110.741        | 4.995       | PK   |
| 6  |      |      | 5720.000        | 89.882                 | 84.885               | -20.918     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5721.975        | 91.567                 | 86.557               | -23.738     | 115.304        | 5.010       | PK   |
| 8  |      |      | 5725.000        | 90.966                 | 85.937               | -31.234     | 122.200        | 5.029       | PK   |
| 9  |      |      | 5758.112        | 113.727                | 108.498              | N/A         | N/A            | 5.229       | 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: AC1                                                    | Time: 2017/12/10 - 11:39 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 |                          |

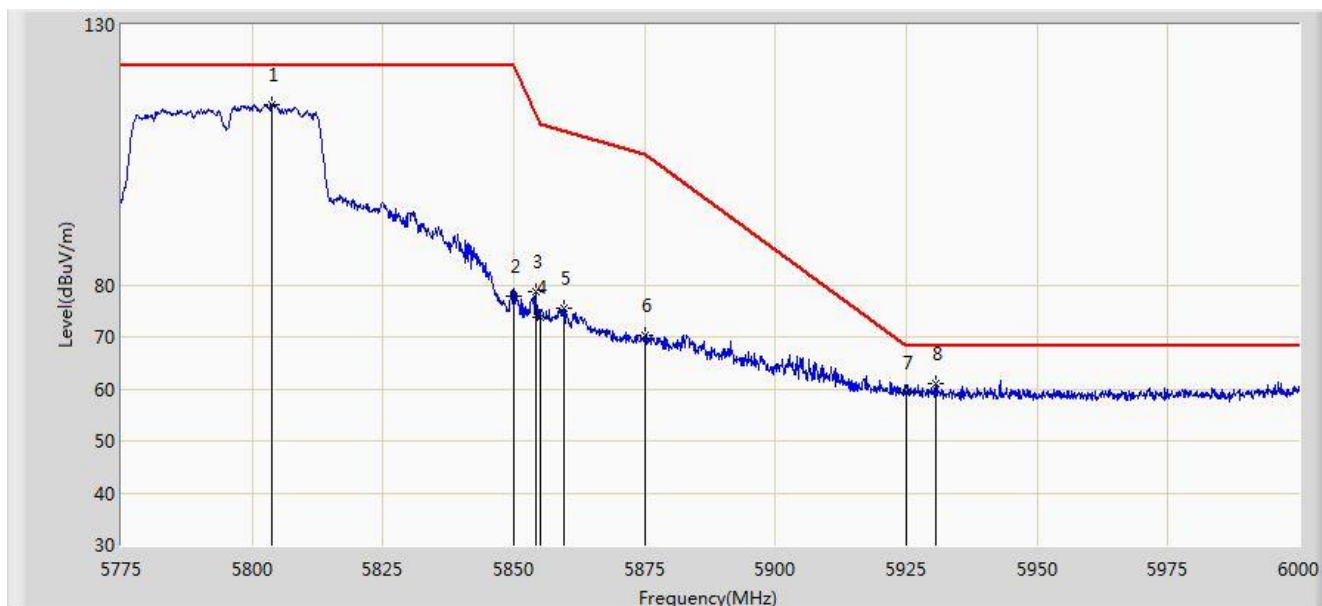


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5644.975        | 59.648                 | 54.994               | -8.552      | 68.200         | 4.654       | PK   |
| 2  |      |      | 5650.000        | 57.670                 | 52.999               | -10.530     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5699.837        | 68.095                 | 63.218               | -36.985     | 105.080        | 4.878       | PK   |
| 4  |      |      | 5700.000        | 63.561                 | 58.683               | -41.639     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5719.700        | 82.276                 | 77.281               | -28.440     | 110.716        | 4.995       | PK   |
| 6  |      |      | 5720.000        | 80.571                 | 75.574               | -30.229     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5724.600        | 83.935                 | 78.909               | -37.353     | 121.288        | 5.026       | PK   |
| 8  |      |      | 5725.000        | 82.136                 | 77.107               | -40.064     | 122.200        | 5.029       | PK   |
| 9  |      |      | 5749.712        | 105.948                | 100.766              | N/A         | N/A            | 5.182       | 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: AC1                                                    | Time: 2017/12/10 - 11:40 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 |                          |

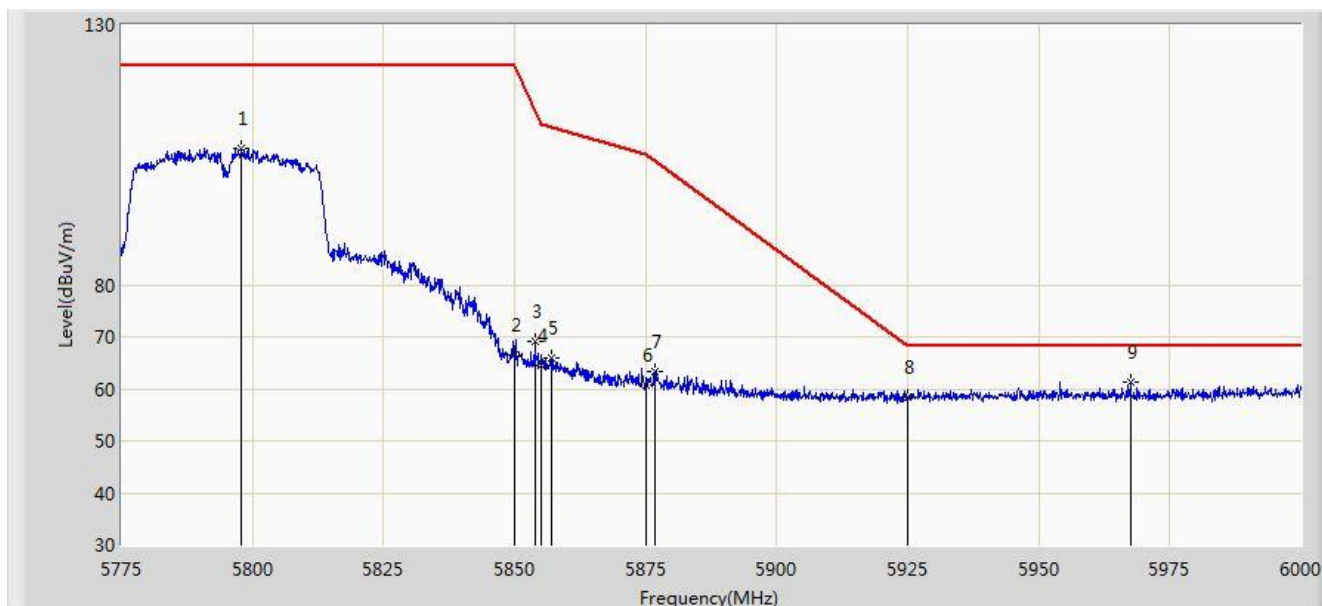


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5803.687        | 114.773                | 109.307              | N/A         | N/A            | 5.465       | PK   |
| 2  |      |      | 5850.000        | 77.832                 | 72.106               | -44.368     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5854.200        | 78.806                 | 73.063               | -33.817     | 112.623        | 5.743       | PK   |
| 4  |      |      | 5855.000        | 73.870                 | 68.124               | -36.930     | 110.800        | 5.746       | PK   |
| 5  |      |      | 5859.712        | 75.414                 | 69.648               | -34.065     | 109.479        | 5.766       | PK   |
| 6  |      |      | 5875.000        | 70.254                 | 64.434               | -34.946     | 105.200        | 5.820       | PK   |
| 7  |      |      | 5925.000        | 59.193                 | 53.227               | -9.007      | 68.200         | 5.967       | PK   |
| 8  |      |      | 5930.587        | 60.910                 | 54.930               | -7.290      | 68.200         | 5.981       | 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: AC1                                                    | Time: 2017/12/10 - 11:42 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 |                          |

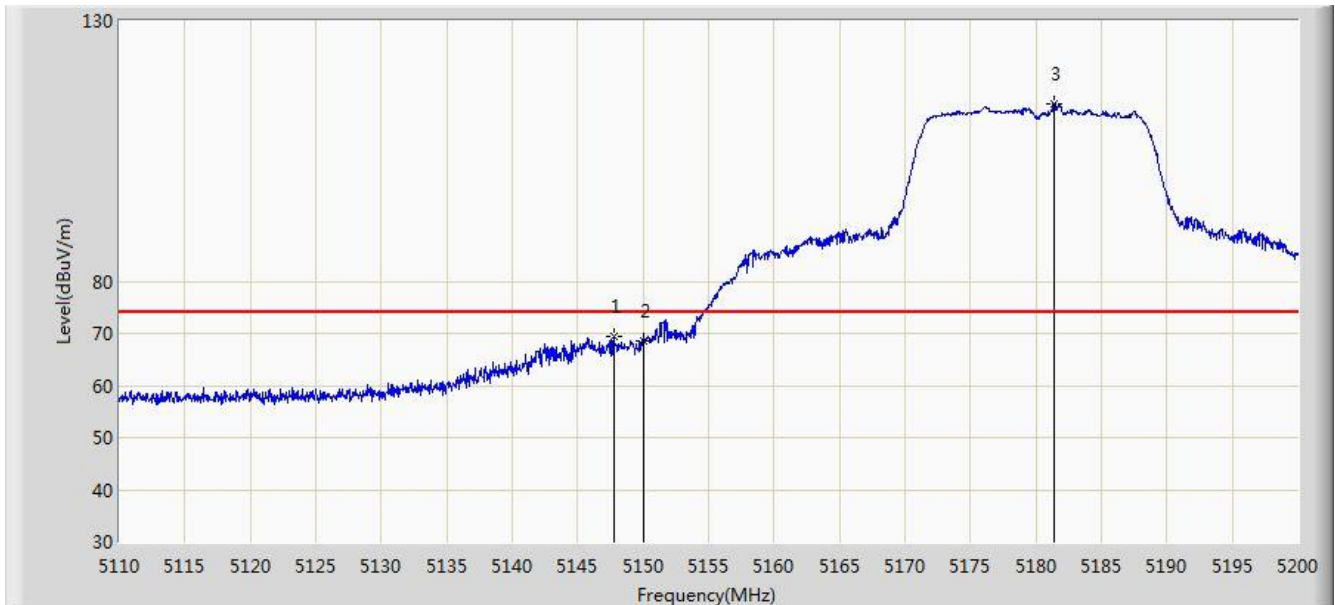


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5797.837        | 106.098                | 100.665              | N/A         | N/A            | 5.433       | PK   |
| 2  |      |      | 5850.000        | 66.630                 | 60.904               | -55.570     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5853.975        | 69.018                 | 63.276               | -44.118     | 113.136        | 5.741       | PK   |
| 4  |      |      | 5855.000        | 64.581                 | 58.835               | -46.219     | 110.800        | 5.746       | PK   |
| 5  |      |      | 5857.125        | 66.033                 | 60.278               | -44.171     | 110.204        | 5.755       | PK   |
| 6  |      |      | 5875.000        | 60.650                 | 54.830               | -44.550     | 105.200        | 5.820       | PK   |
| 7  |      |      | 5876.700        | 63.449                 | 57.623               | -40.488     | 103.937        | 5.826       | PK   |
| 8  |      |      | 5925.000        | 58.395                 | 52.429               | -9.805      | 68.200         | 5.967       | PK   |
| 9  |      |      | 5967.487        | 61.357                 | 55.300               | -6.843      | 68.200         | 6.057       | 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: AC1                                                      | Time: 2017/12/10 - 11:47 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 |                          |



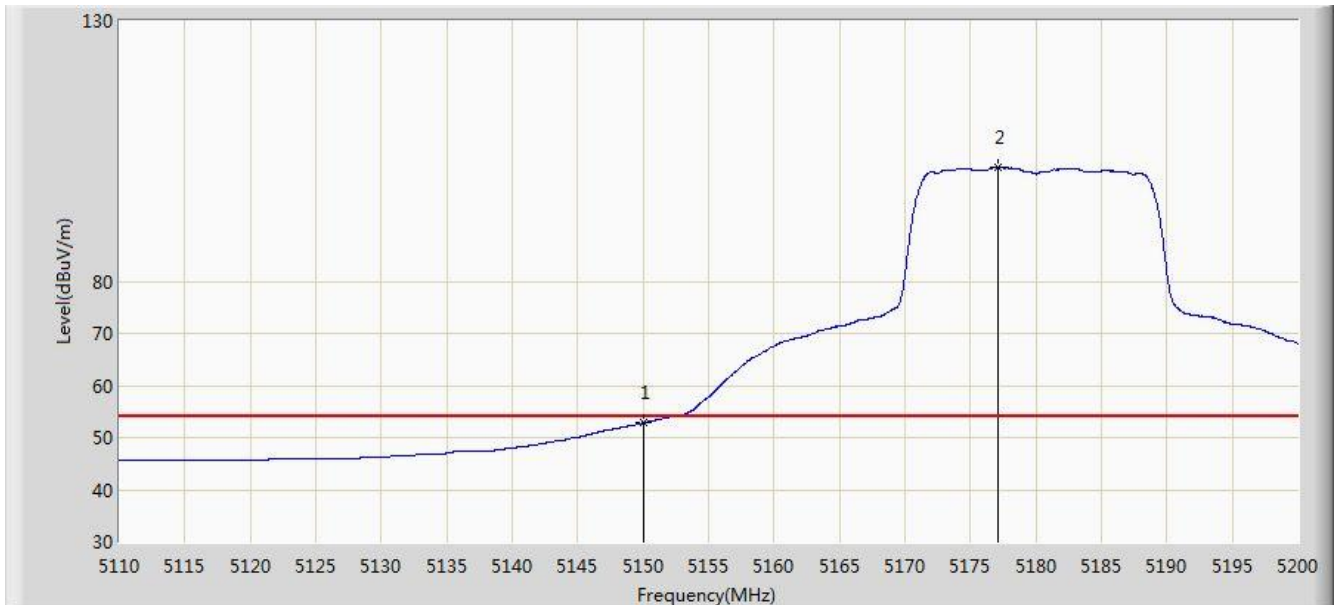
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.755        | 69.458                 | 65.282               | -4.542      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 68.648                 | 64.479               | -5.352      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5181.415        | 114.029                | 109.965              | N/A         | N/A            | 4.064       | 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: AC1                                                      | Time: 2017/12/10 - 11:47 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 |                          |

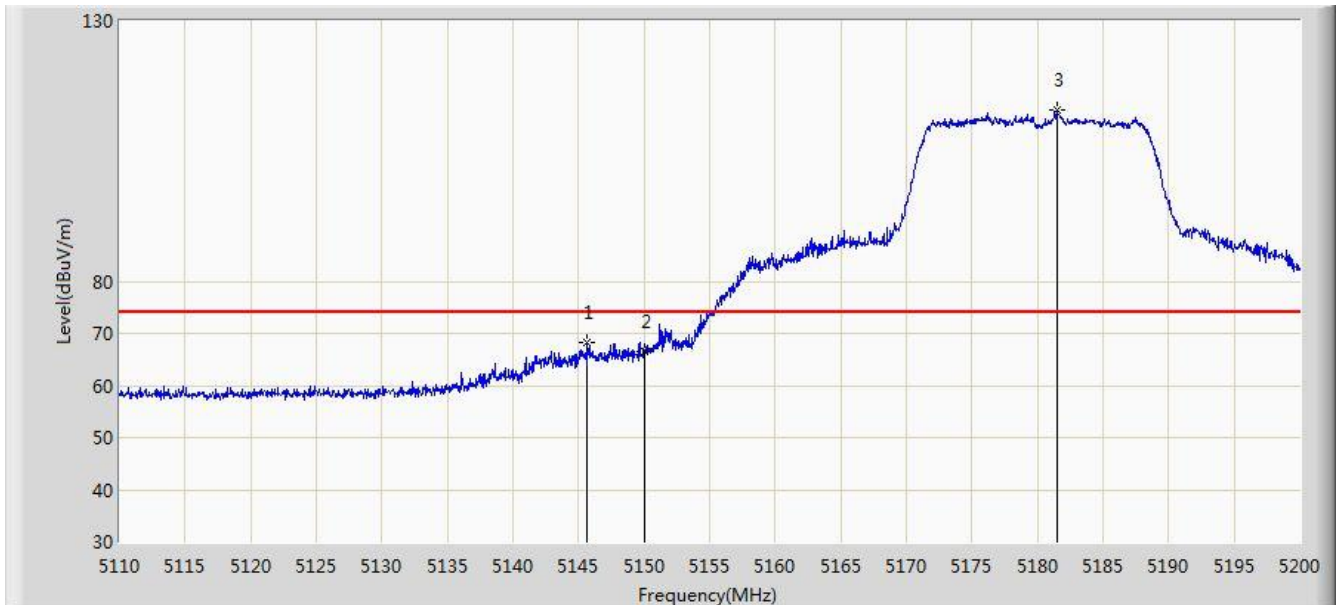


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.837                 | 48.668               | -1.163      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5177.050        | 101.918                | 97.839               | N/A         | N/A            | 4.080       | 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: AC1                                                      | Time: 2017/12/10 - 11:48 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 |                          |

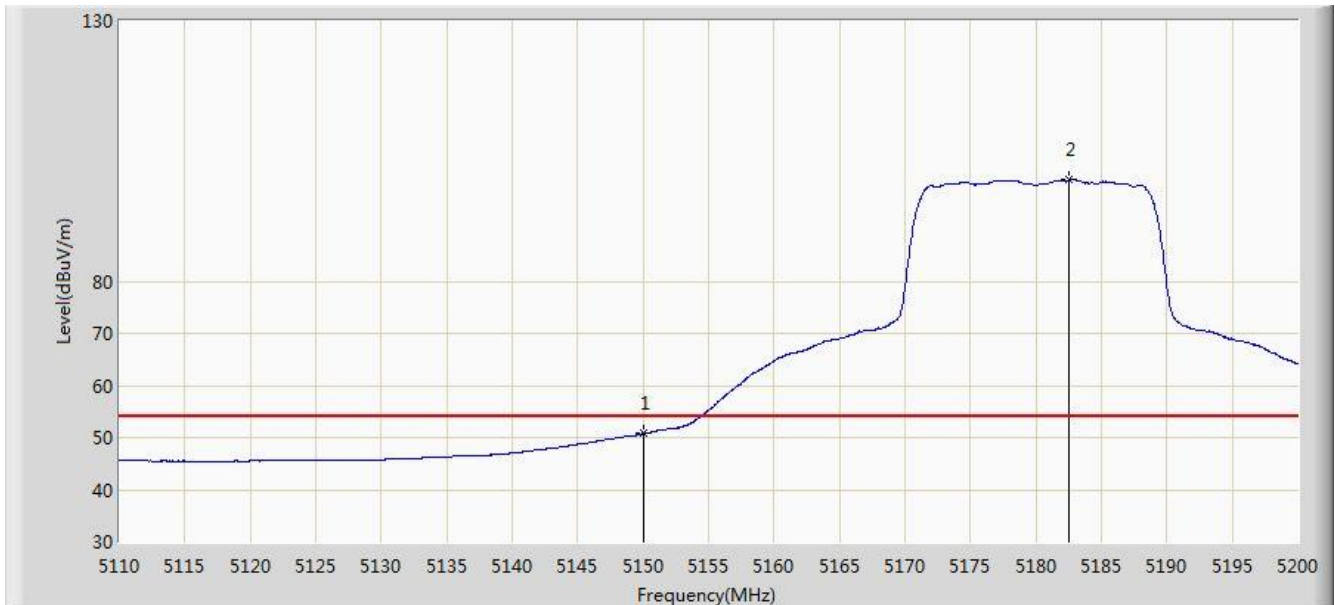


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5145.685        | 68.217                 | 64.041               | -5.783      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 66.540                 | 62.371               | -7.460      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5181.505        | 112.940                | 108.877              | N/A         | N/A            | 4.064       | 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: AC1                                                      | Time: 2017/12/10 - 11:51 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 |                          |

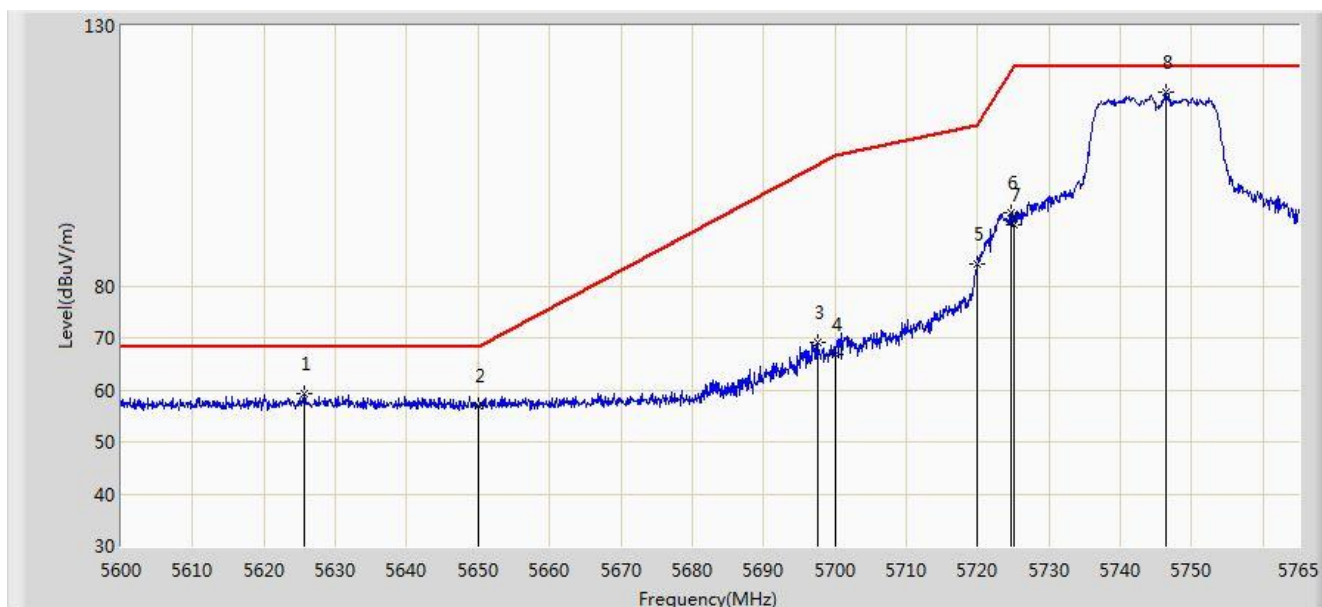


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 50.827                 | 46.658               | -3.173      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5182.540        | 99.432                 | 95.372               | N/A         | N/A            | 4.060       | 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: AC1                                                      | Time: 2017/12/10 - 12:22 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 |                          |

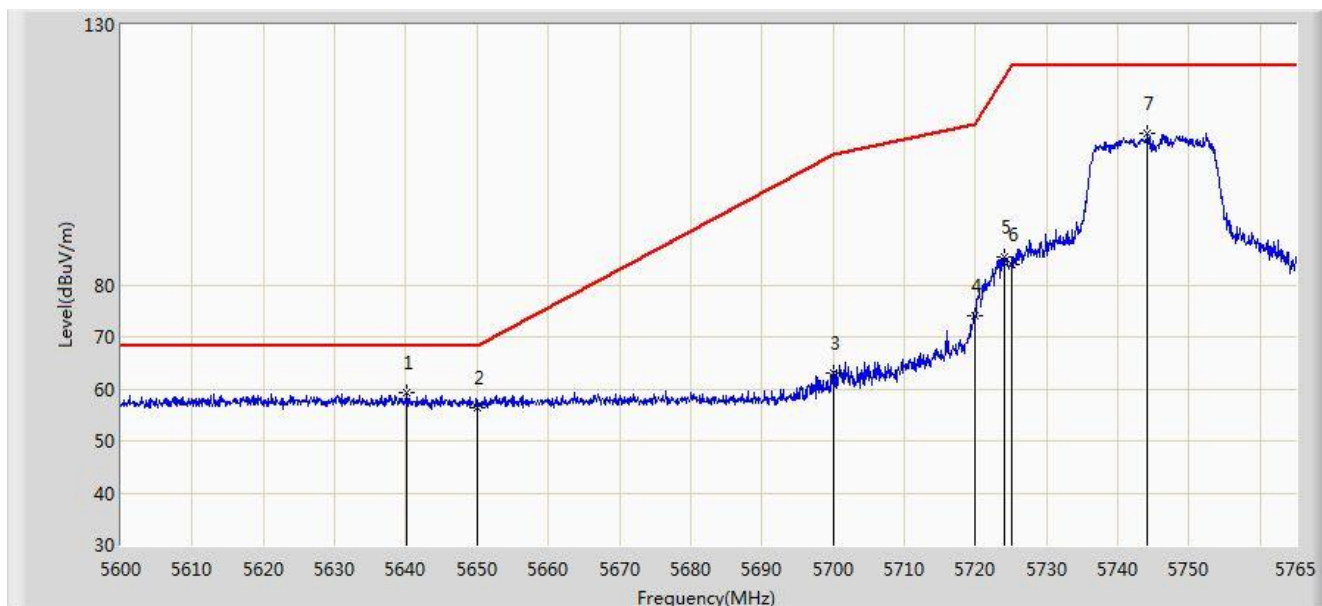


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5625.740        | 59.409                 | 54.812               | -8.791      | 68.200         | 4.598       | PK   |
| 2  |      |      | 5650.000        | 56.961                 | 52.290               | -11.239     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5697.515        | 69.138                 | 64.273               | -34.231     | 103.369        | 4.865       | PK   |
| 4  |      |      | 5700.000        | 66.854                 | 61.976               | -38.346     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5720.000        | 84.319                 | 79.322               | -26.481     | 110.800        | 4.997       | PK   |
| 6  |      |      | 5724.740        | 94.093                 | 89.066               | -27.514     | 121.607        | 5.028       | PK   |
| 7  |      |      | 5725.000        | 91.796                 | 86.767               | -30.404     | 122.200        | 5.029       | PK   |
| 8  |      |      | 5746.355        | 117.122                | 111.959              | N/A         | N/A            | 5.163       | 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: AC1                                                      | Time: 2017/12/10 - 12:23 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 |                          |

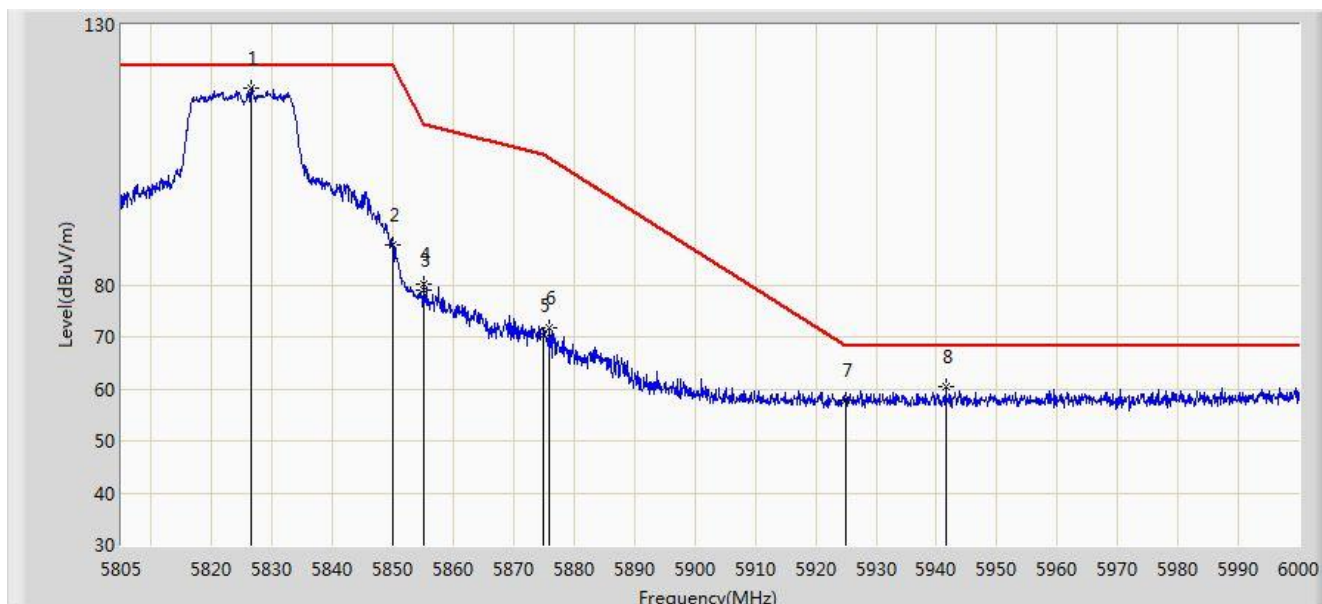


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5640.178        | 59.266                 | 54.627               | -8.934      | 68.200         | 4.638       | PK   |
| 2  |      |      | 5650.000        | 56.494                 | 51.823               | -11.706     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 63.016                 | 58.138               | -42.184     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 73.916                 | 68.919               | -36.884     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5723.998        | 85.347                 | 80.324               | -34.570     | 119.916        | 5.022       | PK   |
| 6  |      |      | 5725.000        | 84.042                 | 79.013               | -38.158     | 122.200        | 5.029       | PK   |
| 7  |      |      | 5744.127        | 108.987                | 103.837              | N/A         | N/A            | 5.151       | 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: AC1                                                      | Time: 2017/12/10 - 12:25 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 |                          |

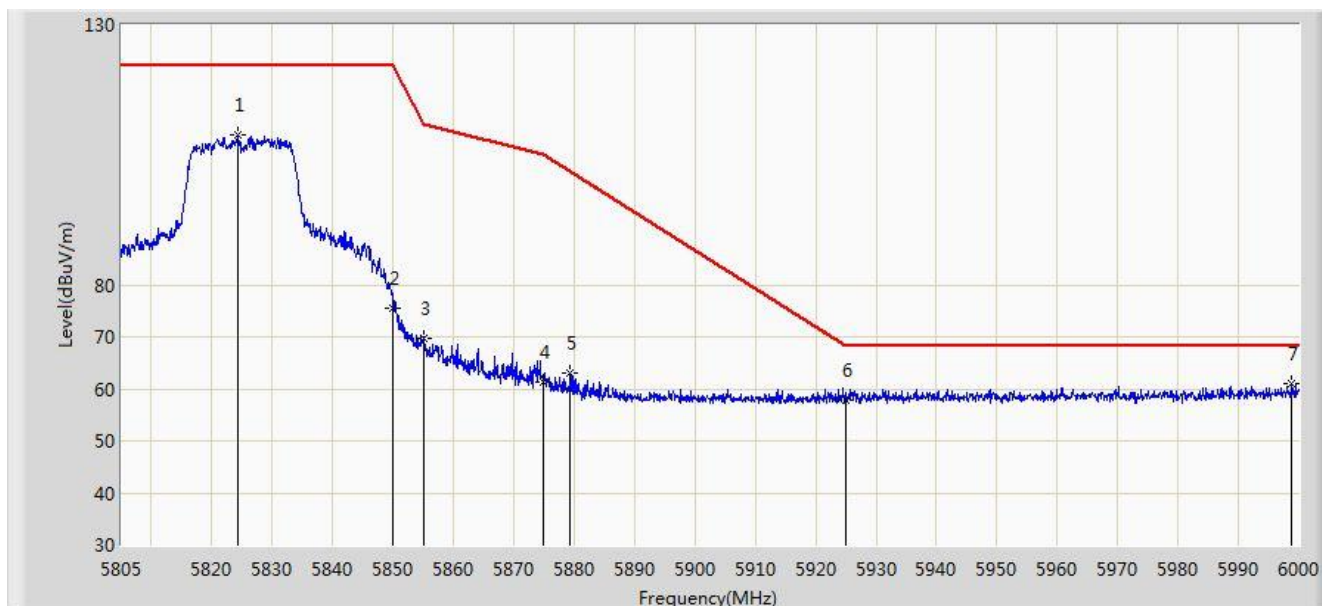


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5826.450        | 117.945                | 112.349              | N/A         | N/A            | 5.596       | PK   |
| 2  |      |      | 5850.000        | 87.673                 | 81.947               | -34.527     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 79.024                 | 73.278               | -31.776     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5855.212        | 80.179                 | 74.432               | -30.561     | 110.741        | 5.746       | PK   |
| 5  |      |      | 5875.000        | 70.150                 | 64.330               | -35.050     | 105.200        | 5.820       | PK   |
| 6  |      |      | 5875.980        | 71.759                 | 65.936               | -32.713     | 104.472        | 5.824       | PK   |
| 7  |      |      | 5925.000        | 57.907                 | 51.941               | -10.293     | 68.200         | 5.967       | PK   |
| 8  |      |      | 5941.500        | 60.344                 | 54.337               | -7.856      | 68.200         | 6.007       | 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: AC1                                                      | Time: 2017/12/10 - 12:26 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 |                          |



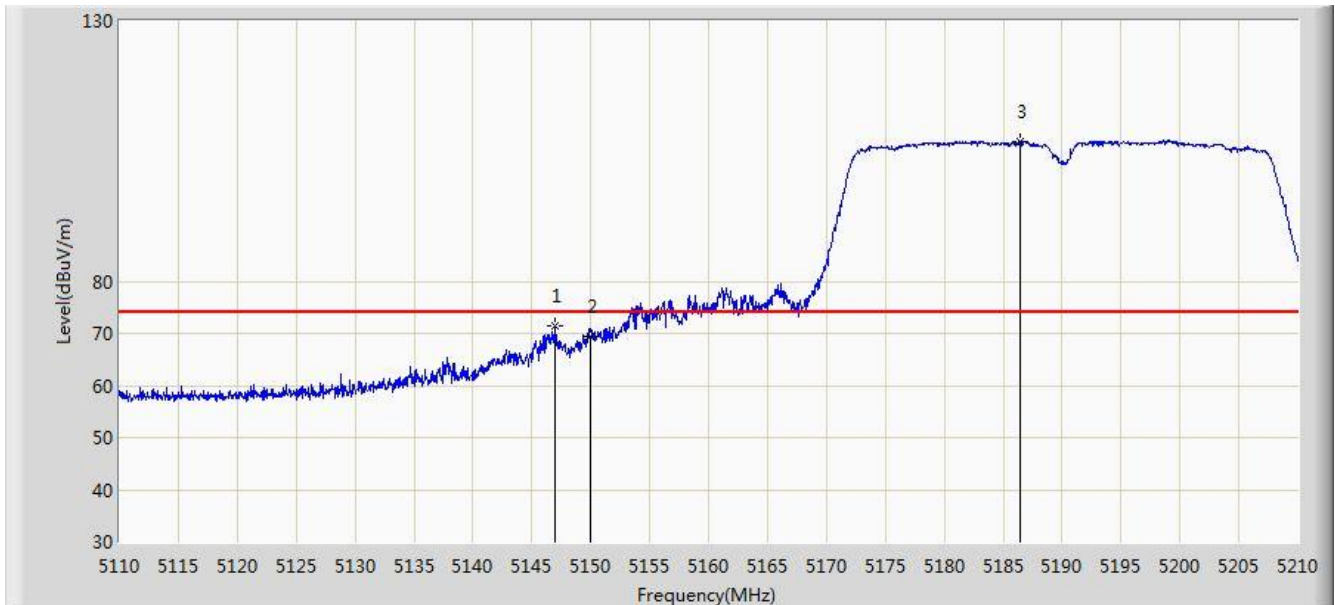
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5824.305        | 108.865                | 103.281              | N/A         | N/A            | 5.584       | PK   |
| 2  |      |      | 5850.000        | 75.450                 | 69.724               | -46.750     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 69.779                 | 64.033               | -41.021     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 61.327                 | 55.507               | -43.873     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5879.295        | 62.916                 | 57.081               | -39.094     | 102.009        | 5.834       | PK   |
| 6  |      |      | 5925.000        | 57.779                 | 51.813               | -10.421     | 68.200         | 5.967       | PK   |
| 7  |      |      | 5998.830        | 60.974                 | 54.865               | -7.226      | 68.200         | 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: AC1                                                      | Time: 2017/12/10 - 12:32 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 |                          |



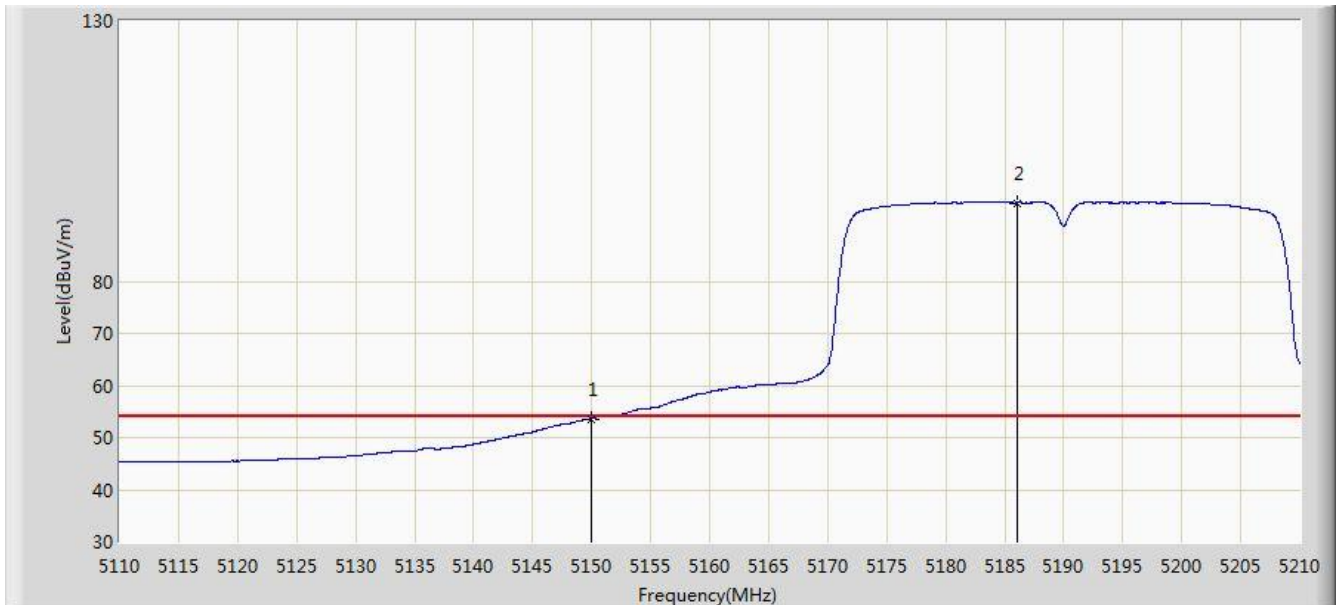
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.000        | 71.361                 | 67.185               | -2.639      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 69.447                 | 65.278               | -4.553      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5186.450        | 106.688                | 102.642              | N/A         | N/A            | 4.046       | 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: AC1                                                      | Time: 2017/12/10 - 12:30 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 |                          |

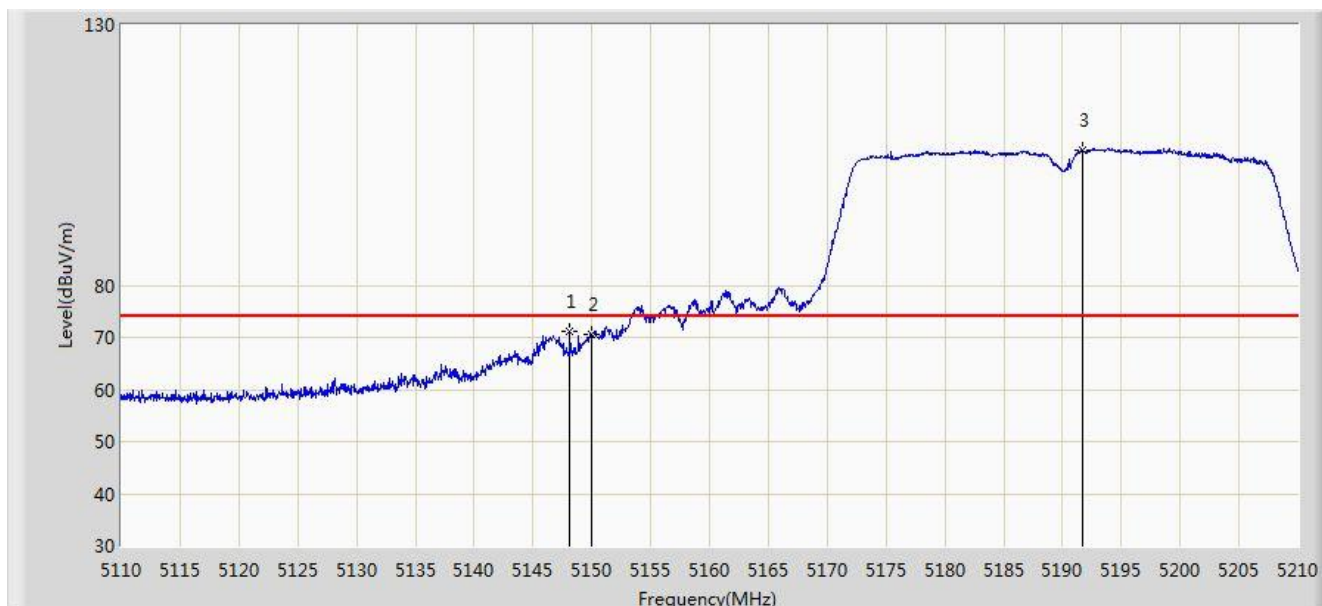


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.610                 | 49.441               | -0.390      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5186.050        | 95.063                 | 91.016               | N/A         | N/A            | 4.048       | 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: AC1                                                      | Time: 2017/12/10 - 12:33 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 |                          |

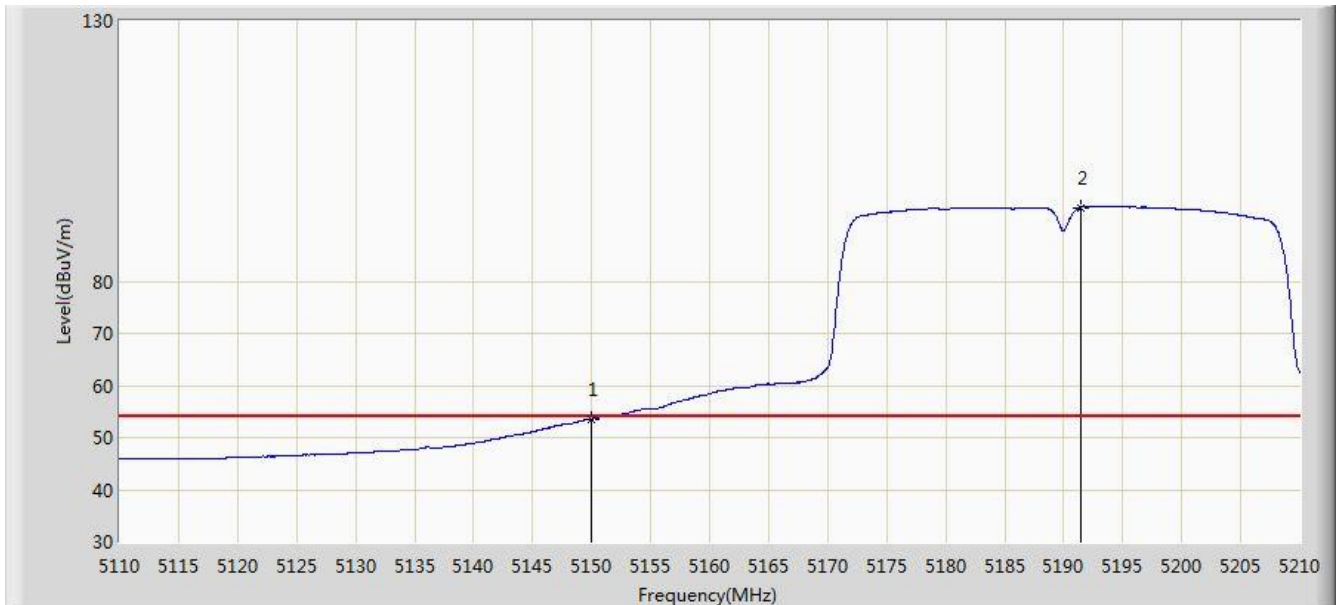


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5148.150        | 71.268                 | 67.093               | -2.732      | 74.000         | 4.175       | PK   |
| 2  |      |      | 5150.000        | 70.537                 | 66.368               | -3.463      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5191.700        | 106.016                | 101.989              | N/A         | N/A            | 4.027       | 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: AC1                                                      | Time: 2017/12/10 - 12:35 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 |                          |

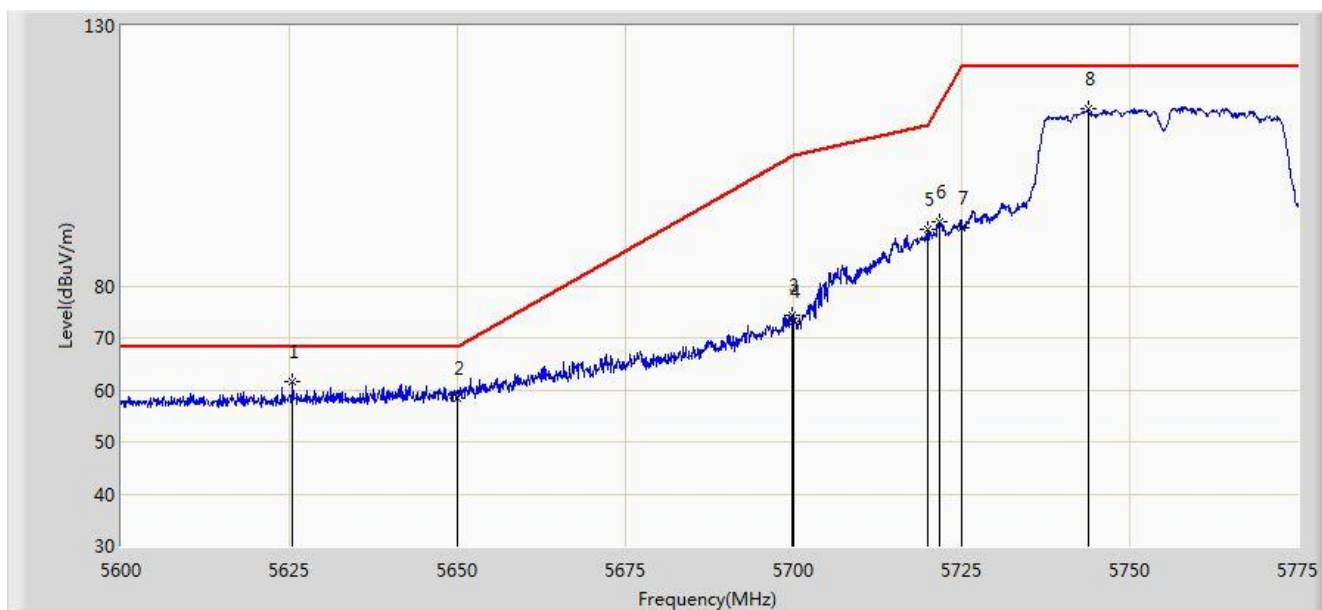


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.510                 | 49.341               | -0.490      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5191.450        | 94.172                 | 90.144               | N/A         | N/A            | 4.028       | 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: AC1                                                      | Time: 2017/12/10 - 13:19 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 |                          |

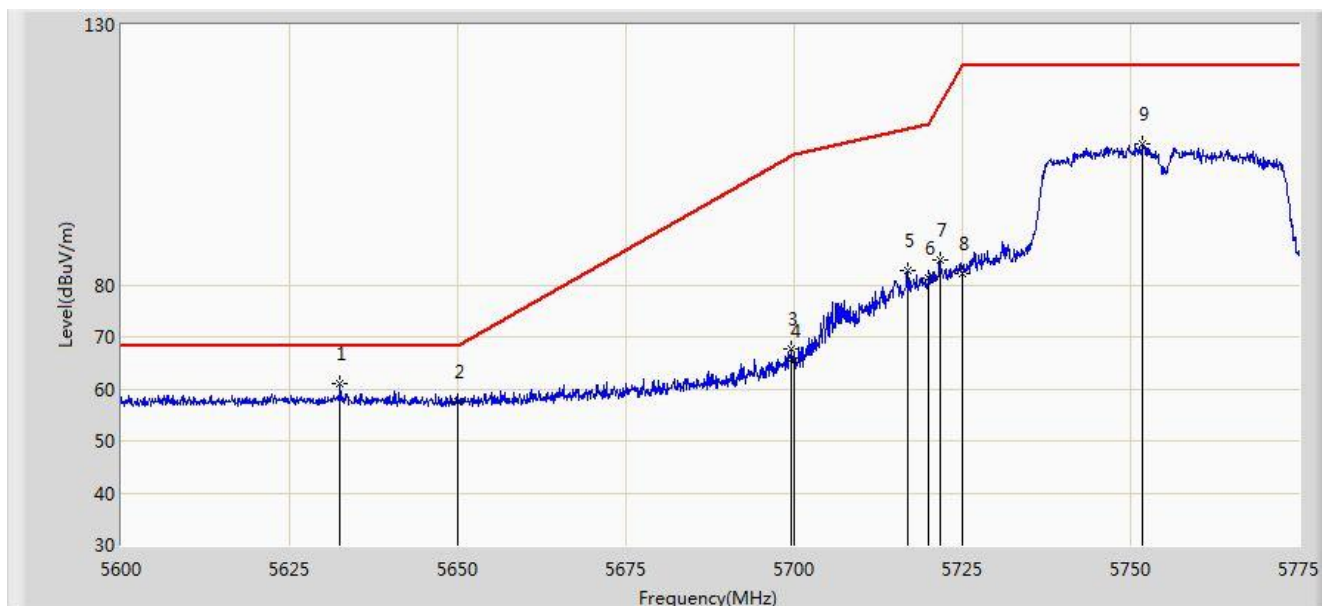


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5625.462        | 61.532                 | 56.936               | -6.668      | 68.200         | 4.595       | PK   |
| 2  |      |      | 5650.000        | 58.519                 | 53.848               | -9.681      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5699.837        | 74.377                 | 69.500               | -30.703     | 105.080        | 4.878       | PK   |
| 4  |      |      | 5700.000        | 73.265                 | 68.387               | -31.935     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5720.000        | 90.870                 | 85.873               | -19.930     | 110.800        | 4.997       | PK   |
| 6  |      |      | 5721.625        | 92.227                 | 87.220               | -22.279     | 114.506        | 5.007       | PK   |
| 7  |      |      | 5725.000        | 91.024                 | 85.995               | -31.176     | 122.200        | 5.029       | PK   |
| 8  |      |      | 5743.763        | 114.105                | 108.957              | N/A         | N/A            | 5.147       | 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: AC1                                                      | Time: 2017/12/10 - 13:21 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 |                          |

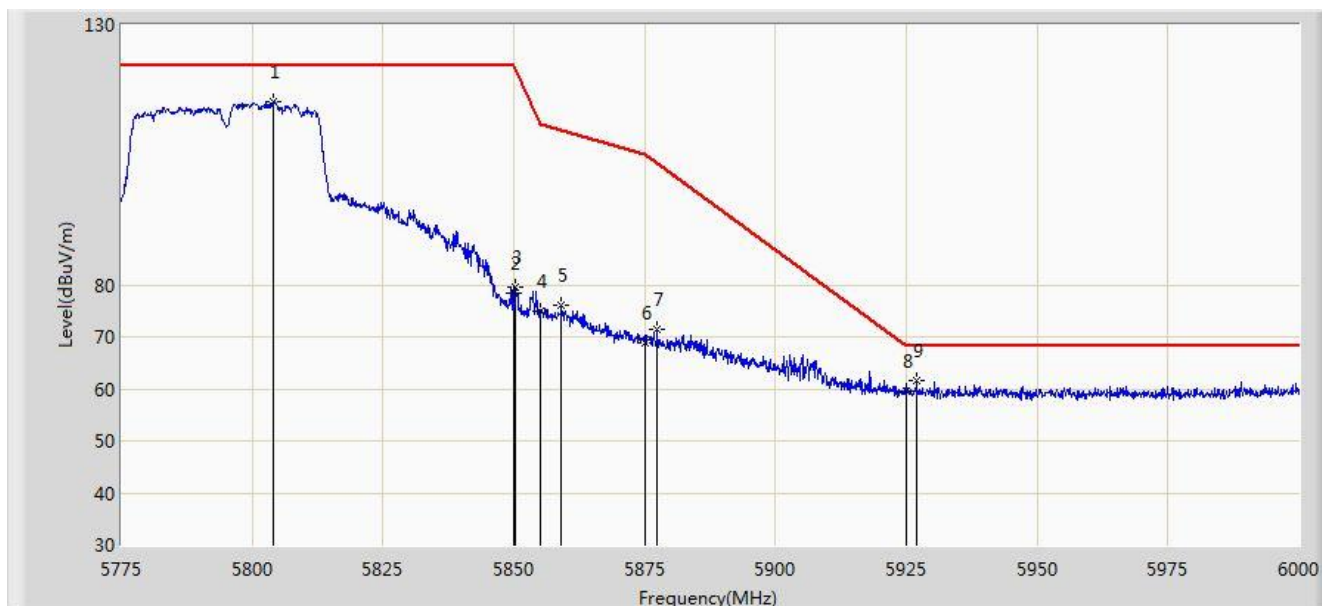


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5632.550        | 60.960                 | 56.344               | -7.240      | 68.200         | 4.617       | PK   |
| 2  |      |      | 5650.000        | 57.605                 | 52.934               | -10.595     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5699.575        | 67.619                 | 62.743               | -37.268     | 104.887        | 4.876       | PK   |
| 4  |      |      | 5700.000        | 65.368                 | 60.490               | -39.832     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5716.812        | 82.839                 | 77.863               | -27.069     | 109.909        | 4.976       | PK   |
| 6  |      |      | 5720.000        | 81.161                 | 76.164               | -29.639     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5721.625        | 84.792                 | 79.785               | -29.714     | 114.506        | 5.007       | PK   |
| 8  |      |      | 5725.000        | 82.170                 | 77.141               | -40.030     | 122.200        | 5.029       | PK   |
| 9  |      |      | 5751.812        | 106.994                | 101.800              | N/A         | N/A            | 5.194       | 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: AC1                                                      | Time: 2017/12/10 - 13:22 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 |                          |

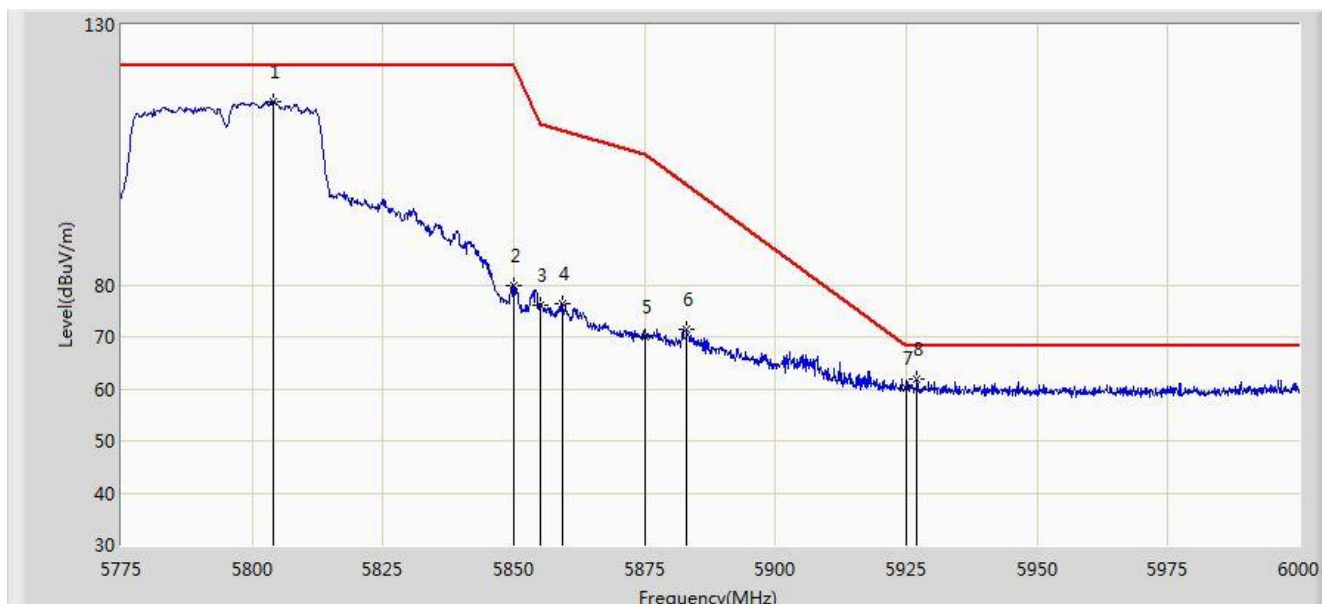


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5803.913        | 115.335                | 109.868              | N/A         | N/A            | 5.467       | PK   |
| 2  |      |      | 5850.000        | 78.303                 | 72.577               | -43.897     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5850.263        | 79.575                 | 73.848               | -42.026     | 121.600        | 5.726       | PK   |
| 4  |      |      | 5855.000        | 74.817                 | 69.071               | -35.983     | 110.800        | 5.746       | PK   |
| 5  |      |      | 5859.150        | 76.139                 | 70.376               | -33.497     | 109.636        | 5.764       | PK   |
| 6  |      |      | 5875.000        | 68.974                 | 63.154               | -36.226     | 105.200        | 5.820       | PK   |
| 7  |      |      | 5877.487        | 71.452                 | 65.624               | -31.900     | 103.352        | 5.828       | PK   |
| 8  |      |      | 5925.000        | 59.665                 | 53.699               | -8.535      | 68.200         | 5.967       | PK   |
| 9  |      |      | 5926.987        | 61.651                 | 55.680               | -6.549      | 68.200         | 5.971       | 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: AC1                                                      | Time: 2017/12/10 - 13:23 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 |                          |

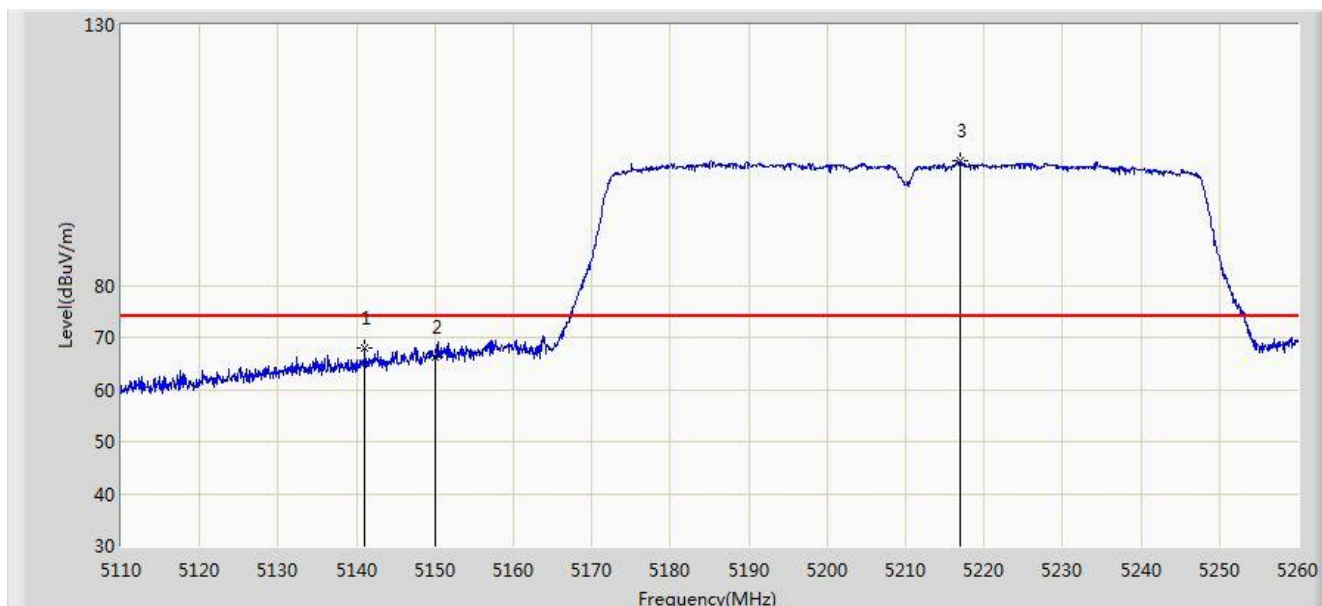


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5803.913        | 115.335                | 109.868              | N/A         | N/A            | 5.467       | PK   |
| 2  |      |      | 5850.000        | 79.809                 | 74.083               | -42.391     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 75.948                 | 70.202               | -34.852     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5859.263        | 76.459                 | 70.695               | -33.146     | 109.605        | 5.764       | PK   |
| 5  |      |      | 5875.000        | 69.873                 | 64.053               | -35.327     | 105.200        | 5.820       | PK   |
| 6  |      |      | 5883.112        | 71.579                 | 65.731               | -27.597     | 99.176         | 5.848       | PK   |
| 7  |      |      | 5925.000        | 60.125                 | 54.159               | -8.075      | 68.200         | 5.967       | PK   |
| 8  |      |      | 5927.100        | 61.767                 | 55.795               | -6.433      | 68.200         | 5.972       | 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: AC1                                                      | Time: 2017/12/10 - 13:27 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Will Yan       |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 |                          |



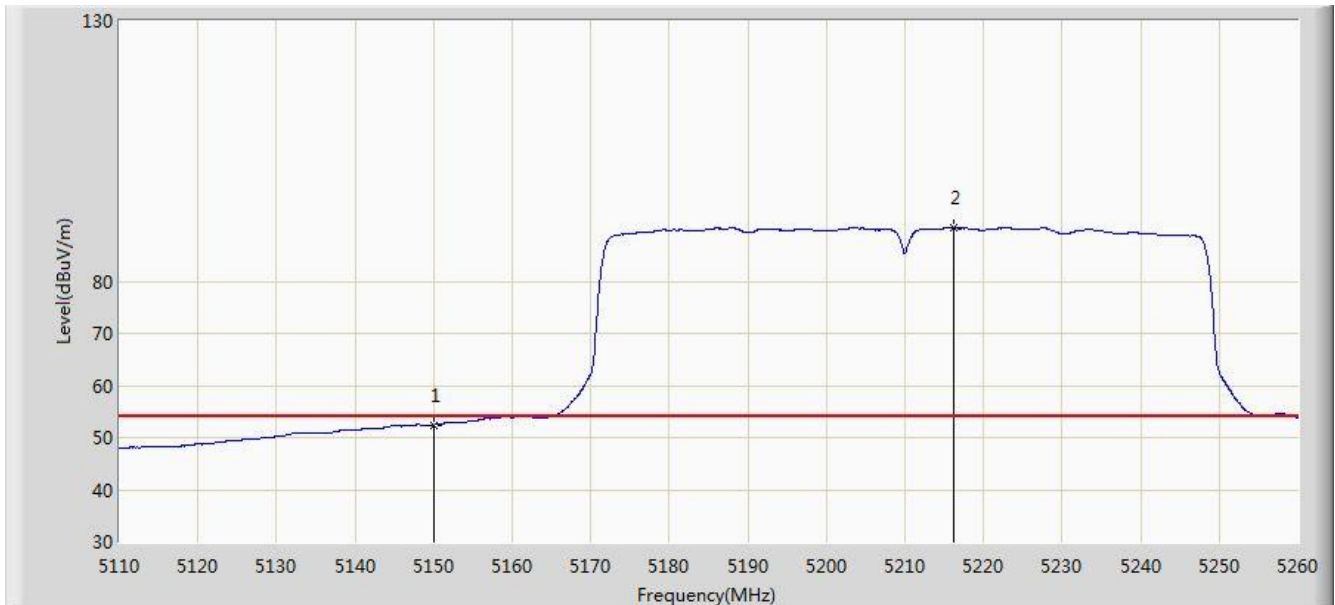
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5141.050        | 68.074                 | 63.898               | -5.926      | 74.000         | 4.175       | PK   |
| 2  |      |      | 5150.000        | 66.278                 | 62.109               | -7.722      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5216.875        | 104.008                | 100.060              | N/A         | N/A            | 3.947       | 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: AC1                                                      | Time: 2017/12/10 - 13:27 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 |                          |

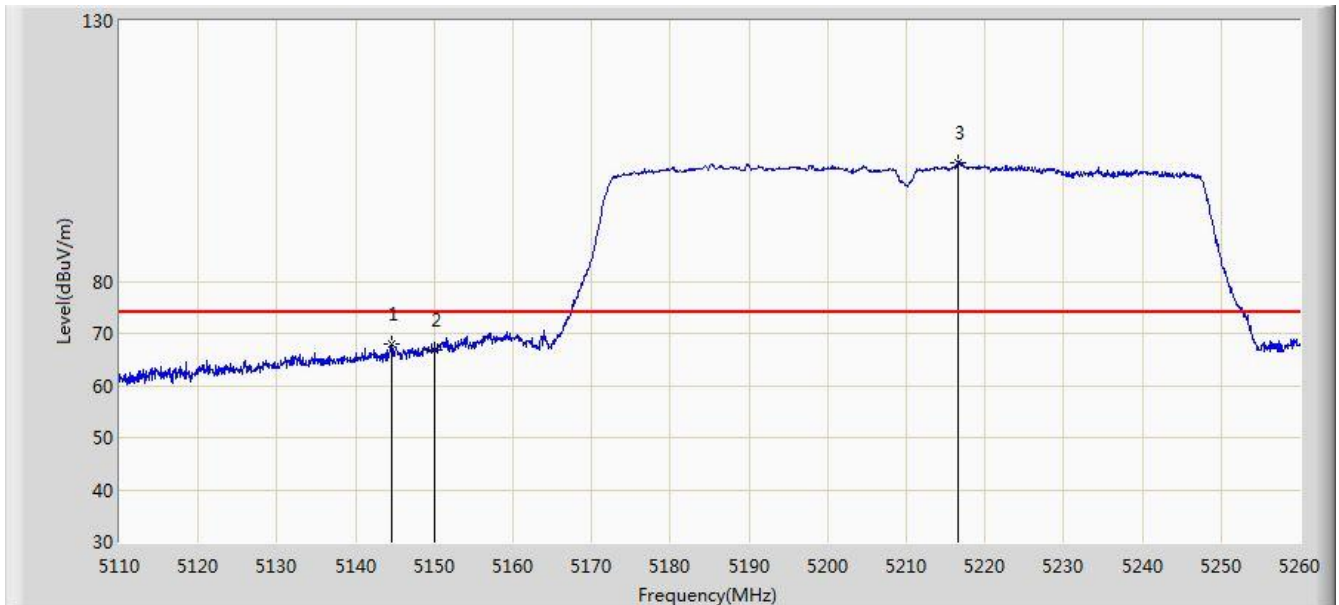


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.402                 | 48.233               | -1.598      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5216.200        | 90.339                 | 86.389               | N/A         | N/A            | 3.950       | 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: AC1                                                      | Time: 2017/12/10 - 13:28 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 |                          |

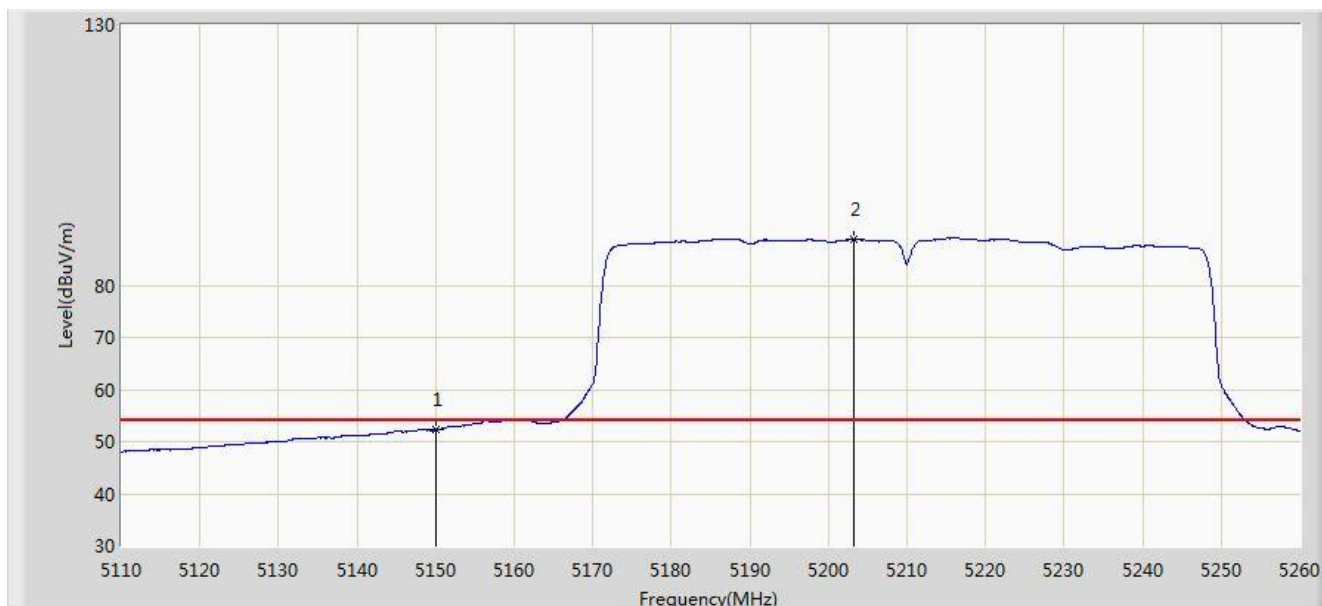


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5144.500        | 67.937                 | 63.761               | -6.063      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 66.735                 | 62.566               | -7.265      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5216.575        | 102.833                | 98.884               | N/A         | N/A            | 3.949       | 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: AC1                                                      | Time: 2017/12/10 - 13:31 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 |                          |

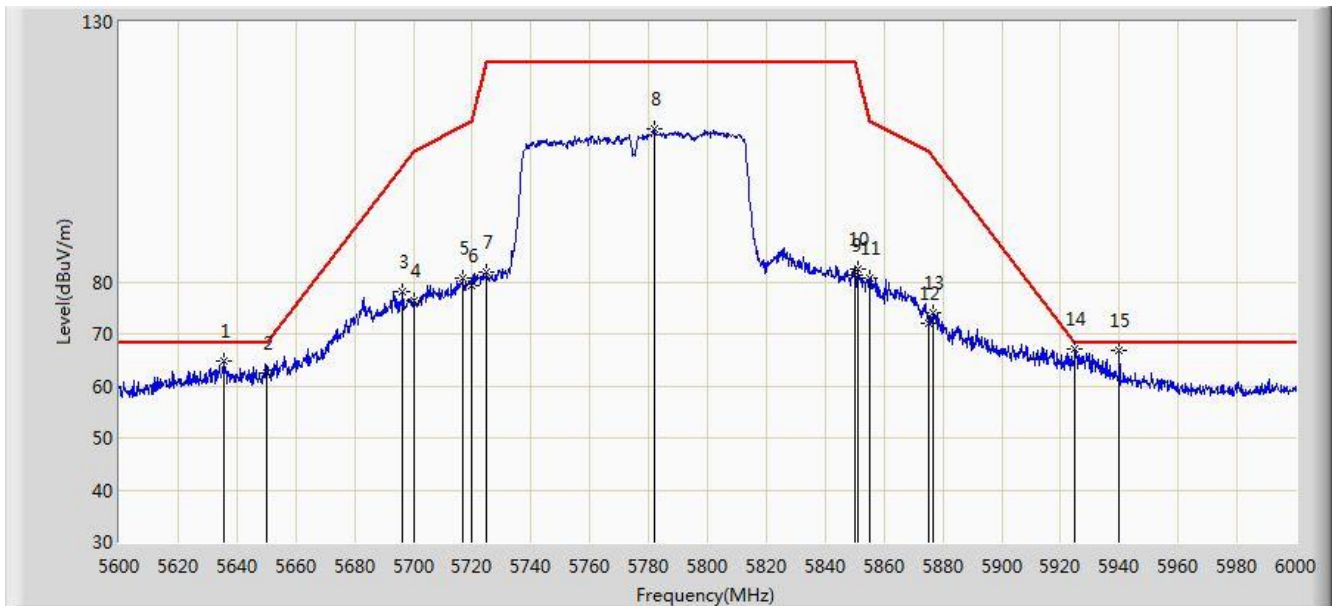


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.243                 | 48.074               | -1.757      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5203.225        | 88.868                 | 84.879               | N/A         | N/A            | 3.988       | 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: AC1                                                      | Time: 2017/12/10 - 13:50 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 |                          |

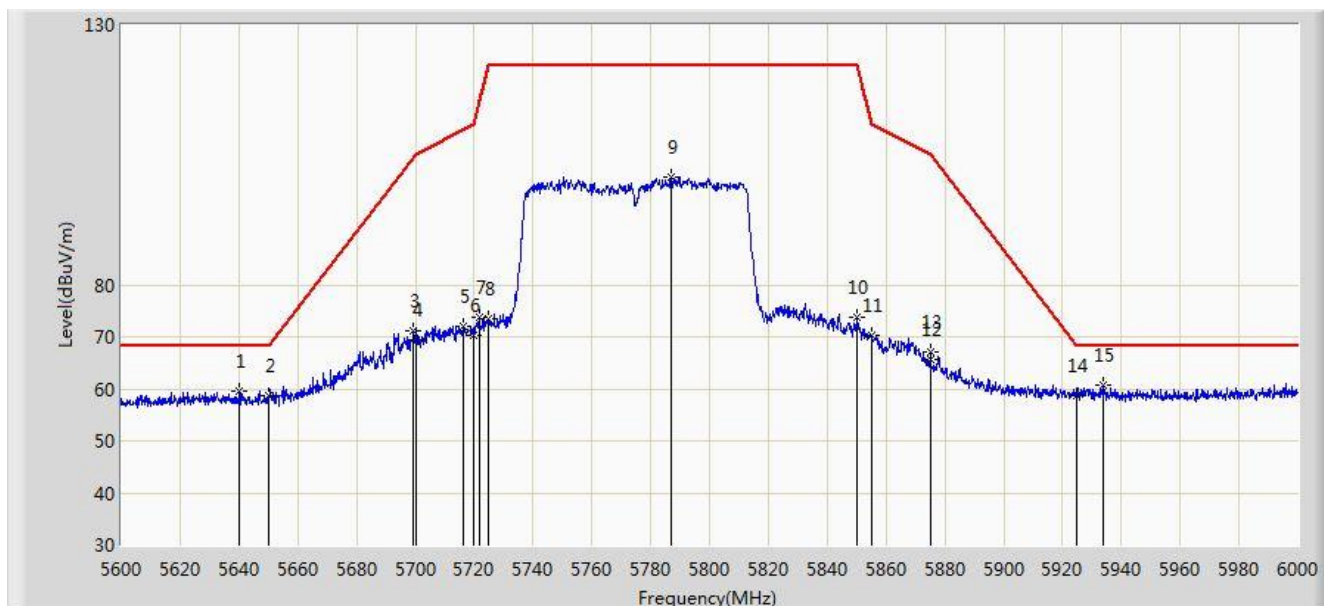


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5635.800        | 64.873                 | 60.247               | -3.327      | 68.200         | 4.625       | PK   |
| 2  |      |      | 5650.000        | 62.539                 | 57.868               | -5.661      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5696.200        | 78.153                 | 73.295               | -24.246     | 102.399        | 4.859       | PK   |
| 4  |      |      | 5700.000        | 76.340                 | 71.462               | -28.860     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5717.000        | 80.681                 | 75.703               | -29.281     | 109.961        | 4.978       | PK   |
| 6  |      |      | 5720.000        | 79.185                 | 74.188               | -31.615     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5725.000        | 81.958                 | 76.929               | -40.242     | 122.200        | 5.029       | PK   |
| 8  |      |      | 5781.800        | 109.554                | 104.203              | N/A         | N/A            | 5.350       | PK   |
| 9  |      |      | 5850.000        | 81.418                 | 75.692               | -40.782     | 122.200        | 5.726       | PK   |
| 10 |      |      | 5851.000        | 82.413                 | 76.683               | -37.507     | 119.919        | 5.730       | PK   |
| 11 |      |      | 5855.000        | 80.826                 | 75.080               | -29.974     | 110.800        | 5.746       | PK   |
| 12 |      |      | 5875.000        | 72.067                 | 66.247               | -33.133     | 105.200        | 5.820       | PK   |
| 13 |      |      | 5876.600        | 74.116                 | 68.291               | -29.895     | 104.011        | 5.826       | PK   |
| 14 |      |      | 5925.000        | 66.970                 | 61.004               | -1.230      | 68.200         | 5.967       | PK   |
| 15 |      |      | 5940.000        | 66.743                 | 60.739               | -1.457      | 68.200         | 6.004       | 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: AC1                                                      | Time: 2017/12/10 - 13:52 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 |                          |

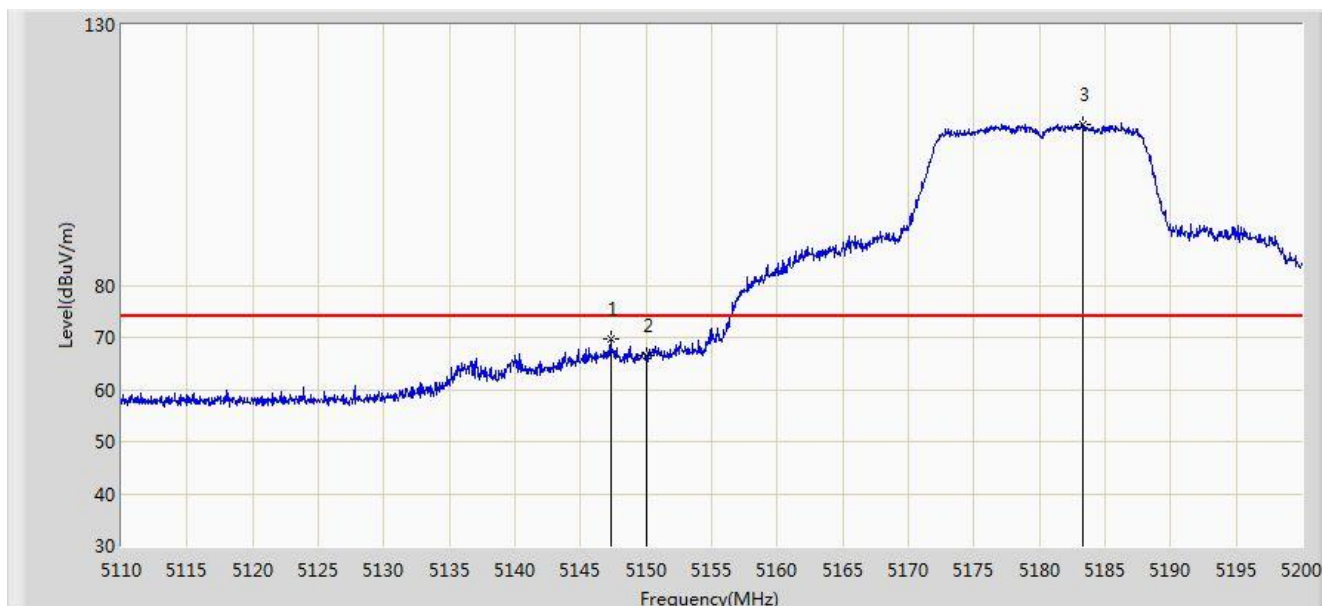


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5640.200        | 59.434                 | 54.795               | -8.766      | 68.200         | 4.638       | PK   |
| 2  |      |      | 5650.000        | 58.776                 | 54.105               | -9.424      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5699.400        | 71.164                 | 66.289               | -33.594     | 104.758        | 4.874       | PK   |
| 4  |      |      | 5700.000        | 69.500                 | 64.622               | -35.700     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5716.200        | 72.076                 | 67.104               | -37.661     | 109.738        | 4.972       | PK   |
| 6  |      |      | 5720.000        | 70.356                 | 65.359               | -40.444     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5721.600        | 73.749                 | 68.742               | -40.700     | 114.449        | 5.007       | PK   |
| 8  |      |      | 5725.000        | 73.552                 | 68.523               | -48.648     | 122.200        | 5.029       | PK   |
| 9  |      |      | 5787.200        | 100.616                | 95.238               | N/A         | N/A            | 5.378       | PK   |
| 10 |      |      | 5850.000        | 73.713                 | 67.987               | -48.487     | 122.200        | 5.726       | PK   |
| 11 |      |      | 5855.000        | 70.220                 | 64.474               | -40.580     | 110.800        | 5.746       | PK   |
| 12 |      |      | 5875.000        | 65.527                 | 59.707               | -39.673     | 105.200        | 5.820       | PK   |
| 13 |      |      | 5875.200        | 67.200                 | 61.379               | -37.852     | 105.051        | 5.820       | PK   |
| 14 |      |      | 5925.000        | 58.840                 | 52.874               | -9.360      | 68.200         | 5.967       | PK   |
| 15 |      |      | 5933.600        | 60.681                 | 54.693               | -7.519      | 68.200         | 5.988       | 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: AC1                                               | Time: 2017/12/10 - 13:55 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 |                          |

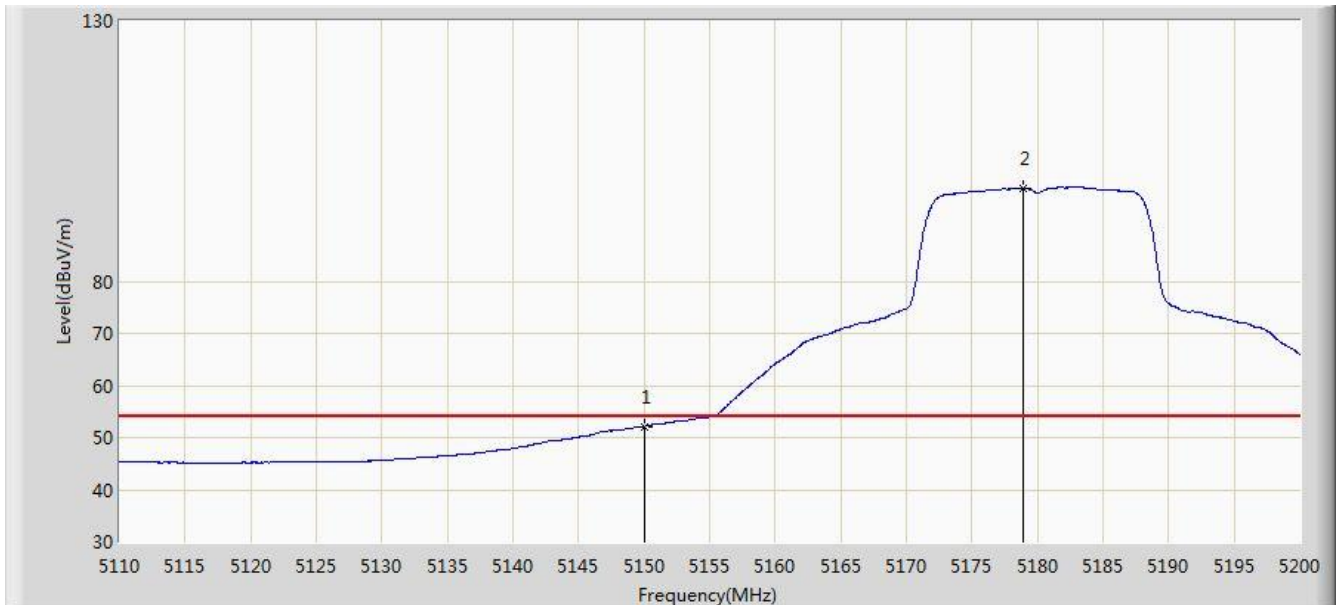


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.305        | 69.616                 | 65.440               | -4.384      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 66.429                 | 62.260               | -7.571      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5183.350        | 110.987                | 106.930              | N/A         | N/A            | 4.056       | 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: AC1                                               | Time: 2017/12/10 - 13:56 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 |                          |



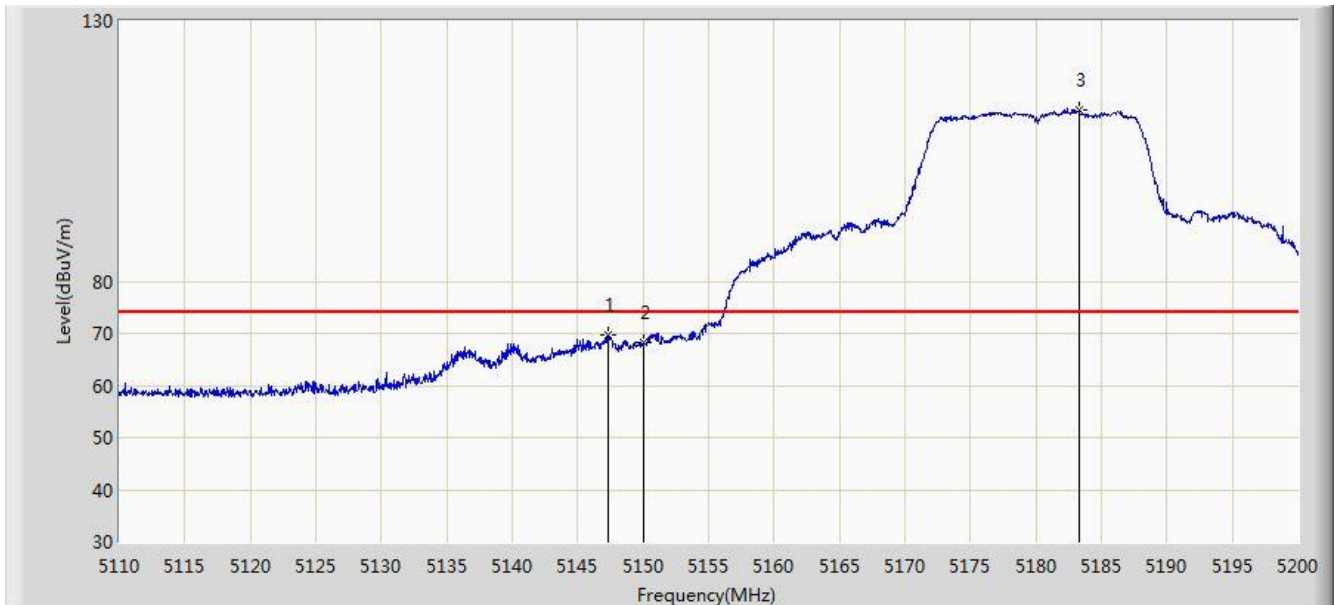
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.160                 | 47.991               | -1.840      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5178.940        | 97.875                 | 93.802               | N/A         | N/A            | 4.072       | 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: AC1                                               | Time: 2017/12/10 - 13:58 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 |                          |

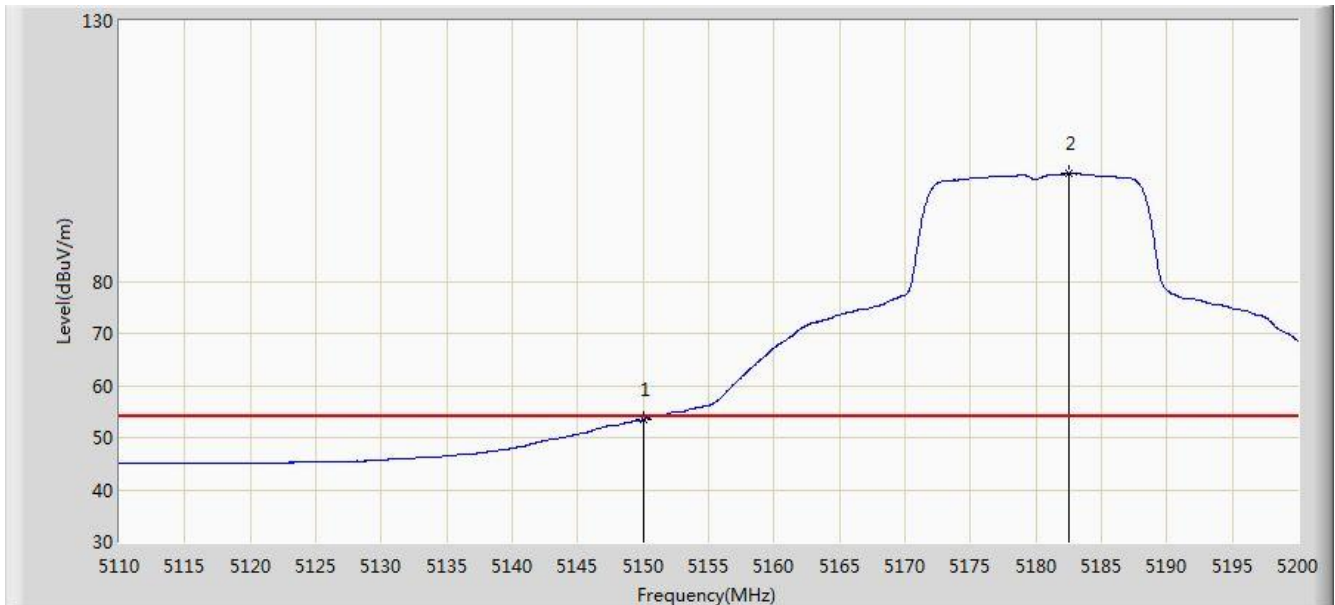


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.350        | 69.706                 | 65.530               | -4.294      | 74.000         | 4.175       | PK   |
| 2  |      |      | 5150.000        | 68.255                 | 64.086               | -5.745      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5183.260        | 112.802                | 108.745              | N/A         | N/A            | 4.057       | 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: AC1                                               | Time: 2017/12/10 - 14:04 |
| Limit: FCC_Part15.209_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1 |                          |

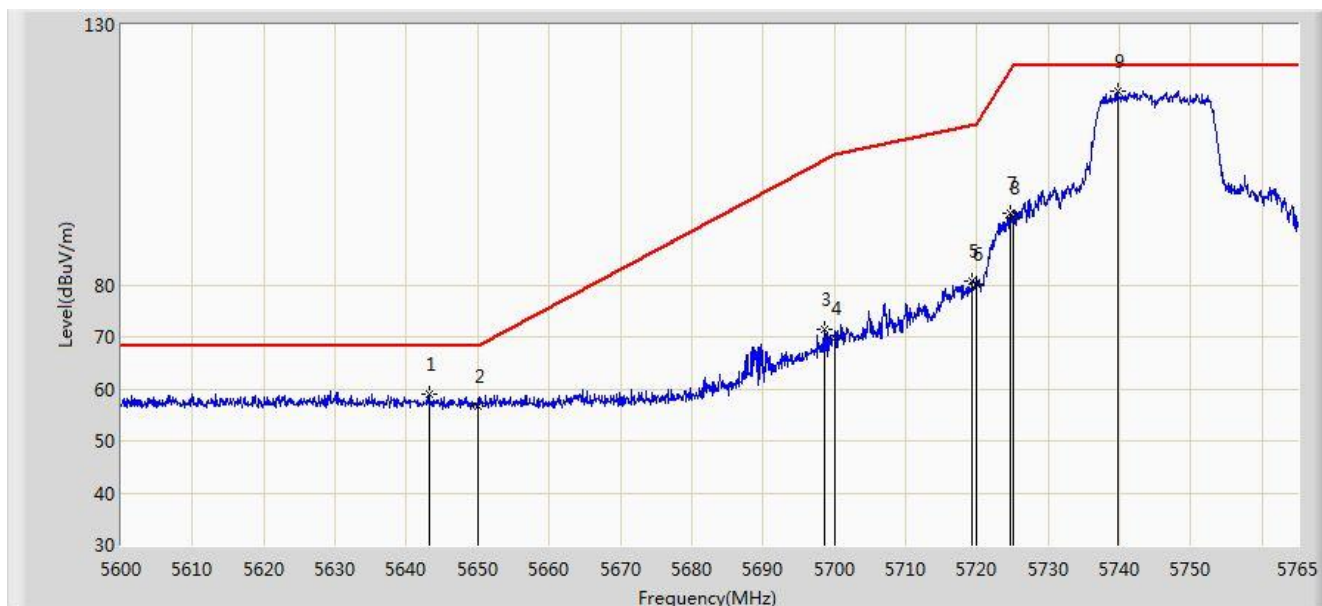


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.471                 | 49.302               | -0.529      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5182.495        | 100.672                | 96.612               | N/A         | N/A            | 4.060       | 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: AC1                                               | Time: 2017/12/10 - 14:42 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1 |                          |

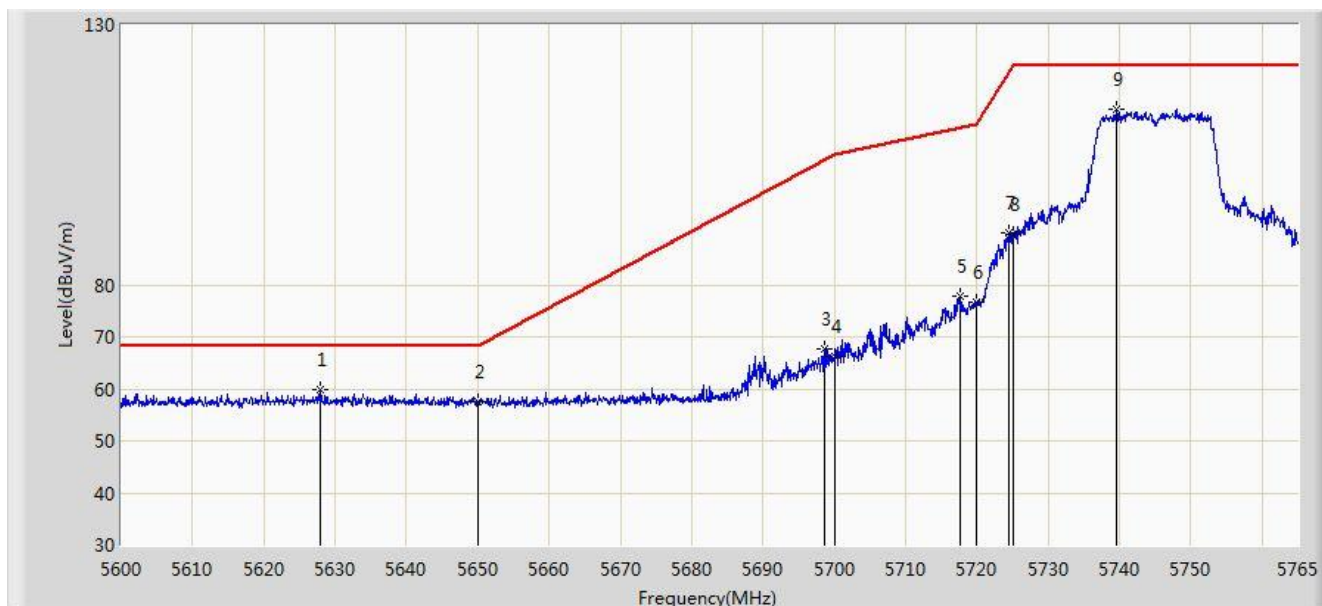


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5643.147        | 58.966                 | 54.318               | -9.234      | 68.200         | 4.649       | PK   |
| 2  |      |      | 5650.000        | 56.681                 | 52.010               | -11.519     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5698.670        | 71.321                 | 66.450               | -32.899     | 104.220        | 4.871       | PK   |
| 4  |      |      | 5700.000        | 69.828                 | 64.950               | -35.372     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5719.377        | 80.739                 | 75.746               | -29.887     | 110.626        | 4.993       | PK   |
| 6  |      |      | 5720.000        | 80.169                 | 75.172               | -30.631     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5724.740        | 93.886                 | 88.859               | -27.721     | 121.607        | 5.028       | PK   |
| 8  |      |      | 5725.000        | 93.026                 | 87.997               | -29.174     | 122.200        | 5.029       | PK   |
| 9  |      |      | 5739.755        | 117.117                | 111.994              | N/A         | N/A            | 5.123       | 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: AC1                                               | Time: 2017/12/10 - 14:44 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1 |                          |

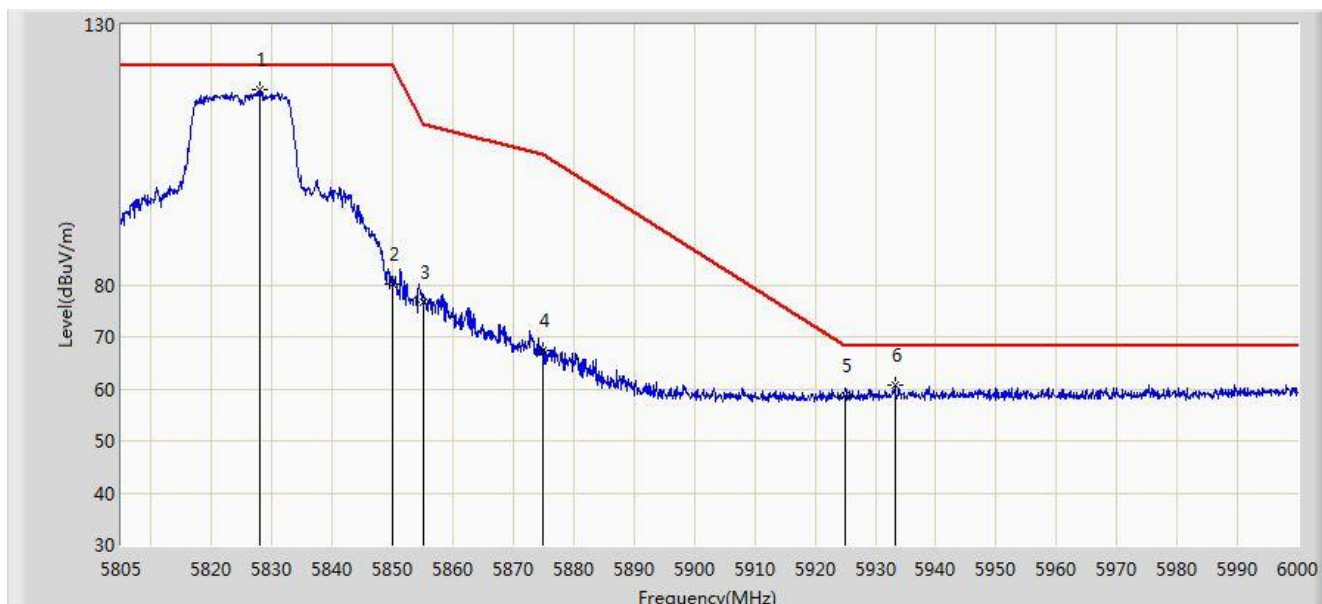


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5627.967        | 59.779                 | 55.176               | -8.421      | 68.200         | 4.604       | PK   |
| 2  |      |      | 5650.000        | 57.597                 | 52.926               | -10.603     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5698.670        | 67.792                 | 62.921               | -36.428     | 104.220        | 4.871       | PK   |
| 4  |      |      | 5700.000        | 66.320                 | 61.442               | -38.880     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5717.645        | 77.712                 | 72.730               | -32.430     | 110.142        | 4.982       | PK   |
| 6  |      |      | 5720.000        | 76.802                 | 71.805               | -33.998     | 110.800        | 4.997       | PK   |
| 7  |      |      | 5724.575        | 89.946                 | 84.920               | -31.285     | 121.231        | 5.026       | PK   |
| 8  |      |      | 5725.000        | 89.601                 | 84.572               | -32.599     | 122.200        | 5.029       | PK   |
| 9  |      |      | 5739.590        | 113.738                | 108.616              | N/A         | N/A            | 5.122       | 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: AC1                                               | Time: 2017/12/10 - 14:47 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1 |                          |

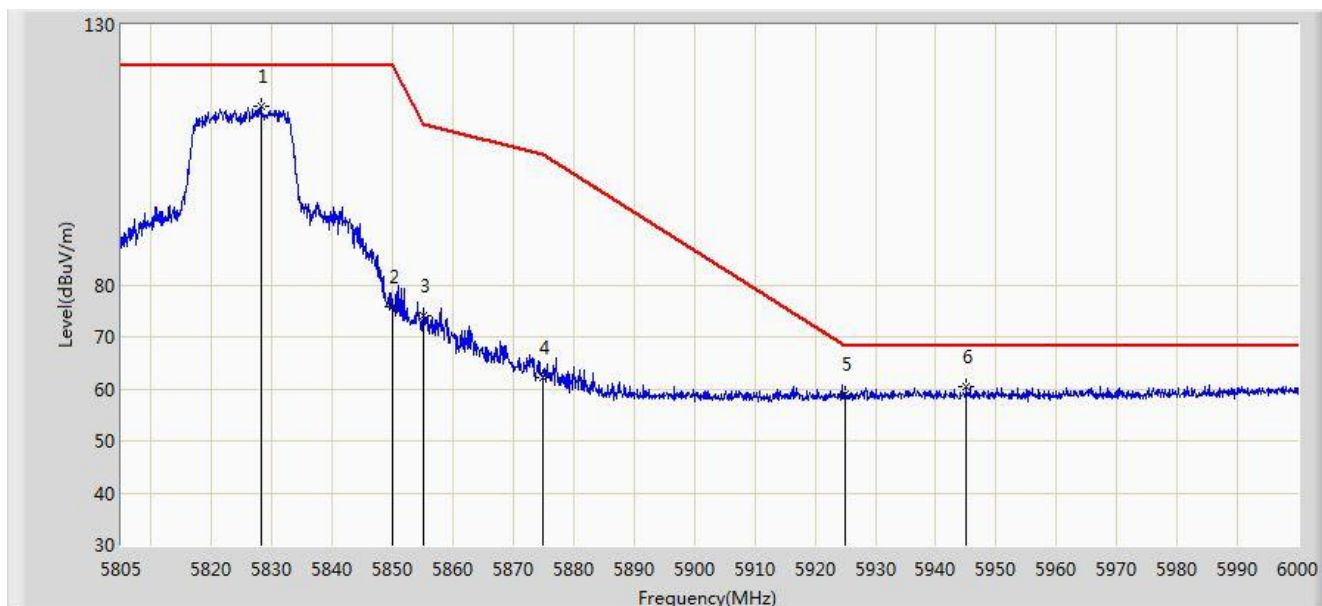


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5827.913        | 117.445                | 111.840              | N/A         | N/A            | 5.606       | PK   |
| 2  |      |      | 5850.000        | 80.091                 | 74.365               | -42.109     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 76.674                 | 70.928               | -34.126     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 67.504                 | 61.684               | -37.696     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.743                 | 52.777               | -9.457      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5933.212        | 60.783                 | 54.796               | -7.417      | 68.200         | 5.987       | 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: AC1                                               | Time: 2017/12/10 - 14:48 |
| Limit: FCC_Part15.407_RE(3m)                            | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                             | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                          | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1 |                          |

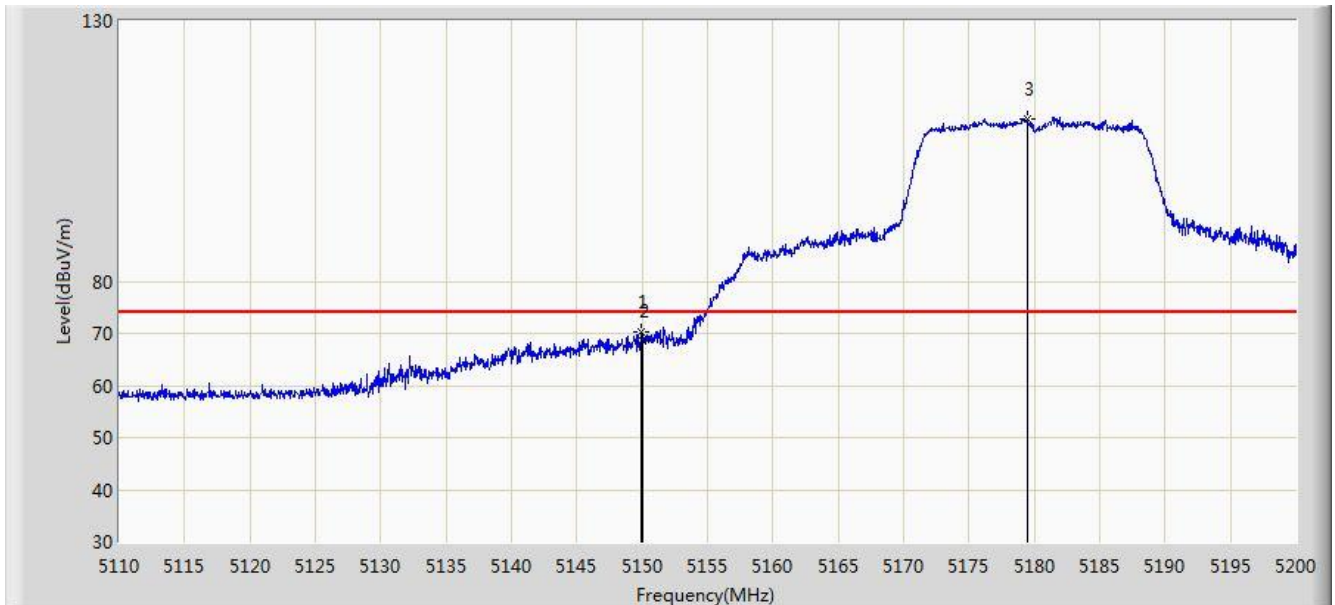


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5828.107        | 114.428                | 108.822              | N/A         | N/A            | 5.606       | PK   |
| 2  |      |      | 5850.000        | 75.747                 | 70.021               | -46.453     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 74.157                 | 68.411               | -36.643     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 62.234                 | 56.414               | -42.966     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 59.042                 | 53.076               | -9.158      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5945.107        | 60.545                 | 54.529               | -7.655      | 68.200         | 6.016       | 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: AC1                                                    | Time: 2017/12/10 - 14:50 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 |                          |



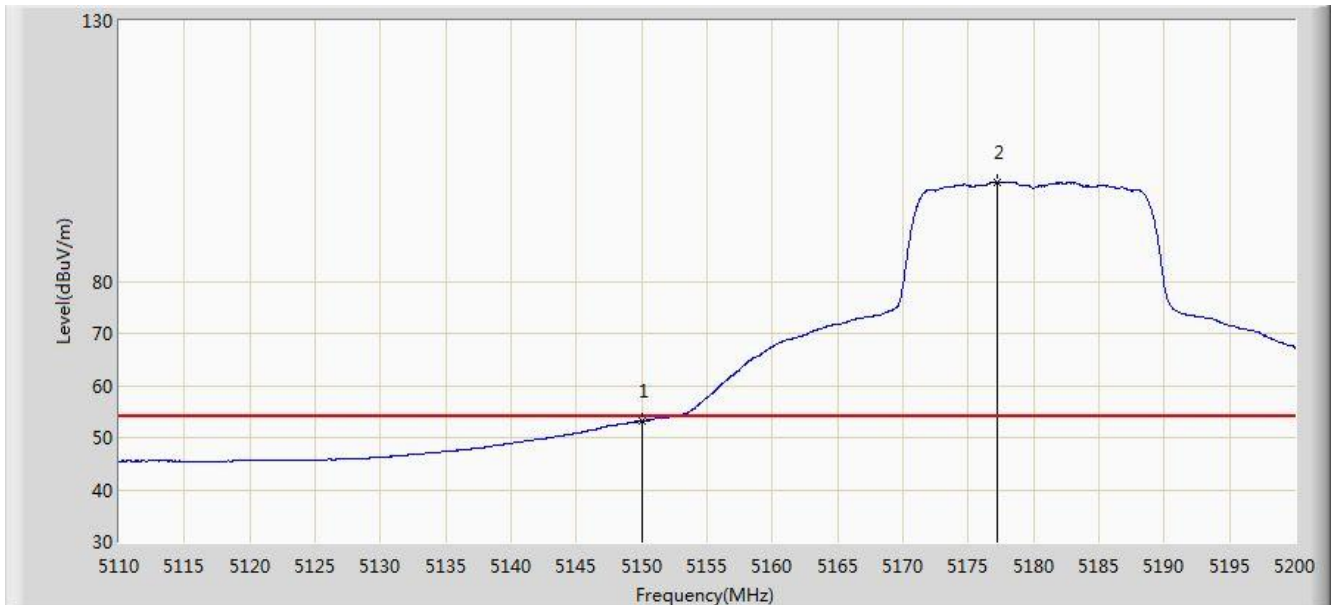
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5149.915        | 70.185                 | 66.015               | -3.815      | 74.000         | 4.170       | PK   |
| 2  |      |      | 5150.000        | 68.567                 | 64.398               | -5.433      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5179.435        | 111.241                | 107.170              | N/A         | N/A            | 4.071       | 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: AC1                                                    | Time: 2017/12/10 - 14:53 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 |                          |



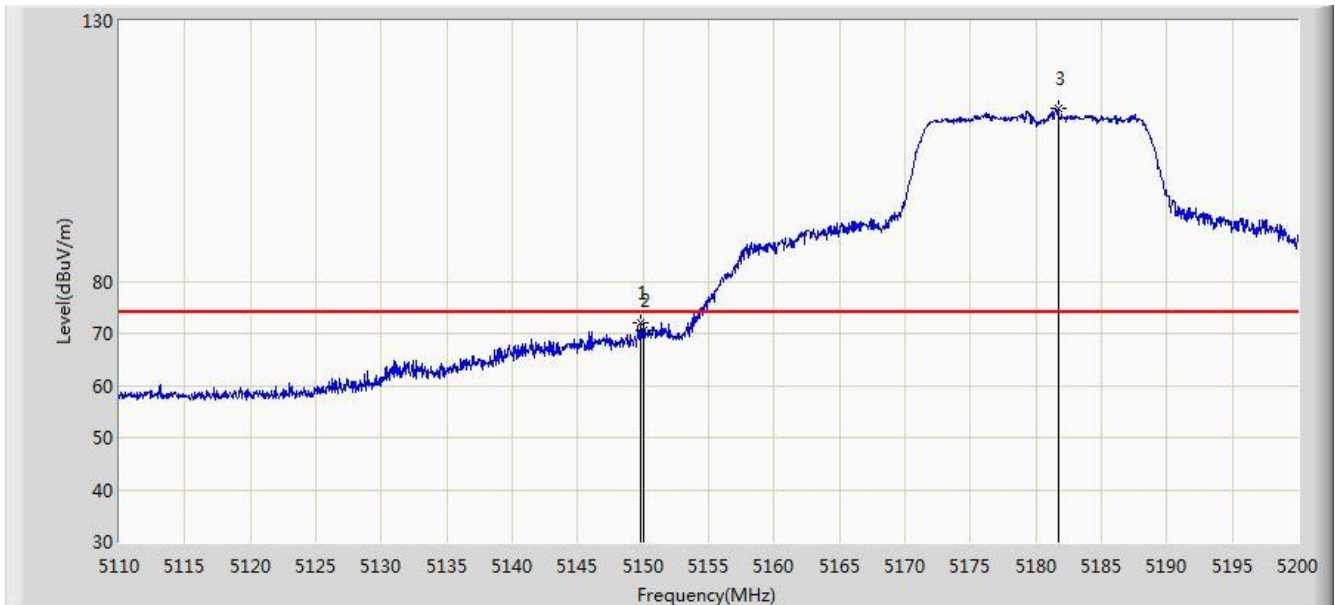
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.175                 | 49.006               | -0.825      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5177.185        | 99.014                 | 94.935               | N/A         | N/A            | 4.078       | 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: AC1                                                    | Time: 2017/12/10 - 14:53 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Will Yan       |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 |                          |

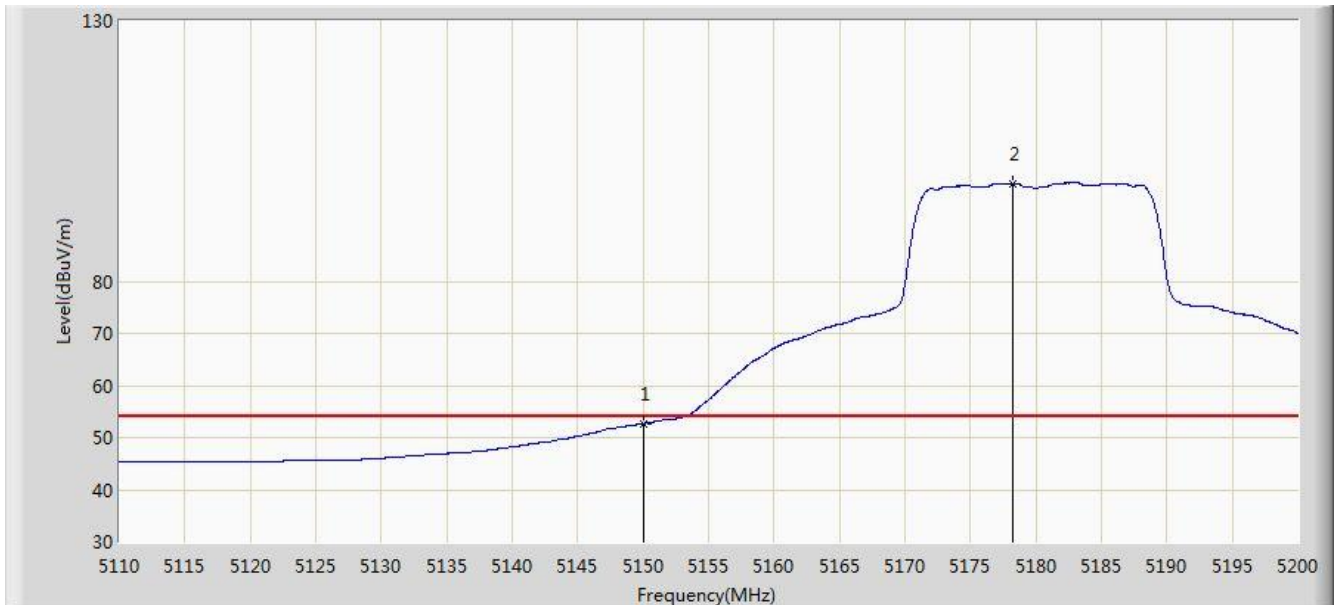


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5149.825        | 71.898                 | 67.728               | -2.102      | 74.000         | 4.170       | PK   |
| 2  |      |      | 5150.000        | 70.468                 | 66.299               | -3.532      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5181.685        | 113.143                | 109.080              | N/A         | N/A            | 4.063       | 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: AC1                                                    | Time: 2017/12/10 - 14:55 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1 |                          |

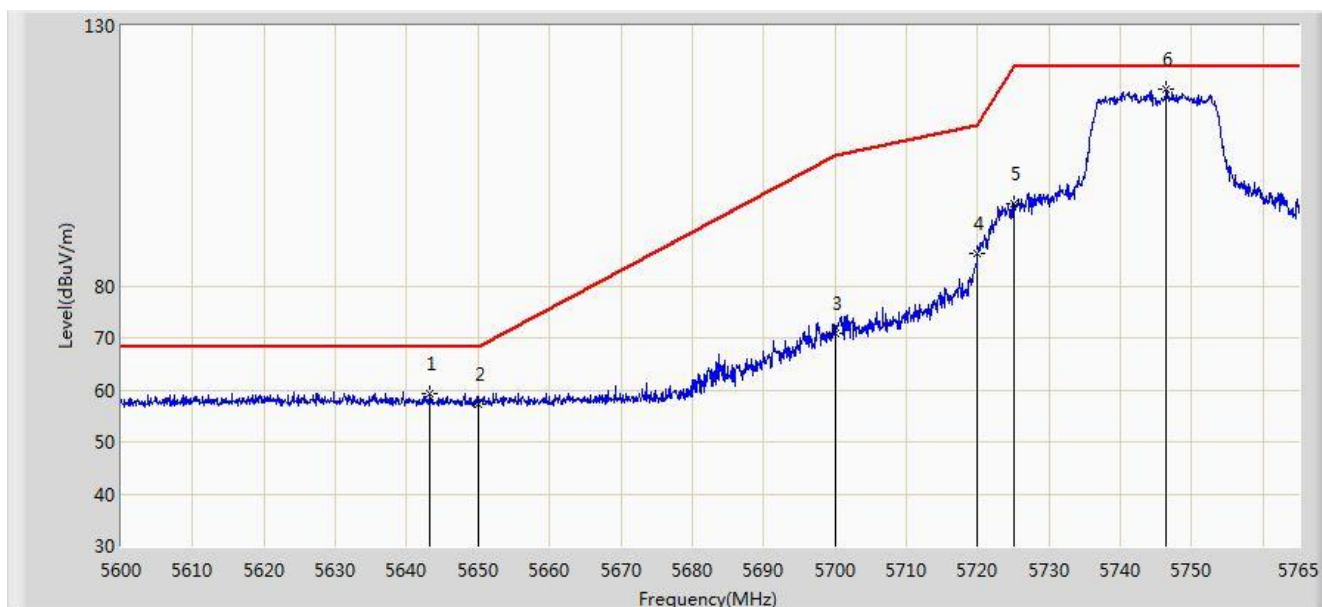


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.679                 | 48.510               | -1.321      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5178.265        | 98.717                 | 94.642               | N/A         | N/A            | 4.075       | 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: AC1                                                    | Time: 2017/12/10 - 15:17 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1 |                          |

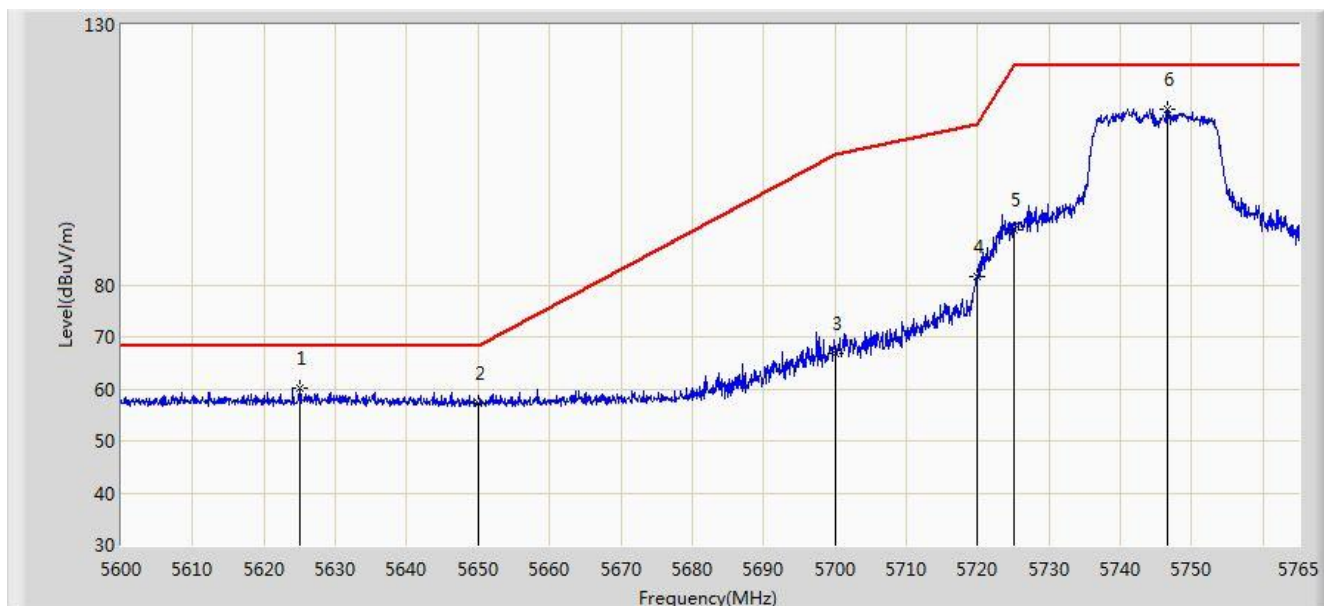


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5643.312        | 59.167                 | 54.518               | -9.033      | 68.200         | 4.649       | PK   |
| 2  |      |      | 5650.000        | 57.188                 | 52.517               | -11.012     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 70.767                 | 65.889               | -34.433     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 86.371                 | 81.374               | -24.429     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 95.702                 | 90.673               | -26.498     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5746.437        | 117.806                | 112.643              | N/A         | N/A            | 5.163       | 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: AC1                                                    | Time: 2017/12/10 - 15:19 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1 |                          |

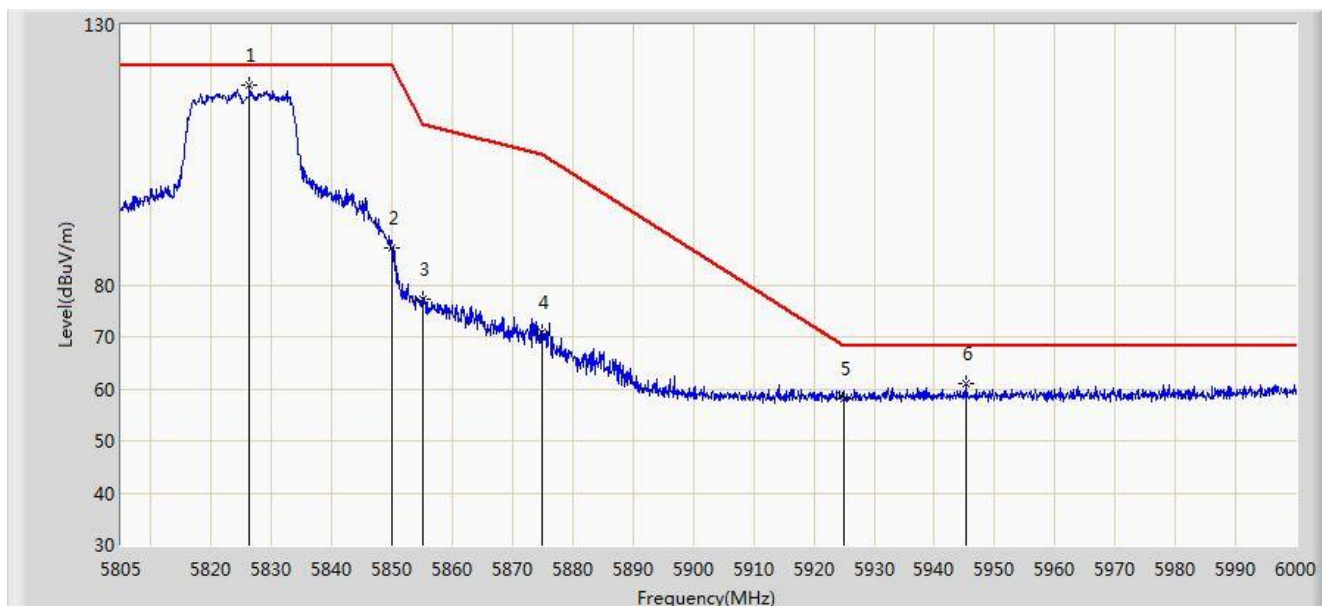


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5625.080        | 60.065                 | 55.470               | -8.135      | 68.200         | 4.595       | PK   |
| 2  |      |      | 5650.000        | 57.229                 | 52.558               | -10.971     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 66.862                 | 61.984               | -38.338     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 81.716                 | 76.719               | -29.084     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 90.723                 | 85.694               | -31.477     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5746.520        | 113.754                | 108.590              | N/A         | N/A            | 5.163       | 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: AC1                                                    | Time: 2017/12/10 - 15:20 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1 |                          |

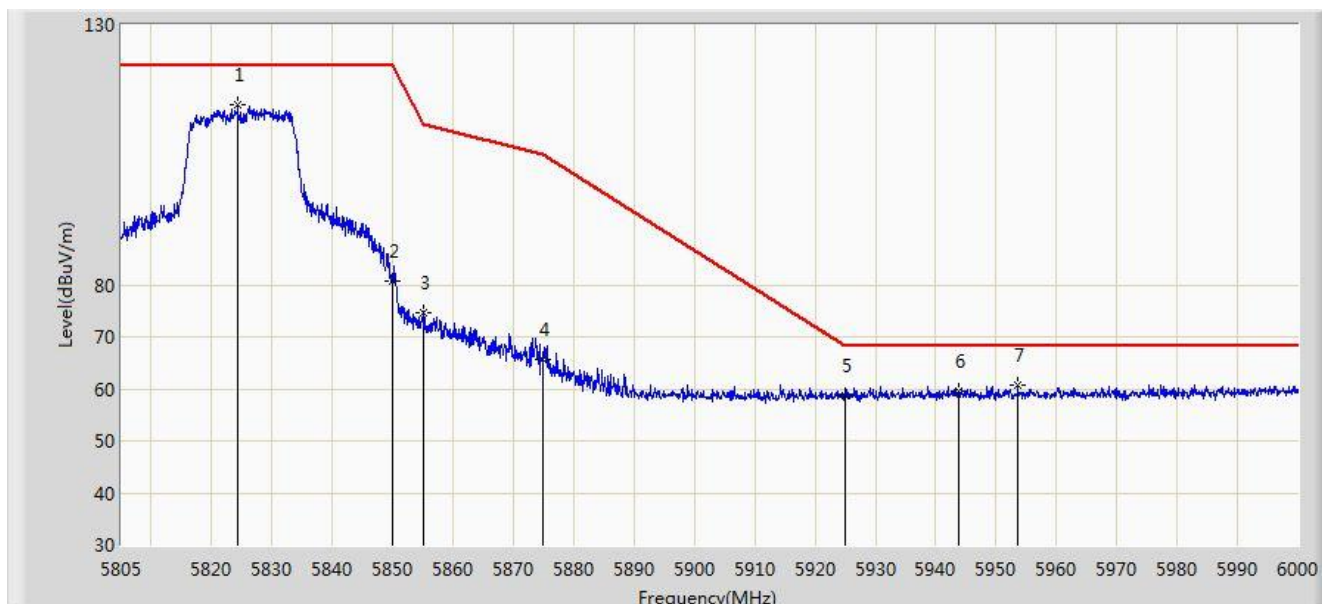


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5826.353        | 118.326                | 112.730              | N/A         | N/A            | 5.595       | PK   |
| 2  |      |      | 5850.000        | 87.005                 | 81.279               | -35.195     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 77.223                 | 71.477               | -33.577     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 70.995                 | 65.175               | -34.205     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.085                 | 52.119               | -10.115     | 68.200         | 5.967       | PK   |
| 6  |      |      | 5945.205        | 60.990                 | 54.974               | -7.210      | 68.200         | 6.016       | 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: AC1                                                    | Time: 2017/12/10 - 15:21 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Will Yan       |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1 |                          |

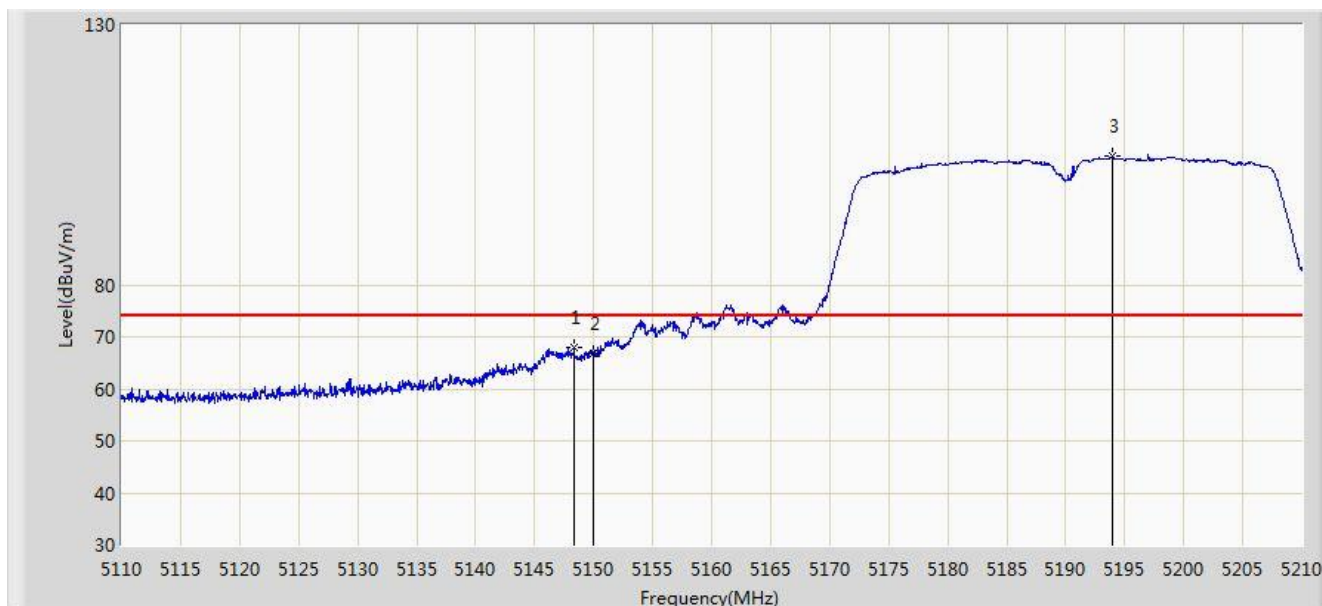


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      | *    | 5824.305        | 114.667                | 109.083              | N/A         | N/A            | 5.584       | PK   |
| 2  |      |      | 5850.000        | 80.813                 | 75.087               | -41.387     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 74.547                 | 68.801               | -36.253     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 65.540                 | 59.720               | -39.660     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.690                 | 52.724               | -9.510      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5943.840        | 59.468                 | 53.455               | -8.732      | 68.200         | 6.012       | PK   |
| 7  |      |      | 5953.590        | 60.604                 | 54.571               | -7.596      | 68.200         | 6.032       | 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: AC1                                                    | Time: 2017/12/10 - 15:31 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 |                          |



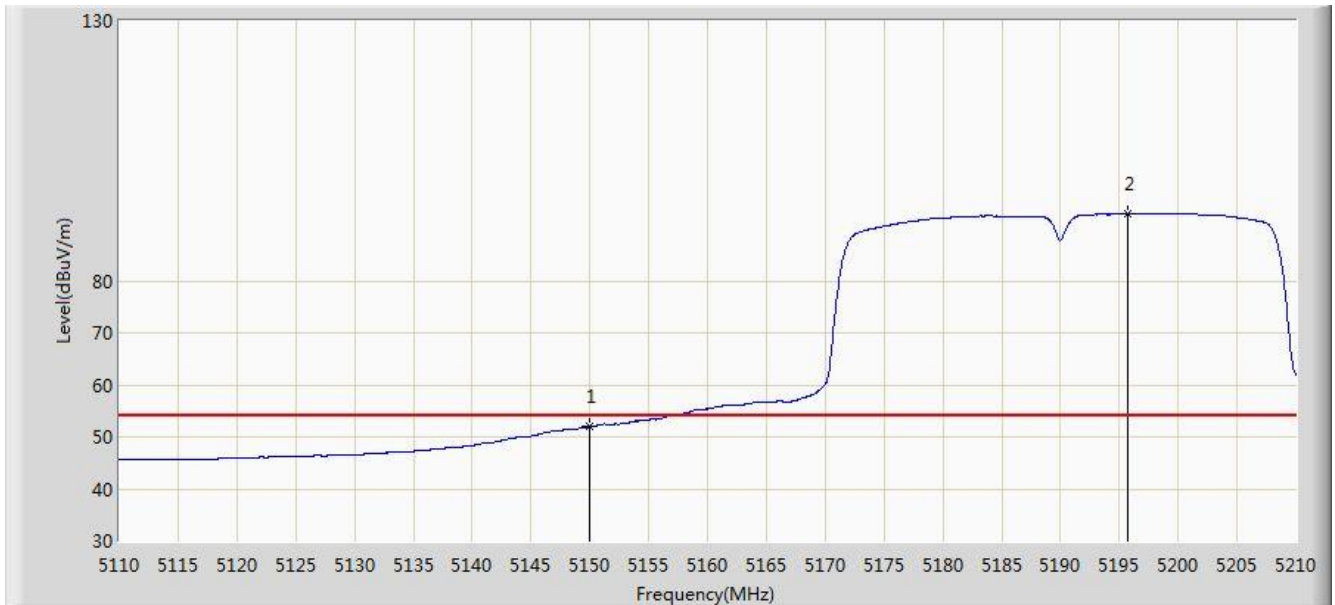
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5148.350        | 68.045                 | 63.871               | -5.955      | 74.000         | 4.174       | PK   |
| 2  |      |      | 5150.000        | 66.697                 | 62.528               | -7.303      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5193.950        | 104.704                | 100.685              | N/A         | N/A            | 4.019       | 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: AC1                                                    | Time: 2017/12/10 - 15:31 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 |                          |



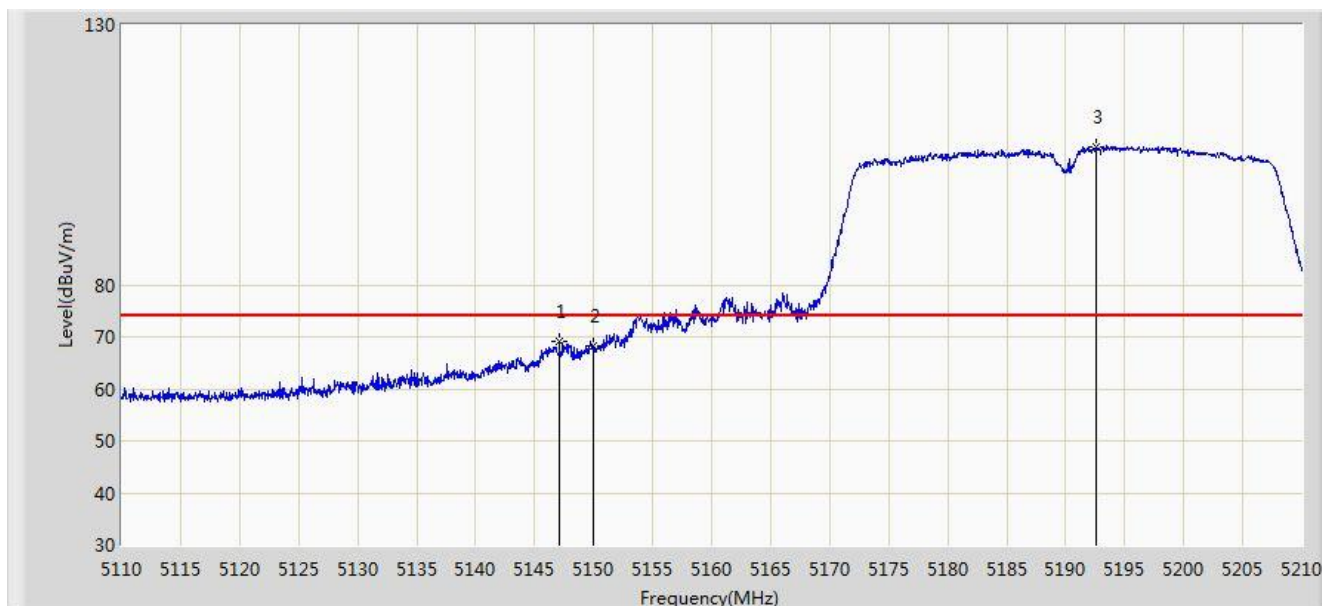
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 51.916                 | 47.747               | -2.084      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5195.750        | 92.890                 | 88.877               | N/A         | N/A            | 4.013       | 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: AC1                                                    | Time: 2017/12/10 - 15:33 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 |                          |

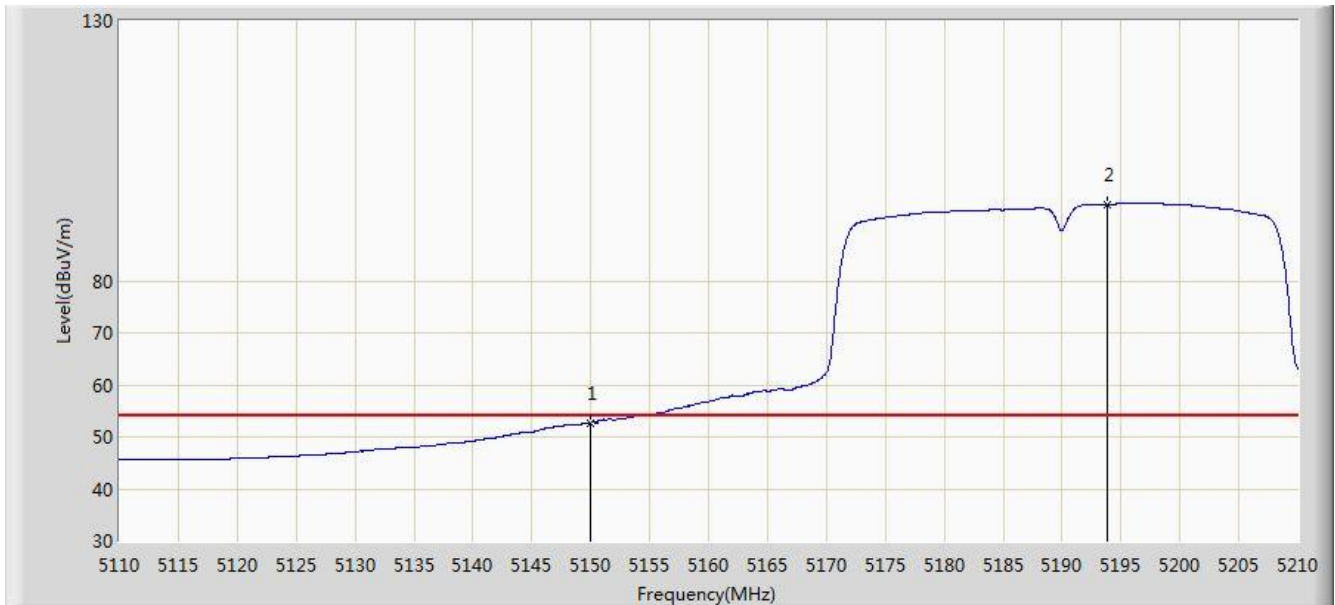


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5147.100        | 69.141                 | 64.965               | -4.859      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 68.371                 | 64.202               | -5.629      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5192.600        | 106.631                | 102.607              | N/A         | N/A            | 4.024       | 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: AC1                                                    | Time: 2017/12/10 - 15:35 |
| Limit: FCC_Part15.209_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1 |                          |

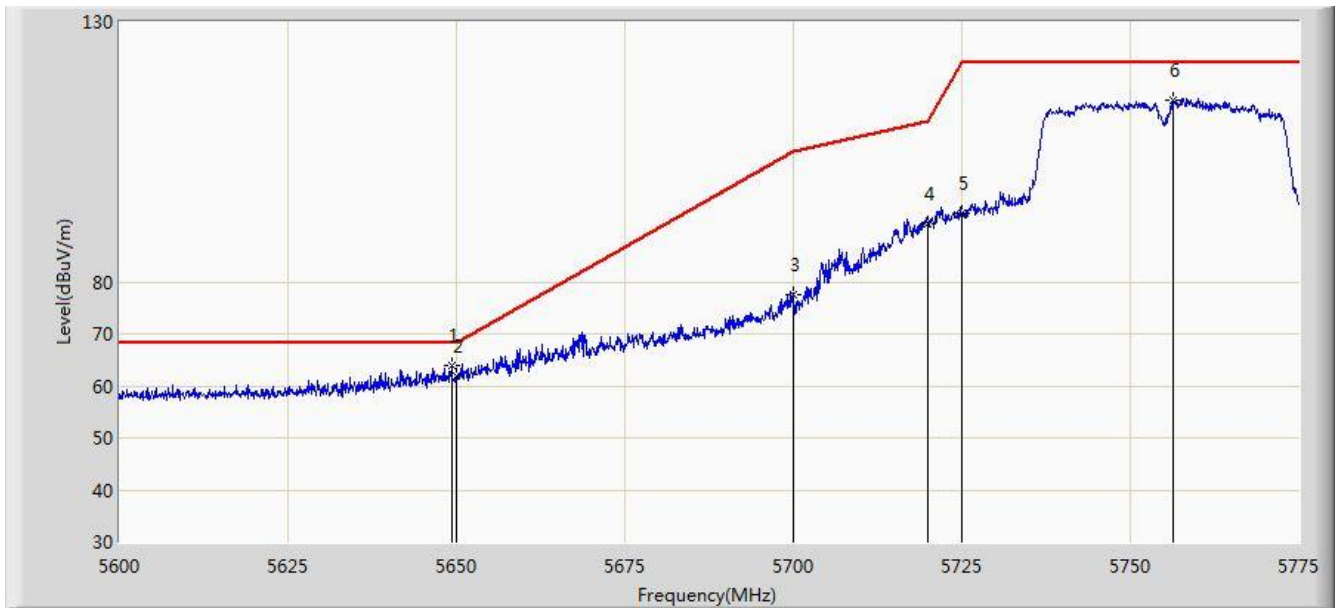


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.736                 | 48.567               | -1.264      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5193.800        | 94.770                 | 90.750               | N/A         | N/A            | 4.020       | 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: AC1                                                    | Time: 2017/12/10 - 16:47 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1 |                          |

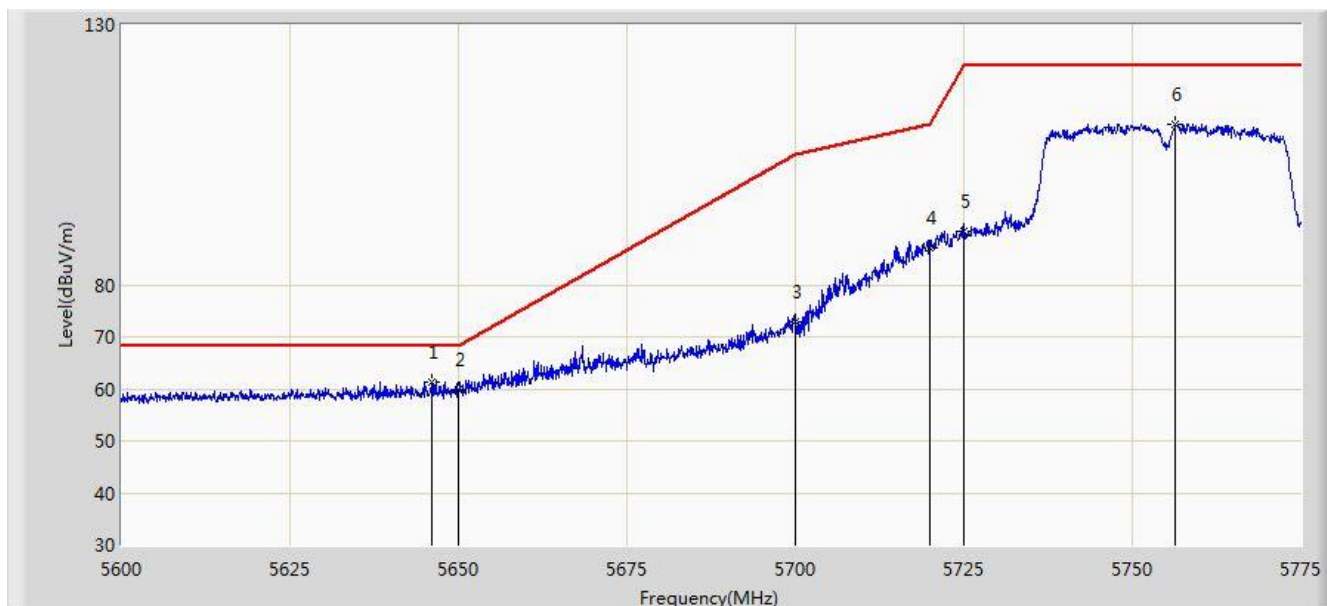


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5649.263        | 63.782                 | 59.113               | -4.418      | 68.200         | 4.669       | PK   |
| 2  |      |      | 5650.000        | 61.875                 | 57.204               | -6.325      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 77.451                 | 72.573               | -27.749     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 91.176                 | 86.179               | -19.624     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 93.295                 | 88.266               | -28.905     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5756.362        | 114.954                | 109.735              | N/A         | N/A            | 5.219       | 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: AC1                                                    | Time: 2017/12/10 - 16:49 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1 |                          |

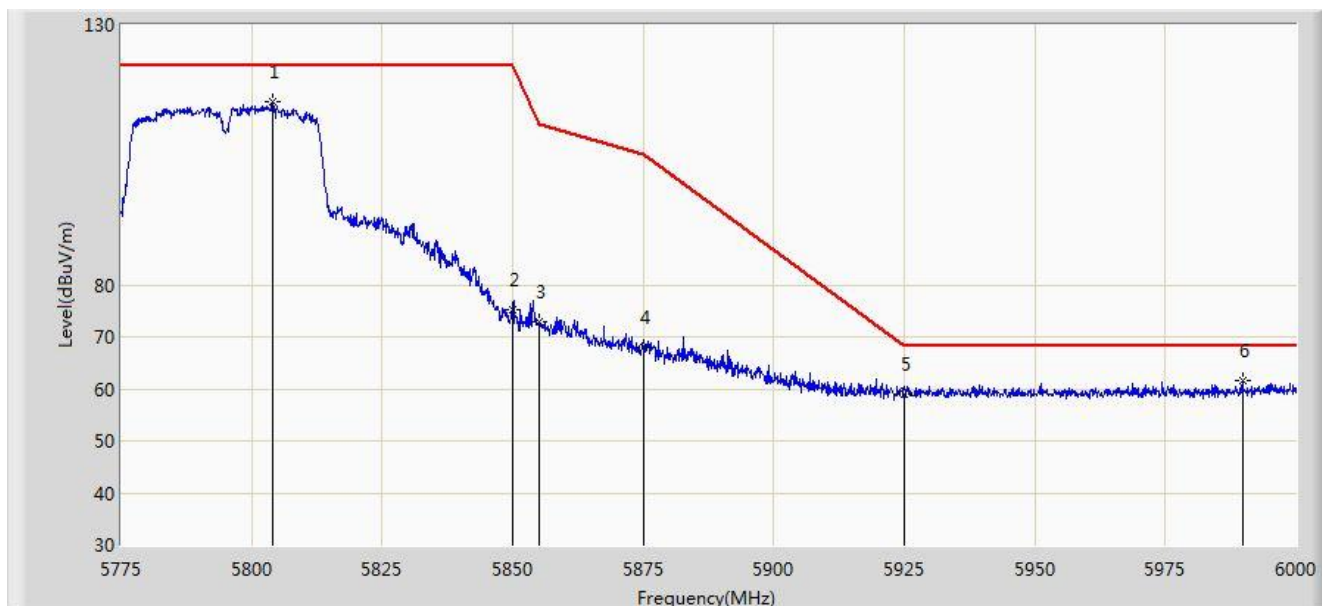


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5646.025        | 61.239                 | 56.581               | -6.961      | 68.200         | 4.658       | PK   |
| 2  |      |      | 5650.000        | 59.752                 | 55.081               | -8.448      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 72.850                 | 67.972               | -32.350     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 87.032                 | 82.035               | -23.768     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 90.232                 | 85.203               | -31.968     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5756.362        | 110.944                | 105.725              | N/A         | N/A            | 5.219       | 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: AC1                                                    | Time: 2017/12/10 - 16:52 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1 |                          |

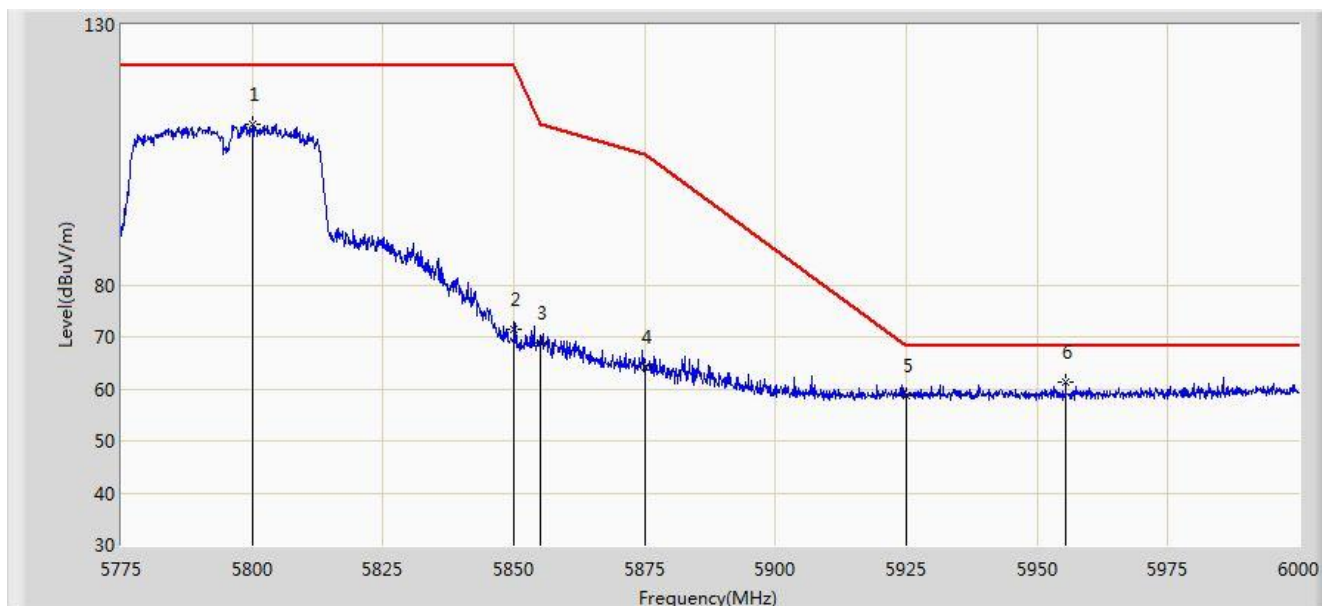


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5803.913        | 115.128                | 109.661              | N/A         | N/A            | 5.467       | PK   |
| 2  |      |      | 5850.000        | 75.217                 | 69.491               | -46.983     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 72.791                 | 67.045               | -38.009     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 67.969                 | 62.149               | -37.231     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.871                 | 52.905               | -9.329      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5989.763        | 61.603                 | 55.509               | -6.597      | 68.200         | 6.093       | 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: AC1                                                    | Time: 2017/12/10 - 16:53 |
| Limit: FCC_Part15.407_RE(3m)                                 | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                  | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                               | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1 |                          |

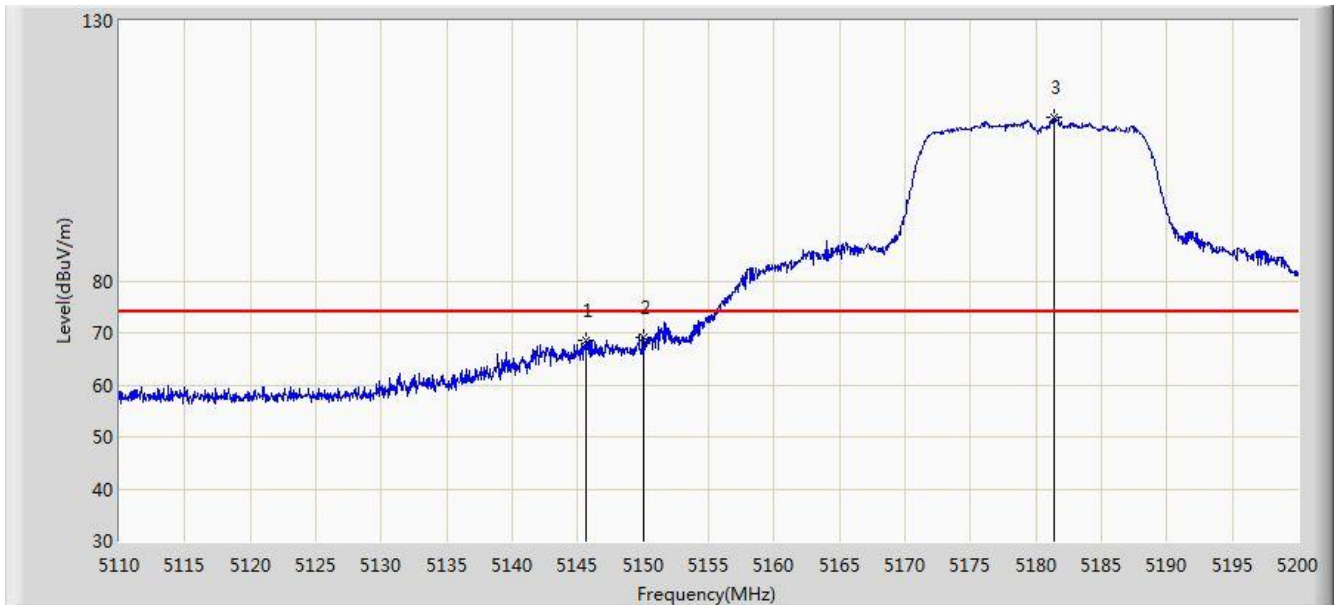


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5799.975        | 110.984                | 105.539              | N/A         | N/A            | 5.445       | PK   |
| 2  |      |      | 5850.000        | 71.579                 | 65.853               | -50.621     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 68.769                 | 63.023               | -42.031     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 64.277                 | 58.457               | -40.923     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.827                 | 52.861               | -9.373      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5955.450        | 61.268                 | 55.232               | -6.932      | 68.200         | 6.037       | 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: AC1                                                      | Time: 2017/12/10 - 16:59 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Will Yan       |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 |                          |

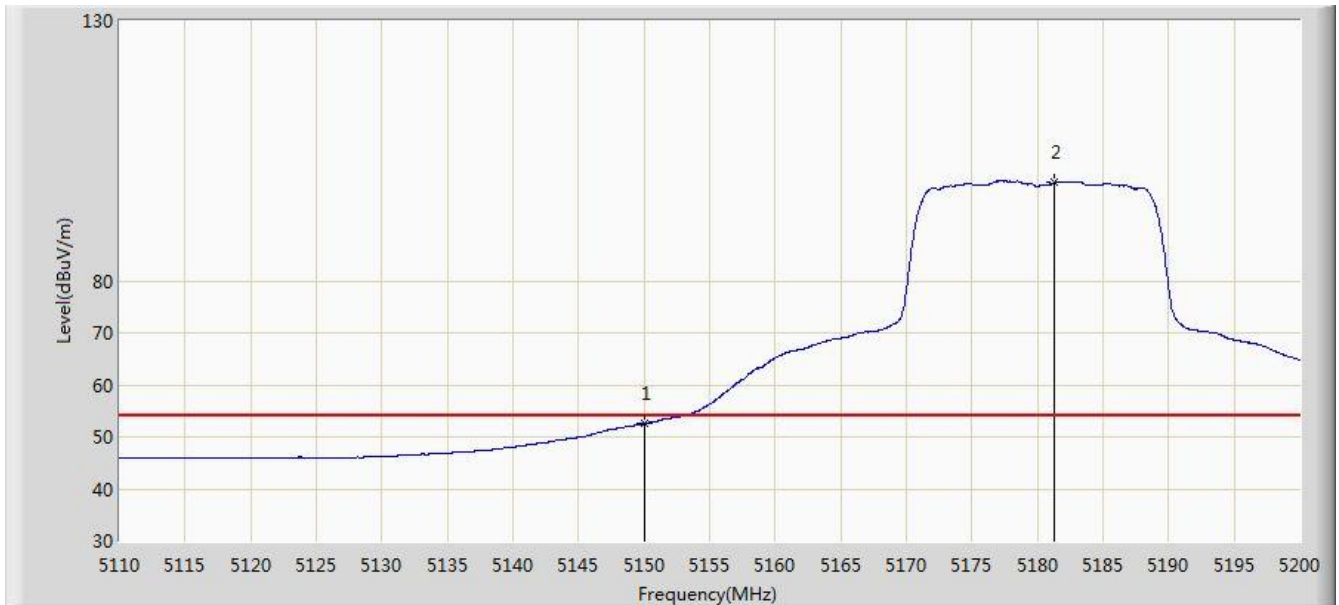


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5145.640        | 68.475                 | 64.299               | -5.525      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 69.168                 | 64.999               | -4.832      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5181.415        | 111.552                | 107.488              | N/A         | N/A            | 4.064       | 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: AC1                                                      | Time: 2017/12/10 - 16:58 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 |                          |



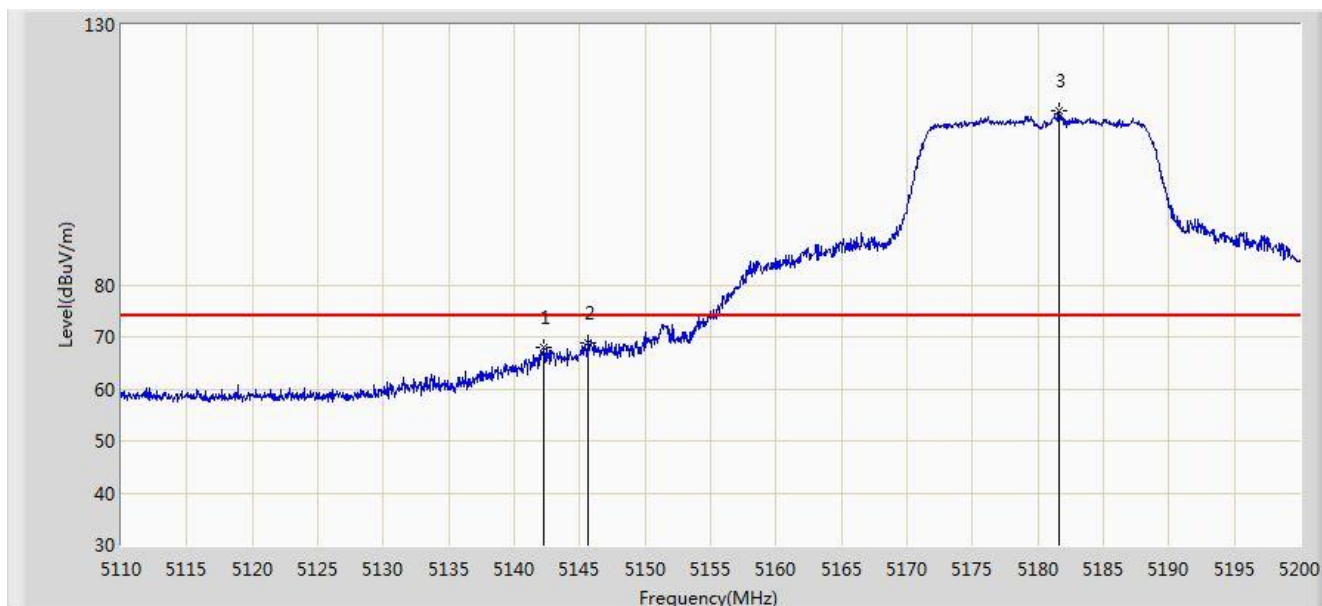
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.596                 | 48.427               | -1.404      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5181.235        | 98.855                 | 94.791               | N/A         | N/A            | 4.065       | 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: AC1                                                      | Time: 2017/12/10 - 17:00 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 |                          |

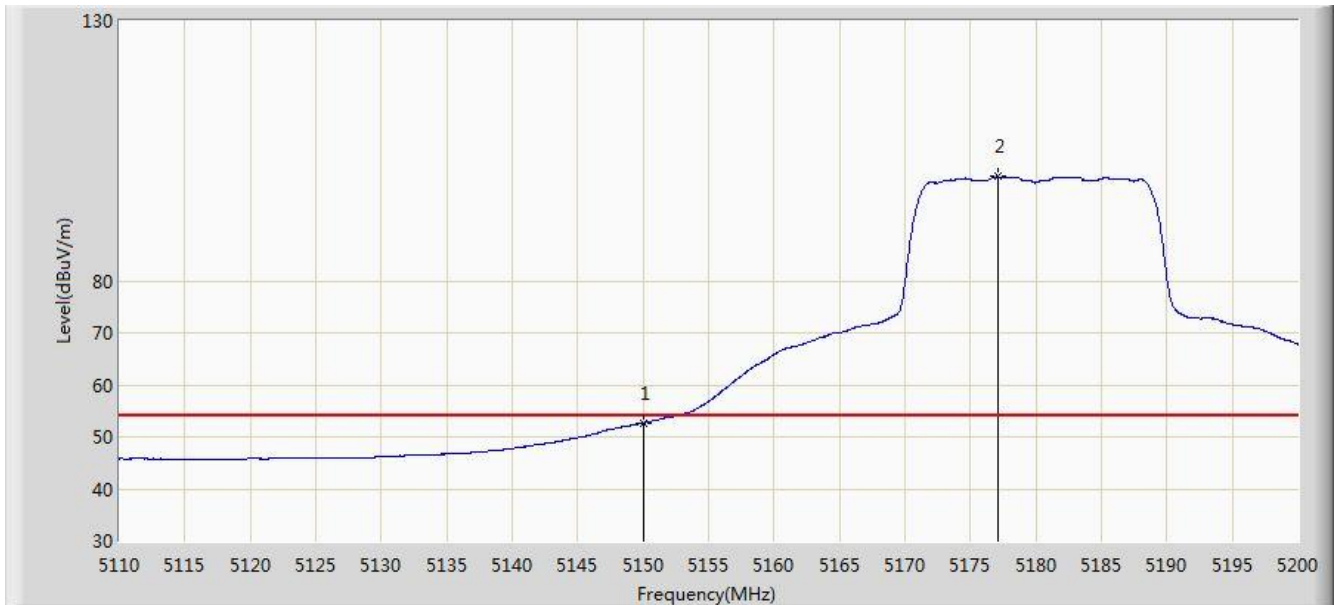


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5142.310        | 68.048                 | 63.872               | -5.952      | 74.000         | 4.175       | PK   |
| 2  |      |      | 5145.640        | 68.929                 | 64.753               | -5.071      | 74.000         | 4.176       | PK   |
| 3  |      |      | 5181.595        | 113.351                | 109.288              | N/A         | N/A            | 4.063       | 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: AC1                                                      | Time: 2017/12/10 - 17:02 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1 |                          |

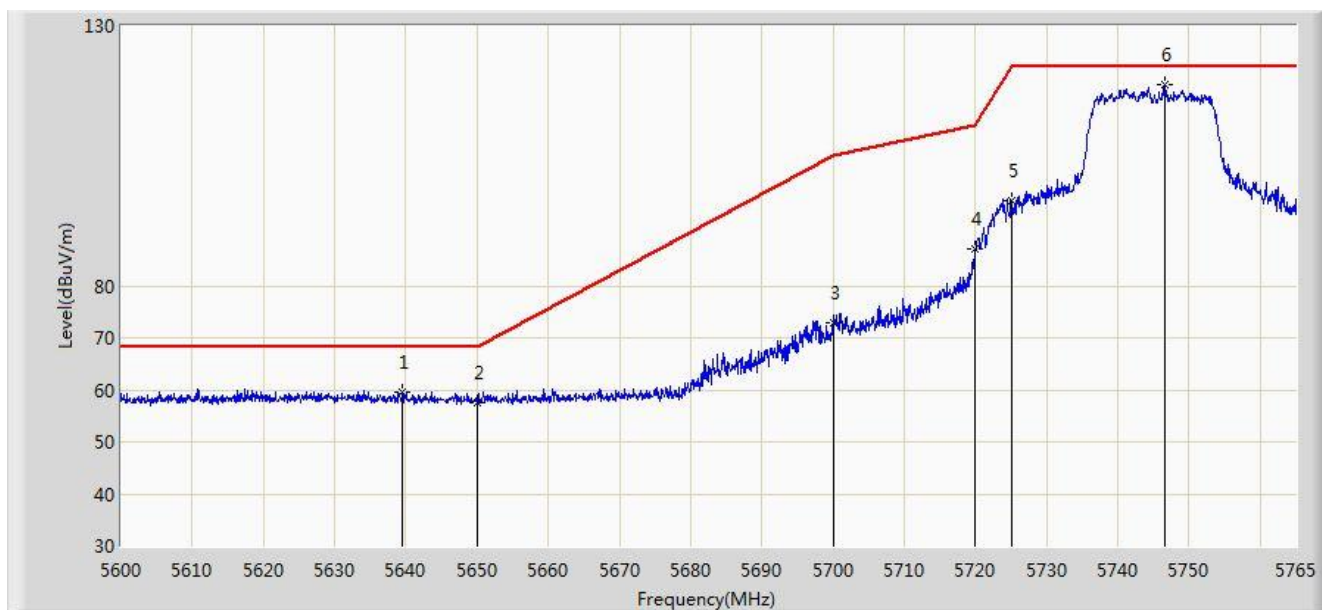


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.661                 | 48.492               | -1.339      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5177.095        | 100.038                | 95.959               | N/A         | N/A            | 4.080       | 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: AC1                                                      | Time: 2017/12/10 - 17:28 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1 |                          |

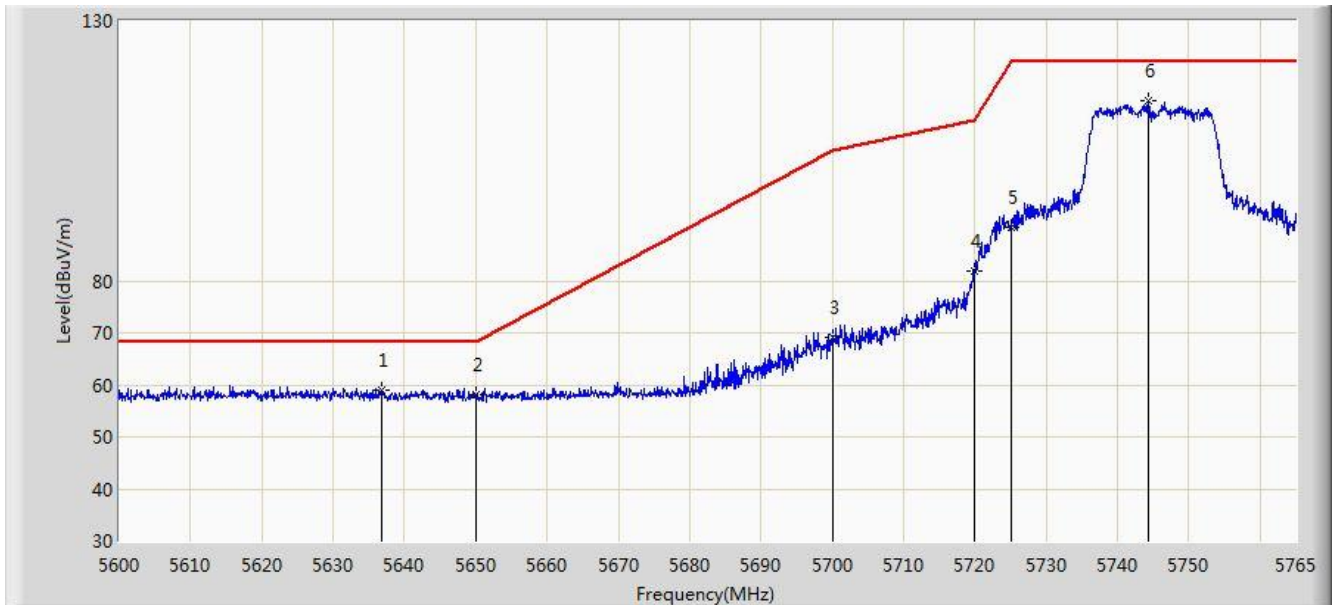


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5639.518        | 59.685                 | 55.048               | -8.515      | 68.200         | 4.637       | PK   |
| 2  |      |      | 5650.000        | 57.417                 | 52.746               | -10.783     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 72.980                 | 68.102               | -32.220     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 87.050                 | 82.053               | -23.750     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 96.291                 | 91.262               | -25.909     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5746.603        | 118.740                | 113.576              | N/A         | N/A            | 5.165       | 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: AC1                                                      | Time: 2017/12/10 - 17:30 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1 |                          |

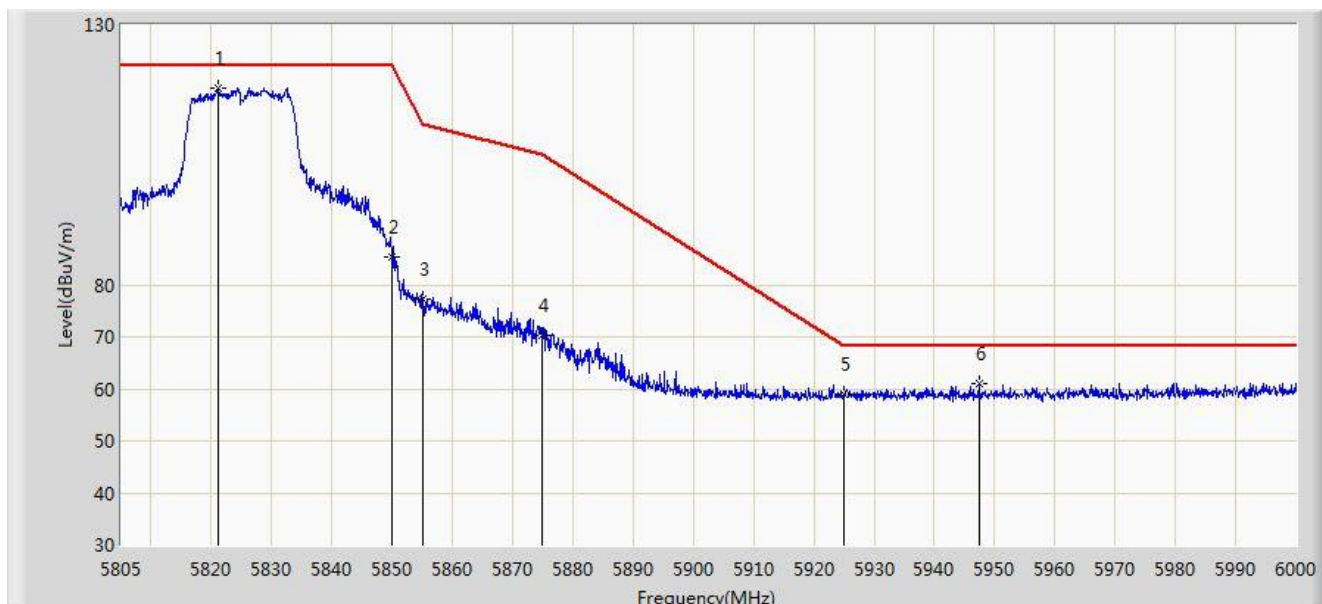


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5636.877        | 59.104                 | 54.475               | -9.096      | 68.200         | 4.628       | PK   |
| 2  |      |      | 5650.000        | 58.174                 | 53.503               | -10.026     | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 69.267                 | 64.389               | -35.933     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 81.988                 | 76.991               | -28.812     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 90.413                 | 85.384               | -31.787     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5744.292        | 114.495                | 109.344              | N/A         | N/A            | 5.151       | 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: AC1                                                      | Time: 2017/12/10 - 17:32 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1 |                          |

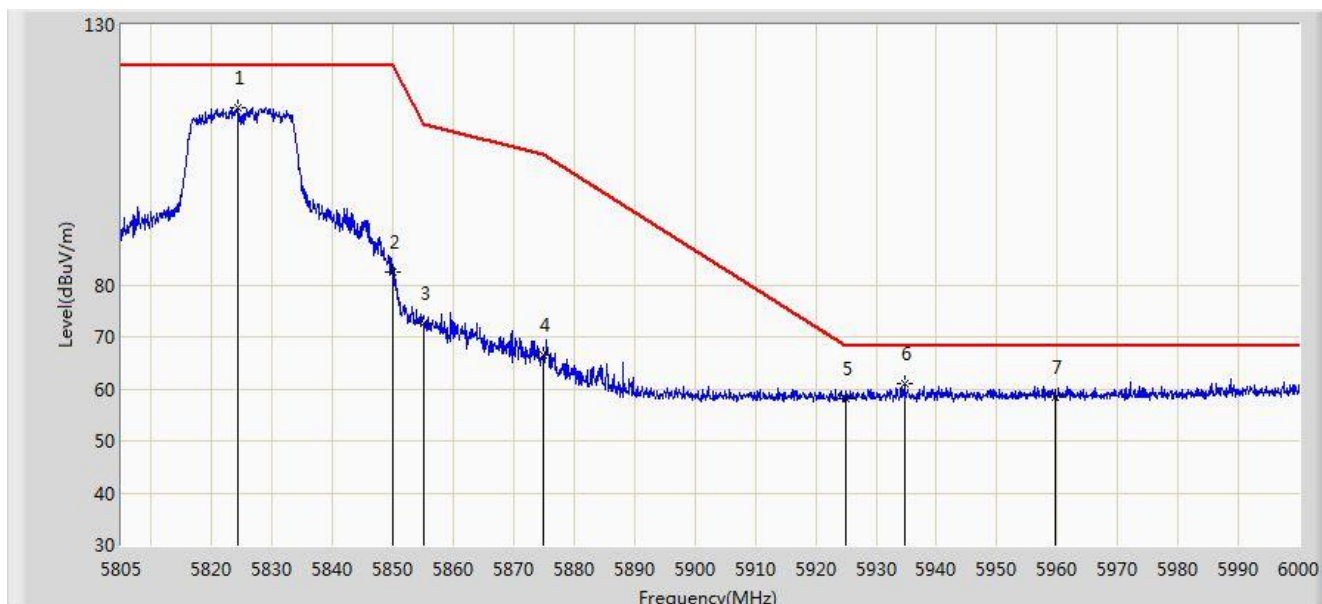


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5821.087        | 117.793                | 112.228              | N/A         | N/A            | 5.565       | PK   |
| 2  |      |      | 5850.000        | 85.303                 | 79.577               | -36.897     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 77.329                 | 71.583               | -33.471     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 70.415                 | 64.595               | -34.785     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.958                 | 52.992               | -9.242      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5947.350        | 61.032                 | 55.011               | -7.168      | 68.200         | 6.021       | 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: AC1                                                      | Time: 2017/12/10 - 17:33 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Will Yan       |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1 |                          |

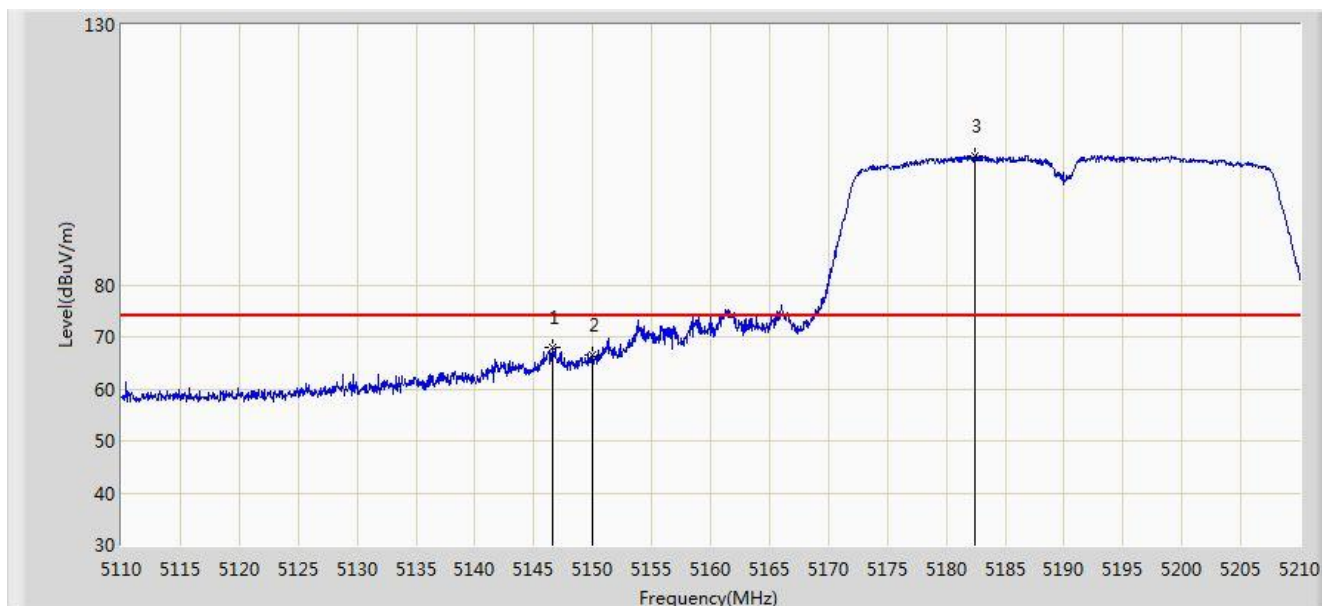


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5824.402        | 114.140                | 108.556              | N/A         | N/A            | 5.585       | PK   |
| 2  |      |      | 5850.000        | 82.357                 | 76.631               | -39.843     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 72.610                 | 66.864               | -38.190     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 66.482                 | 60.662               | -38.718     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.217                 | 52.251               | -9.983      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5934.675        | 61.030                 | 55.039               | -7.170      | 68.200         | 5.991       | PK   |
| 7  |      |      | 5959.732        | 58.532                 | 52.489               | -9.668      | 68.200         | 6.043       | 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: AC1                                                      | Time: 2017/12/10 - 17:45 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 |                          |



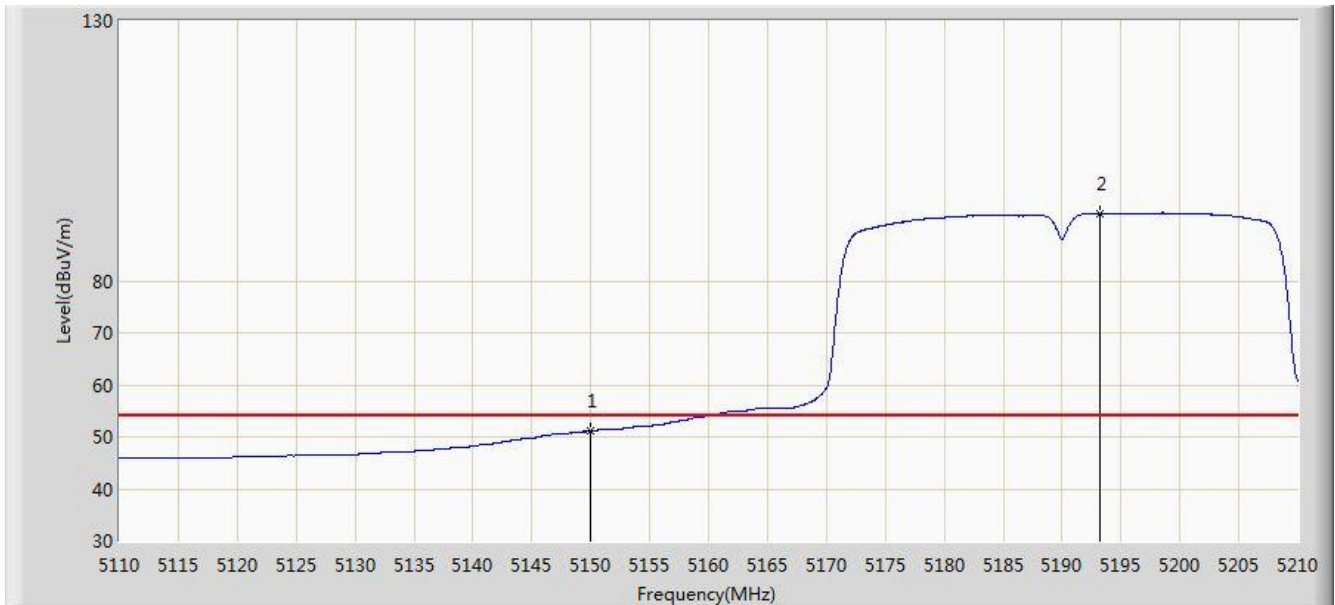
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5146.600        | 68.039                 | 63.863               | -5.961      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 66.396                 | 62.227               | -7.604      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5182.450        | 104.851                | 100.791              | 30.851      | N/A            | N/A         | 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: AC1                                                      | Time: 2017/12/10 - 17:46 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 |                          |



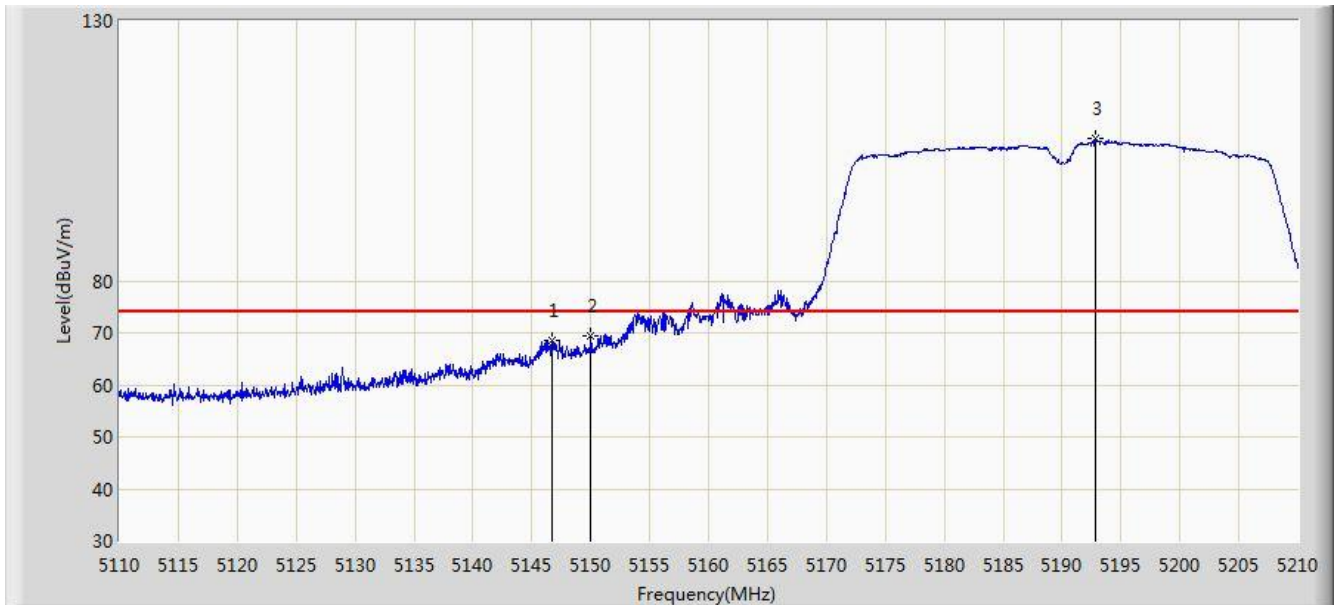
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 51.078                 | 46.909               | -2.922      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5193.200        | 92.892                 | 88.870               | N/A         | N/A            | 4.023       | 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: AC1                                                      | Time: 2017/12/10 - 17:44 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 |                          |

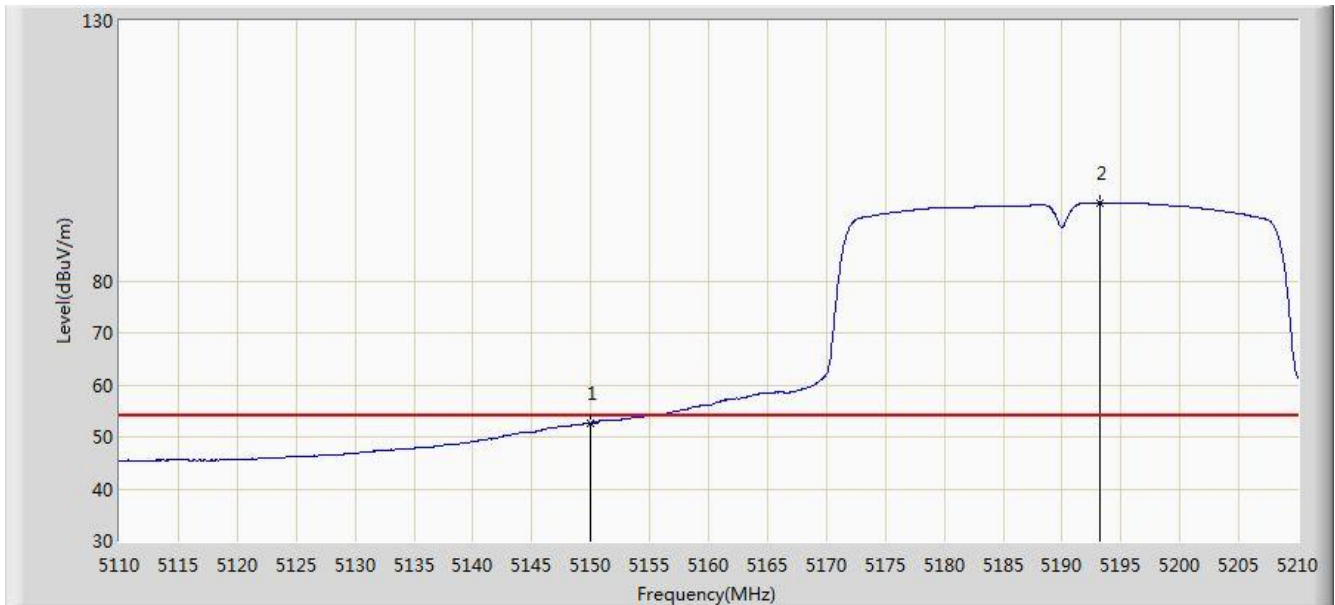


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5146.750        | 68.477                 | 64.301               | -5.523      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 69.303                 | 65.134               | -4.697      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5192.800        | 107.414                | 103.391              | N/A         | N/A            | 4.023       | 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: AC1                                                      | Time: 2017/12/10 - 17:44 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1 |                          |

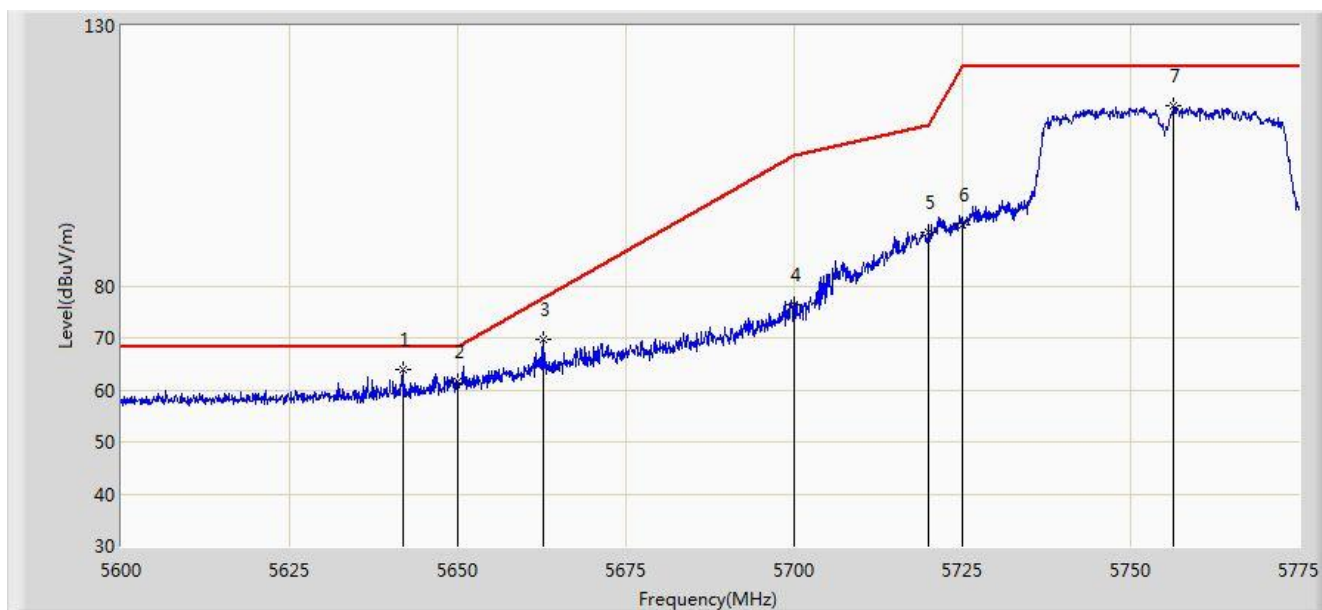


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.663                 | 48.494               | -1.337      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5193.200        | 95.063                 | 91.041               | N/A         | N/A            | 4.023       | 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: AC1                                                      | Time: 2017/12/10 - 18:08 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1 |                          |

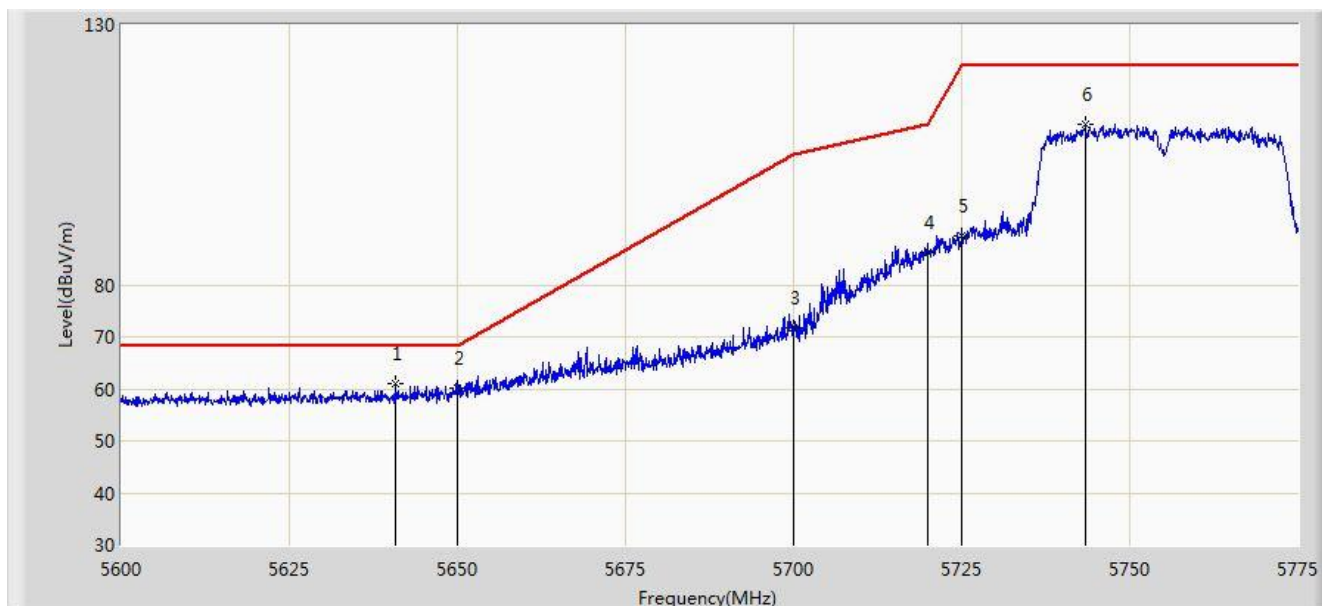


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5641.825        | 63.930                 | 59.286               | -4.270      | 68.200         | 4.644       | PK   |
| 2  |      |      | 5650.000        | 61.494                 | 56.823               | -6.706      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5662.737        | 69.773                 | 65.055               | -7.884      | 77.656         | 4.718       | PK   |
| 4  |      |      | 5700.000        | 76.249                 | 71.371               | -28.951     | 105.200        | 4.878       | PK   |
| 5  |      |      | 5720.000        | 90.348                 | 85.351               | -20.452     | 110.800        | 4.997       | PK   |
| 6  |      |      | 5725.000        | 91.697                 | 86.668               | -30.503     | 122.200        | 5.029       | PK   |
| 7  |      |      | 5756.450        | 114.711                | 109.491              | N/A         | N/A            | 5.220       | 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: AC1                                                      | Time: 2017/12/10 - 18:09 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1 |                          |

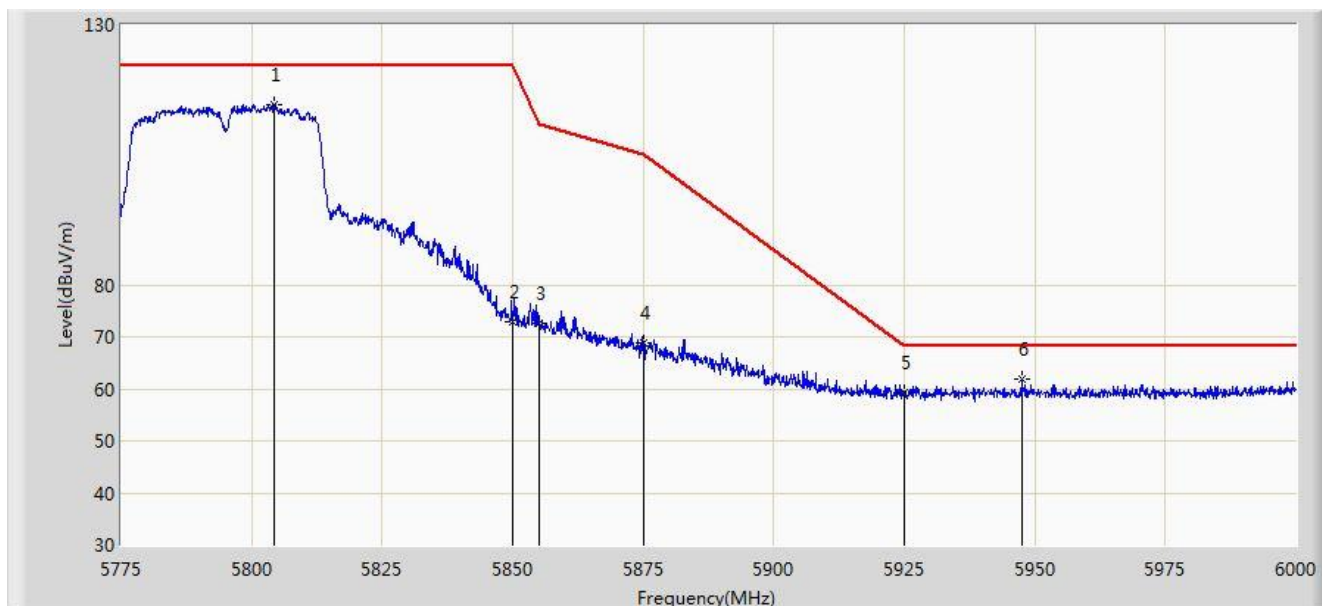


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5640.687        | 61.045                 | 56.405               | -7.155      | 68.200         | 4.641       | PK   |
| 2  |      |      | 5650.000        | 60.060                 | 55.389               | -8.140      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 71.825                 | 66.947               | -33.375     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 86.143                 | 81.146               | -24.657     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 89.494                 | 84.465               | -32.706     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5743.413        | 110.913                | 105.767              | N/A         | N/A            | 5.145       | 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: AC1                                                      | Time: 2017/12/10 - 18:10 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1 |                          |

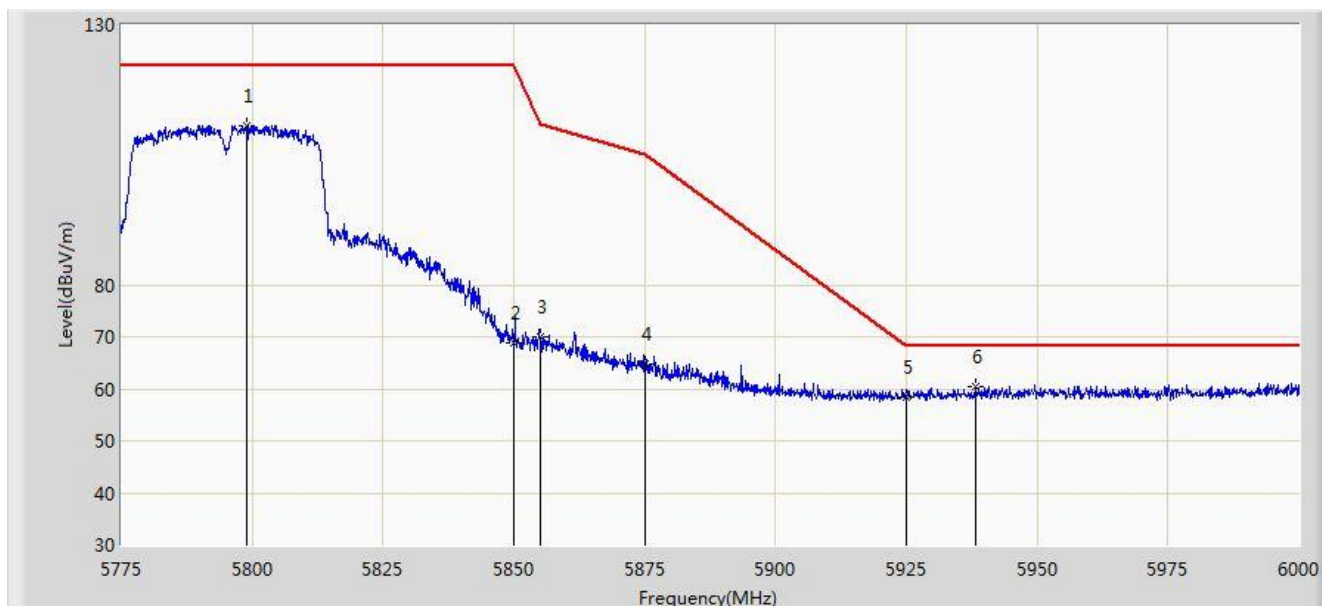


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5804.250        | 114.696                | 109.227              | N/A         | N/A            | 5.469       | PK   |
| 2  |      |      | 5850.000        | 72.880                 | 67.154               | -49.320     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 72.741                 | 66.995               | -38.059     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 68.954                 | 63.134               | -36.246     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 59.384                 | 53.418               | -8.816      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5947.462        | 61.881                 | 55.860               | -6.319      | 68.200         | 6.021       | 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: AC1                                                      | Time: 2017/12/10 - 18:12 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1 |                          |

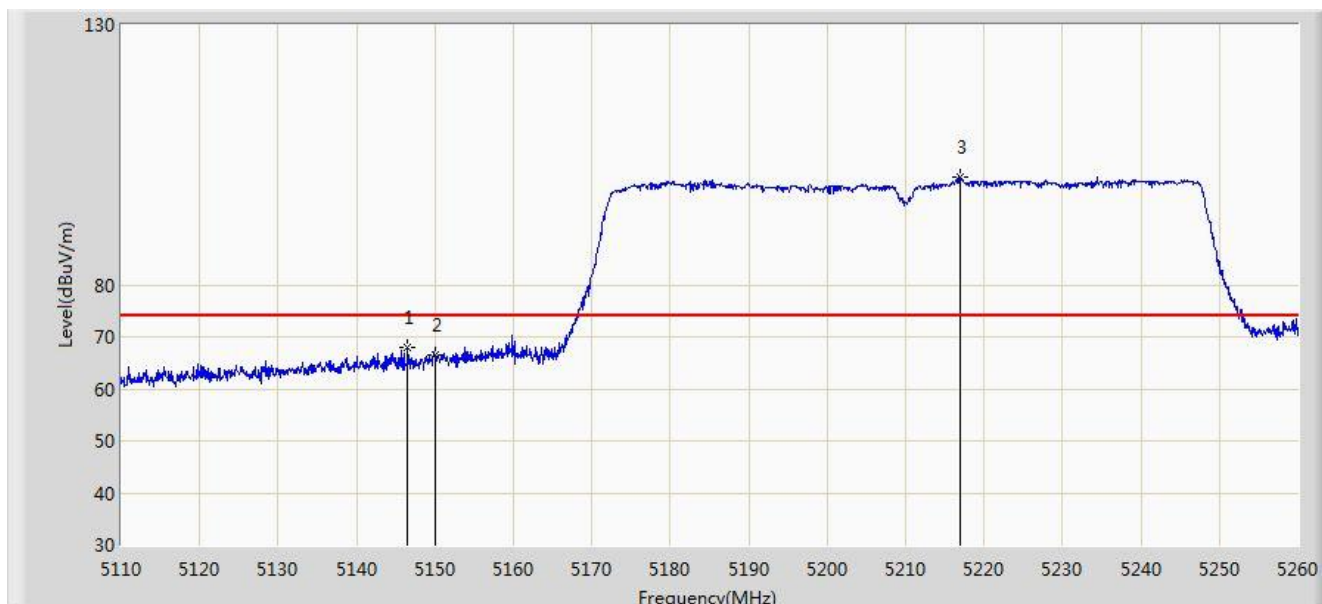


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5799.075        | 110.637                | 105.197              | N/A         | N/A            | 5.440       | PK   |
| 2  |      |      | 5850.000        | 68.822                 | 63.096               | -53.378     | 122.200        | 5.726       | PK   |
| 3  |      |      | 5855.000        | 69.883                 | 64.137               | -40.917     | 110.800        | 5.746       | PK   |
| 4  |      |      | 5875.000        | 64.827                 | 59.007               | -40.373     | 105.200        | 5.820       | PK   |
| 5  |      |      | 5925.000        | 58.440                 | 52.474               | -9.760      | 68.200         | 5.967       | PK   |
| 6  |      |      | 5938.237        | 60.485                 | 54.486               | -7.715      | 68.200         | 5.998       | 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: AC1                                                      | Time: 2017/12/10 - 18:18 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 |                          |

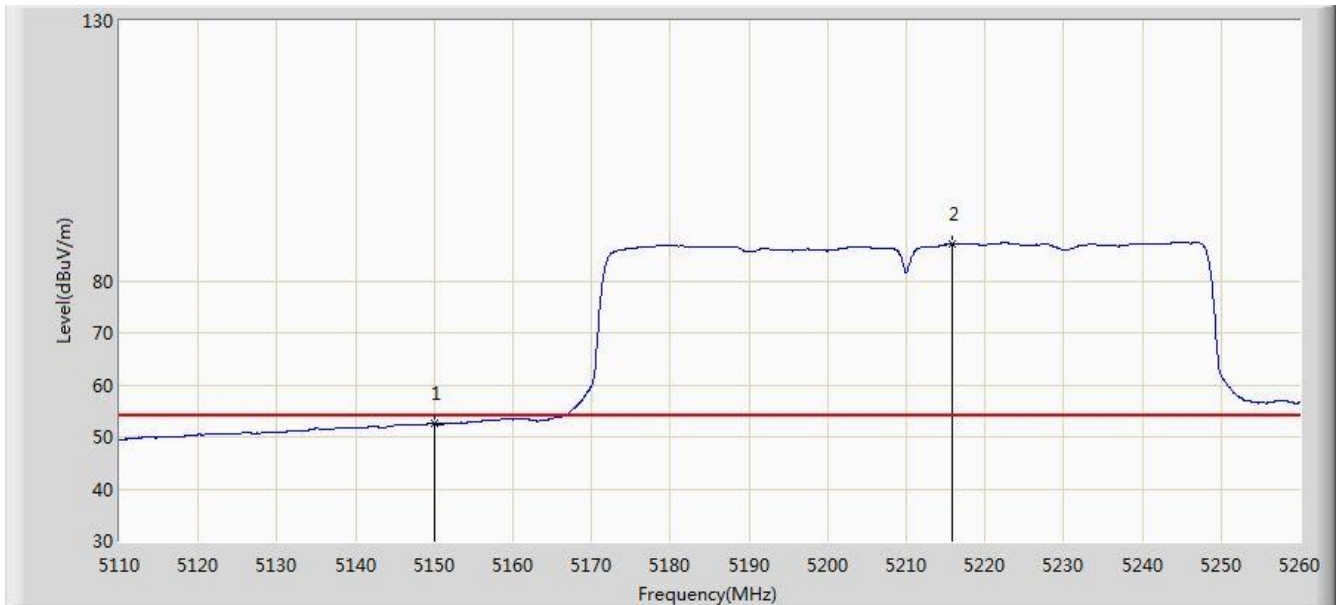


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5146.525        | 67.900                 | 63.724               | -6.100      | 74.000         | 4.176       | PK   |
| 2  |      |      | 5150.000        | 66.517                 | 62.348               | -7.483      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5216.875        | 100.763                | 96.815               | N/A         | N/A            | 3.947       | 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: AC1                                                      | Time: 2017/12/10 - 18:18 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 |                          |



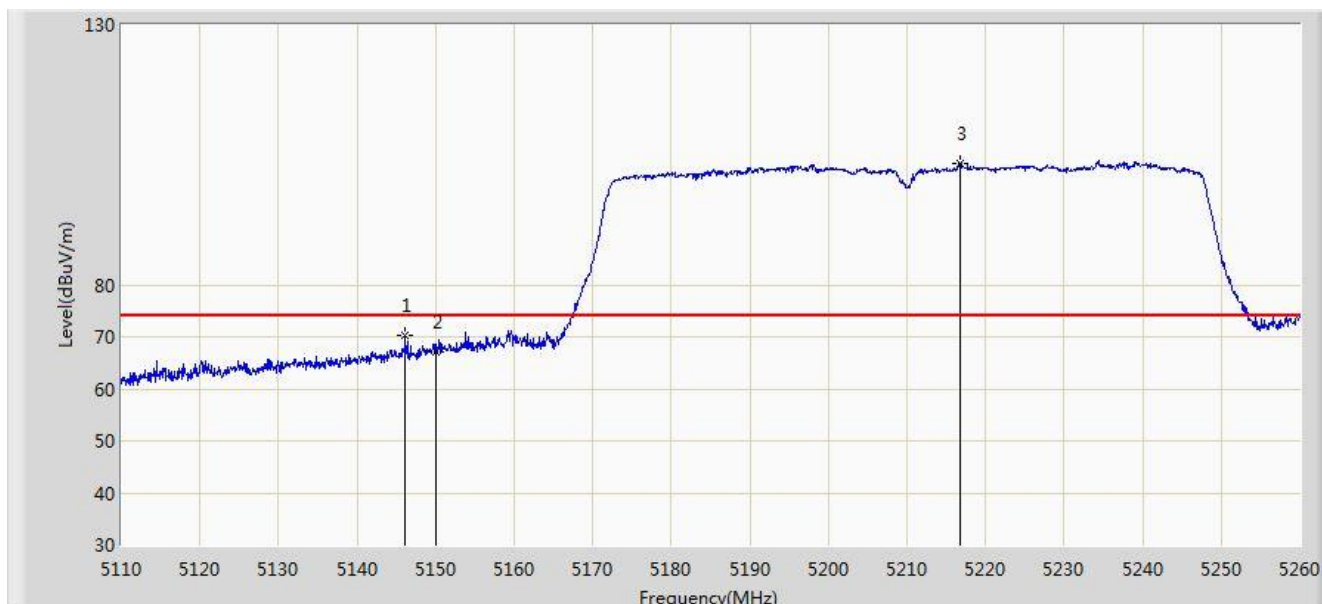
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 52.576                 | 48.407               | -1.424      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5215.825        | 87.115                 | 83.164               | N/A         | N/A            | 3.952       | 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: AC1                                                      | Time: 2017/12/10 - 18:19 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Will Yan       |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 |                          |

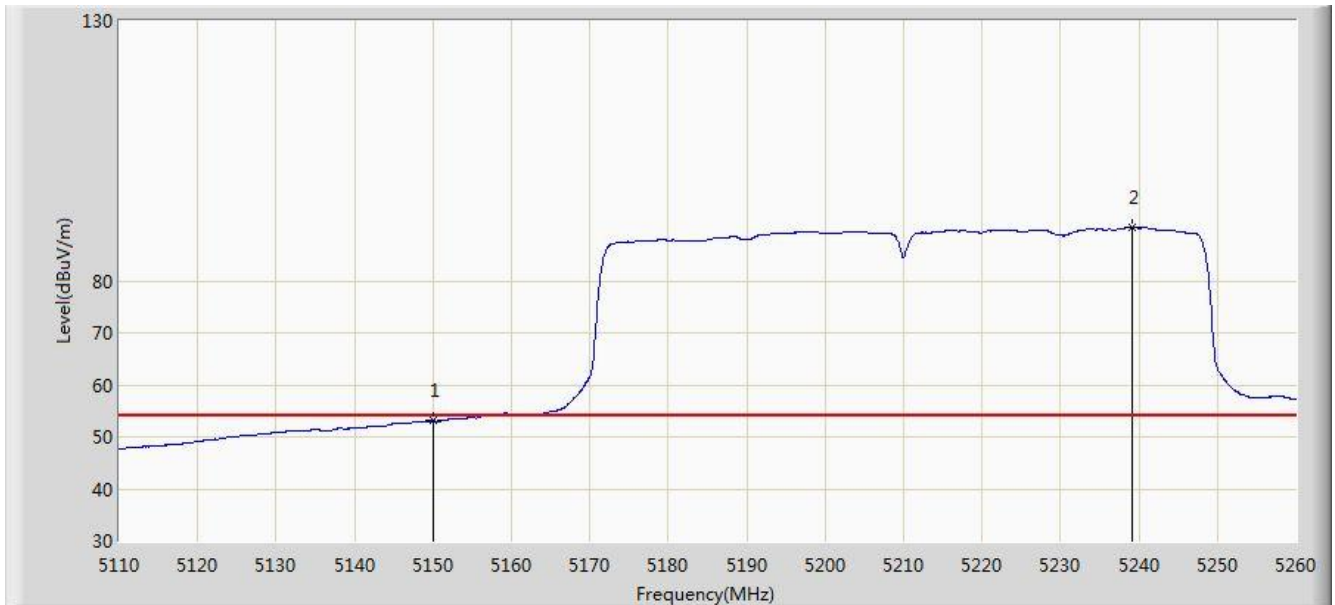


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5146.075        | 70.406                 | 66.230               | -3.594      | 74.000         | 4.175       | PK   |
| 2  |      |      | 5150.000        | 67.061                 | 62.892               | -6.939      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5216.725        | 103.459                | 99.510               | N/A         | N/A            | 3.949       | 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: AC1                                                      | Time: 2017/12/10 - 18:20 |
| Limit: FCC_Part15.209_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1 |                          |

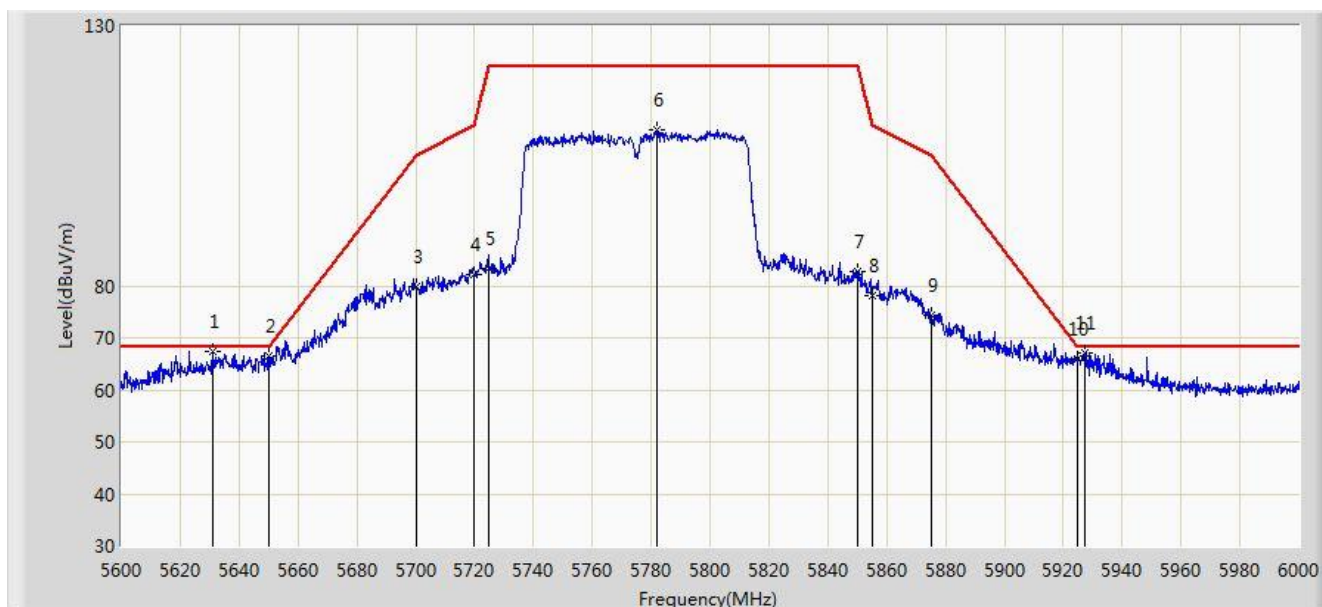


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.054                 | 48.885               | -0.946      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5239.150        | 90.284                 | 86.402               | N/A         | N/A            | 3.883       | 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: AC1                                                      | Time: 2017/12/10 - 18:35 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1 |                          |

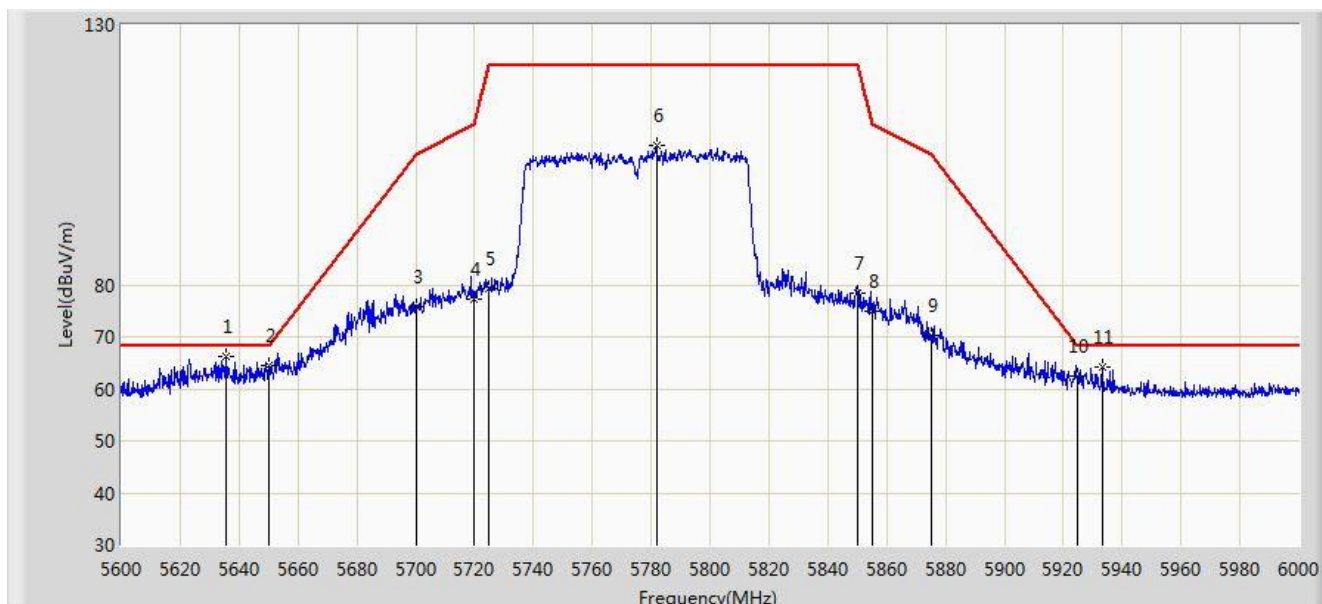


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5631.200        | 67.361                 | 62.748               | -0.839      | 68.200         | 4.613       | PK   |
| 2  |      |      | 5650.000        | 66.468                 | 61.797               | -1.732      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 79.968                 | 75.090               | -25.232     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 82.029                 | 77.032               | -28.771     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 83.272                 | 78.243               | -38.928     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5781.800        | 110.127                | 104.776              | N/A         | N/A            | 5.350       | PK   |
| 7  |      |      | 5850.000        | 82.638                 | 76.912               | -39.562     | 122.200        | 5.726       | PK   |
| 8  |      |      | 5855.000        | 78.148                 | 72.402               | -32.652     | 110.800        | 5.746       | PK   |
| 9  |      |      | 5875.000        | 74.219                 | 68.399               | -30.981     | 105.200        | 5.820       | PK   |
| 10 |      |      | 5925.000        | 65.882                 | 59.916               | -2.318      | 68.200         | 5.967       | PK   |
| 11 |      |      | 5927.200        | 67.186                 | 61.214               | -1.014      | 68.200         | 5.973       | 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: AC1                                                      | Time: 2017/12/10 - 18:37 |
| Limit: FCC_Part15.407_RE(3m)                                   | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                    | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                 | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1 |                          |

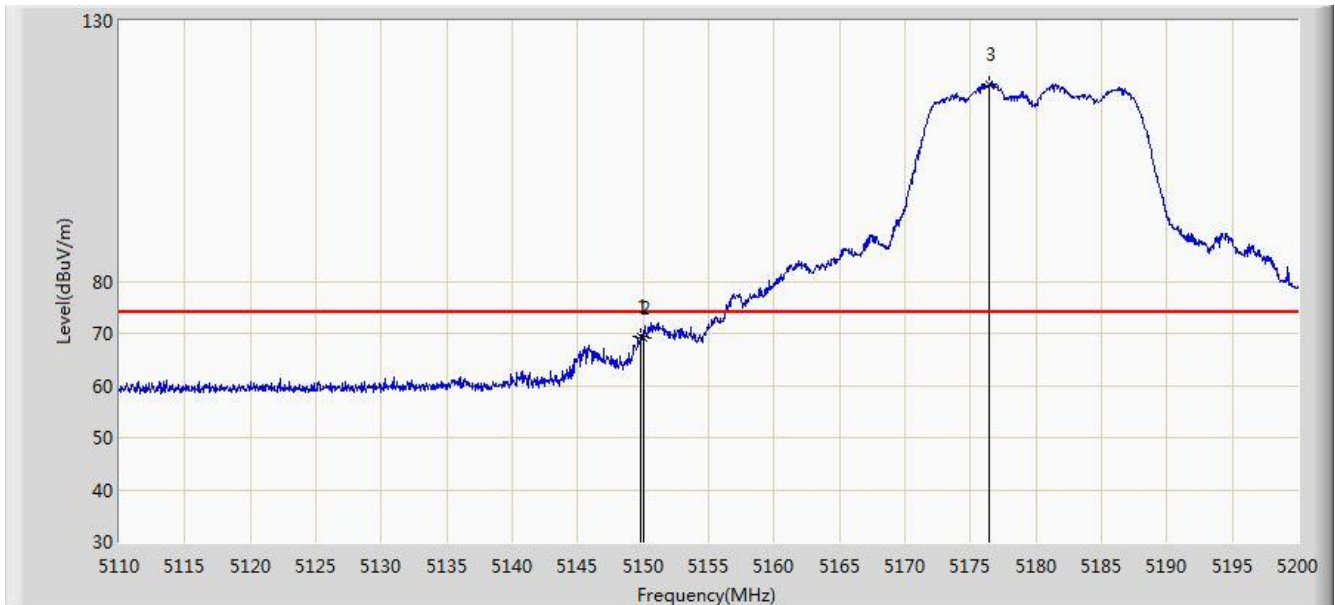


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5635.600        | 66.168                 | 61.543               | -2.032      | 68.200         | 4.625       | PK   |
| 2  |      |      | 5650.000        | 64.432                 | 59.761               | -3.768      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 75.857                 | 70.979               | -29.343     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 77.122                 | 72.125               | -33.678     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 79.303                 | 74.274               | -42.897     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5781.800        | 106.926                | 101.575              | N/A         | N/A            | 5.350       | PK   |
| 7  |      |      | 5850.000        | 78.424                 | 72.698               | -43.776     | 122.200        | 5.726       | PK   |
| 8  |      |      | 5855.000        | 74.892                 | 69.146               | -35.908     | 110.800        | 5.746       | PK   |
| 9  |      |      | 5875.000        | 70.345                 | 64.525               | -34.855     | 105.200        | 5.820       | PK   |
| 10 |      |      | 5925.000        | 62.566                 | 56.600               | -5.634      | 68.200         | 5.967       | PK   |
| 11 |      |      | 5933.200        | 64.106                 | 58.119               | -4.094      | 68.200         | 5.987       | 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: AC1                                                              | Time: 2017/12/11 - 16:16 |
| Limit: FCC_Part15.209_RE(3m)                                           | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                            | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                         | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode) |                          |

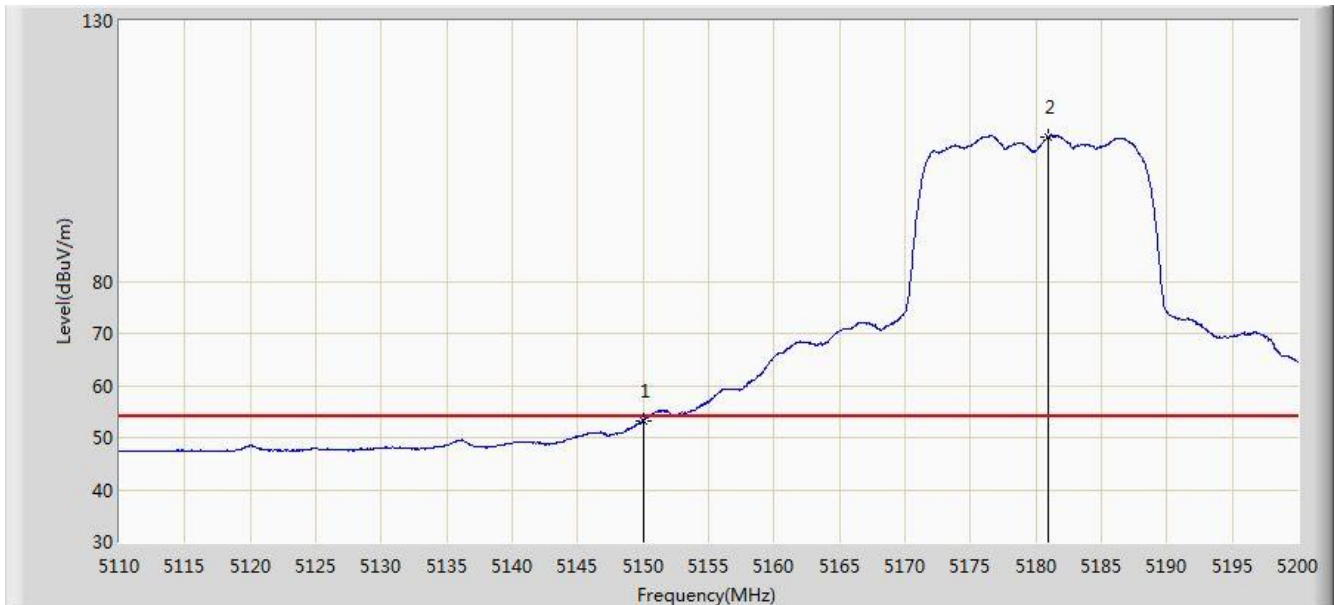


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5149.825        | 69.383                 | 65.213               | -4.617      | 74.000         | 4.170       | PK   |
| 2  |      |      | 5150.000        | 69.254                 | 65.085               | -4.746      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5176.465        | 117.927                | 113.846              | N/A         | N/A            | 4.081       | 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: AC1                                                              | Time: 2017/12/11 - 16:11 |
| Limit: FCC_Part15.209_RE(3m)                                           | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                            | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                         | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode) |                          |

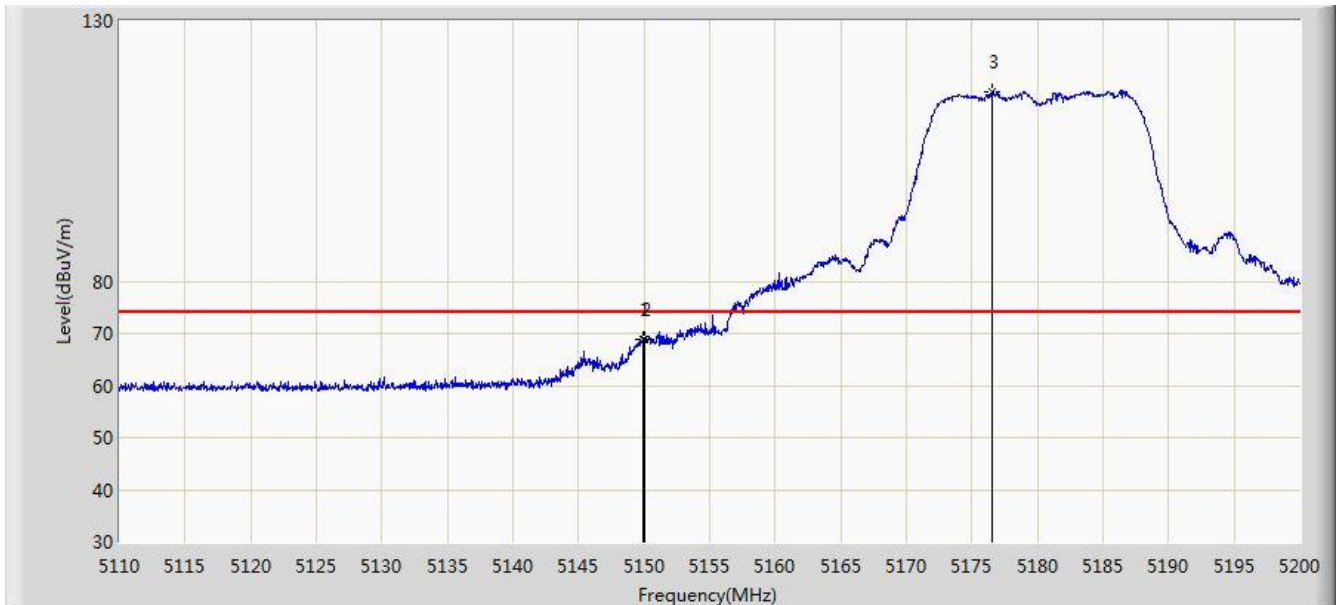


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.316                 | 49.147               | -0.684      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5180.965        | 107.808                | 103.743              | N/A         | N/A            | 4.066       | 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: AC1                                                              | Time: 2017/12/11 - 16:18 |
| Limit: FCC_Part15.209_RE(3m)                                           | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                            | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                         | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode) |                          |

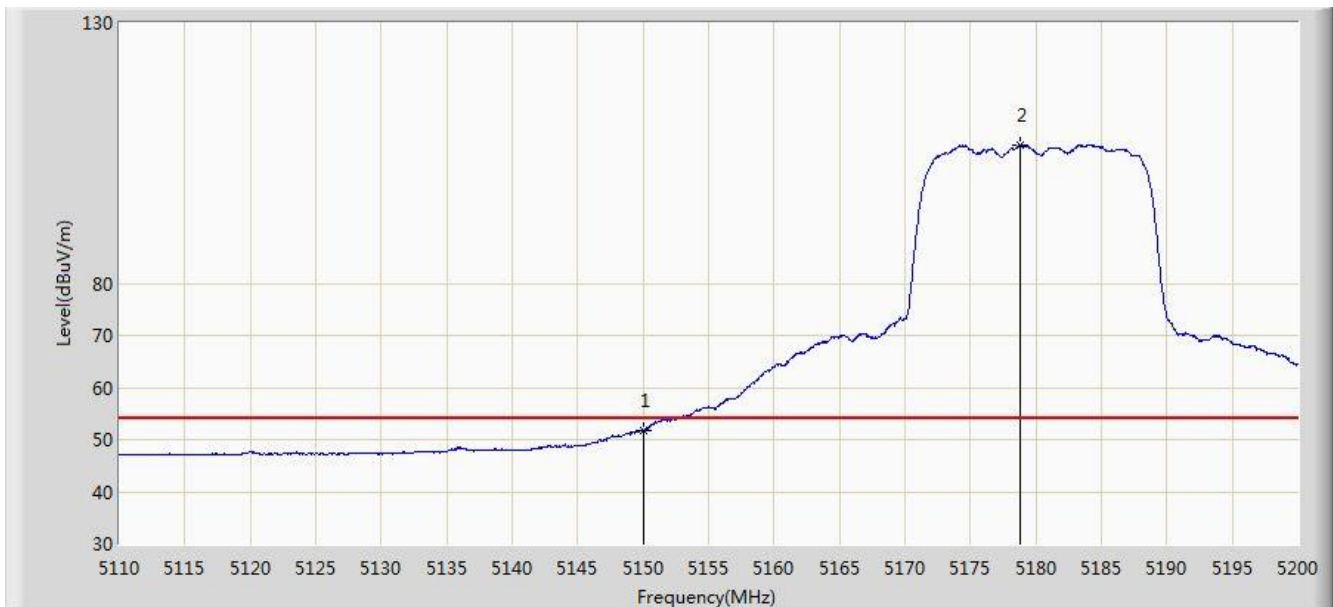


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5149.870        | 68.879                 | 64.709               | -5.121      | 74.000         | 4.170       | PK   |
| 2  |      |      | 5150.000        | 68.906                 | 64.737               | -5.094      | 74.000         | 4.170       | PK   |
| 3  |      |      | 5176.555        | 116.512                | 112.431              | N/A         | N/A            | 4.081       | 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: AC1                                                              | Time: 2017/12/11 - 16:21 |
| Limit: FCC_Part15.209_RE(3m)                                           | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                            | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                         | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode) |                          |



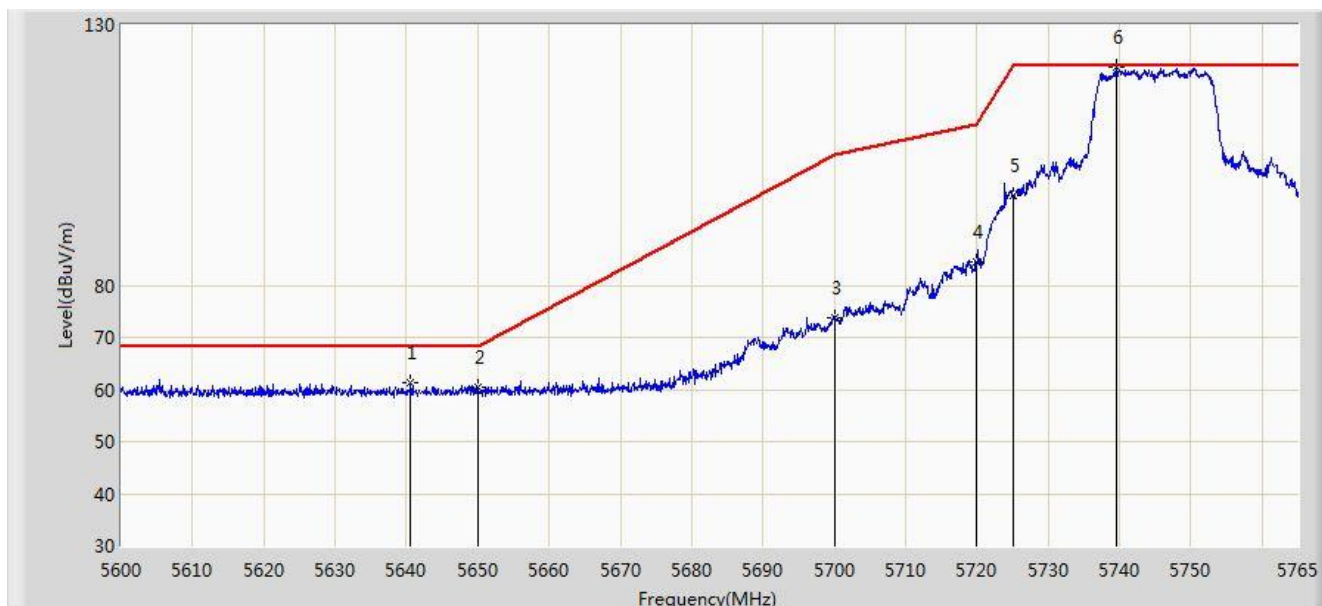
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 51.747                 | 47.578               | -2.253      | 54.000         | 4.170       | AV   |
| 2  |      |      | 5178.805        | 106.567                | 102.494              | N/A         | N/A            | 4.073       | 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: AC1                                                              | Time: 2017/12/11 - 17:01 |
| Limit: FCC_Part15.407_RE(3m)                                           | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                            | Polarity: Horizontal     |
| EUT: AC220m Wi-Fi module ID US                                         | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 (CDD Mode) |                          |

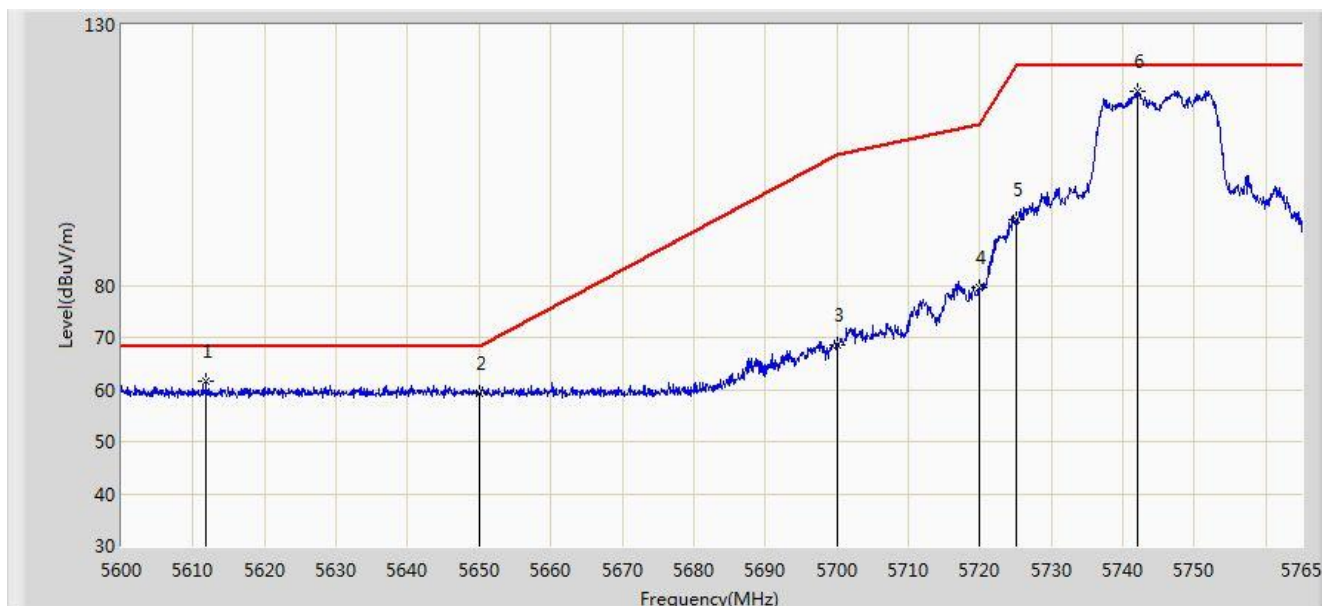


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5640.590        | 61.249                 | 56.609               | -6.951      | 68.200         | 4.640       | PK   |
| 2  |      |      | 5650.000        | 60.310                 | 55.639               | -7.890      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 73.714                 | 68.836               | -31.486     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 84.505                 | 79.508               | -26.295     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 97.302                 | 92.273               | -24.898     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5739.507        | 121.823                | 116.702              | N/A         | N/A            | 5.122       | 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: AC1                                                              | Time: 2017/12/11 - 17:03 |
| Limit: FCC_Part15.407_RE(3m)                                           | Engineer: Kevin Ker      |
| Probe: BBHA9120D_1GHz_18GHz                                            | Polarity: Vertical       |
| EUT: AC220m Wi-Fi module ID US                                         | Power: AC 120V/60Hz      |
| Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 (CDD Mode) |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Margin (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-------------|----------------|-------------|------|
| 1  |      |      | 5611.797        | 61.506                 | 56.949               | -6.694      | 68.200         | 4.557       | PK   |
| 2  |      |      | 5650.000        | 59.416                 | 54.745               | -8.784      | 68.200         | 4.671       | PK   |
| 3  |      |      | 5700.000        | 68.494                 | 63.616               | -36.706     | 105.200        | 4.878       | PK   |
| 4  |      |      | 5720.000        | 79.530                 | 74.533               | -31.270     | 110.800        | 4.997       | PK   |
| 5  |      |      | 5725.000        | 92.485                 | 87.456               | -29.715     | 122.200        | 5.029       | PK   |
| 6  |      |      | 5741.982        | 117.199                | 112.062              | N/A         | N/A            | 5.137       | PK   |

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

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