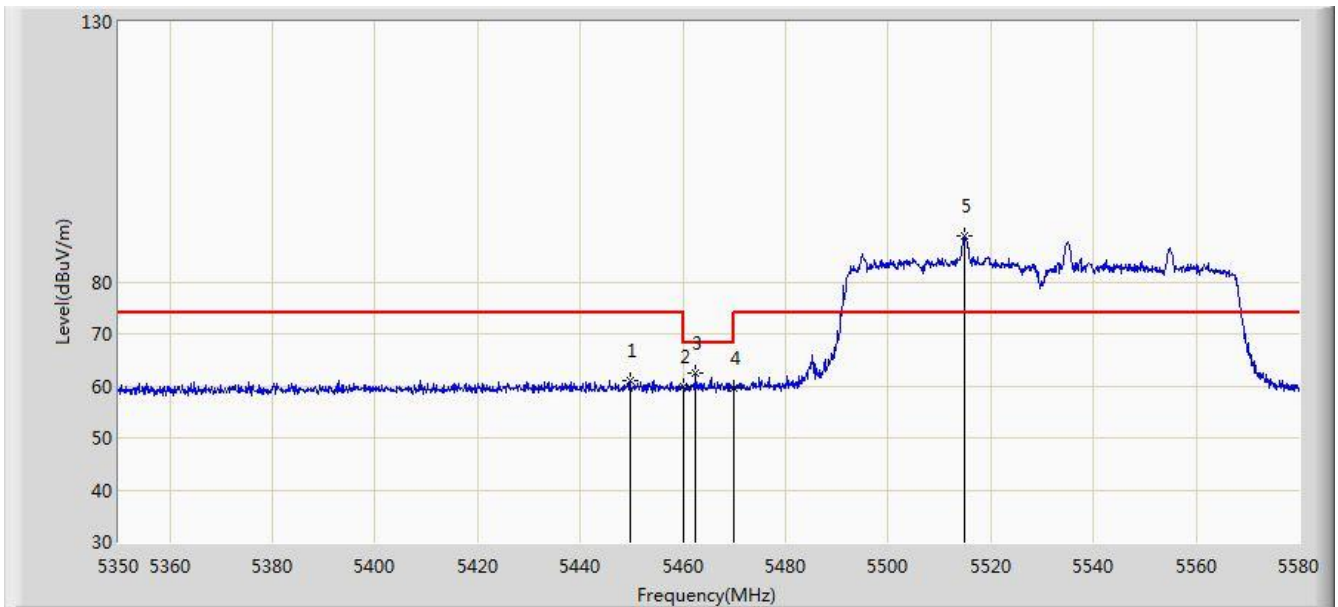


|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:14 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module                                      | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 |                          |

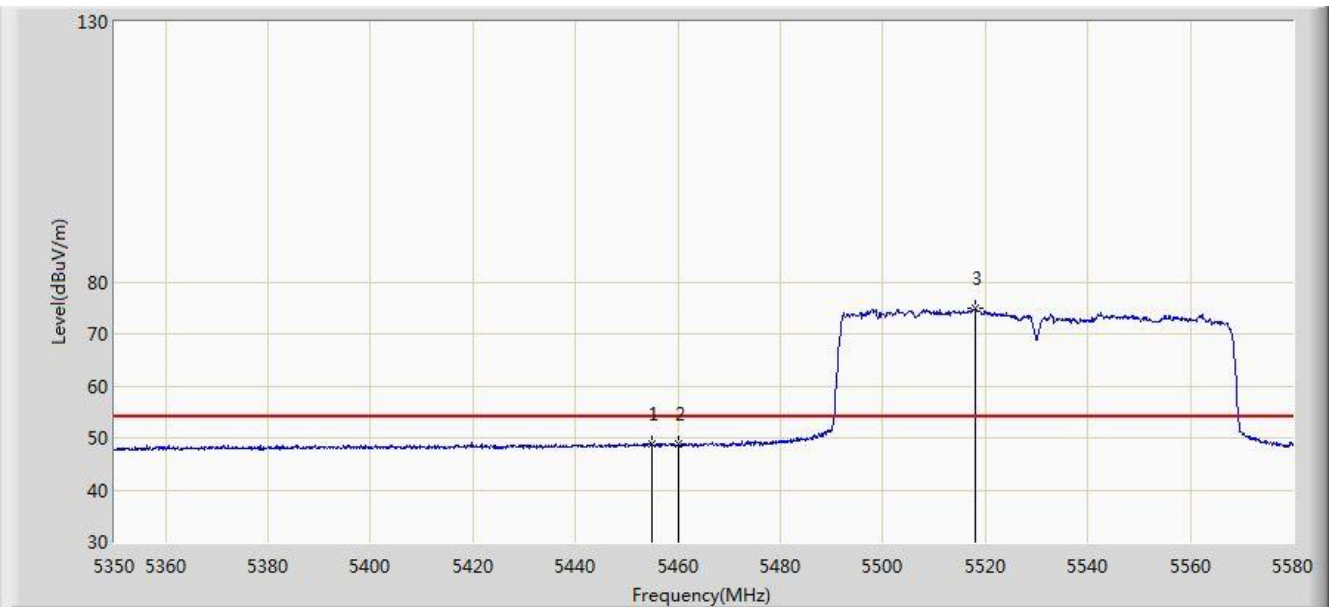


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5449.705        | 61.151                 | 54.409               | -12.849         | 74.000         | 6.741       | PK   |
| 2  |      |      | 5460.000        | 59.798                 | 52.996               | -14.202         | 74.000         | 6.802       | PK   |
| 3  |      |      | 5462.470        | 62.508                 | 55.696               | -5.692          | 68.200         | 6.812       | PK   |
| 4  |      |      | 5470.000        | 59.667                 | 52.822               | -8.533          | 68.200         | 6.845       | PK   |
| 5  |      | *    | 5514.910        | 88.714                 | 81.901               | N/A             | N/A            | 6.813       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:15 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module                                      | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 |                          |

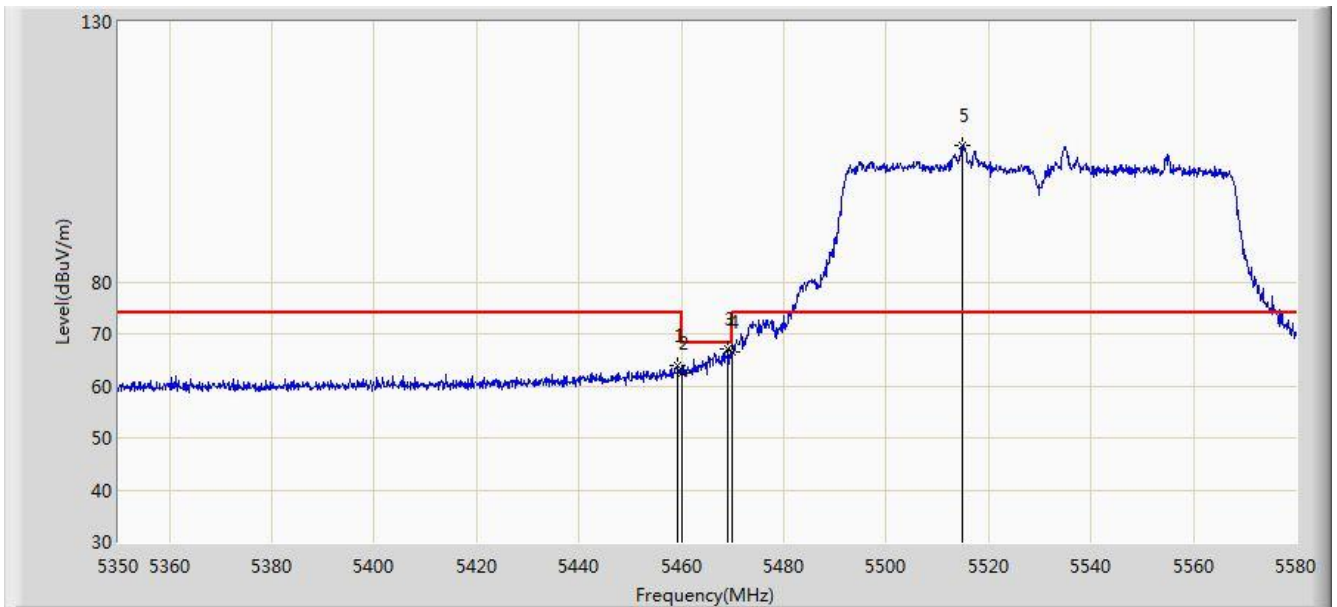


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5454.995        | 48.931                 | 42.151               | -5.069          | 54.000         | 6.780       | AV   |
| 2  |      |      | 5460.000        | 48.701                 | 41.899               | -5.299          | 54.000         | 6.802       | AV   |
| 3  |      | *    | 5518.015        | 74.907                 | 68.094               | N/A             | N/A            | 6.813       | 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: 2018/03/24 - 05:11 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module                                      | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 |                          |

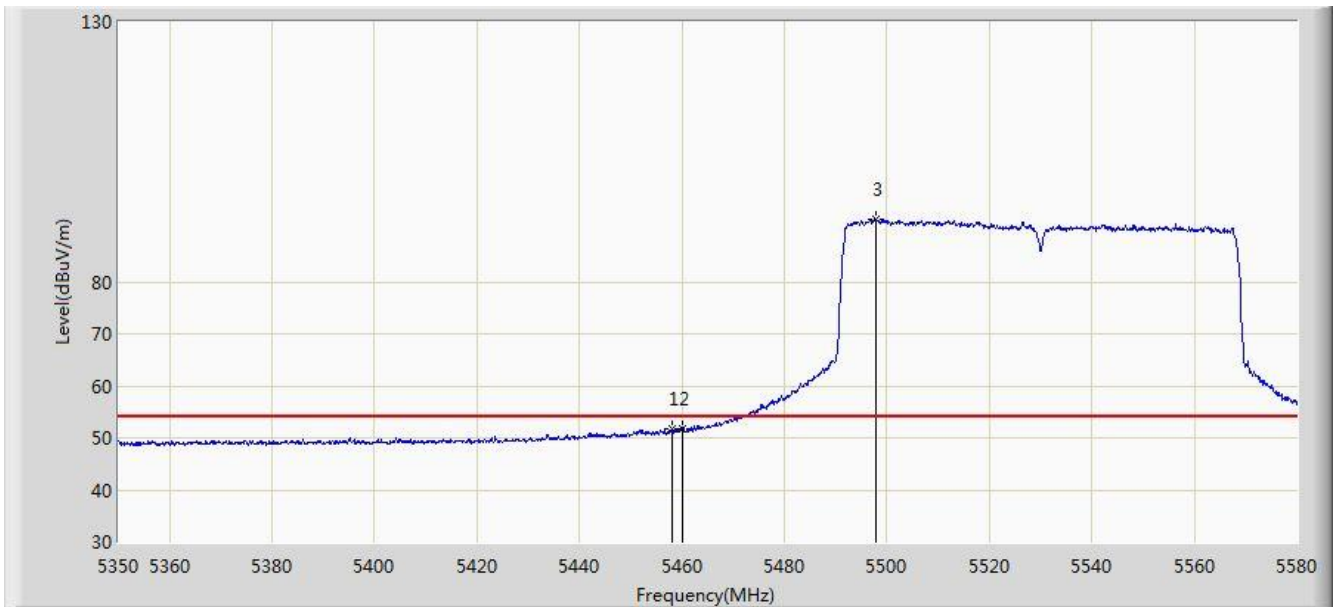


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5459.135        | 63.929                 | 57.131               | -10.071         | 74.000         | 6.798       | PK   |
| 2  |      |      | 5460.000        | 62.462                 | 55.660               | -11.538         | 74.000         | 6.802       | PK   |
| 3  |      |      | 5469.140        | 67.142                 | 60.301               | -1.058          | 68.200         | 6.841       | PK   |
| 4  |      |      | 5470.000        | 66.468                 | 59.623               | -1.732          | 68.200         | 6.845       | PK   |
| 5  |      | *    | 5514.795        | 106.284                | 99.471               | N/A             | N/A            | 6.812       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:13 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module                                      | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 |                          |

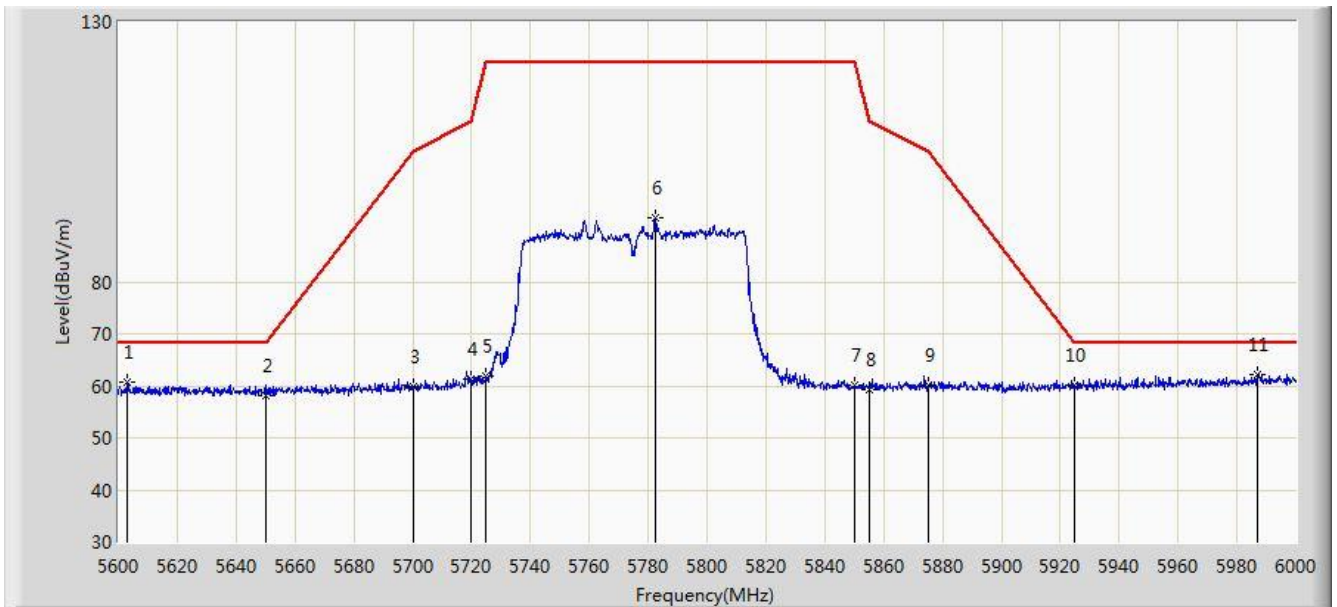


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5458.215        | 51.643                 | 44.849               | -2.357          | 54.000         | 6.794       | AV   |
| 2  |      |      | 5460.000        | 51.766                 | 44.964               | -2.234          | 54.000         | 6.802       | AV   |
| 3  |      | *    | 5497.890        | 92.065                 | 85.242               | N/A             | N/A            | 6.824       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:22 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                               | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module                                      | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz, Ant 0 + 1 |                          |

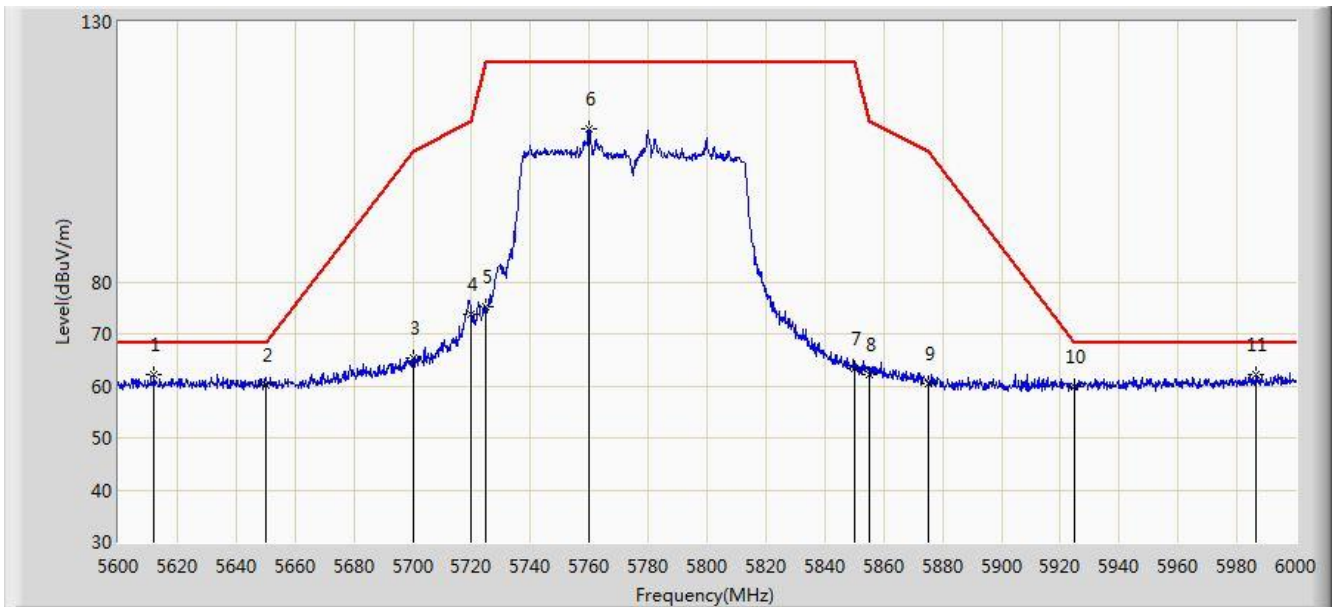


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5603.200        | 60.633                 | 53.653               | -7.567          | 68.200         | 6.980       | PK   |
| 2  |      |      | 5650.000        | 58.069                 | 51.064               | -10.131         | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 59.803                 | 52.638               | -45.397         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 61.360                 | 54.061               | -49.440         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 61.857                 | 54.529               | -60.343         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5782.400        | 92.182                 | 84.689               | N/A             | N/A            | 7.493       | PK   |
| 7  |      |      | 5850.000        | 60.185                 | 52.412               | -62.015         | 122.200        | 7.774       | PK   |
| 8  |      |      | 5855.000        | 59.357                 | 51.581               | -51.443         | 110.800        | 7.775       | PK   |
| 9  |      |      | 5875.000        | 60.060                 | 52.242               | -45.140         | 105.200        | 7.818       | PK   |
| 10 |      |      | 5925.000        | 60.225                 | 52.406               | -7.975          | 68.200         | 7.819       | PK   |
| 11 |      | *    | 5987.200        | 62.282                 | 54.363               | -5.918          | 68.200         | 7.920       | 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: 2018/03/24 - 05:18 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                               | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module                                      | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz, Ant 0 + 1 |                          |

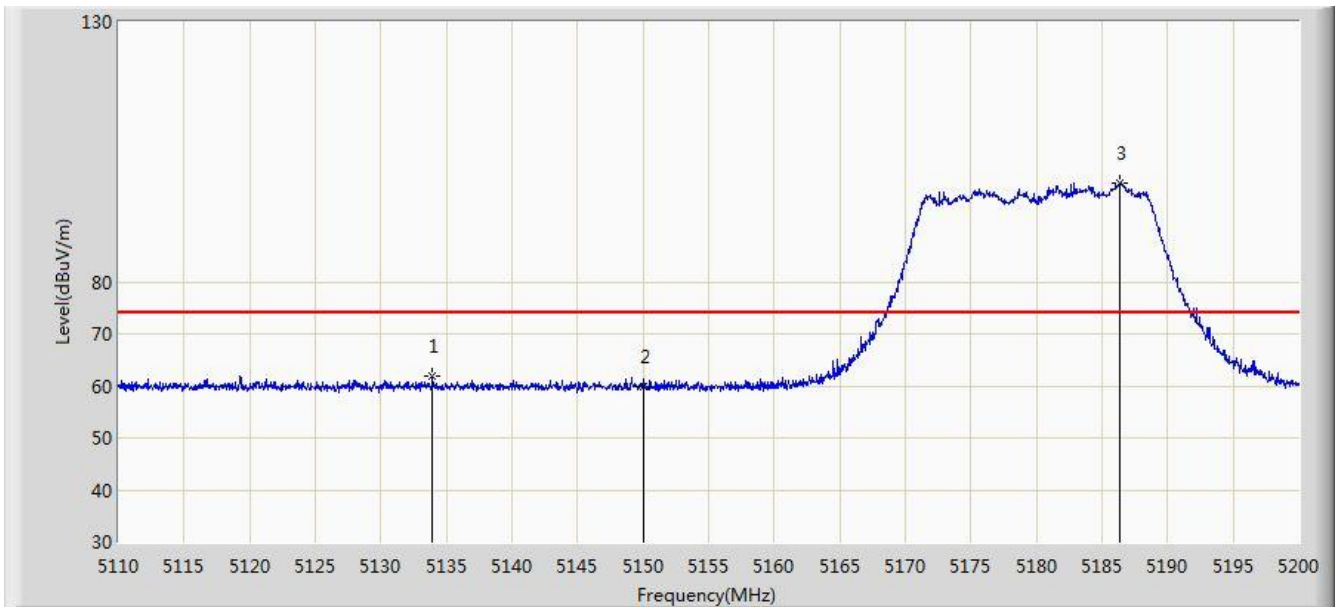


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5612.200        | 62.135                 | 55.146               | -6.065          | 68.200         | 6.988       | PK   |
| 2  |      |      | 5650.000        | 60.220                 | 53.215               | -7.980          | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 65.504                 | 58.339               | -39.696         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 73.781                 | 66.482               | -37.019         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 75.257                 | 67.929               | -46.943         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5759.800        | 109.544                | 102.131              | N/A             | N/A            | 7.414       | PK   |
| 7  |      |      | 5850.000        | 63.377                 | 55.604               | -58.823         | 122.200        | 7.774       | PK   |
| 8  |      |      | 5855.000        | 62.141                 | 54.365               | -48.659         | 110.800        | 7.775       | PK   |
| 9  |      |      | 5875.000        | 60.360                 | 52.542               | -44.840         | 105.200        | 7.818       | PK   |
| 10 |      |      | 5925.000        | 59.984                 | 52.165               | -8.216          | 68.200         | 7.819       | PK   |
| 11 |      |      | 5986.600        | 62.079                 | 54.162               | -6.121          | 68.200         | 7.917       | 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: 2018/03/24 - 05:56 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz, Ant 0 + 1 + 2 |                          |

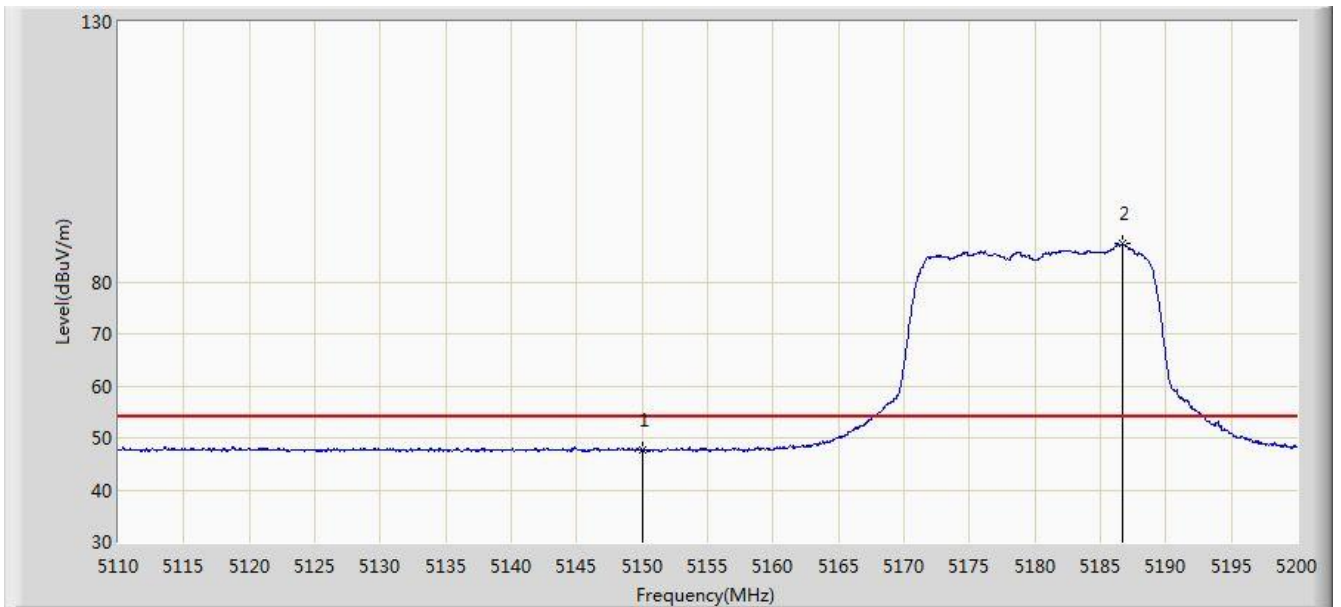


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5133.940        | 61.889                 | 55.251               | -12.111         | 74.000         | 6.639       | PK   |
| 2  |      |      | 5150.000        | 59.848                 | 53.286               | -14.152         | 74.000         | 6.562       | PK   |
| 3  |      | *    | 5186.365        | 98.942                 | 92.539               | N/A             | N/A            | 6.402       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:59 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz, Ant 0 + 1 + 2 |                          |



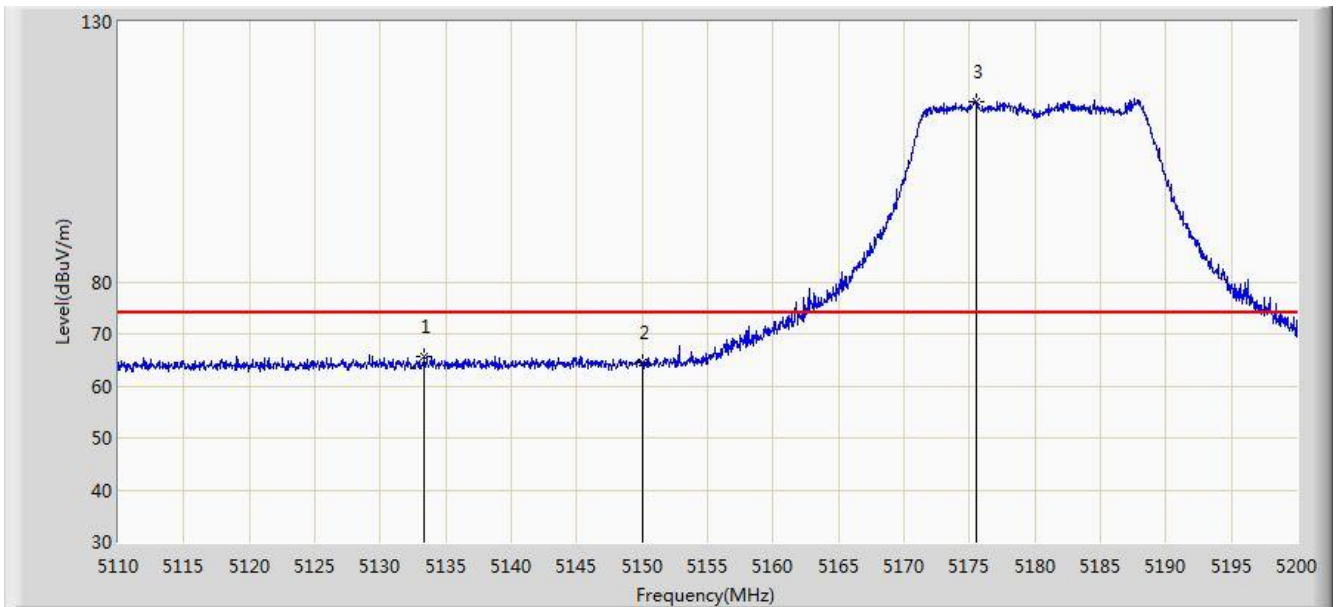
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 47.768                 | 41.206               | -6.232          | 54.000         | 6.562       | AV   |
| 2  |      | *    | 5186.725        | 87.260                 | 80.859               | N/A             | N/A            | 6.400       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:54 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz, Ant 0 + 1 + 2 |                          |

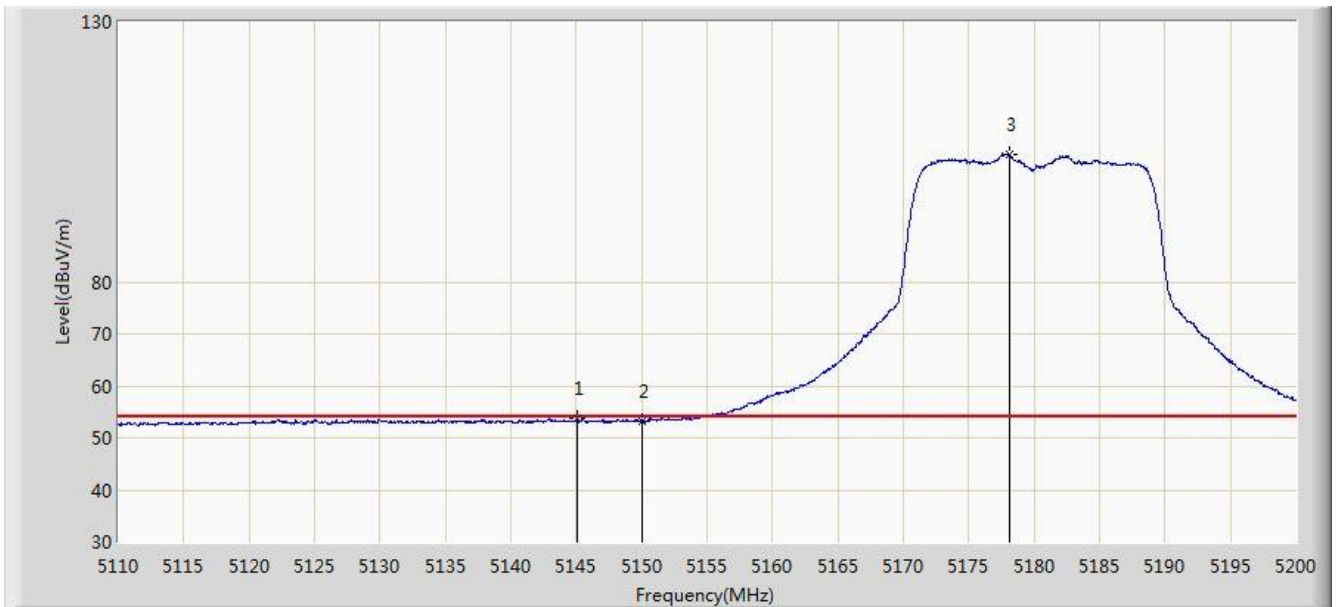


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5133.400        | 65.736                 | 59.095               | -8.264          | 74.000         | 6.641       | PK   |
| 2  |      |      | 5150.000        | 64.520                 | 57.958               | -9.480          | 74.000         | 6.562       | PK   |
| 3  |      | *    | 5175.475        | 114.771                | 108.291              | N/A             | N/A            | 6.480       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 05:51 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz, Ant 0 + 1 + 2 |                          |

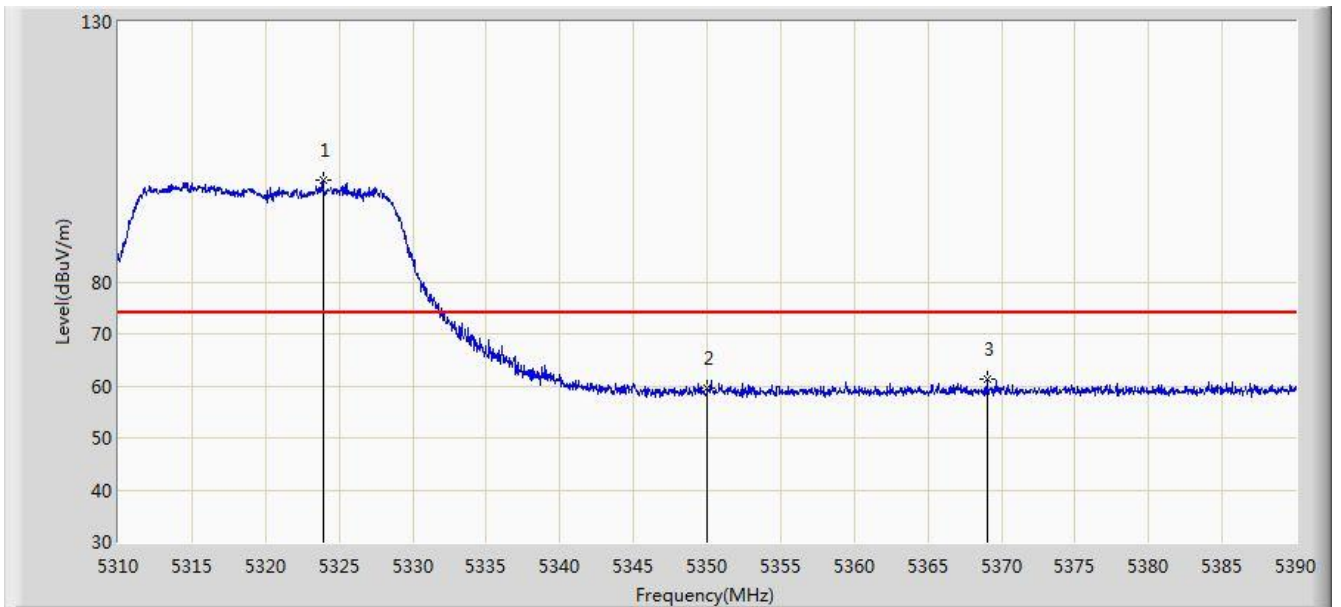


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5145.100        | 53.696                 | 47.121               | -0.304          | 54.000         | 6.575       | AV   |
| 2  |      |      | 5150.000        | 53.315                 | 46.753               | -0.685          | 54.000         | 6.562       | AV   |
| 3  |      | *    | 5178.130        | 104.453                | 97.994               | N/A             | N/A            | 6.460       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 06:12 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz, Ant 0 + 1 + 2 |                          |

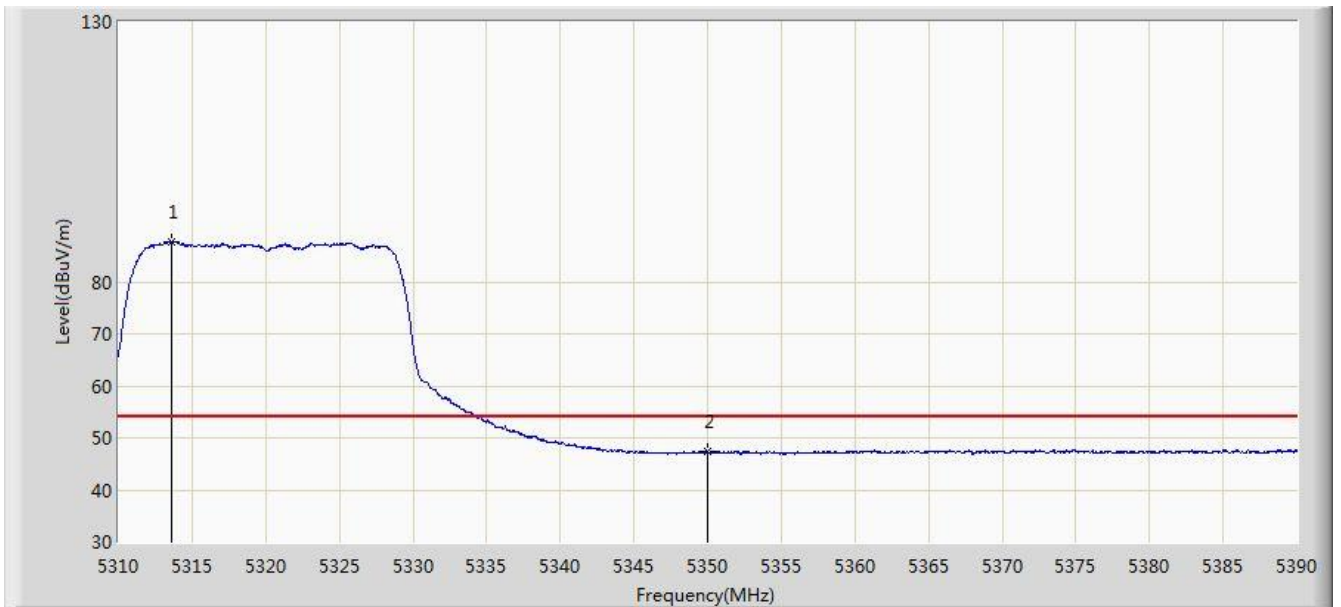


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5323.920        | 99.488                 | 93.172               | N/A             | N/A            | 6.316       | PK   |
| 2  |      |      | 5350.000        | 59.487                 | 53.027               | -14.513         | 74.000         | 6.460       | PK   |
| 3  |      |      | 5369.000        | 61.299                 | 54.769               | -12.701         | 74.000         | 6.530       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 06:14 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz, Ant 0 + 1 + 2 |                          |

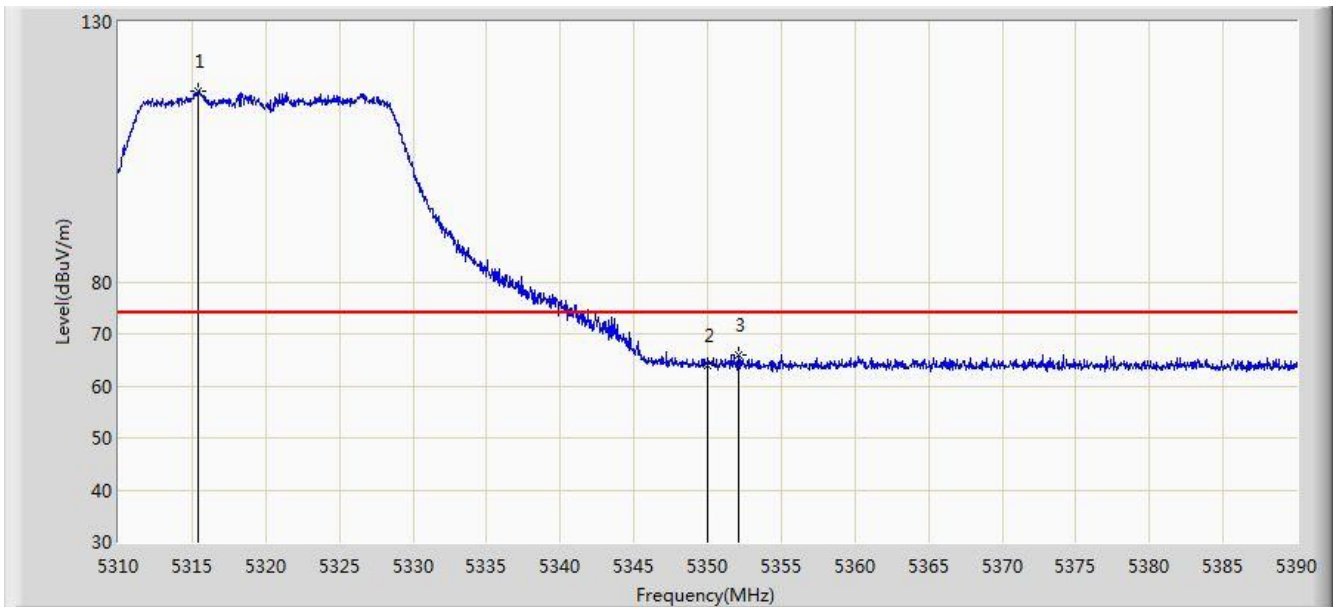


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5313.600        | 87.807                 | 81.533               | N/A             | N/A            | 6.274       | AV   |
| 2  |      |      | 5350.000        | 47.281                 | 40.821               | -6.719          | 54.000         | 6.460       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 06:11 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz, Ant 0 + 1 + 2 |                          |

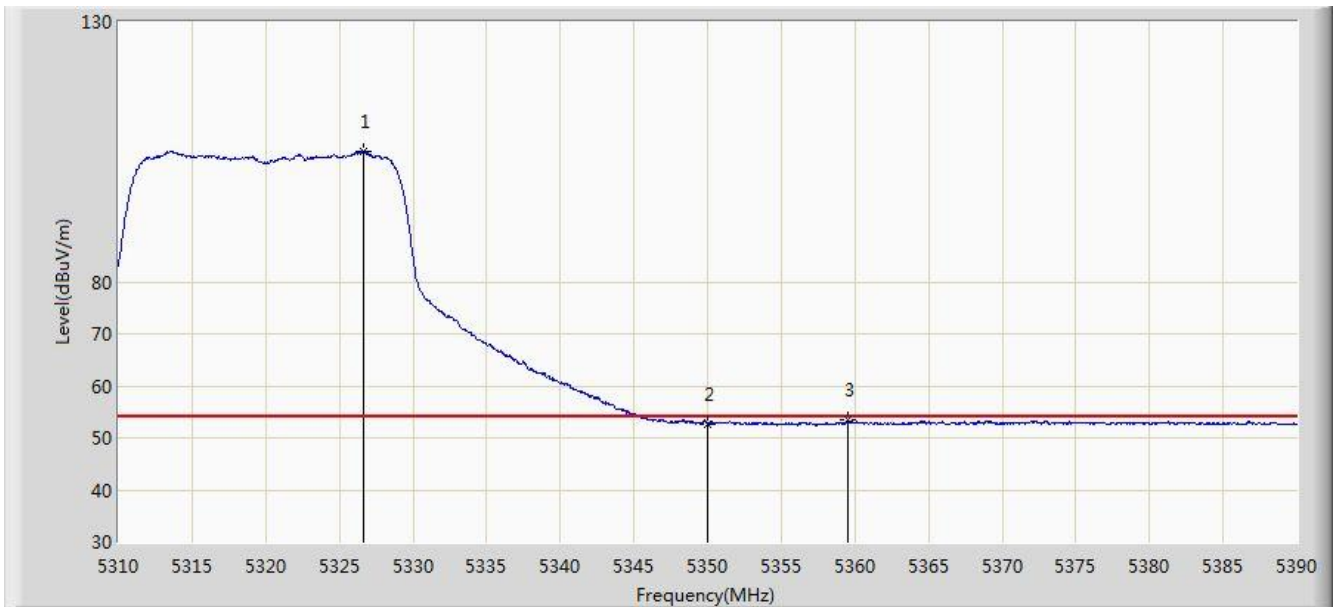


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5315.440        | 116.663                | 110.386              | N/A             | N/A            | 6.278       | PK   |
| 2  |      |      | 5350.000        | 63.967                 | 57.507               | -10.033         | 74.000         | 6.460       | PK   |
| 3  |      |      | 5352.080        | 65.966                 | 59.495               | -8.034          | 74.000         | 6.471       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 06:10 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz, Ant 0 + 1 + 2 |                          |

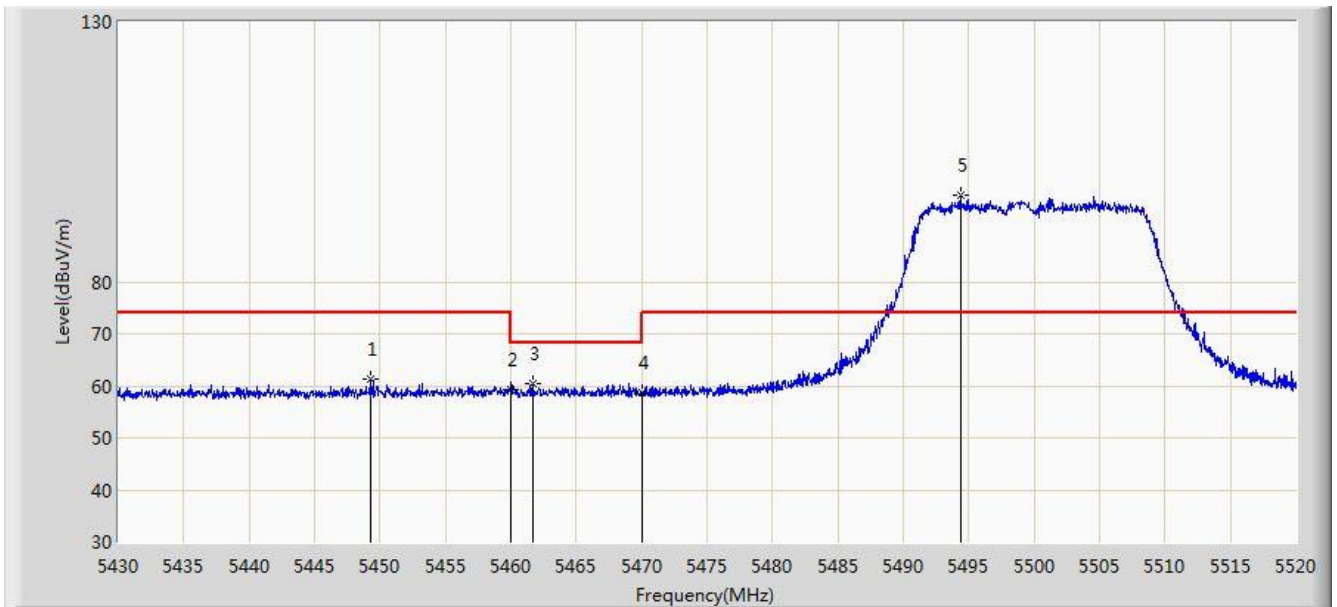


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5326.640        | 105.078                | 98.747               | N/A             | N/A            | 6.331       | AV   |
| 2  |      |      | 5350.000        | 52.750                 | 46.290               | -1.250          | 54.000         | 6.460       | AV   |
| 3  |      |      | 5359.560        | 53.344                 | 46.847               | -0.656          | 54.000         | 6.497       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:01 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz, Ant 0 + 1 + 2 |                          |

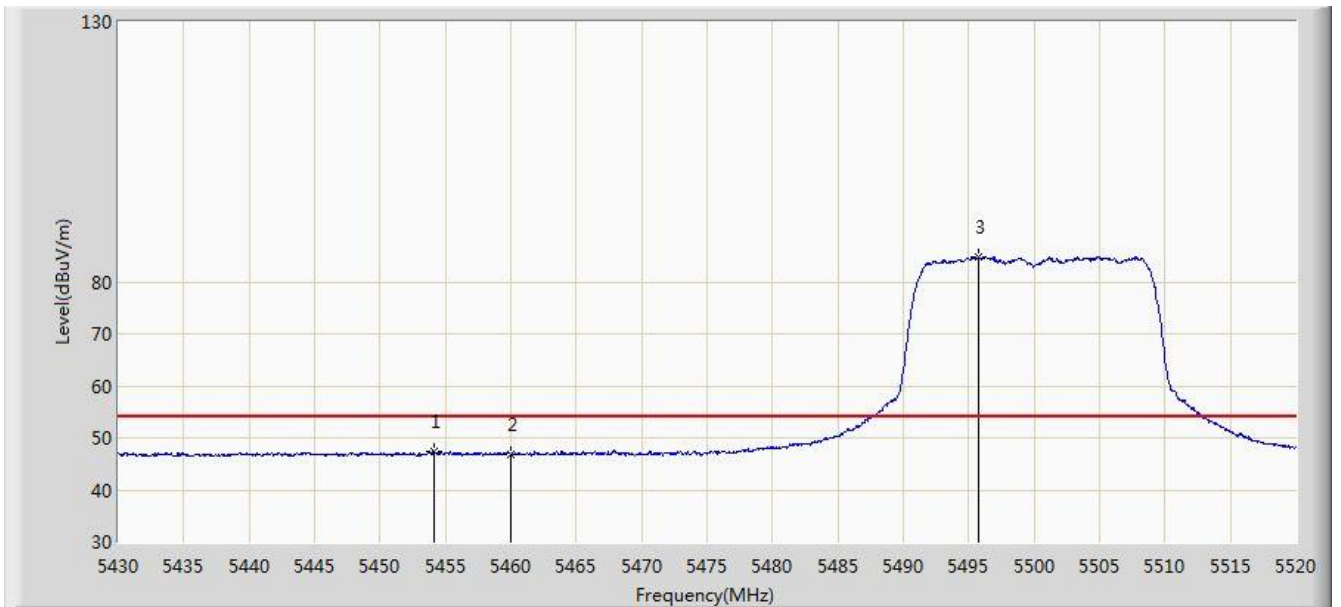


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5449.305        | 61.300                 | 54.561               | -12.700         | 74.000         | 6.740       | PK   |
| 2  |      |      | 5460.000        | 59.210                 | 52.408               | -14.790         | 74.000         | 6.802       | PK   |
| 3  |      |      | 5461.680        | 60.426                 | 53.617               | -7.774          | 68.200         | 6.809       | PK   |
| 4  |      |      | 5470.000        | 58.622                 | 51.777               | -9.578          | 68.200         | 6.845       | PK   |
| 5  |      | *    | 5494.350        | 96.745                 | 89.916               | N/A             | N/A            | 6.829       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:03 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz, Ant 0 + 1 + 2 |                          |



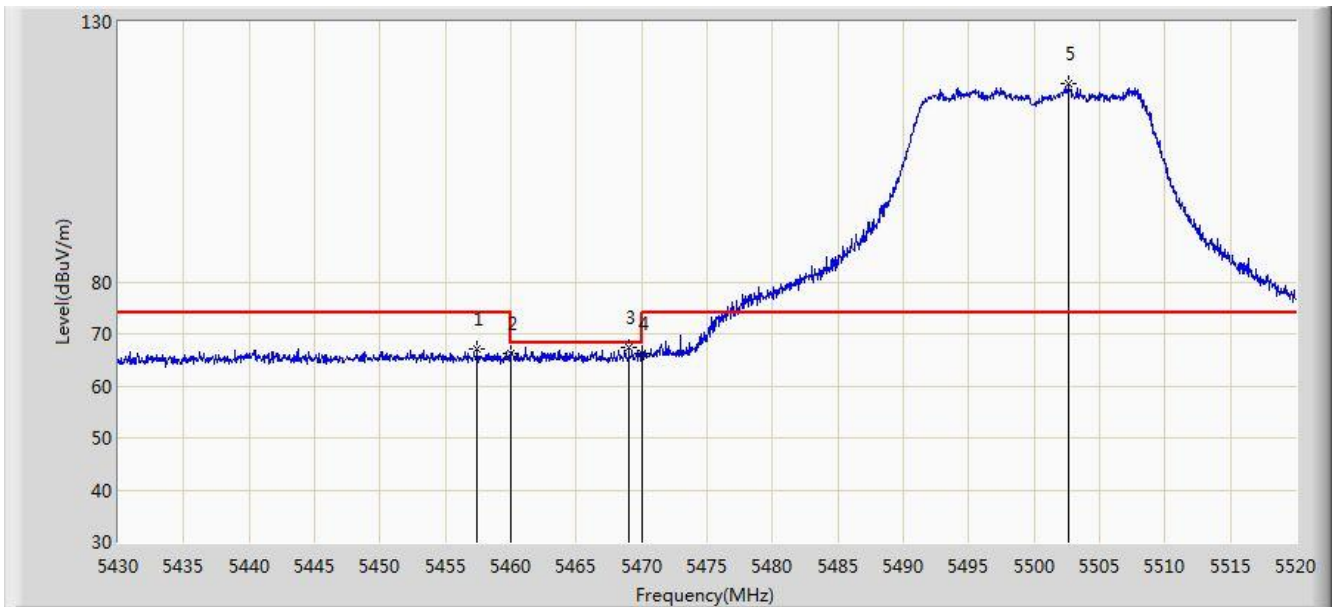
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5454.120        | 47.406                 | 40.631               | -6.594          | 54.000         | 6.775       | AV   |
| 2  |      |      | 5460.000        | 46.849                 | 40.047               | -7.151          | 54.000         | 6.802       | AV   |
| 3  |      | *    | 5495.745        | 84.839                 | 78.013               | N/A             | N/A            | 6.826       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 06:57 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz, Ant 0 + 1 + 2 |                          |

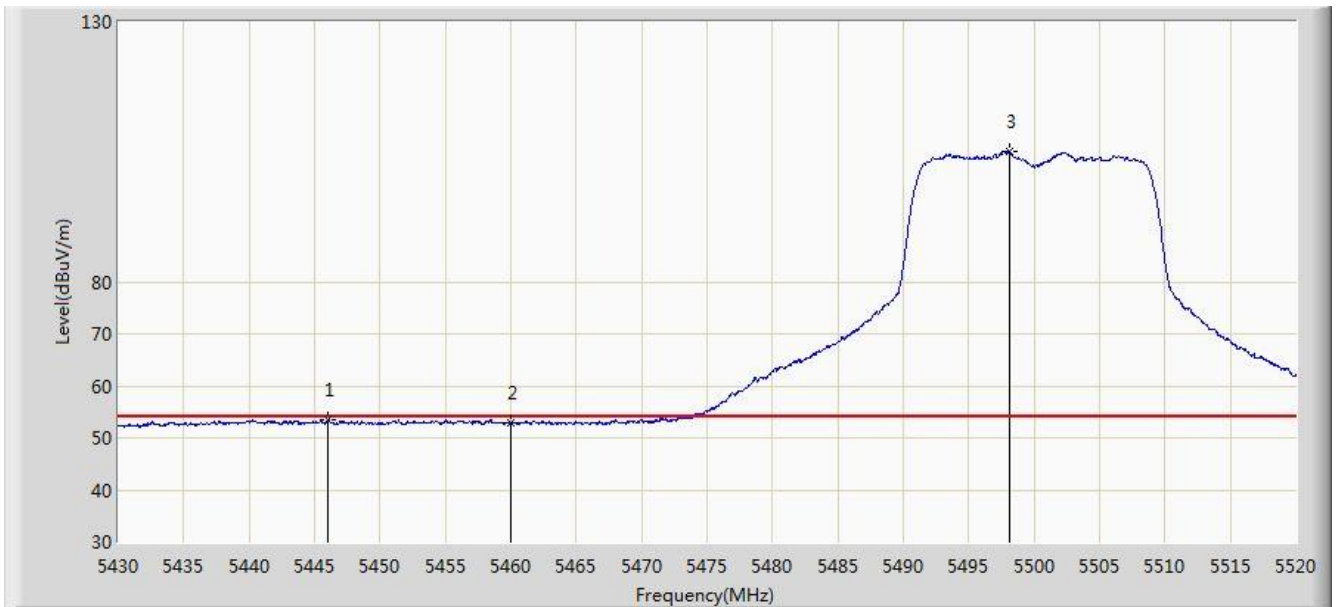


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5457.450        | 67.212                 | 60.421               | -6.788          | 74.000         | 6.790       | PK   |
| 2  |      |      | 5460.000        | 66.189                 | 59.387               | -7.811          | 74.000         | 6.802       | PK   |
| 3  |      |      | 5469.015        | 67.504                 | 60.663               | -0.696          | 68.200         | 6.840       | PK   |
| 4  |      |      | 5470.000        | 66.198                 | 59.353               | -2.002          | 68.200         | 6.845       | PK   |
| 5  |      | *    | 5502.630        | 118.045                | 111.230              | N/A             | N/A            | 6.814       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:00 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz, Ant 0 + 1 + 2 |                          |

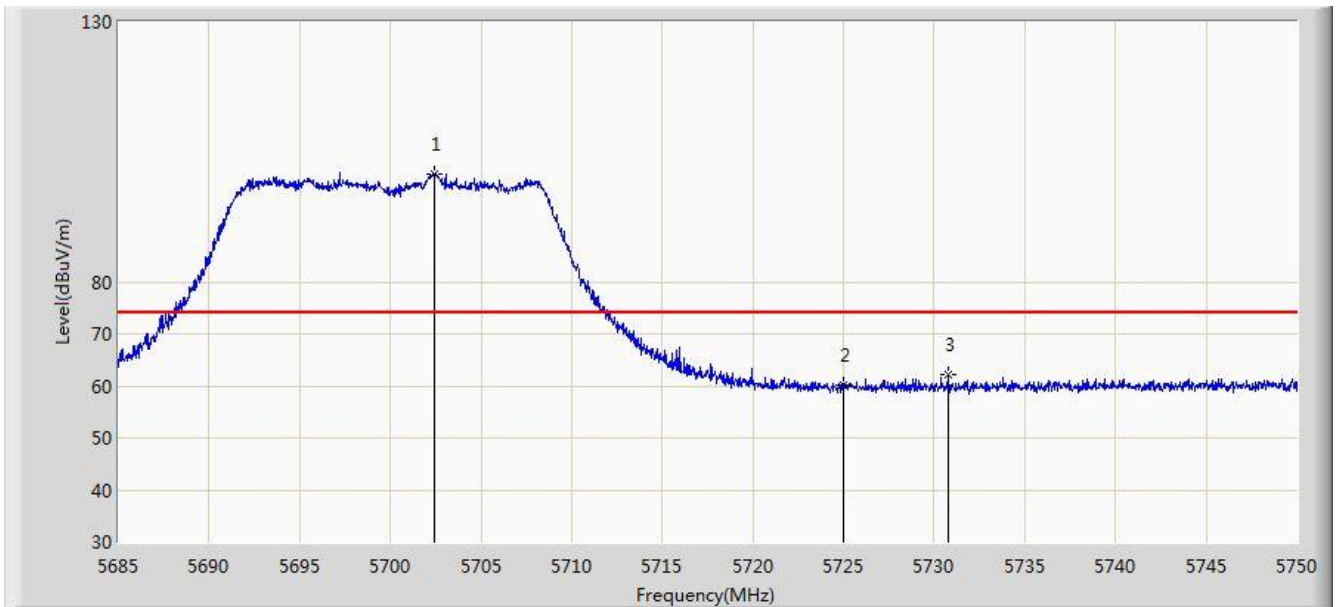


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5446.065        | 53.412                 | 46.698               | -0.588          | 54.000         | 6.714       | AV   |
| 2  |      |      | 5460.000        | 52.988                 | 46.186               | -1.012          | 54.000         | 6.802       | AV   |
| 3  |      | *    | 5498.130        | 105.027                | 98.205               | N/A             | N/A            | 6.822       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:13 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz, Ant 0 + 1 + 2 |                          |

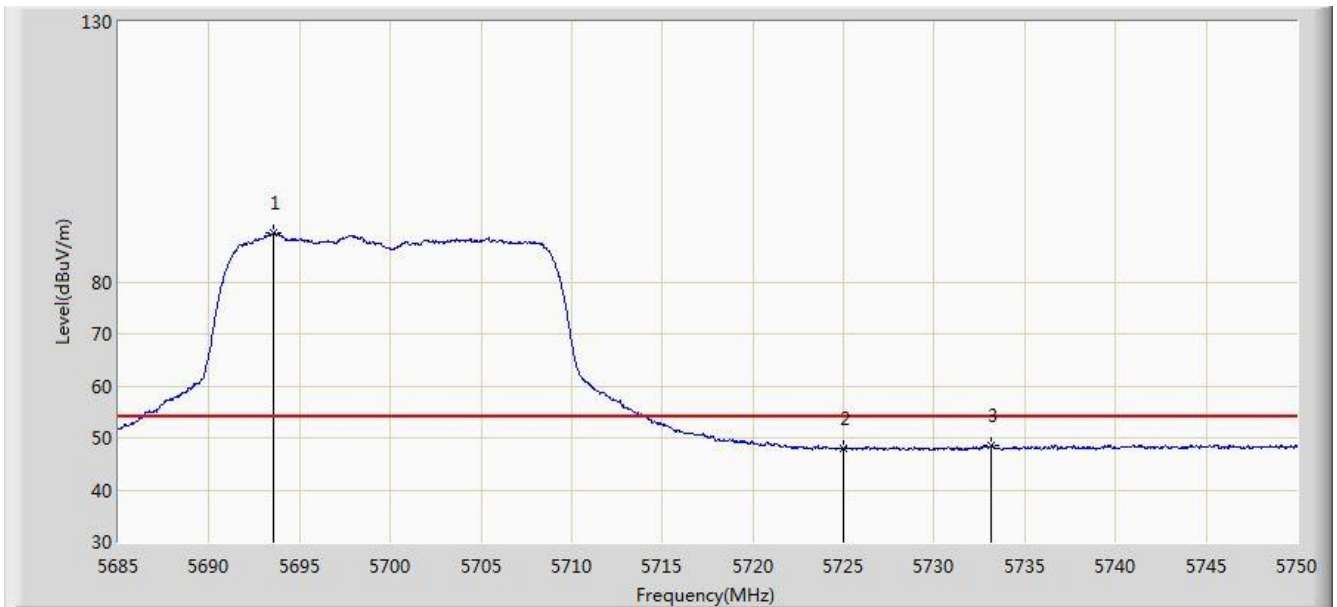


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5702.453        | 100.848                | 93.666               | N/A             | N/A            | 7.181       | PK   |
| 2  |      |      | 5725.000        | 60.204                 | 52.876               | -13.796         | 74.000         | 7.328       | PK   |
| 3  |      |      | 5730.760        | 62.146                 | 54.792               | -11.854         | 74.000         | 7.353       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:14 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz, Ant 0 + 1 + 2 |                          |

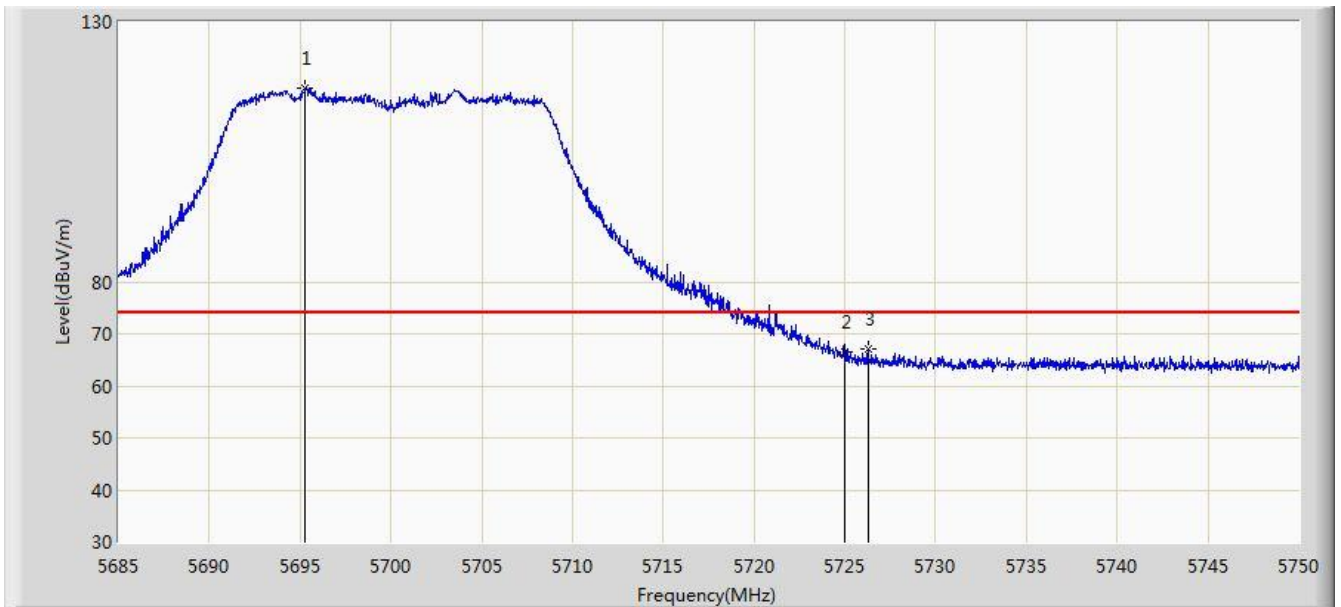


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5693.580        | 89.373                 | 82.251               | N/A             | N/A            | 7.122       | AV   |
| 2  |      |      | 5725.000        | 48.026                 | 40.698               | -5.974          | 54.000         | 7.328       | AV   |
| 3  |      |      | 5733.165        | 48.541                 | 41.177               | -5.459          | 54.000         | 7.363       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:12 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz, Ant 0 + 1 + 2 |                          |

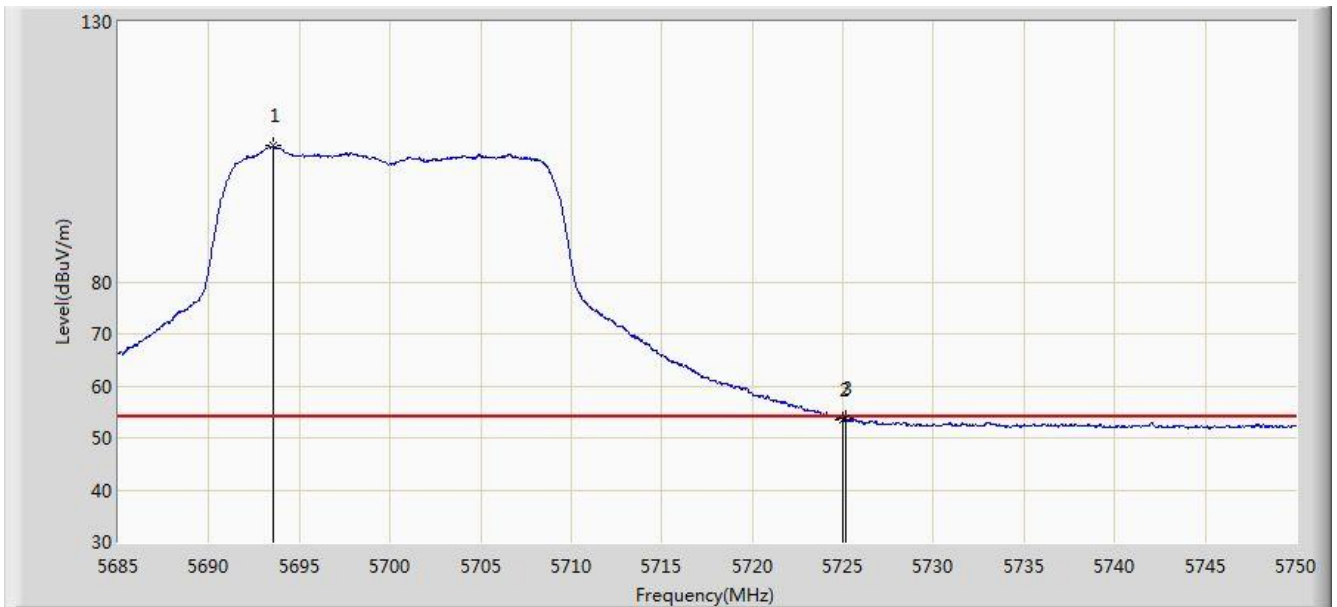


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5695.303        | 117.129                | 109.995              | N/A             | N/A            | 7.134       | PK   |
| 2  |      |      | 5725.000        | 66.548                 | 59.220               | -7.452          | 74.000         | 7.328       | PK   |
| 3  |      |      | 5726.275        | 66.988                 | 59.653               | -7.012          | 74.000         | 7.335       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:09 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz, Ant 0 + 1 + 2 |                          |

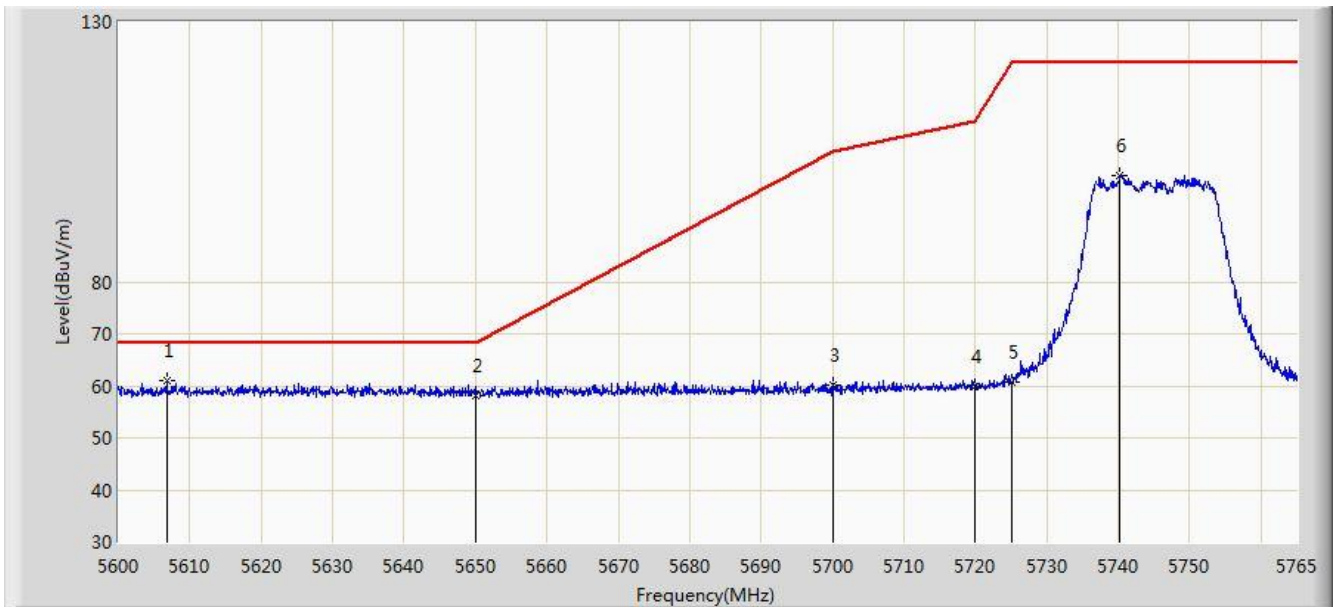


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5693.547        | 106.088                | 98.966               | N/A             | N/A            | 7.122       | AV   |
| 2  |      |      | 5725.000        | 53.499                 | 46.171               | -0.501          | 54.000         | 7.328       | AV   |
| 3  |      |      | 5725.138        | 53.655                 | 46.326               | -0.345          | 54.000         | 7.328       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:22 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz, Ant 0 + 1 + 2 |                          |

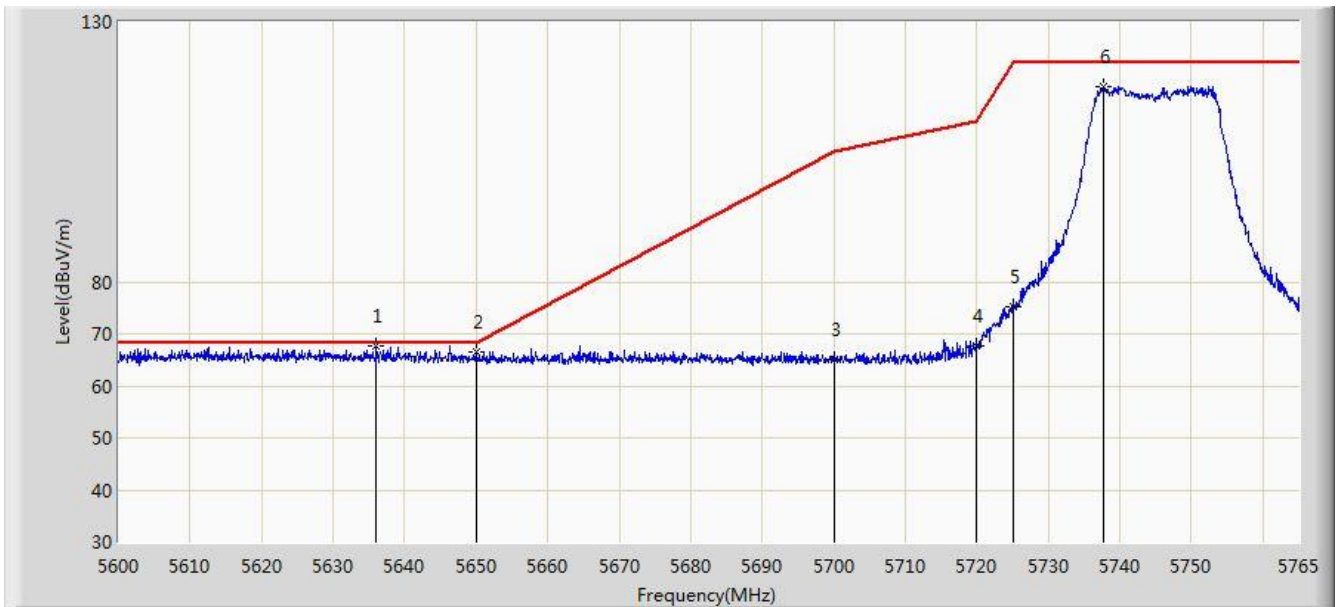


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5606.765        | 60.920                 | 53.941               | -7.280          | 68.200         | 6.978       | PK   |
| 2  |      |      | 5650.000        | 58.092                 | 51.087               | -10.108         | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 60.281                 | 53.116               | -44.919         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 59.768                 | 52.469               | -51.032         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 60.668                 | 53.340               | -61.532         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5740.250        | 100.458                | 93.065               | N/A             | N/A            | 7.393       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:20 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz, Ant 0 + 1 + 2 |                          |



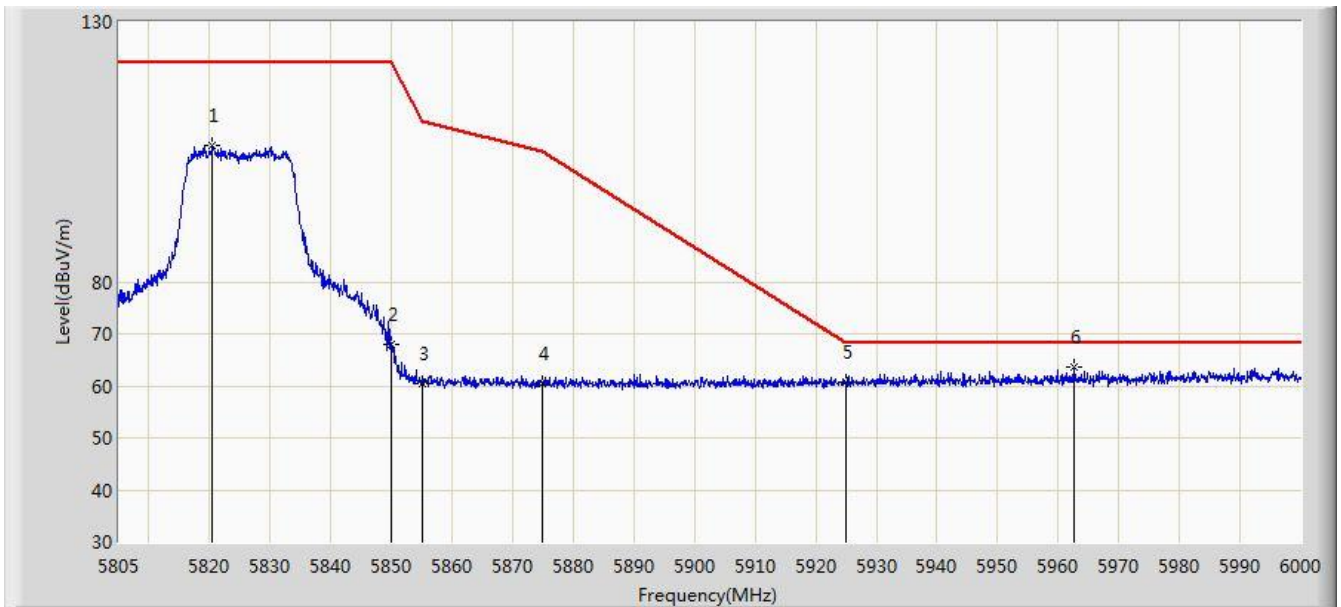
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5636.053        | 67.661                 | 60.667               | -0.539          | 68.200         | 6.993       | PK   |
| 2  |      |      | 5650.000        | 66.395                 | 59.390               | -1.805          | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 64.996                 | 57.831               | -40.204         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 67.583                 | 60.284               | -43.217         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 75.328                 | 68.000               | -46.872         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5737.610        | 117.648                | 110.266              | N/A             | N/A            | 7.382       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:27 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz, Ant 0 + 1 + 2 |                          |

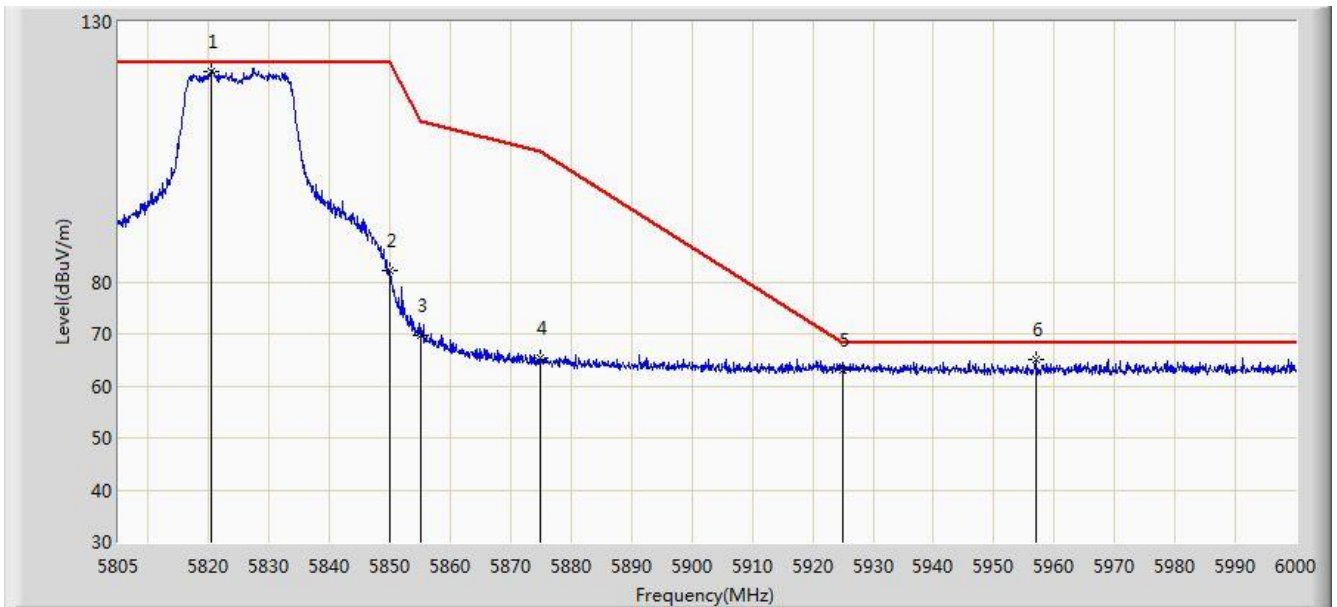


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5820.405        | 106.119                | 98.482               | N/A             | N/A            | 7.637       | PK   |
| 2  |      |      | 5850.000        | 67.893                 | 60.120               | -54.307         | 122.200        | 7.774       | PK   |
| 3  |      |      | 5855.000        | 60.506                 | 52.730               | -50.294         | 110.800        | 7.775       | PK   |
| 4  |      |      | 5875.000        | 60.569                 | 52.751               | -44.631         | 105.200        | 7.818       | PK   |
| 5  |      |      | 5925.000        | 60.647                 | 52.828               | -7.553          | 68.200         | 7.819       | PK   |
| 6  |      | *    | 5962.560        | 63.764                 | 55.904               | -4.436          | 68.200         | 7.859       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:24 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz, Ant 0 + 1 + 2 |                          |

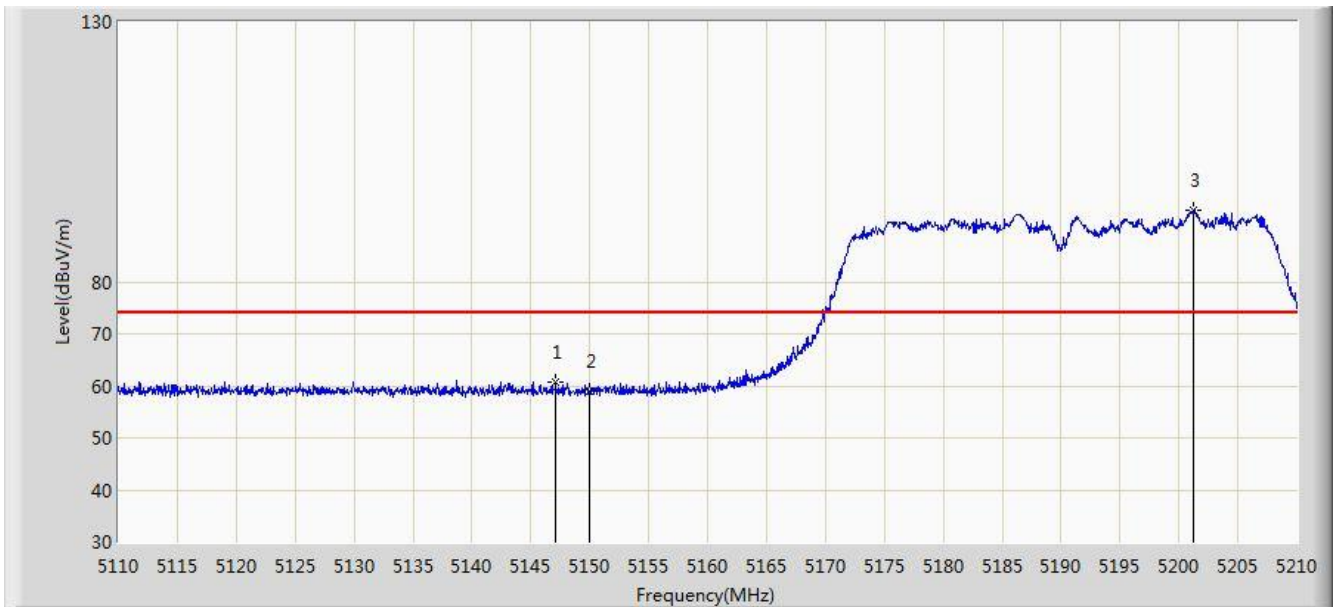


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5820.308        | 120.577                | 112.940              | N/A             | N/A            | 7.637       | PK   |
| 2  |      |      | 5850.000        | 82.146                 | 74.373               | -40.054         | 122.200        | 7.774       | PK   |
| 3  |      |      | 5855.000        | 69.696                 | 61.920               | -41.104         | 110.800        | 7.775       | PK   |
| 4  |      |      | 5875.000        | 65.307                 | 57.489               | -39.893         | 105.200        | 7.818       | PK   |
| 5  |      |      | 5925.000        | 62.938                 | 55.119               | -5.262          | 68.200         | 7.819       | PK   |
| 6  |      |      | 5956.905        | 65.120                 | 57.268               | -3.080          | 68.200         | 7.851       | 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: 2018/03/24 - 07:37 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz, Ant 0 + 1 + 2 |                          |

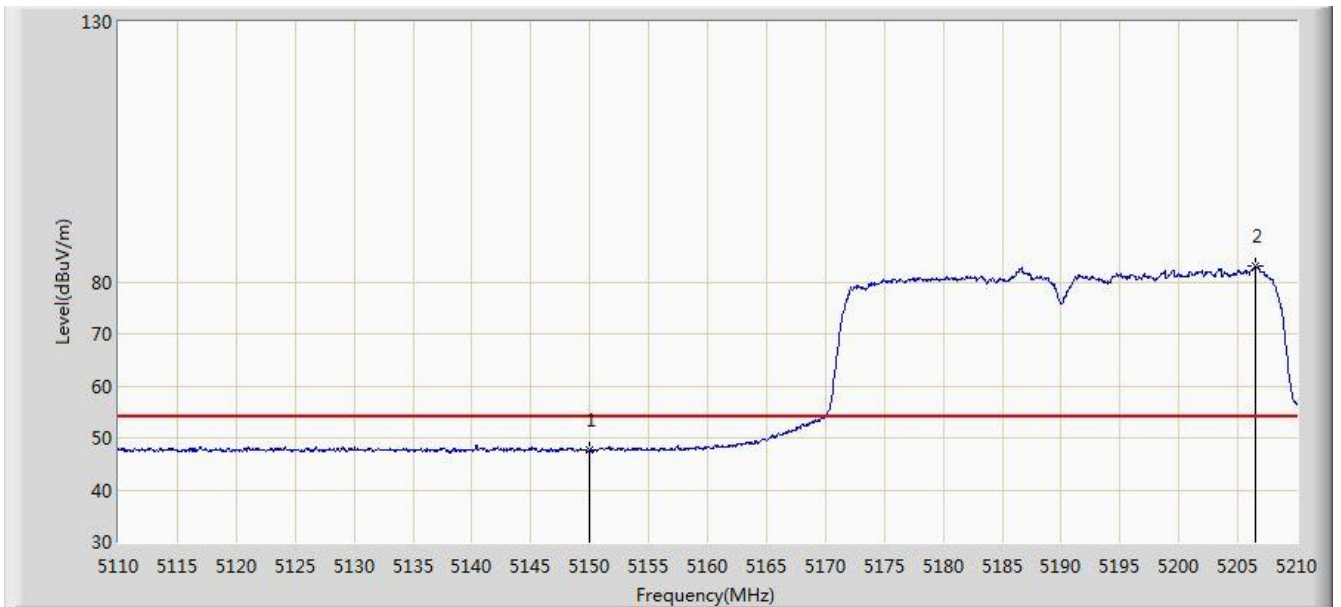


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5147.100        | 60.762                 | 54.198               | -13.238         | 74.000         | 6.564       | PK   |
| 2  |      |      | 5150.000        | 59.075                 | 52.513               | -14.925         | 74.000         | 6.562       | PK   |
| 3  |      | *    | 5201.200        | 93.751                 | 87.413               | N/A             | N/A            | 6.339       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:39 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz, Ant 0 + 1 + 2 |                          |

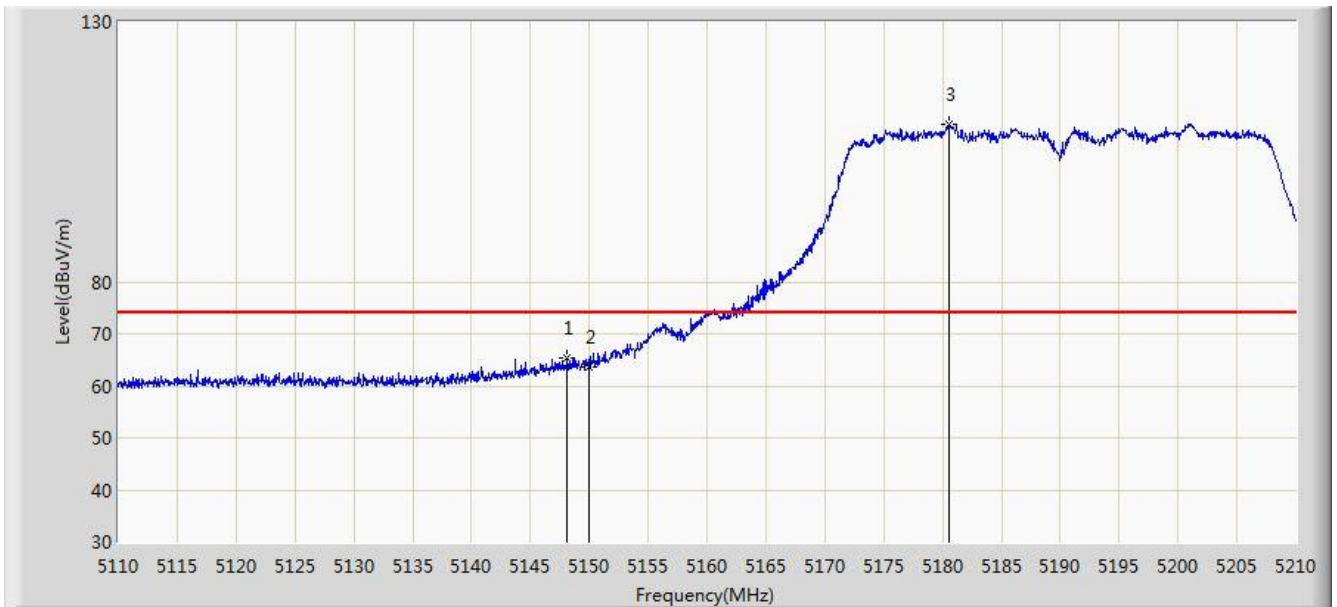


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 47.564                 | 41.002               | -6.436          | 54.000         | 6.562       | AV   |
| 2  |      | *    | 5206.550        | 83.146                 | 76.790               | N/A             | N/A            | 6.356       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:36 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz, Ant 0 + 1 + 2 |                          |

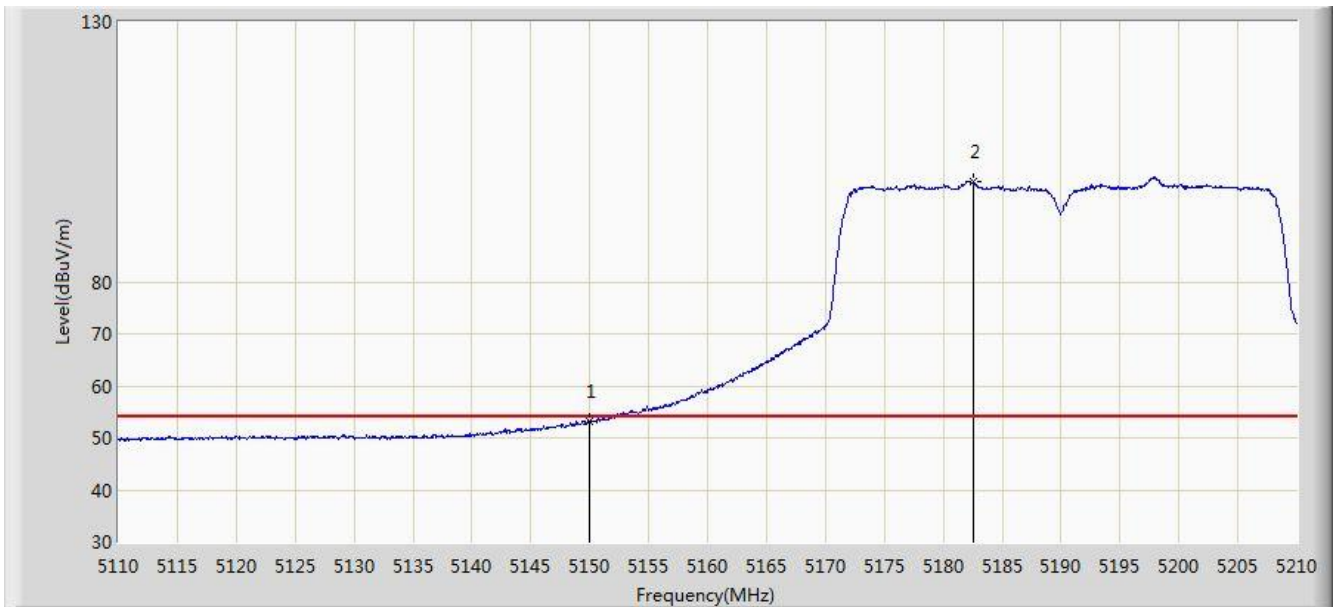


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5148.100        | 65.453                 | 58.894               | -8.547          | 74.000         | 6.560       | PK   |
| 2  |      |      | 5150.000        | 63.755                 | 57.193               | -10.245         | 74.000         | 6.562       | PK   |
| 3  |      | *    | 5180.500        | 110.212                | 103.772              | N/A             | N/A            | 6.440       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:34 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz, Ant 0 + 1 + 2 |                          |

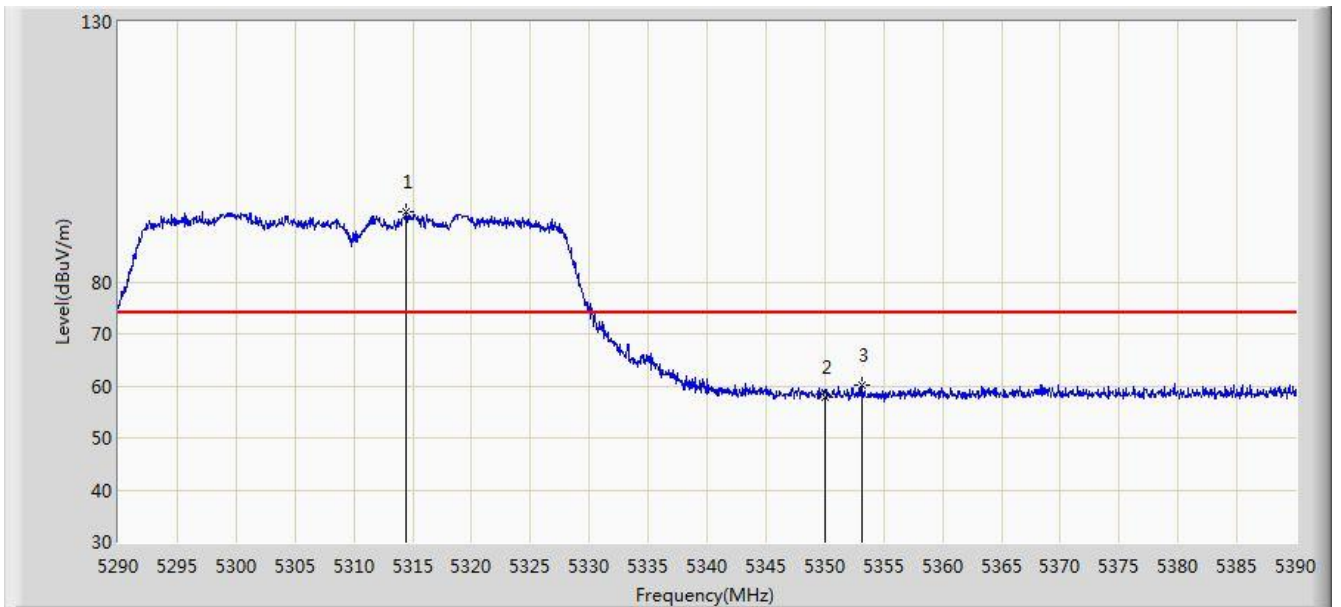


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 53.178                 | 46.616               | -0.822          | 54.000         | 6.562       | AV   |
| 2  |      | *    | 5182.500        | 99.146                 | 92.721               | N/A             | N/A            | 6.425       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:47 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz, Ant 0 + 1 + 2 |                          |

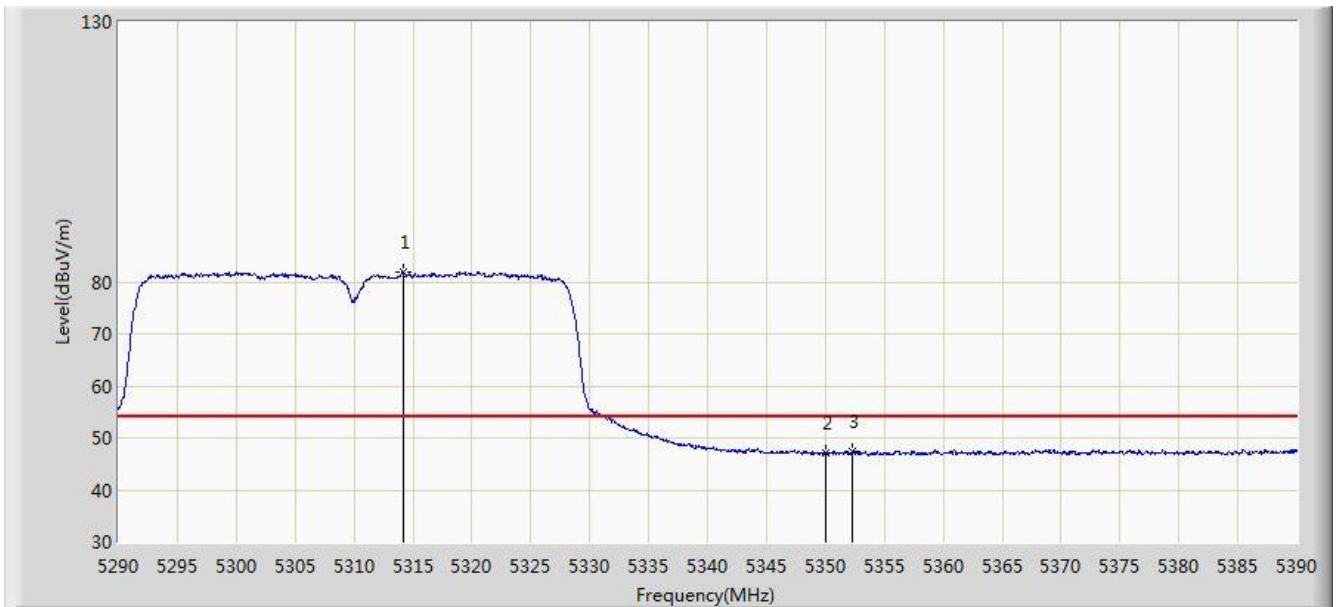


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5314.450        | 93.381                 | 87.106               | N/A             | N/A            | 6.276       | PK   |
| 2  |      |      | 5350.000        | 57.908                 | 51.448               | -16.092         | 74.000         | 6.460       | PK   |
| 3  |      |      | 5353.200        | 60.118                 | 53.643               | -13.882         | 74.000         | 6.475       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:49 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz, Ant 0 + 1 + 2 |                          |



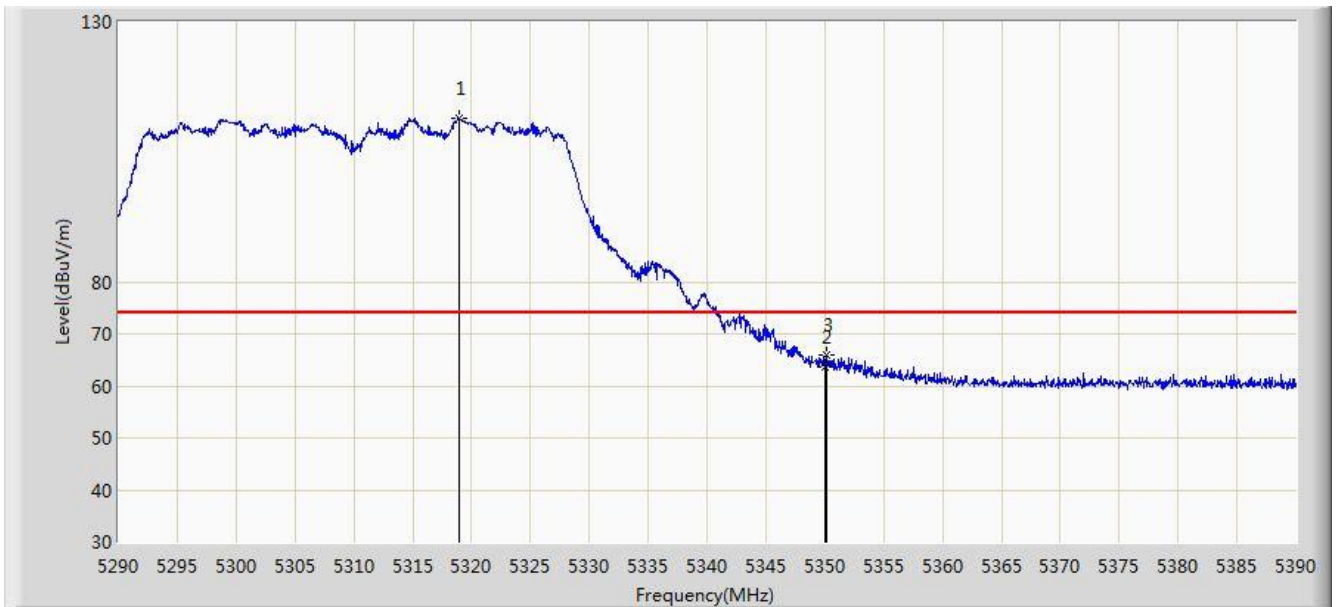
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5314.150        | 81.866                 | 75.591               | N/A             | N/A            | 6.274       | AV   |
| 2  |      |      | 5350.000        | 47.063                 | 40.603               | -6.937          | 54.000         | 6.460       | AV   |
| 3  |      |      | 5352.300        | 47.532                 | 41.060               | -6.468          | 54.000         | 6.471       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:46 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz, Ant 0 + 1 + 2 |                          |

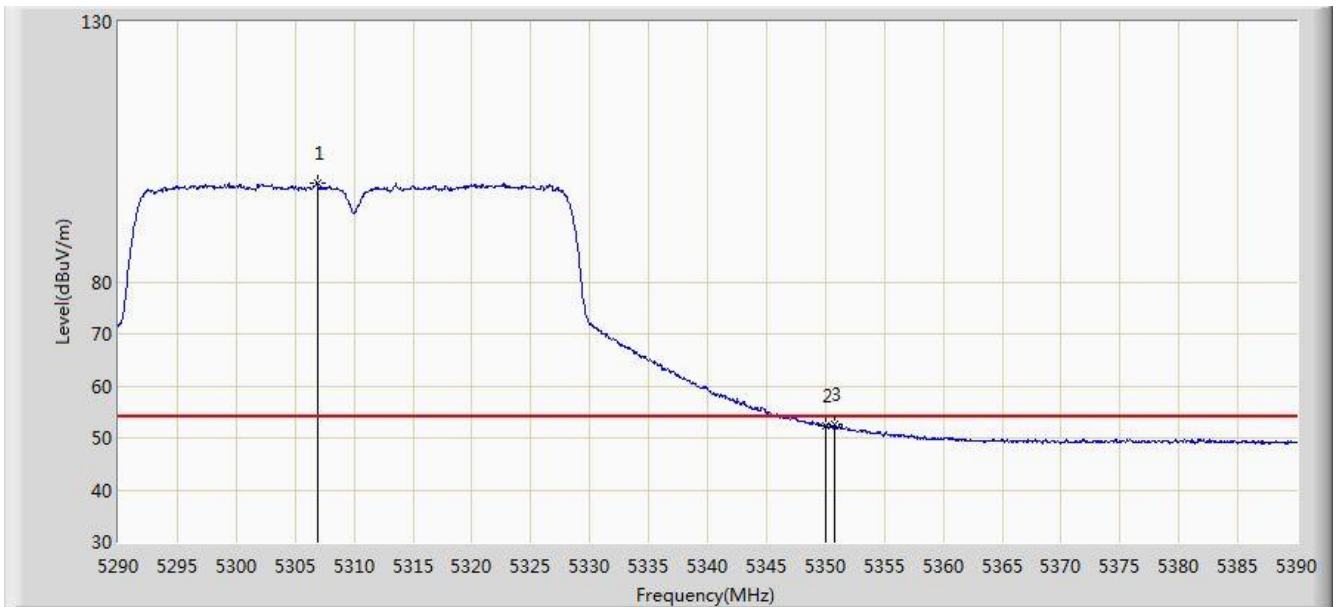


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5318.950        | 111.405                | 105.117              | N/A             | N/A            | 6.288       | PK   |
| 2  |      |      | 5350.000        | 63.680                 | 57.220               | -10.320         | 74.000         | 6.460       | PK   |
| 3  |      |      | 5350.200        | 65.858                 | 59.397               | -8.142          | 74.000         | 6.461       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:44 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz, Ant 0 + 1 + 2 |                          |

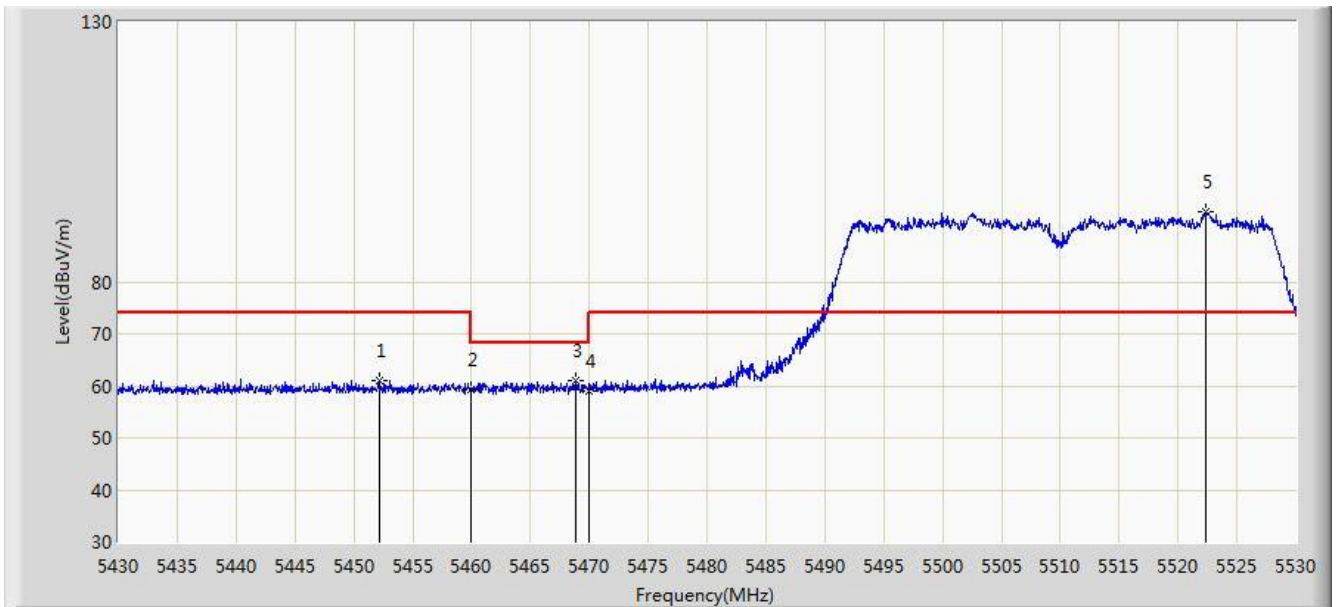


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5306.900        | 98.861                 | 92.595               | N/A             | N/A            | 6.266       | AV   |
| 2  |      |      | 5350.000        | 52.454                 | 45.994               | -1.546          | 54.000         | 6.460       | AV   |
| 3  |      |      | 5350.750        | 52.488                 | 46.024               | -1.512          | 54.000         | 6.463       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:01 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz, Ant 0 + 1 + 2 |                          |

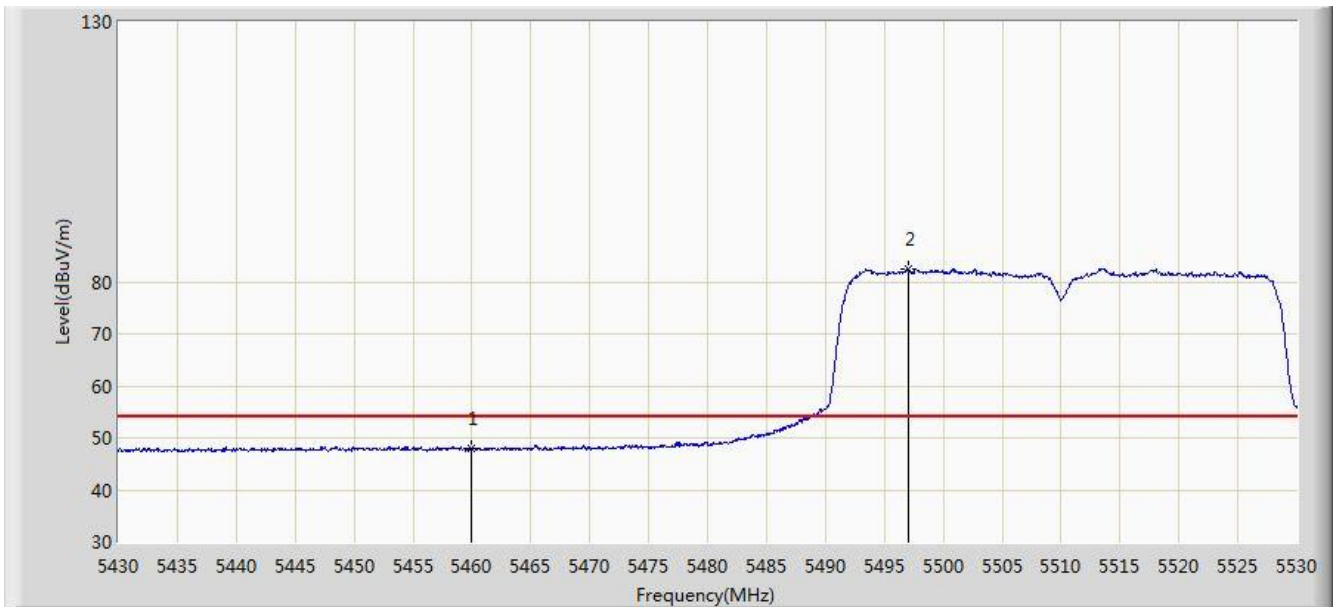


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5452.150        | 60.883                 | 54.122               | -13.117         | 74.000         | 6.760       | PK   |
| 2  |      |      | 5460.000        | 59.169                 | 52.367               | -14.831         | 74.000         | 6.802       | PK   |
| 3  |      |      | 5468.850        | 61.047                 | 54.207               | -7.153          | 68.200         | 6.840       | PK   |
| 4  |      |      | 5470.000        | 59.023                 | 52.178               | -9.177          | 68.200         | 6.845       | PK   |
| 5  |      | *    | 5522.400        | 93.463                 | 86.647               | N/A             | N/A            | 6.815       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:03 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz, Ant 0 + 1 + 2 |                          |

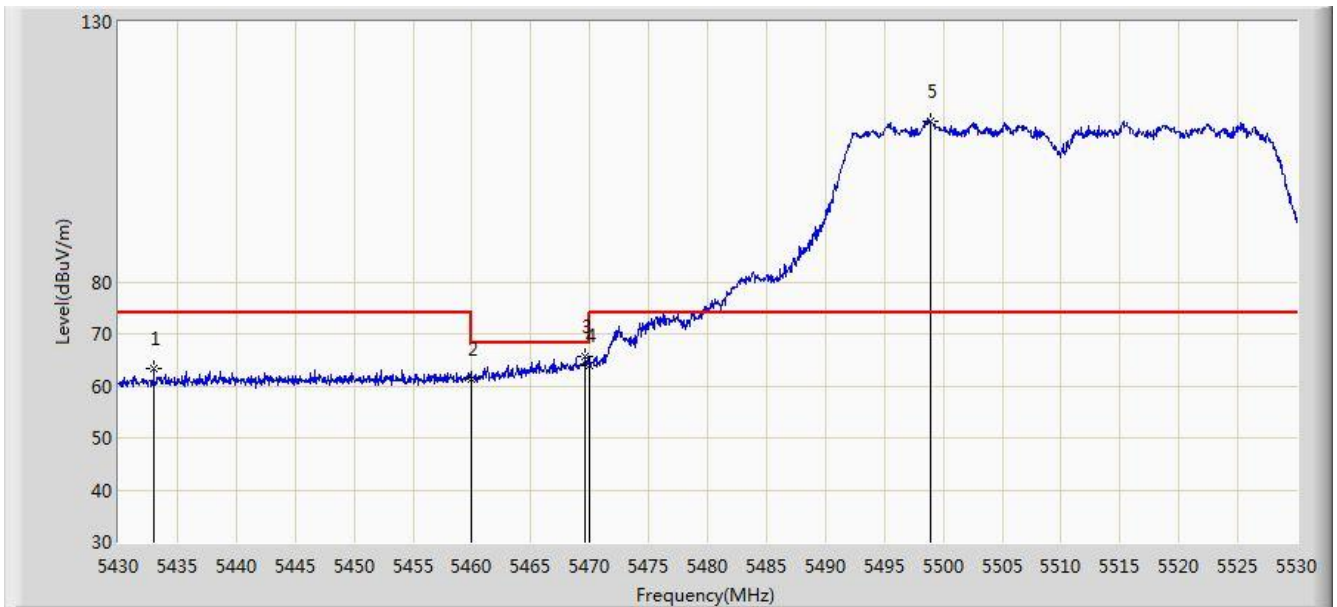


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5460.000        | 47.843                 | 41.041               | -6.157          | 54.000         | 6.802       | AV   |
| 2  |      | *    | 5497.000        | 82.445                 | 75.621               | N/A             | N/A            | 6.825       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:57 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz, Ant 0 + 1 + 2 |                          |

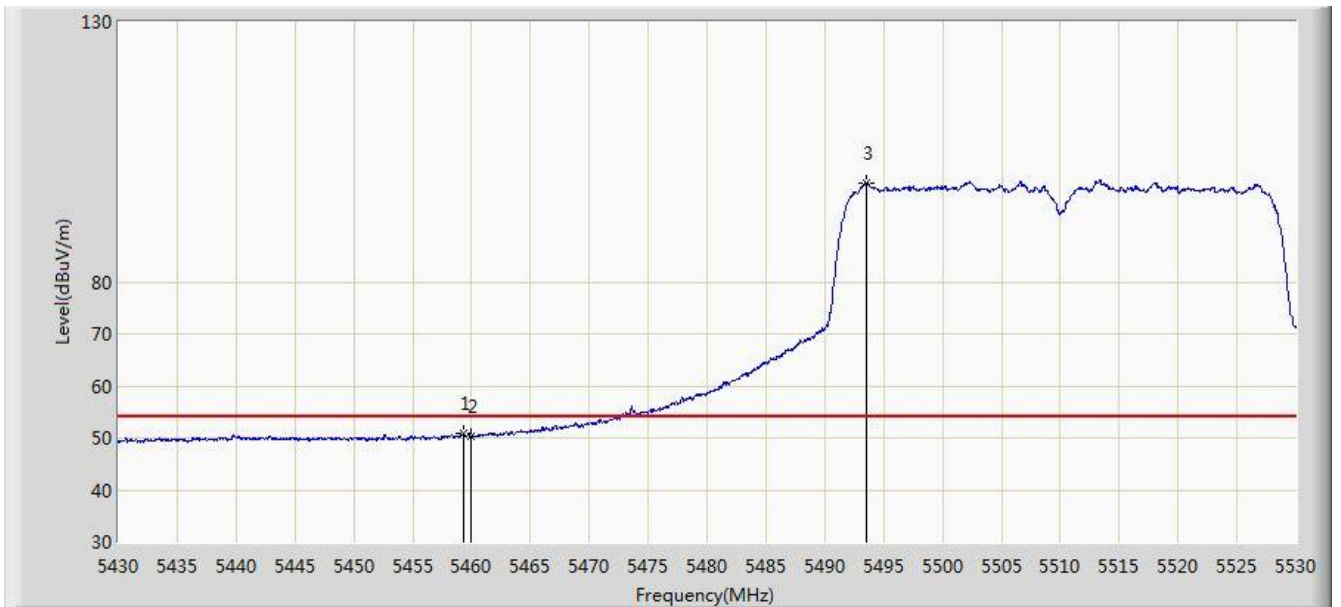


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5433.000        | 63.196                 | 56.557               | -10.804         | 74.000         | 6.639       | PK   |
| 2  |      |      | 5460.000        | 61.352                 | 54.550               | -12.648         | 74.000         | 6.802       | PK   |
| 3  |      |      | 5469.600        | 65.552                 | 58.709               | -2.648          | 68.200         | 6.844       | PK   |
| 4  |      |      | 5470.000        | 64.036                 | 57.191               | -4.164          | 68.200         | 6.845       | PK   |
| 5  |      | *    | 5498.900        | 110.765                | 103.944              | N/A             | N/A            | 6.822       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 07:59 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz, Ant 0 + 1 + 2 |                          |

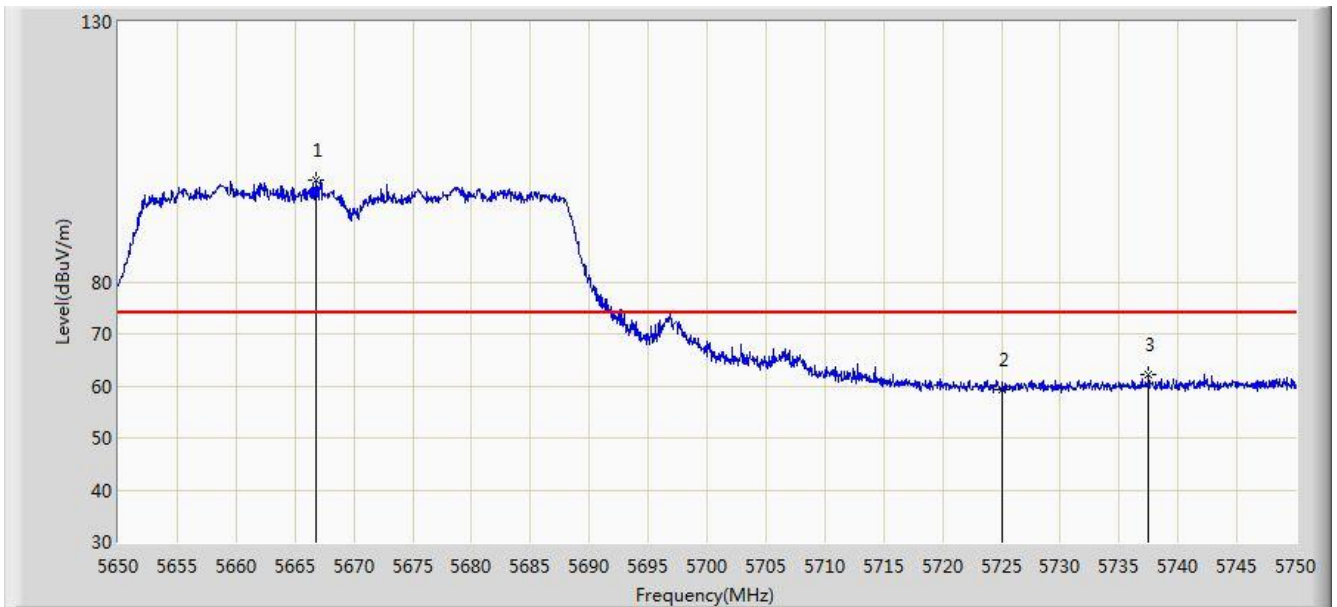


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5459.300        | 50.819                 | 44.020               | -3.181          | 54.000         | 6.798       | AV   |
| 2  |      |      | 5460.000        | 50.202                 | 43.400               | -3.798          | 54.000         | 6.802       | AV   |
| 3  |      | *    | 5493.550        | 99.119                 | 92.289               | N/A             | N/A            | 6.830       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:11 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz, Ant 0 + 1 + 2 |                          |

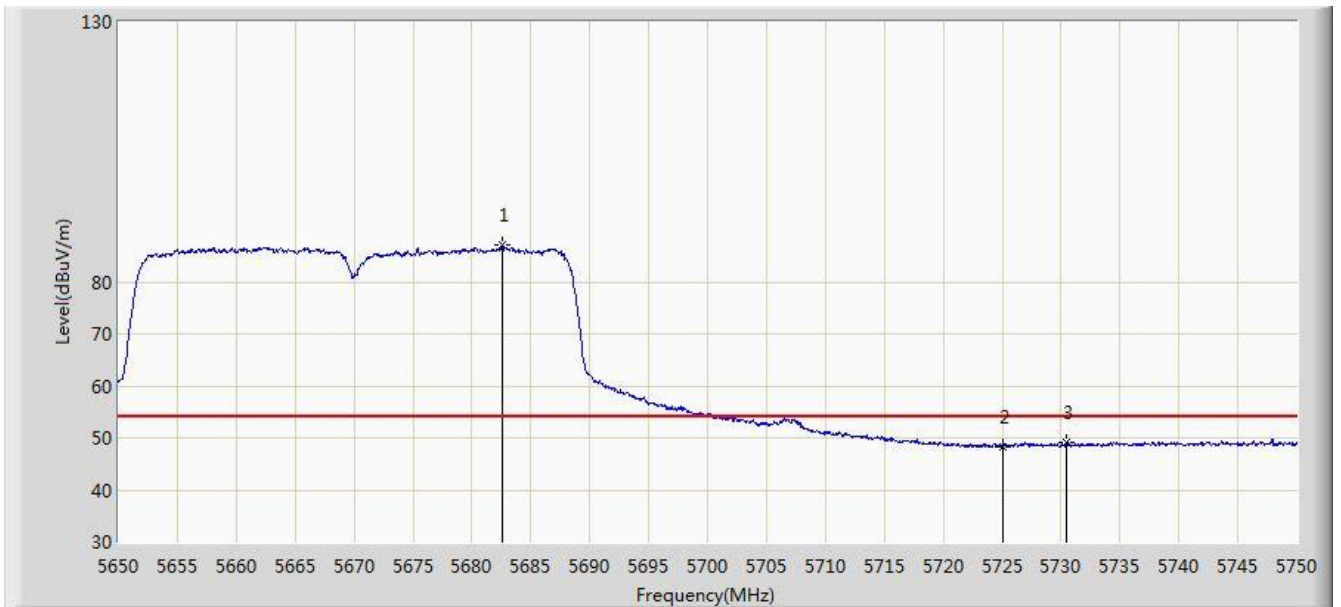


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5666.850        | 99.476                 | 92.434               | N/A             | N/A            | 7.043       | PK   |
| 2  |      |      | 5725.000        | 59.180                 | 51.852               | -14.820         | 74.000         | 7.328       | PK   |
| 3  |      |      | 5737.500        | 62.173                 | 54.791               | -11.827         | 74.000         | 7.382       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:12 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz, Ant 0 + 1 + 2 |                          |



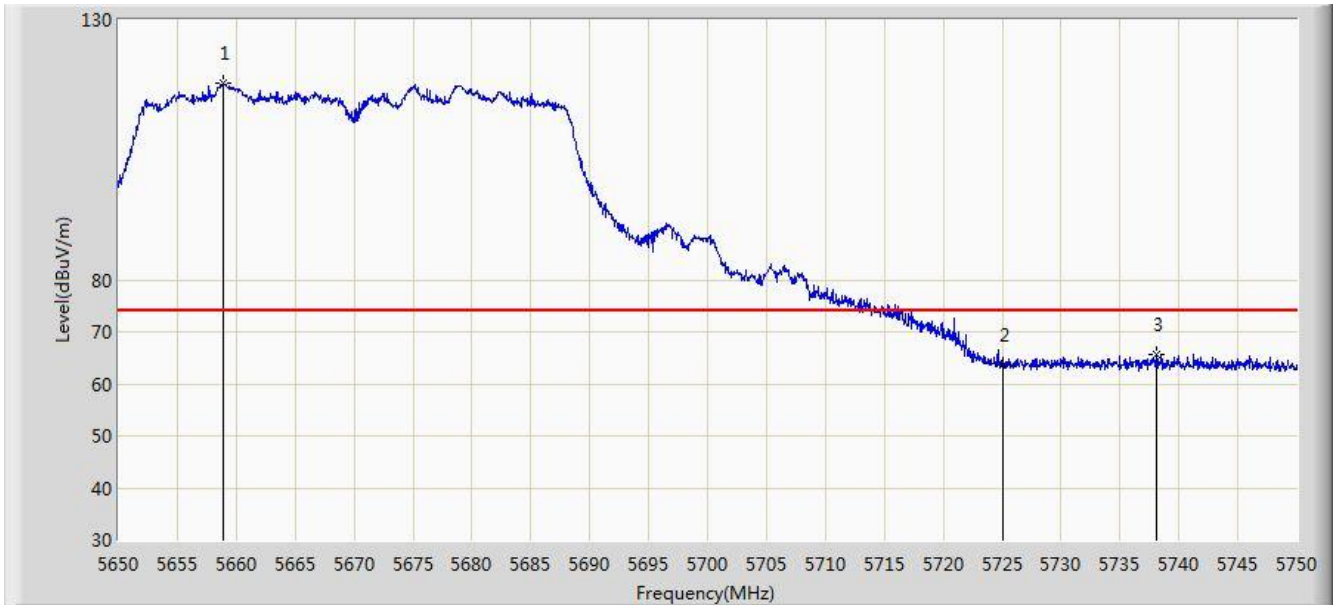
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5682.550        | 87.135                 | 80.056               | N/A             | N/A            | 7.079       | AV   |
| 2  |      |      | 5725.000        | 48.172                 | 40.844               | -5.828          | 54.000         | 7.328       | AV   |
| 3  |      |      | 5730.450        | 49.158                 | 41.806               | -4.842          | 54.000         | 7.352       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:10 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz, Ant 0 + 1 + 2 |                          |

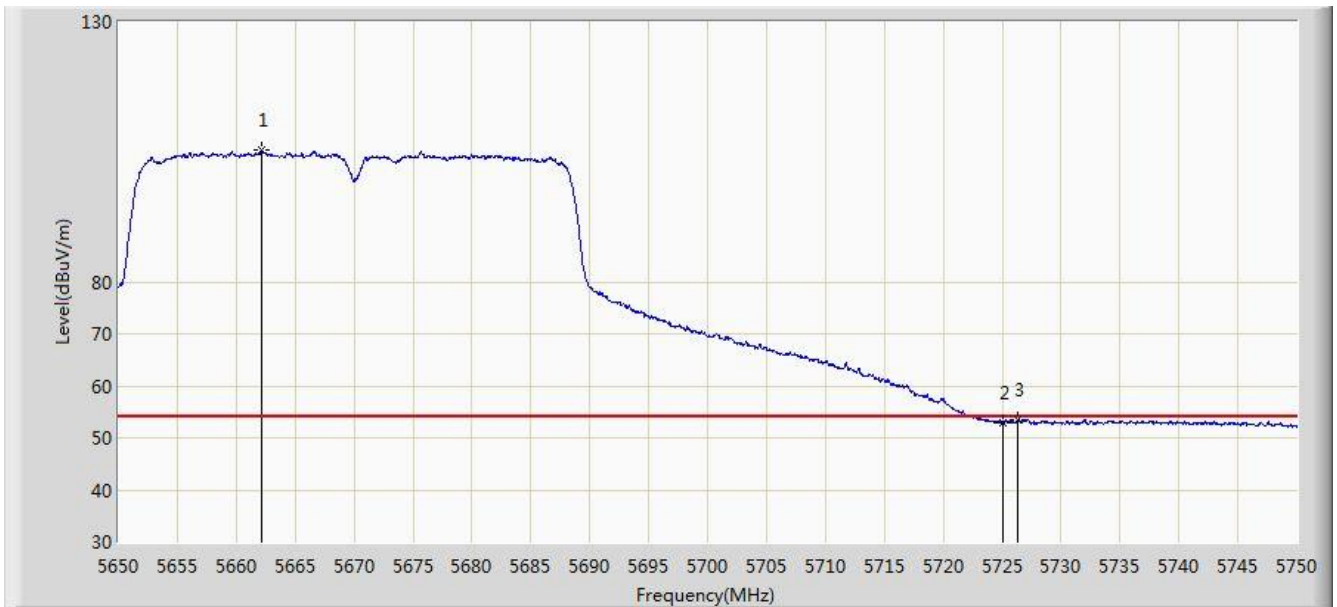


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5658.900        | 117.746                | 110.717              | N/A             | N/A            | 7.029       | PK   |
| 2  |      |      | 5725.000        | 63.709                 | 56.381               | -10.291         | 74.000         | 7.328       | PK   |
| 3  |      |      | 5738.050        | 65.724                 | 58.340               | -8.276          | 74.000         | 7.385       | 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: 2018/03/24 - 08:07 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz, Ant 0 + 1 + 2 |                          |

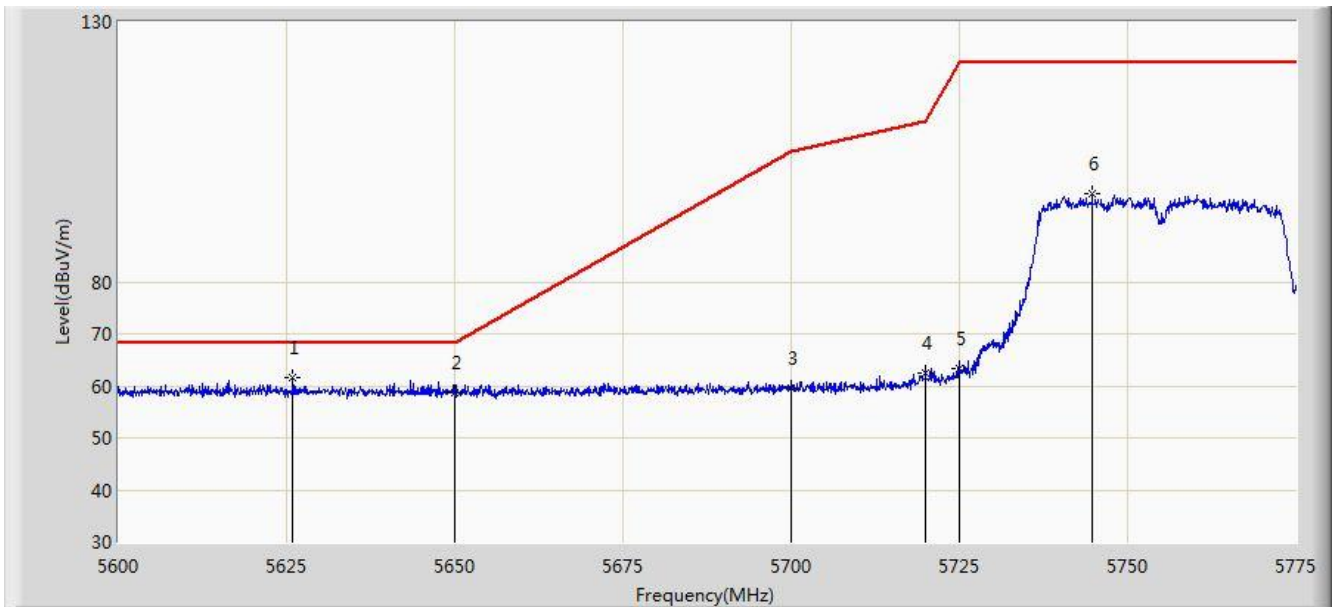


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5662.150        | 105.227                | 98.192               | N/A             | N/A            | 7.036       | AV   |
| 2  |      |      | 5725.000        | 52.969                 | 45.641               | -1.031          | 54.000         | 7.328       | AV   |
| 3  |      |      | 5726.350        | 53.443                 | 46.108               | -0.557          | 54.000         | 7.335       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:17 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz, Ant 0 + 1 + 2 |                          |

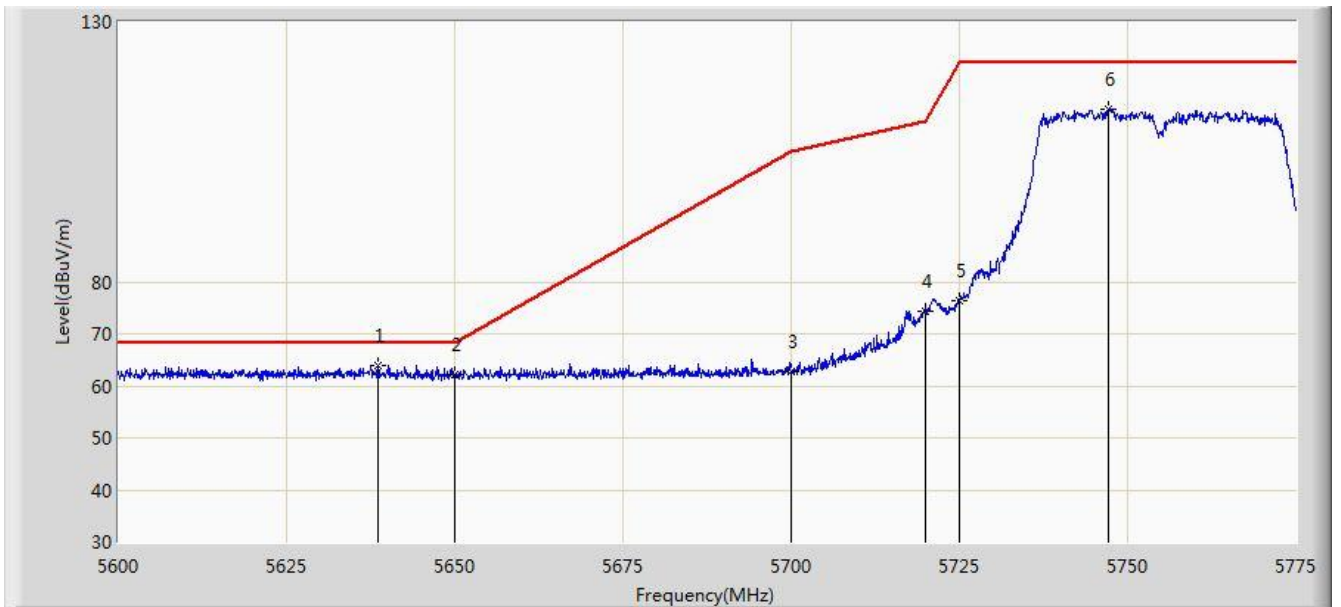


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5625.900        | 61.704                 | 54.693               | -6.496          | 68.200         | 7.012       | PK   |
| 2  |      |      | 5650.000        | 58.622                 | 51.617               | -9.578          | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 59.521                 | 52.356               | -45.679         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 62.577                 | 55.278               | -48.223         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 63.286                 | 55.958               | -58.914         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5744.725        | 97.024                 | 89.620               | N/A             | N/A            | 7.405       | 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: 2018/03/24 - 08:15 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz, Ant 0 + 1 + 2 |                          |

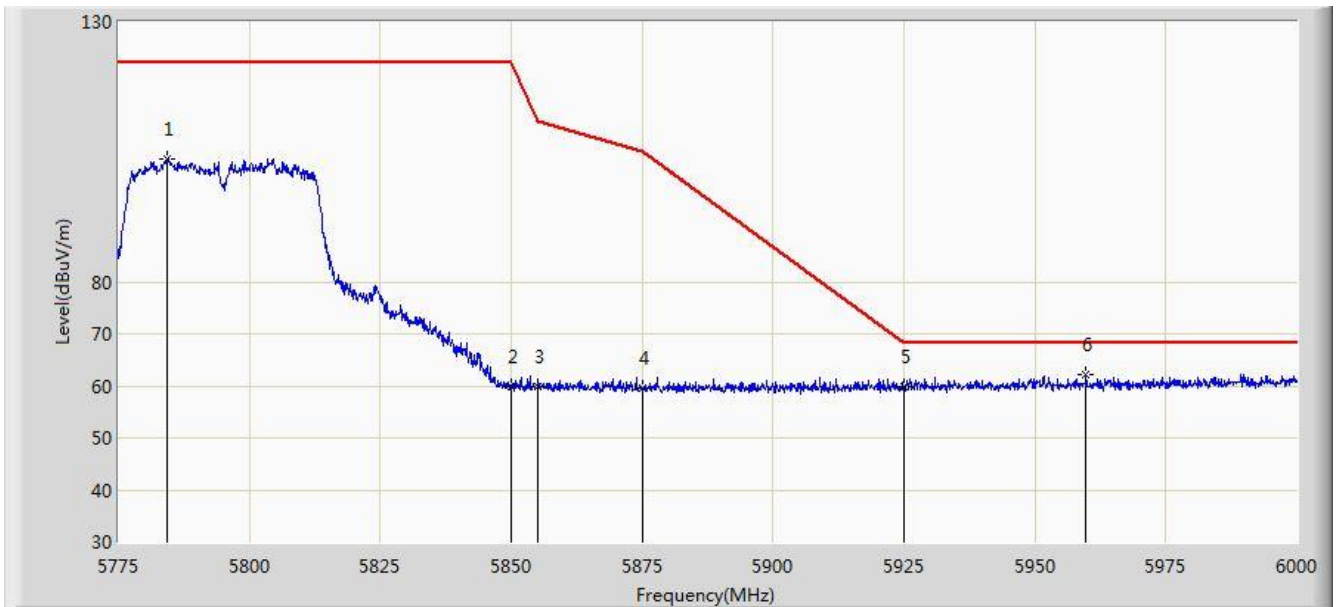


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5638.675        | 63.852                 | 56.863               | -4.348          | 68.200         | 6.990       | PK   |
| 2  |      |      | 5650.000        | 62.179                 | 55.174               | -6.021          | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 62.648                 | 55.483               | -42.552         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 74.391                 | 67.092               | -36.409         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 76.508                 | 69.180               | -45.692         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5747.175        | 113.214                | 105.808              | N/A             | N/A            | 7.407       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:21 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz, Ant 0 + 1 + 2 |                          |

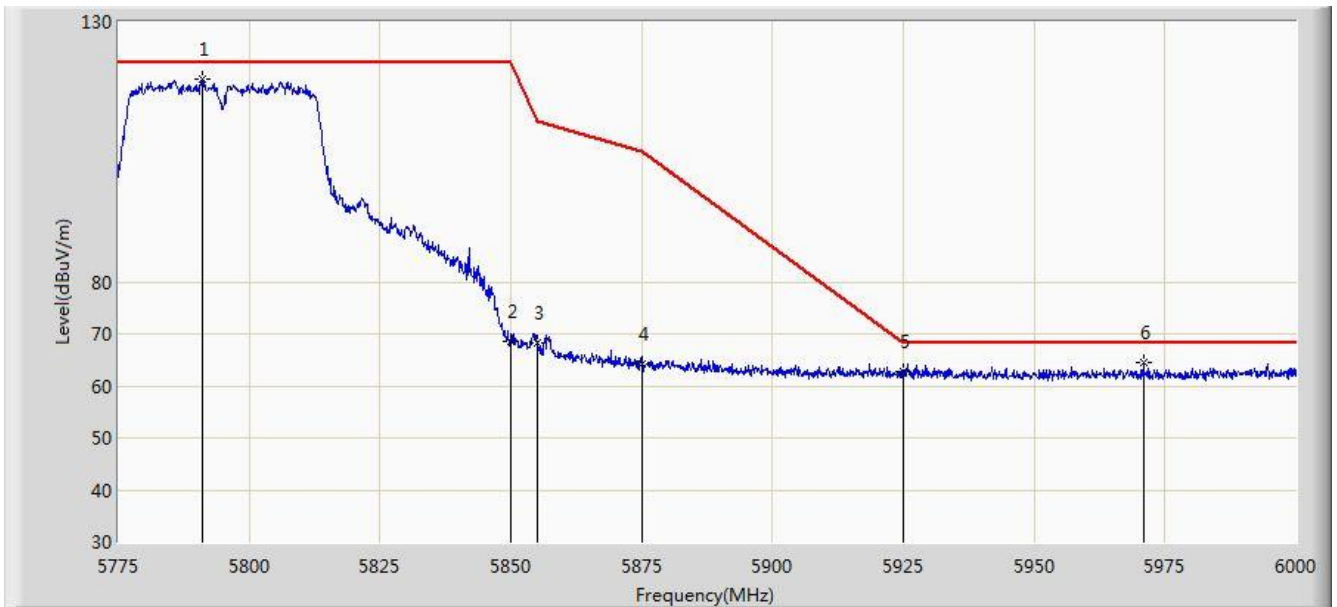


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5784.337        | 103.664                | 96.163               | N/A             | N/A            | 7.501       | PK   |
| 2  |      |      | 5850.000        | 59.723                 | 51.950               | -62.477         | 122.200        | 7.774       | PK   |
| 3  |      |      | 5855.000        | 59.974                 | 52.198               | -50.826         | 110.800        | 7.775       | PK   |
| 4  |      |      | 5875.000        | 59.593                 | 51.775               | -45.607         | 105.200        | 7.818       | PK   |
| 5  |      |      | 5925.000        | 59.865                 | 52.046               | -8.335          | 68.200         | 7.819       | PK   |
| 6  |      | *    | 5959.725        | 62.157                 | 54.301               | -6.043          | 68.200         | 7.856       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:19 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz, Ant 0 + 1 + 2 |                          |

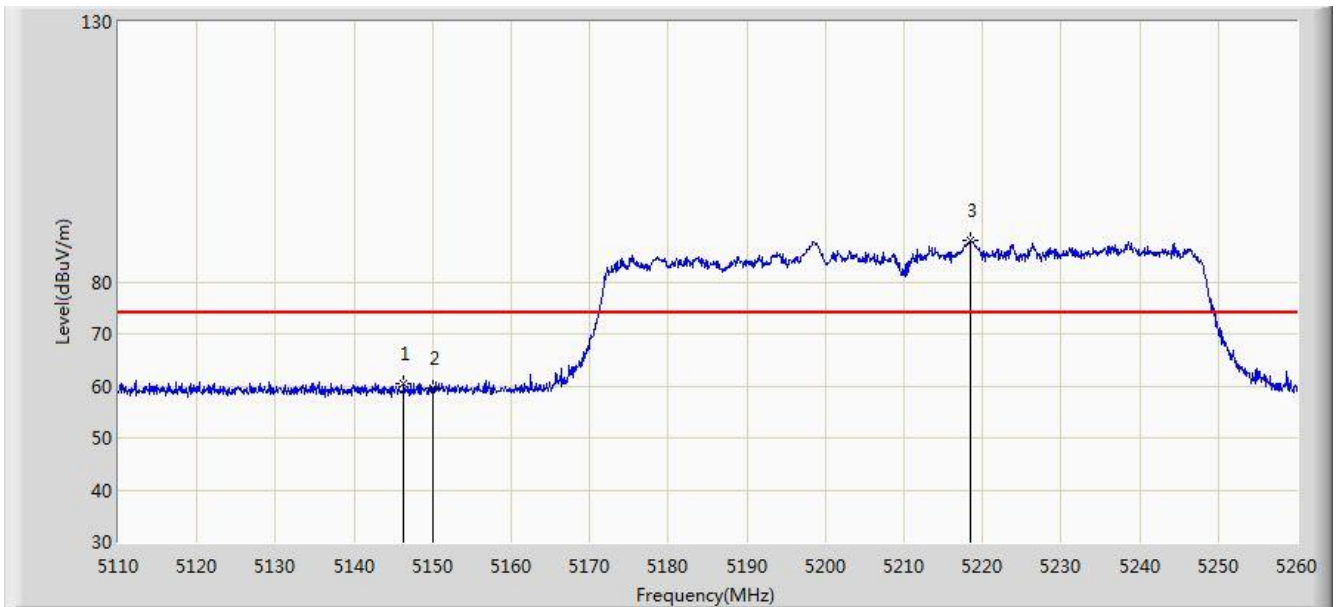


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5791.087        | 118.882                | 111.356              | N/A             | N/A            | 7.526       | PK   |
| 2  |      |      | 5850.000        | 68.502                 | 60.729               | -53.698         | 122.200        | 7.774       | PK   |
| 3  |      |      | 5855.000        | 68.376                 | 60.600               | -42.424         | 110.800        | 7.775       | PK   |
| 4  |      |      | 5875.000        | 64.254                 | 56.436               | -40.946         | 105.200        | 7.818       | PK   |
| 5  |      |      | 5925.000        | 62.745                 | 54.926               | -5.455          | 68.200         | 7.819       | PK   |
| 6  |      |      | 5970.862        | 64.587                 | 56.714               | -3.613          | 68.200         | 7.873       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:33 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz, Ant 0 + 1 + 2 |                          |

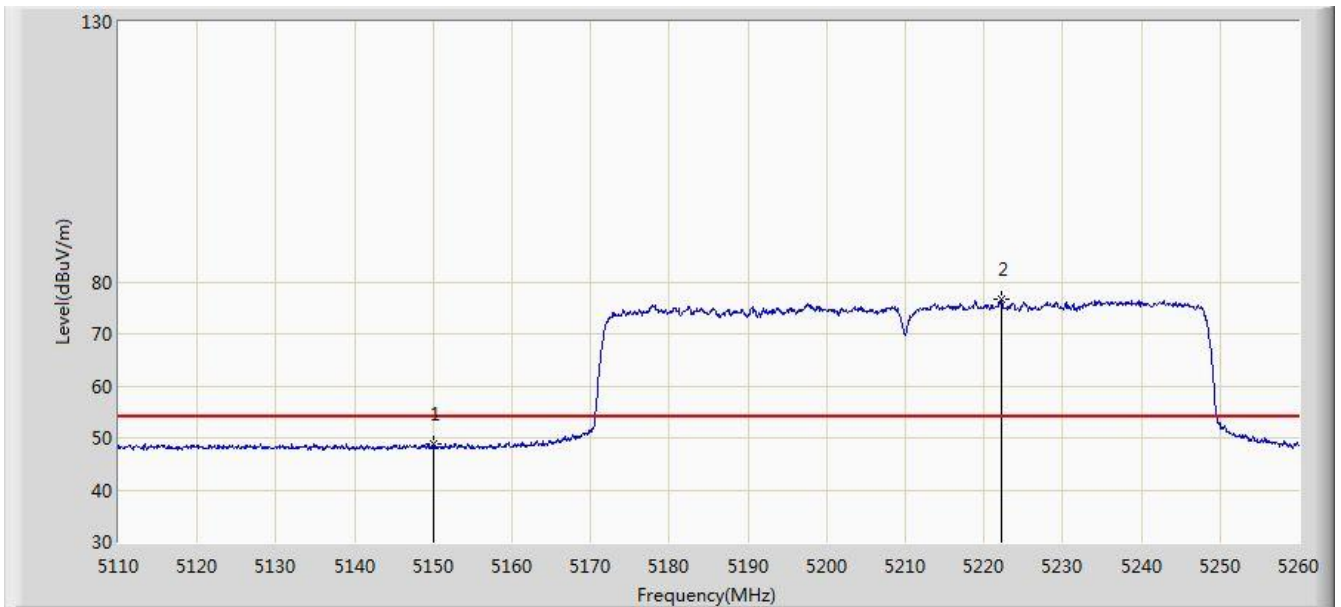


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5146.300        | 60.371                 | 53.802               | -13.629         | 74.000         | 6.568       | PK   |
| 2  |      |      | 5150.000        | 59.567                 | 53.005               | -14.433         | 74.000         | 6.562       | PK   |
| 3  |      | *    | 5218.525        | 88.104                 | 81.711               | N/A             | N/A            | 6.393       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:34 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz, Ant 0 + 1 + 2 |                          |



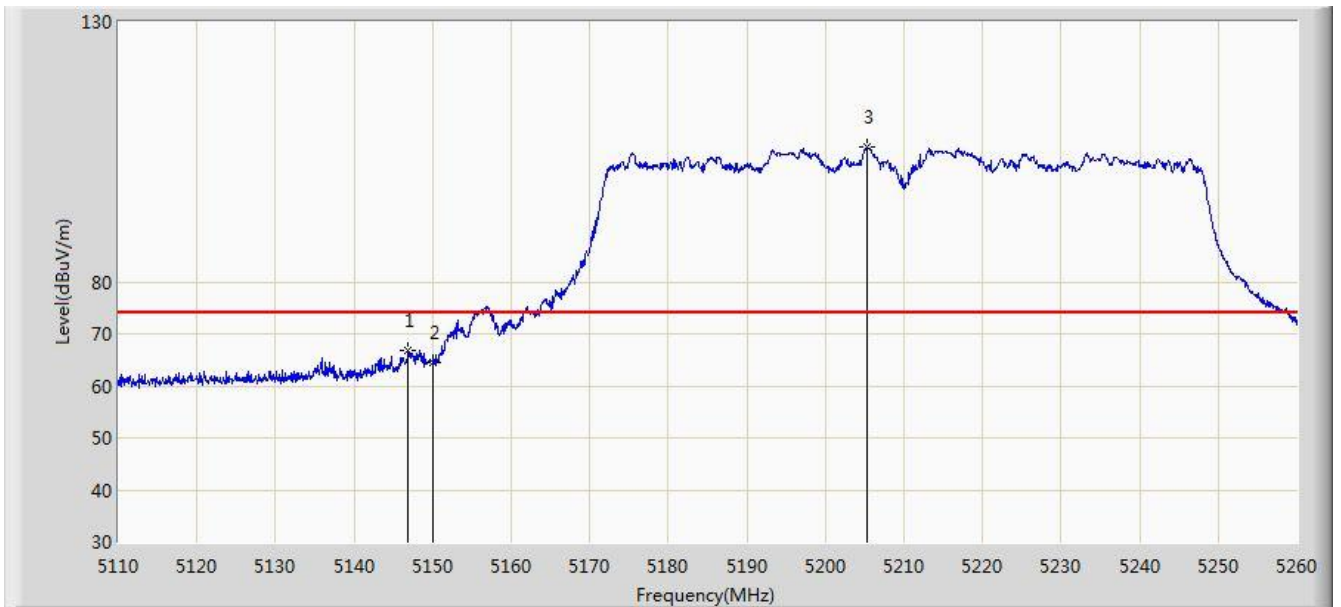
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5150.000        | 48.718                 | 42.156               | -5.282          | 54.000         | 6.562       | AV   |
| 2  |      | *    | 5222.125        | 76.589                 | 70.192               | N/A             | N/A            | 6.397       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:32 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz, Ant 0 + 1 + 2 |                          |

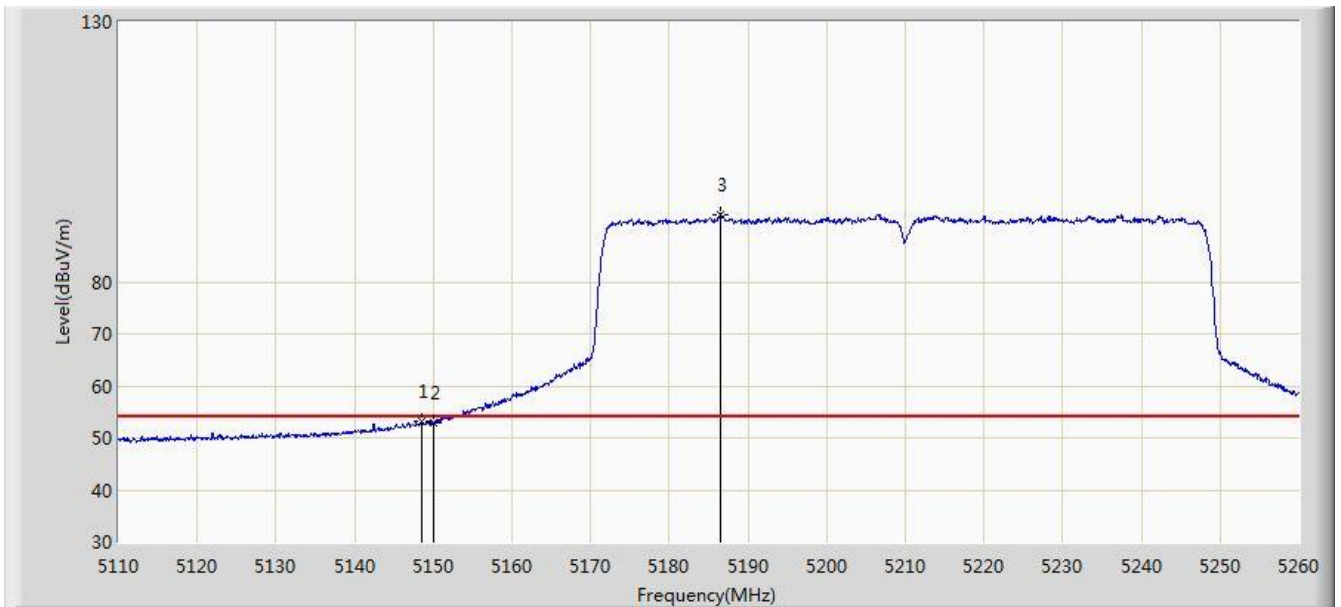


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5146.825        | 66.845                 | 60.279               | -7.155          | 74.000         | 6.565       | PK   |
| 2  |      |      | 5150.000        | 64.428                 | 57.866               | -9.572          | 74.000         | 6.562       | PK   |
| 3  |      | *    | 5205.325        | 105.821                | 99.469               | N/A             | N/A            | 6.352       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:30 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz, Ant 0 + 1 + 2 |                          |

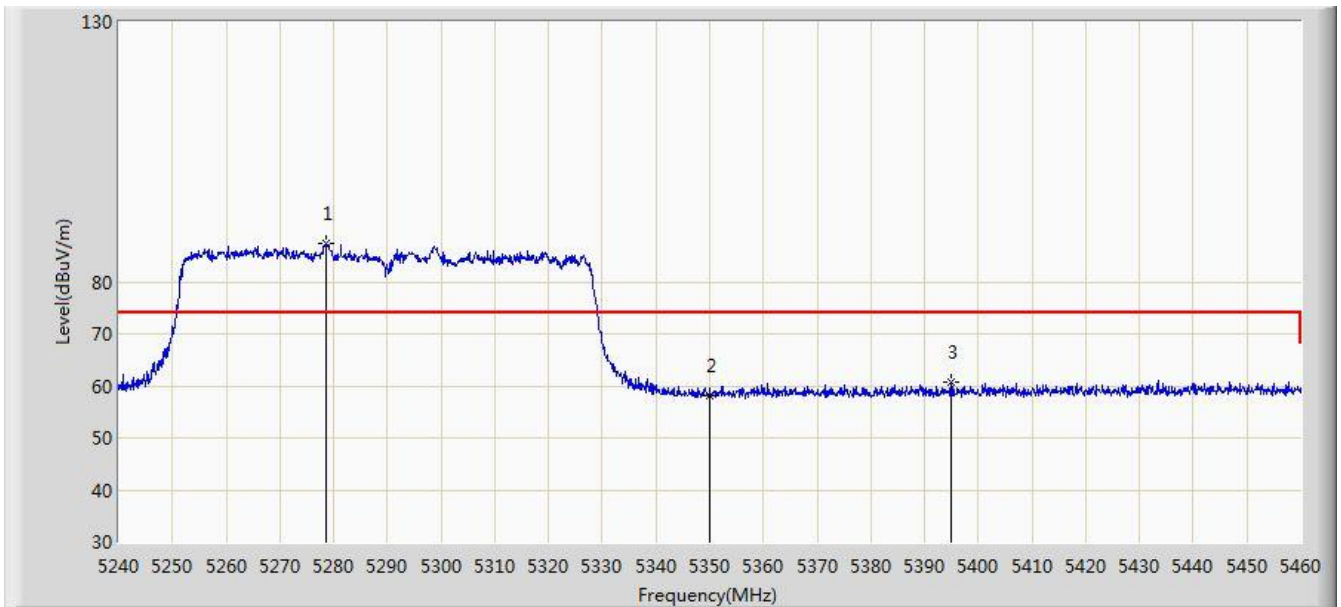


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5148.625        | 53.159                 | 46.599               | -0.841          | 54.000         | 6.559       | AV   |
| 2  |      |      | 5150.000        | 52.950                 | 46.388               | -1.050          | 54.000         | 6.562       | AV   |
| 3  |      | *    | 5186.425        | 92.997                 | 86.595               | N/A             | N/A            | 6.402       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:43 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz, Ant 0 + 1 + 2 |                          |

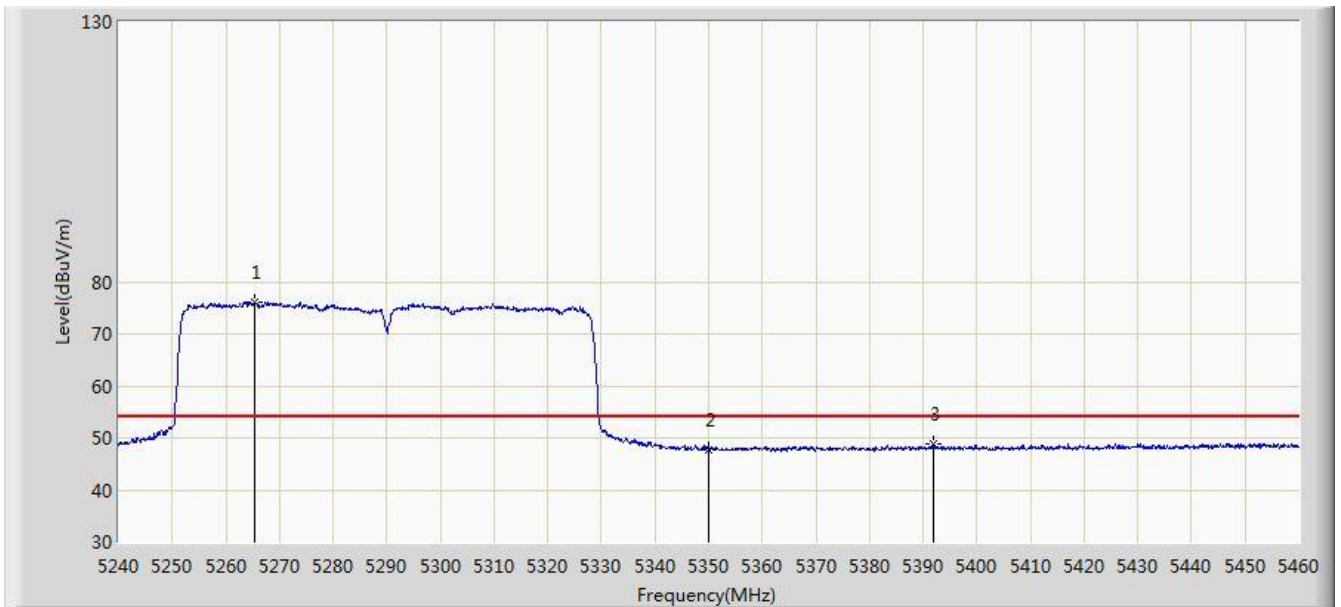


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5278.500        | 87.449                 | 81.158               | N/A             | N/A            | 6.292       | PK   |
| 2  |      |      | 5350.000        | 58.231                 | 51.771               | -15.769         | 74.000         | 6.460       | PK   |
| 3  |      |      | 5394.990        | 60.831                 | 54.280               | -13.169         | 74.000         | 6.551       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:44 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz, Ant 0 + 1 + 2 |                          |

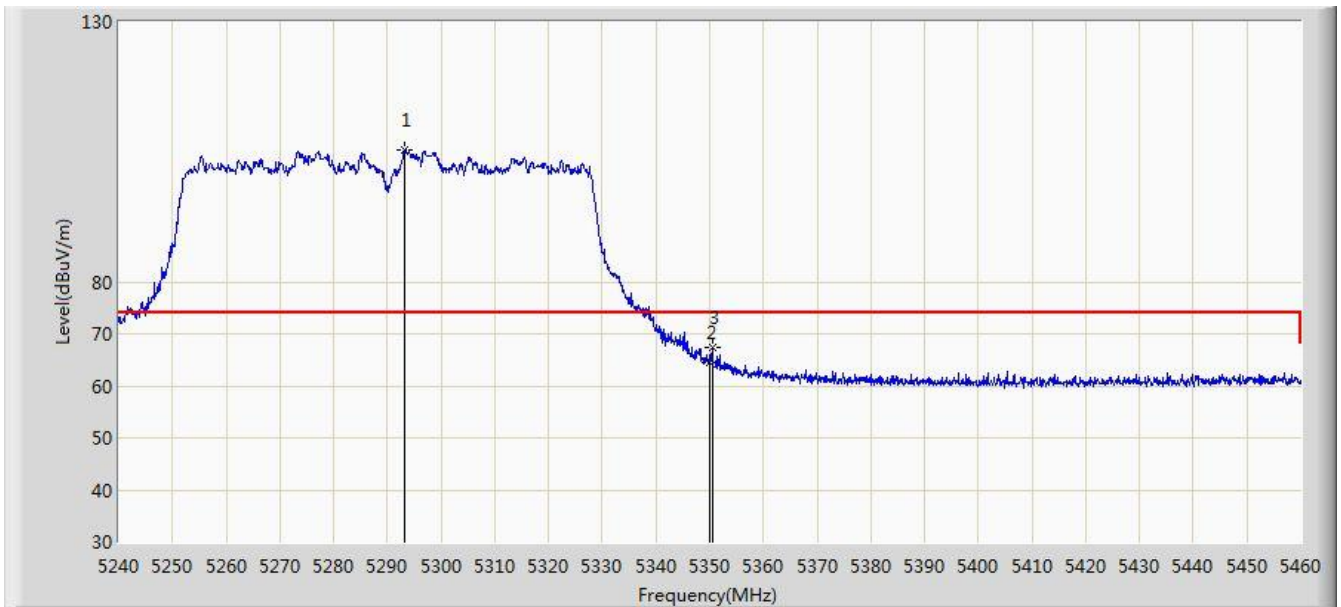


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5265.410        | 76.174                 | 69.854               | N/A             | N/A            | 6.320       | AV   |
| 2  |      |      | 5350.000        | 47.627                 | 41.167               | -6.373          | 54.000         | 6.460       | AV   |
| 3  |      |      | 5391.800        | 48.736                 | 42.185               | -5.264          | 54.000         | 6.551       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:41 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz, Ant 0 + 1 + 2 |                          |

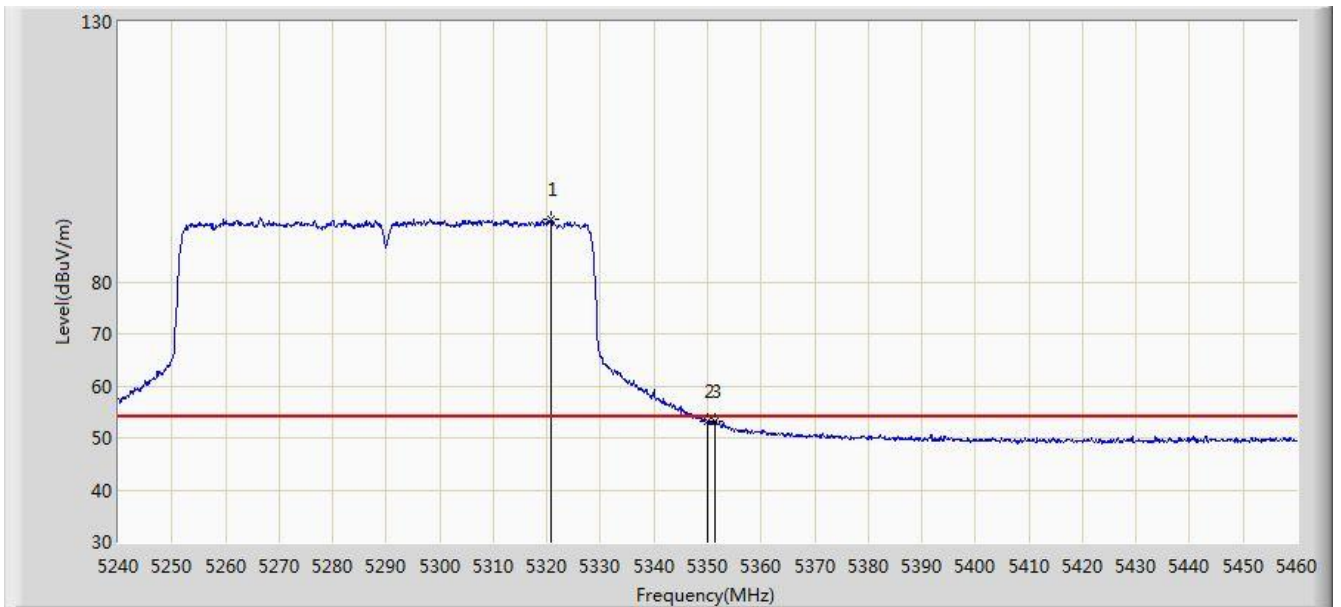


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5293.240        | 105.397                | 99.135               | N/A             | N/A            | 6.262       | PK   |
| 2  |      |      | 5350.000        | 64.531                 | 58.071               | -9.469          | 74.000         | 6.460       | PK   |
| 3  |      |      | 5350.550        | 67.451                 | 60.988               | -6.549          | 74.000         | 6.463       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/24 - 08:40 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz, Ant 0 + 1 + 2 |                          |

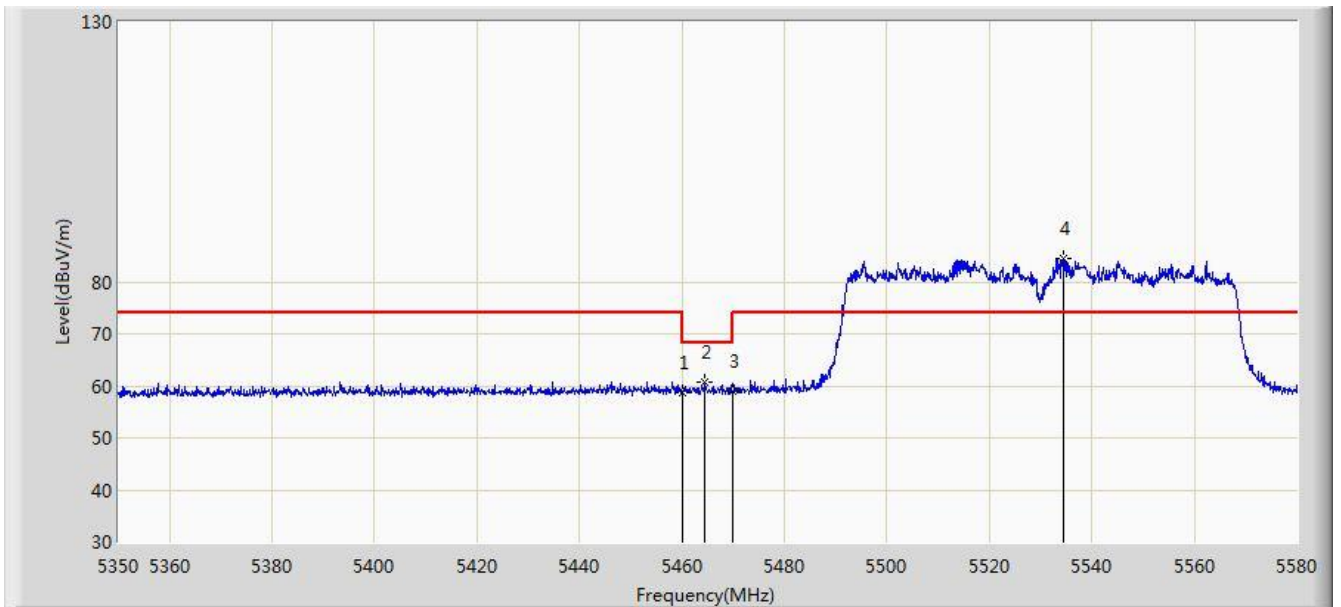


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5320.850        | 92.133                 | 85.835               | N/A             | N/A            | 6.298       | AV   |
| 2  |      |      | 5350.000        | 53.262                 | 46.802               | -0.738          | 54.000         | 6.460       | AV   |
| 3  |      |      | 5351.430        | 53.297                 | 46.829               | -0.703          | 54.000         | 6.468       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/27 - 01:10 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 + 2 |                          |

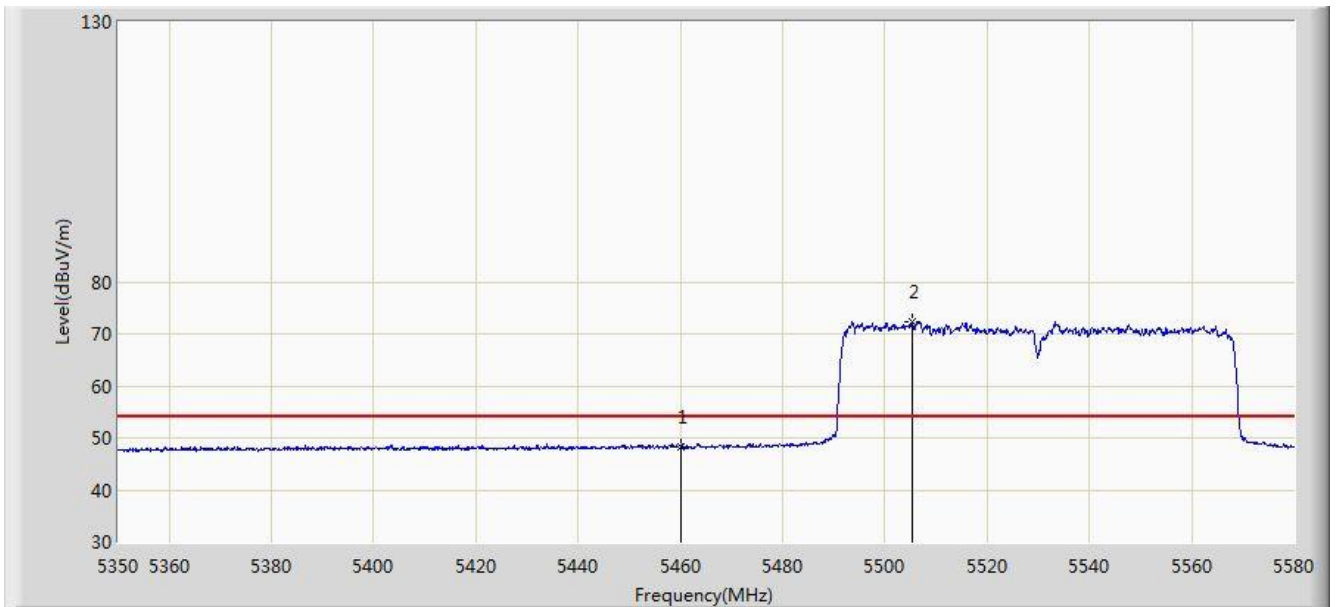


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5460.000        | 58.620                 | 51.818               | -15.380         | 74.000         | 6.802       | PK   |
| 2  |      |      | 5464.540        | 60.650                 | 53.829               | -7.550          | 68.200         | 6.822       | PK   |
| 3  |      |      | 5470.000        | 58.893                 | 52.048               | -9.307          | 68.200         | 6.845       | PK   |
| 4  |      | *    | 5534.345        | 84.357                 | 77.483               | N/A             | N/A            | 6.875       | 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: 2018/03/27 - 01:12 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 + 2 |                          |



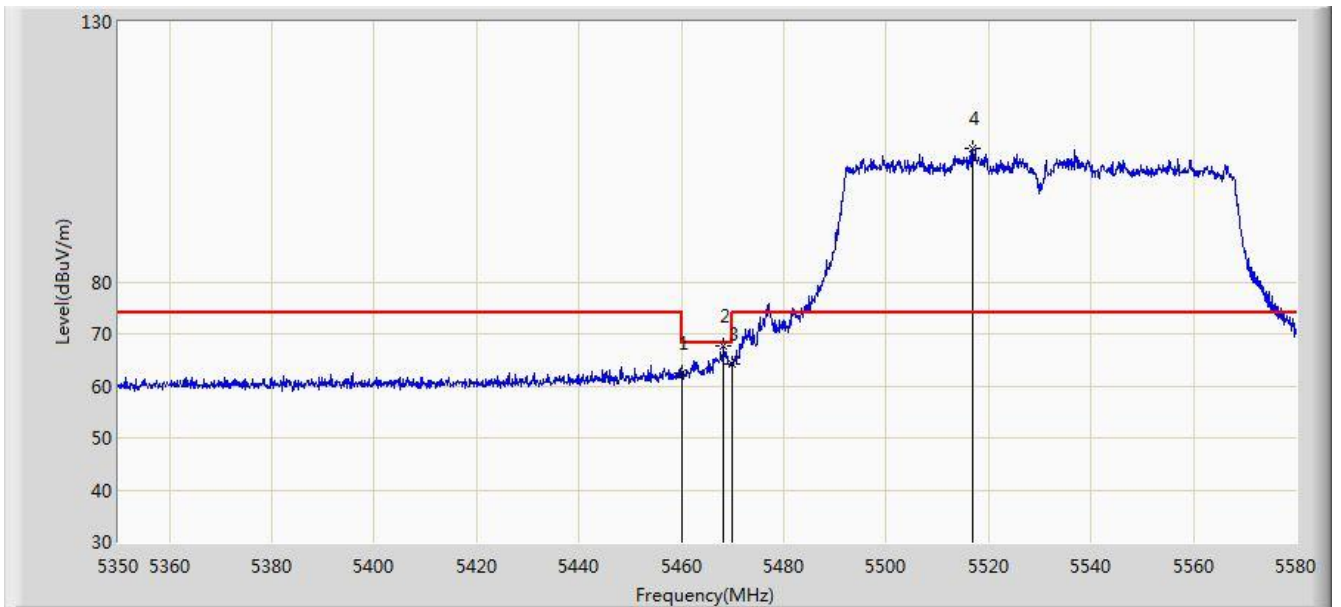
| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5460.000        | 48.204                 | 41.402               | -5.796          | 54.000         | 6.802       | AV   |
| 2  |      | *    | 5505.365        | 72.415                 | 65.604               | N/A             | N/A            | 6.811       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/27 - 01:07 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 + 2 |                          |

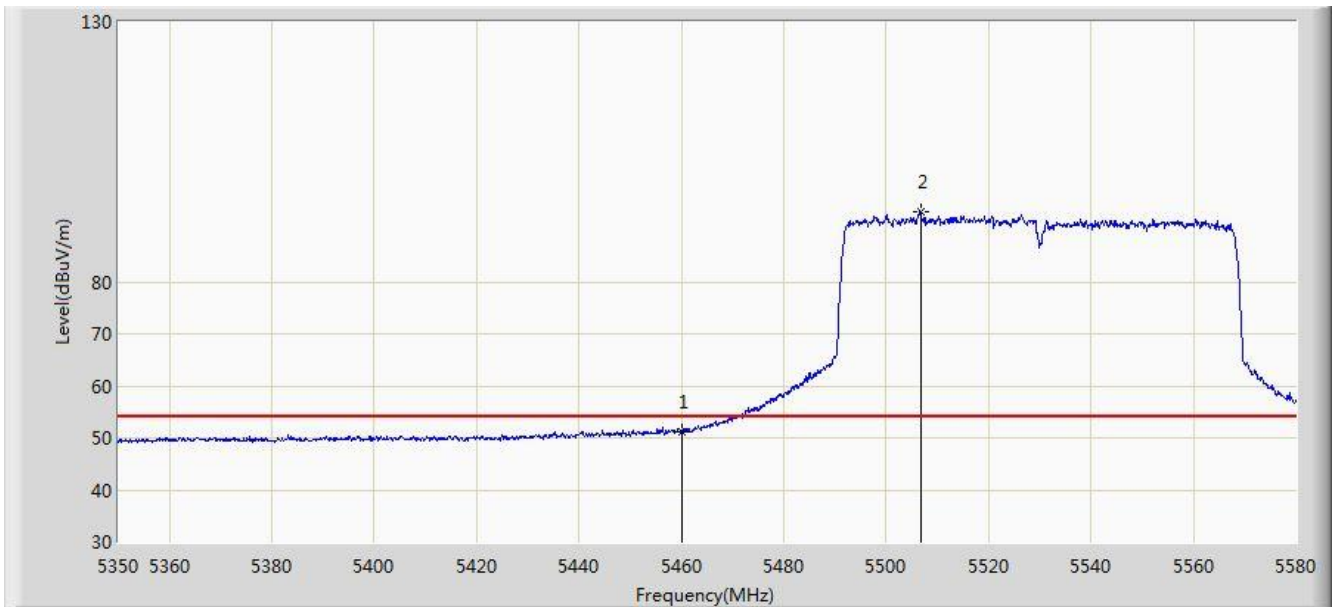


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5460.000        | 62.369                 | 55.567               | -11.631         | 74.000         | 6.802       | PK   |
| 2  |      |      | 5468.220        | 67.735                 | 60.898               | -0.465          | 68.200         | 6.836       | PK   |
| 3  |      |      | 5470.000        | 64.214                 | 57.369               | -3.986          | 68.200         | 6.845       | PK   |
| 4  |      | *    | 5516.750        | 105.666                | 98.853               | N/A             | N/A            | 6.813       | PK   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/27 - 01:08 |
| Limit: FCC_Part15.209_RE(3m)  | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz, Ant 0 + 1 + 2 |                          |

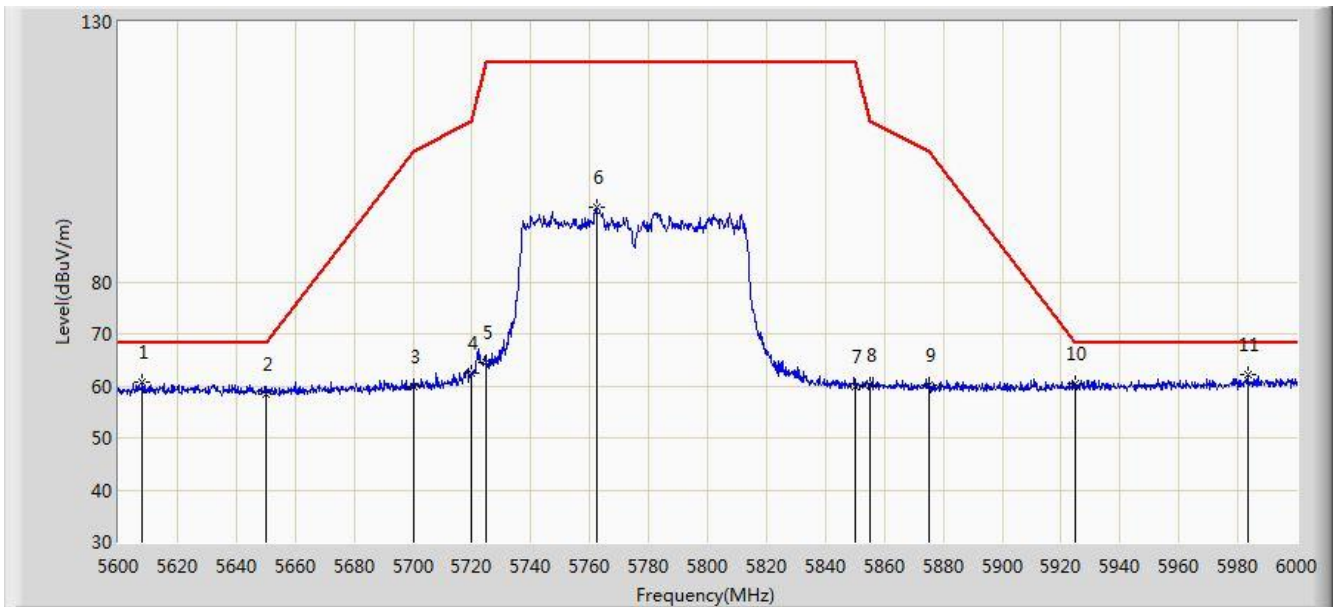


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5460.000        | 51.111                 | 44.309               | -2.889          | 54.000         | 6.802       | AV   |
| 2  |      | *    | 5506.745        | 93.547                 | 86.736               | N/A             | N/A            | 6.812       | AV   |

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

|   |                          |
|---|--------------------------|
| Site: AC1   | Time: 2018/03/27 - 01:48 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Horizontal     |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz, Ant 0 + 1 + 2 |                          |

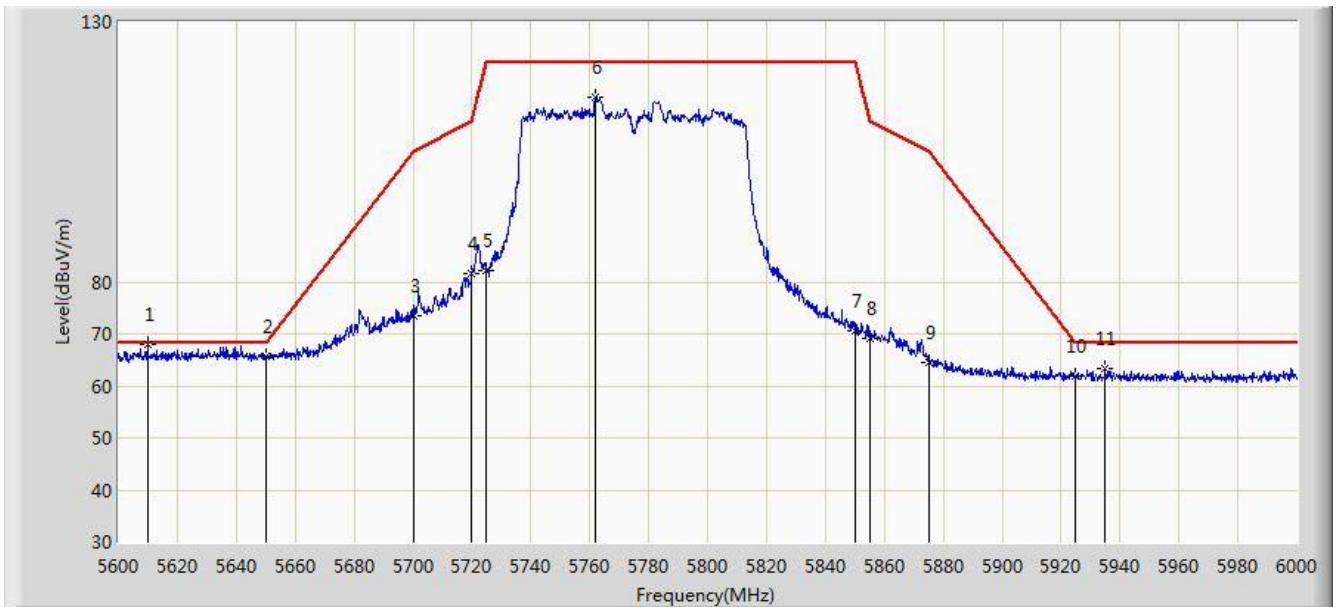


| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      |      | 5608.200        | 60.598                 | 53.617               | -7.602          | 68.200         | 6.980       | PK   |
| 2  |      |      | 5650.000        | 58.511                 | 51.506               | -9.689          | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 59.719                 | 52.554               | -45.481         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 62.336                 | 55.037               | -48.464         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 64.421                 | 57.093               | -57.779         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5762.200        | 94.456                 | 87.035               | N/A             | N/A            | 7.421       | PK   |
| 7  |      |      | 5850.000        | 59.858                 | 52.085               | -62.342         | 122.200        | 7.774       | PK   |
| 8  |      |      | 5855.000        | 60.087                 | 52.311               | -50.713         | 110.800        | 7.775       | PK   |
| 9  |      |      | 5875.000        | 60.092                 | 52.274               | -45.108         | 105.200        | 7.818       | PK   |
| 10 |      |      | 5925.000        | 60.501                 | 52.682               | -7.699          | 68.200         | 7.819       | PK   |
| 11 |      | *    | 5983.400        | 62.069                 | 54.168               | -6.131          | 68.200         | 7.902       | 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: 2018/03/27 - 01:42 |
| Limit: FCC_Part15.407_RE(3m)_Bandedge                                   | Engineer: Bruce Wang     |
| Probe: BBHA9120D_1-18GHz  | Polarity: Vertical       |
| EUT: 802.11ac Dual Band Module  | Power: DC 3.3V           |
| Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz, Ant 0 + 1 + 2 |                          |



| No | Flag | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | *    | 5609.800        | 67.865                 | 60.881               | -0.335          | 68.200         | 6.984       | PK   |
| 2  |      |      | 5650.000        | 65.640                 | 58.635               | -2.560          | 68.200         | 7.005       | PK   |
| 3  |      |      | 5700.000        | 73.529                 | 66.364               | -31.671         | 105.200        | 7.165       | PK   |
| 4  |      |      | 5720.000        | 81.716                 | 74.417               | -29.084         | 110.800        | 7.299       | PK   |
| 5  |      |      | 5725.000        | 82.224                 | 74.896               | -39.976         | 122.200        | 7.328       | PK   |
| 6  |      |      | 5762.000        | 115.412                | 107.992              | N/A             | N/A            | 7.420       | PK   |
| 7  |      |      | 5850.000        | 70.578                 | 62.805               | -51.622         | 122.200        | 7.774       | PK   |
| 8  |      |      | 5855.000        | 69.136                 | 61.360               | -41.664         | 110.800        | 7.775       | PK   |
| 9  |      |      | 5875.000        | 64.569                 | 56.751               | -40.631         | 105.200        | 7.818       | PK   |
| 10 |      |      | 5925.000        | 61.892                 | 54.073               | -6.308          | 68.200         | 7.819       | PK   |
| 11 |      |      | 5935.000        | 63.300                 | 55.471               | -4.900          | 68.200         | 7.829       | PK   |

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

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

## 7. CONCLUSION

The data collected relate only the item(s) tested and show that the **802.11ac Dual Band Module** is in compliance with Part 15E of the FCC Rules.

————— The End —————