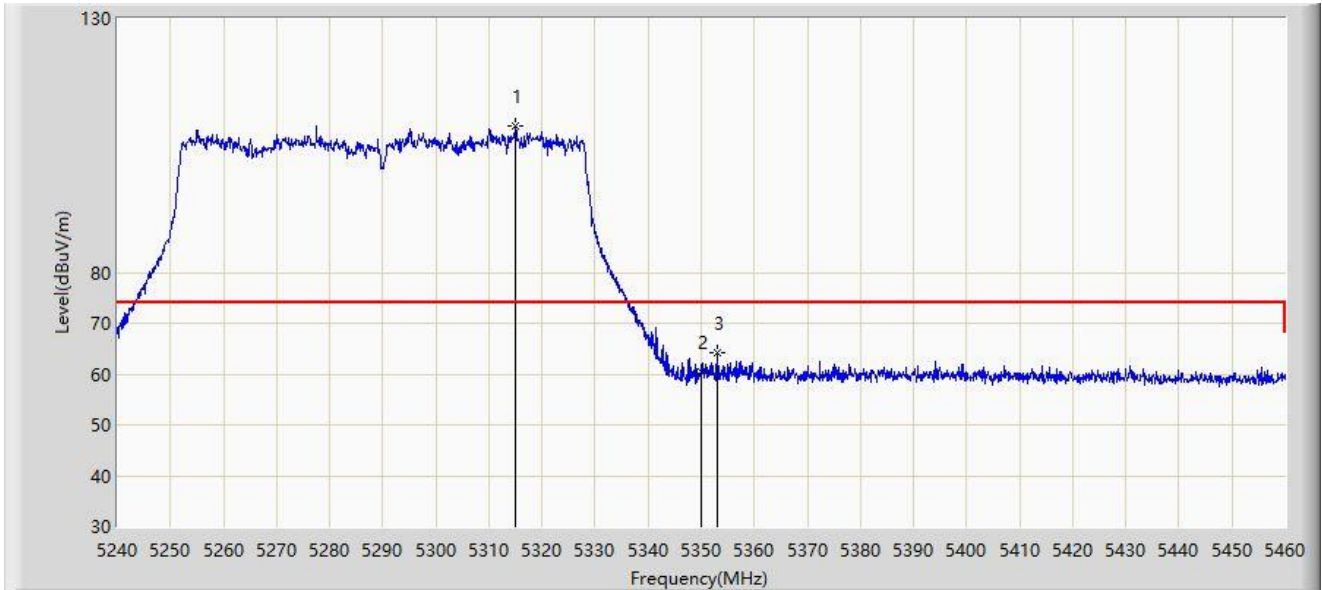


|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz   |                       |



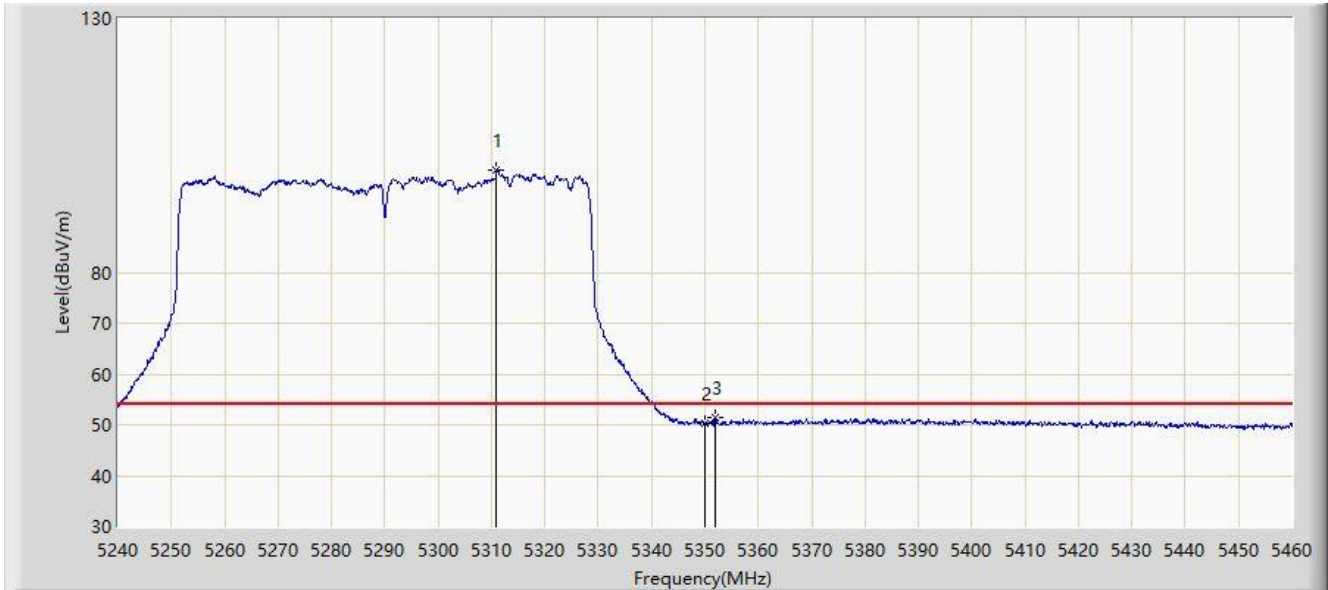
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5315.020        | 108.772                | 105.814              | N/A         | N/A            | 2.958         | PK   |
| 2  |      | 5350.000        | 60.477                 | 57.657               | -13.523     | 74.000         | 2.820         | PK   |
| 3  | *    | 5352.970        | 64.226                 | 61.435               | -9.774      | 74.000         | 2.791         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz   |                       |



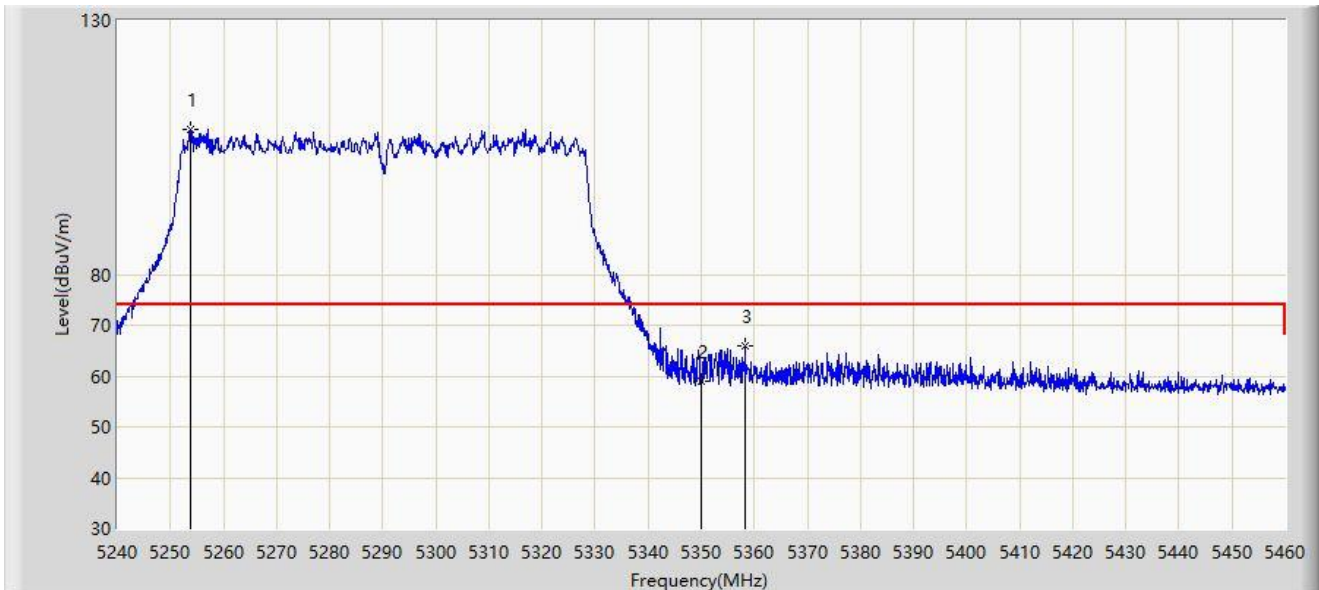
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5310.950        | 100.036                | 97.145               | N/A         | N/A            | 2.891         | AV   |
| 2  |      | 5350.000        | 50.227                 | 47.407               | -3.773      | 54.000         | 2.820         | AV   |
| 3  | *    | 5351.980        | 51.420                 | 48.633               | -2.580      | 54.000         | 2.787         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz   |                       |



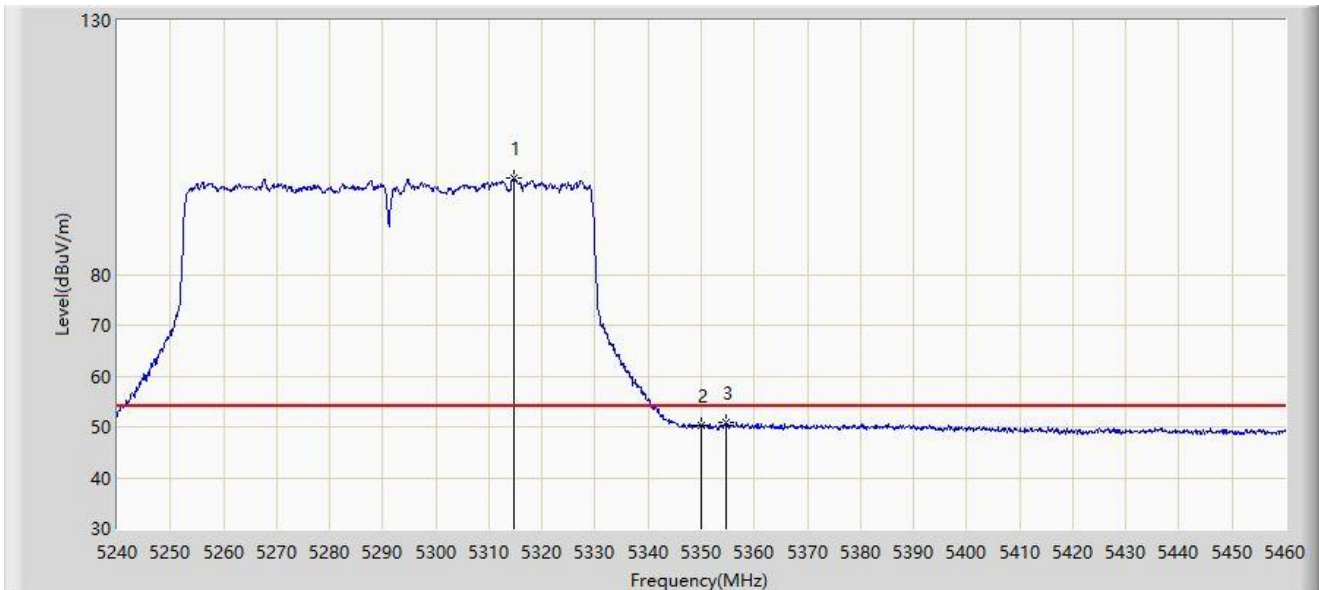
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5253.860        | 108.459                | 105.357              | N/A         | N/A            | 3.101         | PK   |
| 2  |      | 5350.000        | 59.009                 | 56.189               | -14.991     | 74.000         | 2.820         | PK   |
| 3  | *    | 5358.250        | 66.035                 | 63.221               | -7.965      | 74.000         | 2.814         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz   |                       |



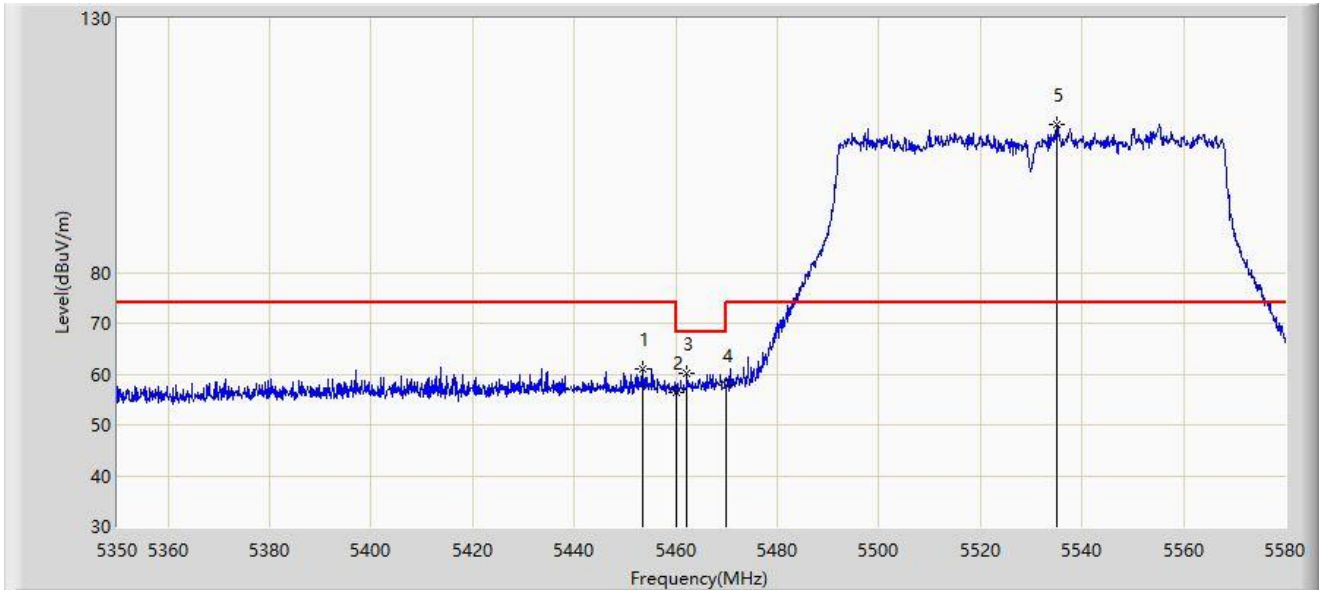
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5314.800        | 98.841                 | 95.887               | N/A         | N/A            | 2.953         | AV   |
| 2  |      | 5350.000        | 50.286                 | 47.466               | -3.714      | 54.000         | 2.820         | AV   |
| 3  | *    | 5354.730        | 50.990                 | 48.192               | -3.010      | 54.000         | 2.799         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz   |                       |



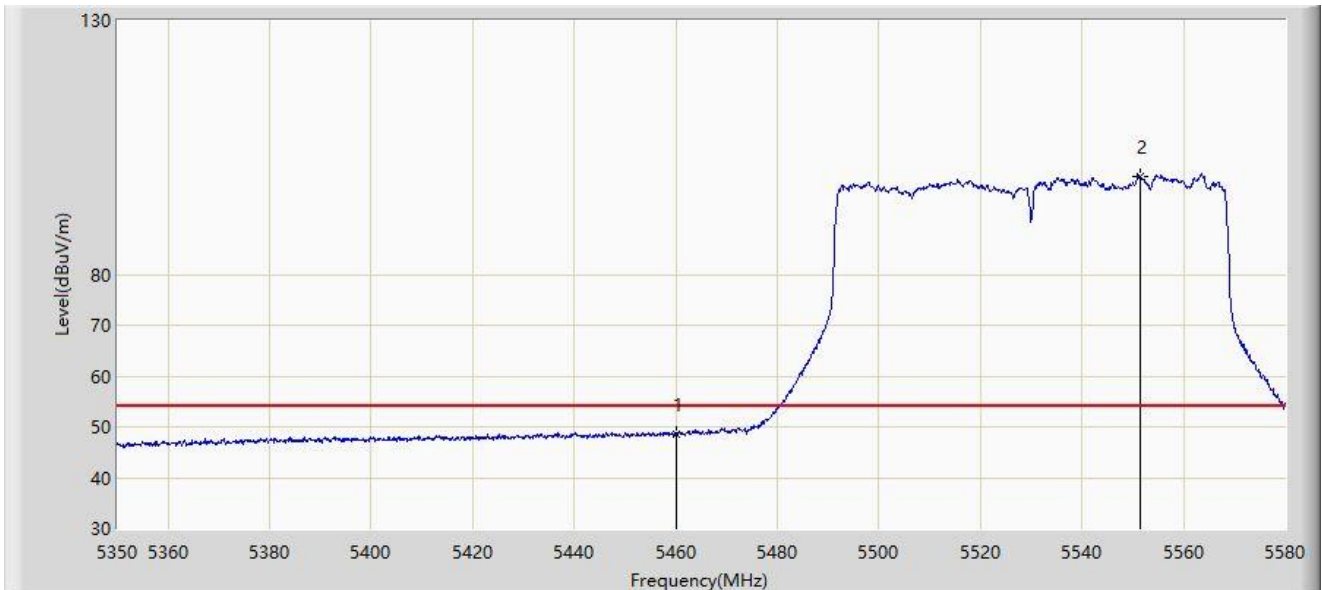
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5453.615        | 60.975                 | 57.928               | -13.025     | 74.000         | 3.047         | PK   |
| 2  |      | 5460.000        | 56.285                 | 53.136               | -17.715     | 74.000         | 3.149         | PK   |
| 3  | *    | 5462.240        | 60.051                 | 56.859               | -8.149      | 68.200         | 3.193         | PK   |
| 4  |      | 5470.000        | 57.802                 | 54.460               | -10.398     | 68.200         | 3.341         | PK   |
| 5  |      | 5535.150        | 108.993                | 105.725              | N/A         | N/A            | 3.267         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz   |                       |



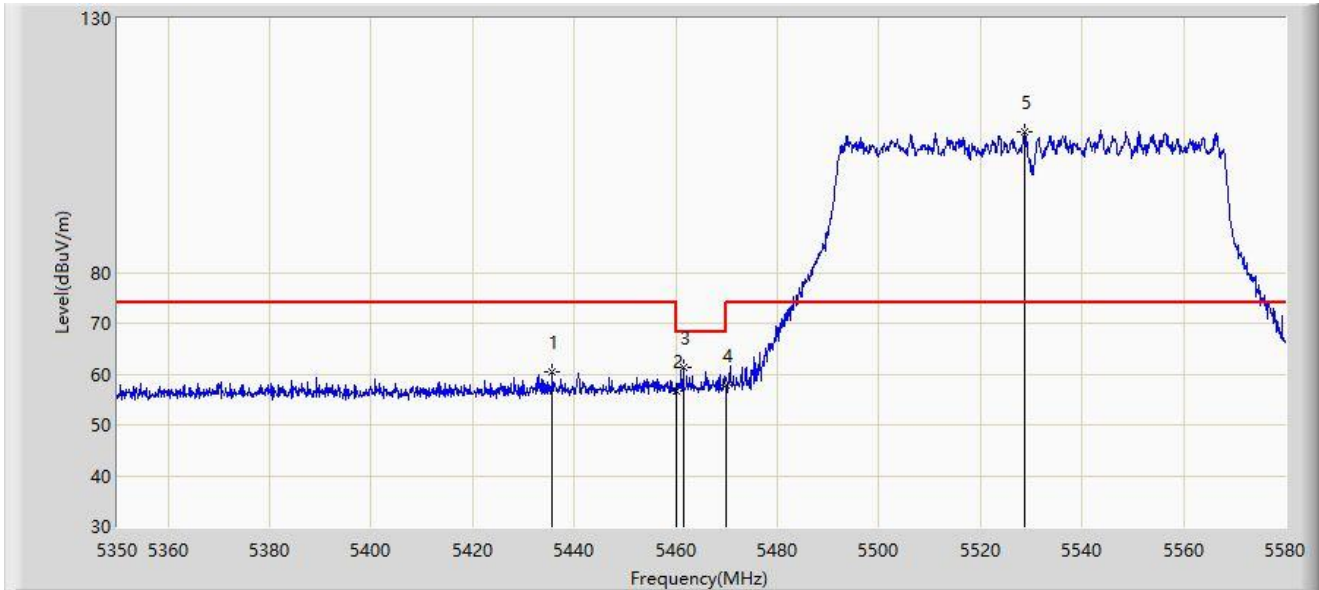
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5460.000        | 48.597                 | 45.448               | -5.403      | 54.000         | 3.149         | AV   |
| 2  |      | 5551.480        | 99.418                 | 95.976               | N/A         | N/A            | 3.443         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz   |                       |



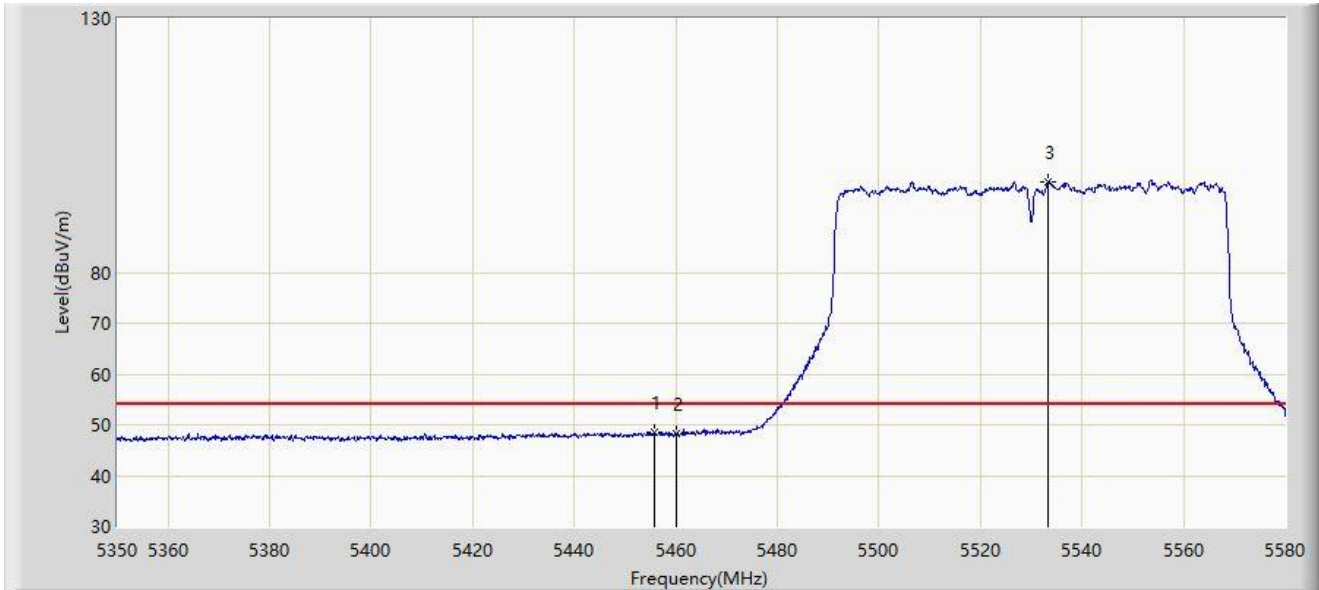
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5435.675        | 60.368                 | 57.184               | -13.632     | 74.000         | 3.184         | PK   |
| 2  |      | 5460.000        | 56.698                 | 53.549               | -17.302     | 74.000         | 3.149         | PK   |
| 3  | *    | 5461.435        | 61.373                 | 58.196               | -6.827      | 68.200         | 3.176         | PK   |
| 4  |      | 5470.000        | 57.834                 | 54.492               | -10.366     | 68.200         | 3.341         | PK   |
| 5  |      | 5528.710        | 107.615                | 104.429              | N/A         | N/A            | 3.186         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz   |                       |



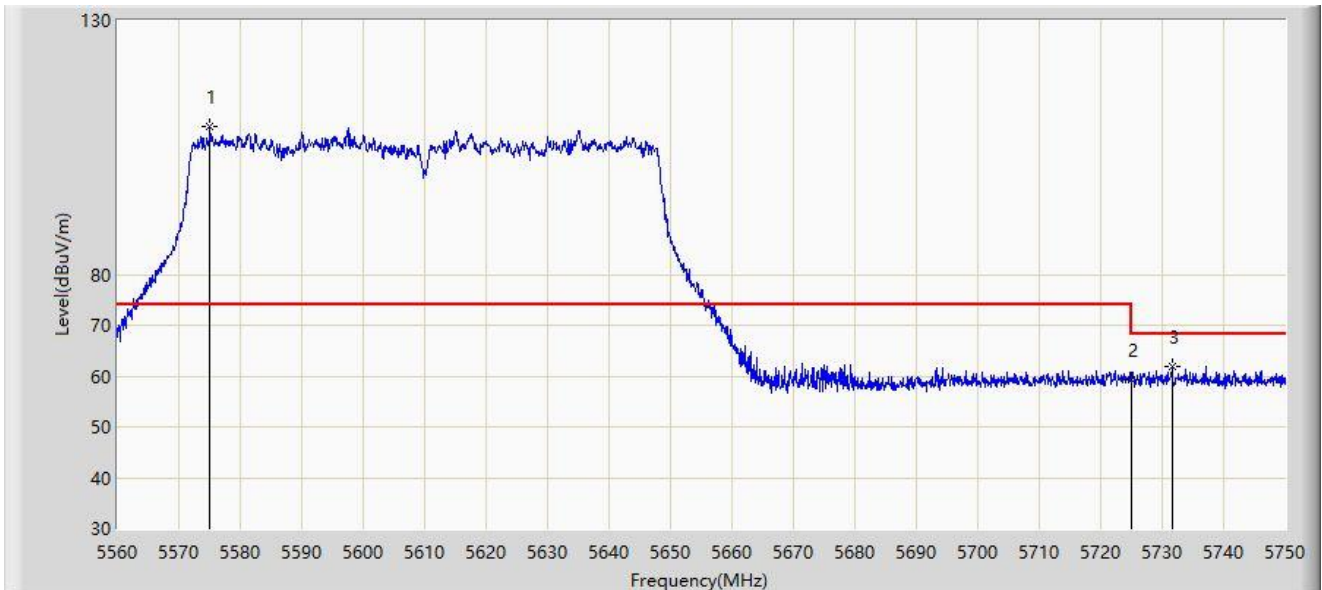
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5455.685        | 48.615                 | 45.544               | -5.385      | 54.000         | 3.071         | AV   |
| 2  |      | 5460.000        | 48.247                 | 45.098               | -5.753      | 54.000         | 3.149         | AV   |
| 3  |      | 5533.425        | 97.885                 | 94.639               | N/A         | N/A            | 3.246         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz   |                       |



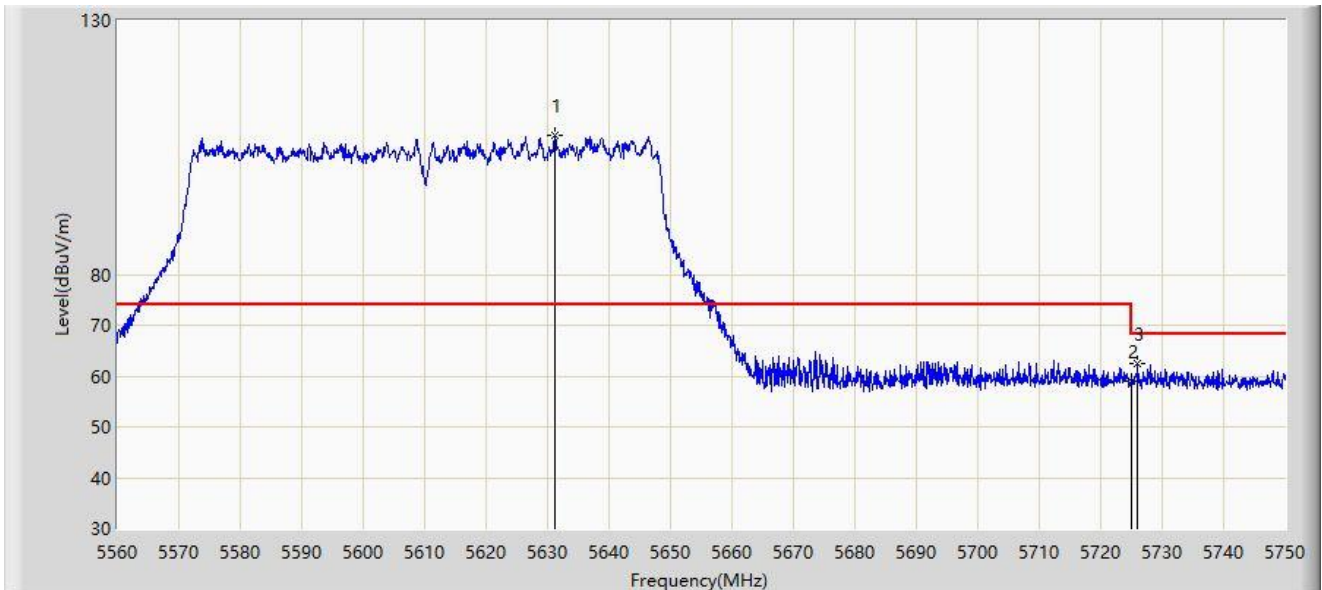
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5575.105        | 109.145                | 105.703              | N/A         | N/A            | 3.441         | PK   |
| 2  |      | 5725.000        | 59.204                 | 54.501               | -8.996      | 68.200         | 4.703         | PK   |
| 3  | *    | 5731.665        | 61.926                 | 57.311               | -6.274      | 68.200         | 4.615         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                               | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz   |                       |



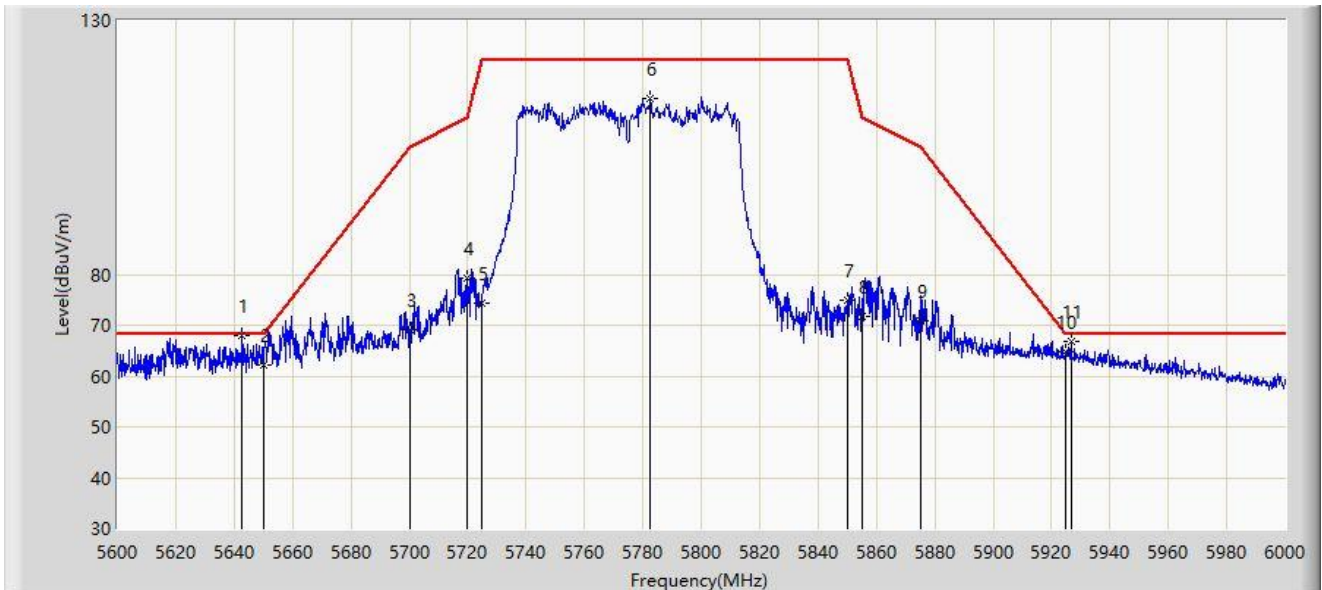
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5631.155        | 107.377                | 103.334              | N/A         | N/A            | 4.042         | PK   |
| 2  |      | 5725.000        | 58.886                 | 54.183               | -9.314      | 68.200         | 4.703         | PK   |
| 3  | *    | 5726.060        | 62.532                 | 57.821               | -5.668      | 68.200         | 4.711         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5.8G_RE(3m)                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz   |                       |



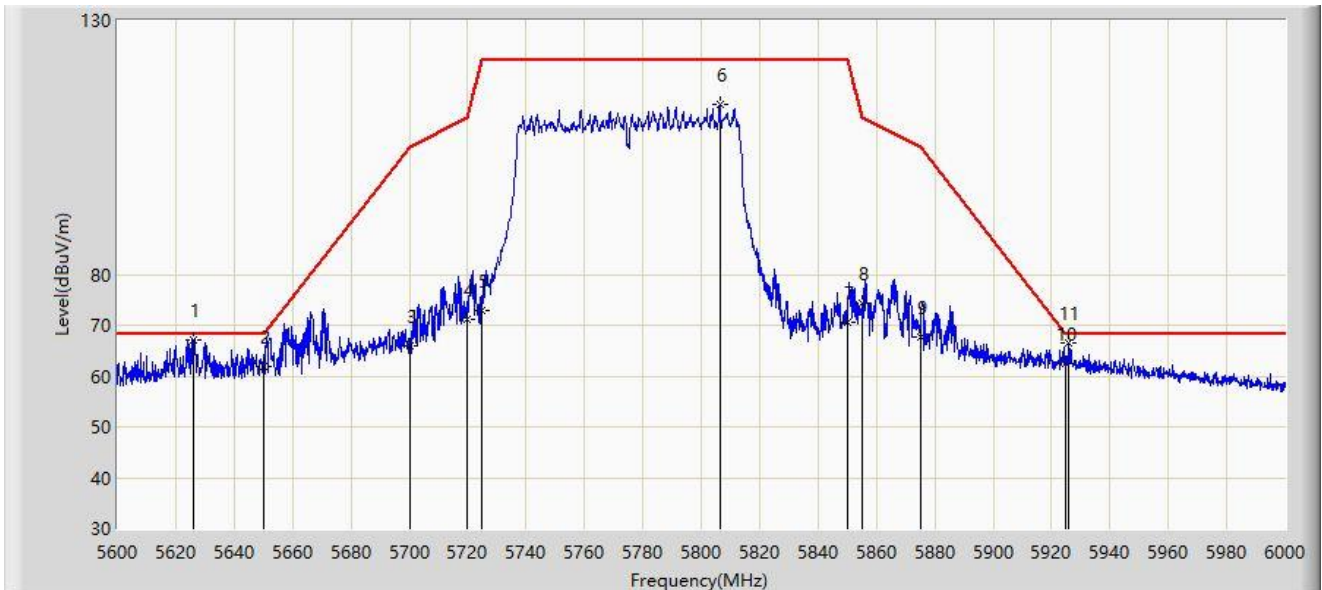
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5642.800        | 67.928                 | 63.770               | -0.272      | 68.200         | 4.158         | PK   |
| 2  |      | 5650.000        | 62.108                 | 57.985               | -6.092      | 68.200         | 4.122         | PK   |
| 3  |      | 5700.000        | 69.058                 | 64.621               | -36.142     | 105.200        | 4.437         | PK   |
| 4  |      | 5720.000        | 79.191                 | 74.527               | -31.609     | 110.800        | 4.663         | PK   |
| 5  |      | 5725.000        | 74.374                 | 69.671               | -47.826     | 122.200        | 4.703         | PK   |
| 6  |      | 5782.600        | 114.693                | 109.753              | N/A         | N/A            | 4.940         | PK   |
| 7  |      | 5850.000        | 74.930                 | 69.947               | -47.270     | 122.200        | 4.984         | PK   |
| 8  |      | 5855.000        | 71.735                 | 66.697               | -39.065     | 110.800        | 5.038         | PK   |
| 9  |      | 5875.000        | 70.925                 | 65.794               | -34.275     | 105.200        | 5.131         | PK   |
| 10 |      | 5925.000        | 64.680                 | 59.445               | -3.520      | 68.200         | 5.236         | PK   |
| 11 |      | 5926.600        | 66.703                 | 61.458               | -1.497      | 68.200         | 5.245         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Site: WZ-AC2                                       | Test Date: 2024-03-07 |
| Limit: FCC_5.8G_RE(3m)                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                      | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz   |                       |



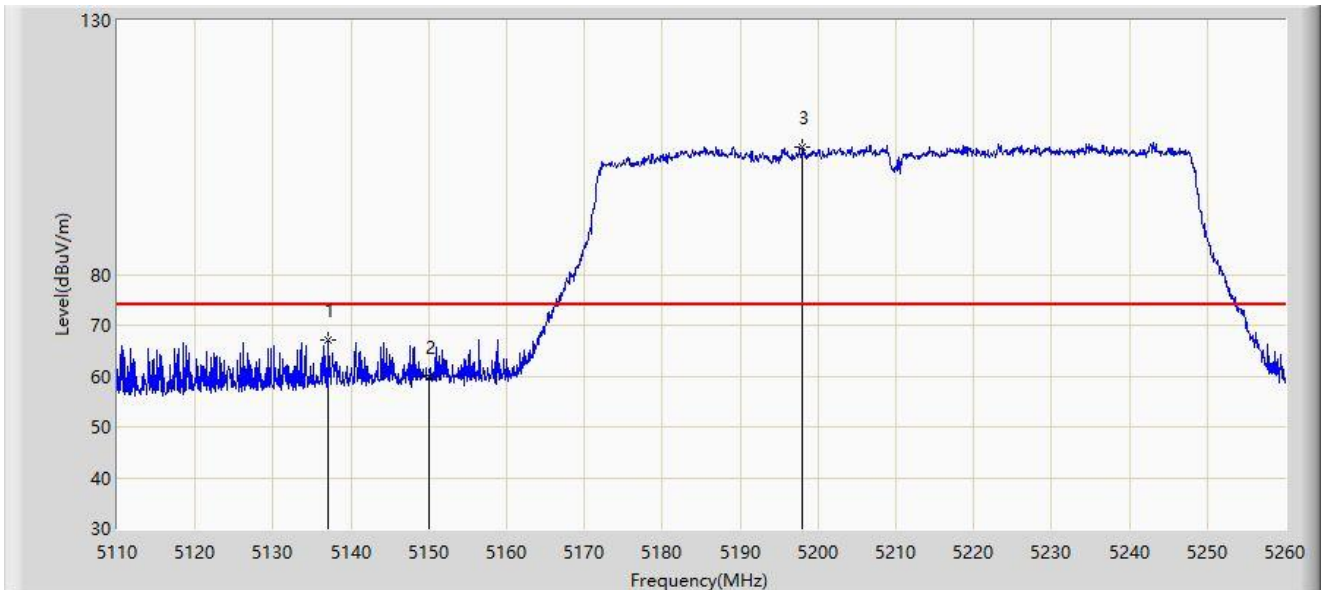
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5626.200        | 67.155                 | 63.172               | -1.045      | 68.200         | 3.983         | PK   |
| 2  |      | 5650.000        | 61.927                 | 57.804               | -6.273      | 68.200         | 4.122         | PK   |
| 3  |      | 5700.000        | 65.835                 | 61.398               | -39.365     | 105.200        | 4.437         | PK   |
| 4  |      | 5720.000        | 71.042                 | 66.378               | -39.758     | 110.800        | 4.663         | PK   |
| 5  |      | 5725.000        | 72.895                 | 68.192               | -49.305     | 122.200        | 4.703         | PK   |
| 6  |      | 5806.400        | 113.469                | 108.422              | N/A         | N/A            | 5.047         | PK   |
| 7  |      | 5850.000        | 70.487                 | 65.504               | -51.713     | 122.200        | 4.984         | PK   |
| 8  |      | 5855.000        | 74.303                 | 69.265               | -36.497     | 110.800        | 5.038         | PK   |
| 9  |      | 5875.000        | 67.594                 | 62.463               | -37.606     | 105.200        | 5.131         | PK   |
| 10 |      | 5925.000        | 62.503                 | 57.268               | -5.697      | 68.200         | 5.236         | PK   |
| 11 |      | 5926.000        | 66.425                 | 61.184               | -1.775      | 68.200         | 5.241         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 0+1 |                       |



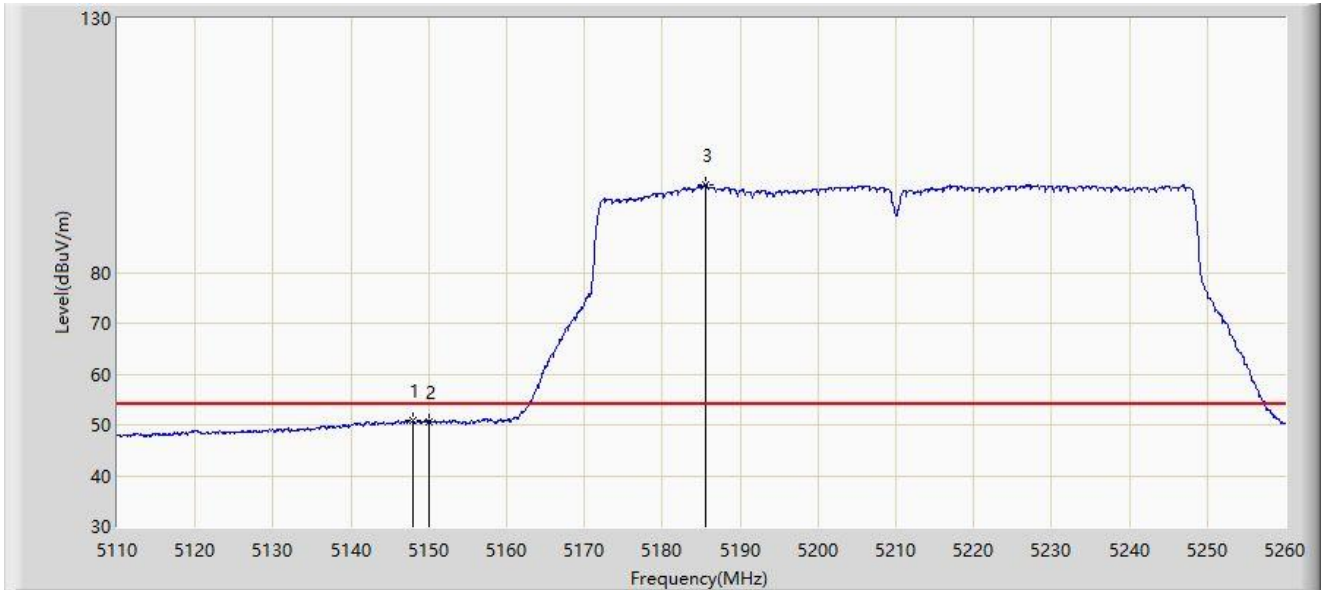
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5137.150        | 67.123                 | 63.785               | -6.877      | 74.000         | 3.339         | PK   |
| 2  |      | 5150.000        | 59.972                 | 56.490               | -14.028     | 74.000         | 3.482         | PK   |
| 3  |      | 5198.050        | 105.104                | 102.229              | N/A         | N/A            | 2.874         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 0+1 |                       |



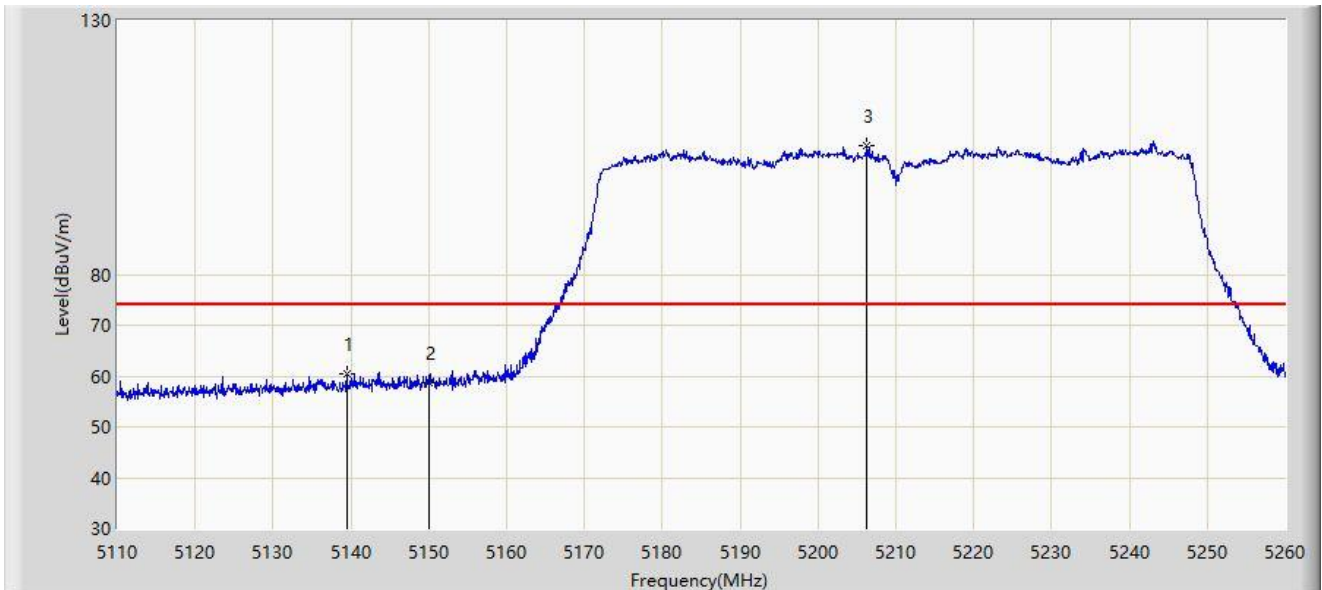
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5147.950        | 50.869                 | 47.394               | -3.131      | 54.000         | 3.475         | AV   |
| 2  |      | 5150.000        | 50.630                 | 47.148               | -3.370      | 54.000         | 3.482         | AV   |
| 3  |      | 5185.600        | 97.257                 | 94.110               | N/A         | N/A            | 3.147         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 0+1 |                       |



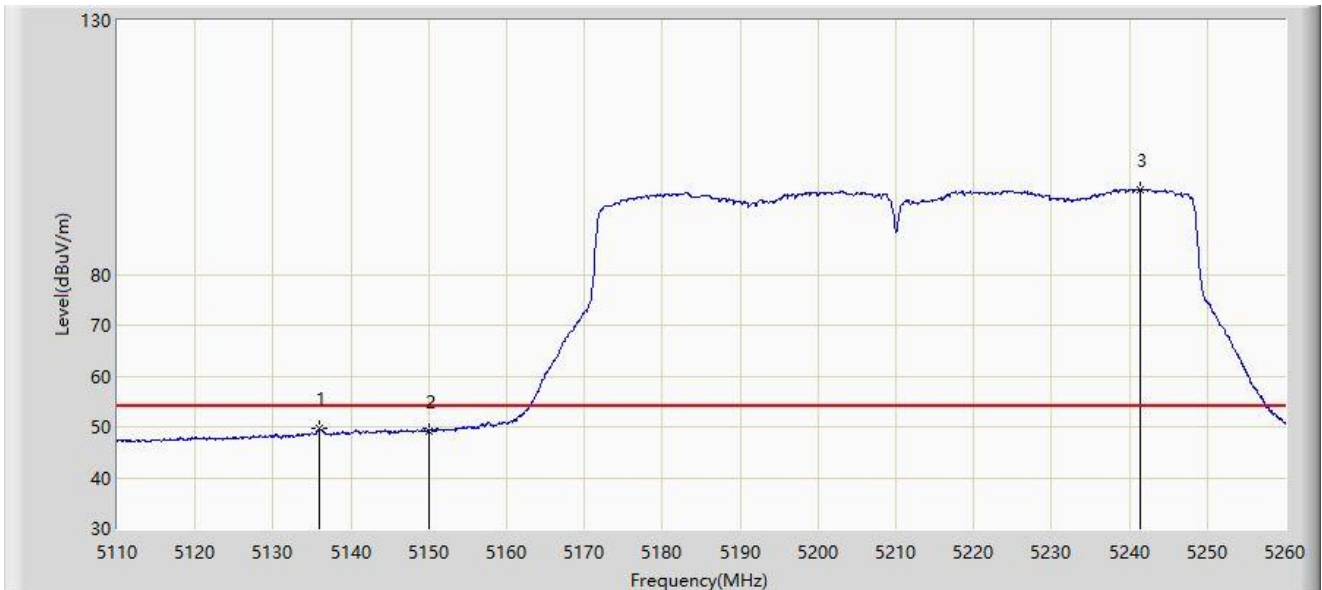
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5139.475        | 60.493                 | 57.125               | -13.507     | 74.000         | 3.368         | PK   |
| 2  |      | 5150.000        | 58.801                 | 55.319               | -15.199     | 74.000         | 3.482         | PK   |
| 3  |      | 5206.300        | 105.263                | 102.380              | N/A         | N/A            | 2.882         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 0+1 |                       |



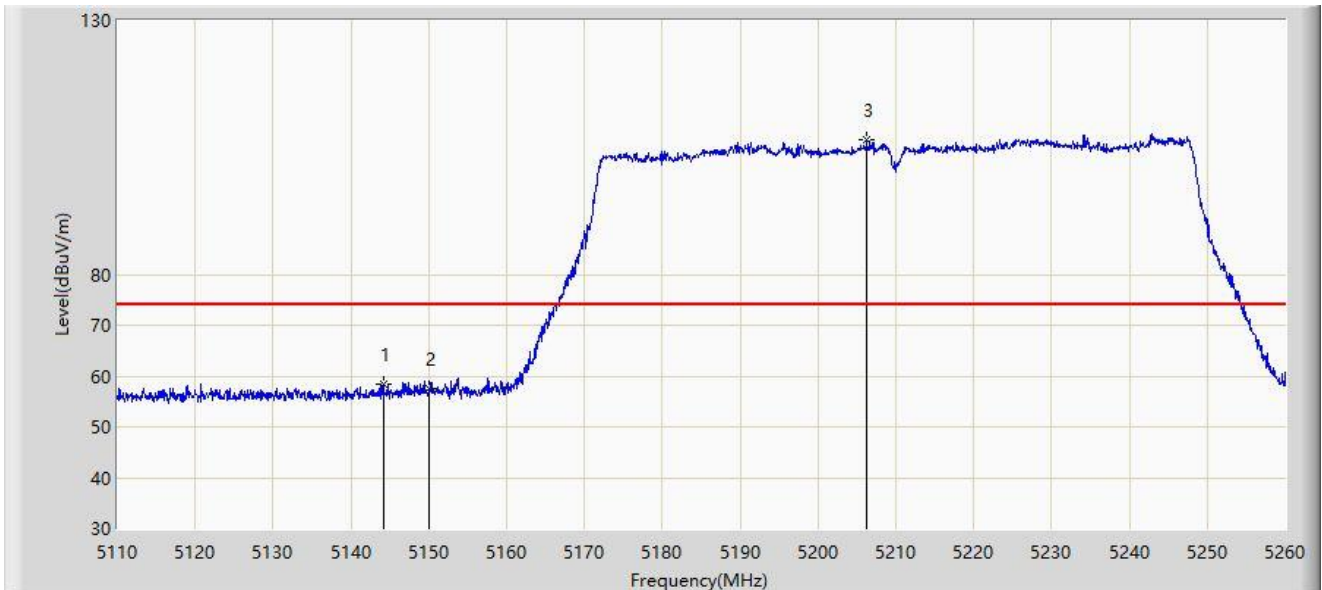
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5136.025        | 49.732                 | 46.408               | -4.268      | 54.000         | 3.324         | AV   |
| 2  |      | 5150.000        | 49.192                 | 45.710               | -4.808      | 54.000         | 3.482         | AV   |
| 3  |      | 5241.475        | 96.617                 | 93.406               | N/A         | N/A            | 3.210         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 2+3 |                       |



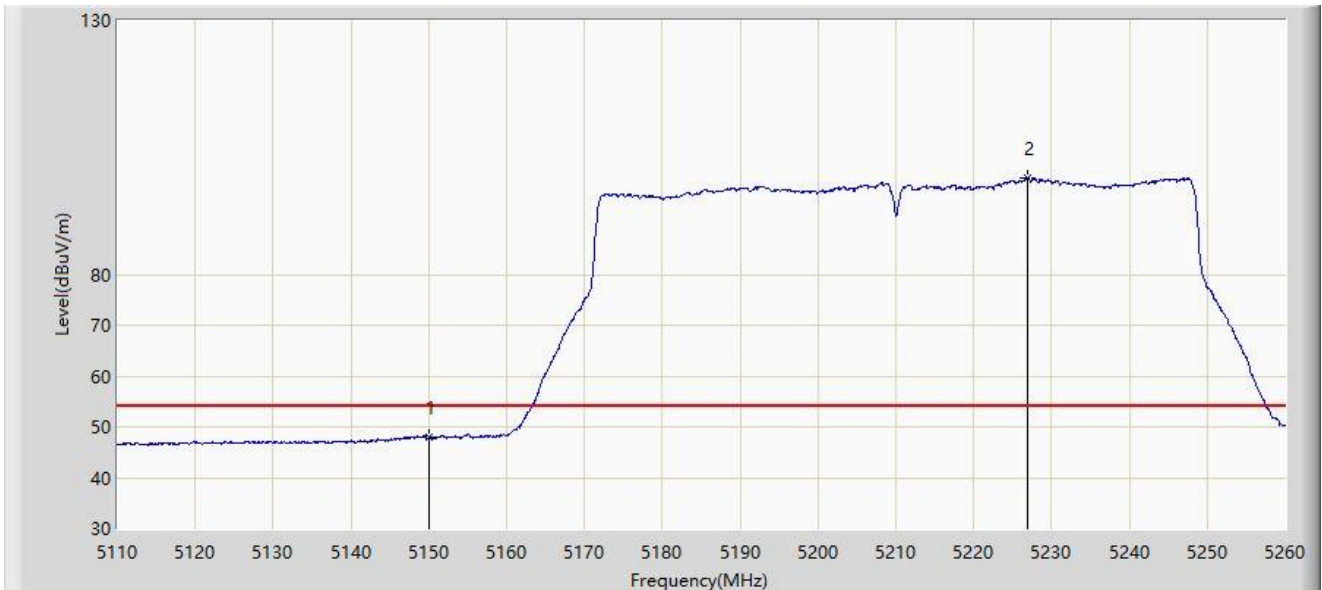
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5144.125        | 58.425                 | 54.998               | -15.575     | 74.000         | 3.427         | PK   |
| 2  |      | 5150.000        | 57.511                 | 54.029               | -16.489     | 74.000         | 3.482         | PK   |
| 3  |      | 5206.225        | 106.598                | 103.716              | N/A         | N/A            | 2.883         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 2+3 |                       |



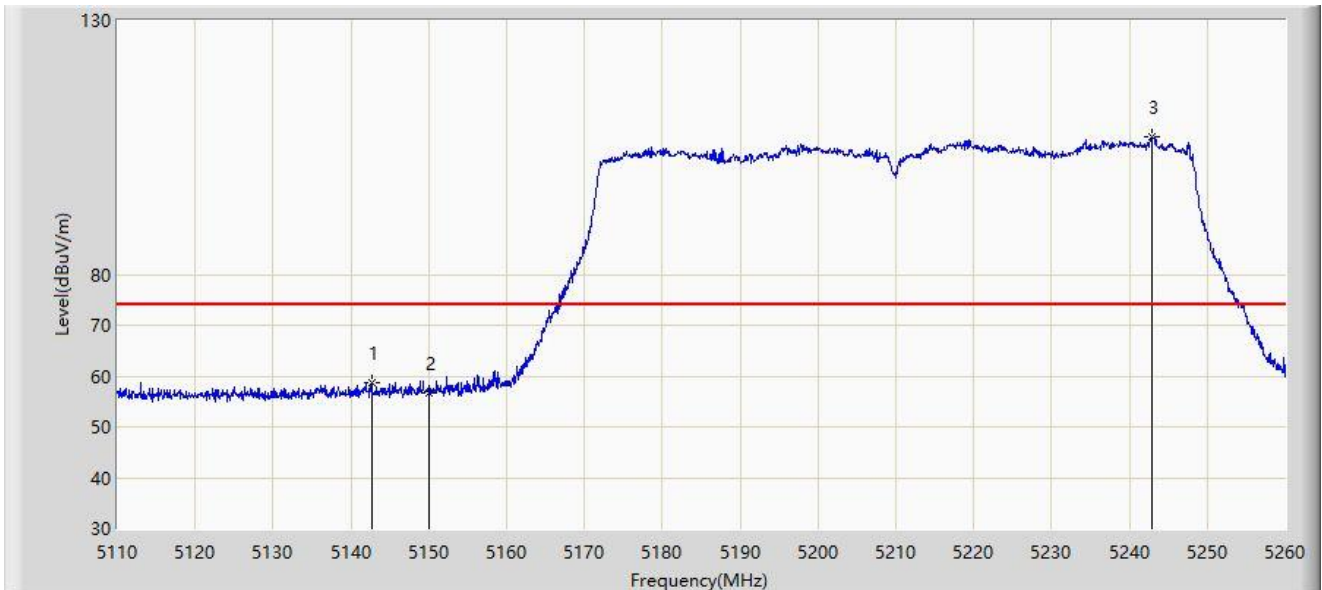
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5150.000        | 47.886                 | 44.404               | -6.114      | 54.000         | 3.482         | AV   |
| 2  |      | 5227.000        | 98.903                 | 95.792               | N/A         | N/A            | 3.111         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 2+3 |                       |



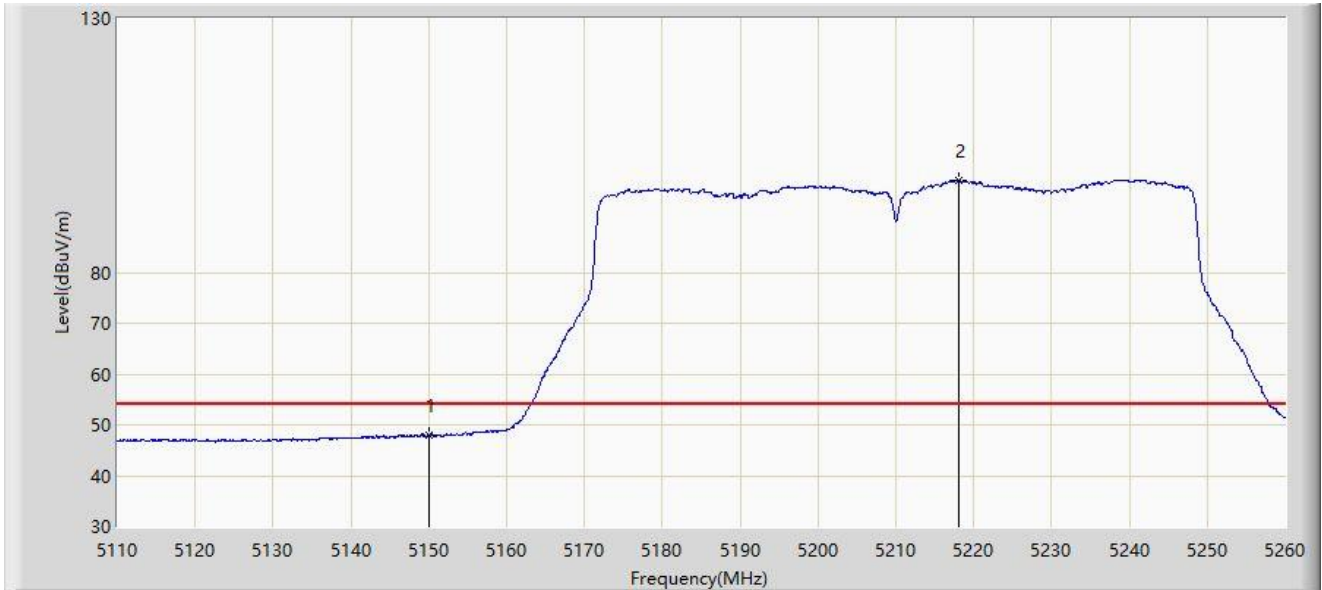
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5142.625        | 58.657                 | 55.249               | -15.343     | 74.000         | 3.407         | PK   |
| 2  |      | 5150.000        | 56.541                 | 53.059               | -17.459     | 74.000         | 3.482         | PK   |
| 3  |      | 5242.825        | 107.145                | 103.939              | N/A         | N/A            | 3.205         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5210MHz with Ant 2+3 |                       |



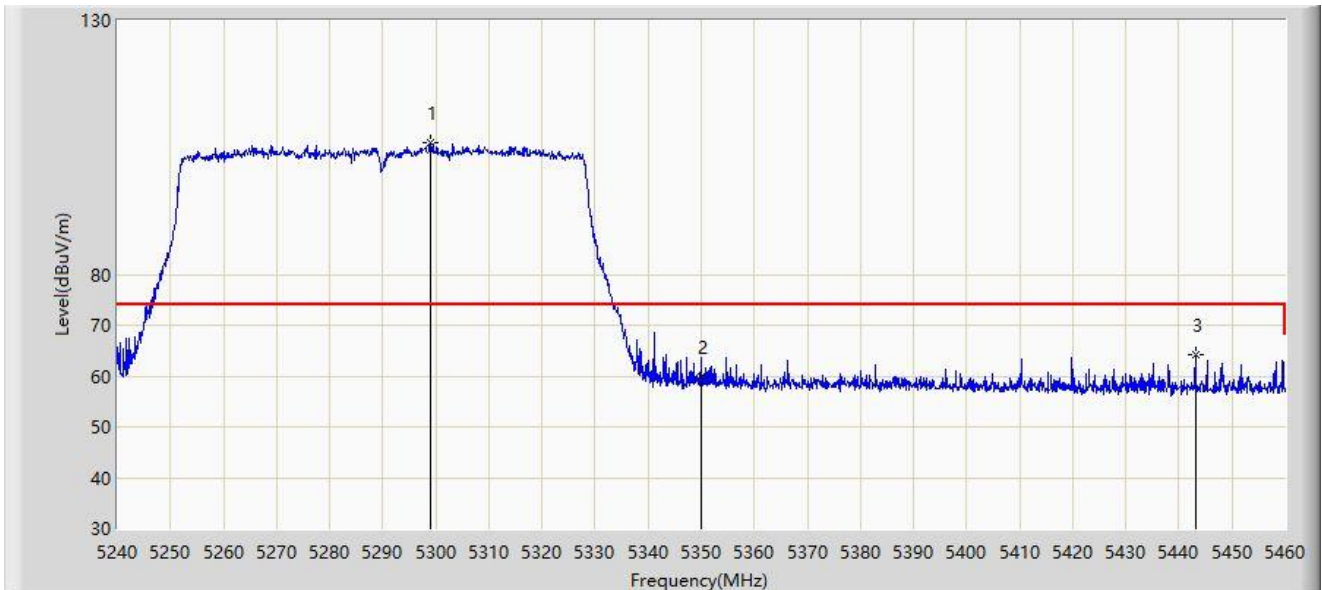
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5150.000        | 47.836                 | 44.354               | -6.164      | 54.000         | 3.482         | AV   |
| 2  |      | 5218.150        | 98.183                 | 95.229               | N/A         | N/A            | 2.954         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 0+1 |                       |



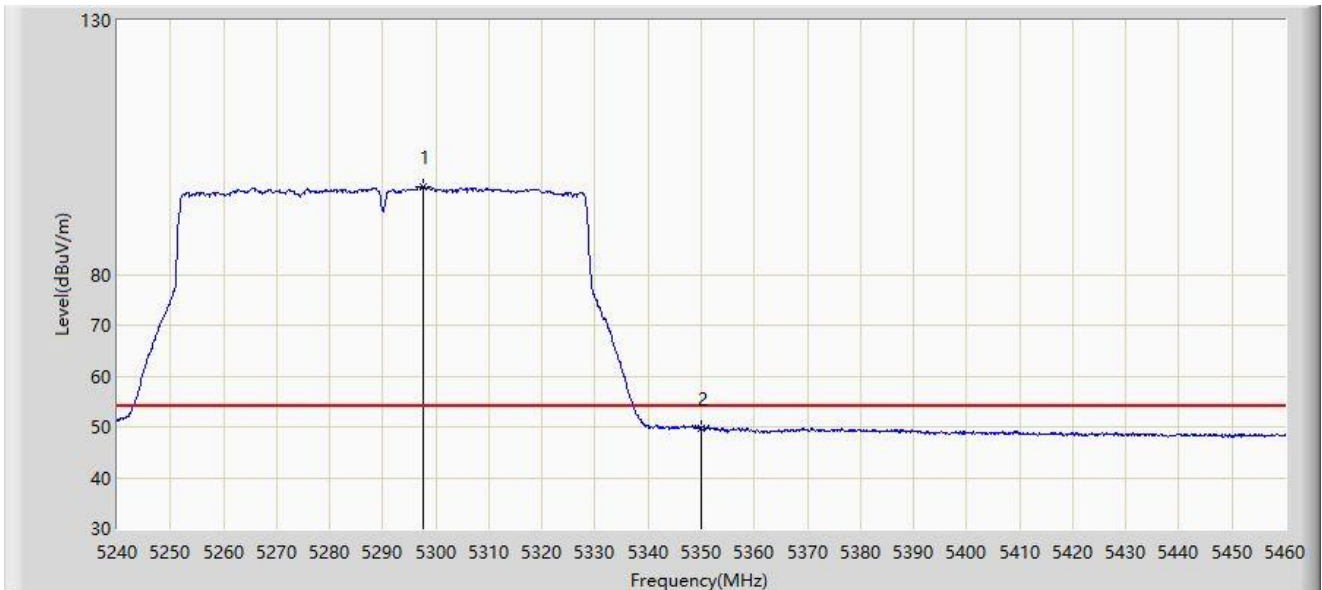
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5298.960        | 106.000                | 103.286              | N/A         | N/A            | 2.714         | PK   |
| 2  |      | 5350.000        | 59.955                 | 57.135               | -14.045     | 74.000         | 2.820         | PK   |
| 3  | *    | 5443.060        | 64.229                 | 61.101               | -9.771      | 74.000         | 3.127         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 0+1 |                       |



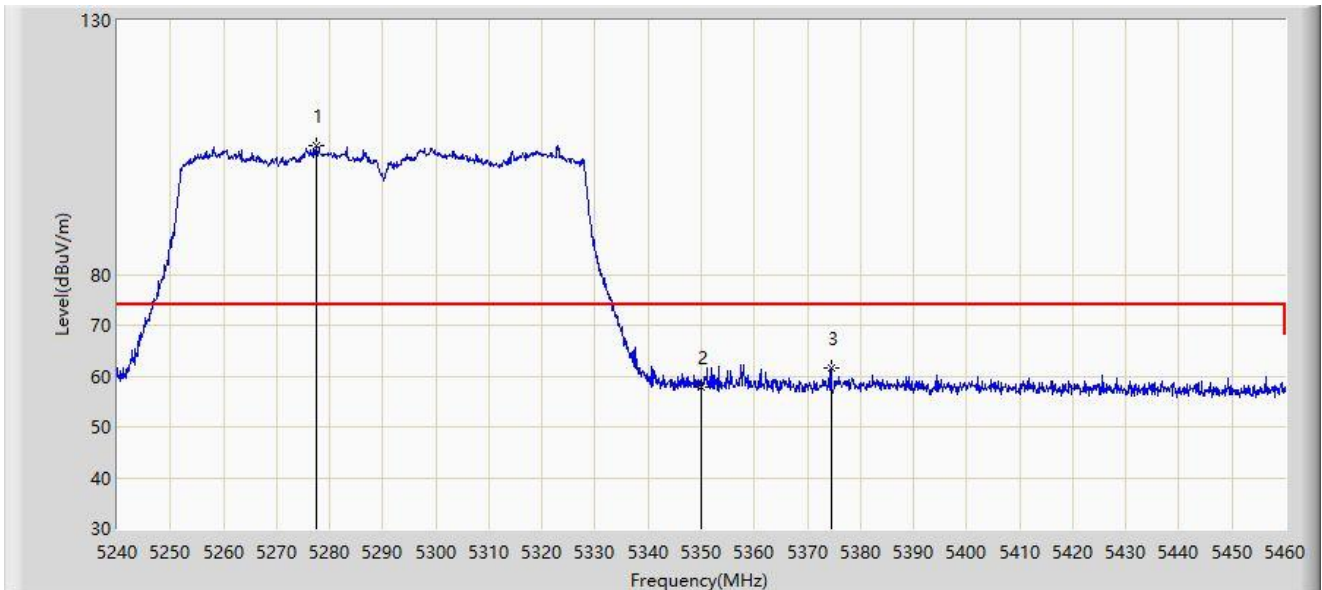
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5297.750        | 97.310                 | 94.609               | N/A         | N/A            | 2.701         | AV   |
| 2  | *    | 5350.000        | 49.757                 | 46.937               | -4.243      | 54.000         | 2.820         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 0+1 |                       |



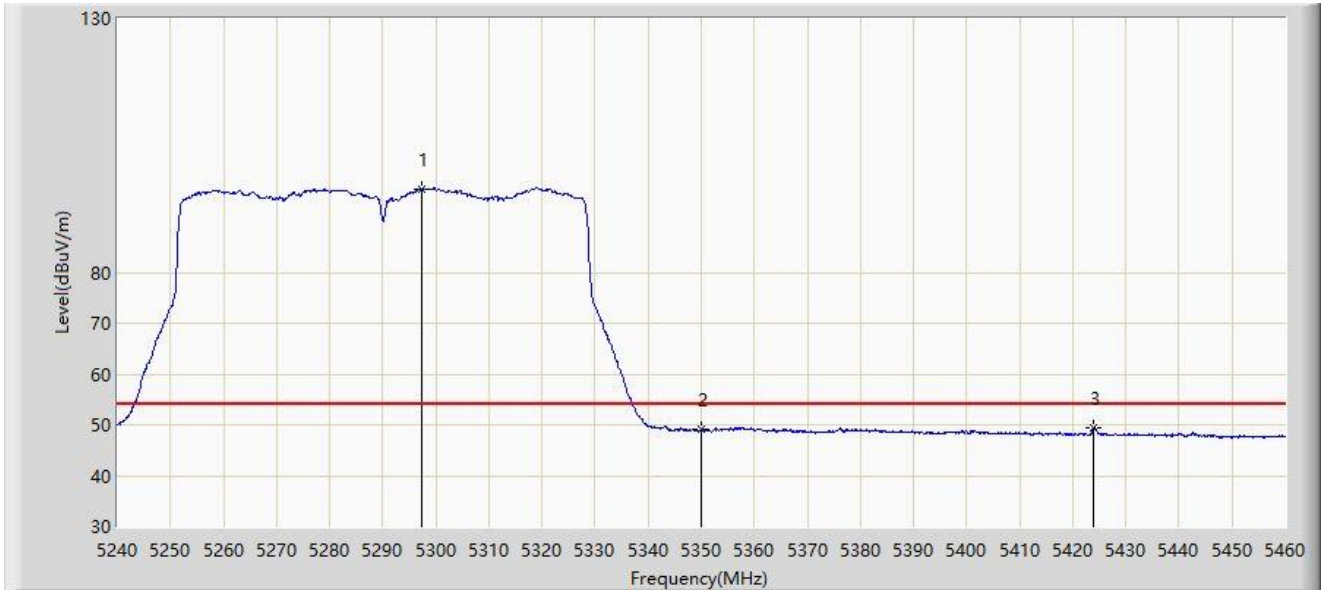
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5277.400        | 105.314                | 102.749              | N/A         | N/A            | 2.565         | PK   |
| 2  |      | 5350.000        | 57.897                 | 55.077               | -16.103     | 74.000         | 2.820         | PK   |
| 3  | *    | 5374.530        | 61.695                 | 58.726               | -12.305     | 74.000         | 2.969         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 0+1 |                       |



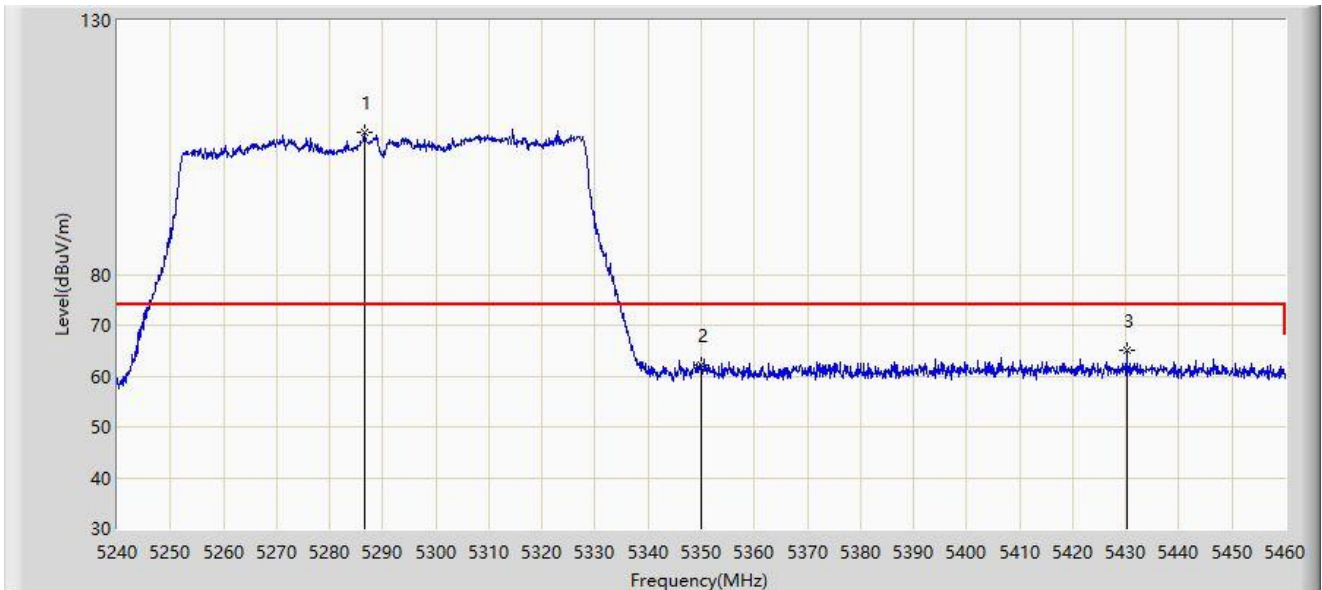
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5297.310        | 96.490                 | 93.794               | N/A         | N/A            | 2.696         | AV   |
| 2  |      | 5350.000        | 49.010                 | 46.190               | -4.990      | 54.000         | 2.820         | AV   |
| 3  | *    | 5423.810        | 49.280                 | 45.957               | -4.720      | 54.000         | 3.323         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 2+3 |                       |



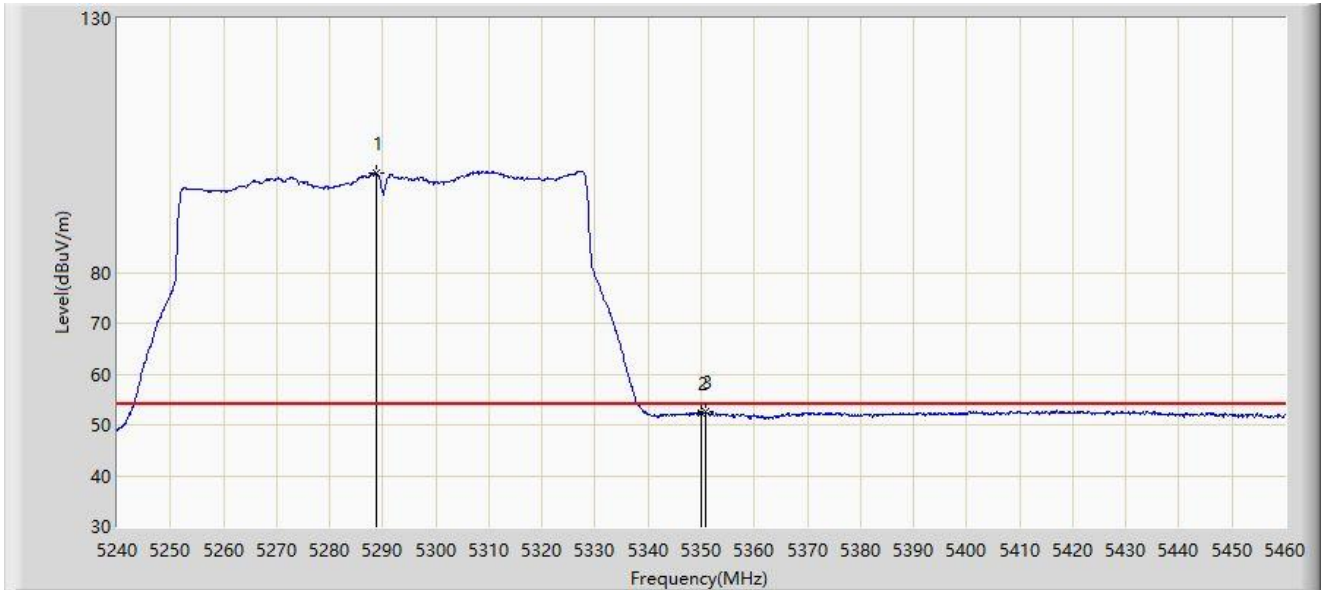
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5286.530        | 108.038                | 105.486              | N/A         | N/A            | 2.552         | PK   |
| 2  |      | 5350.000        | 62.032                 | 59.212               | -11.968     | 74.000         | 2.820         | PK   |
| 3  | *    | 5430.190        | 65.202                 | 61.954               | -8.798      | 74.000         | 3.248         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 2+3 |                       |



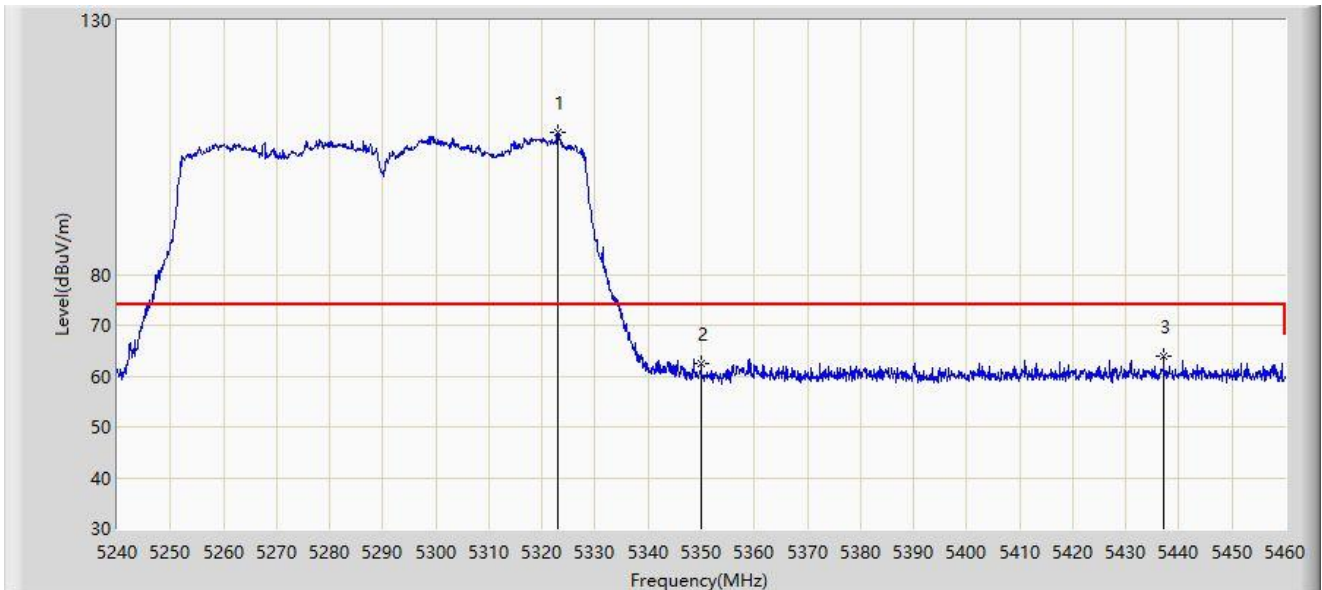
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5288.840        | 99.448                 | 96.863               | N/A         | N/A            | 2.585         | AV   |
| 2  |      | 5350.000        | 52.295                 | 49.475               | -1.705      | 54.000         | 2.820         | AV   |
| 3  | *    | 5350.880        | 52.493                 | 49.688               | -1.507      | 54.000         | 2.804         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 2+3 |                       |



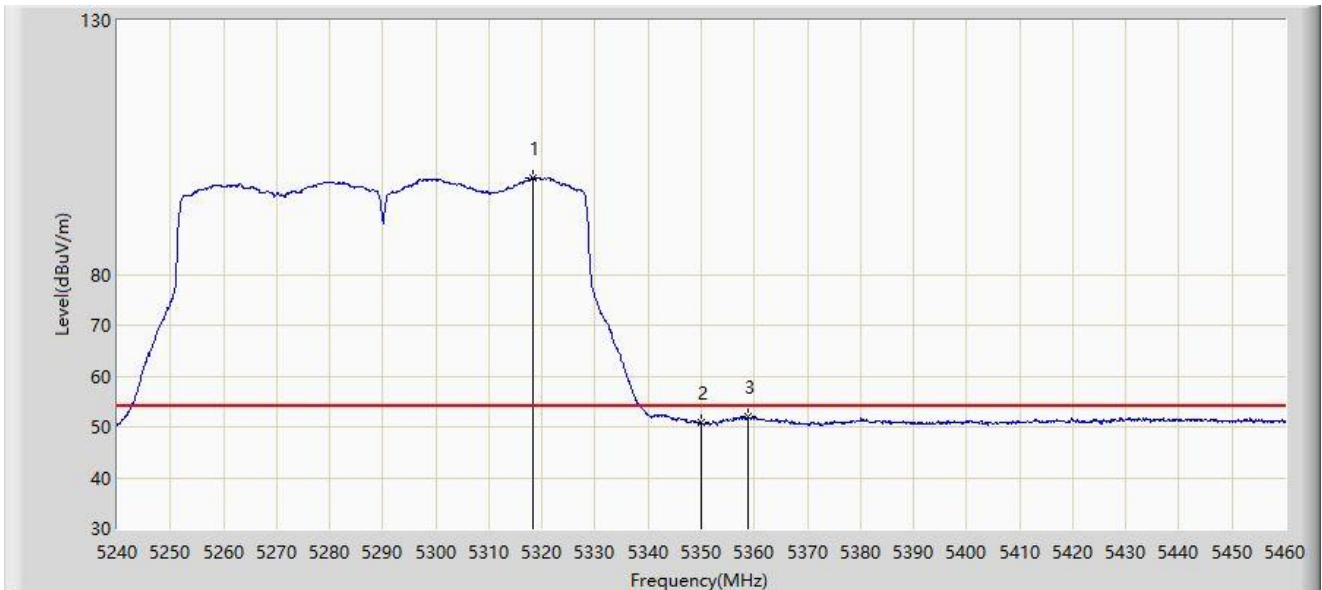
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5323.050        | 107.865                | 104.863              | N/A         | N/A            | 3.002         | PK   |
| 2  |      | 5350.000        | 62.509                 | 59.689               | -11.491     | 74.000         | 2.820         | PK   |
| 3  | *    | 5437.120        | 63.786                 | 60.618               | -10.214     | 74.000         | 3.168         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

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|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5290MHz with Ant 2+3 |                       |



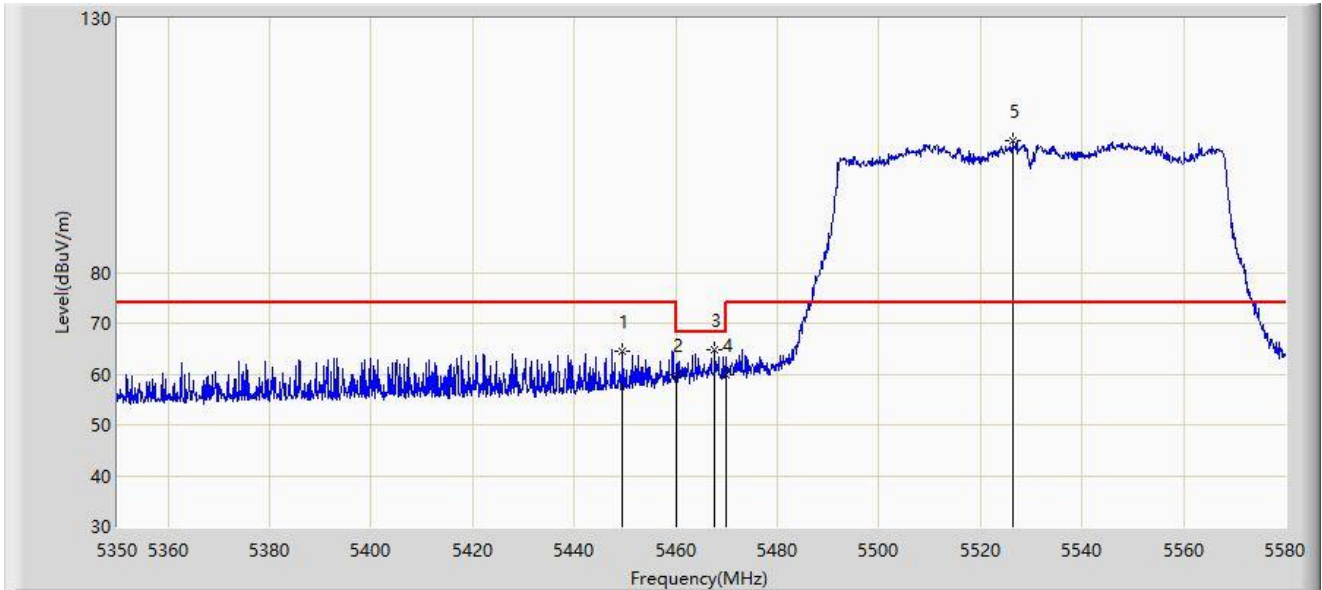
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5318.430        | 99.115                 | 96.105               | N/A         | N/A            | 3.010         | AV   |
| 2  |      | 5350.000        | 50.913                 | 48.093               | -3.087      | 54.000         | 2.820         | AV   |
| 3  | *    | 5358.910        | 51.908                 | 49.091               | -2.092      | 54.000         | 2.817         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 0+1 |                       |



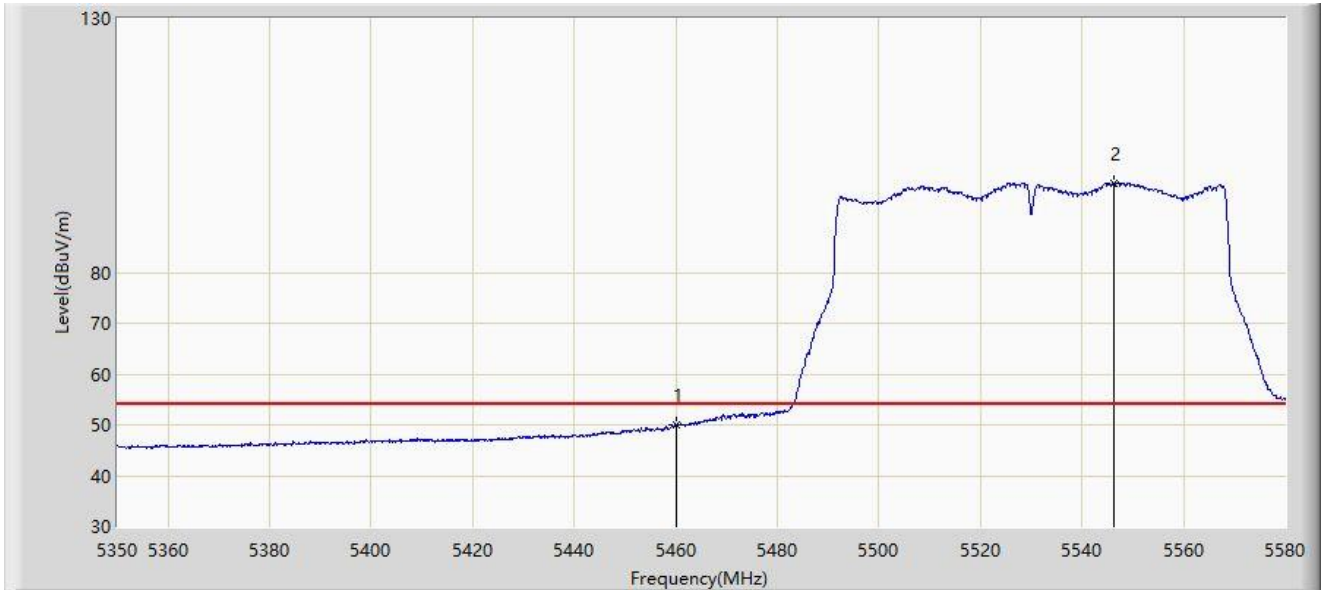
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5449.475        | 64.393                 | 61.314               | -9.607      | 74.000         | 3.078         | PK   |
| 2  |      | 5460.000        | 59.801                 | 56.652               | -14.199     | 74.000         | 3.149         | PK   |
| 3  | *    | 5467.645        | 64.919                 | 61.622               | -3.281      | 68.200         | 3.296         | PK   |
| 4  |      | 5470.000        | 59.860                 | 56.518               | -8.340      | 68.200         | 3.341         | PK   |
| 5  |      | 5526.410        | 105.883                | 102.748              | N/A         | N/A            | 3.135         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 0+1 |                       |



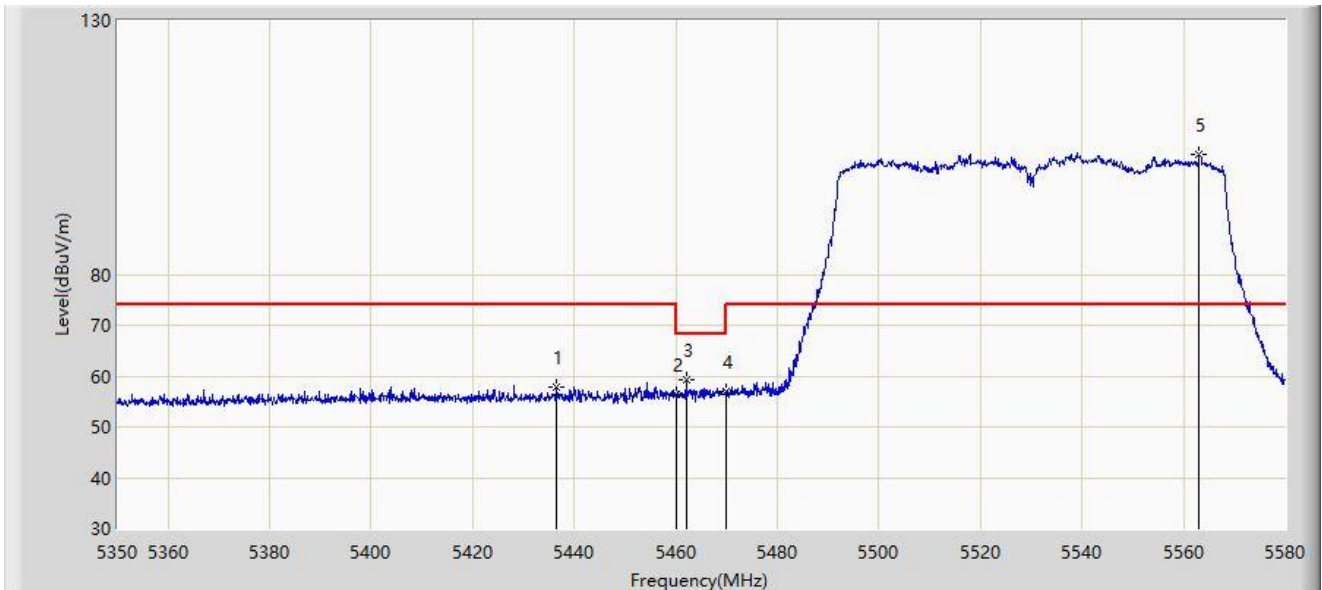
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5460.000        | 49.999                 | 46.850               | -4.001      | 54.000         | 3.149         | AV   |
| 2  |      | 5546.420        | 97.590                 | 94.203               | N/A         | N/A            | 3.387         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 0+1 |                       |



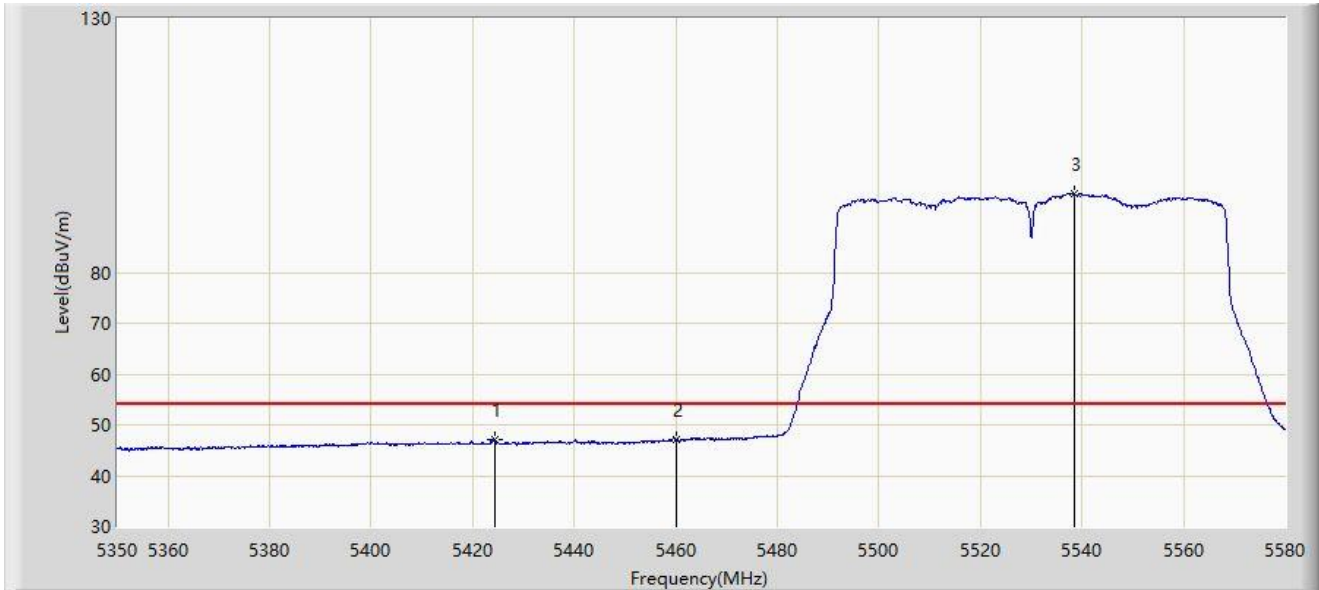
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5436.595        | 57.835                 | 54.661               | -16.165     | 74.000         | 3.173         | PK   |
| 2  |      | 5460.000        | 56.342                 | 53.193               | -17.658     | 74.000         | 3.149         | PK   |
| 3  | *    | 5462.010        | 59.271                 | 56.083               | -8.929      | 68.200         | 3.188         | PK   |
| 4  |      | 5470.000        | 56.826                 | 53.484               | -11.374     | 68.200         | 3.341         | PK   |
| 5  |      | 5562.980        | 103.616                | 100.171              | N/A         | N/A            | 3.446         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 0+1 |                       |



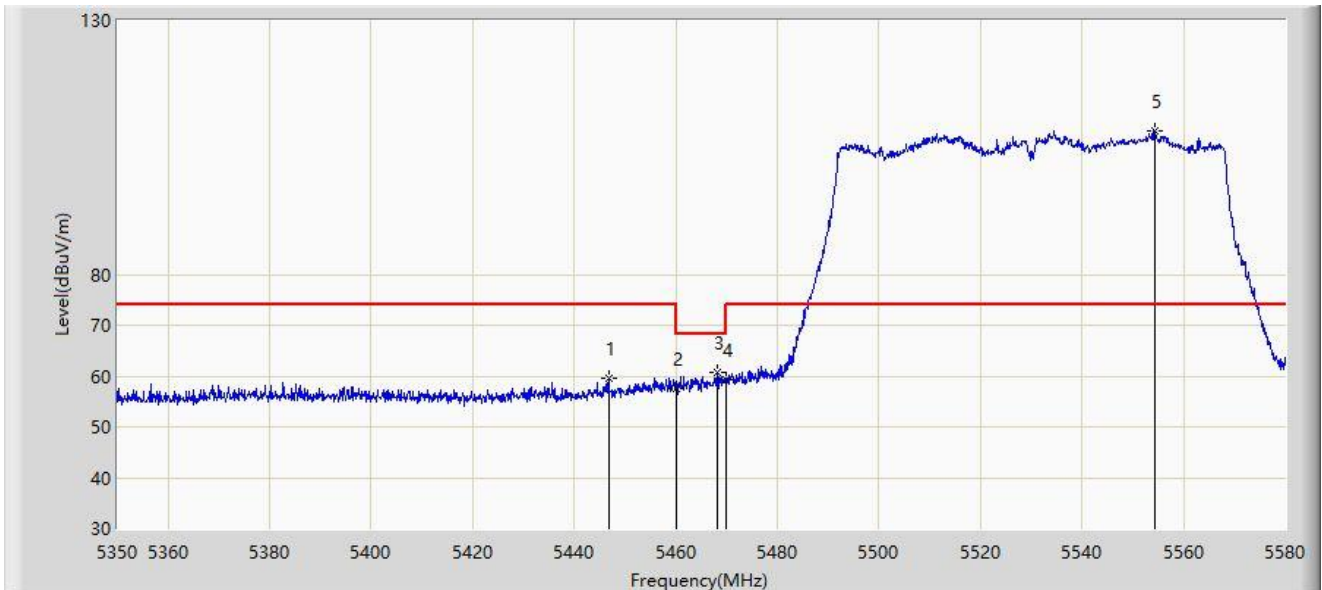
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5424.290        | 46.972                 | 43.655               | -7.028      | 54.000         | 3.317         | AV   |
| 2  | *    | 5460.000        | 46.999                 | 43.850               | -7.001      | 54.000         | 3.149         | AV   |
| 3  |      | 5538.370        | 95.474                 | 92.166               | N/A         | N/A            | 3.308         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 2+3 |                       |



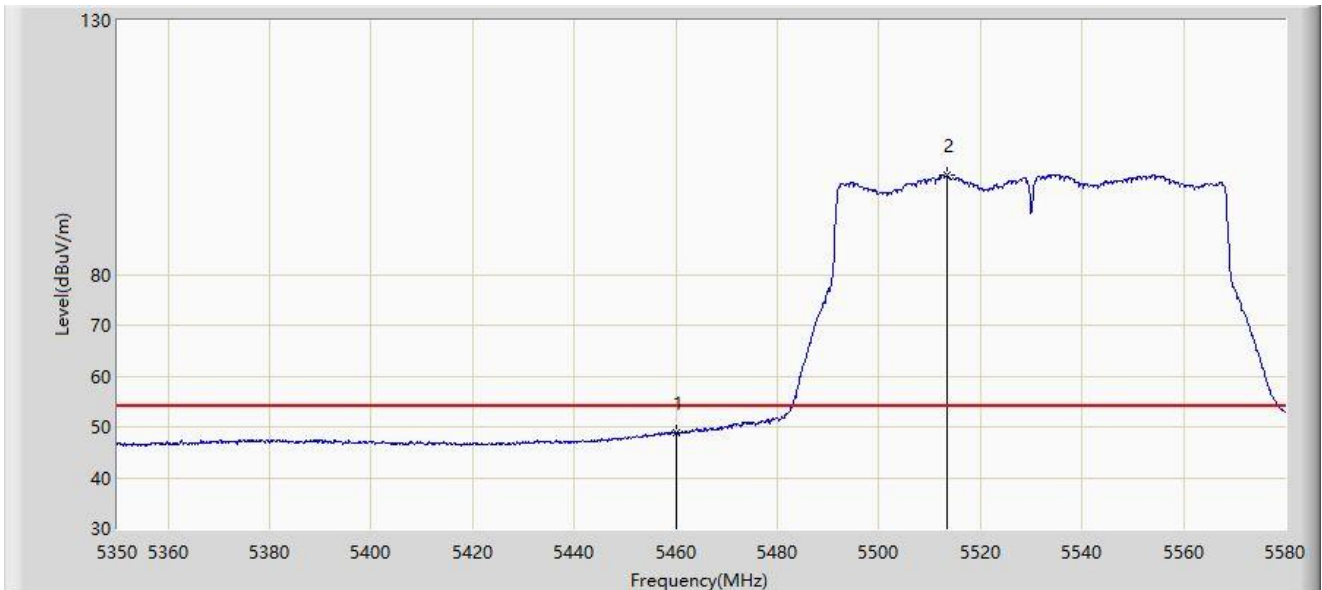
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5446.715        | 59.662                 | 56.562               | -14.338     | 74.000         | 3.099         | PK   |
| 2  |      | 5460.000        | 57.518                 | 54.369               | -16.482     | 74.000         | 3.149         | PK   |
| 3  | *    | 5468.220        | 60.611                 | 57.303               | -7.589      | 68.200         | 3.307         | PK   |
| 4  |      | 5470.000        | 59.149                 | 55.807               | -9.051      | 68.200         | 3.341         | PK   |
| 5  |      | 5554.470        | 108.194                | 104.719              | N/A         | N/A            | 3.476         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 2+3 |                       |



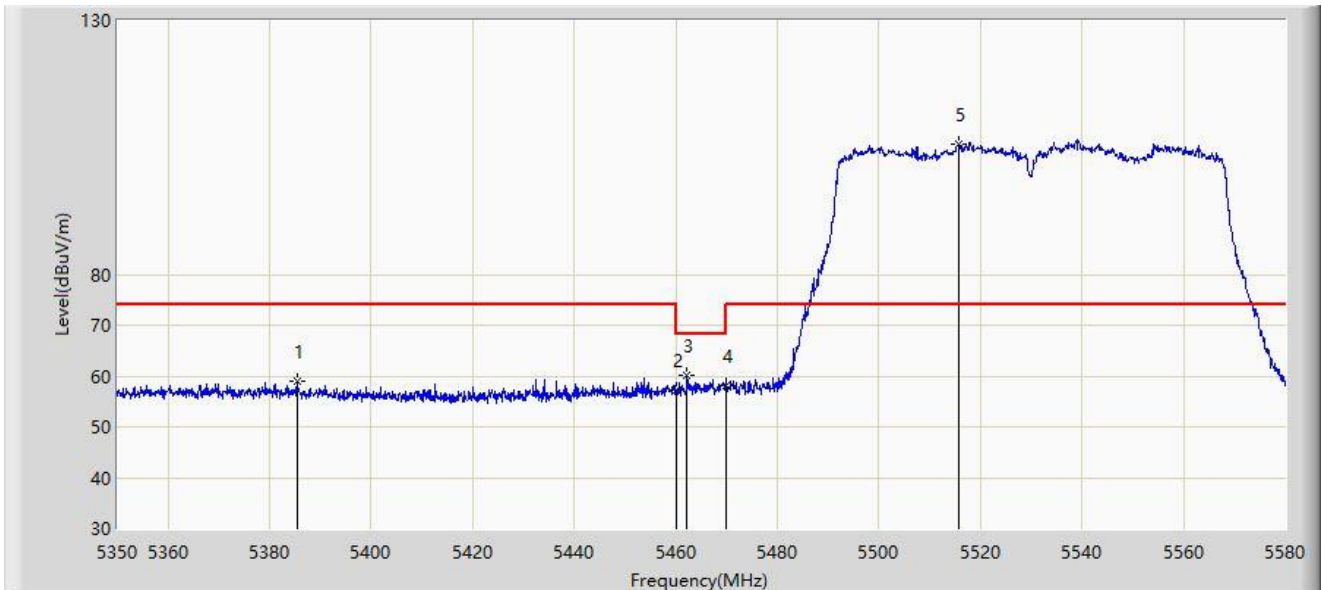
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5460.000        | 48.798                 | 45.649               | -5.202      | 54.000         | 3.149         | AV   |
| 2  |      | 5513.300        | 99.495                 | 96.416               | N/A         | N/A            | 3.078         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 2+3 |                       |



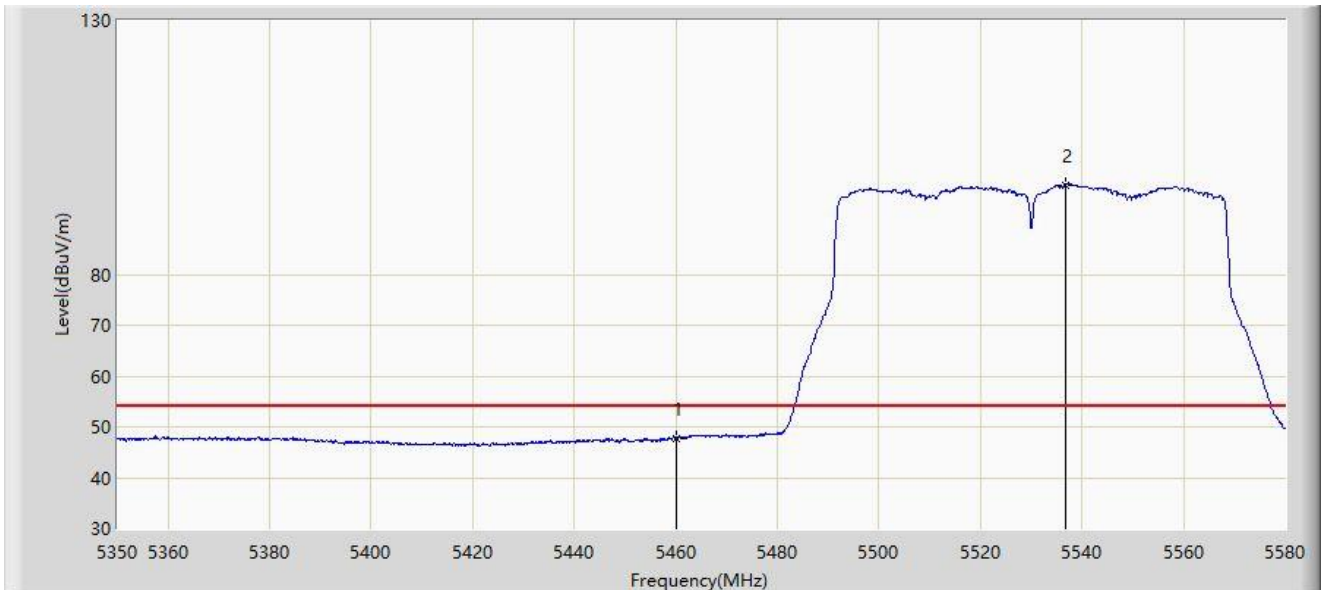
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5385.420        | 58.921                 | 55.739               | -15.079     | 74.000         | 3.182         | PK   |
| 2  |      | 5460.000        | 57.184                 | 54.035               | -16.816     | 74.000         | 3.149         | PK   |
| 3  | *    | 5462.240        | 60.001                 | 56.809               | -8.199      | 68.200         | 3.193         | PK   |
| 4  |      | 5470.000        | 58.187                 | 54.845               | -10.013     | 68.200         | 3.341         | PK   |
| 5  |      | 5515.600        | 105.693                | 102.625              | N/A         | N/A            | 3.068         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5530MHz with Ant 2+3 |                       |



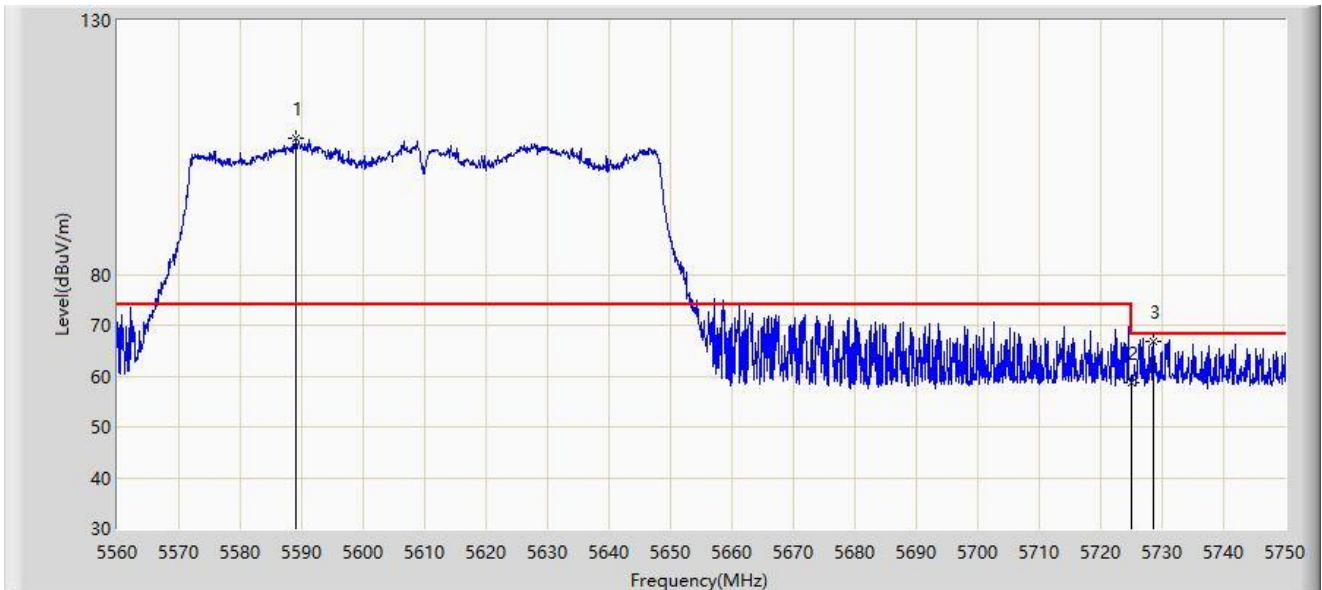
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5460.000        | 47.748                 | 44.599               | -6.252      | 54.000         | 3.149         | AV   |
| 2  |      | 5536.645        | 97.627                 | 94.341               | N/A         | N/A            | 3.286         | AV   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5610MHz with Ant 0+1 |                       |



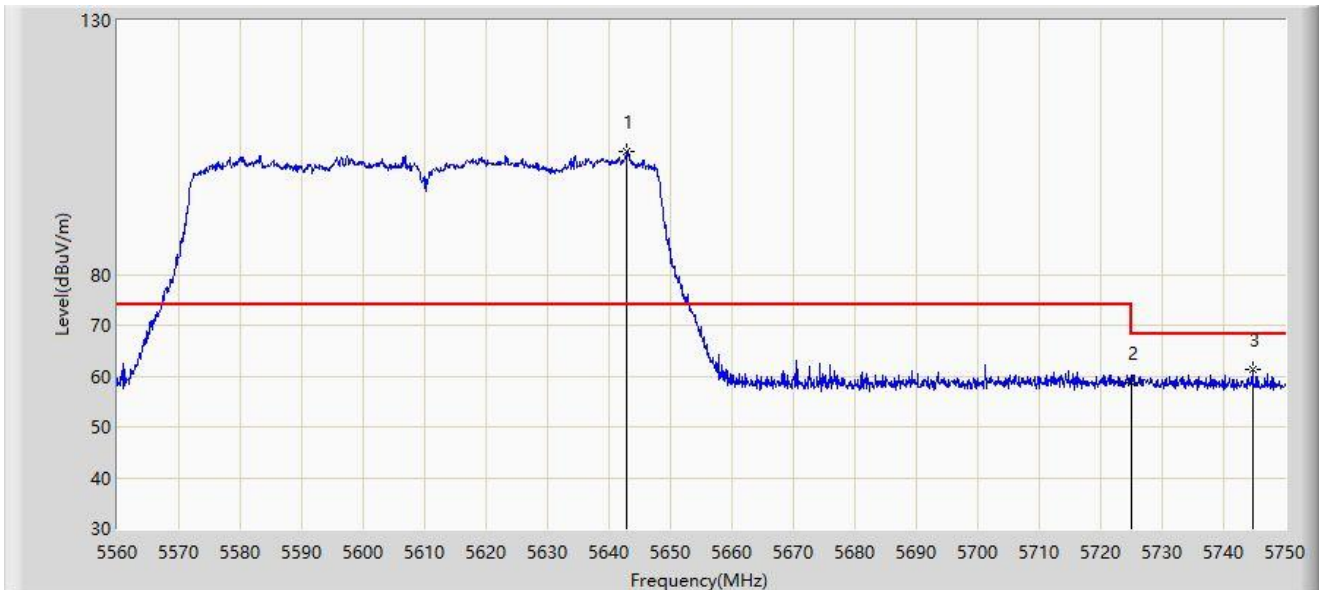
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5588.975        | 106.764                | 103.342              | N/A         | N/A            | 3.422         | PK   |
| 2  |      | 5725.000        | 58.828                 | 54.125               | -9.372      | 68.200         | 4.703         | PK   |
| 3  | *    | 5728.625        | 66.945                 | 62.276               | -1.255      | 68.200         | 4.668         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5610MHz with Ant 0+1 |                       |



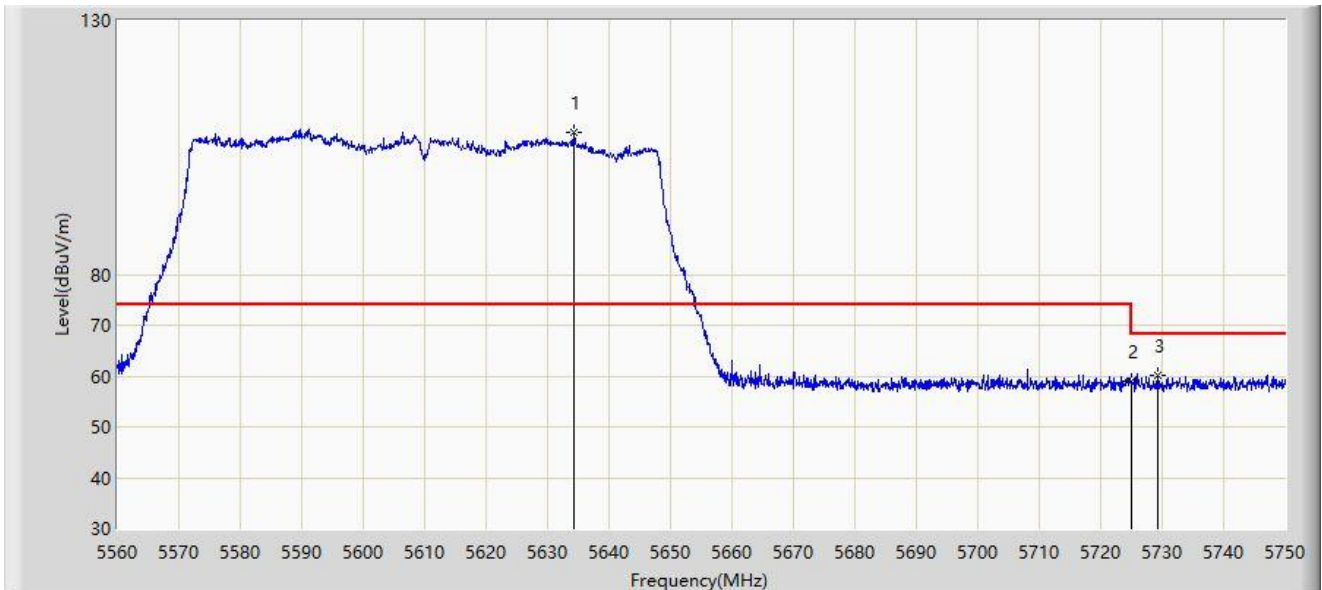
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5642.935        | 104.070                | 99.913               | N/A         | N/A            | 4.157         | PK   |
| 2  |      | 5725.000        | 58.770                 | 54.067               | -9.430      | 68.200         | 4.703         | PK   |
| 3  | *    | 5744.680        | 61.259                 | 56.842               | -6.941      | 68.200         | 4.416         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5610MHz with Ant 2+3 |                       |



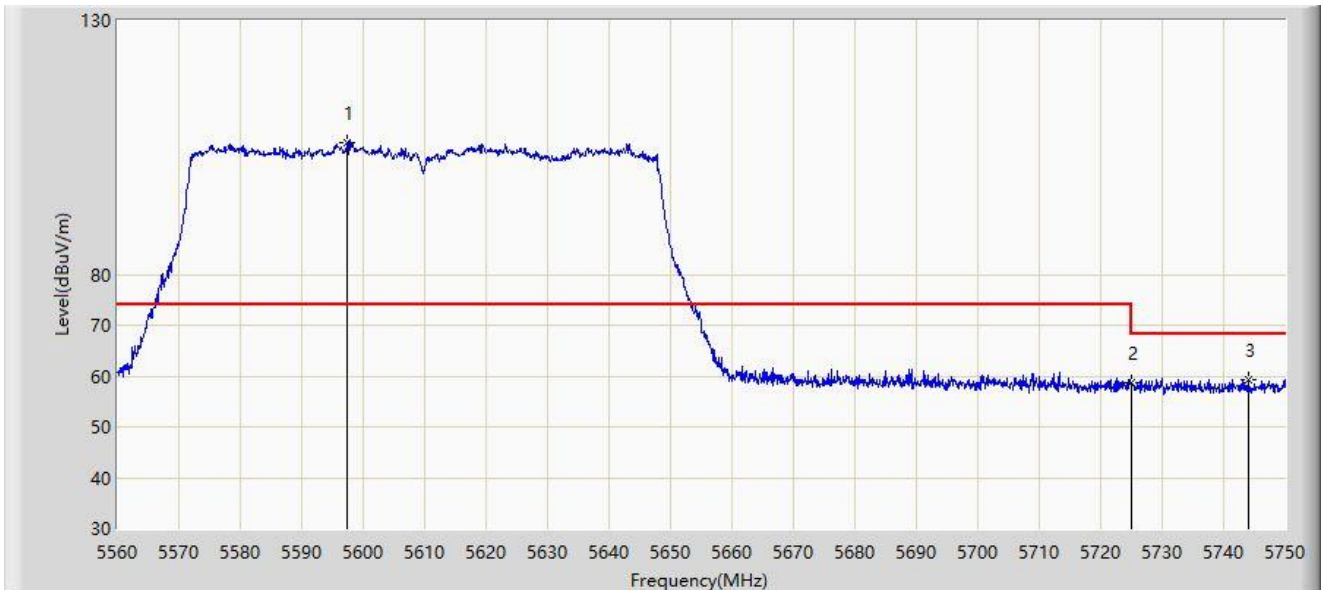
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5634.195        | 107.977                | 103.897              | N/A         | N/A            | 4.079         | PK   |
| 2  |      | 5725.000        | 58.891                 | 54.188               | -9.309      | 68.200         | 4.703         | PK   |
| 3  | *    | 5729.195        | 60.019                 | 55.360               | -8.181      | 68.200         | 4.658         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-07 |
| Limit: FCC_5G_RE(3m)                                             | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5610MHz with Ant 2+3 |                       |



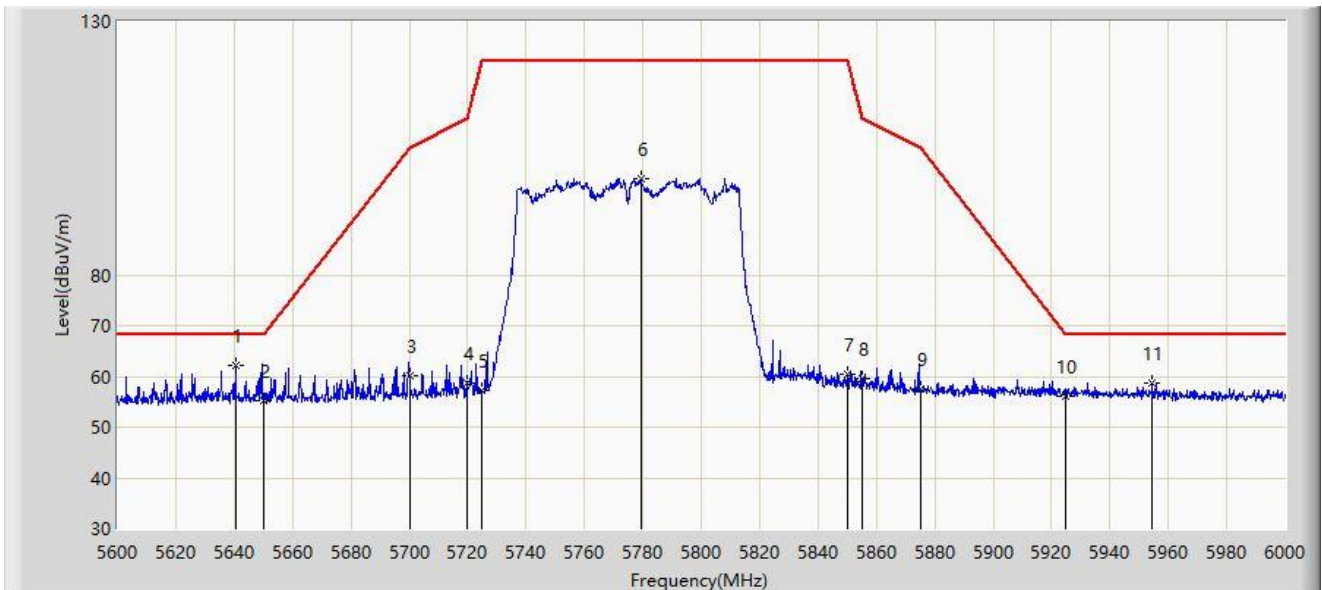
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  |      | 5597.430        | 105.937                | 102.453              | N/A         | N/A            | 3.484         | PK   |
| 2  |      | 5725.000        | 58.553                 | 53.850               | -9.647      | 68.200         | 4.703         | PK   |
| 3  | *    | 5744.015        | 59.419                 | 55.005               | -8.781      | 68.200         | 4.414         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-08 |
| Limit: FCC_5.8G_RE(3m)                                           | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5775MHz with Ant 0+1 |                       |



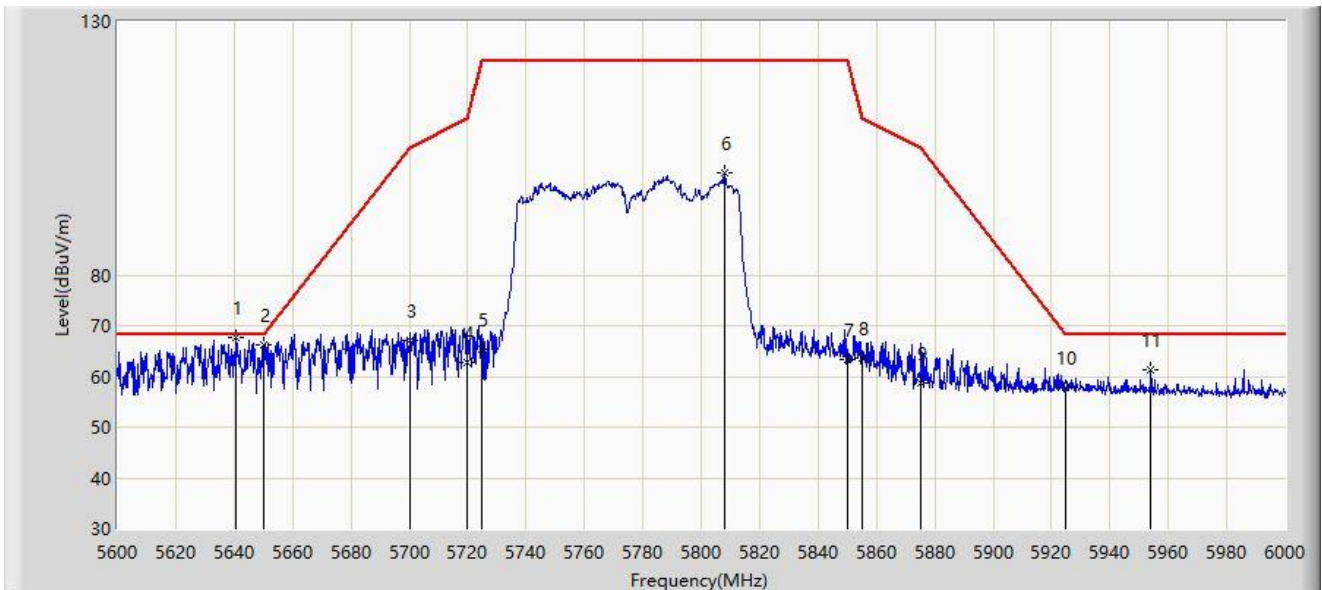
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5640.400        | 62.291                 | 58.132               | -5.909      | 68.200         | 4.159         | PK   |
| 2  |      | 5650.000        | 55.244                 | 51.121               | -12.956     | 68.200         | 4.122         | PK   |
| 3  |      | 5700.000        | 60.119                 | 55.682               | -45.081     | 105.200        | 4.437         | PK   |
| 4  |      | 5720.000        | 58.808                 | 54.144               | -51.992     | 110.800        | 4.663         | PK   |
| 5  |      | 5725.000        | 57.213                 | 52.510               | -64.987     | 122.200        | 4.703         | PK   |
| 6  |      | 5779.200        | 98.903                 | 94.000               | N/A         | N/A            | 4.903         | PK   |
| 7  |      | 5850.000        | 60.455                 | 55.472               | -61.745     | 122.200        | 4.984         | PK   |
| 8  |      | 5855.000        | 59.465                 | 54.427               | -51.335     | 110.800        | 5.038         | PK   |
| 9  |      | 5875.000        | 57.493                 | 52.362               | -47.707     | 105.200        | 5.131         | PK   |
| 10 |      | 5925.000        | 56.228                 | 50.993               | -11.972     | 68.200         | 5.236         | PK   |
| 11 |      | 5954.600        | 58.579                 | 53.205               | -9.621      | 68.200         | 5.374         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-08 |
| Limit: FCC_5.8G_RE(3m)                                           | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5775MHz with Ant 0+1 |                       |



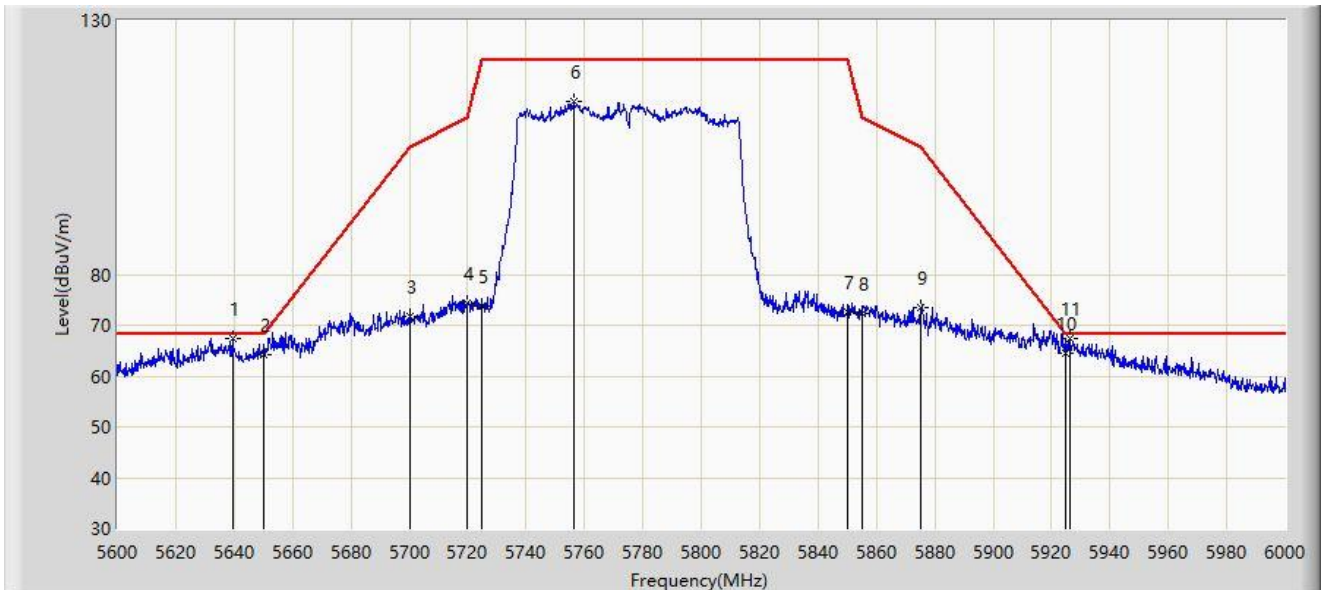
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5640.800        | 67.554                 | 63.390               | -0.646      | 68.200         | 4.164         | PK   |
| 2  |      | 5650.000        | 66.135                 | 62.012               | -2.065      | 68.200         | 4.122         | PK   |
| 3  |      | 5700.000        | 67.097                 | 62.660               | -38.103     | 105.200        | 4.437         | PK   |
| 4  |      | 5720.000        | 62.752                 | 58.088               | -48.048     | 110.800        | 4.663         | PK   |
| 5  |      | 5725.000        | 65.448                 | 60.745               | -56.752     | 122.200        | 4.703         | PK   |
| 6  |      | 5808.000        | 100.154                | 95.112               | N/A         | N/A            | 5.041         | PK   |
| 7  |      | 5850.000        | 63.406                 | 58.423               | -58.794     | 122.200        | 4.984         | PK   |
| 8  |      | 5855.000        | 63.577                 | 58.539               | -47.223     | 110.800        | 5.038         | PK   |
| 9  |      | 5875.000        | 58.777                 | 53.646               | -46.423     | 105.200        | 5.131         | PK   |
| 10 |      | 5925.000        | 57.697                 | 52.462               | -10.503     | 68.200         | 5.236         | PK   |
| 11 |      | 5954.000        | 61.247                 | 55.875               | -6.953      | 68.200         | 5.372         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-08 |
| Limit: FCC_5.8G_RE(3m)                                           | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Horizontal  |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi Module               | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5775MHz with Ant 2+3 |                       |



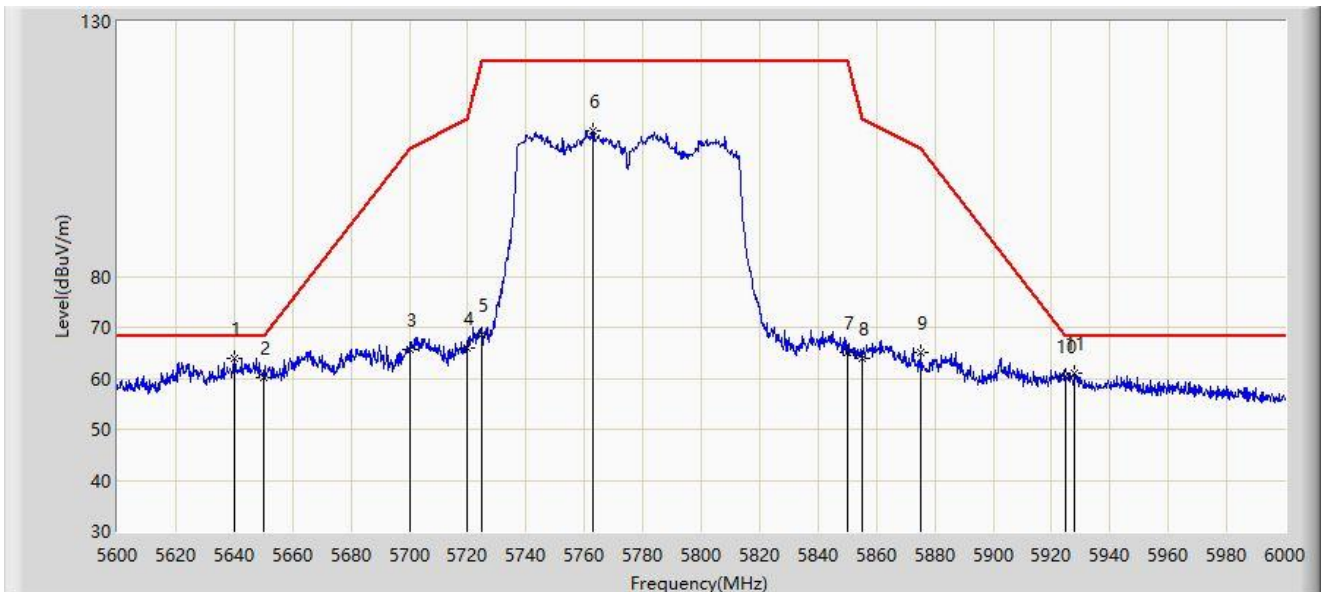
| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5639.400        | 67.464                 | 63.318               | -0.736      | 68.200         | 4.146         | PK   |
| 2  |      | 5650.000        | 64.243                 | 60.120               | -3.957      | 68.200         | 4.122         | PK   |
| 3  |      | 5700.000        | 71.730                 | 67.293               | -33.470     | 105.200        | 4.437         | PK   |
| 4  |      | 5720.000        | 74.486                 | 69.822               | -36.314     | 110.800        | 4.663         | PK   |
| 5  |      | 5725.000        | 73.773                 | 69.070               | -48.427     | 122.200        | 4.703         | PK   |
| 6  |      | 5756.200        | 114.038                | 109.484              | N/A         | N/A            | 4.553         | PK   |
| 7  |      | 5850.000        | 72.726                 | 67.743               | -49.474     | 122.200        | 4.984         | PK   |
| 8  |      | 5855.000        | 72.448                 | 67.410               | -38.352     | 110.800        | 5.038         | PK   |
| 9  |      | 5875.000        | 73.388                 | 68.257               | -31.812     | 105.200        | 5.131         | PK   |
| 10 |      | 5925.000        | 64.589                 | 59.354               | -3.611      | 68.200         | 5.236         | PK   |
| 11 |      | 5926.200        | 67.447                 | 62.205               | -0.753      | 68.200         | 5.242         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| Site: WZ-AC2                                                     | Test Date: 2024-03-08 |
| Limit: FCC_5.8G_RE(3m)                                           | Engineer: Bob Zhang   |
| Probe: BBHA9120D_1457_1-18GHz                                    | Polarity: Vertical    |
| EUT: 4x4 Wave-2 802.11ac/a/n Mini PCIe WiFi<br>Module            | Power: AC 120V/60Hz   |
| Test Mode: Transmit by 802.11ac-VHT80+80 at 5775MHz with Ant 2+3 |                       |



| No | Mark | Frequency (MHz) | Measure Level (dBμV/m) | Reading Level (dBμV) | Margin (dB) | Limit (dBμV/m) | Factor (dB/m) | Type |
|----|------|-----------------|------------------------|----------------------|-------------|----------------|---------------|------|
| 1  | *    | 5640.200        | 63.862                 | 59.706               | -4.338      | 68.200         | 4.156         | PK   |
| 2  |      | 5650.000        | 60.199                 | 56.076               | -8.001      | 68.200         | 4.122         | PK   |
| 3  |      | 5700.000        | 65.605                 | 61.168               | -39.595     | 105.200        | 4.437         | PK   |
| 4  |      | 5720.000        | 65.900                 | 61.236               | -44.900     | 110.800        | 4.663         | PK   |
| 5  |      | 5725.000        | 68.433                 | 63.730               | -53.767     | 122.200        | 4.703         | PK   |
| 6  |      | 5762.800        | 108.530                | 103.866              | N/A         | N/A            | 4.664         | PK   |
| 7  |      | 5850.000        | 65.016                 | 60.033               | -57.184     | 122.200        | 4.984         | PK   |
| 8  |      | 5855.000        | 64.011                 | 58.973               | -46.789     | 110.800        | 5.038         | PK   |
| 9  |      | 5875.000        | 65.122                 | 59.991               | -40.078     | 105.200        | 5.131         | PK   |
| 10 |      | 5925.000        | 60.472                 | 55.237               | -7.728      | 68.200         | 5.236         | PK   |
| 11 |      | 5927.800        | 61.126                 | 55.874               | -7.074      | 68.200         | 5.252         | PK   |

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

## **Appendix B – Test Setup Photograph**

Refer to “2402RSU020-UT” file.

## Appendix C – EUT Photograph

Refer to “2402RSU020-UE” file.

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The End

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