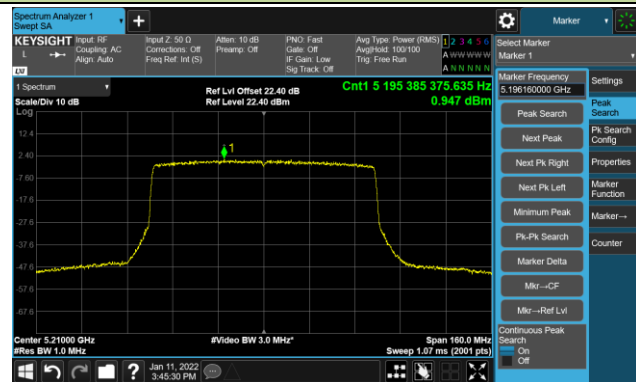
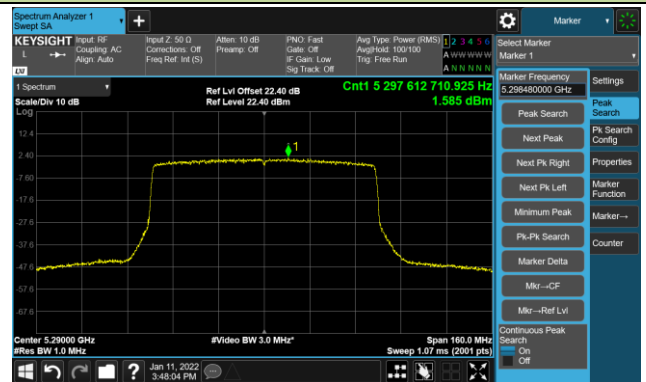


## 802.11ax-HE80 Power Spectral Density- Ant 0

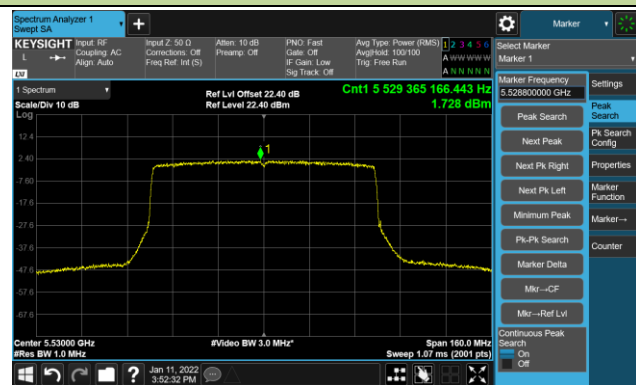
Channel 42 (5210MHz)



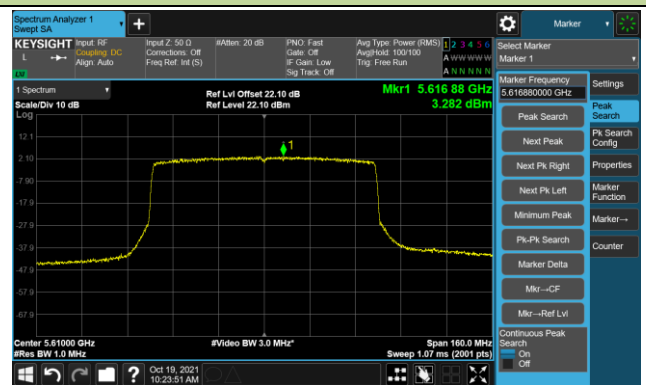
Channel 58 (5290MHz)



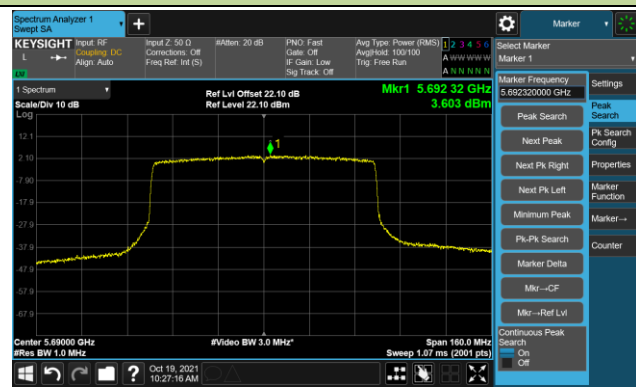
Channel 106 (5530MHz)



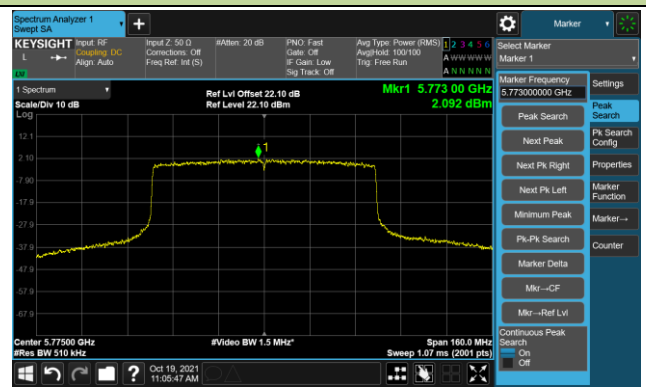
Channel 122 (5610MHz)



Channel 138 (5690MHz)

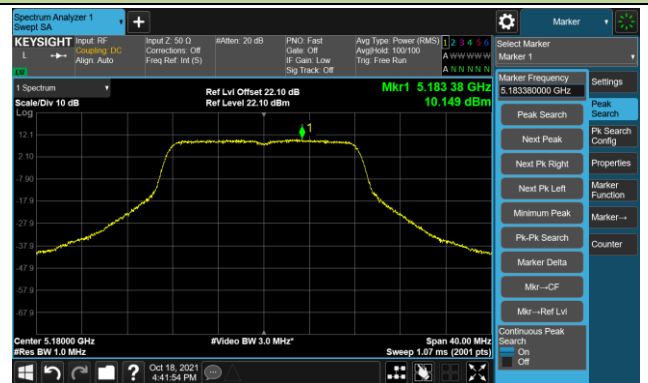


Channel 155 (5775MHz)

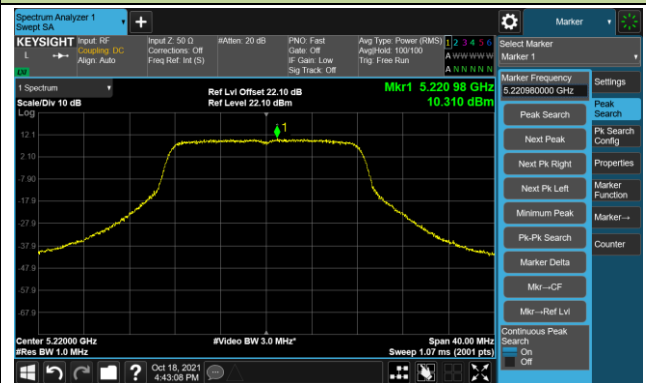


## 802.11a Power Spectral Density- Ant 1

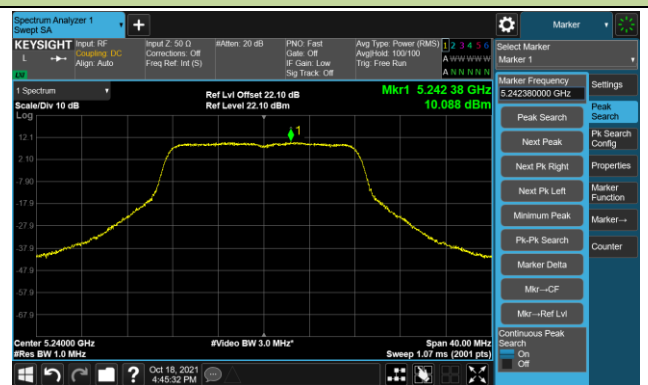
Channel 36 (5180MHz)



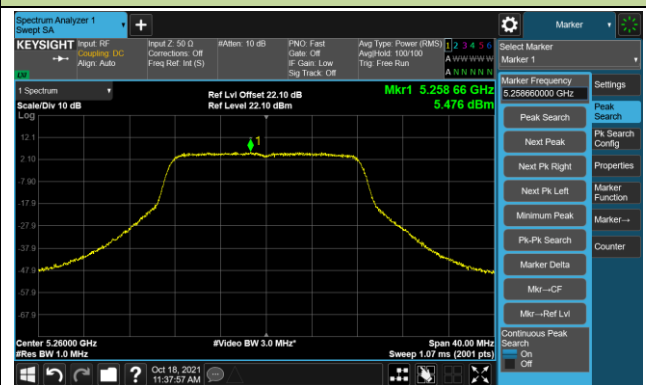
Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



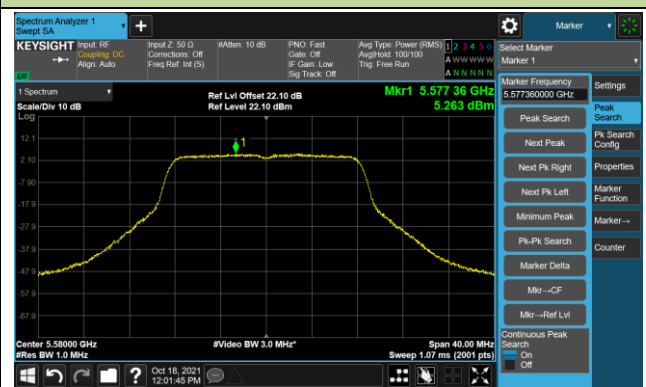
Channel 64 (5320MHz)



Channel 100 (5500MHz)

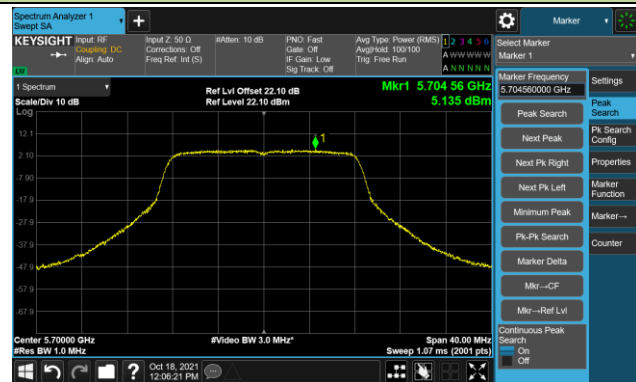


Channel 116 (5580MHz)

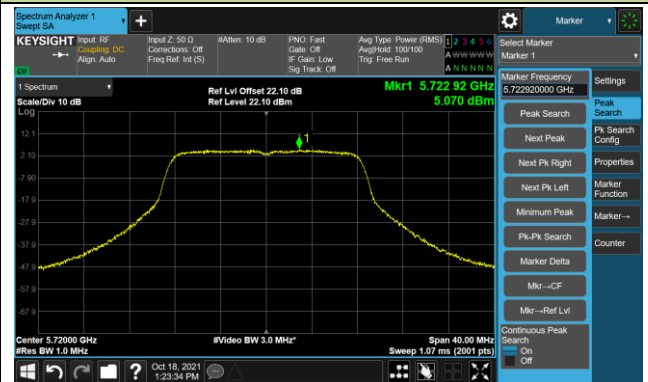


802.11a Power Spectral Density- Ant 1

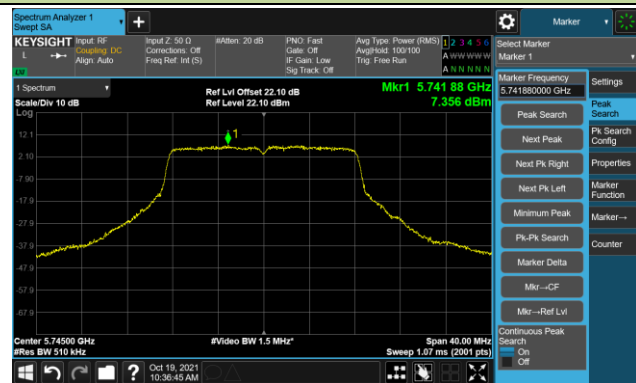
Channel 140 (5700MHz)



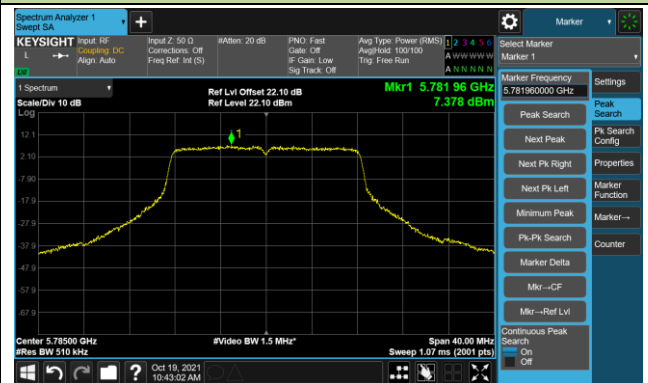
Channel 144(5720MHz)



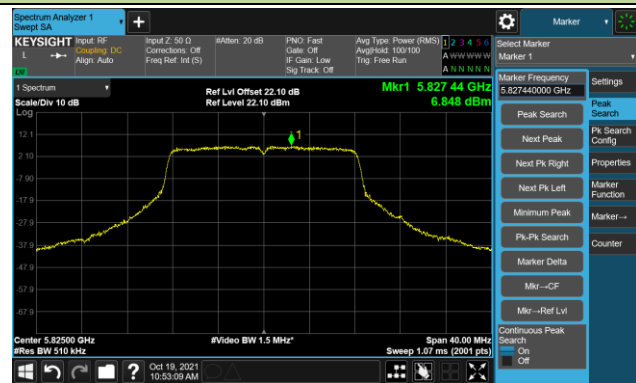
Channel 149 (5745MHz)



Channel 157 (5785MHz)

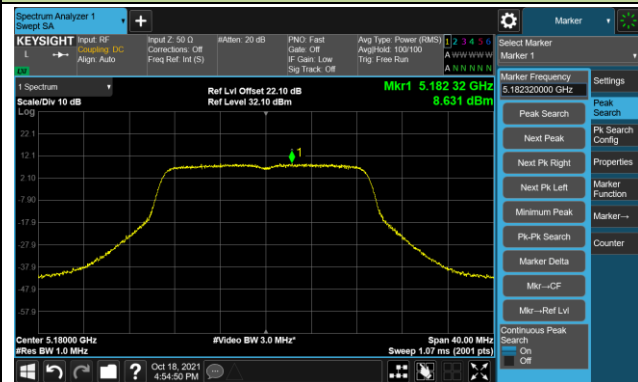


Channel 165 (5825MHz)

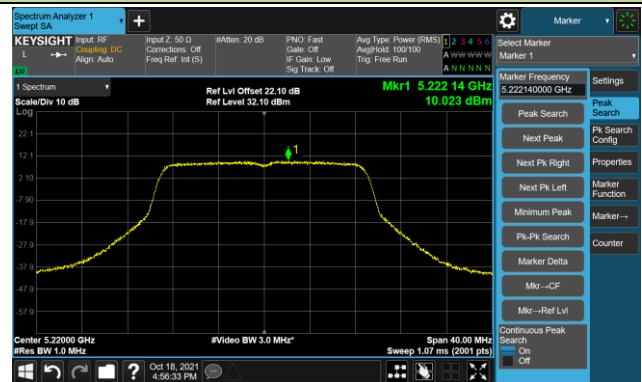


## 802.11ac-VHT20 Power Spectral Density- Ant 1

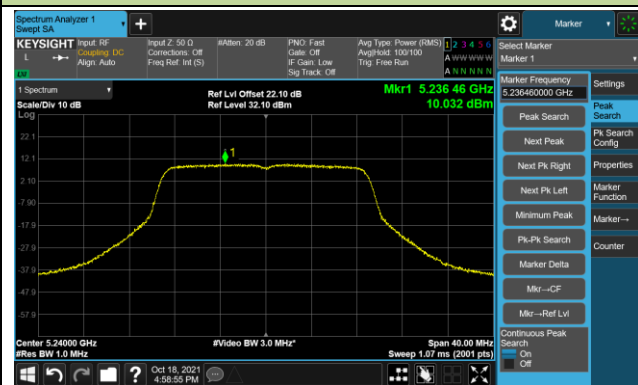
Channel 36 (5180MHz)



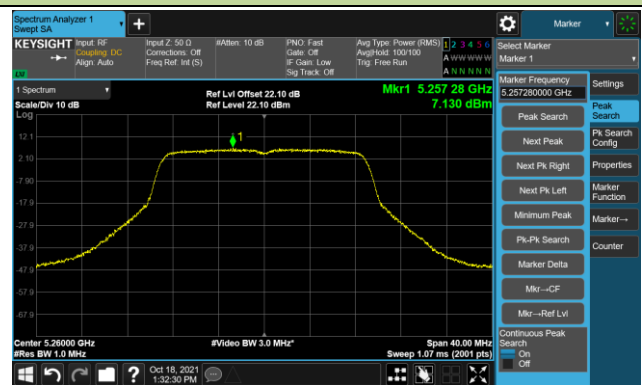
Channel 44 (5220MHz)



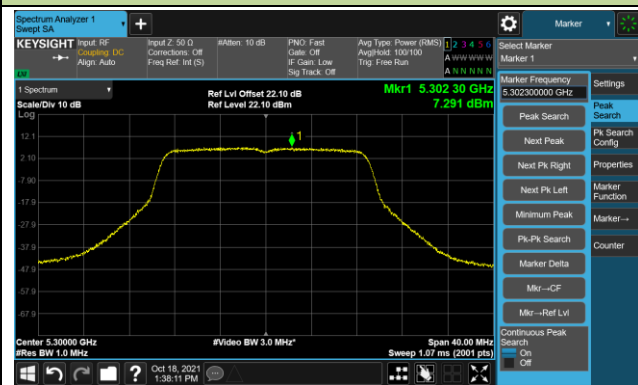
Channel 48 (5240MHz)



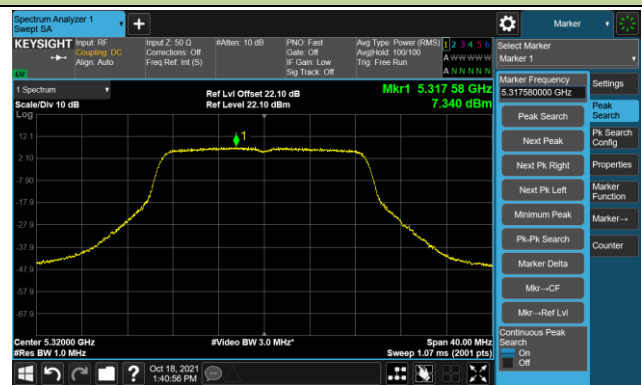
Channel 52 (5260MHz)



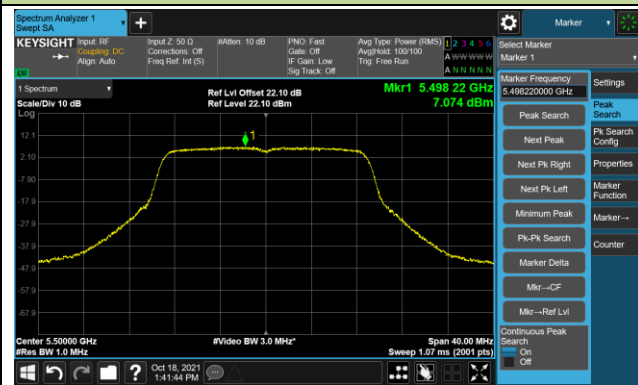
Channel 60 (5300MHz)



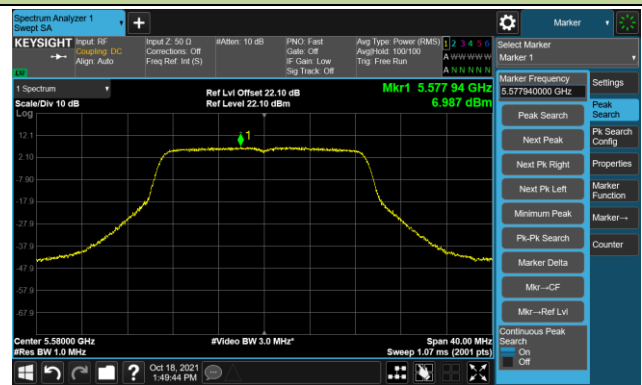
Channel 64 (5320MHz)



Channel 100 (5500MHz)

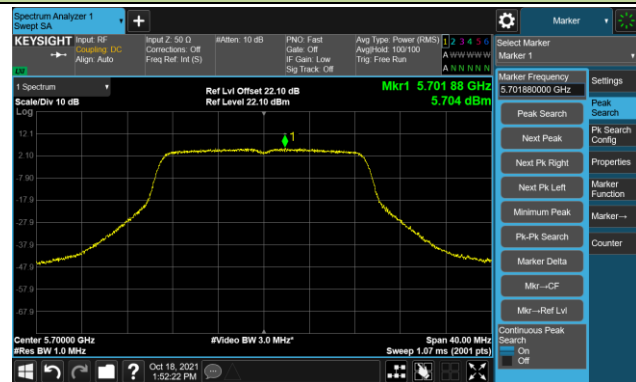


Channel 116 (5580MHz)

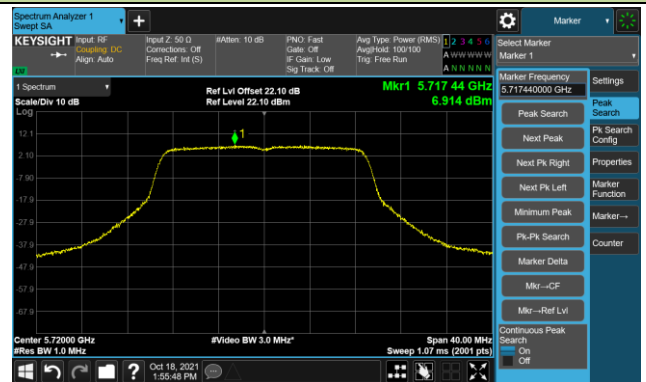


## 802.11ac-VHT20 Power Spectral Density- Ant 1

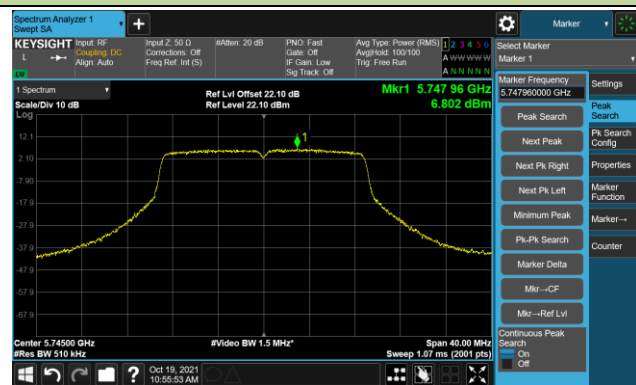
Channel 140 (5700MHz)



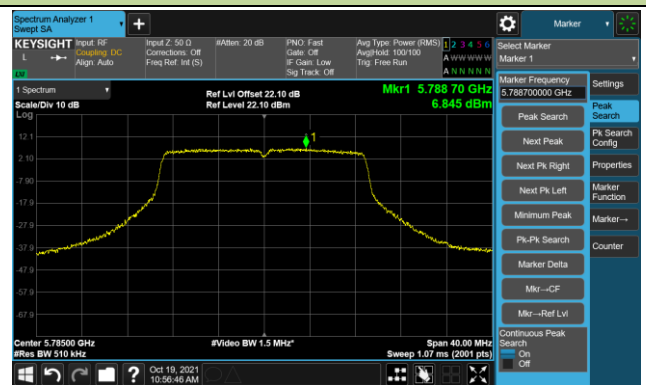
Channel 144(5720MHz)



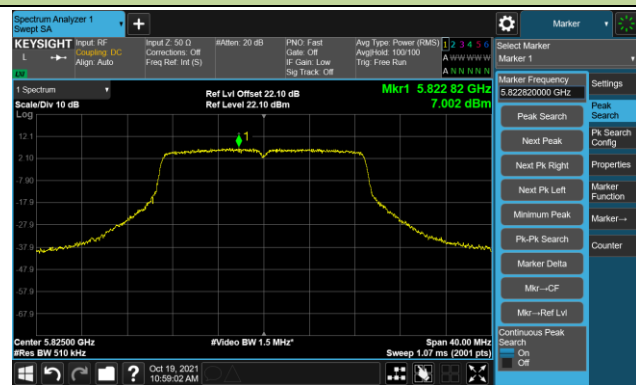
Channel 149 (5745MHz)



Channel 157 (5785MHz)



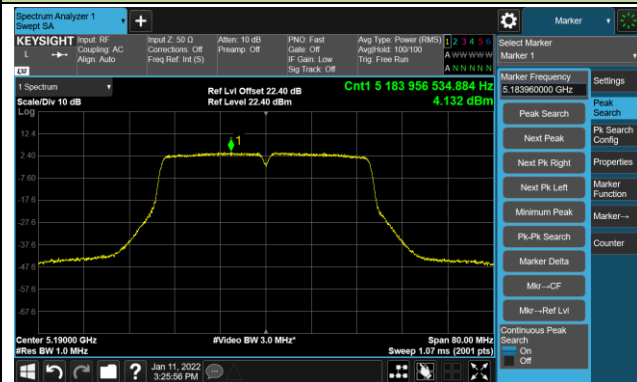
Channel 165 (5825MHz)



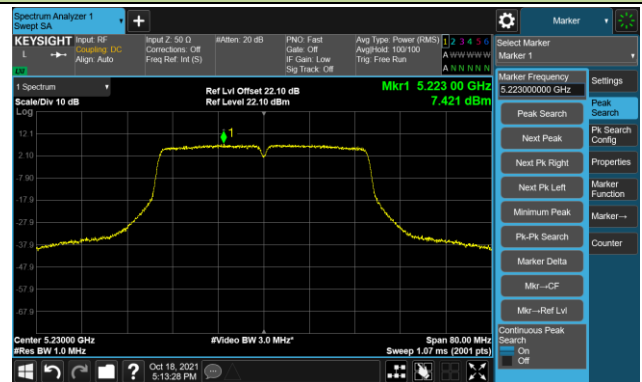


## 802.11ac-VHT40 Power Spectral Density- Ant 1

Channel 38 (5190MHz)



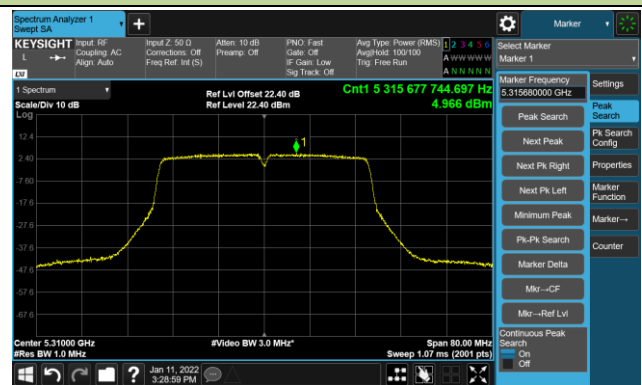
Channel 46 (5230MHz)



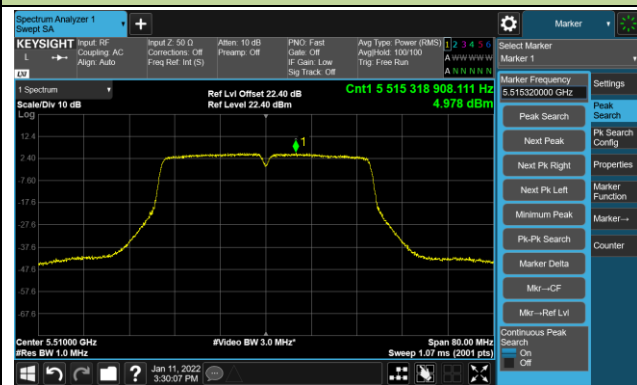
Channel 54 (5270MHz)



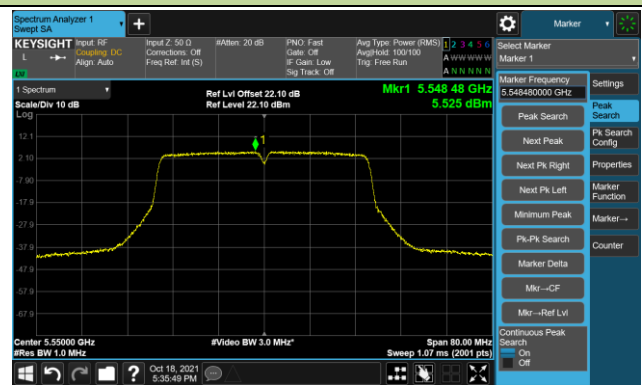
Channel 62 (5310MHz)



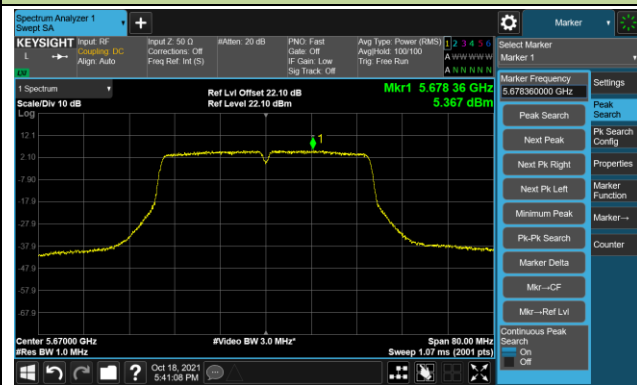
Channel 102 (5510MHz)



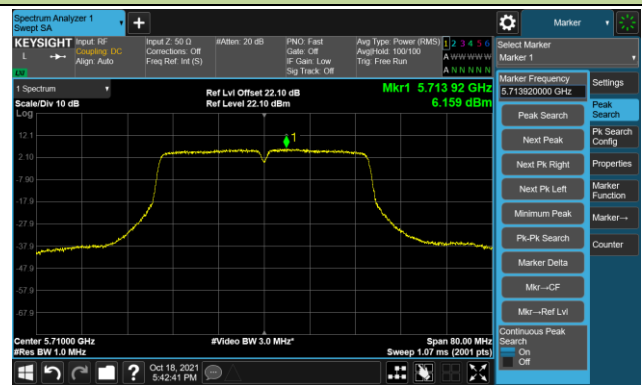
Channel 110 (5550MHz)



Channel 134 (5670MHz)

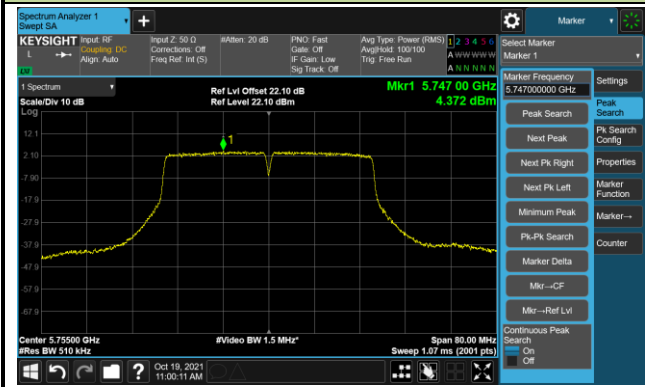


Channel 142(5710MHz)

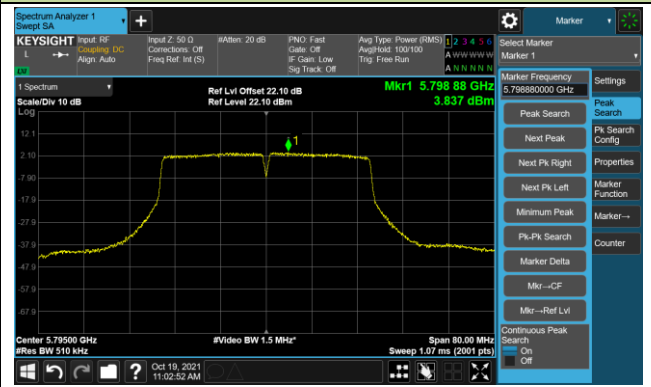


802.11ac-VHT40 Power Spectral Density- Ant 1

Channel 151 (5755MHz)

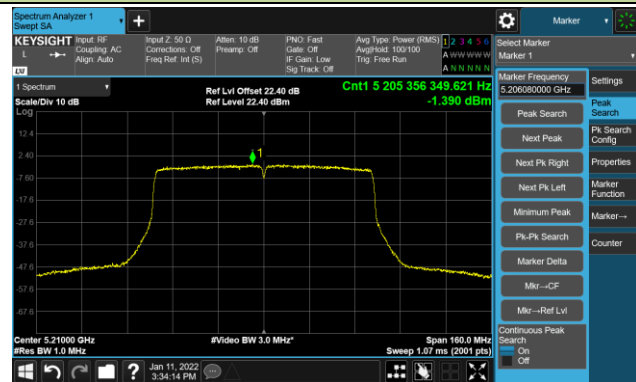


Channel 159 (5795MHz)

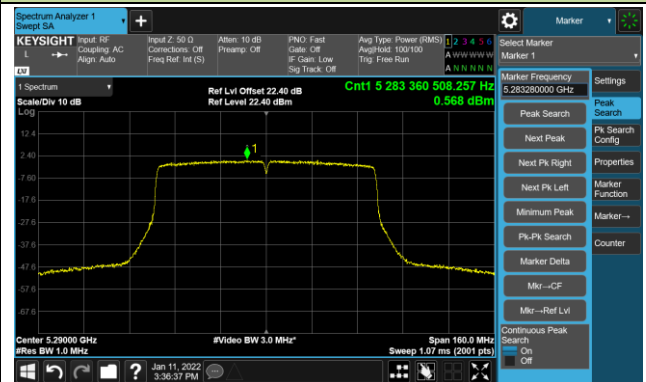


## 802.11ac-VHT80 Power Spectral Density- Ant 1

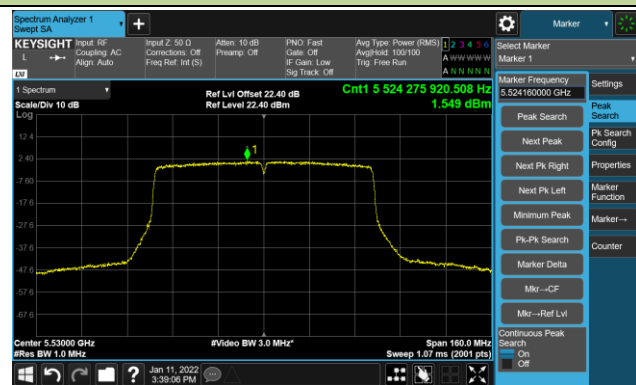
Channel 42 (5210MHz)



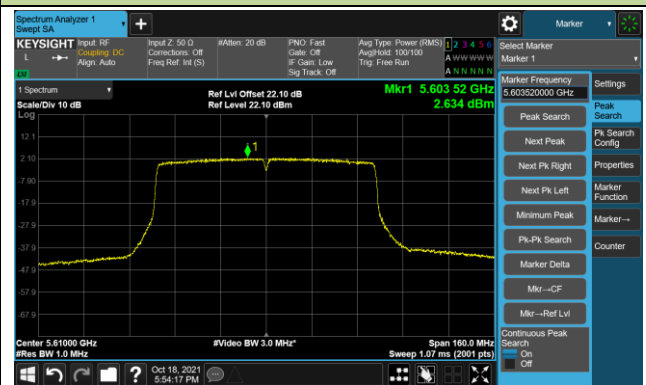
Channel 58 (5290MHz)



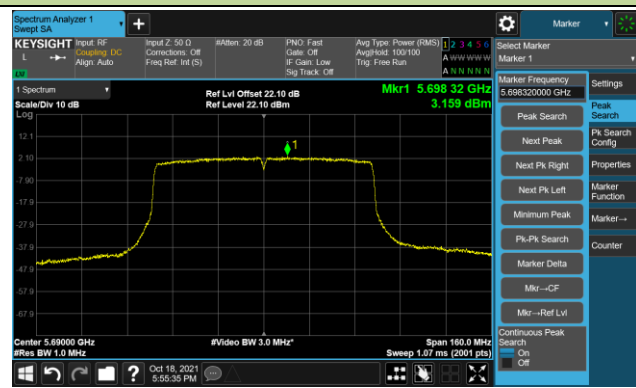
Channel 106 (5530MHz)



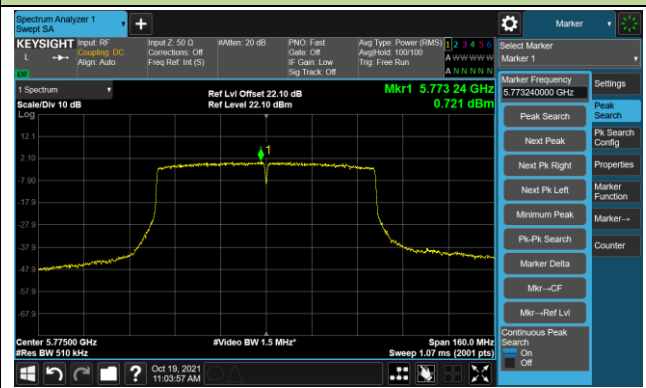
Channel 122 (5610MHz)



Channel 138 (5690MHz)



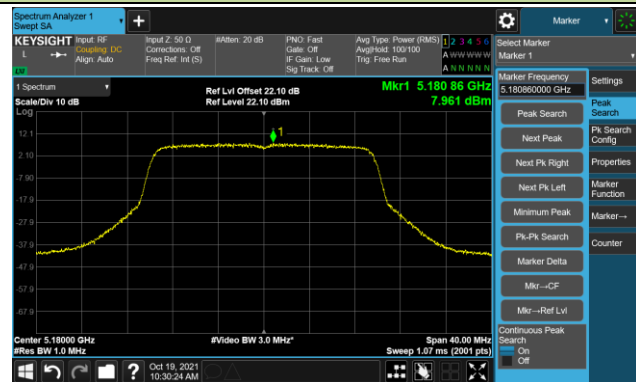
Channel 155 (5775MHz)



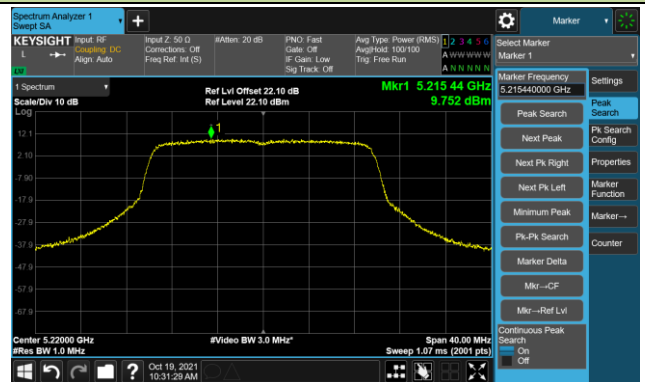


## 802.11ax-HE20 Power Spectral Density- Ant 1

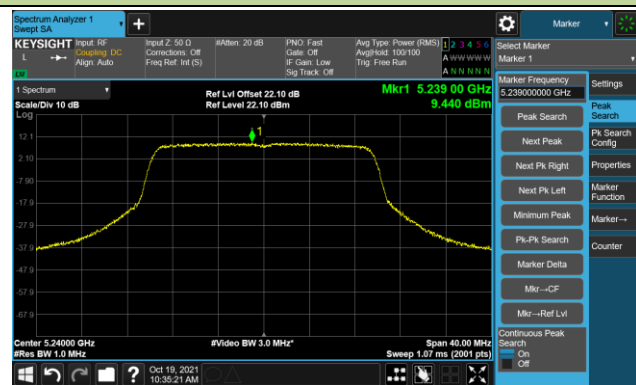
Channel 36 (5180MHz)



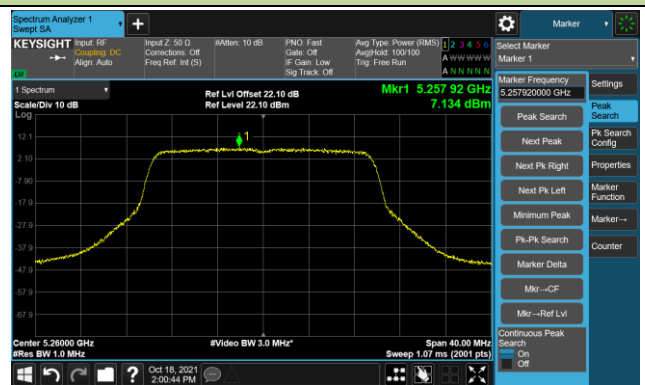
Channel 44 (5220MHz)



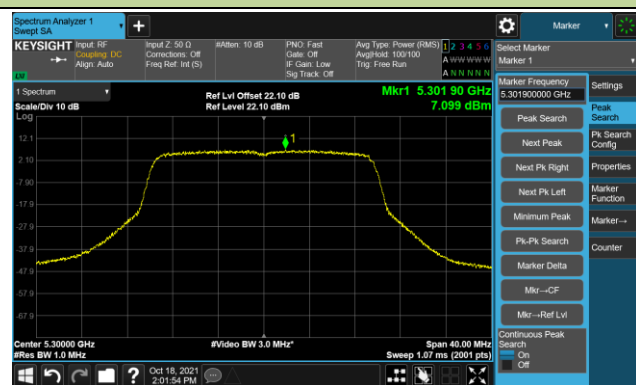
Channel 48 (5240MHz)



Channel 52 (5260MHz)



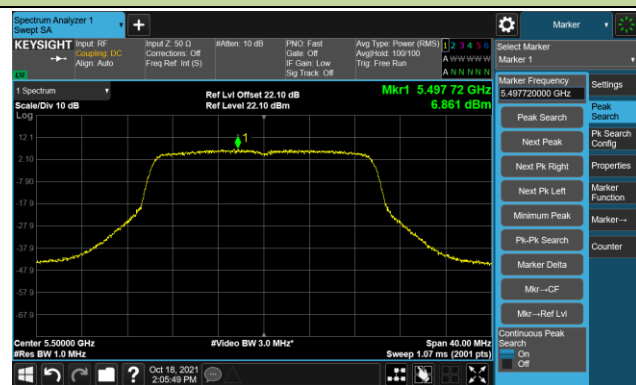
Channel 60 (5300MHz)



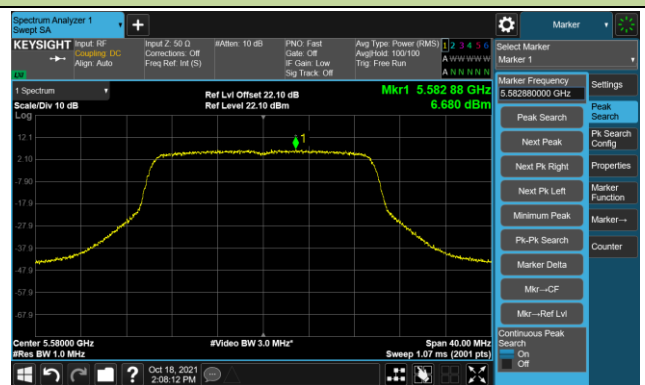
Channel 64 (5320MHz)



Channel 100 (5500MHz)

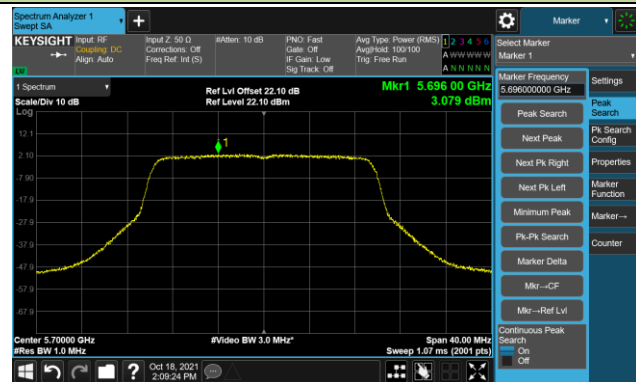


Channel 116 (5580MHz)

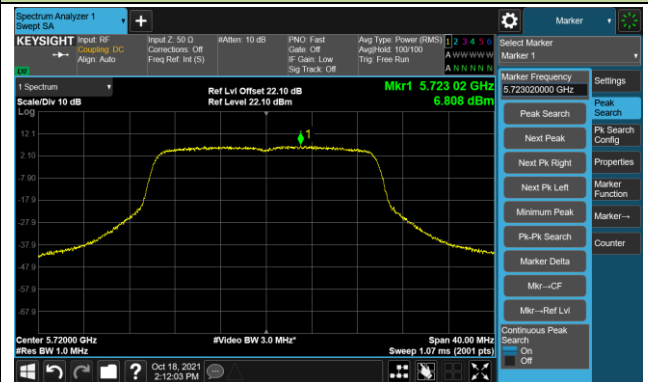


802.11ax-HE20 Power Spectral Density- Ant 1

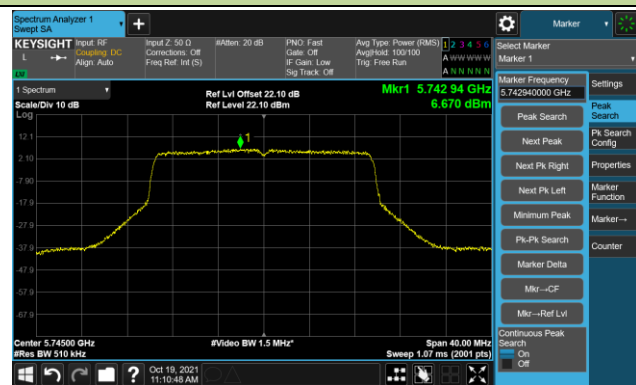
Channel 140 (5700MHz)



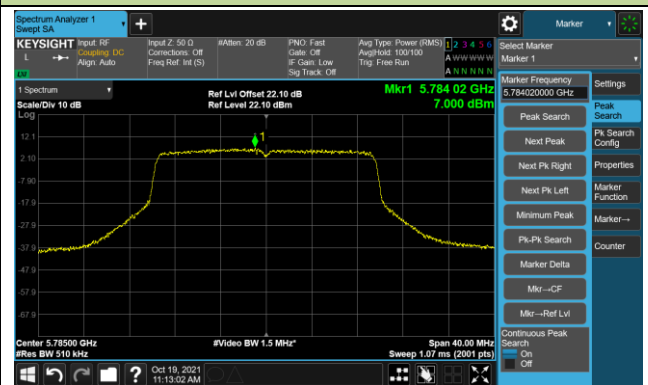
Channel 144(5720MHz)



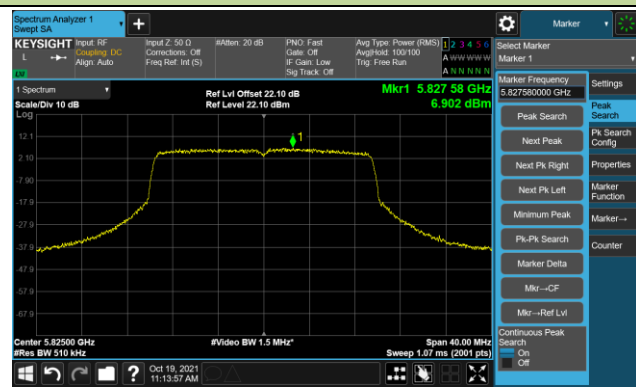
Channel 149 (5745MHz)



Channel 157 (5785MHz)

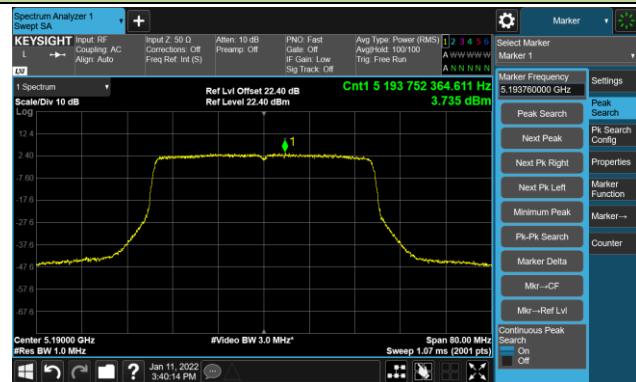


Channel 165 (5825MHz)

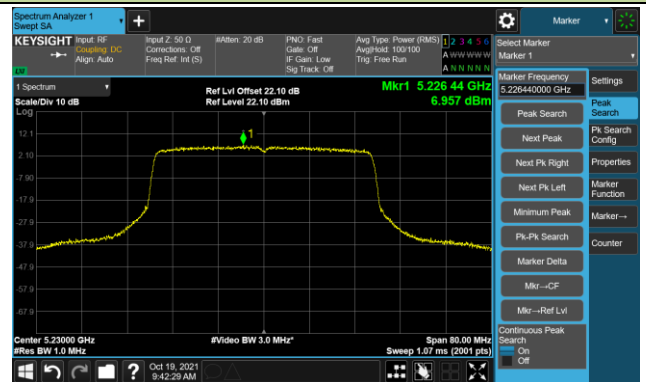


### 802.11ax-HE40 Power Spectral Density- Ant 1

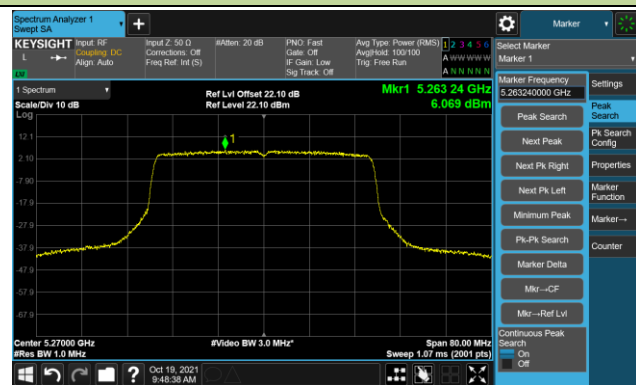
Channel 38 (5190MHz)



Channel 46 (5230MHz)



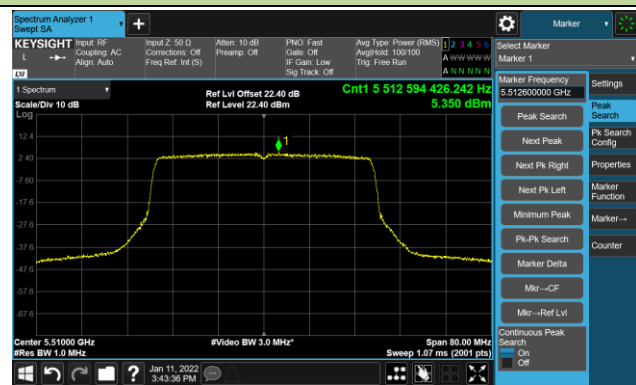
Channel 54 (5270MHz)



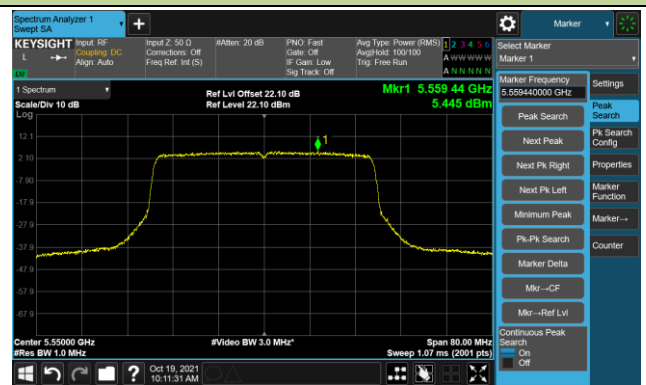
Channel 62 (5310MHz)



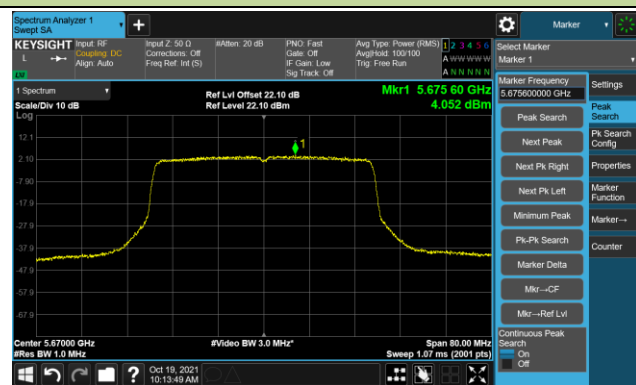
Channel 102 (5510MHz)



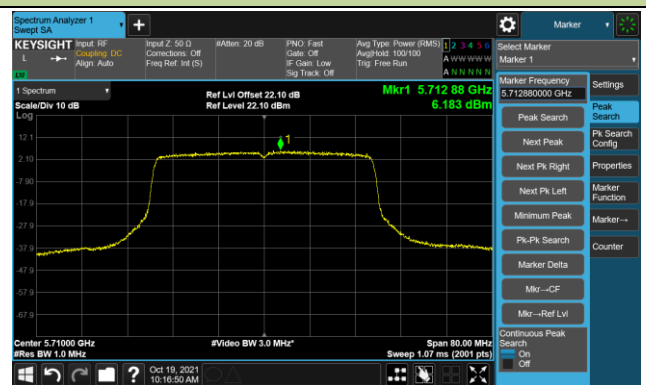
Channel 110 (5550MHz)



Channel 134 (5670MHz)



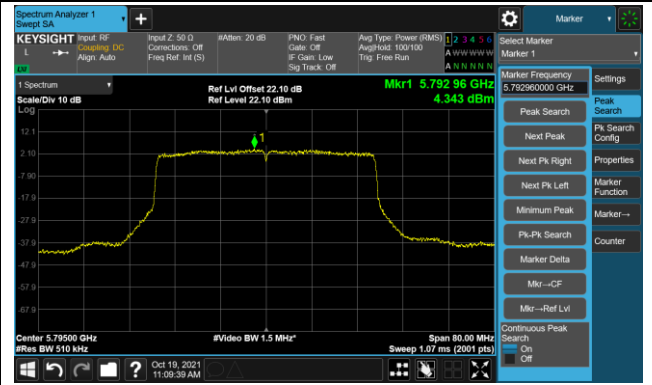
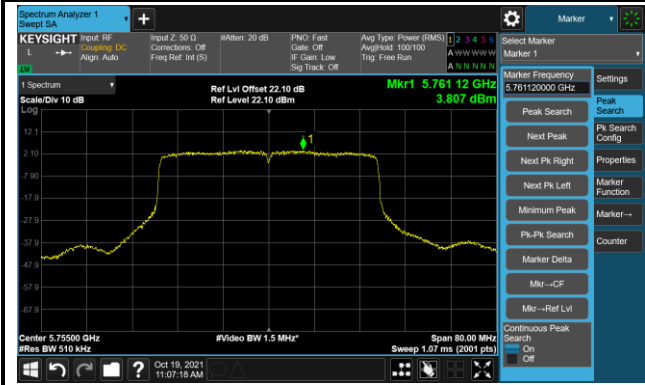
Channel 142(5710MHz)



802.11ax-HE40 Power Spectral Density- Ant 1

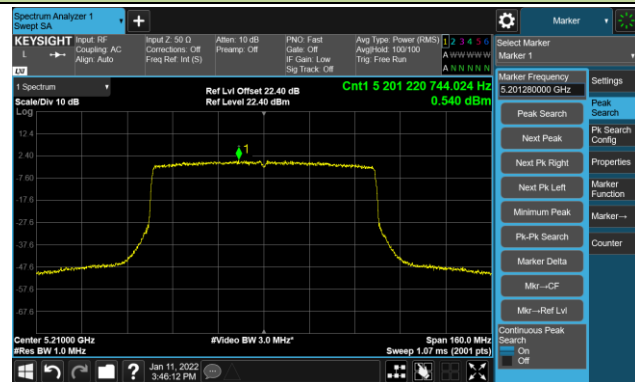
Channel 151 (5755MHz)

Channel 159 (5795MHz)

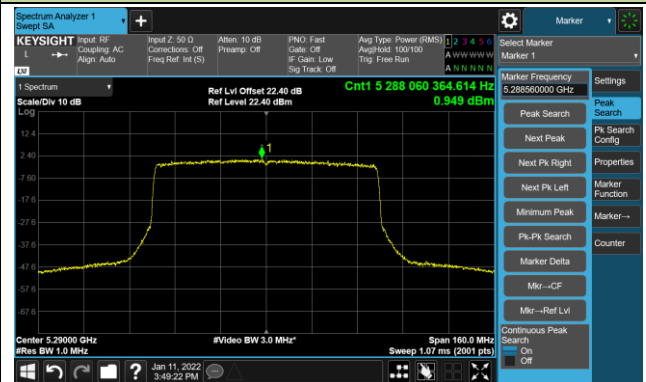


## 802.11ax-HE80 Power Spectral Density- Ant 1

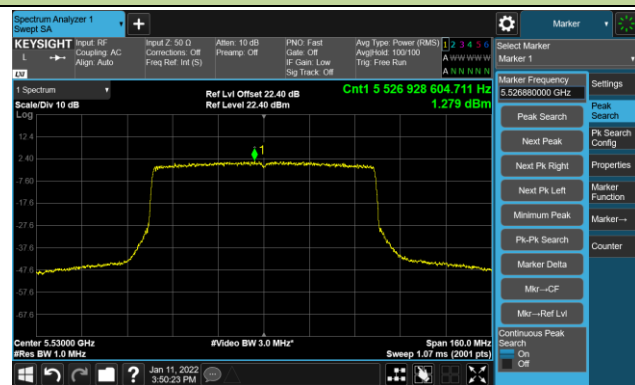
Channel 42 (5210MHz)



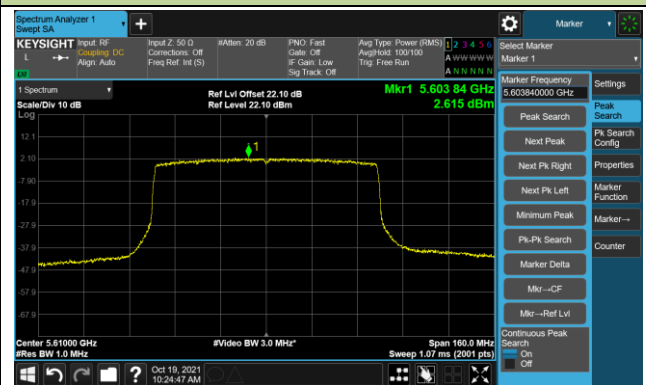
Channel 58 (5290MHz)



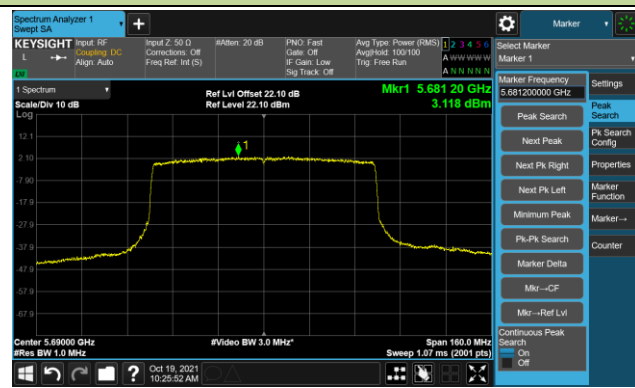
Channel 106 (5530MHz)



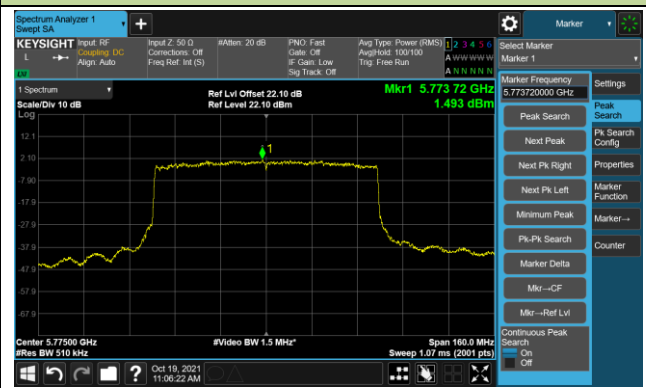
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



**A.6 Frequency Stability Test Result**

|           |            |               |                        |
|-----------|------------|---------------|------------------------|
| Test Site | SIP-TR2    | Test Engineer | Alisa Deng             |
| Test Date | 2021/10/21 | Test Mode     | 5180MHz (Carrier Mode) |

| Voltage (%) | Power (VAC) | Temp (°C) | Frequency Tolerance (ppm) |           |           |            |
|-------------|-------------|-----------|---------------------------|-----------|-----------|------------|
|             |             |           | 0 minutes                 | 2 minutes | 5 minutes | 10 minutes |
| 100%        | 120         | - 30      | 8.11                      | 8.58      | 8.57      | 8.57       |
|             |             | - 20      | 9.67                      | 9.71      | 9.70      | 9.70       |
|             |             | - 10      | 8.99                      | 8.71      | 8.75      | 8.74       |
|             |             | 0         | 6.76                      | 6.42      | 6.51      | 6.52       |
|             |             | + 10      | 3.49                      | 3.45      | 3.61      | 3.62       |
|             |             | + 20      | 1.28                      | 1.08      | 1.22      | 1.29       |
|             |             | + 30      | -1.38                     | -1.78     | -1.59     | -1.40      |
|             |             | + 40      | -4.39                     | -4.79     | -4.66     | -4.53      |
|             |             | + 50      | -6.62                     | -7.26     | -7.36     | -7.33      |
| 115%        | 138         | + 20      | 1.23                      | 0.66      | 0.59      | 0.59       |
| 85%         | 102         | + 20      | 0.56                      | 0.46      | 0.41      | 0.49       |

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



**A.7 Radiated Spurious Emission Test Result**

|           |   |               |                      |
|-----------|---|---------------|----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou           |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 36 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                      |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|-------------|----------|--------------|
| *    | 10358.5         | 45.8                 | 3.4           | 49.2                   | 68.2           | -19.0       | Peak     | Horizontal   |
|      | 11625.0         | 44.2                 | 5.2           | 49.4                   | 74.0           | -24.6       | Peak     | Horizontal   |
| *    | 14345.0         | 42.4                 | 8.0           | 50.4                   | 68.2           | -17.8       | Peak     | Horizontal   |
|      | 15543.5         | 43.1                 | 5.9           | 49.0                   | 74.0           | -25.0       | Peak     | Horizontal   |
| *    | 10358.5         | 48.9                 | 3.4           | 52.3                   | 68.2           | -15.9       | Peak     | Vertical     |
|      | 11429.5         | 42.9                 | 5.5           | 48.4                   | 74.0           | -25.6       | Peak     | Vertical     |
| *    | 14158.0         | 41.9                 | 8.2           | 50.1                   | 68.2           | -18.1       | Peak     | Vertical     |
|      | 15535.0         | 44.2                 | 6.0           | 50.2                   | 74.0           | -23.8       | Peak     | Vertical     |

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

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

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

|           |   |               |                      |
|-----------|---|---------------|----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou           |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 44 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                      |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
| *    | 10222.5         | 45.2                 | 3.0           | 48.2                   | 68.2           | -20.0         | Peak     | Horizontal   |
|      | 11531.5         | 44.0                 | 5.5           | 49.5                   | 74.0           | -24.5         | Peak     | Horizontal   |
| *    | 14175.0         | 42.3                 | 8.3           | 50.6                   | 68.2           | -17.6         | Peak     | Horizontal   |
|      | 15662.5         | 44.3                 | 5.5           | 49.8                   | 74.0           | -24.2         | Peak     | Horizontal   |
|      | 8301.5          | 44.7                 | -0.8          | 43.9                   | 74.0           | -30.1         | Peak     | Vertical     |
| *    | 10443.5         | 50.9                 | 3.5           | 54.4                   | 68.2           | -13.8         | Peak     | Vertical     |
|      | 11633.5         | 43.5                 | 5.0           | 48.5                   | 74.0           | -25.5         | Peak     | Vertical     |
| *    | 14175.0         | 41.9                 | 8.3           | 50.2                   | 68.2           | -18.0         | Peak     | Vertical     |

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

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

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

|           |   |               |                      |
|-----------|---|---------------|----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou           |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 48 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                      |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8140.0          | 45.7                       | 0.0           | 45.7                         | 74.0                 | -28.3         | Peak     | Horizontal   |
| *    | 9780.5          | 45.2                       | 2.7           | 47.9                         | 68.2                 | -20.3         | Peak     | Horizontal   |
|      | 10817.5         | 44.9                       | 4.4           | 49.3                         | 74.0                 | -24.7         | Peak     | Horizontal   |
| *    | 14175.0         | 41.3                       | 8.3           | 49.6                         | 68.2                 | -18.6         | Peak     | Horizontal   |
|      | 8148.5          | 44.7                       | 0.1           | 44.8                         | 74.0                 | -29.2         | Peak     | Vertical     |
| *    | 10477.5         | 47.7                       | 3.8           | 51.5                         | 68.2                 | -16.7         | Peak     | Vertical     |
|      | 11446.5         | 43.5                       | 5.4           | 48.9                         | 74.0                 | -25.1         | Peak     | Vertical     |
| *    | 14166.5         | 42.5                       | 8.3           | 50.8                         | 68.2                 | -17.4         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                      |
|-----------|---|---------------|----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou           |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 52 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                      |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8276.0          | 44.9                 | -0.8          | 44.1                   | 74.0           | -29.9         | Peak     | Horizontal   |
| *    | 9823.0          | 44.0                 | 3.0           | 47.0                   | 68.2           | -21.2         | Peak     | Horizontal   |
|      | 11438.0         | 42.9                 | 5.5           | 48.4                   | 74.0           | -25.6         | Peak     | Horizontal   |
| *    | 14251.5         | 42.5                 | 7.8           | 50.3                   | 68.2           | -17.9         | Peak     | Horizontal   |
|      | 8403.5          | 45.6                 | -0.7          | 44.9                   | 74.0           | -29.1         | Peak     | Vertical     |
| *    | 10520.0         | 49.6                 | 3.6           | 53.2                   | 68.2           | -15.0         | Peak     | Vertical     |
|      | 10987.5         | 44.4                 | 4.8           | 49.2                   | 74.0           | -24.8         | Peak     | Vertical     |
| *    | 14175.0         | 42.0                 | 8.3           | 50.3                   | 68.2           | -17.9         | Peak     | Vertical     |

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

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

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

|           |   |               |                      |
|-----------|---|---------------|----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou           |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 60 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                      |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8165.5          | 44.7                 | 0.0           | 44.7                   | 74.0           | -29.3         | Peak     | Horizontal   |
| *    | 10596.5         | 47.3                 | 3.5           | 50.8                   | 68.2           | -17.4         | Peak     | Horizontal   |
|      | 11650.5         | 44.3                 | 4.7           | 49.0                   | 74.0           | -25.0         | Peak     | Horizontal   |
| *    | 14175.0         | 40.9                 | 8.3           | 49.2                   | 68.2           | -19.0         | Peak     | Horizontal   |
|      | 8216.5          | 44.9                 | -0.5          | 44.4                   | 74.0           | -29.6         | Peak     | Vertical     |
| *    | 10596.5         | 47.4                 | 3.5           | 50.9                   | 68.2           | -17.3         | Peak     | Vertical     |
|      | 11446.5         | 44.1                 | 5.4           | 49.5                   | 74.0           | -24.5         | Peak     | Vertical     |
| *    | 14685.0         | 42.4                 | 7.7           | 50.1                   | 68.2           | -18.1         | Peak     | Vertical     |

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

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

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

|           |   |               |                      |
|-----------|---|---------------|----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou           |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 64 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                      |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8420.5          | 46.0                       | -0.7          | 45.3                         | 74.0                 | -28.7         | Peak     | Horizontal   |
| *    | 10103.5         | 45.0                       | 2.6           | 47.6                         | 68.2                 | -20.6         | Peak     | Horizontal   |
|      | 11540.0         | 43.4                       | 5.4           | 48.8                         | 74.0                 | -25.2         | Peak     | Horizontal   |
| *    | 14166.5         | 42.5                       | 8.3           | 50.8                         | 68.2                 | -17.4         | Peak     | Horizontal   |
|      | 8335.5          | 45.8                       | -1.1          | 44.7                         | 74.0                 | -29.3         | Peak     | Vertical     |
| *    | 10044.0         | 42.6                       | 2.5           | 45.1                         | 68.2                 | -23.1         | Peak     | Vertical     |
|      | 10639.0         | 47.5                       | 3.7           | 51.2                         | 74.0                 | -22.8         | Peak     | Vertical     |
| *    | 14039.0         | 41.3                       | 6.9           | 48.2                         | 68.2                 | -20.0         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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



|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/19  | Test Mode     | 802.11a – Channel 100 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8199.5          | 44.4                 | -0.4          | 44.0                   | 74.0           | -30.0         | Peak     | Horizontal   |
| *    | 9823.0          | 44.4                 | 3.0           | 47.4                   | 68.2           | -20.8         | Peak     | Horizontal   |
|      | 11625.0         | 43.3                 | 5.2           | 48.5                   | 74.0           | -25.5         | Peak     | Horizontal   |
| *    | 14591.5         | 42.0                 | 8.1           | 50.1                   | 68.2           | -18.1         | Peak     | Horizontal   |
|      | 8140.0          | 45.0                 | 0.0           | 45.0                   | 74.0           | -29.0         | Peak     | Vertical     |
| *    | 10358.5         | 47.8                 | 3.4           | 51.2                   | 68.2           | -17.0         | Peak     | Vertical     |
|      | 11268.0         | 43.8                 | 4.9           | 48.7                   | 74.0           | -25.3         | Peak     | Vertical     |
| *    | 14549.0         | 41.9                 | 8.4           | 50.3                   | 68.2           | -17.9         | Peak     | Vertical     |

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

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

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

|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/20  | Test Mode     | 802.11a – Channel 116 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8199.5          | 44.6                 | -0.4          | 44.2                   | 74.0           | -29.8         | Peak     | Horizontal   |
| *    | 9712.5          | 45.3                 | 2.5           | 47.8                   | 68.2           | -20.4         | Peak     | Horizontal   |
|      | 11157.5         | 43.9                 | 5.0           | 48.9                   | 74.0           | -25.1         | Peak     | Horizontal   |
| *    | 14158.0         | 41.7                 | 8.2           | 49.9                   | 68.2           | -18.3         | Peak     | Horizontal   |
|      | 8369.5          | 45.5                 | -0.9          | 44.6                   | 74.0           | -29.4         | Peak     | Vertical     |
| *    | 10358.5         | 44.7                 | 3.4           | 48.1                   | 68.2           | -20.1         | Peak     | Vertical     |
|      | 11157.5         | 45.1                 | 5.0           | 50.1                   | 74.0           | -23.9         | Peak     | Vertical     |
| *    | 14132.5         | 42.3                 | 7.6           | 49.9                   | 68.2           | -18.3         | Peak     | Vertical     |

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

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

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

|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/20  | Test Mode     | 802.11a – Channel 140 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8191.0          | 45.0                 | -0.4          | 44.6                   | 74.0           | -29.4         | Peak     | Horizontal   |
| *    | 9806.0          | 45.0                 | 2.9           | 47.9                   | 68.2           | -20.3         | Peak     | Horizontal   |
|      | 11404.0         | 44.3                 | 5.1           | 49.4                   | 74.0           | -24.6         | Peak     | Horizontal   |
| *    | 14540.5         | 41.4                 | 8.5           | 49.9                   | 68.2           | -18.3         | Peak     | Horizontal   |
|      | 8140.0          | 45.7                 | 0.0           | 45.7                   | 74.0           | -28.3         | Peak     | Vertical     |
| *    | 9874.0          | 44.9                 | 2.8           | 47.7                   | 68.2           | -20.5         | Peak     | Vertical     |
|      | 11404.0         | 46.4                 | 5.1           | 51.5                   | 74.0           | -22.5         | Peak     | Vertical     |
| *    | 14209.0         | 41.5                 | 8.1           | 49.6                   | 68.2           | -18.6         | Peak     | Vertical     |

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

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

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

|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/20  | Test Mode     | 802.11a – Channel 144 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8310.0          | 45.4                       | -0.9          | 44.5                         | 74.0                 | -29.5         | Peak     | Horizontal   |
| *    | 9712.5          | 44.8                       | 2.5           | 47.3                         | 68.2                 | -20.9         | Peak     | Horizontal   |
|      | 10783.5         | 44.6                       | 4.4           | 49.0                         | 74.0                 | -25.0         | Peak     | Horizontal   |
| *    | 14158.0         | 41.2                       | 8.2           | 49.4                         | 68.2                 | -18.8         | Peak     | Horizontal   |
|      | 8293.0          | 44.1                       | -0.8          | 43.3                         | 74.0                 | -30.7         | Peak     | Vertical     |
| *    | 9814.5          | 44.0                       | 3.0           | 47.0                         | 68.2                 | -21.2         | Peak     | Vertical     |
|      | 11438.0         | 44.4                       | 5.5           | 49.9                         | 74.0                 | -24.1         | Peak     | Vertical     |
| *    | 14175.0         | 41.5                       | 8.3           | 49.8                         | 68.2                 | -18.4         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/20  | Test Mode     | 802.11a – Channel 149 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8242.0          | 45.5                 | -0.6          | 44.9                   | 74.0           | -29.1         | Peak     | Horizontal   |
| *    | 10180.0         | 43.6                 | 2.8           | 46.4                   | 68.2           | -21.8         | Peak     | Horizontal   |
|      | 11055.5         | 42.3                 | 5.6           | 47.9                   | 74.0           | -26.1         | Peak     | Horizontal   |
| *    | 14166.5         | 41.6                 | 8.3           | 49.9                   | 68.2           | -18.3         | Peak     | Horizontal   |
|      | 8242.0          | 43.0                 | -0.6          | 42.4                   | 74.0           | -31.6         | Peak     | Vertical     |
|      | 11531.5         | 42.6                 | 5.5           | 48.1                   | 74.0           | -25.9         | Peak     | Vertical     |
| *    | 13724.5         | 42.6                 | 5.1           | 47.7                   | 68.2           | -20.5         | Peak     | Vertical     |
| *    | 17235.0         | 48.5                 | 8.3           | 56.8                   | 68.2           | -11.4         | Peak     | Vertical     |

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

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

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

|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/20  | Test Mode     | 802.11a – Channel 157 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8276.0          | 43.3                       | -0.8          | 42.5                         | 74.0                 | -31.5         | Peak     | Horizontal   |
| *    | 9806.0          | 44.0                       | 2.9           | 46.9                         | 68.2                 | -21.3         | Peak     | Horizontal   |
|      | 11616.5         | 42.0                       | 5.1           | 47.1                         | 74.0                 | -26.9         | Peak     | Horizontal   |
| *    | 13809.5         | 42.3                       | 5.9           | 48.2                         | 68.2                 | -20.0         | Peak     | Horizontal   |
|      | 8429.0          | 45.0                       | -0.5          | 44.5                         | 74.0                 | -29.5         | Peak     | Vertical     |
| *    | 9721.0          | 44.9                       | 2.5           | 47.4                         | 68.2                 | -20.8         | Peak     | Vertical     |
|      | 11574.0         | 43.4                       | 5.0           | 48.4                         | 74.0                 | -25.6         | Peak     | Vertical     |
| *    | 14090.0         | 42.7                       | 7.0           | 49.7                         | 68.2                 | -18.5         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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



|           |   |               |                       |
|-----------|---|---------------|-----------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou            |
| Test Date | 2021/10/20  | Test Mode     | 802.11a – Channel 165 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                       |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8242.0          | 45.1                 | -0.6          | 44.5                   | 74.0           | -29.5         | Peak     | Horizontal   |
| *    | 9874.0          | 45.0                 | 2.8           | 47.8                   | 68.2           | -20.4         | Peak     | Horizontal   |
|      | 11565.5         | 44.1                 | 5.1           | 49.2                   | 74.0           | -24.8         | Peak     | Horizontal   |
| *    | 14149.5         | 41.7                 | 8.2           | 49.9                   | 68.2           | -18.3         | Peak     | Horizontal   |
|      | 8259.0          | 44.9                 | -0.6          | 44.3                   | 74.0           | -29.7         | Peak     | Vertical     |
| *    | 9840.0          | 43.4                 | 3.3           | 46.7                   | 68.2           | -21.5         | Peak     | Vertical     |
|      | 10987.5         | 43.4                 | 4.8           | 48.2                   | 74.0           | -25.8         | Peak     | Vertical     |
| *    | 14175.0         | 41.5                 | 8.3           | 49.8                   | 68.2           | -18.4         | Peak     | Vertical     |

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

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

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 36 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8403.5          | 44.9                 | -0.7          | 44.2                   | 74.0           | -29.8         | Peak     | Horizontal   |
| *    | 10358.5         | 45.7                 | 3.4           | 49.1                   | 68.2           | -19.1         | Peak     | Horizontal   |
|      | 11642.0         | 43.5                 | 4.9           | 48.4                   | 74.0           | -25.6         | Peak     | Horizontal   |
| *    | 14158.0         | 41.5                 | 8.2           | 49.7                   | 68.2           | -18.5         | Peak     | Horizontal   |
|      | 8131.5          | 44.8                 | 0.1           | 44.9                   | 74.0           | -29.1         | Peak     | Vertical     |
| *    | 10358.5         | 49.1                 | 3.4           | 52.5                   | 68.2           | -15.7         | Peak     | Vertical     |
|      | 11548.5         | 43.6                 | 5.3           | 48.9                   | 74.0           | -25.1         | Peak     | Vertical     |
| *    | 14260.0         | 42.0                 | 8.1           | 50.1                   | 68.2           | -18.1         | Peak     | Vertical     |

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

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

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 44 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8165.5          | 45.9                 | 0.0           | 45.9                   | 74.0           | -28.1         | Peak     | Horizontal   |
| *    | 9738.0          | 45.1                 | 2.8           | 47.9                   | 68.2           | -20.3         | Peak     | Horizontal   |
|      | 11548.5         | 43.8                 | 5.3           | 49.1                   | 74.0           | -24.9         | Peak     | Horizontal   |
| *    | 14260.0         | 42.6                 | 8.1           | 50.7                   | 68.2           | -17.5         | Peak     | Horizontal   |
|      | 8386.5          | 44.1                 | -0.7          | 43.4                   | 74.0           | -30.6         | Peak     | Vertical     |
| *    | 10443.5         | 48.2                 | 3.5           | 51.7                   | 68.2           | -16.5         | Peak     | Vertical     |
|      | 11633.5         | 43.2                 | 5.0           | 48.2                   | 74.0           | -25.8         | Peak     | Vertical     |
| *    | 14557.5         | 42.3                 | 8.4           | 50.7                   | 68.2           | -17.5         | Peak     | Vertical     |

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

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

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 48 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8386.5          | 44.6                       | -0.7          | 43.9                         | 74.0                 | -30.1         | Peak     | Horizontal   |
| *    | 10477.5         | 46.6                       | 3.8           | 50.4                         | 68.2                 | -17.8         | Peak     | Horizontal   |
|      | 11616.5         | 43.4                       | 5.1           | 48.5                         | 74.0                 | -25.5         | Peak     | Horizontal   |
| *    | 14166.5         | 41.4                       | 8.3           | 49.7                         | 68.2                 | -18.5         | Peak     | Horizontal   |
|      | 8131.5          | 45.1                       | 0.1           | 45.2                         | 74.0                 | -28.8         | Peak     | Vertical     |
| *    | 10477.5         | 48.6                       | 3.8           | 52.4                         | 68.2                 | -15.8         | Peak     | Vertical     |
|      | 11472.0         | 43.4                       | 5.2           | 48.6                         | 74.0                 | -25.4         | Peak     | Vertical     |
| *    | 14804.0         | 41.6                       | 8.3           | 49.9                         | 68.2                 | -18.3         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 52 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 9381.0          | 44.5                       | 2.3           | 46.8                         | 74.0                 | -27.2         | Peak     | Horizontal   |
| *    | 9831.5          | 45.2                       | 3.2           | 48.4                         | 68.2                 | -19.8         | Peak     | Horizontal   |
|      | 10826.0         | 44.1                       | 4.4           | 48.5                         | 74.0                 | -25.5         | Peak     | Horizontal   |
| *    | 14149.5         | 41.9                       | 8.2           | 50.1                         | 68.2                 | -18.1         | Peak     | Horizontal   |
|      | 8395.0          | 45.1                       | -0.7          | 44.4                         | 74.0                 | -29.6         | Peak     | Vertical     |
| *    | 10477.5         | 46.4                       | 3.8           | 50.2                         | 68.2                 | -18.0         | Peak     | Vertical     |
|      | 11361.5         | 43.7                       | 4.9           | 48.6                         | 74.0                 | -25.4         | Peak     | Vertical     |
| *    | 14149.5         | 41.1                       | 8.2           | 49.3                         | 68.2                 | -18.9         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 60 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 9874.0          | 44.5                       | 2.8           | 47.3                         | 68.2                 | -20.9         | Peak     | Horizontal   |
| *    | 11540.0         | 44.2                       | 5.4           | 49.6                         | 74.0                 | -24.4         | Peak     | Horizontal   |
|      | 14736.0         | 41.6                       | 7.9           | 49.5                         | 68.2                 | -18.7         | Peak     | Horizontal   |
| *    | 15892.0         | 45.6                       | 4.6           | 50.2                         | 74.0                 | -23.8         | Peak     | Horizontal   |
|      | 8327.0          | 43.4                       | -1.1          | 42.3                         | 74.0                 | -31.7         | Peak     | Vertical     |
| *    | 9755.0          | 44.4                       | 2.8           | 47.2                         | 68.2                 | -21.0         | Peak     | Vertical     |
|      | 11055.5         | 43.0                       | 5.6           | 48.6                         | 74.0                 | -25.4         | Peak     | Vertical     |
| *    | 14175.0         | 43.0                       | 8.3           | 51.3                         | 68.2                 | -16.9         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 64 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8131.5          | 46.1                 | 0.1           | 46.2                   | 74.0           | -27.8         | Peak     | Horizontal   |
| *    | 10350.0         | 44.8                 | 3.5           | 48.3                   | 68.2           | -19.9         | Peak     | Horizontal   |
|      | 11455.0         | 43.4                 | 5.2           | 48.6                   | 74.0           | -25.4         | Peak     | Horizontal   |
| *    | 14200.5         | 41.4                 | 8.1           | 49.5                   | 68.2           | -18.7         | Peak     | Horizontal   |
|      | 8310.0          | 43.8                 | -0.9          | 42.9                   | 74.0           | -31.1         | Peak     | Vertical     |
| *    | 10112.0         | 45.2                 | 2.7           | 47.9                   | 68.2           | -20.3         | Peak     | Vertical     |
|      | 11421.0         | 43.1                 | 5.6           | 48.7                   | 74.0           | -25.3         | Peak     | Vertical     |
| *    | 14200.5         | 41.4                 | 8.1           | 49.5                   | 68.2           | -18.7         | Peak     | Vertical     |

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

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

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 100 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8131.5          | 45.1                 | 0.1           | 45.2                   | 74.0           | -28.8         | Peak     | Horizontal   |
| *    | 9984.5          | 44.5                 | 2.9           | 47.4                   | 68.2           | -20.8         | Peak     | Horizontal   |
|      | 11081.0         | 44.5                 | 5.1           | 49.6                   | 74.0           | -24.4         | Peak     | Horizontal   |
| *    | 14268.5         | 41.8                 | 8.0           | 49.8                   | 68.2           | -18.4         | Peak     | Horizontal   |
|      | 8199.5          | 45.9                 | -0.4          | 45.5                   | 74.0           | -28.5         | Peak     | Vertical     |
| *    | 10358.5         | 47.2                 | 3.4           | 50.6                   | 68.2           | -17.6         | Peak     | Vertical     |
|      | 11616.5         | 43.6                 | 5.1           | 48.7                   | 74.0           | -25.3         | Peak     | Vertical     |
| *    | 14268.5         | 42.1                 | 8.0           | 50.1                   | 68.2           | -18.1         | Peak     | Vertical     |

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

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

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



|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 116 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8165.5          | 45.2                 | 0.0           | 45.2                   | 74.0           | -28.8         | Peak     | Horizontal   |
| *    | 10358.5         | 45.3                 | 3.4           | 48.7                   | 68.2           | -19.5         | Peak     | Horizontal   |
|      | 10945.0         | 44.2                 | 5.0           | 49.2                   | 74.0           | -24.8         | Peak     | Horizontal   |
| *    | 14158.0         | 41.6                 | 8.2           | 49.8                   | 68.2           | -18.4         | Peak     | Horizontal   |
|      | 8276.0          | 44.7                 | -0.8          | 43.9                   | 74.0           | -30.1         | Peak     | Vertical     |
| *    | 9882.5          | 44.2                 | 2.8           | 47.0                   | 68.2           | -21.2         | Peak     | Vertical     |
|      | 10792.0         | 44.3                 | 4.3           | 48.6                   | 74.0           | -25.4         | Peak     | Vertical     |
| *    | 14540.5         | 41.6                 | 8.5           | 50.1                   | 68.2           | -18.1         | Peak     | Vertical     |

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

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

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 140 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8208.0          | 45.0                       | -0.4          | 44.6                         | 74.0                 | -29.4         | Peak     | Horizontal   |
| *    | 10163.0         | 44.9                       | 2.8           | 47.7                         | 68.2                 | -20.5         | Peak     | Horizontal   |
|      | 11523.0         | 43.3                       | 5.6           | 48.9                         | 74.0                 | -25.1         | Peak     | Horizontal   |
| *    | 14192.0         | 42.4                       | 8.0           | 50.4                         | 68.2                 | -17.8         | Peak     | Horizontal   |
|      | 8386.5          | 45.8                       | -0.7          | 45.1                         | 74.0                 | -28.9         | Peak     | Vertical     |
| *    | 10001.5         | 43.8                       | 3.0           | 46.8                         | 68.2                 | -21.4         | Peak     | Vertical     |
|      | 11344.5         | 43.1                       | 5.0           | 48.1                         | 74.0                 | -25.9         | Peak     | Vertical     |
| *    | 14192.0         | 41.3                       | 8.0           | 49.3                         | 68.2                 | -18.9         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 144 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8208.0          | 46.9                 | -0.4          | 46.5                   | 74.0           | -27.5         | Peak     | Horizontal   |
| *    | 9857.0          | 46.3                 | 2.8           | 49.1                   | 68.2           | -19.1         | Peak     | Horizontal   |
|      | 11438.0         | 45.6                 | 5.5           | 51.1                   | 74.0           | -22.9         | Peak     | Horizontal   |
| *    | 14132.5         | 43.5                 | 7.6           | 51.1                   | 68.2           | -17.1         | Peak     | Horizontal   |
|      | 8386.5          | 47.6                 | -0.7          | 46.9                   | 74.0           | -27.1         | Peak     | Vertical     |
| *    | 9882.5          | 47.2                 | 2.8           | 50.0                   | 68.2           | -18.2         | Peak     | Vertical     |
|      | 11047.0         | 45.4                 | 5.7           | 51.1                   | 74.0           | -22.9         | Peak     | Vertical     |
| *    | 14149.5         | 43.6                 | 8.2           | 51.8                   | 68.2           | -16.4         | Peak     | Vertical     |

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

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

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 149 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8369.5          | 46.6                       | -0.9          | 45.7                         | 74.0                 | -28.3         | Peak     | Horizontal   |
| *    | 9984.5          | 45.9                       | 2.9           | 48.8                         | 68.2                 | -19.4         | Peak     | Horizontal   |
|      | 11072.5         | 45.1                       | 5.3           | 50.4                         | 74.0                 | -23.6         | Peak     | Horizontal   |
| *    | 14268.5         | 42.9                       | 8.0           | 50.9                         | 68.2                 | -17.3         | Peak     | Horizontal   |
|      | 8310.0          | 46.5                       | -0.9          | 45.6                         | 74.0                 | -28.4         | Peak     | Vertical     |
|      | 11404.0         | 45.6                       | 5.1           | 50.7                         | 74.0                 | -23.3         | Peak     | Vertical     |
| *    | 14183.5         | 43.3                       | 8.2           | 51.5                         | 68.2                 | -16.7         | Peak     | Vertical     |
| *    | 17226.5         | 49.0                       | 8.6           | 57.6                         | 68.2                 | -10.6         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 157 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8131.5          | 46.3                 | 0.1           | 46.4                   | 74.0           | -27.6         | Peak     | Horizontal   |
| *    | 9976.0          | 46.2                 | 2.8           | 49.0                   | 68.2           | -19.2         | Peak     | Horizontal   |
|      | 11574.0         | 49.2                 | 5.0           | 54.2                   | 74.0           | -19.8         | Peak     | Horizontal   |
|      | 11574.0         | 40.4                 | 5.0           | 45.4                   | 54.0           | -8.6          | Average  | Horizontal   |
| *    | 17354.0         | 46.7                 | 10.1          | 56.8                   | 68.2           | -11.4         | Peak     | Horizontal   |
|      | 8148.5          | 45.9                 | 0.1           | 46.0                   | 74.0           | -28.0         | Peak     | Vertical     |
| *    | 9848.5          | 45.9                 | 3.1           | 49.0                   | 68.2           | -19.2         | Peak     | Vertical     |
|      | 10945.0         | 44.5                 | 5.0           | 49.5                   | 74.0           | -24.5         | Peak     | Vertical     |
| *    | 14574.5         | 43.0                 | 8.1           | 51.1                   | 68.2           | -17.1         | Peak     | Vertical     |

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

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

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT20 – Channel 165 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 8157.0          | 44.5                 | 0.1           | 44.6                   | 74.0           | -29.4         | Peak     | Horizontal   |
|      | 11650.5         | 44.1                 | 4.7           | 48.8                   | 74.0           | -25.2         | Peak     | Horizontal   |
| *    | 14744.5         | 41.6                 | 7.8           | 49.4                   | 68.2           | -18.8         | Peak     | Horizontal   |
| *    | 17473.0         | 43.4                 | 10.6          | 54.0                   | 68.2           | -14.2         | Peak     | Horizontal   |
|      | 8089.0          | 45.1                 | 0.2           | 45.3                   | 74.0           | -28.7         | Peak     | Vertical     |
|      | 11140.5         | 44.5                 | 4.9           | 49.4                   | 74.0           | -24.6         | Peak     | Vertical     |
| *    | 14047.5         | 41.8                 | 7.1           | 48.9                   | 68.2           | -19.3         | Peak     | Vertical     |
| *    | 17481.5         | 44.9                 | 10.7          | 55.6                   | 68.2           | -12.6         | Peak     | Vertical     |

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

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

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT40 – Channel 38 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
| *    | 10358.5         | 49.8                 | -3.4          | 46.4                   | 68.2           | -21.8         | Peak     | Horizontal   |
|      | 11931.0         | 47.2                 | -2.6          | 44.6                   | 74.0           | -29.4         | Peak     | Horizontal   |
| *    | 13767.0         | 45.3                 | 0.8           | 46.1                   | 68.2           | -22.1         | Peak     | Horizontal   |
|      | 15586.0         | 43.6                 | 4.5           | 48.1                   | 74.0           | -25.9         | Peak     | Horizontal   |
| *    | 10358.5         | 52.0                 | -3.4          | 48.6                   | 68.2           | -19.6         | Peak     | Vertical     |
|      | 11472.0         | 47.2                 | -2.8          | 44.4                   | 74.0           | -29.6         | Peak     | Vertical     |
| *    | 13971.0         | 46.0                 | 0.5           | 46.5                   | 68.2           | -21.7         | Peak     | Vertical     |
|      | 14472.5         | 47.1                 | 2.2           | 49.3                   | 74.0           | -24.7         | Peak     | Vertical     |

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

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

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT40 – Channel 46 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
|      | 9092.0          | 45.7                 | 1.3           | 47.0                   | 74.0           | -27.0         | Peak     | Horizontal   |
| *    | 9984.5          | 44.5                 | 2.9           | 47.4                   | 68.2           | -20.8         | Peak     | Horizontal   |
|      | 11608.0         | 43.3                 | 5.1           | 48.4                   | 74.0           | -25.6         | Peak     | Horizontal   |
| *    | 14141.0         | 41.4                 | 8.1           | 49.5                   | 68.2           | -18.7         | Peak     | Horizontal   |
| *    | 10460.5         | 46.6                 | 3.7           | 50.3                   | 68.2           | -17.9         | Peak     | Vertical     |
|      | 11038.5         | 42.9                 | 5.5           | 48.4                   | 74.0           | -25.6         | Peak     | Vertical     |
| *    | 14141.0         | 41.4                 | 8.1           | 49.5                   | 68.2           | -18.7         | Peak     | Vertical     |
|      | 15671.0         | 47.4                 | 5.4           | 52.8                   | 74.0           | -21.2         | Peak     | Vertical     |
|      | 15671.0         | 35.2                 | 5.4           | 40.6                   | 54.0           | -13.4         | Average  | Vertical     |

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

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

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



|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT40 – Channel 54 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8242.0          | 45.4                       | -0.6          | 44.8                         | 74.0                 | -29.2         | Peak     | Horizontal   |
| *    | 9959.0          | 44.5                       | 2.8           | 47.3                         | 68.2                 | -20.9         | Peak     | Horizontal   |
|      | 11174.5         | 43.7                       | 5.0           | 48.7                         | 74.0                 | -25.3         | Peak     | Horizontal   |
| *    | 14166.5         | 41.7                       | 8.3           | 50.0                         | 68.2                 | -18.2         | Peak     | Horizontal   |
|      | 8267.5          | 45.4                       | -0.7          | 44.7                         | 74.0                 | -29.3         | Peak     | Vertical     |
| *    | 10537.0         | 46.0                       | 3.5           | 49.5                         | 68.2                 | -18.7         | Peak     | Vertical     |
|      | 11625.0         | 43.7                       | 5.2           | 48.9                         | 74.0                 | -25.1         | Peak     | Vertical     |
| *    | 14141.0         | 41.5                       | 8.1           | 49.6                         | 68.2                 | -18.6         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                             |
|-----------|---|---------------|-----------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                  |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT40 – Channel 62 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                             |

| Mark | Frequency (MHz) | Reading Level (dBμV) | Factor (dB/m) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------|---------------|------------------------|----------------|---------------|----------|--------------|
| *    | 10358.5         | 49.7                 | -3.4          | 46.3                   | 68.2           | -21.9         | Peak     | Horizontal   |
|      | 11370.0         | 46.5                 | -2.6          | 43.9                   | 74.0           | -30.1         | Peak     | Horizontal   |
| *    | 13733.0         | 46.3                 | 0.6           | 46.9                   | 68.2           | -21.3         | Peak     | Horizontal   |
|      | 15722.0         | 43.3                 | 3.7           | 47.0                   | 74.0           | -27.0         | Peak     | Horizontal   |
| *    | 10358.5         | 52.1                 | -3.4          | 48.7                   | 68.2           | -19.5         | Peak     | Vertical     |
|      | 12016.0         | 46.7                 | -3.1          | 43.6                   | 74.0           | -30.4         | Peak     | Vertical     |
| *    | 13877.5         | 44.3                 | 0.7           | 45.0                   | 68.2           | -23.2         | Peak     | Vertical     |
|      | 14472.5         | 47.3                 | 2.2           | 49.5                   | 74.0           | -24.5         | Peak     | Vertical     |

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

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

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT40 – Channel 102 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
| *    | 10358.5         | 50.4                       | -3.4          | 47.0                         | 68.2                 | -21.2         | Peak     | Horizontal   |
|      | 11752.5         | 46.4                       | -2.8          | 43.6                         | 74.0                 | -30.4         | Peak     | Horizontal   |
| *    | 12798.0         | 46.7                       | -1.4          | 45.3                         | 68.2                 | -22.9         | Peak     | Horizontal   |
|      | 14472.5         | 45.2                       | 2.2           | 47.4                         | 74.0                 | -26.6         | Peak     | Horizontal   |
| *    | 10358.5         | 52.8                       | -3.4          | 49.4                         | 68.2                 | -18.8         | Peak     | Vertical     |
|      | 11948.0         | 45.9                       | -2.2          | 43.7                         | 74.0                 | -30.3         | Peak     | Vertical     |
| *    | 14132.5         | 44.3                       | 1.4           | 45.7                         | 68.2                 | -22.5         | Peak     | Vertical     |
|      | 15603.0         | 43.8                       | 3.0           | 46.8                         | 74.0                 | -27.2         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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

|           |   |               |                              |
|-----------|---|---------------|------------------------------|
| Test Site | SIP-AC2   | Test Engineer | Allen Zhou                   |
| Test Date | 2021/10/20  | Test Mode     | 802.11ac-VHT40 – Channel 110 |
| Remark    | 1. Average measurement was not performed if peak level lower than average limit.<br>2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. |               |                              |

| Mark | Frequency (MHz) | Reading Level (dB $\mu$ V) | Factor (dB/m) | Measure Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB/m) | Detector | Polarization |
|------|-----------------|----------------------------|---------------|------------------------------|----------------------|---------------|----------|--------------|
|      | 8191.0          | 45.2                       | -0.4          | 44.8                         | 74.0                 | -29.2         | Peak     | Horizontal   |
| *    | 10435.0         | 44.8                       | 3.4           | 48.2                         | 68.2                 | -20.0         | Peak     | Horizontal   |
|      | 11591.0         | 44.7                       | 4.7           | 49.4                         | 74.0                 | -24.6         | Peak     | Horizontal   |
| *    | 14149.5         | 41.9                       | 8.2           | 50.1                         | 68.2                 | -18.1         | Peak     | Horizontal   |
|      | 8378.0          | 45.6                       | -0.8          | 44.8                         | 74.0                 | -29.2         | Peak     | Vertical     |
| *    | 9950.5          | 44.6                       | 2.8           | 47.4                         | 68.2                 | -20.8         | Peak     | Vertical     |
|      | 11633.5         | 43.3                       | 5.0           | 48.3                         | 74.0                 | -25.7         | Peak     | Vertical     |
| *    | 14149.5         | 40.7                       | 8.2           | 48.9                         | 68.2                 | -19.3         | Peak     | Vertical     |

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

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

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