

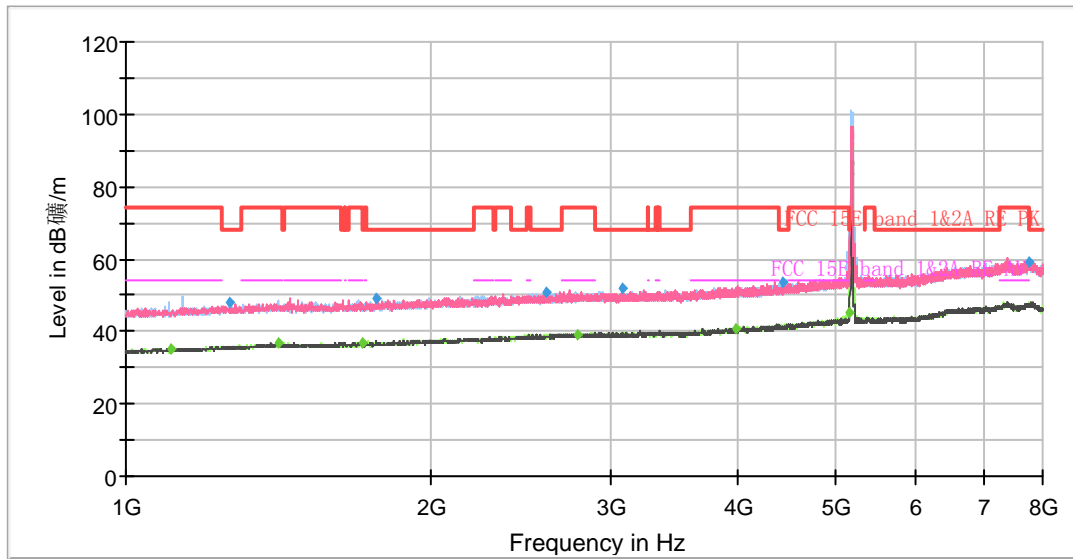


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1147.00         | ---                    | 35.19                  | 54.00                | 18.81       | 500.00          | 200.0       | V   | 133.00        | -9           |
| 1285.25         | 47.67                  | ---                    | 68.20                | 20.53       | 500.00          | 100.0       | H   | 330.00        | -8           |
| 1360.50         | ---                    | 36.68                  | 54.00                | 17.32       | 500.00          | 100.0       | H   | 195.00        | -7           |
| 1721.88         | ---                    | 36.82                  | 54.00                | 17.18       | 500.00          | 100.0       | H   | 359.00        | -6           |
| 1874.13         | 49.30                  | ---                    | 68.20                | 18.90       | 500.00          | 100.0       | V   | 171.00        | -6           |
| 2665.13         | 50.71                  | ---                    | 68.20                | 17.49       | 500.00          | 100.0       | V   | 279.00        | -4           |
| 2820.88         | ---                    | 39.61                  | 54.00                | 14.39       | 500.00          | 200.0       | V   | 314.00        | -3           |
| 3140.25         | 51.32                  | ---                    | 68.20                | 16.88       | 500.00          | 200.0       | V   | 160.00        | -3           |
| 3999.50         | ---                    | 40.96                  | 54.00                | 13.04       | 500.00          | 100.0       | V   | 151.00        | -1           |
| 4414.25         | 52.18                  | ---                    | 68.20                | 16.02       | 500.00          | 200.0       | V   | 358.00        | 1            |
| 5393.38         | ---                    | 44.11                  | 54.00                | 9.89        | 500.00          | 100.0       | H   | 358.00        | 4            |
| 5574.50         | 56.78                  | ---                    | 68.20                | 11.42       | 500.00          | 100.0       | H   | 356.00        | 4            |

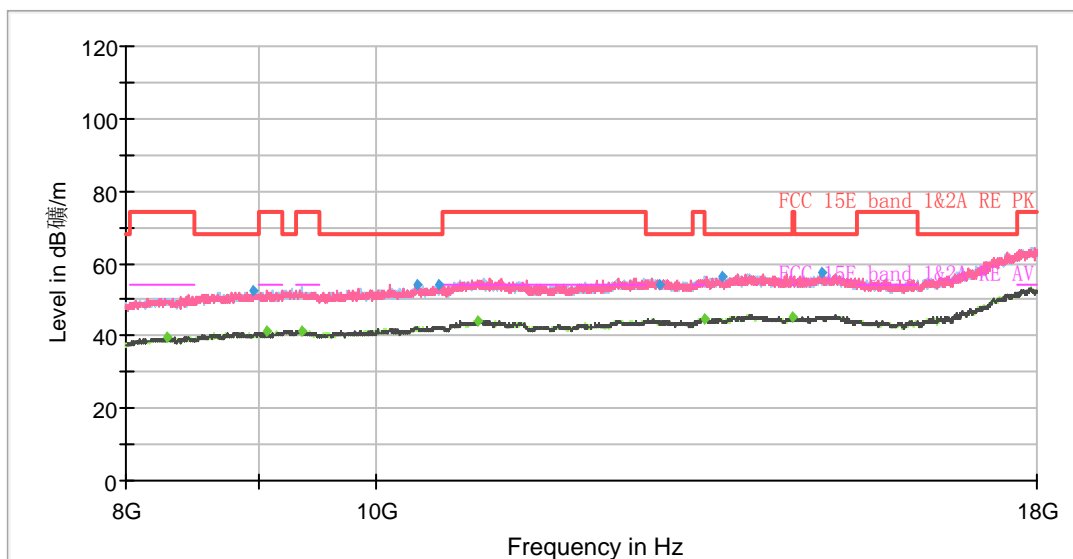
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

**2. Margin = Limit –MAX Peak/ Average**

## 802.11n (HT40) CH38



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



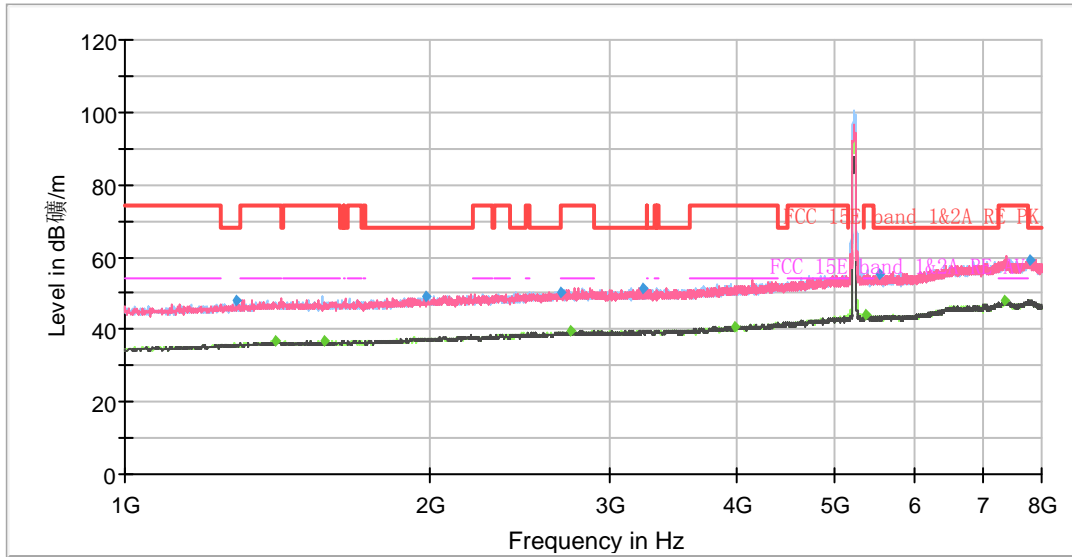
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1109.38         | ---                    | 35.31                  | 54.00                | 18.69       | 500.00          | 100.0       | V   | 358.00        | -9           |
| 1266.88         | 48.16                  | ---                    | 68.20                | 20.04       | 500.00          | 100.0       | H   | 6.00          | -8           |
| 1413.00         | ---                    | 36.67                  | 54.00                | 17.33       | 500.00          | 100.0       | V   | 278.00        | -7           |
| 1709.63         | ---                    | 36.84                  | 54.00                | 17.16       | 500.00          | 200.0       | V   | 7.00          | -6           |
| 1767.38         | 49.27                  | ---                    | 68.20                | 18.93       | 500.00          | 200.0       | V   | 1.00          | -6           |
| 2599.50         | 50.91                  | ---                    | 68.20                | 17.29       | 500.00          | 100.0       | V   | 291.00        | -4           |
| 2783.25         | ---                    | 39.35                  | 54.00                | 14.65       | 500.00          | 100.0       | V   | 198.00        | -3           |
| 3080.75         | 51.72                  | ---                    | 68.20                | 16.48       | 500.00          | 100.0       | V   | 356.00        | -3           |
| 3982.88         | ---                    | 40.93                  | 54.00                | 13.07       | 500.00          | 200.0       | V   | 0.00          | -1           |
| 4431.75         | 53.34                  | ---                    | 68.20                | 14.86       | 500.00          | 100.0       | V   | 0.00          | 1            |
| 5148.38         | ---                    | 45.09                  | 54.00                | 8.91        | 500.00          | 100.0       | H   | 299.00        | 3            |
| 7762.00         | 59.23                  | ---                    | 68.20                | 8.97        | 500.00          | 200.0       | V   | 126.00        | 9            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

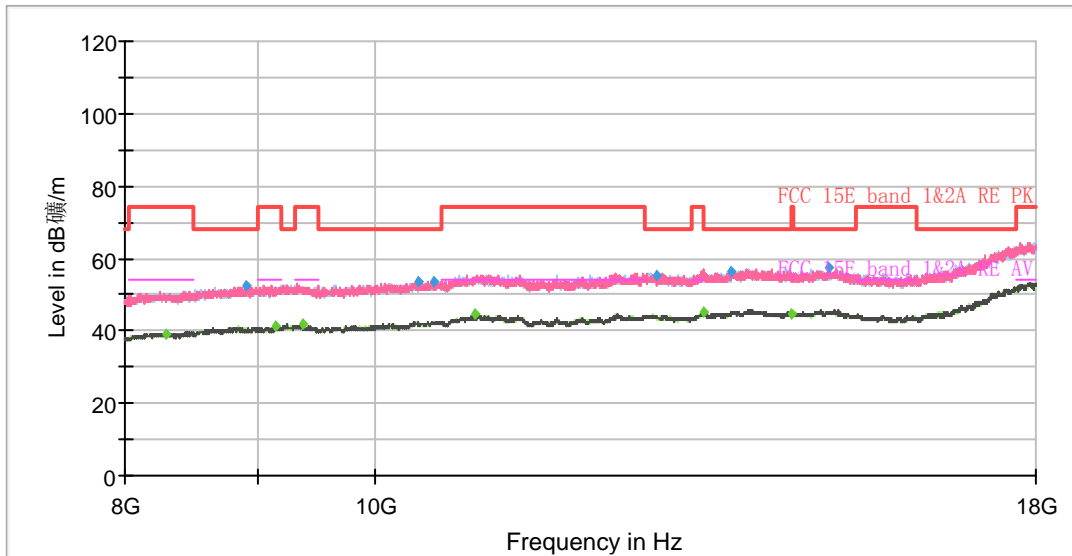
2. Margin = Limit - MAX Peak/ Average



802.11n (HT40) CH46



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz

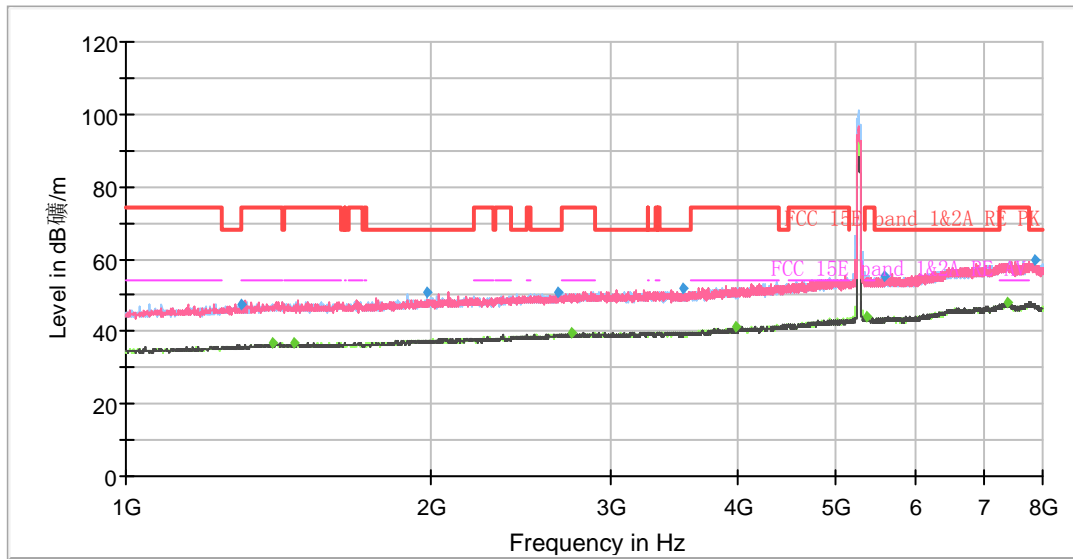


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1289.63         | 47.84                  | ---                    | 68.20                | 20.36       | 500.00          | 100.0       | V   | 108.00        | -8           |
| 1406.00         | ---                    | 36.87                  | 54.00                | 17.13       | 500.00          | 200.0       | V   | 108.00        | -7           |
| 1573.13         | ---                    | 36.97                  | 54.00                | 17.03       | 500.00          | 100.0       | H   | 18.00         | -6           |
| 1975.63         | 49.34                  | ---                    | 68.20                | 18.86       | 500.00          | 100.0       | H   | 233.00        | -5           |
| 2683.50         | 50.37                  | ---                    | 68.20                | 17.83       | 500.00          | 200.0       | H   | 309.00        | -4           |
| 2749.13         | ---                    | 39.51                  | 54.00                | 14.49       | 500.00          | 200.0       | V   | 265.00        | -4           |
| 3238.25         | 51.60                  | ---                    | 68.20                | 16.60       | 500.00          | 200.0       | V   | 143.00        | -3           |
| 3986.38         | ---                    | 40.78                  | 54.00                | 13.22       | 500.00          | 100.0       | V   | 340.00        | -1           |
| 5368.88         | ---                    | 43.92                  | 54.00                | 10.08       | 500.00          | 200.0       | H   | 282.00        | 4            |
| 5537.75         | 55.11                  | ---                    | 68.20                | 13.09       | 500.00          | 100.0       | V   | 261.00        | 4            |
| 7364.75         | ---                    | 48.00                  | 54.00                | 6.00        | 500.00          | 100.0       | V   | 320.00        | 9            |
| 7798.75         | 59.36                  | ---                    | 68.20                | 8.84        | 500.00          | 200.0       | V   | 12.00         | 9            |

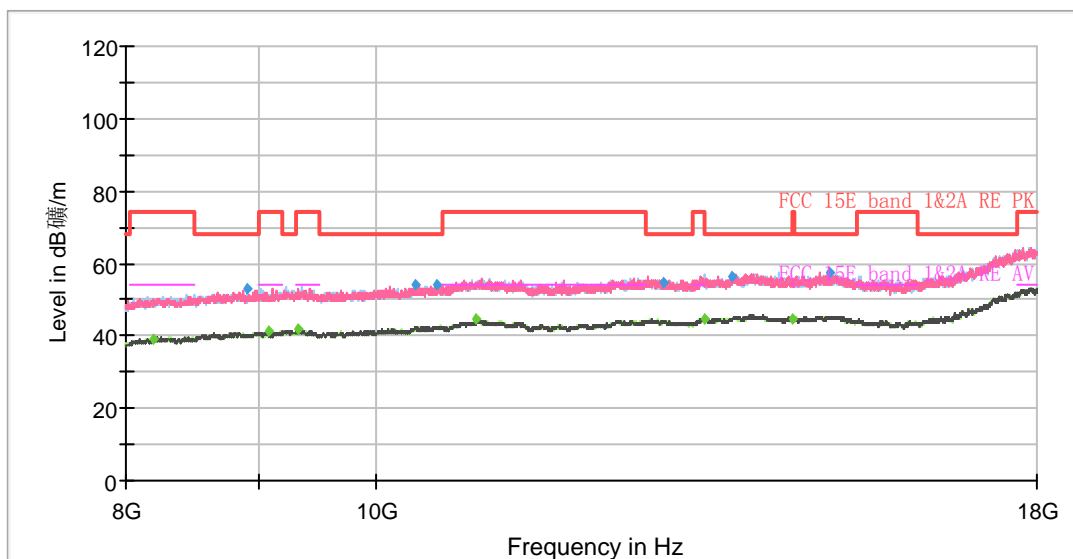
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

## 802.11n (HT40) CH54



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz

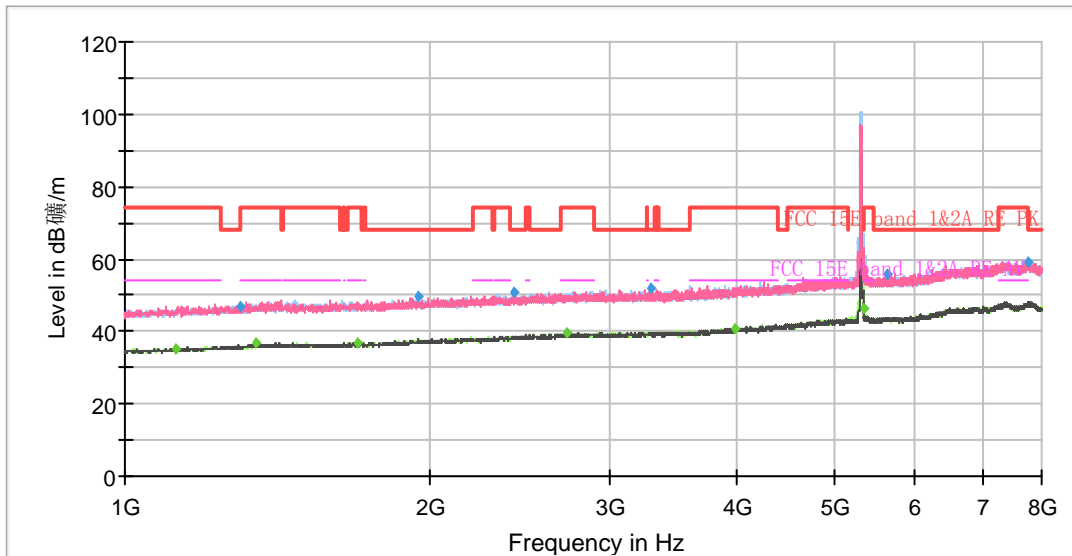


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1299.25         | 47.35                  | ---                    | 68.20                | 20.85       | 500.00          | 200.0       | V   | 57.00         | -7           |
| 1394.63         | ---                    | 36.62                  | 54.00                | 17.38       | 500.00          | 100.0       | V   | 336.00        | -7           |
| 1463.75         | ---                    | 36.82                  | 54.00                | 17.18       | 500.00          | 200.0       | V   | 37.00         | -7           |
| 1980.88         | 51.04                  | ---                    | 68.20                | 17.16       | 500.00          | 200.0       | H   | 0.00          | -5           |
| 2667.75         | 50.73                  | ---                    | 68.20                | 17.47       | 500.00          | 100.0       | V   | 336.00        | -4           |
| 2753.50         | ---                    | 39.50                  | 54.00                | 14.50       | 500.00          | 100.0       | V   | 0.00          | -4           |
| 3532.25         | 51.89                  | ---                    | 68.20                | 16.31       | 500.00          | 200.0       | H   | 0.00          | -3           |
| 3982.88         | ---                    | 41.16                  | 54.00                | 12.84       | 500.00          | 200.0       | H   | 194.00        | -1           |
| 5375.88         | ---                    | 43.83                  | 54.00                | 10.17       | 500.00          | 200.0       | H   | 0.00          | 4            |
| 5576.25         | 55.29                  | ---                    | 68.20                | 12.91       | 500.00          | 100.0       | V   | 322.00        | 4            |
| 7371.75         | ---                    | 47.80                  | 54.00                | 6.20        | 500.00          | 100.0       | V   | 254.00        | 9            |
| 7853.88         | 59.68                  | ---                    | 68.20                | 8.52        | 500.00          | 100.0       | V   | 315.00        | 9            |

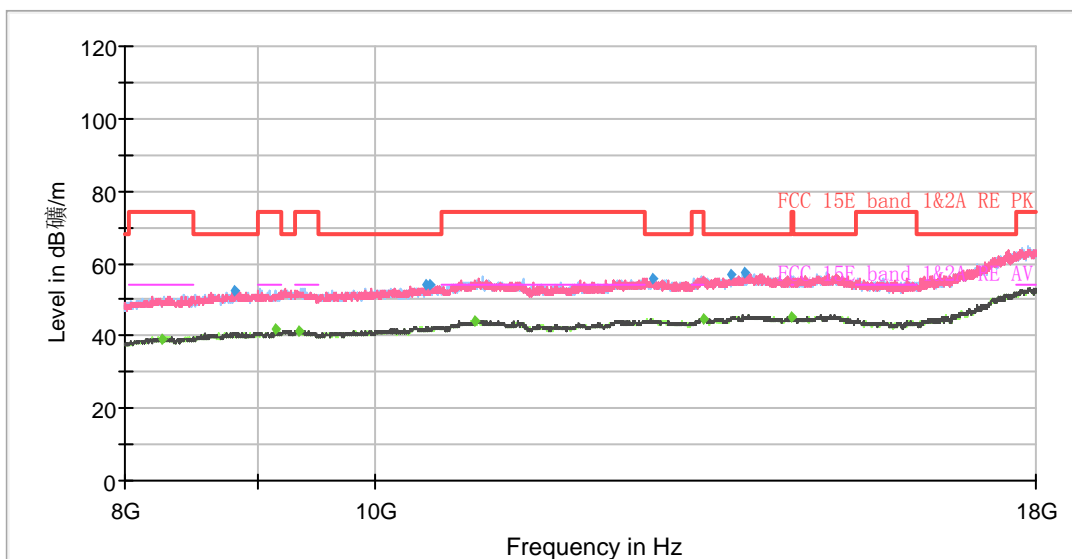
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

## 802.11n (HT40) CH62



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



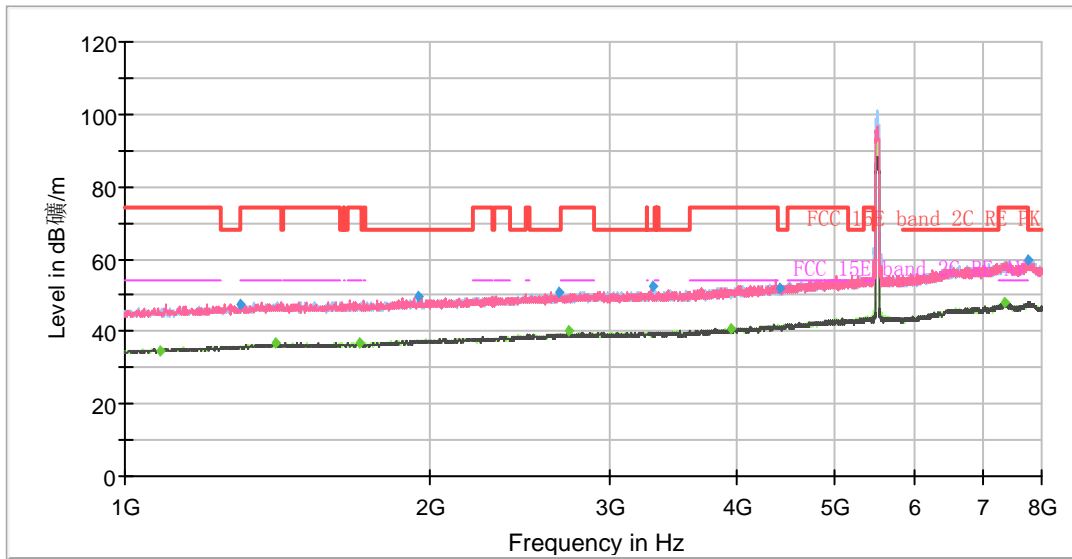


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1124.25         | ---                    | 35.43                  | 54.00                | 18.57       | 500.00          | 200.0       | H   | 188.00        | -9           |
| 1297.50         | 47.01                  | ---                    | 68.20                | 21.19       | 500.00          | 100.0       | H   | 2.00          | -7           |
| 1345.63         | ---                    | 36.65                  | 54.00                | 17.35       | 500.00          | 100.0       | H   | 61.00         | -7           |
| 1696.50         | ---                    | 37.00                  | 54.00                | 17.00       | 500.00          | 100.0       | V   | 342.00        | -6           |
| 1945.00         | 49.45                  | ---                    | 68.20                | 18.75       | 500.00          | 200.0       | H   | 222.00        | -5           |
| 2418.38         | 50.73                  | ---                    | 68.20                | 17.47       | 500.00          | 200.0       | V   | 6.00          | -4           |
| 2719.38         | ---                    | 39.52                  | 54.00                | 14.48       | 500.00          | 100.0       | H   | 185.00        | -4           |
| 3301.25         | 51.64                  | ---                    | 68.20                | 16.56       | 500.00          | 200.0       | H   | 235.00        | -3           |
| 3987.25         | ---                    | 40.82                  | 54.00                | 13.18       | 500.00          | 100.0       | H   | 8.00          | -1           |
| 5350.50         | ---                    | 46.20                  | 54.00                | 7.80        | 500.00          | 100.0       | H   | 300.00        | 4            |
| 5640.13         | 55.77                  | ---                    | 68.20                | 12.43       | 500.00          | 100.0       | V   | 350.00        | 4            |
| 7759.38         | 59.02                  | ---                    | 68.20                | 9.18        | 500.00          | 200.0       | H   | 263.00        | 9            |

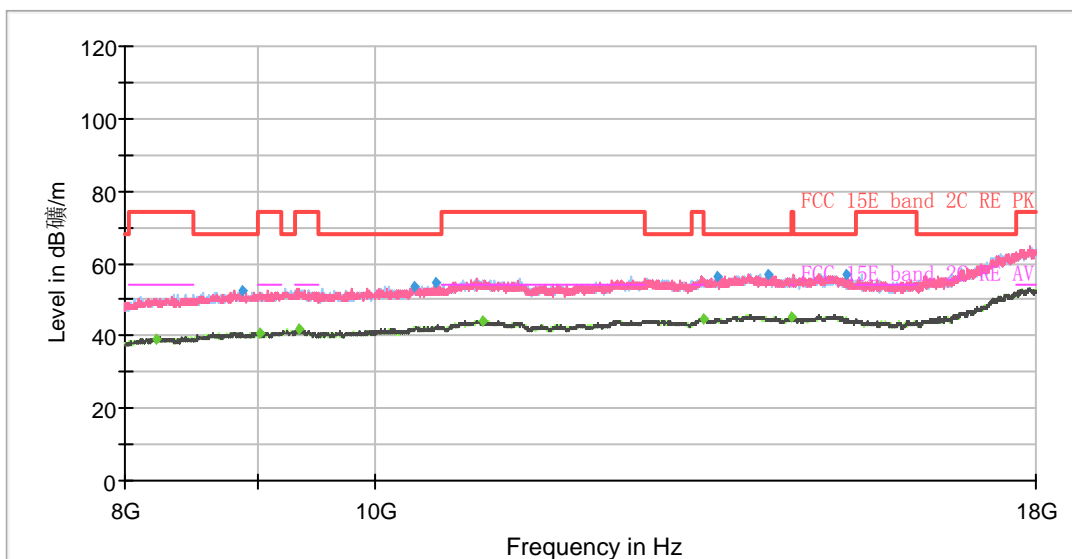
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11n (HT40) CH102



Radiates Emission from 1GHz to 8GHz  
 Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz

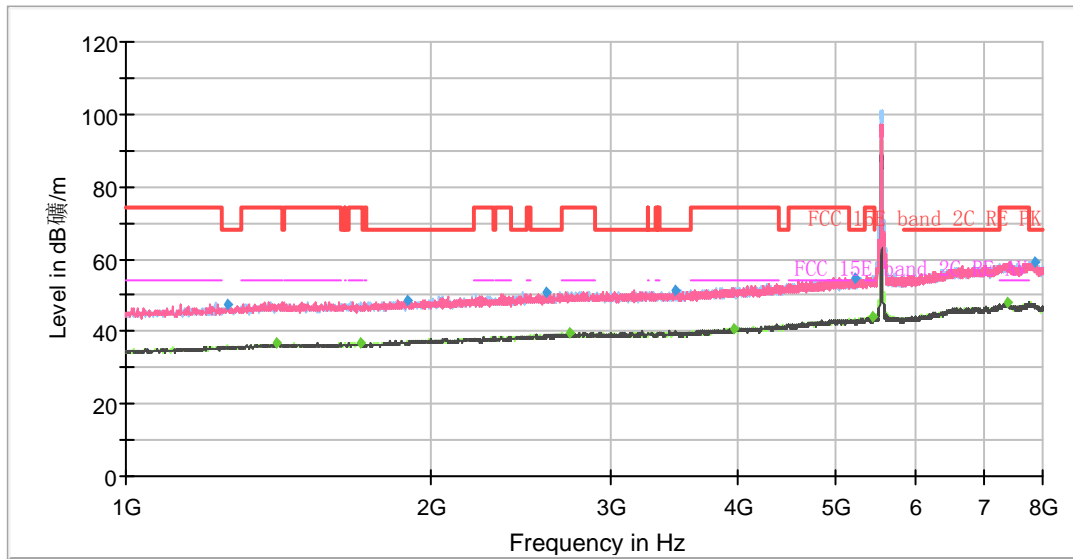


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1082.25         | ---                    | 34.78                  | 54.00                | 19.22       | 500.00          | 100.0       | H   | 229.00        | -9           |
| 1297.50         | 47.41                  | ---                    | 68.20                | 20.79       | 500.00          | 100.0       | H   | 331.00        | -7           |
| 1408.63         | ---                    | 36.68                  | 54.00                | 17.32       | 500.00          | 100.0       | H   | 190.00        | -7           |
| 1701.75         | ---                    | 36.99                  | 54.00                | 17.01       | 500.00          | 200.0       | H   | 36.00         | -6           |
| 1941.50         | 49.51                  | ---                    | 68.20                | 18.69       | 500.00          | 200.0       | V   | 116.00        | -5           |
| 2674.75         | 51.01                  | ---                    | 68.20                | 17.19       | 500.00          | 100.0       | V   | 106.00        | -4           |
| 2738.63         | ---                    | 40.02                  | 54.00                | 13.98       | 500.00          | 100.0       | H   | 209.00        | -4           |
| 3311.75         | 52.26                  | ---                    | 68.20                | 15.94       | 500.00          | 200.0       | H   | 43.00         | -3           |
| 3953.13         | ---                    | 40.78                  | 54.00                | 13.22       | 500.00          | 200.0       | V   | 189.00        | -1           |
| 4423.00         | 52.02                  | ---                    | 68.20                | 16.18       | 500.00          | 200.0       | H   | 13.00         | 1            |
| 7348.13         | ---                    | 47.89                  | 54.00                | 6.11        | 500.00          | 200.0       | H   | 271.00        | 9            |
| 7758.50         | 59.67                  | ---                    | 68.20                | 8.53        | 500.00          | 100.0       | H   | 0.00          | 9            |

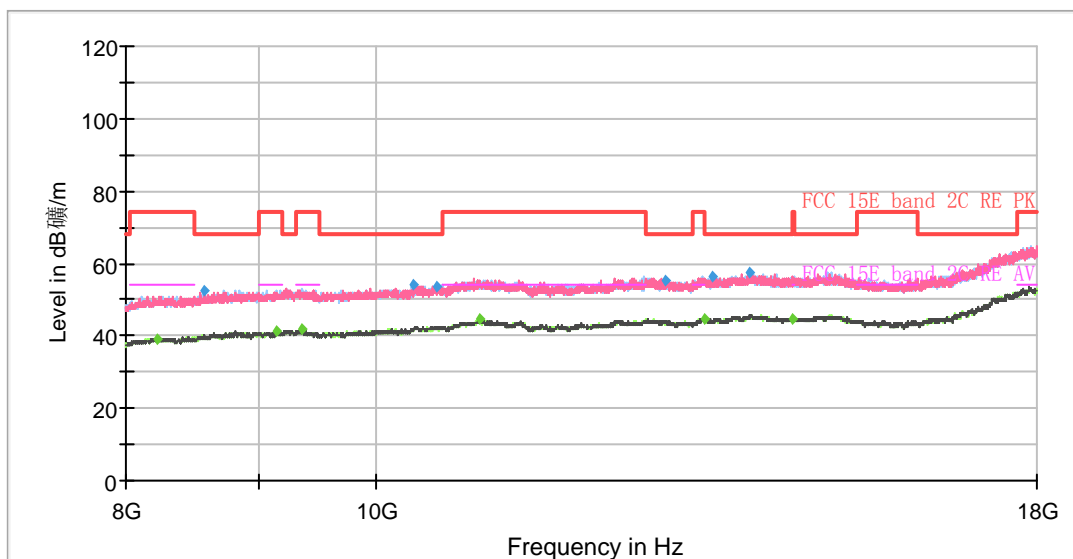
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

## 802.11n (HT40) CH118



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



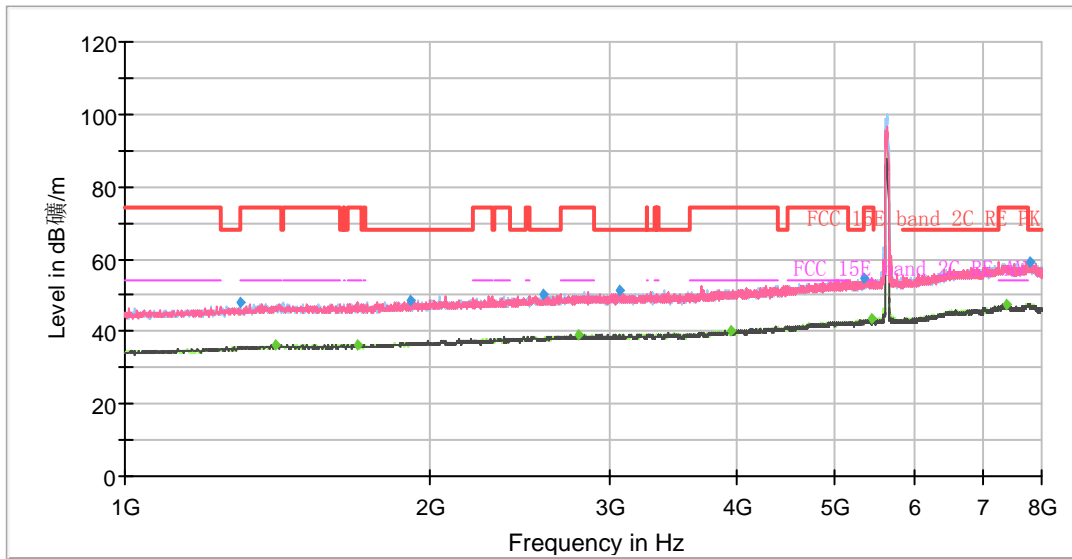
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1259.88         | 47.37                  | ---                    | 68.20                | 20.83       | 500.00          | 200.0       | H   | 179.00        | -8           |
| 1408.63         | ---                    | 36.67                  | 54.00                | 17.33       | 500.00          | 100.0       | H   | 358.00        | -7           |
| 1705.25         | ---                    | 36.89                  | 54.00                | 17.11       | 500.00          | 200.0       | H   | 179.00        | -6           |
| 1891.63         | 48.82                  | ---                    | 68.20                | 19.38       | 500.00          | 100.0       | H   | 257.00        | -6           |
| 2589.88         | 50.82                  | ---                    | 68.20                | 17.38       | 500.00          | 100.0       | V   | 3.00          | -4           |
| 2735.13         | ---                    | 39.46                  | 54.00                | 14.54       | 500.00          | 100.0       | V   | 3.00          | -4           |
| 3479.75         | 51.19                  | ---                    | 68.20                | 17.01       | 500.00          | 200.0       | V   | 97.00         | -3           |
| 3973.25         | ---                    | 40.82                  | 54.00                | 13.18       | 500.00          | 200.0       | V   | 19.00         | -1           |
| 5216.63         | 54.94                  | ---                    | 68.20                | 13.26       | 500.00          | 200.0       | V   | 178.00        | 3            |
| 5436.25         | ---                    | 44.07                  | 54.00                | 9.93        | 500.00          | 200.0       | H   | 4.00          | 4            |
| 7370.00         | ---                    | 47.98                  | 54.00                | 6.02        | 500.00          | 200.0       | V   | 104.00        | 9            |
| 7867.88         | 59.11                  | ---                    | 68.20                | 9.09        | 500.00          | 100.0       | H   | 359.00        | 9            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

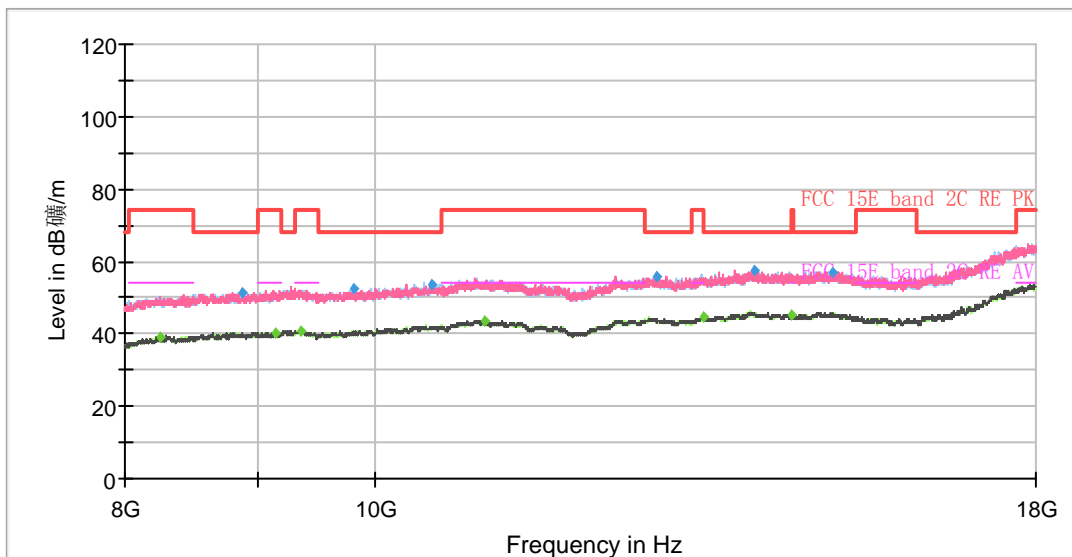
2. Margin = Limit - MAX Peak/ Average



### 802.11n (HT40) CH126



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



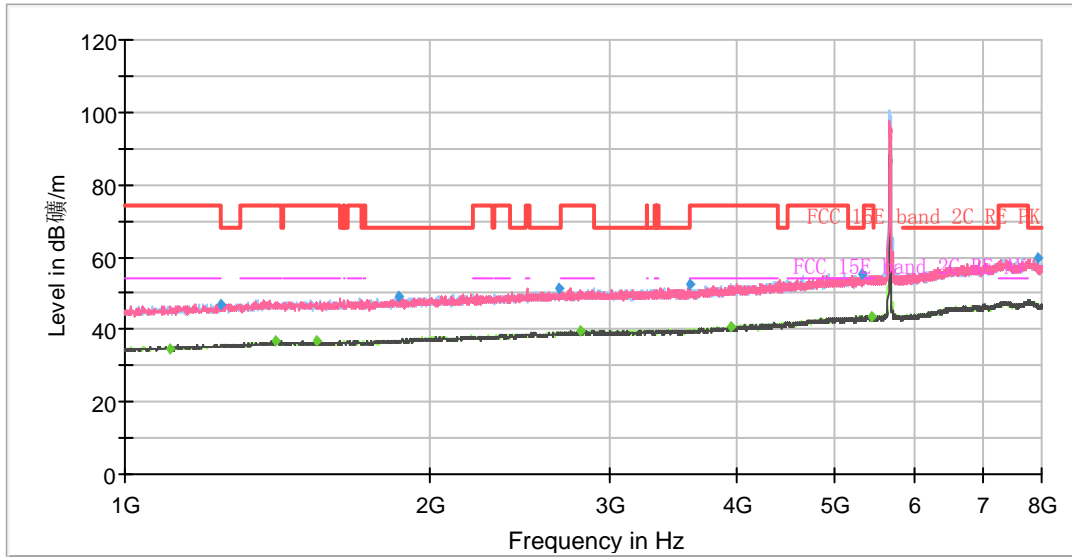
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1299.25         | 47.83                  | ---                    | 68.20                | 20.37       | 500.00          | 100.0       | H   | 134.00        | -7           |
| 1408.63         | ---                    | 36.48                  | 54.00                | 17.52       | 500.00          | 200.0       | H   | 3.00          | -7           |
| 1691.25         | ---                    | 36.53                  | 54.00                | 17.47       | 500.00          | 200.0       | H   | 135.00        | -6           |
| 1912.63         | 48.53                  | ---                    | 68.20                | 19.67       | 500.00          | 200.0       | V   | 322.00        | -5           |
| 2583.75         | 50.33                  | ---                    | 68.20                | 17.87       | 500.00          | 200.0       | H   | 129.00        | -4           |
| 2796.38         | ---                    | 39.06                  | 54.00                | 14.94       | 500.00          | 200.0       | H   | 9.00          | -3           |
| 3075.50         | 51.34                  | ---                    | 68.20                | 16.86       | 500.00          | 100.0       | V   | 0.00          | -3           |
| 3955.75         | ---                    | 40.36                  | 54.00                | 13.64       | 500.00          | 100.0       | V   | 48.00         | -1           |
| 5345.25         | 54.73                  | ---                    | 68.20                | 13.47       | 500.00          | 200.0       | H   | 43.00         | 4            |
| 5450.25         | ---                    | 43.54                  | 54.00                | 10.46       | 500.00          | 100.0       | H   | 330.00        | 4            |
| 7371.75         | ---                    | 47.52                  | 54.00                | 6.48        | 500.00          | 200.0       | H   | 129.00        | 9            |
| 7780.38         | 59.12                  | ---                    | 68.20                | 9.08        | 500.00          | 100.0       | V   | 196.00        | 9            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

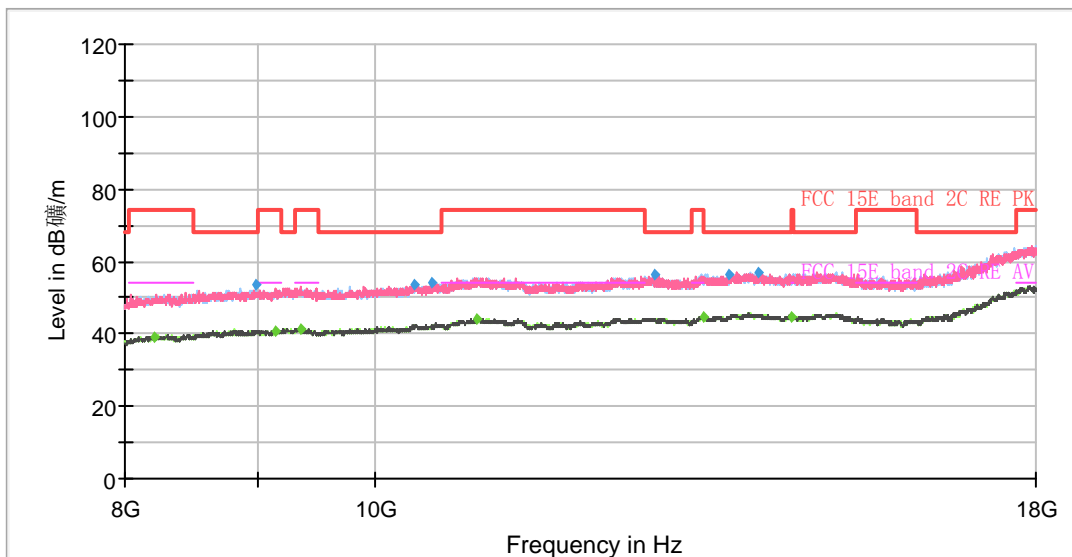
2. Margin = Limit - MAX Peak/ Average



802.11n (HT40) CH134



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



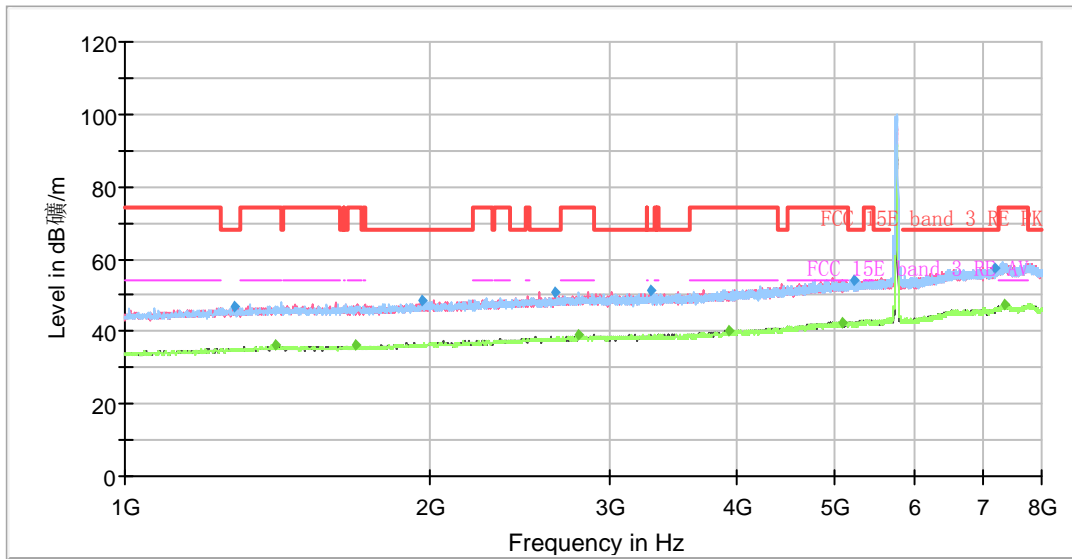


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1105.00         | ---                    | 34.51                  | 54.00                | 19.49       | 500.00          | 200.0       | V   | 152.00        | -9           |
| 1245.00         | 46.98                  | ---                    | 68.20                | 21.22       | 500.00          | 200.0       | V   | 0.00          | -8           |
| 1404.25         | ---                    | 36.83                  | 54.00                | 17.17       | 500.00          | 100.0       | H   | 136.00        | -7           |
| 1543.38         | ---                    | 36.74                  | 54.00                | 17.26       | 500.00          | 200.0       | V   | 0.00          | -6           |
| 1861.00         | 48.87                  | ---                    | 68.20                | 19.33       | 500.00          | 200.0       | V   | 74.00         | -6           |
| 2671.25         | 51.10                  | ---                    | 68.20                | 17.10       | 500.00          | 200.0       | V   | 356.00        | -4           |
| 2812.13         | ---                    | 39.68                  | 54.00                | 14.32       | 500.00          | 200.0       | V   | 257.00        | -3           |
| 3596.13         | 52.36                  | ---                    | 68.20                | 15.84       | 500.00          | 100.0       | V   | 12.00         | -2           |
| 3951.38         | ---                    | 40.78                  | 54.00                | 13.22       | 500.00          | 200.0       | V   | 159.00        | -1           |
| 5312.00         | 55.04                  | ---                    | 68.20                | 13.16       | 500.00          | 100.0       | H   | 39.00         | 4            |
| 5428.38         | ---                    | 43.76                  | 54.00                | 10.24       | 500.00          | 200.0       | H   | 286.00        | 4            |
| 7914.25         | 59.52                  | ---                    | 68.20                | 8.68        | 500.00          | 200.0       | H   | 259.00        | 9            |

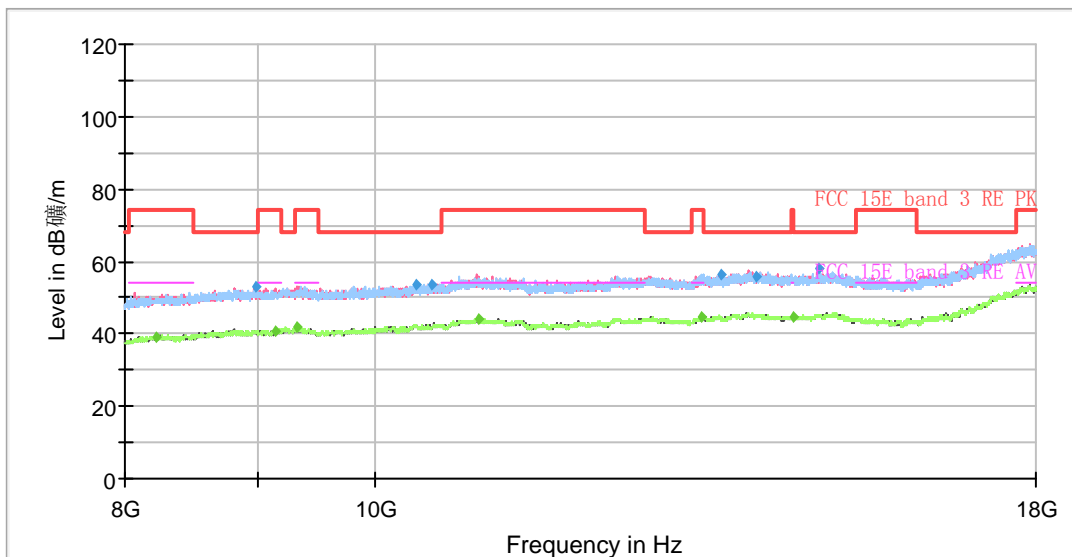
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11n (HT40) CH151



Radiates Emission from 1GHz to 8GHz  
 Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz

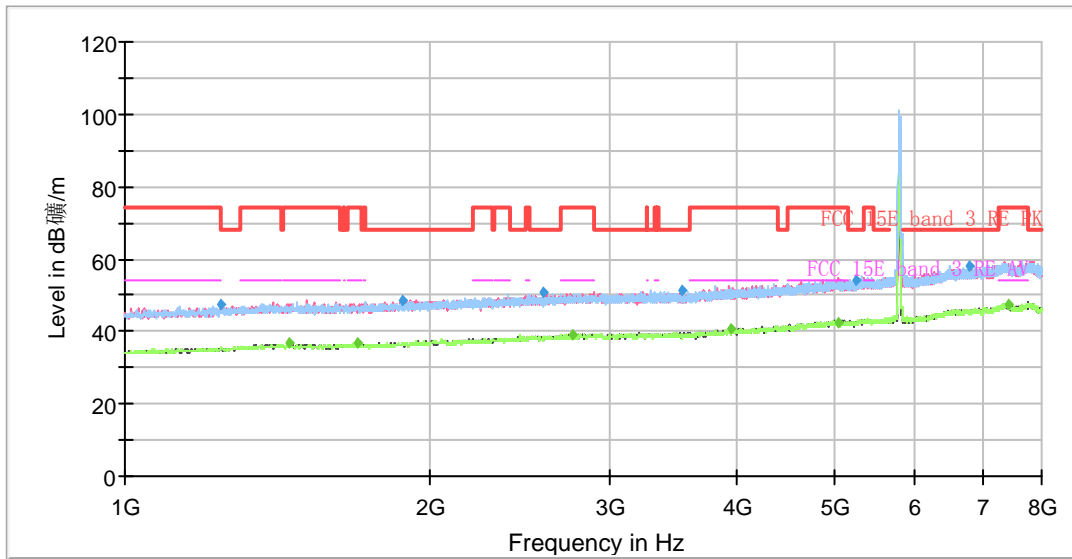


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1280.00         | 46.75                  | ---                    | 68.20                | 21.45       | 500.00          | 200.0       | H   | 6.00          | -8           |
| 1407.75         | ---                    | 36.08                  | 54.00                | 17.92       | 500.00          | 200.0       | H   | 177.00        | -7           |
| 1687.75         | ---                    | 36.12                  | 54.00                | 17.88       | 500.00          | 100.0       | V   | 0.00          | -6           |
| 1959.88         | 48.47                  | ---                    | 68.20                | 19.73       | 500.00          | 200.0       | V   | 268.00        | -5           |
| 2657.25         | 50.88                  | ---                    | 68.20                | 17.32       | 500.00          | 100.0       | V   | 16.00         | -4           |
| 2801.63         | ---                    | 38.80                  | 54.00                | 15.20       | 500.00          | 200.0       | V   | 289.00        | -3           |
| 3295.13         | 51.36                  | ---                    | 68.20                | 16.84       | 500.00          | 100.0       | V   | 22.00         | -3           |
| 3928.63         | ---                    | 39.96                  | 54.00                | 14.04       | 500.00          | 100.0       | V   | 22.00         | -1           |
| 5096.75         | ---                    | 42.25                  | 54.00                | 11.75       | 500.00          | 100.0       | V   | 208.00        | 3            |
| 5221.00         | 54.19                  | ---                    | 68.20                | 14.01       | 500.00          | 100.0       | H   | 0.00          | 3            |
| 7176.63         | 57.75                  | ---                    | 68.20                | 10.45       | 500.00          | 200.0       | H   | 46.00         | 8            |
| 7362.13         | ---                    | 47.64                  | 54.00                | 6.36        | 500.00          | 100.0       | H   | 186.00        | 9            |

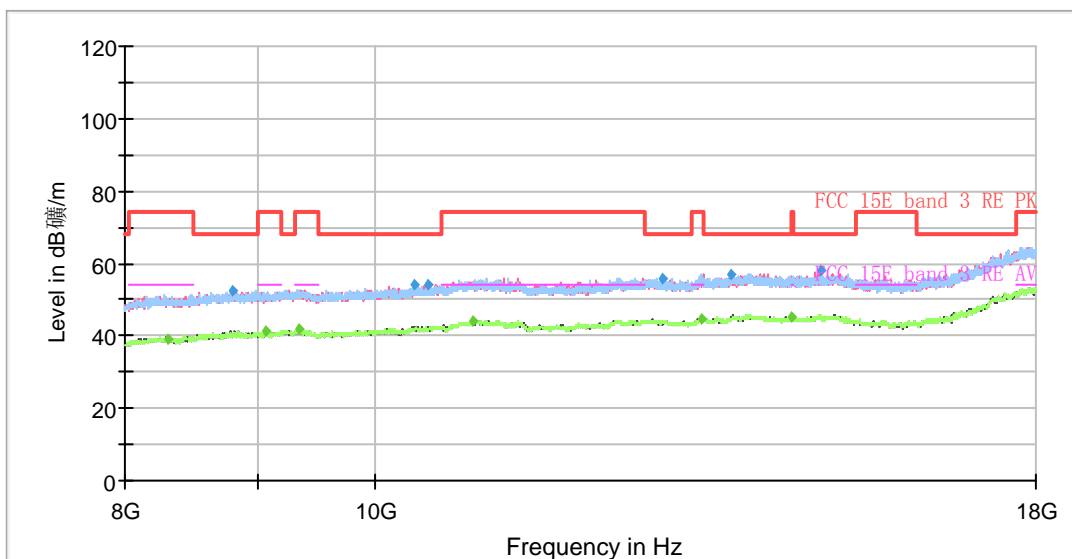
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

802.11n (HT40) CH159



Radiates Emission from 1GHz to 8GHz  
 Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz

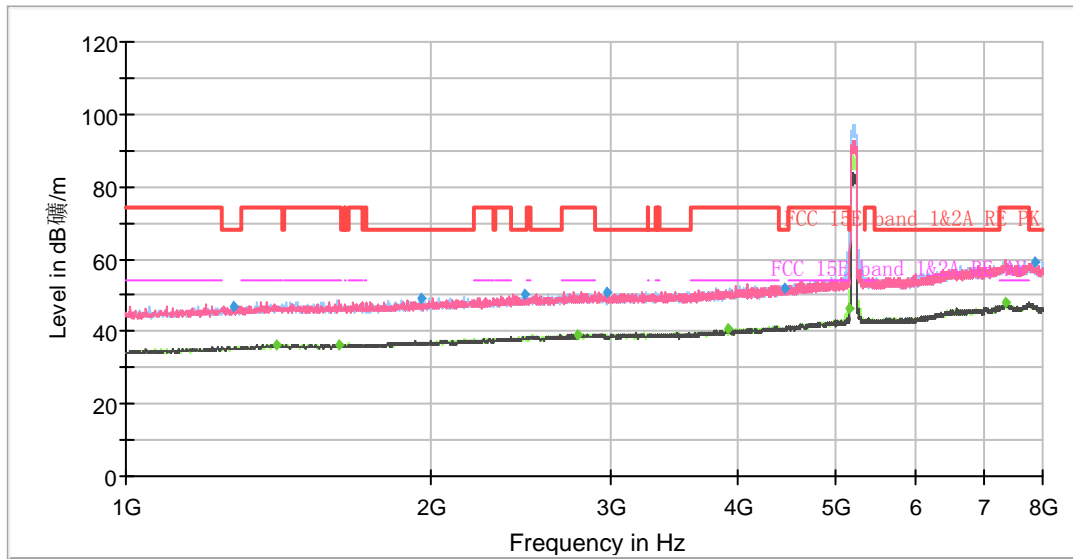


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1242.38         | 47.61                  | ---                    | 68.20                | 20.59       | 500.00          | 200.0       | V   | 0.00          | -8           |
| 1449.75         | ---                    | 36.62                  | 54.00                | 17.38       | 500.00          | 100.0       | H   | 204.00        | -7           |
| 1693.88         | ---                    | 36.62                  | 54.00                | 17.38       | 500.00          | 200.0       | V   | 319.00        | -6           |
| 1880.25         | 48.78                  | ---                    | 68.20                | 19.42       | 500.00          | 100.0       | H   | 359.00        | -6           |
| 2581.13         | 50.71                  | ---                    | 68.20                | 17.49       | 500.00          | 100.0       | H   | 265.00        | -4           |
| 2755.25         | ---                    | 39.18                  | 54.00                | 14.82       | 500.00          | 200.0       | V   | 87.00         | -4           |
| 3535.75         | 51.17                  | ---                    | 68.20                | 17.03       | 500.00          | 100.0       | V   | 142.00        | -3           |
| 3954.88         | ---                    | 40.51                  | 54.00                | 13.49       | 500.00          | 200.0       | H   | 66.00         | -1           |
| 5044.25         | ---                    | 42.64                  | 54.00                | 11.36       | 500.00          | 100.0       | V   | 5.00          | 3            |
| 5241.13         | 54.17                  | ---                    | 68.20                | 14.03       | 500.00          | 100.0       | H   | 156.00        | 3            |
| 6796.88         | 57.88                  | ---                    | 68.20                | 10.32       | 500.00          | 200.0       | H   | 169.00        | 9            |
| 7422.50         | ---                    | 47.49                  | 54.00                | 6.51        | 500.00          | 100.0       | V   | 47.00         | 9            |

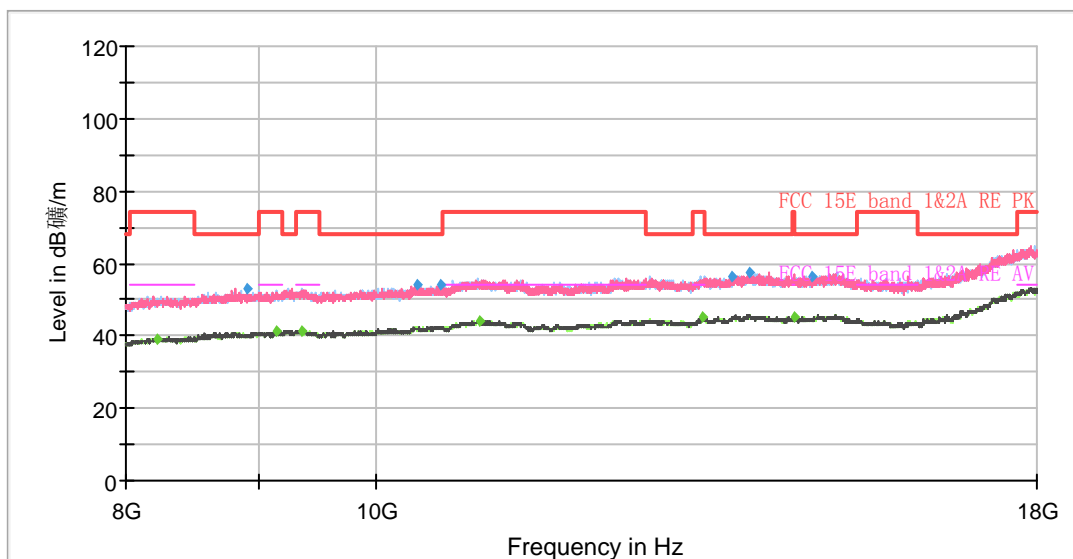
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

## 802.11ac (VHT80) CH42



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



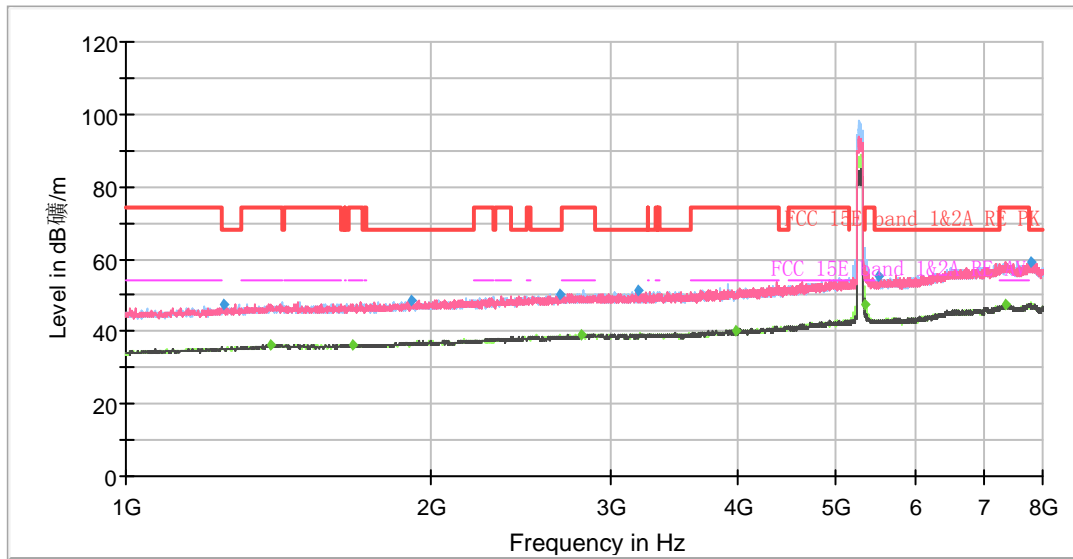
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1273.88         | 47.13                  | ---                    | 68.20                | 21.07       | 500.00          | 100.0       | V   | 0.00          | -8           |
| 1407.75         | ---                    | 36.47                  | 54.00                | 17.53       | 500.00          | 200.0       | H   | 224.00        | -7           |
| 1623.88         | ---                    | 36.49                  | 54.00                | 17.51       | 500.00          | 200.0       | H   | 356.00        | -6           |
| 1956.38         | 49.13                  | ---                    | 68.20                | 19.07       | 500.00          | 200.0       | H   | 115.00        | -5           |
| 2471.75         | 50.18                  | ---                    | 68.20                | 18.02       | 500.00          | 200.0       | H   | 198.00        | -4           |
| 2781.50         | ---                    | 38.97                  | 54.00                | 15.03       | 500.00          | 100.0       | V   | 358.00        | -3           |
| 2972.25         | 50.92                  | ---                    | 68.20                | 17.28       | 500.00          | 100.0       | H   | 2.00          | -3           |
| 3925.13         | ---                    | 40.51                  | 54.00                | 13.49       | 500.00          | 100.0       | H   | 201.00        | -1           |
| 4460.63         | 52.12                  | ---                    | 68.20                | 16.08       | 500.00          | 200.0       | V   | 88.00         | 1            |
| 5149.25         | ---                    | 46.18                  | 54.00                | 7.82        | 500.00          | 100.0       | H   | 0.00          | 3            |
| 7363.00         | ---                    | 47.85                  | 54.00                | 6.15        | 500.00          | 100.0       | V   | 318.00        | 9            |
| 7844.25         | 59.23                  | ---                    | 68.20                | 8.97        | 500.00          | 100.0       | V   | 326.00        | 9            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

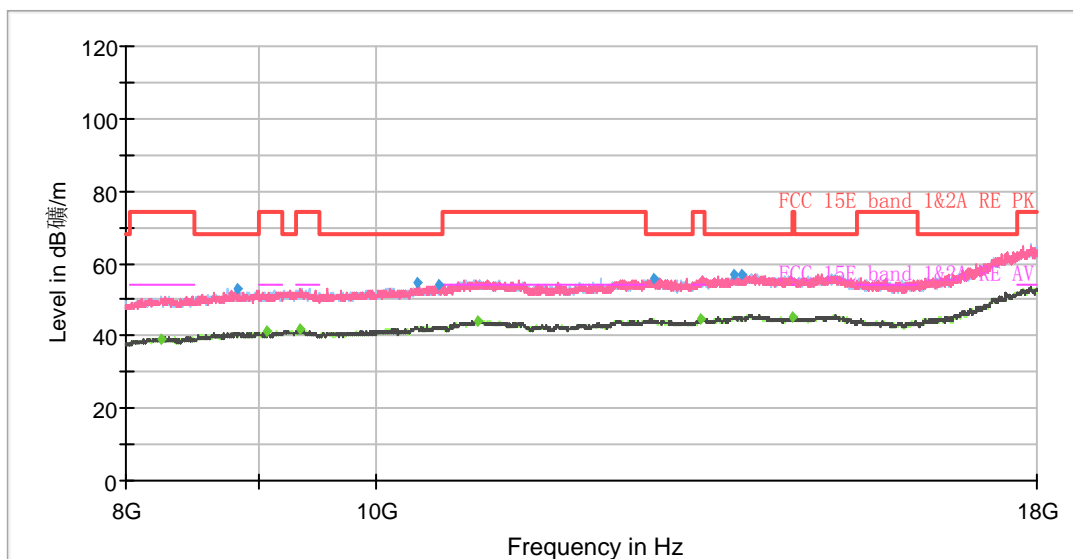
2. Margin = Limit - MAX Peak/ Average



### 802.11ac (VHT80) CH58



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



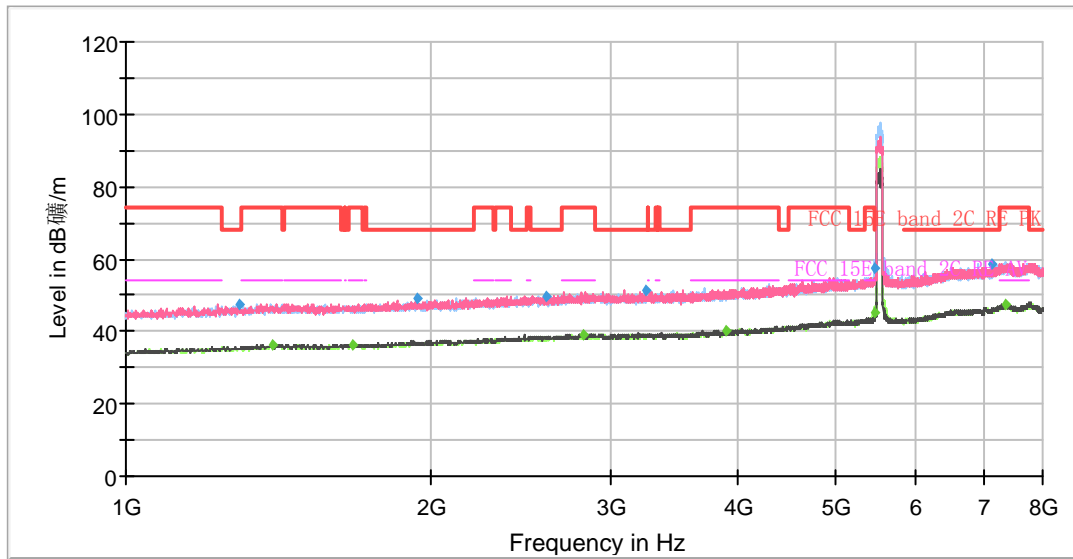


| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1249.38         | 47.48                  | ---                    | 68.20                | 20.72       | 500.00          | 200.0       | V   | 10.00         | -8           |
| 1391.13         | ---                    | 36.36                  | 54.00                | 17.64       | 500.00          | 200.0       | H   | 0.00          | -7           |
| 1672.88         | ---                    | 36.48                  | 54.00                | 17.52       | 500.00          | 100.0       | V   | 325.00        | -6           |
| 1907.38         | 48.56                  | ---                    | 68.20                | 19.64       | 500.00          | 200.0       | H   | 0.00          | -5           |
| 2673.00         | 50.35                  | ---                    | 68.20                | 17.85       | 500.00          | 200.0       | V   | 156.00        | -4           |
| 2809.50         | ---                    | 39.13                  | 54.00                | 14.87       | 500.00          | 200.0       | V   | 210.00        | -3           |
| 3193.63         | 51.47                  | ---                    | 68.20                | 16.73       | 500.00          | 200.0       | V   | 272.00        | -3           |
| 3986.38         | ---                    | 40.28                  | 54.00                | 13.72       | 500.00          | 100.0       | H   | 199.00        | -1           |
| 5350.50         | ---                    | 47.44                  | 54.00                | 6.56        | 500.00          | 100.0       | H   | 314.00        | 4            |
| 5519.38         | 55.38                  | ---                    | 68.20                | 12.82       | 500.00          | 200.0       | H   | 299.00        | 4            |
| 7366.50         | ---                    | 47.51                  | 54.00                | 6.49        | 500.00          | 200.0       | V   | 251.00        | 9            |
| 7794.38         | 59.13                  | ---                    | 68.20                | 9.07        | 500.00          | 100.0       | V   | 231.00        | 9            |

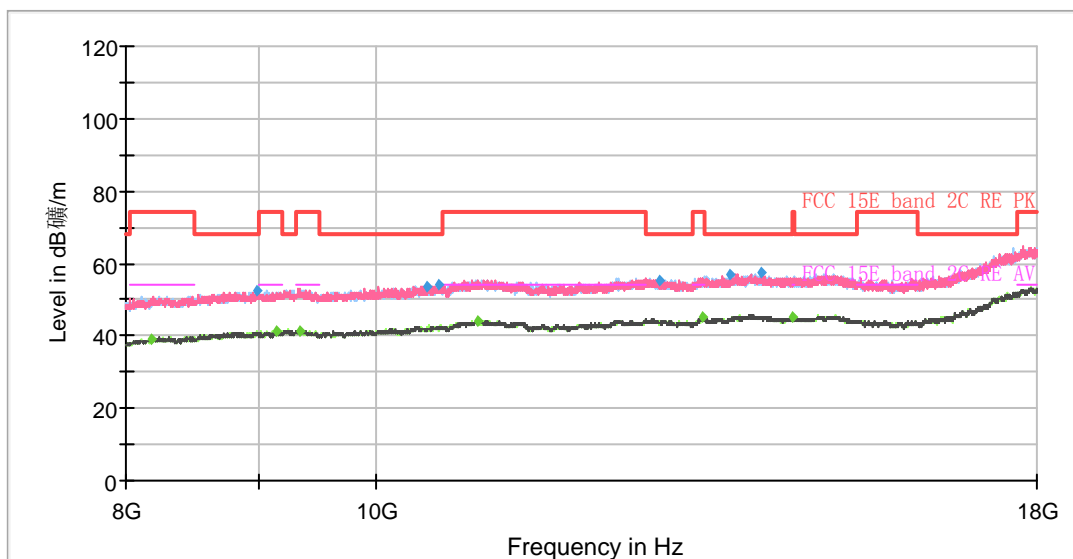
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average

## 802.11ac (VHT80) CH106



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



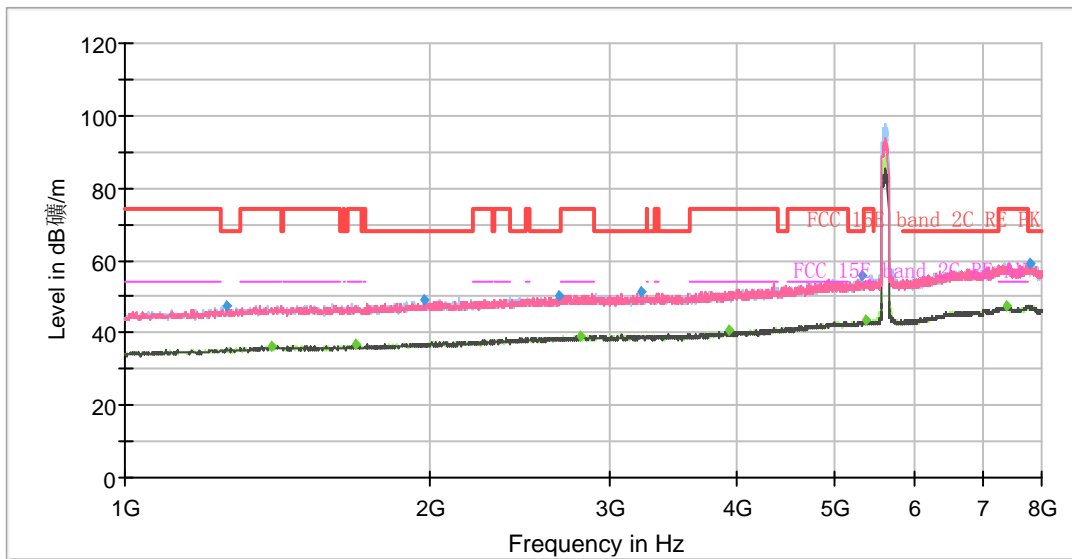
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1290.50         | 47.49                  | ---                    | 68.20                | 20.71       | 500.00          | 200.0       | V   | 334.00        | -8           |
| 1392.00         | ---                    | 36.27                  | 54.00                | 17.73       | 500.00          | 100.0       | V   | 0.00          | -7           |
| 1674.63         | ---                    | 36.41                  | 54.00                | 17.59       | 500.00          | 200.0       | V   | 12.00         | -6           |
| 1935.38         | 48.85                  | ---                    | 68.20                | 19.35       | 500.00          | 100.0       | V   | 90.00         | -5           |
| 2595.13         | 49.77                  | ---                    | 68.20                | 18.43       | 500.00          | 200.0       | H   | 355.00        | -4           |
| 2820.00         | ---                    | 39.02                  | 54.00                | 14.98       | 500.00          | 200.0       | V   | 166.00        | -3           |
| 3245.25         | 51.28                  | ---                    | 68.20                | 16.92       | 500.00          | 200.0       | V   | 97.00         | -3           |
| 3895.38         | ---                    | 40.32                  | 54.00                | 13.68       | 500.00          | 200.0       | V   | 201.00        | -1           |
| 5459.00         | ---                    | 45.36                  | 54.00                | 8.64        | 500.00          | 100.0       | H   | 0.00          | 4            |
| 5467.75         | 57.47                  | ---                    | 68.20                | 10.73       | 500.00          | 100.0       | H   | 354.00        | 4            |
| 7138.13         | 58.82                  | ---                    | 68.20                | 9.38        | 500.00          | 100.0       | V   | 297.00        | 8            |
| 7343.75         | ---                    | 47.40                  | 54.00                | 6.60        | 500.00          | 100.0       | H   | 178.00        | 9            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

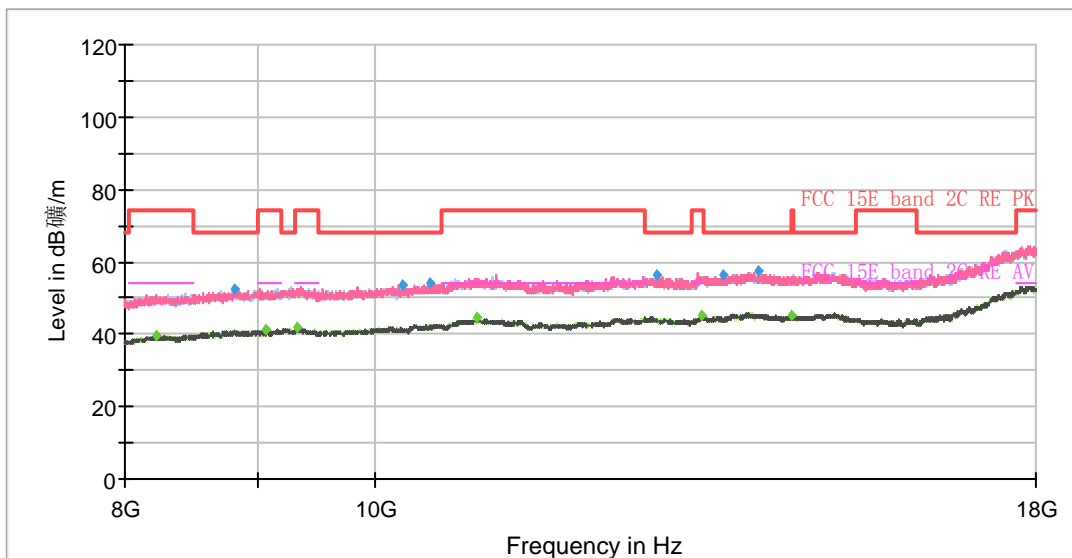
2. Margin = Limit - MAX Peak/ Average



802.11ac (VHT80) CH122



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



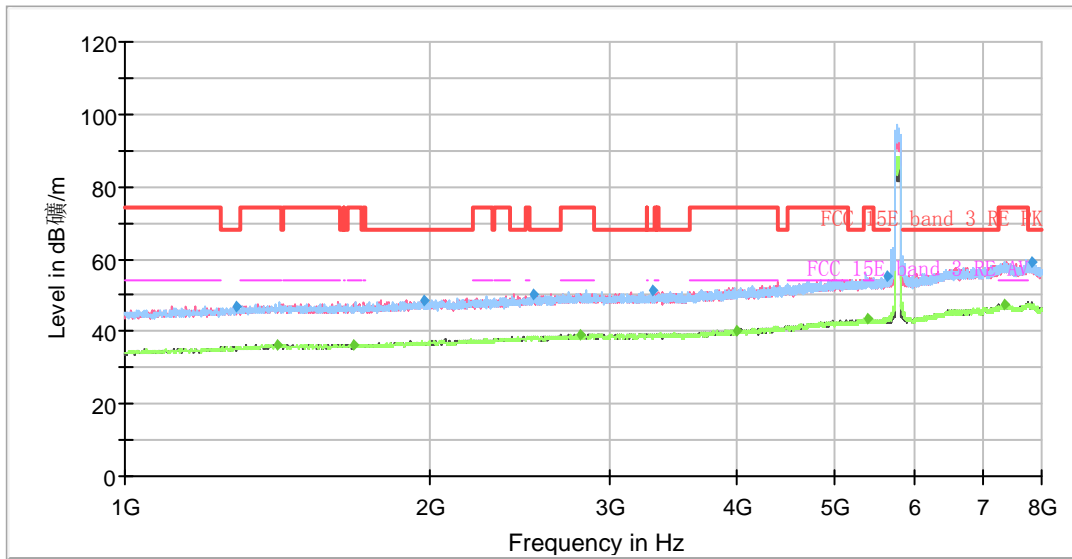
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1261.63         | 47.62                  | ---                    | 68.20                | 20.58       | 500.00          | 200.0       | V   | 40.00         | -8           |
| 1392.00         | ---                    | 36.41                  | 54.00                | 17.59       | 500.00          | 200.0       | H   | 193.00        | -7           |
| 1689.50         | ---                    | 36.85                  | 54.00                | 17.15       | 500.00          | 100.0       | H   | 162.00        | -6           |
| 1968.63         | 49.01                  | ---                    | 68.20                | 19.19       | 500.00          | 100.0       | H   | 2.00          | -5           |
| 2670.38         | 50.24                  | ---                    | 68.20                | 17.96       | 500.00          | 200.0       | H   | 295.00        | -4           |
| 2809.50         | ---                    | 39.20                  | 54.00                | 14.80       | 500.00          | 100.0       | V   | 274.00        | -3           |
| 3221.63         | 51.07                  | ---                    | 68.20                | 17.13       | 500.00          | 200.0       | H   | 0.00          | -3           |
| 3937.38         | ---                    | 40.49                  | 54.00                | 13.51       | 500.00          | 100.0       | H   | 224.00        | -1           |
| 5323.38         | 56.06                  | ---                    | 68.20                | 12.14       | 500.00          | 200.0       | H   | 341.00        | 4            |
| 5367.13         | ---                    | 43.54                  | 54.00                | 10.46       | 500.00          | 100.0       | V   | 315.00        | 4            |
| 7370.88         | ---                    | 47.53                  | 54.00                | 6.47        | 500.00          | 200.0       | V   | 190.00        | 9            |
| 7785.63         | 59.10                  | ---                    | 68.20                | 9.10        | 500.00          | 100.0       | H   | 88.00         | 9            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

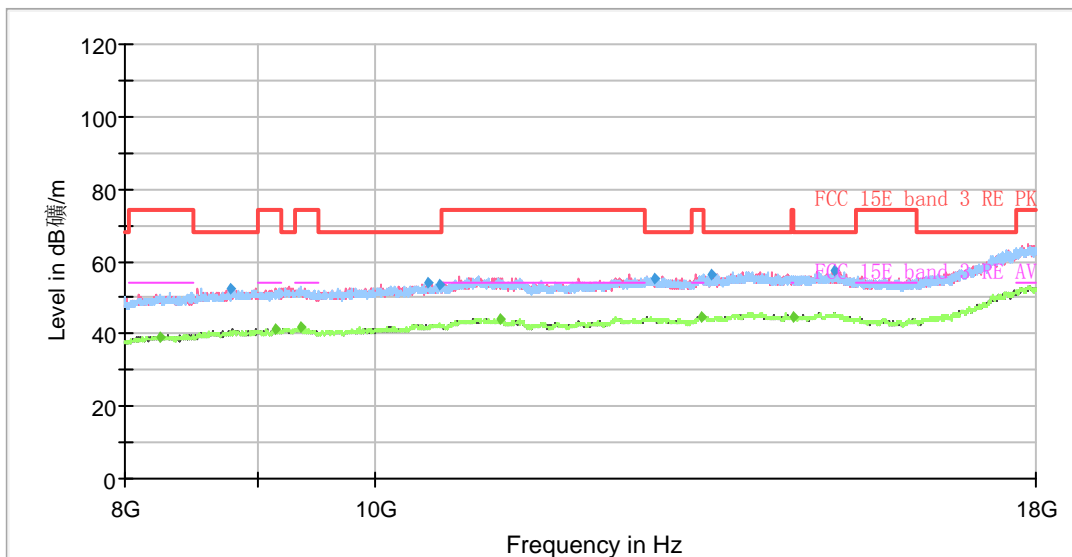
2. Margin = Limit - MAX Peak/ Average



### 802.11ac (VHT80) CH155



Radiates Emission from 1GHz to 8GHz  
Note: The signal beyond the limit is carrier.



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1286.13         | 46.75                  | ---                    | 68.20                | 21.45       | 500.00          | 200.0       | V   | 110.00        | -8           |
| 1413.00         | ---                    | 36.38                  | 54.00                | 17.62       | 500.00          | 100.0       | V   | 11.00         | -7           |
| 1677.25         | ---                    | 36.50                  | 54.00                | 17.50       | 500.00          | 100.0       | V   | 2.00          | -6           |
| 1973.00         | 48.56                  | ---                    | 68.20                | 19.64       | 500.00          | 100.0       | H   | 272.00        | -5           |
| 2526.88         | 50.26                  | ---                    | 68.20                | 17.94       | 500.00          | 200.0       | H   | 27.00         | -4           |
| 2814.75         | ---                    | 38.99                  | 54.00                | 15.01       | 500.00          | 100.0       | V   | 11.00         | -3           |
| 3307.38         | 51.10                  | ---                    | 68.20                | 17.10       | 500.00          | 200.0       | V   | 218.00        | -3           |
| 3998.63         | ---                    | 40.30                  | 54.00                | 13.70       | 500.00          | 100.0       | V   | 259.00        | -1           |
| 5391.63         | ---                    | 43.53                  | 54.00                | 10.47       | 500.00          | 200.0       | H   | 180.00        | 4            |
| 5642.75         | 55.07                  | ---                    | 68.20                | 13.13       | 500.00          | 100.0       | H   | 0.00          | 4            |
| 7363.00         | ---                    | 47.57                  | 54.00                | 6.43        | 500.00          | 100.0       | H   | 219.00        | 9            |
| 7812.75         | 59.09                  | ---                    | 68.20                | 9.11        | 500.00          | 200.0       | H   | 222.00        | 9            |

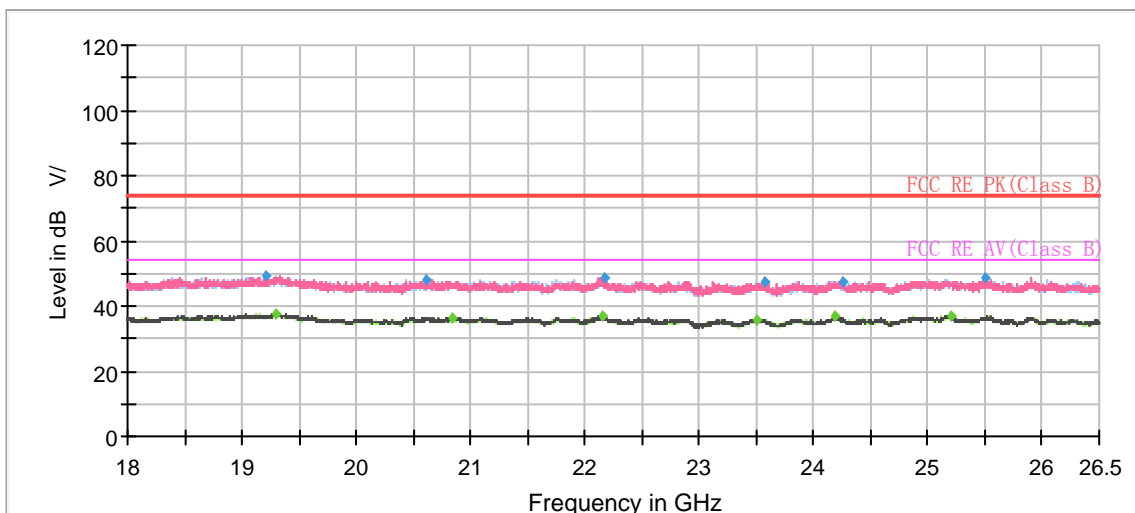
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit - MAX Peak/ Average



During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11a, Channel 100 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

A symbol ( dB V/ ) in the test plot below means (dBμV/m)

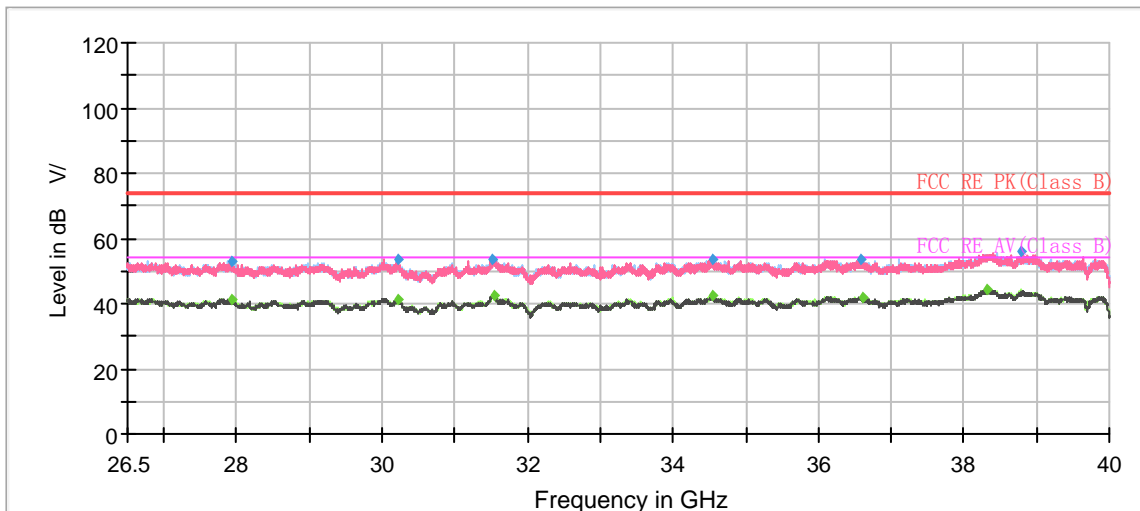


Radiates Emission from 18GHz to 26.5GHz

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 19210.19        | 49.43            | ---              | 74.00          | 24.57       | 500.00          | 200.0       | V   | 273.00        | -6           |
| 19302.63        | ---              | 37.65            | 54.00          | 16.35       | 500.00          | 100.0       | V   | 62.00         | -6           |
| 20610.56        | 47.87            | ---              | 74.00          | 26.13       | 500.00          | 200.0       | H   | 315.00        | -7           |
| 20846.44        | ---              | 36.41            | 54.00          | 17.59       | 500.00          | 100.0       | V   | 82.00         | -7           |
| 22148.00        | ---              | 36.82            | 54.00          | 17.18       | 500.00          | 200.0       | H   | 227.00        | -6           |
| 22165.00        | 48.46            | ---              | 74.00          | 25.54       | 500.00          | 200.0       | H   | 117.00        | -6           |
| 23505.88        | ---              | 35.57            | 54.00          | 18.43       | 500.00          | 200.0       | H   | 38.00         | -5           |
| 23577.06        | 47.57            | ---              | 74.00          | 26.43       | 500.00          | 200.0       | H   | 232.00        | -5           |
| 24192.25        | ---              | 36.69            | 54.00          | 17.31       | 500.00          | 200.0       | H   | 0.00          | -4           |
| 24259.19        | 47.41            | ---              | 74.00          | 26.59       | 500.00          | 200.0       | V   | 239.00        | -4           |
| 25209.06        | ---              | 36.96            | 54.00          | 17.04       | 500.00          | 200.0       | V   | 299.00        | -3           |
| 25505.50        | 48.76            | ---              | 74.00          | 25.24       | 500.00          | 200.0       | H   | 53.00         | -3           |

- Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)
- 2. Margin = Limit-MAX Peak/ Average





Radiates Emission from 26.5GHz to 40GHz

| Frequency (MHz) | MaxPeak (dBμV/m) | Average (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 27932.69        | ---              | 41.00            | 54.00          | 13.00       | 500.00          | 200.0       | H   | 124.00        | 0            |
| 27934.38        | 52.77            | ---              | 74.00          | 21.23       | 500.00          | 100.0       | V   | 145.00        | 0            |
| 30205.75        | 53.33            | ---              | 74.00          | 20.67       | 500.00          | 200.0       | V   | 138.00        | -1           |
| 30209.13        | ---              | 41.53            | 54.00          | 12.47       | 500.00          | 100.0       | V   | 59.00         | -1           |
| 31525.38        | 53.69            | ---              | 74.00          | 20.31       | 500.00          | 100.0       | H   | 317.00        | 0            |
| 31530.44        | ---              | 42.47            | 54.00          | 11.53       | 500.00          | 200.0       | V   | 227.00        | 0            |
| 34539.25        | ---              | 42.27            | 54.00          | 11.73       | 500.00          | 200.0       | H   | 231.00        | 1            |
| 34556.13        | 53.56            | ---              | 74.00          | 20.44       | 500.00          | 100.0       | H   | 277.00        | 1            |
| 36576.06        | 53.43            | ---              | 74.00          | 20.57       | 500.00          | 200.0       | H   | 9.00          | 2            |
| 36603.06        | ---              | 41.95            | 54.00          | 12.05       | 500.00          | 200.0       | H   | 0.00          | 2            |
| 38332.75        | ---              | 44.26            | 54.00          | 9.74        | 500.00          | 200.0       | H   | 196.00        | 5            |
| 38796.81        | 55.81            | ---              | 74.00          | 18.19       | 500.00          | 200.0       | H   | 61.00         | 3            |

Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)  
 2. Margin = Limit-MAX Peak/ Average

## 5.6. Conducted Emission

### Ambient condition

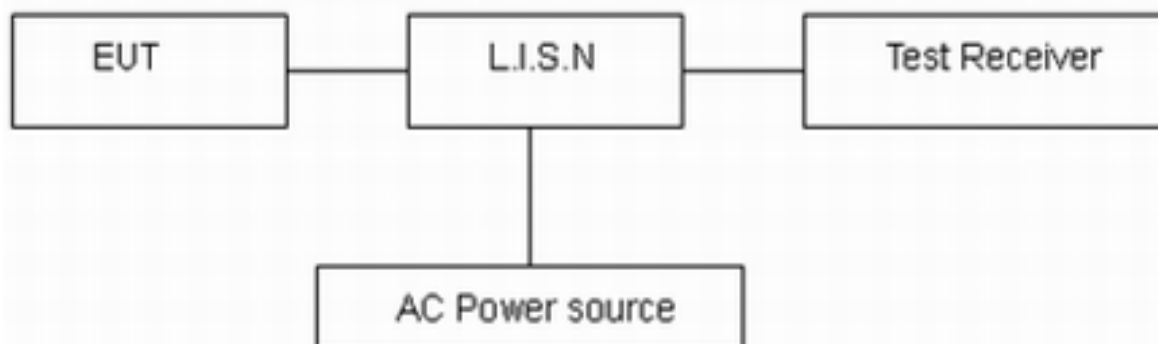
| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.5kPa |

### Methods of Measurement

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

### Test Setup



Note: AC Power source is used to change the voltage 110V/60Hz.

### Limits

| Frequency (MHz) | Conducted Limits(dBμV) |            |
|-----------------|------------------------|------------|
|                 | Quasi-peak             | Average    |
| 0.15 - 0.5      | 66 to 56 *             | 56 to 46 * |
| 0.5 - 5         | 56                     | 46         |
| 5 - 30          | 60                     | 50         |

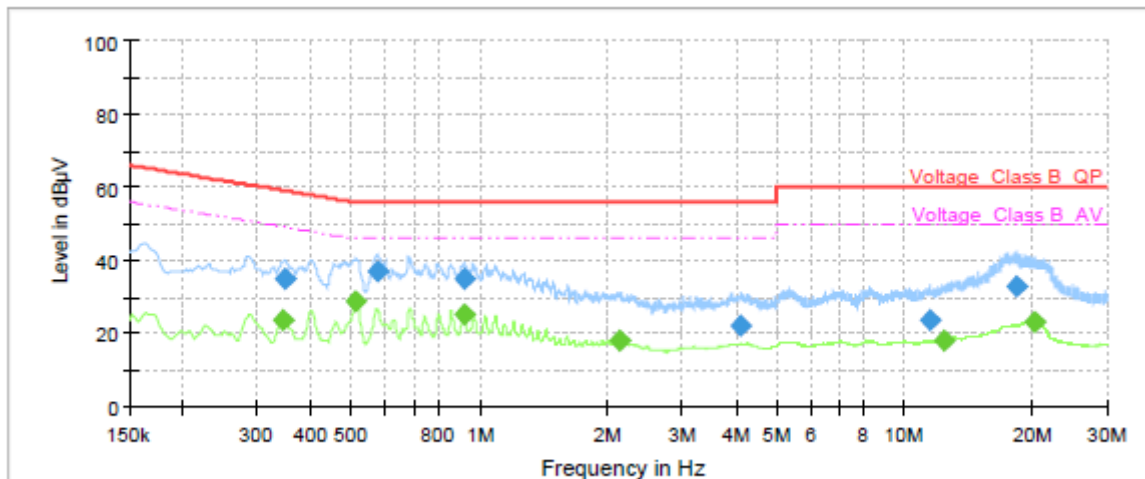
\*: Decreases with the logarithm of the frequency.

### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ ,  $U = 2.69$  dB.

**Test Results:**

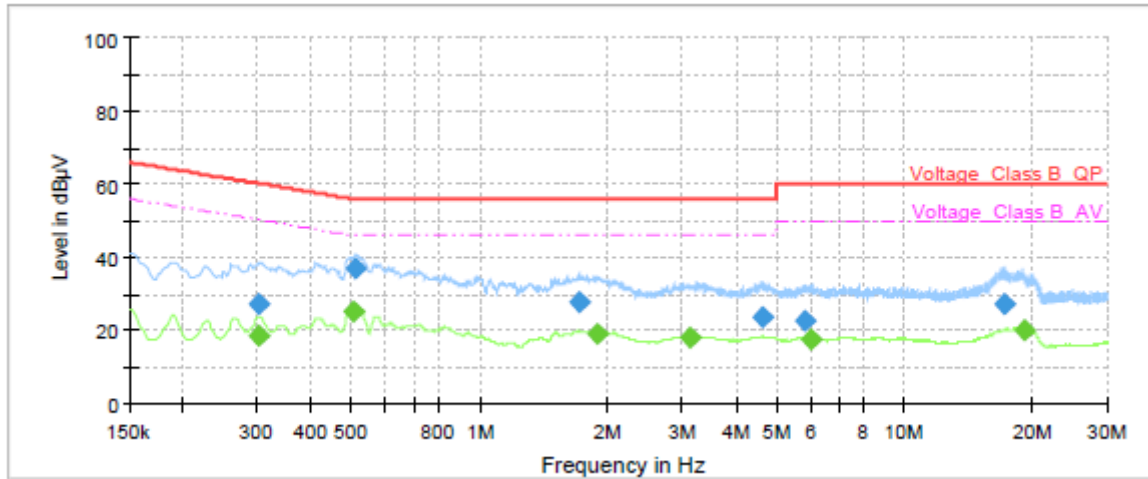
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a, Channel 100 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.343500        | ---              | 23.83          | 49.12        | 25.29       | 1000.0          | 9.000           | L1   | ON     | 20.5       |
| 0.348000        | 34.63            | ---            | 59.01        | 24.38       | 1000.0          | 9.000           | L1   | ON     | 20.5       |
| 0.512250        | ---              | 28.66          | 46.00        | 17.34       | 1000.0          | 9.000           | L1   | ON     | 20.3       |
| 0.573000        | 37.10            | ---            | 56.00        | 18.90       | 1000.0          | 9.000           | L1   | ON     | 20.3       |
| 0.915000        | ---              | 25.25          | 46.00        | 20.75       | 1000.0          | 9.000           | L1   | ON     | 20.0       |
| 0.919500        | 35.06            | ---            | 56.00        | 20.94       | 1000.0          | 9.000           | L1   | ON     | 20.0       |
| 2.123250        | ---              | 17.94          | 46.00        | 28.06       | 1000.0          | 9.000           | L1   | ON     | 19.5       |
| 4.119000        | 21.89            | ---            | 56.00        | 34.11       | 1000.0          | 9.000           | L1   | ON     | 19.4       |
| 11.431500       | 23.69            | ---            | 60.00        | 36.31       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 12.403500       | ---              | 18.09          | 50.00        | 31.91       | 1000.0          | 9.000           | L1   | ON     | 19.7       |
| 18.269250       | 32.60            | ---            | 60.00        | 27.40       | 1000.0          | 9.000           | L1   | ON     | 19.8       |
| 20.161500       | ---              | 23.05          | 50.00        | 26.95       | 1000.0          | 9.000           | L1   | ON     | 19.8       |

**Remark: Correct factor=cable loss + LISN factor**

L line Conducted Emission from 150 KHz to 30 MHz



| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.300750        | 27.39            | ---            | 60.22        | 32.83       | 1000.0          | 9.000           | N    | ON     | 20.6       |
| 0.303000        | ---              | 18.28          | 50.16        | 31.88       | 1000.0          | 9.000           | N    | ON     | 20.6       |
| 0.503250        | ---              | 25.04          | 46.00        | 20.96       | 1000.0          | 9.000           | N    | ON     | 20.4       |
| 0.510000        | 37.05            | ---            | 56.00        | 18.95       | 1000.0          | 9.000           | N    | ON     | 20.4       |
| 1.707000        | 27.48            | ---            | 56.00        | 28.52       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 1.882500        | ---              | 18.89          | 46.00        | 27.11       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 3.117750        | ---              | 17.81          | 46.00        | 28.19       | 1000.0          | 9.000           | N    | ON     | 19.5       |
| 4.652250        | 23.54            | ---            | 56.00        | 32.46       | 1000.0          | 9.000           | N    | ON     | 19.5       |
| 5.856000        | 22.46            | ---            | 60.00        | 37.54       | 1000.0          | 9.000           | N    | ON     | 19.5       |
| 6.042750        | ---              | 17.26          | 50.00        | 32.74       | 1000.0          | 9.000           | N    | ON     | 19.5       |
| 17.099250       | 26.93            | ---            | 60.00        | 33.07       | 1000.0          | 9.000           | N    | ON     | 19.8       |
| 19.214250       | ---              | 19.99          | 50.00        | 30.01       | 1000.0          | 9.000           | N    | ON     | 19.8       |

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz



## 6. Main Test Instruments

| Name                       | Manufacturer | Type              | Serial Number | Calibration Date | Expiration Date |
|----------------------------|--------------|-------------------|---------------|------------------|-----------------|
| Power sensor               | R&S          | OSP-B157W8        | 100924        | 2021-12-12       | 2022-12-11      |
| Spectrum Analyzer          | KEYSIGHT     | N9020A            | MY54420163    | 2021-12-12       | 2022-12-11      |
| DC Power Supply            | GWINSTEK     | GPS-3030D         | GEQ875952     | 2022-05-14       | 2023-05-13      |
| Climate Chamber            | ESPEC        | SU-242            | 93000506      | 2021-12-12       | 2022-12-11      |
| Radio Frequency Switch Box | MWRFTTEST    | MW100-RFCB        | A00017-2      | 2021-12-12       | 2022-12-11      |
| Conducted Emission         |              |                   |               |                  |                 |
| Artificial main network    | R&S          | ENV216            | 102191        | 2020-12-13       | 2022-12-12      |
| EMI Test Receiver          | R&S          | ESR               | 101667        | 2022-05-25       | 2023-05-24      |
| Software                   | R&S          | EMC32             | 10.35.10      | /                | /               |
| Radiated Emission          |              |                   |               |                  |                 |
| EMI Test Receiver          | R&S          | ESR               | 102389        | 2022-05-25       | 2023-05-24      |
| Signal Analyzer            | R&S          | FSV40             | 100816        | 2021-12-12       | 2022-12-11      |
| Loop Antenna               | SCHWARZBECK  | FMZB1519          | 1519-047      | 2020-04-02       | 2023-04-01      |
| TRILOG Broadband Antenna   | SCHWARZBECK  | VULB 9163         | 1023          | 2020-05-05       | 2023-05-04      |
| Horn Antenna               | R&S          | HF907             | 102723        | 2020-08-11       | 2023-08-10      |
| Horn Antenna               | ETS-Lindgren | 3160-09           | 00102643      | 2021-10-10       | 2024-10-09      |
| Horn Antenna               | STEATITE     | QSH-SL-26-40-K-15 | 16779         | 2019-12-24       | 2022-12-23      |
| Software                   | R&S          | EMC32             | 9.26.01       | /                | /               |

\*\*\*\*\*END OF REPORT \*\*\*\*\*



## ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



## ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.



## **ANNEX C: Product Change Description**

**The Product Change Description are submitted separately.**