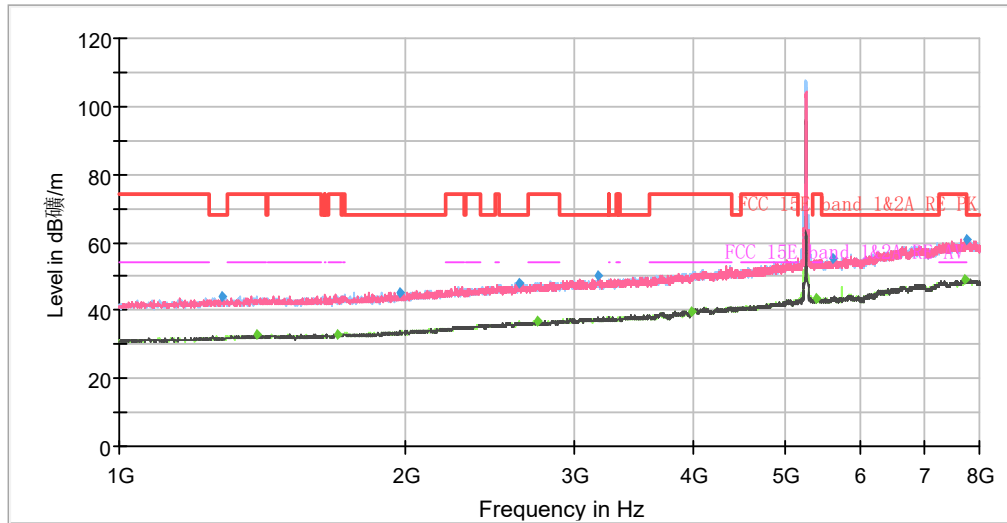
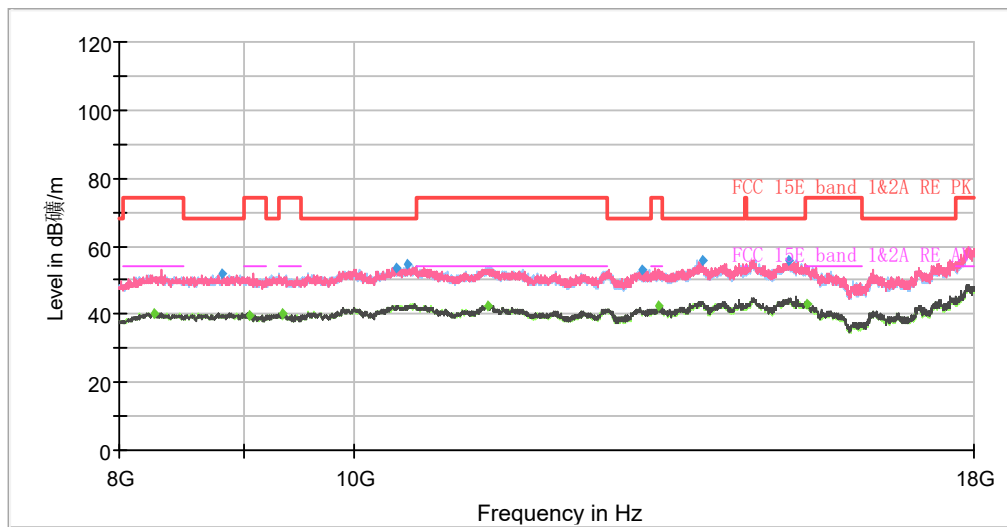


# 802.11a CH52



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



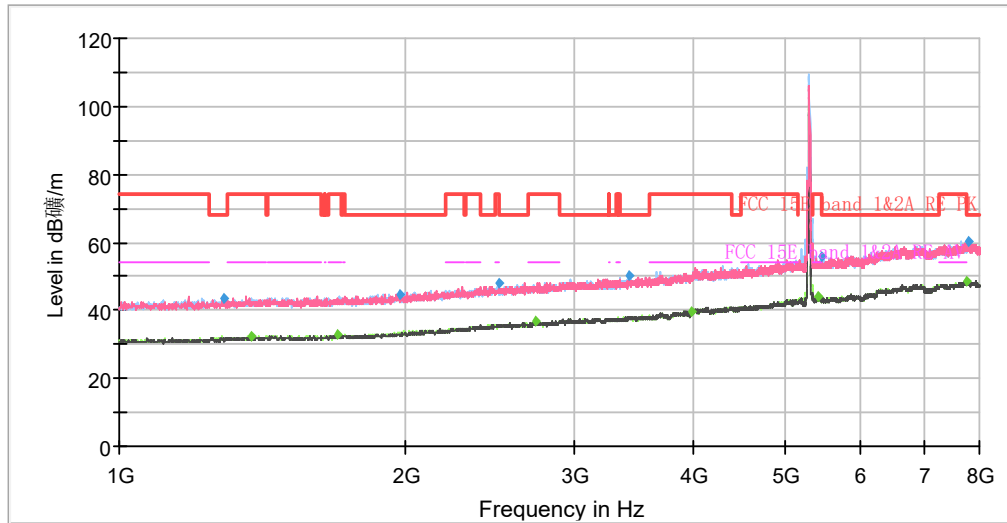
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1279.13         | 43.83                  | ---                    | 68.20                | 24.37       | 500.00          | 200.0       | V   | 0.00          | -2           |
| 1397.25         | ---                    | 32.76                  | 54.00                | 21.24       | 500.00          | 100.0       | H   | 191.00        | -1           |
| 1691.25         | ---                    | 33.13                  | 54.00                | 20.87       | 500.00          | 200.0       | V   | 38.00         | 0            |
| 1972.13         | 45.25                  | ---                    | 68.20                | 22.95       | 500.00          | 200.0       | H   | 203.00        | 1            |
| 2632.75         | 47.87                  | ---                    | 68.20                | 20.33       | 500.00          | 100.0       | H   | 191.00        | 4            |
| 2752.63         | ---                    | 37.00                  | 54.00                | 17.00       | 500.00          | 200.0       | V   | 118.00        | 4            |
| 3178.75         | 50.23                  | ---                    | 68.20                | 17.97       | 500.00          | 200.0       | H   | 348.00        | 5            |
| 3992.50         | ---                    | 39.64                  | 54.00                | 14.36       | 500.00          | 100.0       | V   | 0.00          | 6            |
| 5389.88         | ---                    | 43.69                  | 54.00                | 10.31       | 500.00          | 100.0       | H   | 91.00         | 11           |
| 5608.63         | 55.01                  | ---                    | 68.20                | 13.19       | 500.00          | 100.0       | V   | 359.00        | 11           |
| 7725.25         | ---                    | 48.98                  | 54.00                | 5.02        | 500.00          | 200.0       | V   | 84.00         | 17           |
| 7771.63         | 60.88                  | ---                    | 68.20                | 7.32        | 500.00          | 200.0       | H   | 277.00        | 17           |

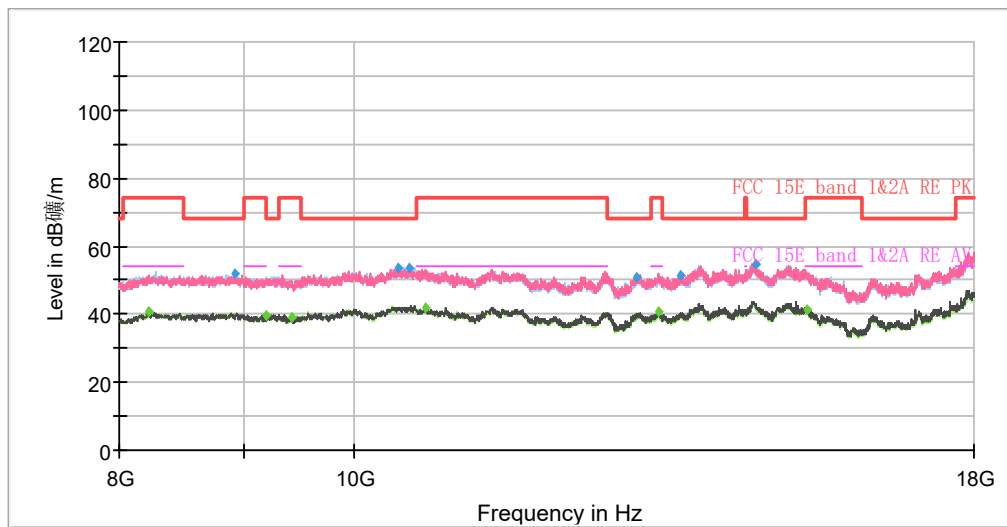
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11a CH60



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



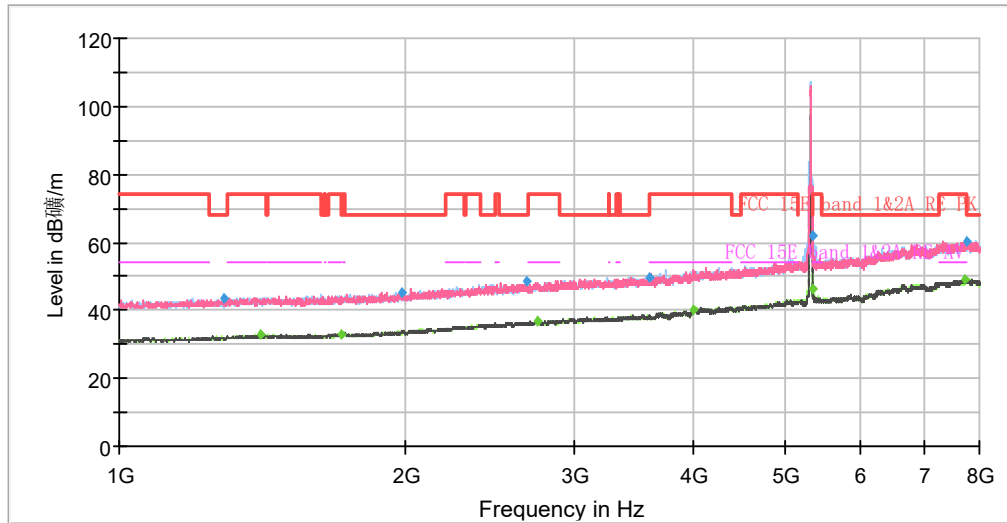
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1288.75         | 43.38                  | ---                    | 68.20                | 24.82       | 500.00          | 100.0       | V   | 98.00         | -2           |
| 1375.38         | ---                    | 32.39                  | 54.00                | 21.61       | 500.00          | 100.0       | H   | 298.00        | -1           |
| 1693.88         | ---                    | 32.78                  | 54.00                | 21.22       | 500.00          | 100.0       | H   | 108.00        | 0            |
| 1974.75         | 44.92                  | ---                    | 68.20                | 23.28       | 500.00          | 200.0       | H   | 129.00        | 1            |
| 2505.00         | 48.07                  | ---                    | 68.20                | 20.13       | 500.00          | 200.0       | V   | 200.00        | 3            |
| 2735.13         | ---                    | 36.57                  | 54.00                | 17.43       | 500.00          | 100.0       | H   | 229.00        | 4            |
| 3432.50         | 50.03                  | ---                    | 68.20                | 18.17       | 500.00          | 200.0       | V   | 141.00        | 5            |
| 3996.88         | ---                    | 39.79                  | 54.00                | 14.21       | 500.00          | 200.0       | V   | 349.00        | 6            |
| 5412.63         | ---                    | 44.34                  | 54.00                | 9.66        | 500.00          | 100.0       | H   | 229.00        | 11           |
| 5475.63         | 55.79                  | ---                    | 68.20                | 12.41       | 500.00          | 200.0       | H   | 101.00        | 11           |
| 7744.50         | ---                    | 48.44                  | 54.00                | 5.56        | 500.00          | 200.0       | V   | 0.00          | 17           |
| 7802.25         | 60.13                  | ---                    | 68.20                | 8.07        | 500.00          | 100.0       | H   | 276.00        | 17           |

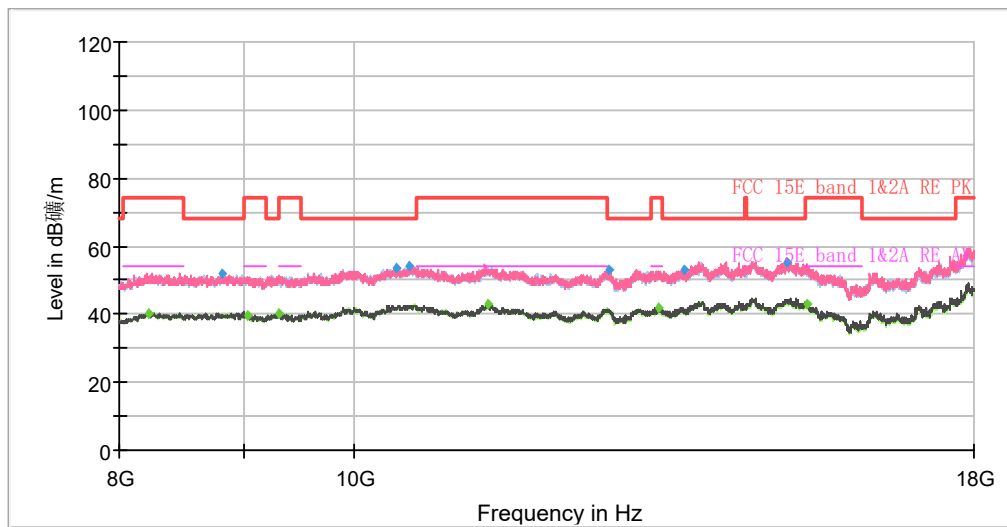
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11a CH64



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



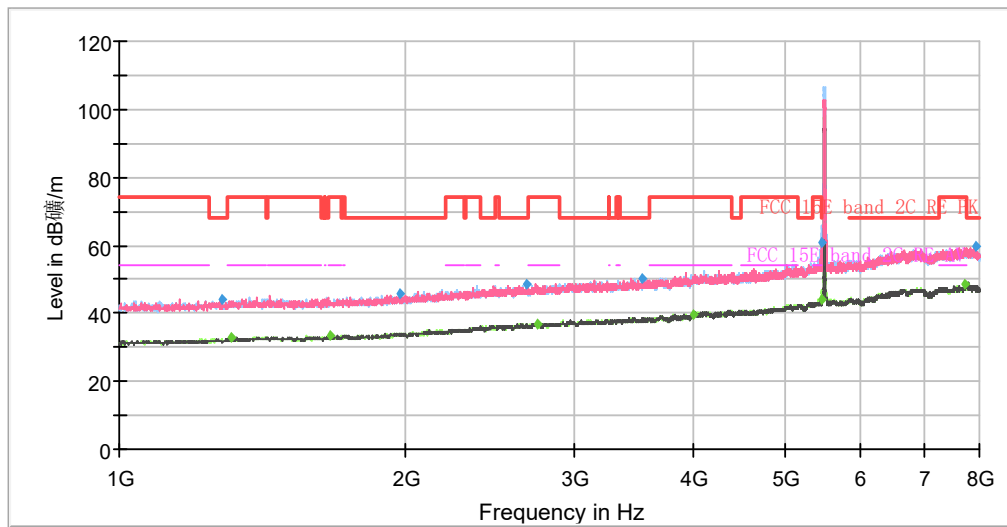
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1287.00         | 43.28                  | ---                    | 68.20                | 24.92       | 500.00          | 200.0       | H   | 357.00        | -2           |
| 1409.50         | ---                    | 32.78                  | 54.00                | 21.22       | 500.00          | 100.0       | H   | 239.00        | -1           |
| 1709.63         | ---                    | 33.06                  | 54.00                | 20.94       | 500.00          | 100.0       | H   | 0.00          | 0            |
| 1975.63         | 45.45                  | ---                    | 68.20                | 22.75       | 500.00          | 100.0       | H   | 47.00         | 1            |
| 2673.00         | 48.34                  | ---                    | 68.20                | 19.86       | 500.00          | 200.0       | H   | 186.00        | 4            |
| 2751.75         | ---                    | 36.87                  | 54.00                | 17.13       | 500.00          | 200.0       | V   | 50.00         | 4            |
| 3595.25         | 49.73                  | ---                    | 68.20                | 18.47       | 500.00          | 200.0       | V   | 70.00         | 5            |
| 3998.63         | ---                    | 40.09                  | 54.00                | 13.91       | 500.00          | 200.0       | H   | 268.00        | 6            |
| 5350.50         | 62.06                  | ---                    | 74.00                | 11.94       | 500.00          | 100.0       | H   | 185.00        | 11           |
| 5351.38         | ---                    | 46.23                  | 54.00                | 7.77        | 500.00          | 100.0       | H   | 192.00        | 11           |
| 7722.63         | ---                    | 49.05                  | 54.00                | 4.95        | 500.00          | 100.0       | V   | 178.00        | 17           |
| 7768.13         | 60.45                  | ---                    | 68.20                | 7.75        | 500.00          | 100.0       | V   | 94.00         | 17           |

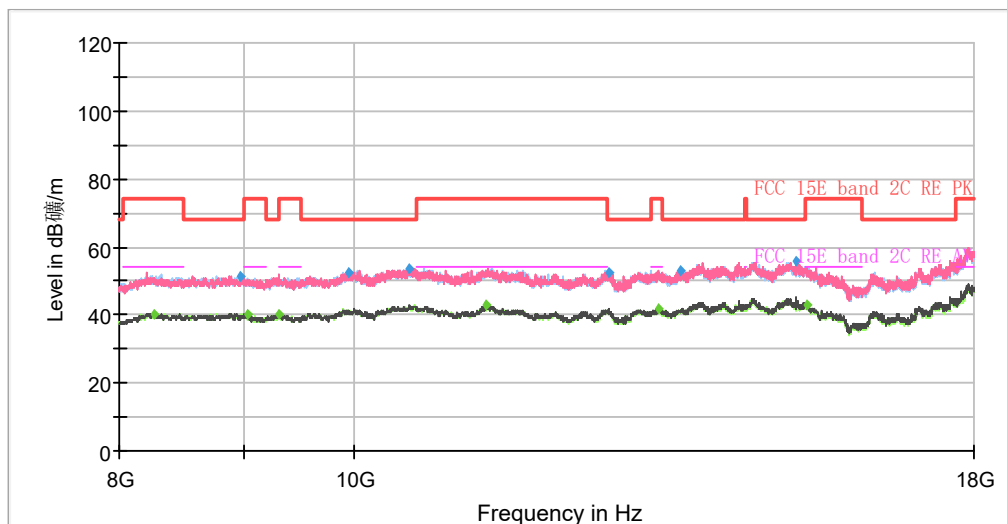
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH100



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



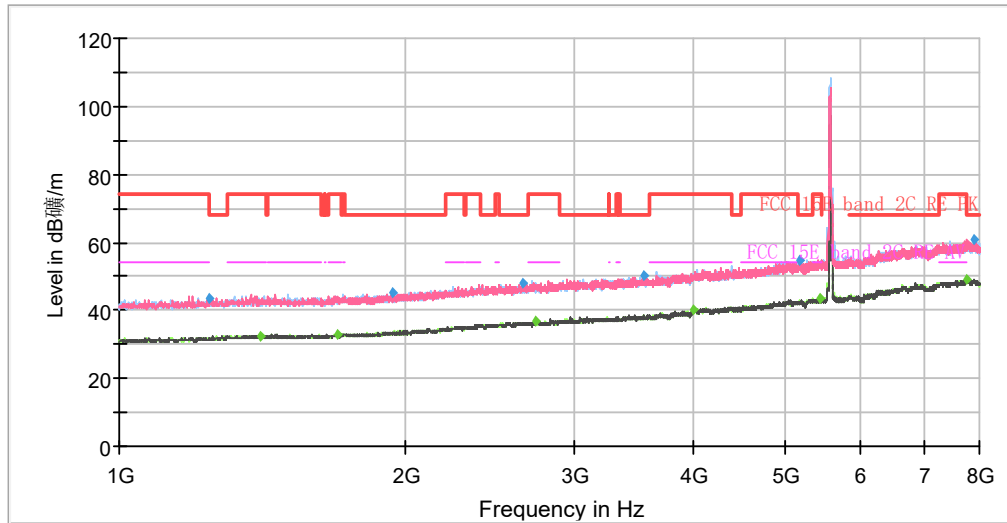
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1281.75         | 43.87                  | ---                    | 68.20                | 24.33       | 500.00          | 100.0       | V   | 0.00          | -2           |
| 1308.00         | ---                    | 32.99                  | 54.00                | 21.01       | 500.00          | 200.0       | H   | 68.00         | -1           |
| 1664.13         | ---                    | 33.41                  | 54.00                | 20.59       | 500.00          | 100.0       | V   | 252.00        | -1           |
| 1969.50         | 45.74                  | ---                    | 68.20                | 22.46       | 500.00          | 100.0       | H   | 10.00         | 1            |
| 2681.75         | 48.32                  | ---                    | 68.20                | 19.88       | 500.00          | 200.0       | H   | 359.00        | 4            |
| 2750.00         | ---                    | 37.04                  | 54.00                | 16.96       | 500.00          | 200.0       | V   | 229.00        | 4            |
| 3530.50         | 50.13                  | ---                    | 68.20                | 18.07       | 500.00          | 200.0       | H   | 255.00        | 5            |
| 3997.75         | ---                    | 39.81                  | 54.00                | 14.19       | 500.00          | 200.0       | V   | 143.00        | 6            |
| 5456.38         | ---                    | 44.04                  | 54.00                | 9.96        | 500.00          | 100.0       | H   | 180.00        | 11           |
| 5467.75         | 60.97                  | ---                    | 68.20                | 7.23        | 500.00          | 100.0       | H   | 193.00        | 11           |
| 7729.63         | ---                    | 48.44                  | 54.00                | 5.56        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7917.75         | 59.55                  | ---                    | 68.20                | 8.65        | 500.00          | 200.0       | H   | 118.00        | 17           |

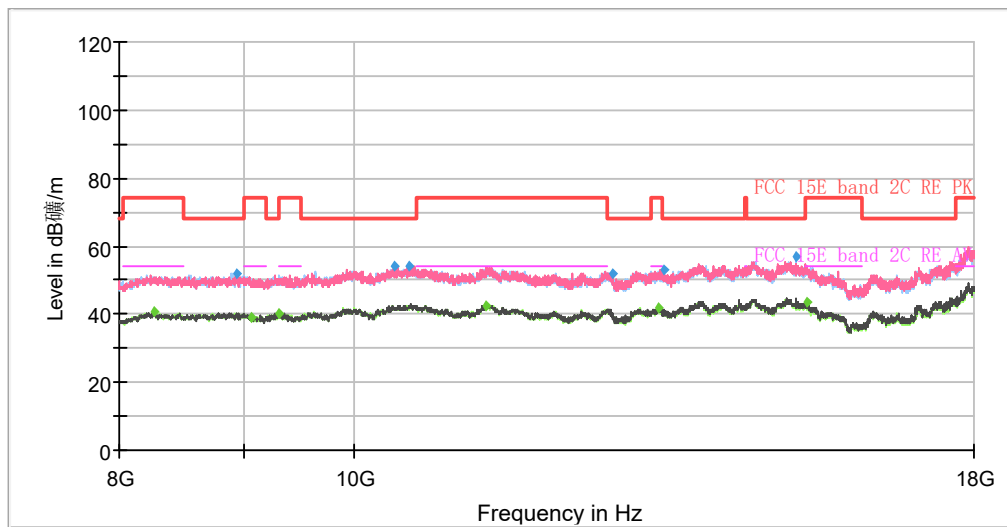
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11a CH116



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



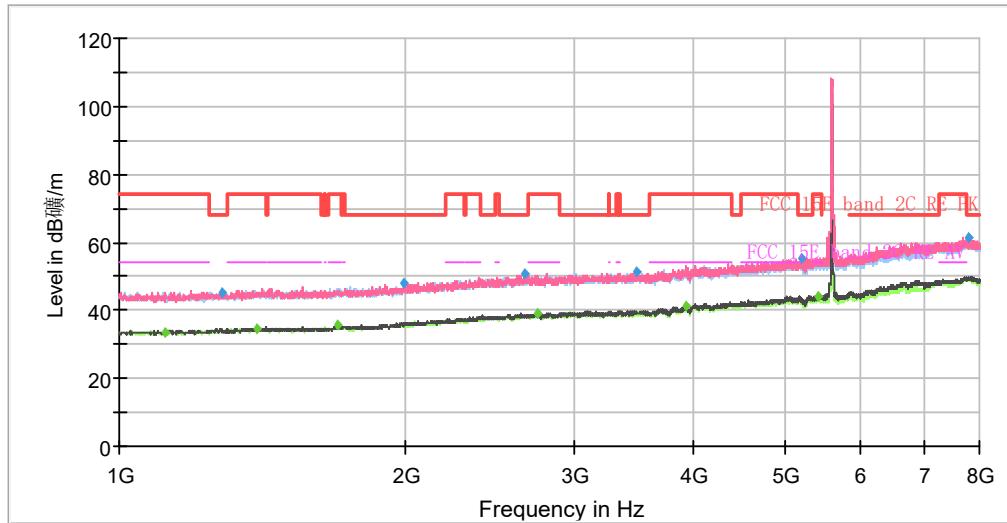
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1244.13         | 43.32                  | ---                    | 68.20                | 24.88       | 500.00          | 200.0       | H   | 251.00        | -2           |
| 1409.50         | ---                    | 32.65                  | 54.00                | 21.35       | 500.00          | 100.0       | H   | 90.00         | -1           |
| 1691.25         | ---                    | 33.11                  | 54.00                | 20.89       | 500.00          | 200.0       | V   | 316.00        | 0            |
| 1935.38         | 45.29                  | ---                    | 68.20                | 22.91       | 500.00          | 200.0       | V   | 8.00          | 0            |
| 2655.50         | 48.10                  | ---                    | 68.20                | 20.10       | 500.00          | 100.0       | V   | 357.00        | 4            |
| 2739.50         | ---                    | 36.95                  | 54.00                | 17.05       | 500.00          | 200.0       | H   | 0.00          | 4            |
| 3555.88         | 50.04                  | ---                    | 68.20                | 18.16       | 500.00          | 200.0       | V   | 197.00        | 5            |
| 3999.50         | ---                    | 39.91                  | 54.00                | 14.09       | 500.00          | 200.0       | V   | 8.00          | 6            |
| 5179.00         | 54.51                  | ---                    | 68.20                | 13.69       | 500.00          | 100.0       | V   | 354.00        | 10           |
| 5437.13         | ---                    | 43.80                  | 54.00                | 10.20       | 500.00          | 200.0       | H   | 226.00        | 11           |
| 7738.38         | ---                    | 48.86                  | 54.00                | 5.14        | 500.00          | 100.0       | V   | 265.00        | 17           |
| 7894.13         | 60.66                  | ---                    | 68.20                | 7.54        | 500.00          | 100.0       | V   | 32.00         | 17           |

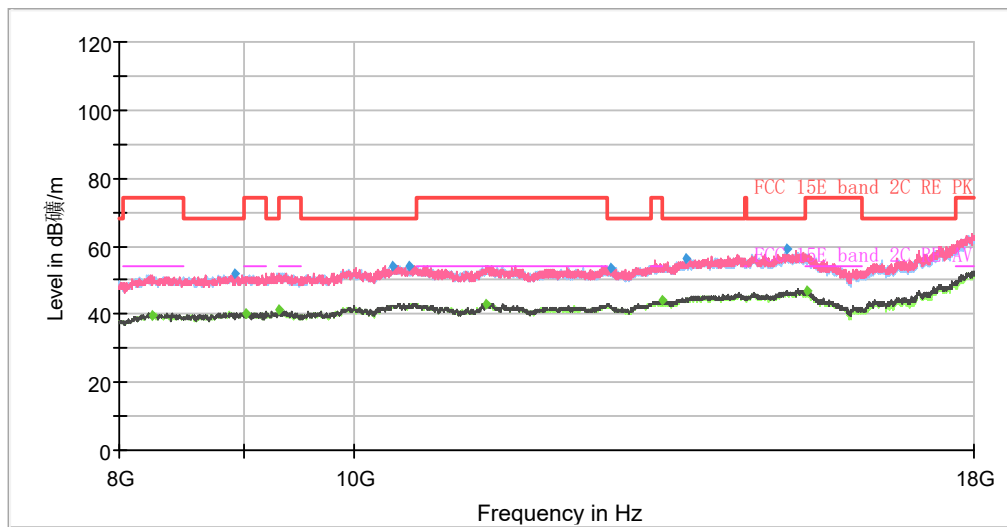
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11a CH120



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



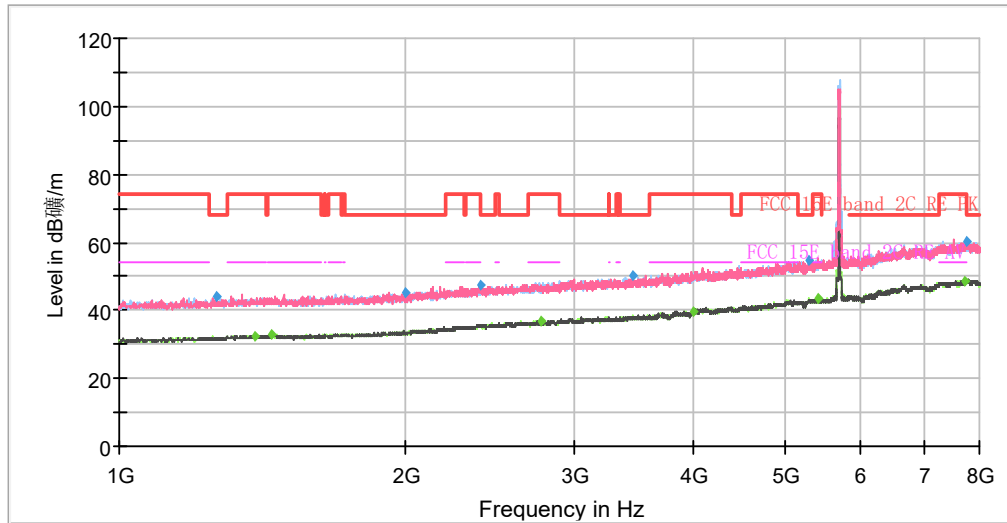
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1115.50         | ---                    | 33.68                  | 54.00                | 20.32       | 500.00          | 100.0       | V   | 2.00          | -11          |
| 1281.75         | 45.18                  | ---                    | 68.20                | 23.02       | 500.00          | 200.0       | H   | 168.00        | -10          |
| 1396.38         | ---                    | 34.83                  | 54.00                | 19.17       | 500.00          | 200.0       | V   | 308.00        | -9           |
| 1696.50         | ---                    | 35.55                  | 54.00                | 18.45       | 500.00          | 100.0       | H   | 354.00        | -9           |
| 1990.50         | 47.79                  | ---                    | 68.20                | 20.41       | 500.00          | 100.0       | H   | 253.00        | -8           |
| 2662.50         | 50.53                  | ---                    | 68.20                | 17.67       | 500.00          | 100.0       | V   | 188.00        | -5           |
| 2743.88         | ---                    | 38.92                  | 54.00                | 15.08       | 500.00          | 100.0       | V   | 151.00        | -5           |
| 3497.25         | 51.13                  | ---                    | 68.20                | 17.07       | 500.00          | 200.0       | V   | 346.00        | -4           |
| 3933.00         | ---                    | 41.26                  | 54.00                | 12.74       | 500.00          | 100.0       | V   | 0.00          | -2           |
| 5200.00         | 55.21                  | ---                    | 68.20                | 12.99       | 500.00          | 100.0       | H   | 313.00        | 2            |
| 5412.63         | ---                    | 44.26                  | 54.00                | 9.74        | 500.00          | 100.0       | V   | 24.00         | 3            |
| 7802.25         | 61.32                  | ---                    | 68.20                | 6.88        | 500.00          | 100.0       | V   | 0.00          | 9            |

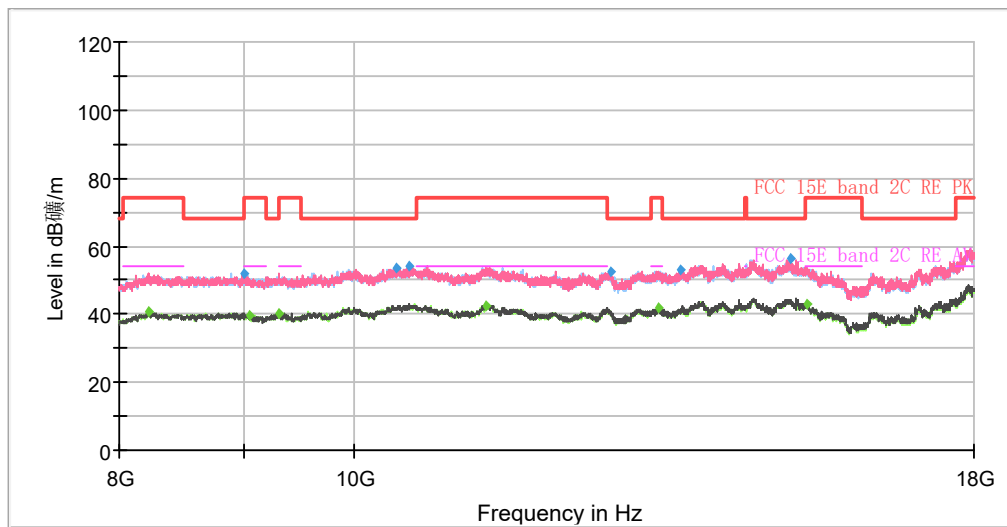
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11a CH140



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



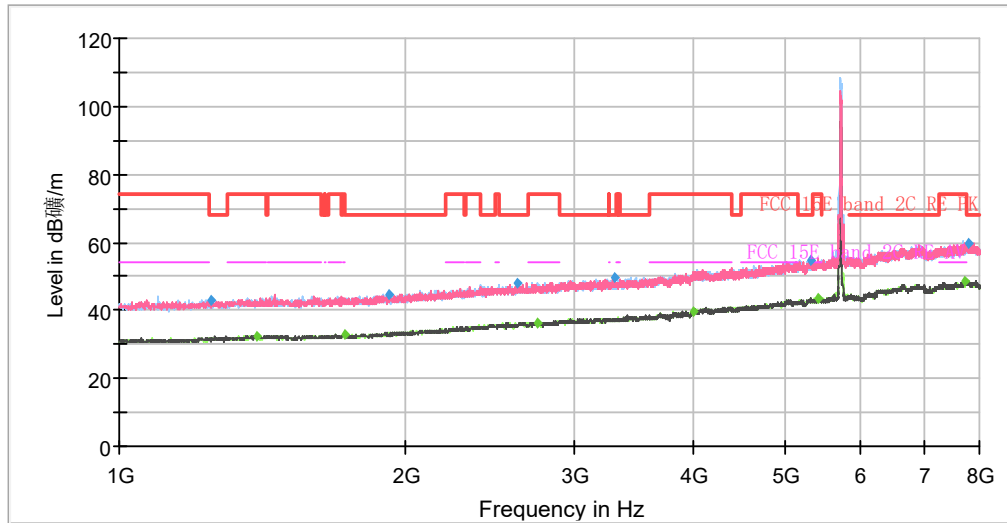
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1266.88         | 44.19                  | ---                    | 68.20                | 24.01       | 500.00          | 200.0       | H   | 120.00        | -2           |
| 1391.13         | ---                    | 32.57                  | 54.00                | 21.43       | 500.00          | 200.0       | V   | 190.00        | -1           |
| 1447.13         | ---                    | 33.12                  | 54.00                | 20.88       | 500.00          | 200.0       | V   | 44.00         | -1           |
| 1995.75         | 45.18                  | ---                    | 68.20                | 23.02       | 500.00          | 200.0       | H   | 172.00        | 1            |
| 2390.38         | 47.62                  | ---                    | 68.20                | 20.58       | 500.00          | 200.0       | V   | 8.00          | 3            |
| 2766.63         | ---                    | 37.10                  | 54.00                | 16.90       | 500.00          | 100.0       | H   | 5.00          | 4            |
| 3465.75         | 50.51                  | ---                    | 68.20                | 17.69       | 500.00          | 100.0       | H   | 240.00        | 5            |
| 3998.63         | ---                    | 39.66                  | 54.00                | 14.34       | 500.00          | 100.0       | V   | 84.00         | 6            |
| 5303.25         | 54.55                  | ---                    | 68.20                | 13.65       | 500.00          | 100.0       | H   | 0.00          | 11           |
| 5427.50         | ---                    | 43.44                  | 54.00                | 10.56       | 500.00          | 200.0       | V   | 253.00        | 11           |
| 7737.50         | ---                    | 48.70                  | 54.00                | 5.30        | 500.00          | 100.0       | V   | 195.00        | 17           |
| 7770.75         | 60.49                  | ---                    | 68.20                | 7.71        | 500.00          | 200.0       | V   | 0.00          | 17           |

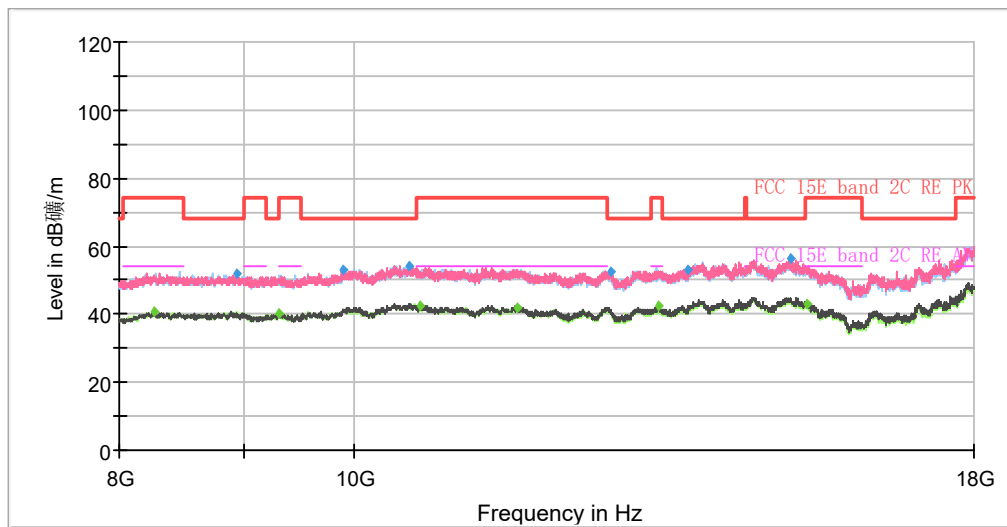
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11a CH144



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



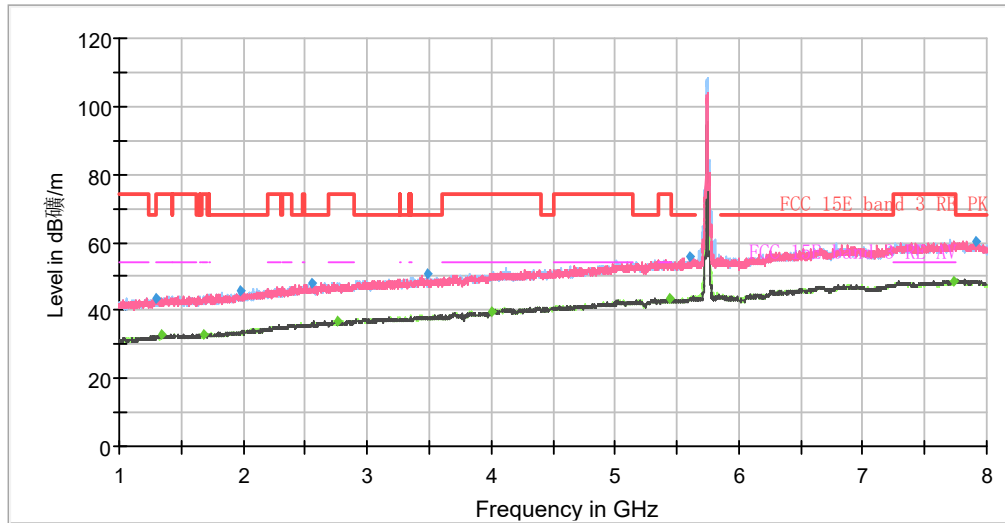
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1245.88         | 42.85                  | ---                    | 68.20                | 25.35       | 500.00          | 100.0       | V   | 241.00        | -2           |
| 1394.63         | ---                    | 32.50                  | 54.00                | 21.50       | 500.00          | 100.0       | H   | 344.00        | -1           |
| 1721.88         | ---                    | 32.95                  | 54.00                | 21.05       | 500.00          | 200.0       | V   | 358.00        | 0            |
| 1919.63         | 44.83                  | ---                    | 68.20                | 23.37       | 500.00          | 200.0       | V   | 6.00          | 0            |
| 2618.75         | 48.09                  | ---                    | 68.20                | 20.11       | 500.00          | 100.0       | V   | 0.00          | 4            |
| 2750.00         | ---                    | 36.49                  | 54.00                | 17.51       | 500.00          | 100.0       | H   | 356.00        | 4            |
| 3312.63         | 49.82                  | ---                    | 68.20                | 18.38       | 500.00          | 200.0       | V   | 356.00        | 5            |
| 3997.75         | ---                    | 39.66                  | 54.00                | 14.34       | 500.00          | 100.0       | V   | 131.00        | 6            |
| 5332.13         | 54.94                  | ---                    | 68.20                | 13.26       | 500.00          | 200.0       | V   | 356.00        | 11           |
| 5417.00         | ---                    | 43.60                  | 54.00                | 10.40       | 500.00          | 100.0       | V   | 0.00          | 11           |
| 7729.63         | ---                    | 48.58                  | 54.00                | 5.42        | 500.00          | 100.0       | V   | 33.00         | 17           |
| 7790.88         | 59.74                  | ---                    | 68.20                | 8.46        | 500.00          | 100.0       | V   | 180.00        | 17           |

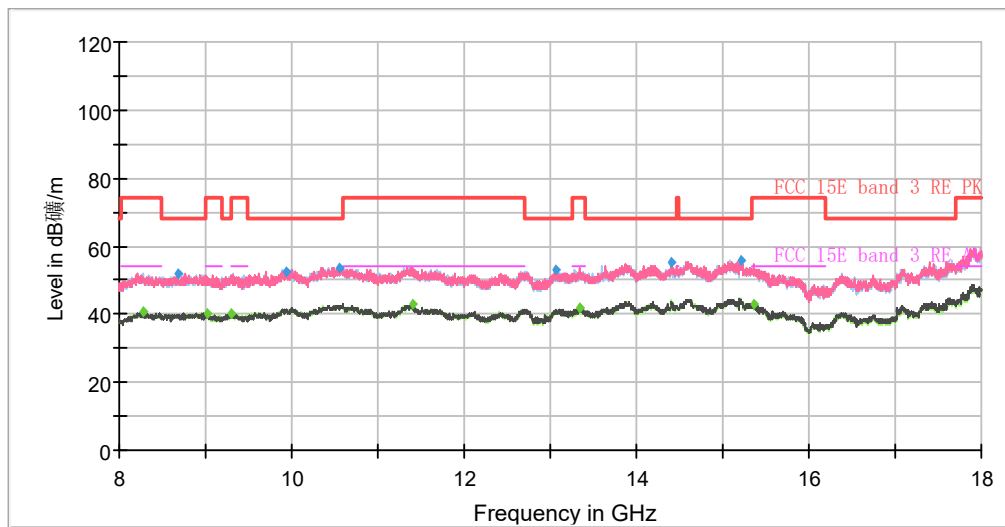
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH149



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



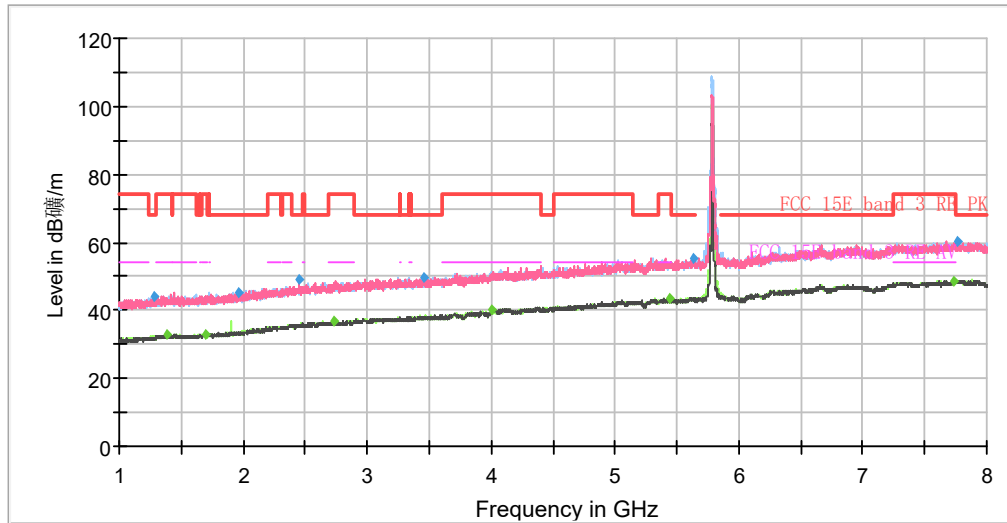
Radiates Emission from 8GHz to 18GHz

| 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         | 43.30                  | ---                    | 68.20                | 24.90       | 500.00          | 200.0       | V   | 192.00        | -1           |
| 1338.63         | ---                    | 32.69                  | 54.00                | 21.31       | 500.00          | 200.0       | V   | 16.00         | -1           |
| 1686.88         | ---                    | 33.13                  | 54.00                | 20.87       | 500.00          | 200.0       | H   | 163.00        | 0            |
| 1975.63         | 45.76                  | ---                    | 68.20                | 22.44       | 500.00          | 200.0       | H   | 348.00        | 1            |
| 2547.00         | 48.22                  | ---                    | 68.20                | 19.98       | 500.00          | 100.0       | V   | 356.00        | 3            |
| 2764.00         | ---                    | 36.83                  | 54.00                | 17.17       | 500.00          | 200.0       | H   | 314.00        | 4            |
| 3486.75         | 50.71                  | ---                    | 68.20                | 17.49       | 500.00          | 100.0       | V   | 353.00        | 5            |
| 3999.50         | ---                    | 39.76                  | 54.00                | 14.24       | 500.00          | 100.0       | V   | 156.00        | 6            |
| 5444.13         | ---                    | 43.43                  | 54.00                | 10.57       | 500.00          | 200.0       | H   | 338.00        | 11           |
| 5602.50         | 55.56                  | ---                    | 68.20                | 12.64       | 500.00          | 200.0       | V   | 174.00        | 11           |
| 7736.63         | ---                    | 48.84                  | 54.00                | 5.16        | 500.00          | 200.0       | V   | 235.00        | 17           |
| 7905.50         | 60.17                  | ---                    | 68.20                | 8.03        | 500.00          | 200.0       | V   | 130.00        | 17           |

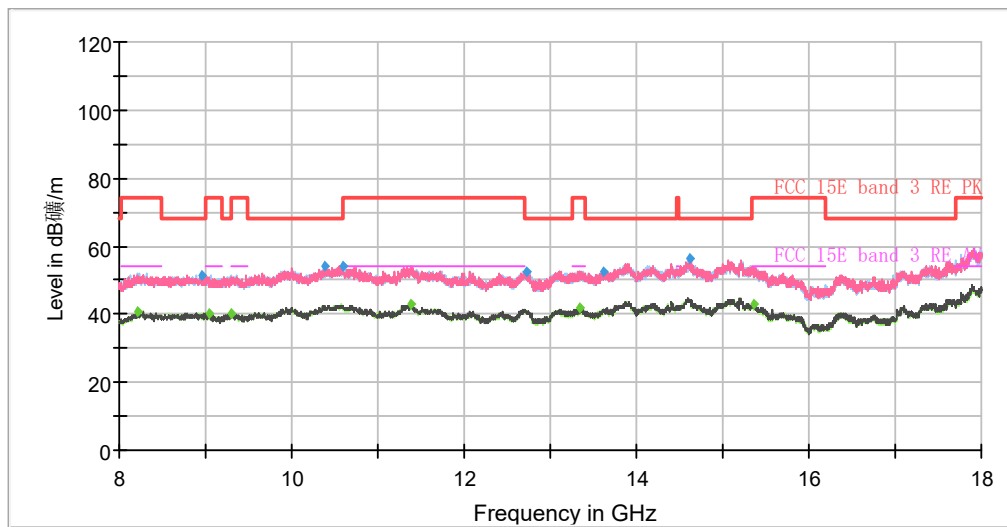
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11a CH157



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



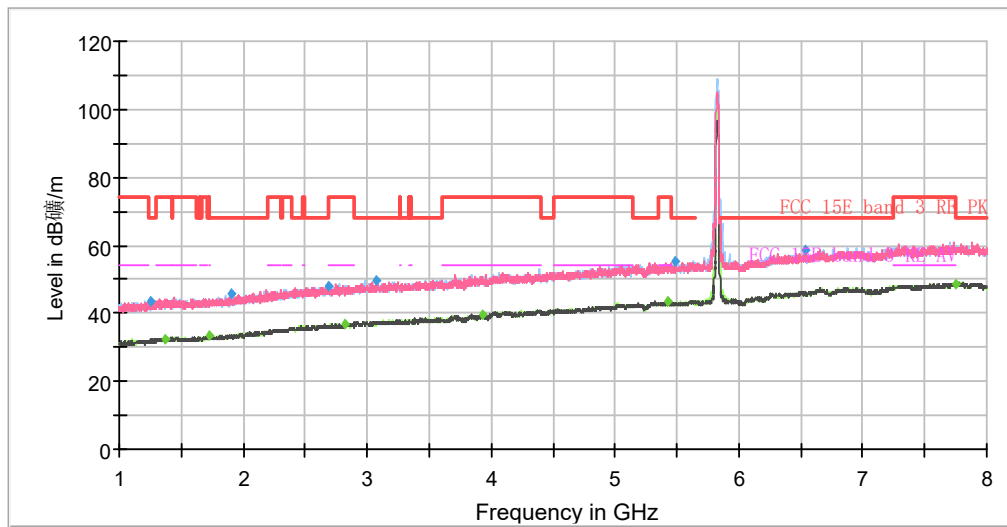
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1282.63         | 44.02                  | ---                    | 68.20                | 24.18       | 500.00          | 100.0       | H   | 2.00          | -2           |
| 1389.38         | ---                    | 32.78                  | 54.00                | 21.22       | 500.00          | 200.0       | H   | 277.00        | -1           |
| 1689.50         | ---                    | 33.17                  | 54.00                | 20.83       | 500.00          | 100.0       | V   | 297.00        | 0            |
| 1959.00         | 45.35                  | ---                    | 68.20                | 22.85       | 500.00          | 100.0       | H   | 0.00          | 1            |
| 2455.13         | 49.09                  | ---                    | 68.20                | 19.11       | 500.00          | 100.0       | V   | 212.00        | 3            |
| 2728.13         | ---                    | 36.73                  | 54.00                | 17.27       | 500.00          | 100.0       | H   | 2.00          | 4            |
| 3461.38         | 49.95                  | ---                    | 68.20                | 18.25       | 500.00          | 200.0       | V   | 252.00        | 5            |
| 3997.75         | ---                    | 39.97                  | 54.00                | 14.04       | 500.00          | 100.0       | H   | 20.00         | 6            |
| 5435.38         | ---                    | 43.31                  | 54.00                | 10.69       | 500.00          | 100.0       | H   | 233.00        | 11           |
| 5636.63         | 55.20                  | ---                    | 68.20                | 13.00       | 500.00          | 100.0       | H   | 2.00          | 11           |
| 7737.50         | ---                    | 48.70                  | 54.00                | 5.30        | 500.00          | 200.0       | H   | 346.00        | 17           |
| 7755.88         | 60.12                  | ---                    | 68.20                | 8.08        | 500.00          | 200.0       | V   | 0.00          | 17           |

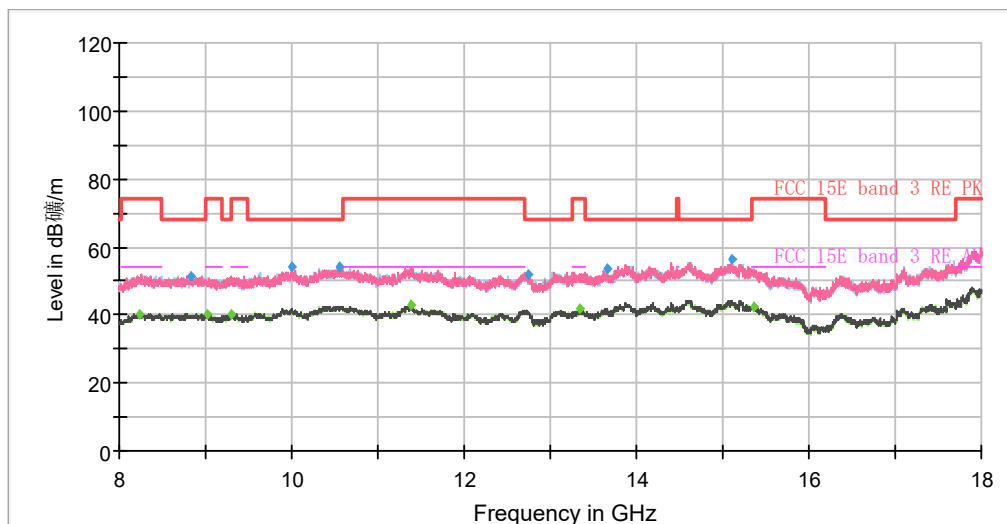
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11a CH165



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



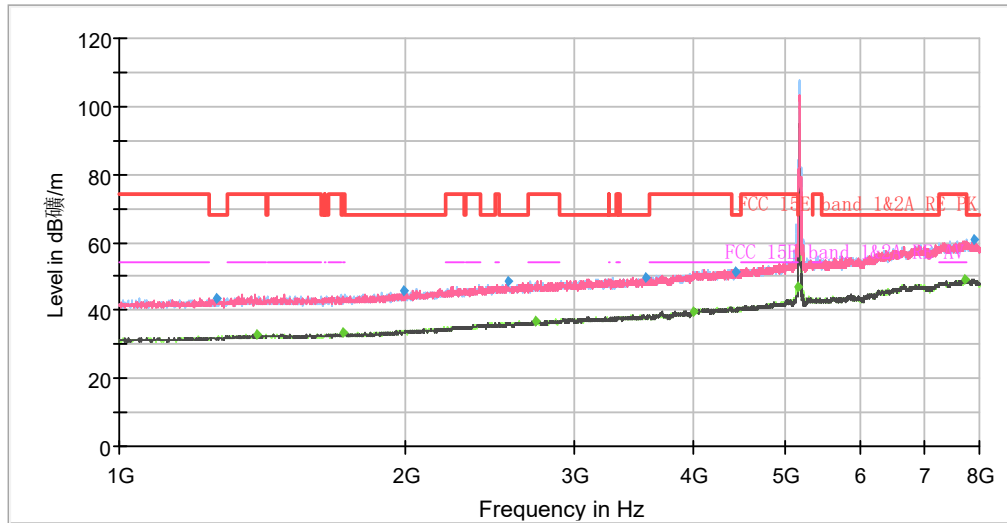
## Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1255.50         | 43.68                  | ---                    | 68.20                | 24.52       | 500.00          | 200.0       | H   | 359.00        | -2           |
| 1375.38         | ---                    | 32.65                  | 54.00                | 21.35       | 500.00          | 200.0       | H   | 162.00        | -1           |
| 1721.88         | ---                    | 33.24                  | 54.00                | 20.76       | 500.00          | 200.0       | H   | 328.00        | 0            |
| 1904.75         | 45.97                  | ---                    | 68.20                | 22.23       | 500.00          | 200.0       | H   | 353.00        | 0            |
| 2684.38         | 47.84                  | ---                    | 68.20                | 20.36       | 500.00          | 100.0       | H   | 1.00          | 4            |
| 2827.00         | ---                    | 36.78                  | 54.00                | 17.22       | 500.00          | 200.0       | V   | 40.00         | 4            |
| 3065.88         | 49.85                  | ---                    | 68.20                | 18.35       | 500.00          | 200.0       | H   | 334.00        | 5            |
| 3933.00         | ---                    | 39.72                  | 54.00                | 14.28       | 500.00          | 100.0       | V   | 234.00        | 6            |
| 5426.63         | ---                    | 43.36                  | 54.00                | 10.64       | 500.00          | 200.0       | H   | 334.00        | 11           |
| 5491.38         | 55.36                  | ---                    | 68.20                | 12.84       | 500.00          | 100.0       | H   | 321.00        | 11           |
| 6533.50         | 58.37                  | ---                    | 68.20                | 8.83        | 500.00          | 200.0       | V   | 7.00          | 11           |
| 7748.88         | ---                    | 48.79                  | 54.00                | 5.21        | 500.00          | 100.0       | H   | 39.00         | 17           |

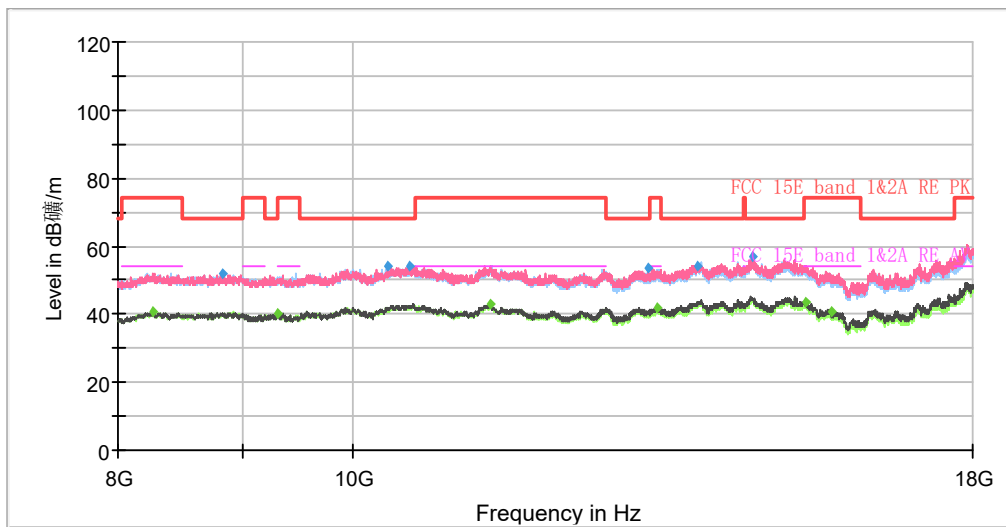
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH36



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



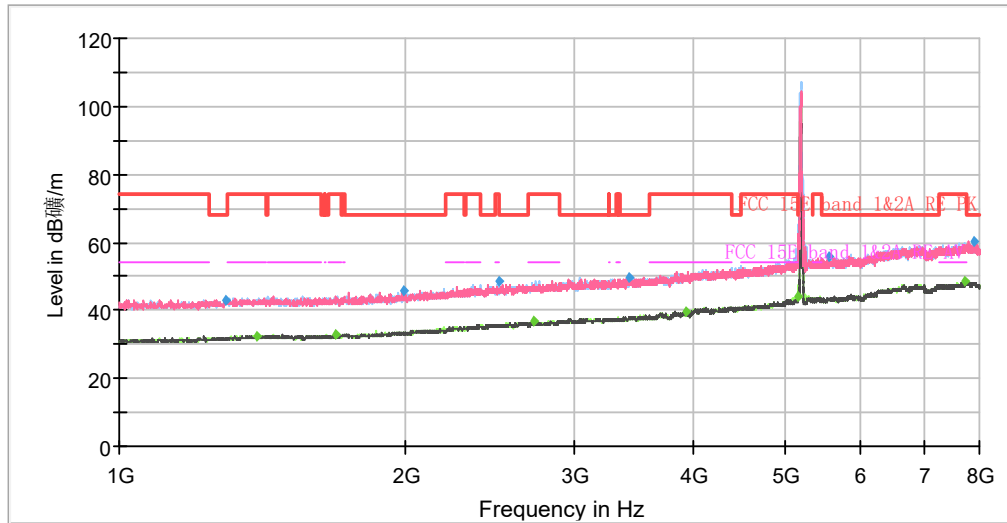
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1266.88         | 43.62                  | ---                    | 68.20                | 24.58       | 500.00          | 200.0       | H   | 351.00        | -2           |
| 1394.63         | ---                    | 33.07                  | 54.00                | 20.93       | 500.00          | 200.0       | H   | 74.00         | -1           |
| 1720.13         | ---                    | 33.31                  | 54.00                | 20.69       | 500.00          | 200.0       | H   | 359.00        | 0            |
| 1988.75         | 45.60                  | ---                    | 68.20                | 22.60       | 500.00          | 100.0       | H   | 116.00        | 1            |
| 2559.25         | 48.80                  | ---                    | 68.20                | 19.40       | 500.00          | 100.0       | V   | 141.00        | 4            |
| 2739.50         | ---                    | 36.97                  | 54.00                | 17.03       | 500.00          | 200.0       | H   | 216.00        | 4            |
| 3564.63         | 49.94                  | ---                    | 68.20                | 18.26       | 500.00          | 100.0       | V   | 352.00        | 5            |
| 3997.75         | ---                    | 39.79                  | 54.00                | 14.21       | 500.00          | 200.0       | V   | 10.00         | 6            |
| 4443.13         | 51.40                  | ---                    | 68.20                | 16.80       | 500.00          | 100.0       | H   | 190.00        | 10           |
| 5146.63         | ---                    | 47.05                  | 54.00                | 6.95        | 500.00          | 100.0       | H   | 190.00        | 10           |
| 7737.50         | ---                    | 48.86                  | 54.00                | 5.14        | 500.00          | 100.0       | V   | 121.00        | 17           |
| 7890.63         | 60.83                  | ---                    | 68.20                | 7.37        | 500.00          | 200.0       | H   | 291.00        | 17           |

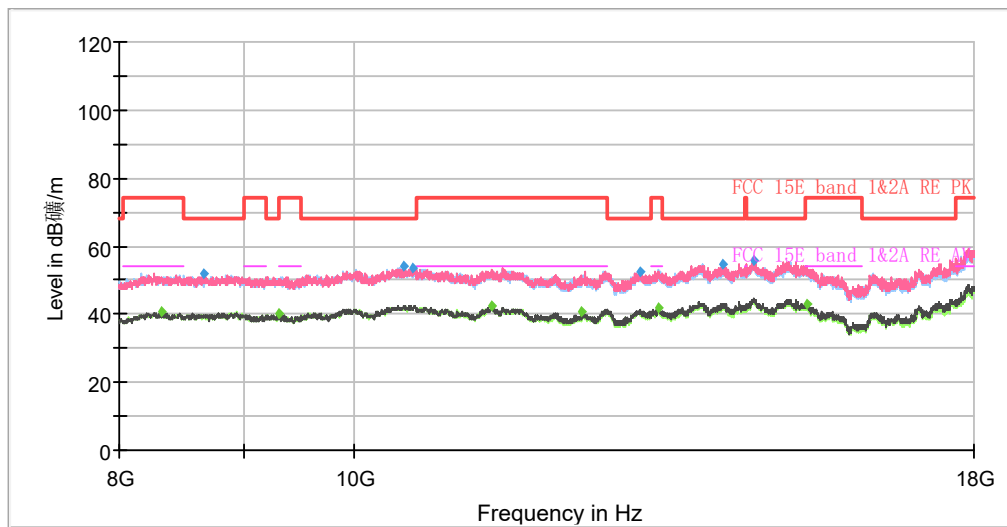
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT20) CH40



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



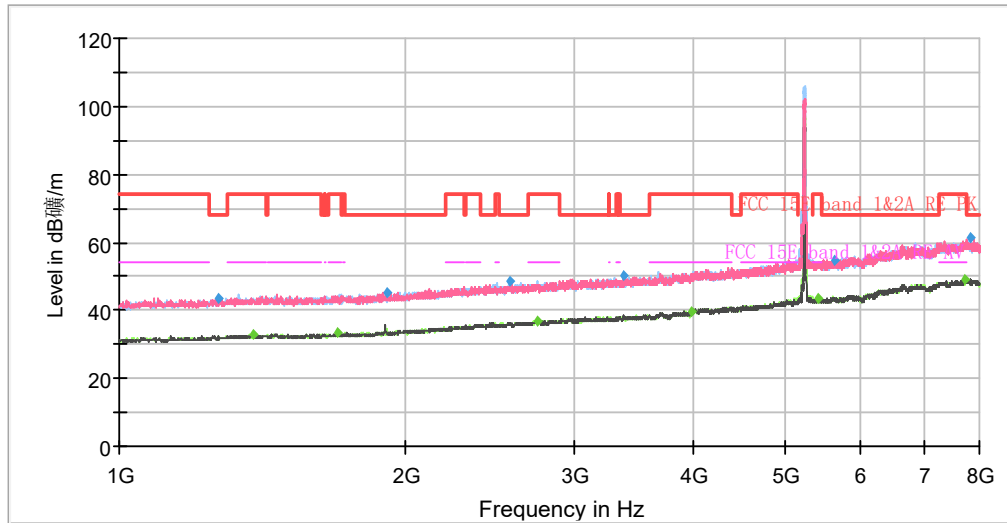
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1294.00         | 42.86                  | ---                    | 68.20                | 25.34       | 500.00          | 100.0       | H   | 189.00        | -2           |
| 1395.50         | ---                    | 32.40                  | 54.00                | 21.60       | 500.00          | 100.0       | V   | 114.00        | -1           |
| 1689.50         | ---                    | 32.90                  | 54.00                | 21.10       | 500.00          | 100.0       | V   | 137.00        | 0            |
| 1991.38         | 45.66                  | ---                    | 68.20                | 22.54       | 500.00          | 200.0       | V   | 0.00          | 1            |
| 2505.00         | 48.33                  | ---                    | 68.20                | 19.87       | 500.00          | 200.0       | H   | 40.00         | 3            |
| 2727.25         | ---                    | 36.57                  | 54.00                | 17.43       | 500.00          | 100.0       | H   | 88.00         | 4            |
| 3433.38         | 49.68                  | ---                    | 68.20                | 18.52       | 500.00          | 100.0       | V   | 226.00        | 5            |
| 3933.00         | ---                    | 39.63                  | 54.00                | 14.37       | 500.00          | 100.0       | H   | 262.00        | 6            |
| 5148.38         | ---                    | 44.22                  | 54.00                | 9.78        | 500.00          | 100.0       | H   | 189.00        | 10           |
| 5560.50         | 55.58                  | ---                    | 68.20                | 12.62       | 500.00          | 100.0       | V   | 0.00          | 11           |
| 7737.50         | ---                    | 48.53                  | 54.00                | 5.47        | 500.00          | 200.0       | V   | 307.00        | 17           |
| 7877.50         | 60.39                  | ---                    | 68.20                | 7.81        | 500.00          | 200.0       | V   | 293.00        | 17           |

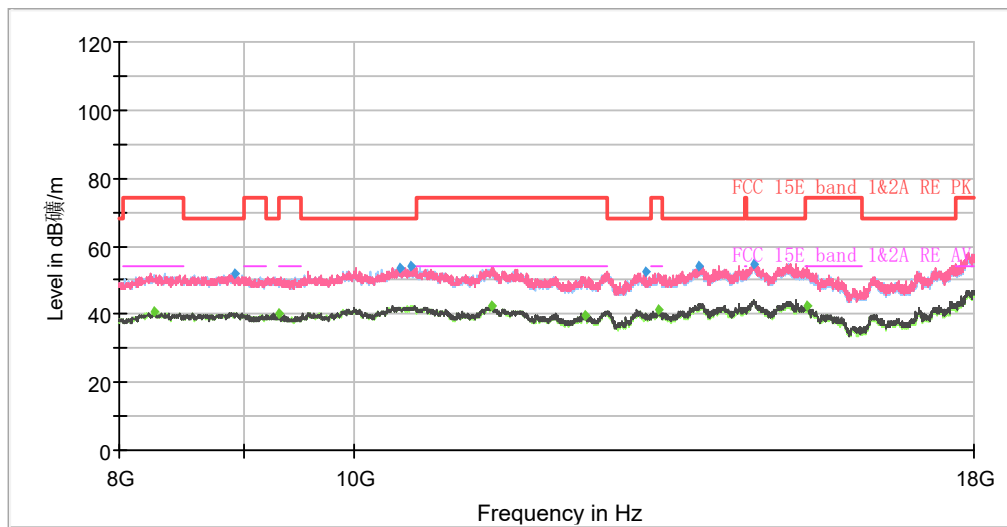
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT20) CH48



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



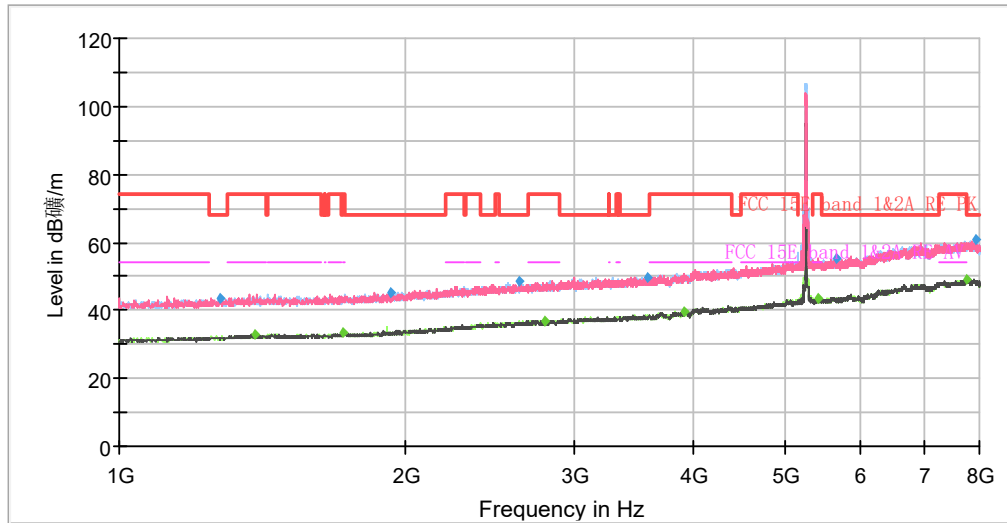
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1272.13         | 43.51                  | ---                    | 68.20                | 24.69       | 500.00          | 200.0       | H   | 195.00        | -2           |
| 1379.75         | ---                    | 33.03                  | 54.00                | 20.97       | 500.00          | 100.0       | V   | 224.00        | -1           |
| 1693.00         | ---                    | 33.21                  | 54.00                | 20.79       | 500.00          | 200.0       | V   | 8.00          | 0            |
| 1910.88         | 45.25                  | ---                    | 68.20                | 22.95       | 500.00          | 200.0       | V   | 287.00        | 0            |
| 2566.25         | 48.73                  | ---                    | 68.20                | 19.47       | 500.00          | 200.0       | H   | 296.00        | 4            |
| 2751.75         | ---                    | 36.76                  | 54.00                | 17.24       | 500.00          | 100.0       | H   | 127.00        | 4            |
| 3380.88         | 50.16                  | ---                    | 68.20                | 18.04       | 500.00          | 100.0       | V   | 230.00        | 5            |
| 3994.25         | ---                    | 39.65                  | 54.00                | 14.35       | 500.00          | 200.0       | H   | 202.00        | 6            |
| 5408.25         | ---                    | 43.53                  | 54.00                | 10.47       | 500.00          | 200.0       | H   | 356.00        | 11           |
| 5641.00         | 54.85                  | ---                    | 68.20                | 13.35       | 500.00          | 200.0       | V   | 47.00         | 11           |
| 7724.38         | ---                    | 48.92                  | 54.00                | 5.08        | 500.00          | 100.0       | V   | 344.00        | 17           |
| 7833.75         | 61.23                  | ---                    | 68.20                | 6.97        | 500.00          | 200.0       | H   | 315.00        | 17           |

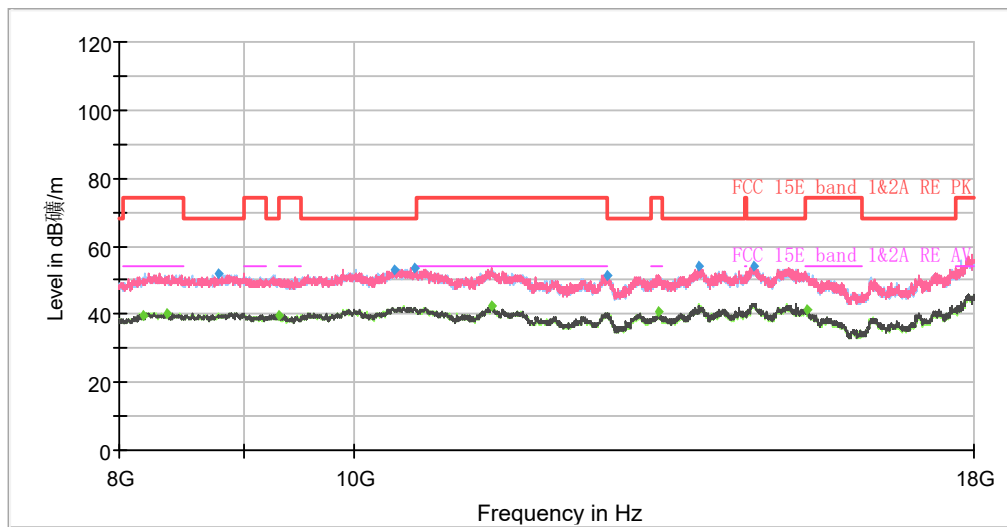
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH52



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



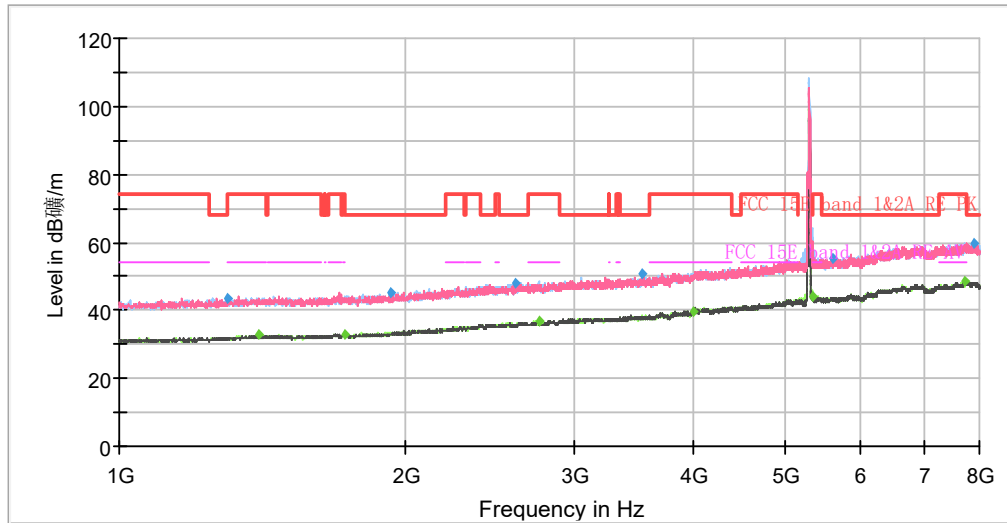
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1277.38         | 43.67                  | ---                    | 68.20                | 24.53       | 500.00          | 100.0       | V   | 194.00        | -2           |
| 1388.50         | ---                    | 32.84                  | 54.00                | 21.16       | 500.00          | 200.0       | H   | 0.00          | -1           |
| 1721.00         | ---                    | 33.21                  | 54.00                | 20.79       | 500.00          | 200.0       | V   | 230.00        | 0            |
| 1927.50         | 45.27                  | ---                    | 68.20                | 22.93       | 500.00          | 100.0       | V   | 359.00        | 0            |
| 2633.63         | 48.72                  | ---                    | 68.20                | 19.48       | 500.00          | 200.0       | V   | 154.00        | 4            |
| 2803.38         | ---                    | 37.04                  | 54.00                | 16.96       | 500.00          | 100.0       | V   | 357.00        | 4            |
| 3581.25         | 49.89                  | ---                    | 68.20                | 18.31       | 500.00          | 100.0       | H   | 252.00        | 5            |
| 3922.50         | ---                    | 39.76                  | 54.00                | 14.24       | 500.00          | 100.0       | H   | 0.00          | 6            |
| 5416.13         | ---                    | 43.57                  | 54.00                | 10.43       | 500.00          | 200.0       | V   | 160.00        | 11           |
| 5655.88         | 55.04                  | ---                    | 68.20                | 13.16       | 500.00          | 200.0       | H   | 347.00        | 11           |
| 7748.88         | ---                    | 48.97                  | 54.00                | 5.03        | 500.00          | 100.0       | H   | 4.00          | 17           |
| 7928.25         | 60.92                  | ---                    | 68.20                | 7.28        | 500.00          | 200.0       | H   | 354.00        | 17           |

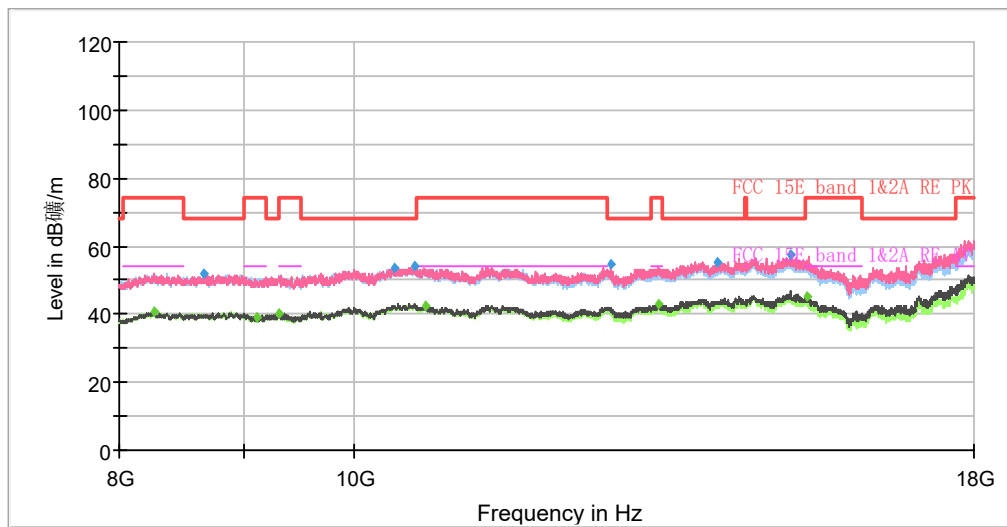
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT20) CH60



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



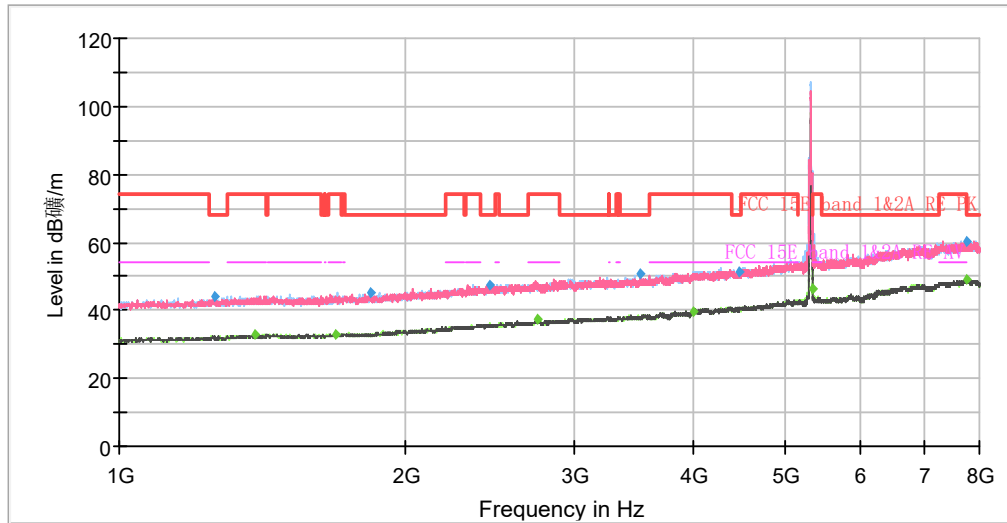
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1296.63         | 43.62                  | ---                    | 68.20                | 24.58       | 500.00          | 100.0       | H   | 357.00        | -2           |
| 1398.13         | ---                    | 32.69                  | 54.00                | 21.31       | 500.00          | 100.0       | H   | 298.00        | -1           |
| 1721.88         | ---                    | 32.97                  | 54.00                | 21.03       | 500.00          | 100.0       | V   | 4.00          | 0            |
| 1931.00         | 45.10                  | ---                    | 68.20                | 23.10       | 500.00          | 200.0       | H   | 218.00        | 0            |
| 2602.13         | 48.17                  | ---                    | 68.20                | 20.03       | 500.00          | 200.0       | V   | 338.00        | 3            |
| 2756.13         | ---                    | 36.68                  | 54.00                | 17.32       | 500.00          | 200.0       | V   | 272.00        | 4            |
| 3539.25         | 50.59                  | ---                    | 68.20                | 17.61       | 500.00          | 200.0       | V   | 292.00        | 5            |
| 3998.63         | ---                    | 39.57                  | 54.00                | 14.43       | 500.00          | 100.0       | V   | 204.00        | 6            |
| 5352.25         | ---                    | 44.05                  | 54.00                | 9.95        | 500.00          | 100.0       | H   | 317.00        | 11           |
| 5622.63         | 55.10                  | ---                    | 68.20                | 13.10       | 500.00          | 200.0       | H   | 18.00         | 11           |
| 7733.13         | ---                    | 48.34                  | 54.00                | 5.66        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7882.75         | 59.97                  | ---                    | 68.20                | 8.23        | 500.00          | 100.0       | V   | 49.00         | 17           |

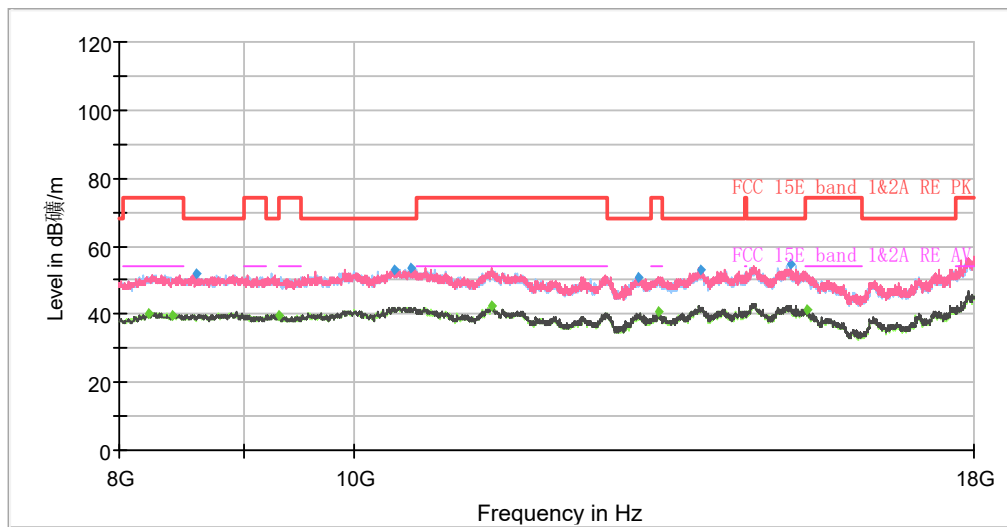
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT20) CH64



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



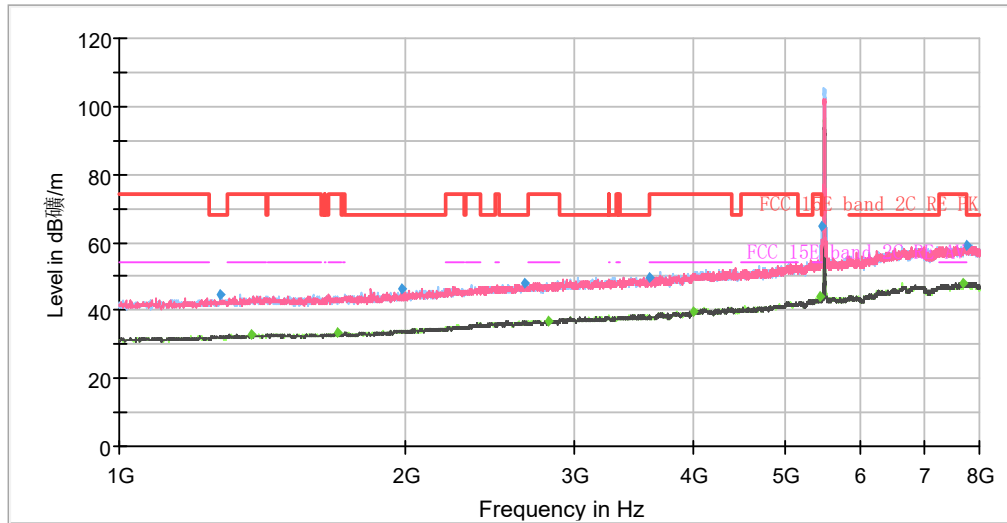
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1260.75         | 43.84                  | ---                    | 68.20                | 24.36       | 500.00          | 100.0       | V   | 183.00        | -2           |
| 1386.75         | ---                    | 32.72                  | 54.00                | 21.28       | 500.00          | 200.0       | H   | 233.00        | -1           |
| 1690.38         | ---                    | 33.14                  | 54.00                | 20.86       | 500.00          | 100.0       | H   | 92.00         | 0            |
| 1832.13         | 45.30                  | ---                    | 68.20                | 22.90       | 500.00          | 200.0       | V   | 70.00         | 0            |
| 2453.38         | 47.70                  | ---                    | 68.20                | 20.50       | 500.00          | 200.0       | V   | 1.00          | 3            |
| 2750.00         | ---                    | 37.12                  | 54.00                | 16.88       | 500.00          | 200.0       | H   | 294.00        | 4            |
| 3518.25         | 50.58                  | ---                    | 68.20                | 17.62       | 500.00          | 100.0       | V   | 60.00         | 5            |
| 3998.63         | ---                    | 39.72                  | 54.00                | 14.28       | 500.00          | 200.0       | H   | 219.00        | 6            |
| 4472.00         | 51.46                  | ---                    | 68.20                | 16.74       | 500.00          | 100.0       | H   | 183.00        | 11           |
| 5350.50         | ---                    | 46.09                  | 54.00                | 7.91        | 500.00          | 100.0       | H   | 183.00        | 11           |
| 7742.75         | ---                    | 49.09                  | 54.00                | 4.91        | 500.00          | 100.0       | V   | 197.00        | 17           |
| 7760.25         | 60.49                  | ---                    | 68.20                | 7.71        | 500.00          | 200.0       | V   | 70.00         | 17           |

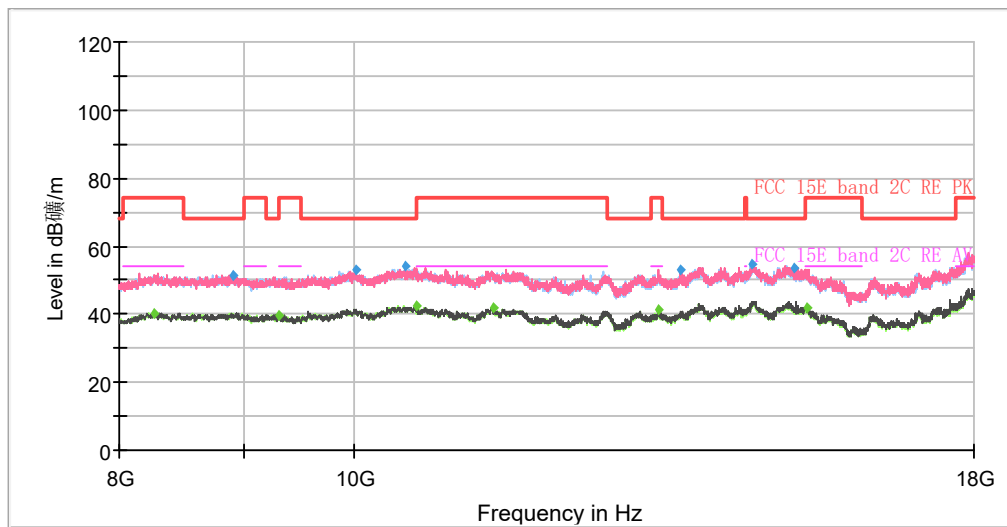
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT20) CH100



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



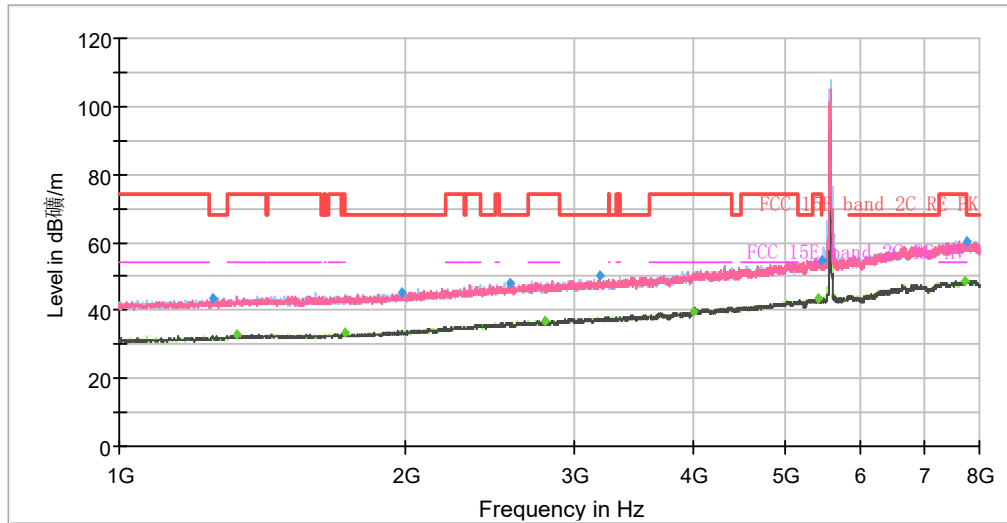
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1274.75         | 44.69                  | ---                    | 68.20                | 23.51       | 500.00          | 100.0       | H   | 290.00        | -2           |
| 1375.38         | ---                    | 32.92                  | 54.00                | 21.08       | 500.00          | 200.0       | V   | 6.00          | -1           |
| 1696.50         | ---                    | 33.25                  | 54.00                | 20.75       | 500.00          | 200.0       | H   | 0.00          | 0            |
| 1980.00         | 46.22                  | ---                    | 68.20                | 21.98       | 500.00          | 100.0       | V   | 79.00         | 1            |
| 2661.63         | 47.90                  | ---                    | 68.20                | 20.30       | 500.00          | 200.0       | H   | 301.00        | 4            |
| 2825.25         | ---                    | 37.07                  | 54.00                | 16.93       | 500.00          | 200.0       | V   | 17.00         | 4            |
| 3594.38         | 49.93                  | ---                    | 68.20                | 18.27       | 500.00          | 200.0       | V   | 216.00        | 5            |
| 3997.75         | ---                    | 39.61                  | 54.00                | 14.39       | 500.00          | 100.0       | H   | 0.00          | 6            |
| 5445.00         | ---                    | 43.96                  | 54.00                | 10.04       | 500.00          | 200.0       | H   | 166.00        | 11           |
| 5468.63         | 64.63                  | ---                    | 68.20                | 3.57        | 500.00          | 100.0       | H   | 179.00        | 11           |
| 7694.63         | ---                    | 48.13                  | 54.00                | 5.87        | 500.00          | 100.0       | V   | 67.00         | 17           |
| 7769.88         | 59.44                  | ---                    | 68.20                | 8.76        | 500.00          | 200.0       | V   | 0.00          | 17           |

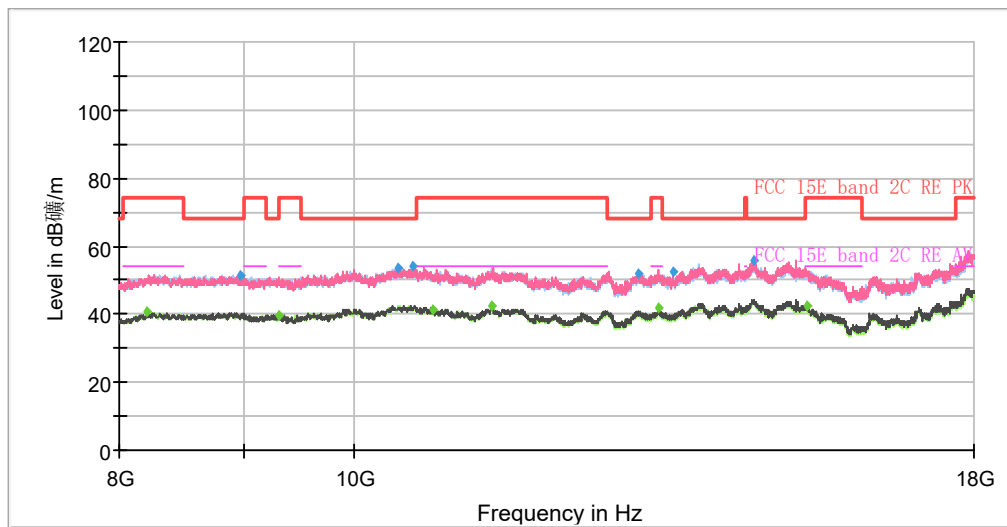
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH116



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



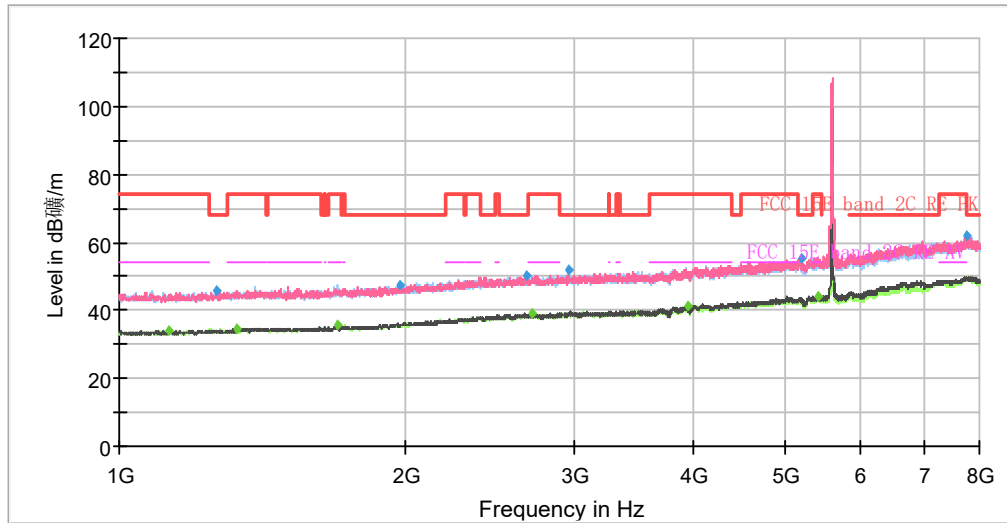
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1252.00         | 43.54                  | ---                    | 68.20                | 24.66       | 500.00          | 100.0       | H   | 168.00        | -2           |
| 1326.38         | ---                    | 32.91                  | 54.00                | 21.09       | 500.00          | 200.0       | V   | 8.00          | -1           |
| 1721.88         | ---                    | 33.38                  | 54.00                | 20.62       | 500.00          | 200.0       | H   | 352.00        | 0            |
| 1980.88         | 45.37                  | ---                    | 68.20                | 22.83       | 500.00          | 200.0       | H   | 356.00        | 1            |
| 2566.25         | 47.99                  | ---                    | 68.20                | 20.21       | 500.00          | 100.0       | V   | 359.00        | 4            |
| 2792.00         | ---                    | 36.96                  | 54.00                | 17.04       | 500.00          | 200.0       | V   | 43.00         | 4            |
| 3188.38         | 50.07                  | ---                    | 68.20                | 18.13       | 500.00          | 100.0       | H   | 58.00         | 5            |
| 3997.75         | ---                    | 39.75                  | 54.00                | 14.25       | 500.00          | 100.0       | V   | 324.00        | 6            |
| 5411.75         | ---                    | 43.70                  | 54.00                | 10.30       | 500.00          | 100.0       | H   | 6.00          | 11           |
| 5465.13         | 54.75                  | ---                    | 68.20                | 13.45       | 500.00          | 200.0       | V   | 4.00          | 11           |
| 7737.50         | ---                    | 48.75                  | 54.00                | 5.25        | 500.00          | 200.0       | V   | 216.00        | 17           |
| 7755.00         | 60.55                  | ---                    | 68.20                | 7.65        | 500.00          | 100.0       | H   | 58.00         | 17           |

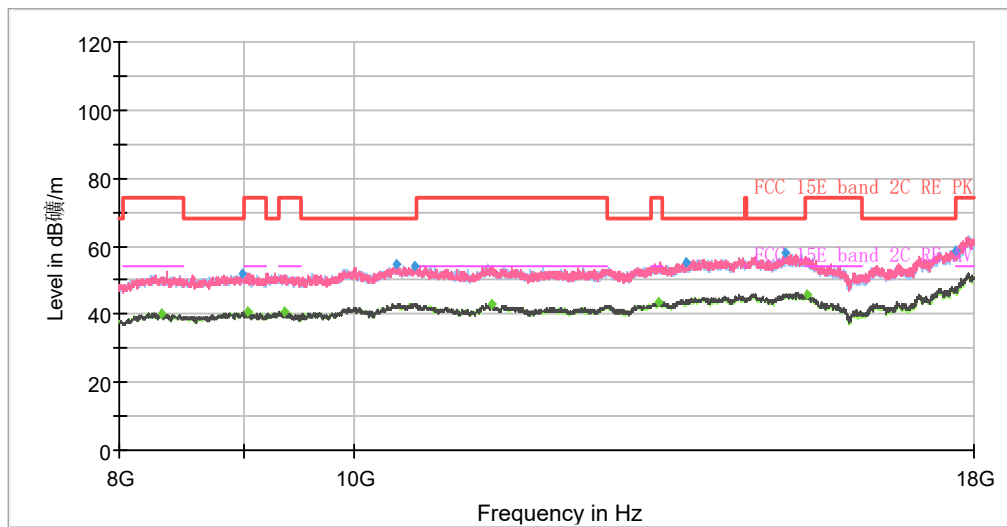
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT20) CH120



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



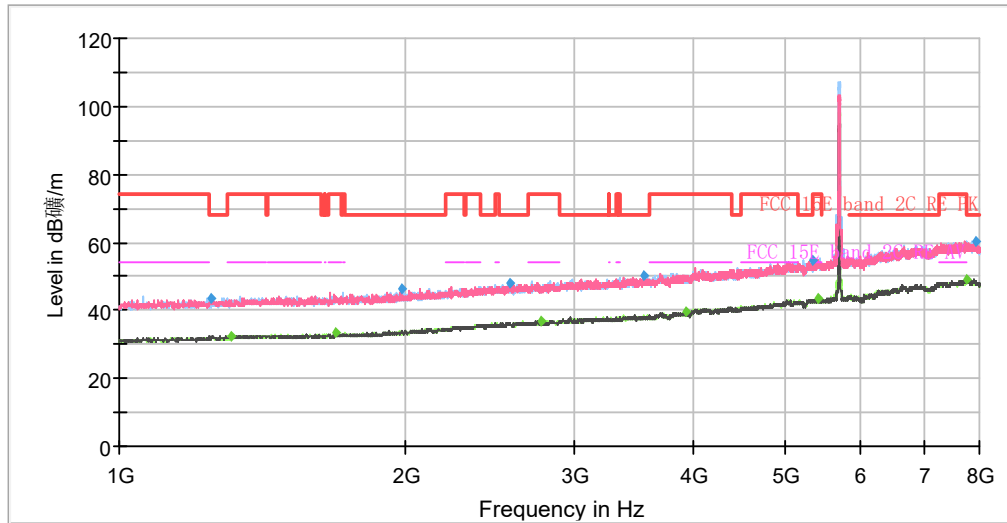
Radiates Emission from 8GHz to 18GHz

| Frequency<br>(MHz) | MaxPeak<br>(dB $\mu$ V/m) | Average<br>(dB $\mu$ V/m) | Limit<br>(dB $\mu$ V/m) | Margin<br>(dB) | Meas. Time<br>(ms) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------------|---------------------------|-------------------------|----------------|--------------------|----------------|-----|------------------|-----------------|
| 1129.50            | ---                       | 34.11                     | 54.00                   | 19.89          | 500.00             | 200.0          | V   | 253.00           | -11             |
| 1263.38            | 45.60                     | ---                       | 68.20                   | 22.60          | 500.00             | 200.0          | H   | 56.00            | -10             |
| 1327.25            | ---                       | 34.83                     | 54.00                   | 19.17          | 500.00             | 200.0          | V   | 0.00             | -10             |
| 1696.50            | ---                       | 35.55                     | 54.00                   | 18.45          | 500.00             | 200.0          | H   | 11.00            | -9              |
| 1972.13            | 47.30                     | ---                       | 68.20                   | 20.90          | 500.00             | 200.0          | V   | 277.00           | -8              |
| 2677.38            | 50.22                     | ---                       | 68.20                   | 17.98          | 500.00             | 200.0          | H   | 154.00           | -5              |
| 2709.75            | ---                       | 38.80                     | 54.00                   | 15.20          | 500.00             | 200.0          | H   | 349.00           | -5              |
| 2964.38            | 51.68                     | ---                       | 68.20                   | 16.52          | 500.00             | 200.0          | H   | 67.00            | -5              |
| 3947.00            | ---                       | 41.09                     | 54.00                   | 12.91          | 500.00             | 100.0          | V   | 8.00             | -2              |
| 5193.88            | 55.22                     | ---                       | 68.20                   | 12.98          | 500.00             | 100.0          | V   | 1.00             | 2               |
| 5408.25            | ---                       | 44.26                     | 54.00                   | 9.74           | 500.00             | 100.0          | V   | 4.00             | 3               |
| 7761.13            | 61.84                     | ---                       | 68.20                   | 6.36           | 500.00             | 100.0          | V   | 4.00             | 9               |

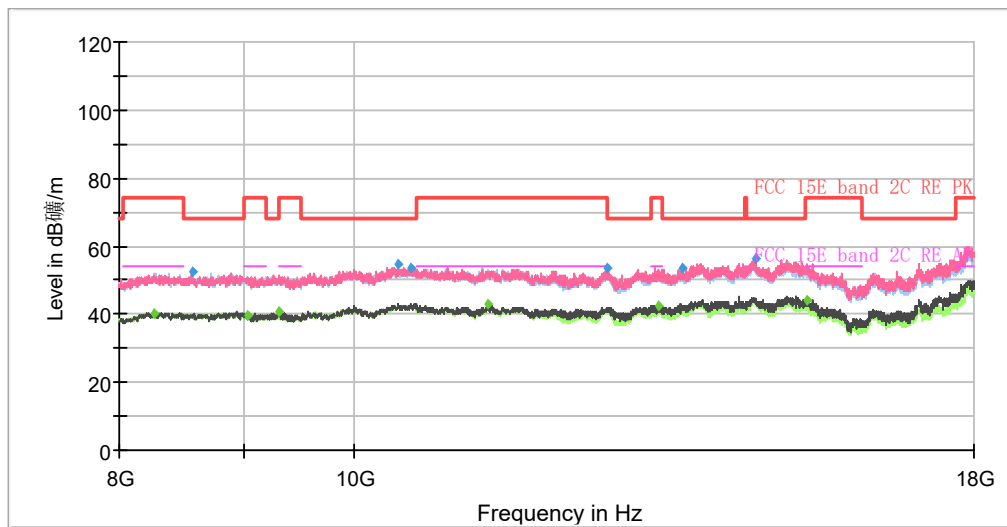
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11n (HT20) CH140



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



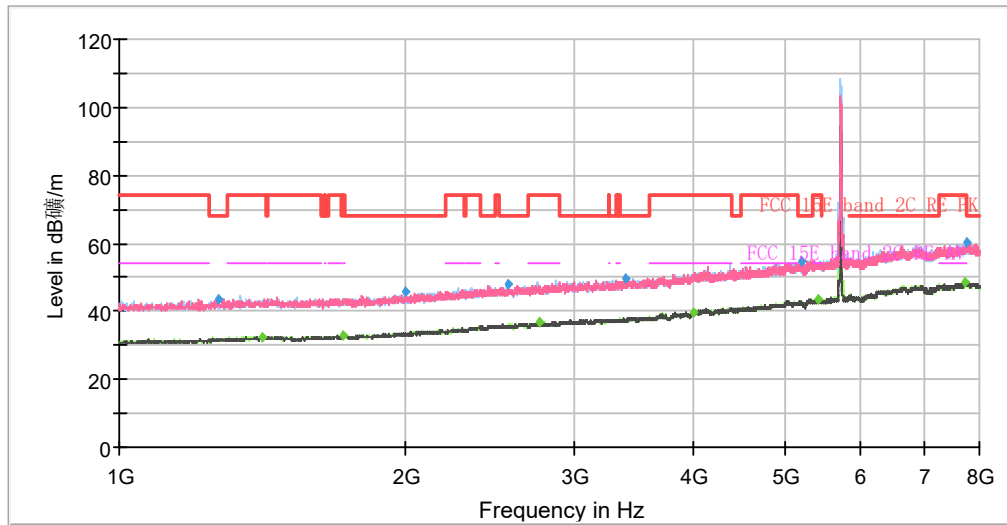
Radiates Emission from 8GHz to 18GHz

| 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         | 43.75                  | ---                    | 68.20                | 24.45       | 500.00          | 100.0       | V   | 335.00        | -2           |
| 1310.63         | ---                    | 32.63                  | 54.00                | 21.37       | 500.00          | 200.0       | V   | 98.00         | -1           |
| 1685.13         | ---                    | 33.23                  | 54.00                | 20.77       | 500.00          | 100.0       | H   | 122.00        | 0            |
| 1975.63         | 46.12                  | ---                    | 68.20                | 22.08       | 500.00          | 100.0       | V   | 0.00          | 1            |
| 2570.63         | 48.02                  | ---                    | 68.20                | 20.18       | 500.00          | 200.0       | H   | 359.00        | 3            |
| 2767.50         | ---                    | 36.80                  | 54.00                | 17.20       | 500.00          | 100.0       | V   | 181.00        | 4            |
| 3557.63         | 50.20                  | ---                    | 68.20                | 18.00       | 500.00          | 200.0       | V   | 359.00        | 5            |
| 3929.50         | ---                    | 39.84                  | 54.00                | 14.16       | 500.00          | 100.0       | H   | 4.00          | 6            |
| 5343.50         | 54.97                  | ---                    | 68.20                | 13.23       | 500.00          | 200.0       | H   | 327.00        | 11           |
| 5422.25         | ---                    | 43.47                  | 54.00                | 10.53       | 500.00          | 200.0       | V   | 339.00        | 11           |
| 7738.38         | ---                    | 48.89                  | 54.00                | 5.11        | 500.00          | 100.0       | H   | 12.00         | 17           |
| 7928.25         | 60.31                  | ---                    | 68.20                | 7.89        | 500.00          | 100.0       | H   | 0.00          | 17           |

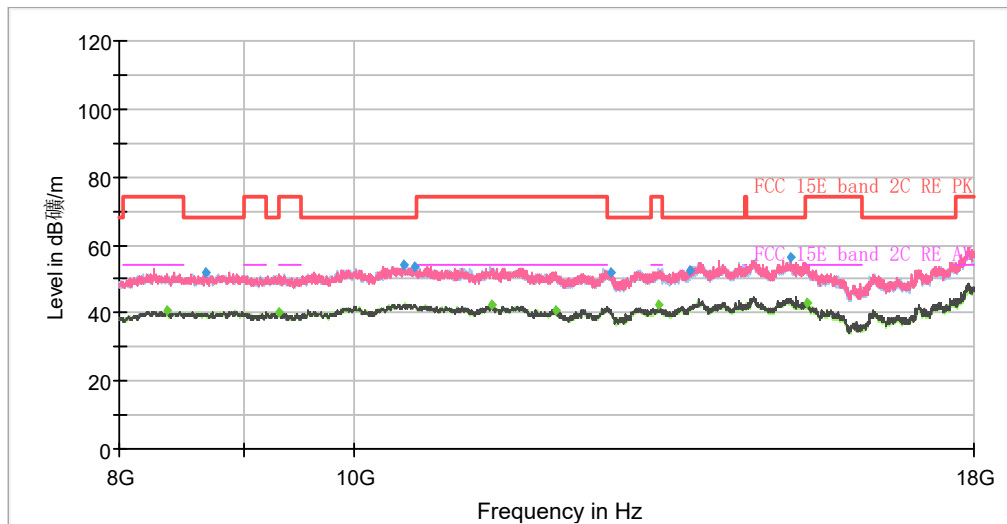
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH144



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



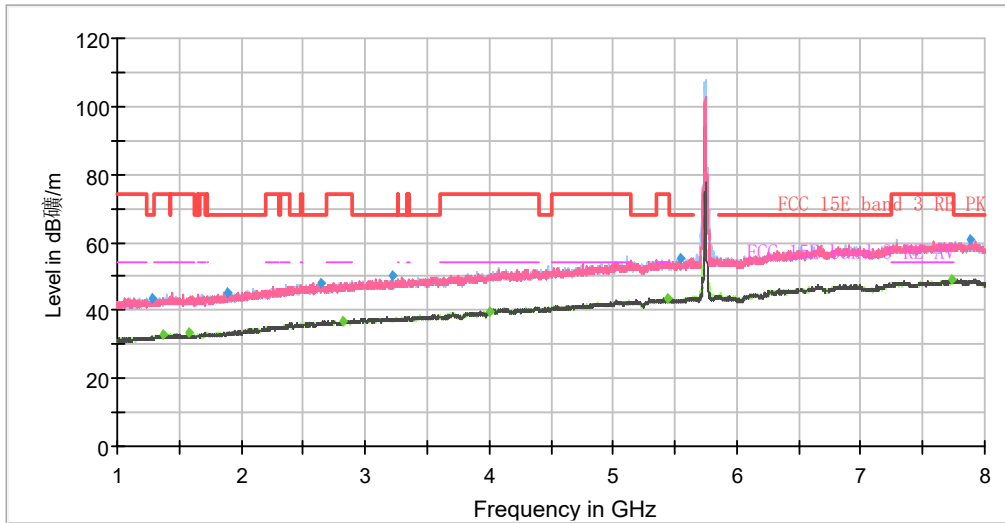
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1267.75         | 43.36                  | ---                    | 68.20                | 24.84       | 500.00          | 200.0       | V   | 203.00        | -2           |
| 1412.13         | ---                    | 32.44                  | 54.00                | 21.56       | 500.00          | 100.0       | H   | 286.00        | -1           |
| 1721.00         | ---                    | 32.81                  | 54.00                | 21.19       | 500.00          | 200.0       | V   | 342.00        | 0            |
| 1994.00         | 45.50                  | ---                    | 68.20                | 22.70       | 500.00          | 200.0       | V   | 353.00        | 1            |
| 2560.13         | 47.81                  | ---                    | 68.20                | 20.39       | 500.00          | 200.0       | H   | 266.00        | 4            |
| 2759.63         | ---                    | 36.69                  | 54.00                | 17.31       | 500.00          | 100.0       | V   | 217.00        | 4            |
| 3406.25         | 49.76                  | ---                    | 68.20                | 18.44       | 500.00          | 200.0       | V   | 329.00        | 5            |
| 3999.50         | ---                    | 39.77                  | 54.00                | 14.23       | 500.00          | 100.0       | H   | 20.00         | 6            |
| 5201.75         | 54.56                  | ---                    | 68.20                | 13.64       | 500.00          | 200.0       | H   | 46.00         | 10           |
| 5409.13         | ---                    | 43.63                  | 54.00                | 10.37       | 500.00          | 200.0       | V   | 180.00        | 11           |
| 7717.38         | ---                    | 48.60                  | 54.00                | 5.40        | 500.00          | 100.0       | V   | 217.00        | 17           |
| 7758.50         | 60.01                  | ---                    | 68.20                | 8.19        | 500.00          | 200.0       | V   | 356.00        | 17           |

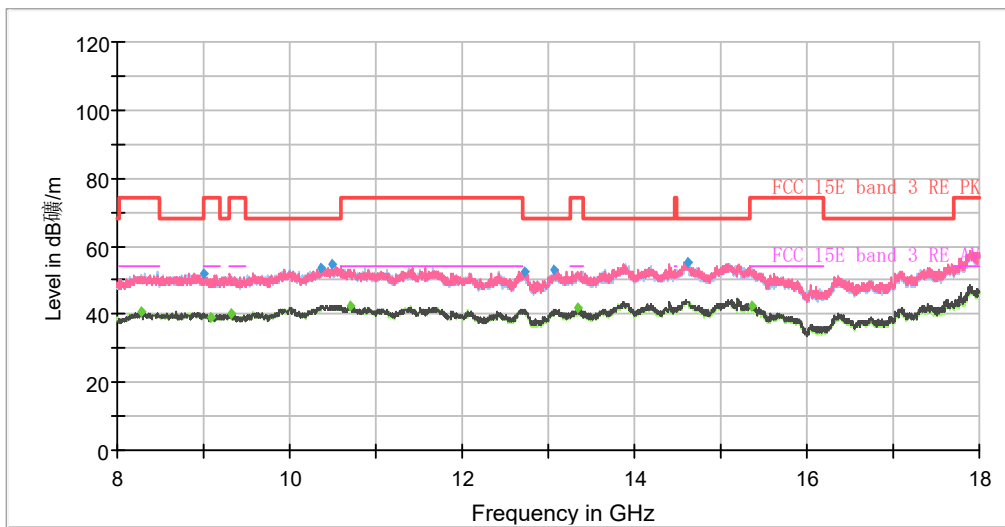
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11n (HT20) CH149



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



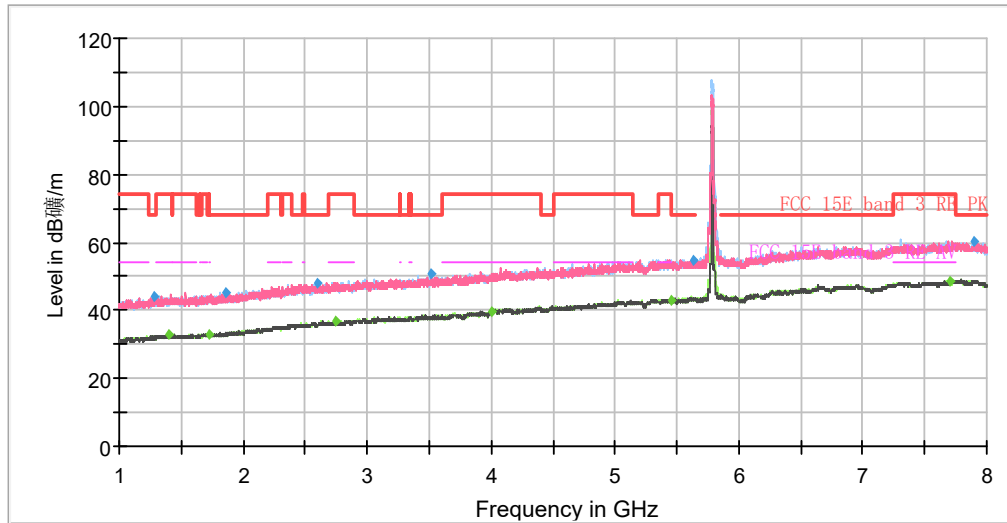
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1280.88         | 43.33                  | ---                    | 68.20                | 24.87       | 500.00          | 100.0       | V   | 333.00        | -2           |
| 1374.50         | ---                    | 32.93                  | 54.00                | 21.07       | 500.00          | 100.0       | H   | 136.00        | -1           |
| 1571.38         | ---                    | 33.25                  | 54.00                | 20.75       | 500.00          | 100.0       | V   | 340.00        | -1           |
| 1890.75         | 45.28                  | ---                    | 68.20                | 22.92       | 500.00          | 200.0       | H   | 353.00        | 0            |
| 2647.63         | 47.78                  | ---                    | 68.20                | 20.42       | 500.00          | 100.0       | V   | 352.00        | 4            |
| 2826.13         | ---                    | 36.80                  | 54.00                | 17.20       | 500.00          | 100.0       | V   | 179.00        | 4            |
| 3217.25         | 50.28                  | ---                    | 68.20                | 17.92       | 500.00          | 100.0       | V   | 48.00         | 5            |
| 3999.50         | ---                    | 39.86                  | 54.00                | 14.14       | 500.00          | 100.0       | V   | 300.00        | 6            |
| 5435.38         | ---                    | 43.63                  | 54.00                | 10.37       | 500.00          | 200.0       | H   | 224.00        | 11           |
| 5548.25         | 55.39                  | ---                    | 68.20                | 12.81       | 500.00          | 200.0       | H   | 346.00        | 11           |
| 7732.25         | ---                    | 48.88                  | 54.00                | 5.12        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7888.00         | 60.85                  | ---                    | 68.20                | 7.35        | 500.00          | 200.0       | H   | 341.00        | 17           |

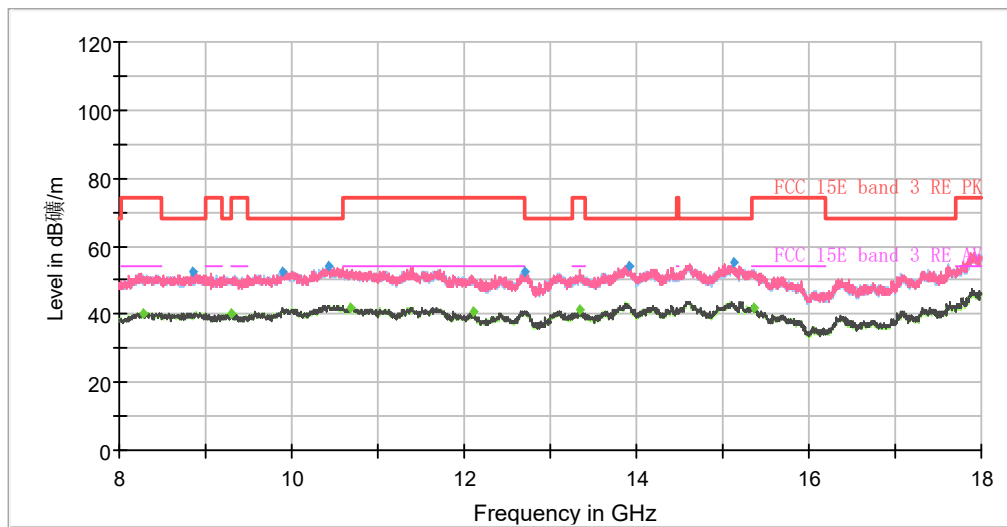
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH157



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



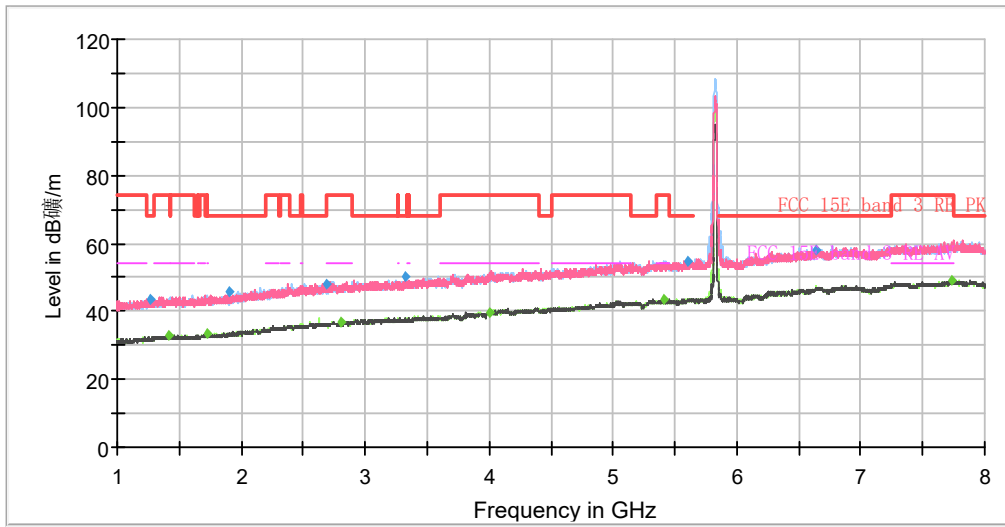
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1276.50         | 44.28                  | ---                    | 68.20                | 23.92       | 500.00          | 200.0       | V   | 5.00          | -2           |
| 1402.50         | ---                    | 32.97                  | 54.00                | 21.03       | 500.00          | 100.0       | H   | 2.00          | -1           |
| 1721.00         | ---                    | 33.03                  | 54.00                | 20.97       | 500.00          | 100.0       | H   | 6.00          | 0            |
| 1861.00         | 45.48                  | ---                    | 68.20                | 22.72       | 500.00          | 100.0       | H   | 81.00         | 0            |
| 2595.13         | 47.86                  | ---                    | 68.20                | 20.34       | 500.00          | 100.0       | H   | 190.00        | 3            |
| 2748.25         | ---                    | 36.81                  | 54.00                | 17.19       | 500.00          | 100.0       | H   | 90.00         | 4            |
| 3522.63         | 50.78                  | ---                    | 68.20                | 17.42       | 500.00          | 100.0       | V   | 296.00        | 5            |
| 3999.50         | ---                    | 39.59                  | 54.00                | 14.41       | 500.00          | 200.0       | H   | 118.00        | 6            |
| 5447.63         | ---                    | 43.23                  | 54.00                | 10.77       | 500.00          | 200.0       | H   | 350.00        | 11           |
| 5634.00         | 54.88                  | ---                    | 68.20                | 13.32       | 500.00          | 200.0       | H   | 346.00        | 11           |
| 7708.63         | ---                    | 48.65                  | 54.00                | 5.35        | 500.00          | 100.0       | H   | 99.00         | 17           |
| 7903.75         | 60.16                  | ---                    | 68.20                | 8.04        | 500.00          | 100.0       | H   | 244.00        | 17           |

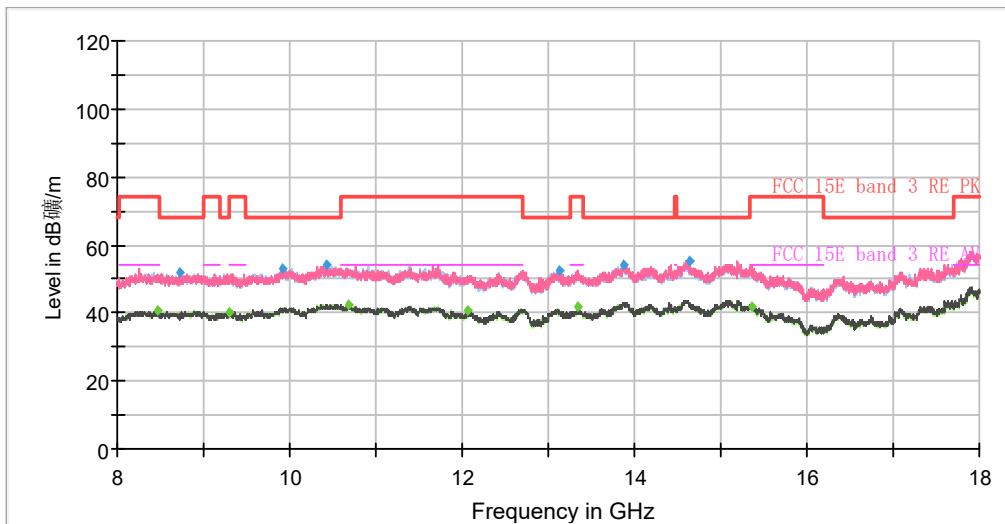
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT20) CH165



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



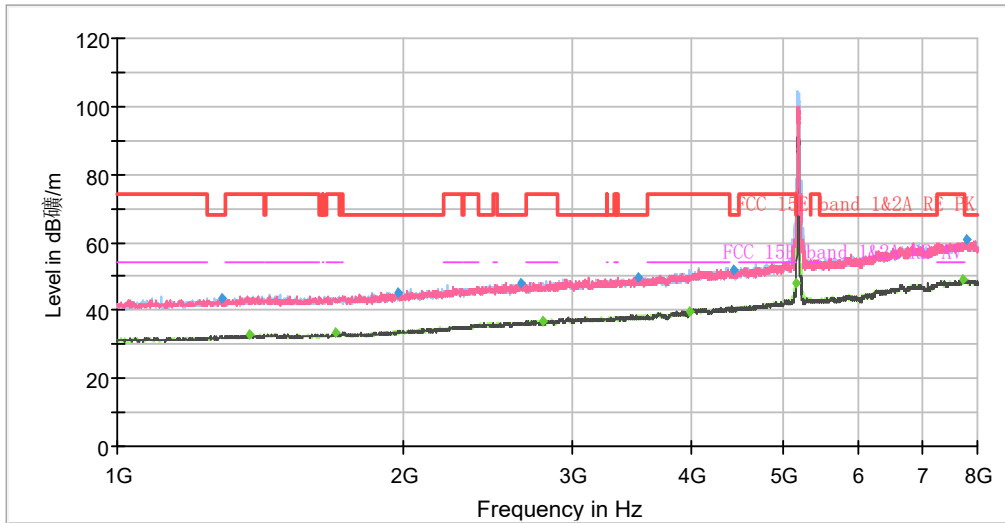
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1268.63         | 43.53                  | ---                    | 68.20                | 24.67       | 500.00          | 100.0       | V   | 314.00        | -2           |
| 1410.38         | ---                    | 32.69                  | 54.00                | 21.31       | 500.00          | 200.0       | V   | 0.00          | -1           |
| 1721.00         | ---                    | 33.42                  | 54.00                | 20.58       | 500.00          | 200.0       | V   | 103.00        | 0            |
| 1901.25         | 45.66                  | ---                    | 68.20                | 22.54       | 500.00          | 100.0       | H   | 41.00         | 0            |
| 2683.50         | 48.22                  | ---                    | 68.20                | 19.98       | 500.00          | 100.0       | V   | 96.00         | 4            |
| 2798.13         | ---                    | 36.79                  | 54.00                | 17.21       | 500.00          | 200.0       | H   | 0.00          | 4            |
| 3322.25         | 50.13                  | ---                    | 68.20                | 18.07       | 500.00          | 100.0       | V   | 0.00          | 5            |
| 3998.63         | ---                    | 39.72                  | 54.00                | 14.28       | 500.00          | 200.0       | V   | 0.00          | 6            |
| 5414.38         | ---                    | 43.39                  | 54.00                | 10.61       | 500.00          | 200.0       | H   | 206.00        | 11           |
| 5606.00         | 54.96                  | ---                    | 68.20                | 13.24       | 500.00          | 200.0       | H   | 314.00        | 11           |
| 6642.00         | 58.31                  | ---                    | 68.20                | 9.89        | 500.00          | 200.0       | V   | 0.00          | 12           |
| 7739.25         | ---                    | 48.94                  | 54.00                | 5.06        | 500.00          | 100.0       | V   | 322.00        | 17           |

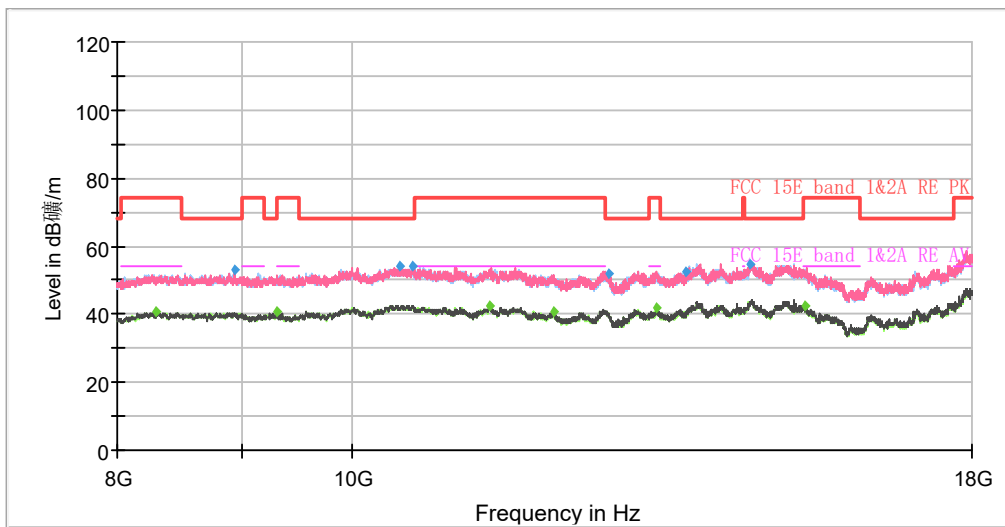
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH38



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



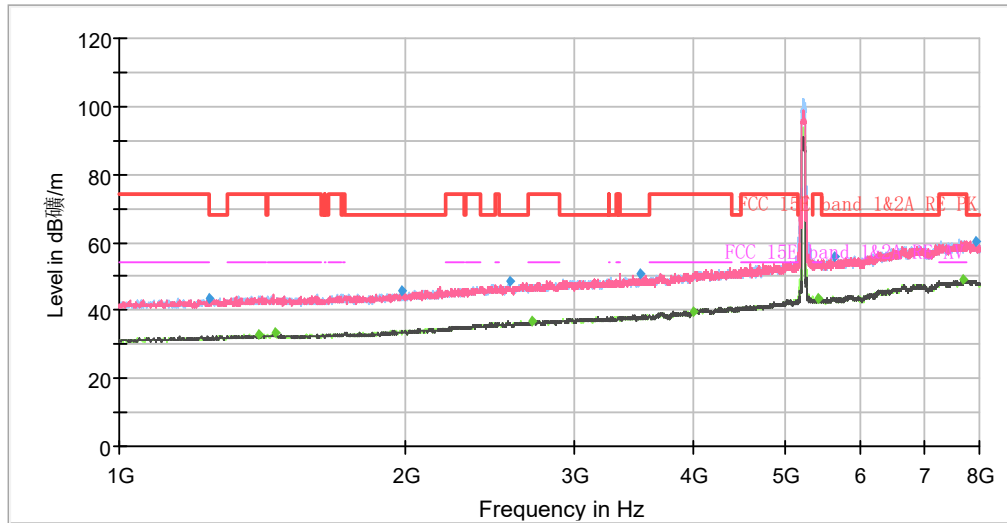
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1285.25         | 43.53                  | ---                    | 68.20                | 24.67       | 500.00          | 100.0       | H   | 2.00          | -2           |
| 1375.38         | ---                    | 32.81                  | 54.00                | 21.19       | 500.00          | 200.0       | H   | 232.00        | -1           |
| 1693.88         | ---                    | 33.23                  | 54.00                | 20.77       | 500.00          | 200.0       | V   | 158.00        | 0            |
| 1973.00         | 45.48                  | ---                    | 68.20                | 22.72       | 500.00          | 100.0       | H   | 342.00        | 1            |
| 2658.13         | 48.18                  | ---                    | 68.20                | 20.02       | 500.00          | 100.0       | H   | 62.00         | 4            |
| 2802.50         | ---                    | 36.92                  | 54.00                | 17.08       | 500.00          | 100.0       | V   | 270.00        | 4            |
| 3520.88         | 49.68                  | ---                    | 68.20                | 18.52       | 500.00          | 200.0       | H   | 260.00        | 5            |
| 3996.88         | ---                    | 39.71                  | 54.00                | 14.29       | 500.00          | 100.0       | V   | 359.00        | 6            |
| 4444.88         | 51.82                  | ---                    | 68.20                | 16.38       | 500.00          | 200.0       | H   | 103.00        | 7            |
| 5146.63         | ---                    | 47.74                  | 54.00                | 6.26        | 500.00          | 100.0       | H   | 185.00        | 10           |
| 7724.38         | ---                    | 48.97                  | 54.00                | 5.03        | 500.00          | 200.0       | V   | 4.00          | 17           |
| 7792.63         | 60.88                  | ---                    | 68.20                | 7.32        | 500.00          | 100.0       | V   | 116.00        | 17           |

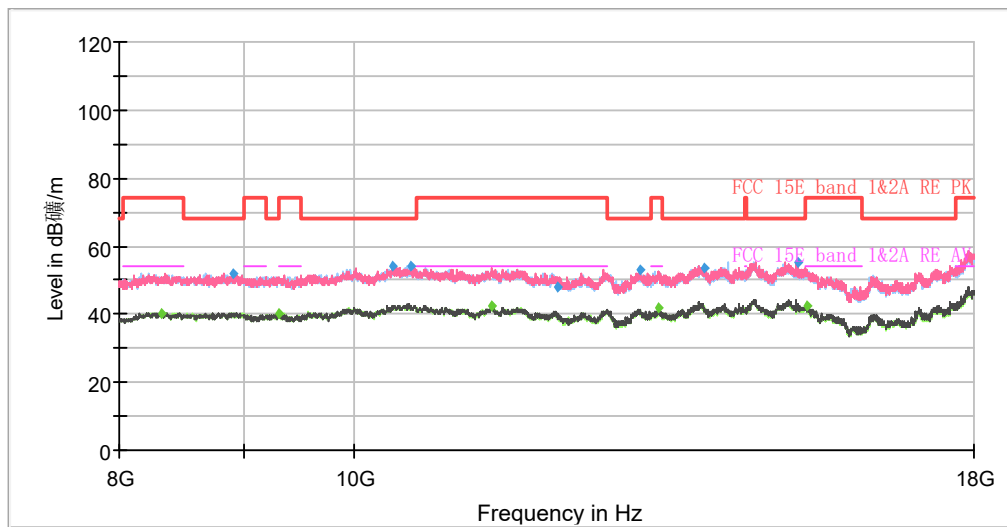
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT40) CH46



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



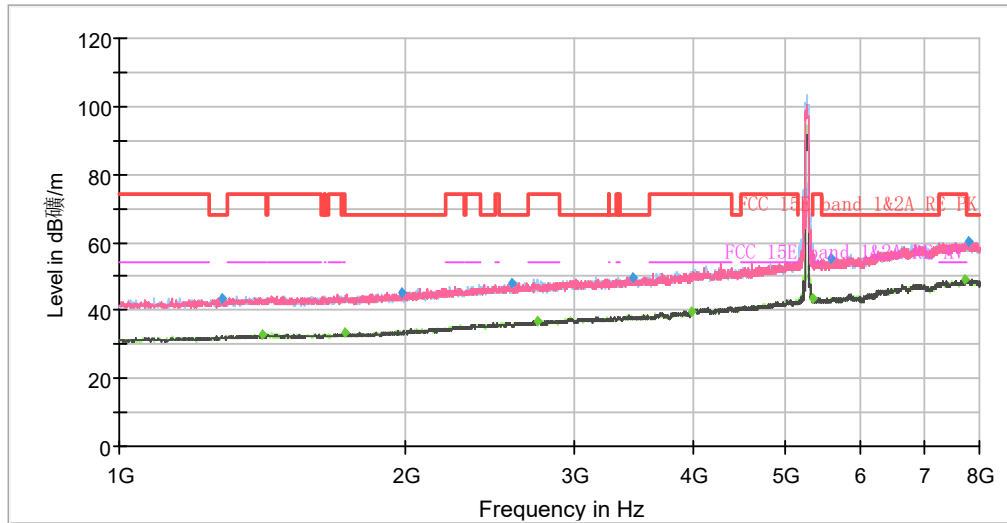
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1245.00         | 43.32                  | ---                    | 68.20                | 24.88       | 500.00          | 200.0       | V   | 108.00        | -2           |
| 1399.88         | ---                    | 32.80                  | 54.00                | 21.20       | 500.00          | 100.0       | V   | 164.00        | -1           |
| 1455.00         | ---                    | 33.28                  | 54.00                | 20.72       | 500.00          | 100.0       | H   | 340.00        | -1           |
| 1980.00         | 45.79                  | ---                    | 68.20                | 22.41       | 500.00          | 200.0       | V   | 1.00          | 1            |
| 2571.50         | 48.33                  | ---                    | 68.20                | 19.87       | 500.00          | 200.0       | H   | 284.00        | 3            |
| 2707.13         | ---                    | 37.08                  | 54.00                | 16.92       | 500.00          | 100.0       | V   | 357.00        | 4            |
| 3525.25         | 50.58                  | ---                    | 68.20                | 17.62       | 500.00          | 100.0       | V   | 156.00        | 5            |
| 3999.50         | ---                    | 39.70                  | 54.00                | 14.30       | 500.00          | 100.0       | H   | 123.00        | 6            |
| 5421.38         | ---                    | 43.59                  | 54.00                | 10.41       | 500.00          | 200.0       | H   | 204.00        | 11           |
| 5633.13         | 55.96                  | ---                    | 68.20                | 12.24       | 500.00          | 100.0       | V   | 356.00        | 11           |
| 7678.00         | ---                    | 48.95                  | 54.00                | 5.05        | 500.00          | 100.0       | V   | 265.00        | 17           |
| 7942.25         | 60.26                  | ---                    | 68.20                | 7.94        | 500.00          | 100.0       | V   | 353.00        | 17           |

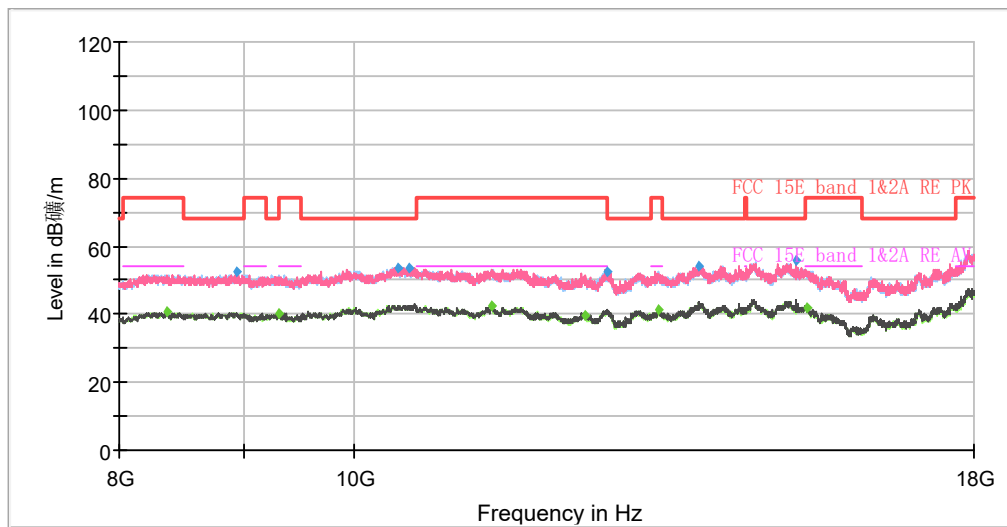
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT40) CH54



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



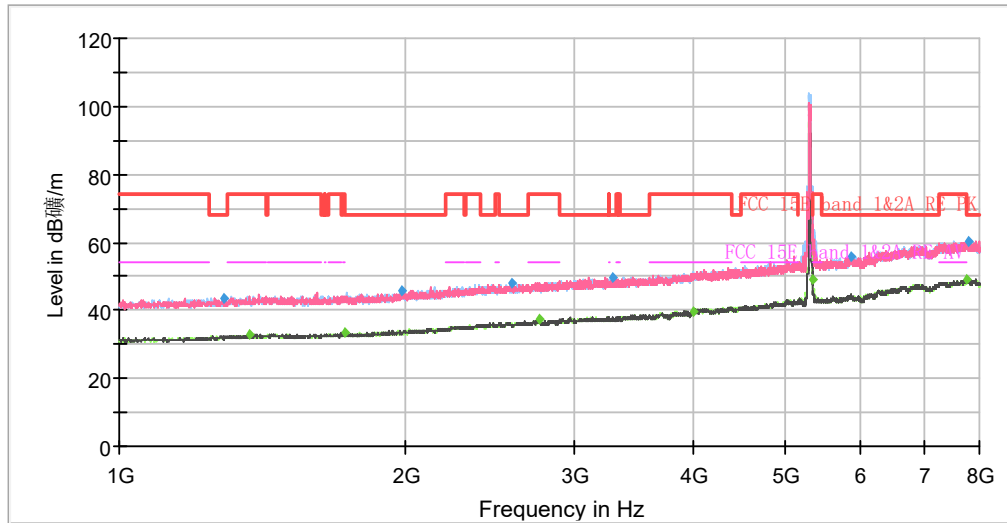
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1283.50         | 43.30                  | ---                    | 68.20                | 24.90       | 500.00          | 100.0       | V   | 268.00        | -2           |
| 1412.13         | ---                    | 32.85                  | 54.00                | 21.15       | 500.00          | 200.0       | V   | 57.00         | -1           |
| 1721.88         | ---                    | 33.41                  | 54.00                | 20.59       | 500.00          | 200.0       | V   | 3.00          | 0            |
| 1981.75         | 45.10                  | ---                    | 68.20                | 23.10       | 500.00          | 100.0       | H   | 68.00         | 1            |
| 2581.13         | 48.12                  | ---                    | 68.20                | 20.08       | 500.00          | 100.0       | V   | 235.00        | 3            |
| 2750.88         | ---                    | 36.85                  | 54.00                | 17.15       | 500.00          | 200.0       | H   | 244.00        | 4            |
| 3464.88         | 49.88                  | ---                    | 68.20                | 18.32       | 500.00          | 200.0       | V   | 1.00          | 5            |
| 3995.13         | ---                    | 39.86                  | 54.00                | 14.14       | 500.00          | 100.0       | H   | 61.00         | 6            |
| 5353.13         | ---                    | 43.66                  | 54.00                | 10.34       | 500.00          | 100.0       | H   | 191.00        | 11           |
| 5577.13         | 55.31                  | ---                    | 68.20                | 12.89       | 500.00          | 200.0       | V   | 278.00        | 11           |
| 7735.75         | ---                    | 49.03                  | 54.00                | 4.97        | 500.00          | 100.0       | V   | 108.00        | 17           |
| 7798.75         | 60.02                  | ---                    | 68.20                | 8.18        | 500.00          | 200.0       | V   | 271.00        | 17           |

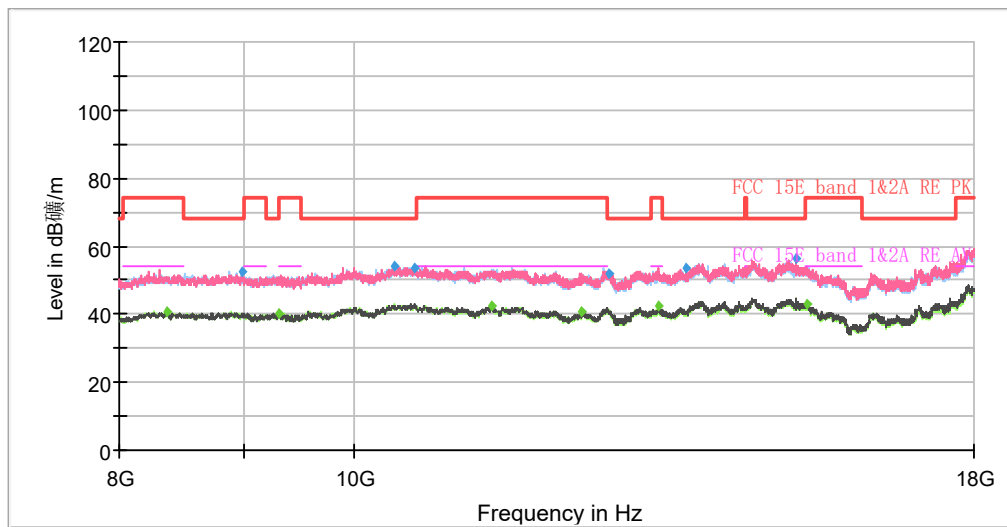
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT40) CH62



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



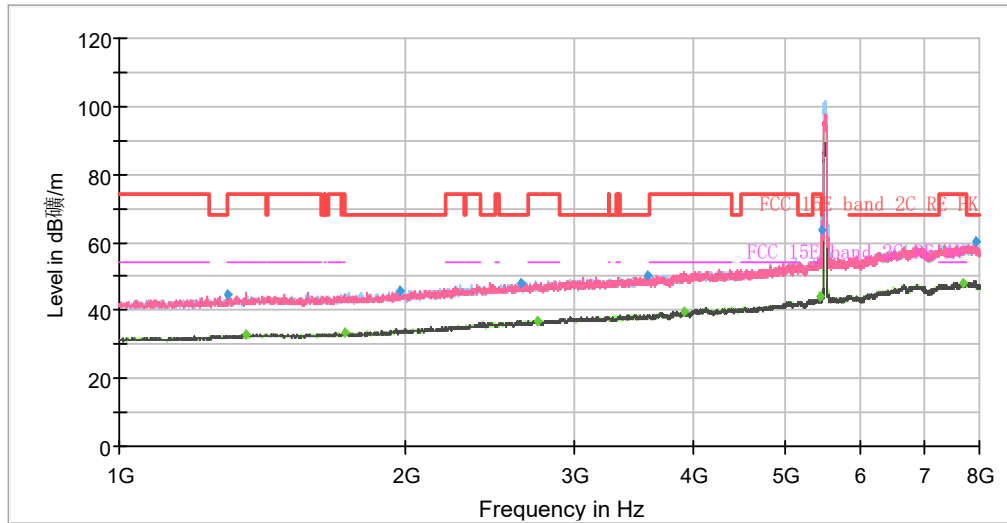
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1285.25         | 43.43                  | ---                    | 68.20                | 24.77       | 500.00          | 200.0       | V   | 125.00        | -2           |
| 1371.88         | ---                    | 32.74                  | 54.00                | 21.26       | 500.00          | 100.0       | H   | 209.00        | -1           |
| 1721.88         | ---                    | 33.59                  | 54.00                | 20.41       | 500.00          | 200.0       | H   | 122.00        | 0            |
| 1982.63         | 45.72                  | ---                    | 68.20                | 22.48       | 500.00          | 100.0       | V   | 352.00        | 1            |
| 2577.63         | 47.84                  | ---                    | 68.20                | 20.36       | 500.00          | 100.0       | V   | 131.00        | 3            |
| 2757.00         | ---                    | 37.13                  | 54.00                | 16.87       | 500.00          | 200.0       | V   | 125.00        | 4            |
| 3293.38         | 49.84                  | ---                    | 68.20                | 18.36       | 500.00          | 100.0       | H   | 10.00         | 5            |
| 3999.50         | ---                    | 39.68                  | 54.00                | 14.32       | 500.00          | 100.0       | H   | 3.00          | 6            |
| 5350.50         | ---                    | 48.90                  | 54.00                | 5.10        | 500.00          | 100.0       | H   | 182.00        | 11           |
| 5869.38         | 56.03                  | ---                    | 68.20                | 12.17       | 500.00          | 100.0       | V   | 300.00        | 11           |
| 7742.75         | ---                    | 48.94                  | 54.00                | 5.06        | 500.00          | 100.0       | V   | 90.00         | 17           |
| 7778.63         | 60.45                  | ---                    | 68.20                | 7.75        | 500.00          | 200.0       | H   | 224.00        | 17           |

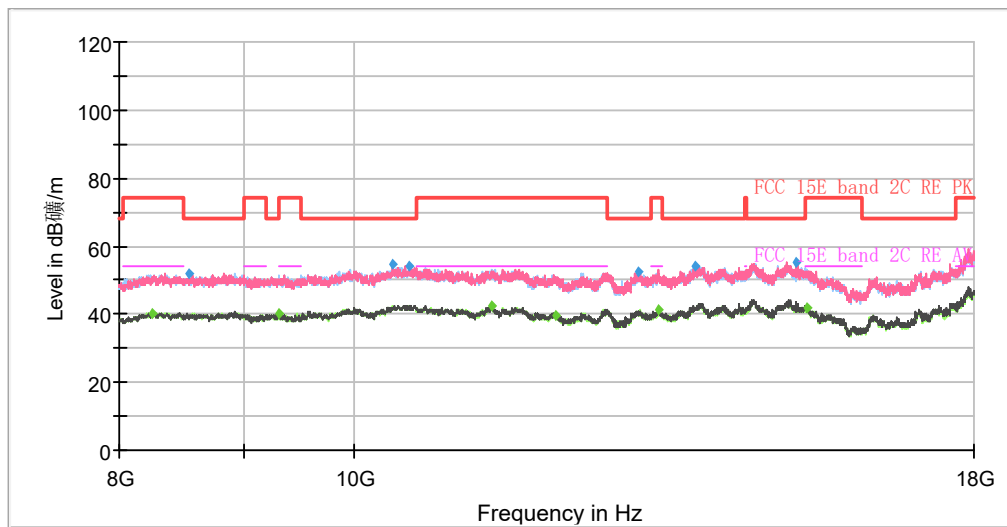
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT40) CH102



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



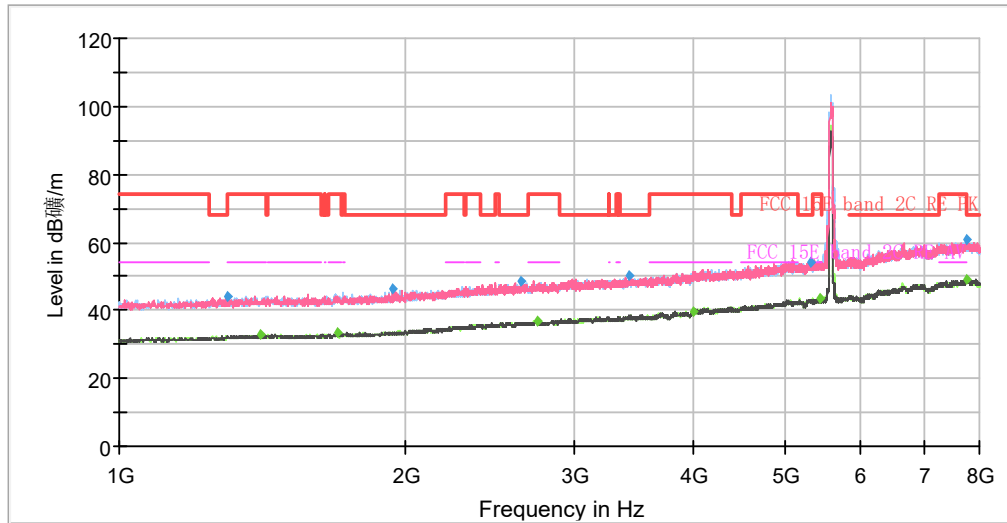
Radiates Emission from 8GHz to 18GHz

| 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         | 44.47                  | ---                    | 68.20                | 23.73       | 500.00          | 200.0       | V   | 169.00        | -1           |
| 1358.75         | ---                    | 33.05                  | 54.00                | 20.95       | 500.00          | 200.0       | H   | 241.00        | -1           |
| 1721.88         | ---                    | 33.39                  | 54.00                | 20.61       | 500.00          | 200.0       | V   | 219.00        | 0            |
| 1971.25         | 45.61                  | ---                    | 68.20                | 22.59       | 500.00          | 100.0       | H   | 246.00        | 1            |
| 2641.50         | 47.93                  | ---                    | 68.20                | 20.27       | 500.00          | 100.0       | V   | 2.00          | 4            |
| 2749.13         | ---                    | 37.03                  | 54.00                | 16.97       | 500.00          | 200.0       | V   | 319.00        | 4            |
| 3588.25         | 50.20                  | ---                    | 68.20                | 18.00       | 500.00          | 100.0       | H   | 352.00        | 5            |
| 3921.63         | ---                    | 39.58                  | 54.00                | 14.42       | 500.00          | 100.0       | H   | 0.00          | 6            |
| 5442.38         | ---                    | 44.12                  | 54.00                | 9.88        | 500.00          | 100.0       | H   | 173.00        | 11           |
| 5469.50         | 63.65                  | ---                    | 68.20                | 4.55        | 500.00          | 100.0       | H   | 333.00        | 11           |
| 7673.63         | ---                    | 48.21                  | 54.00                | 5.79        | 500.00          | 100.0       | V   | 1.00          | 17           |
| 7914.25         | 60.18                  | ---                    | 68.20                | 8.02        | 500.00          | 200.0       | V   | 0.00          | 17           |

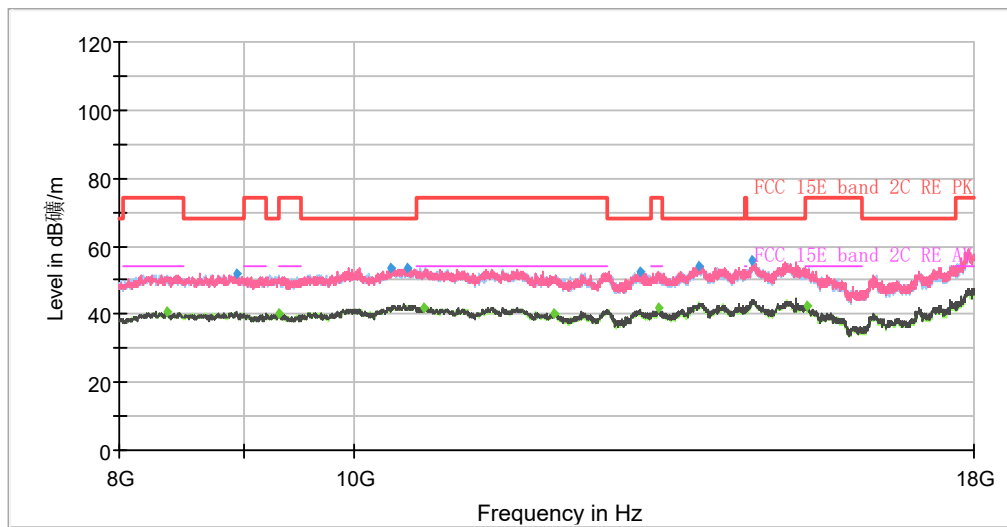
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH118



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



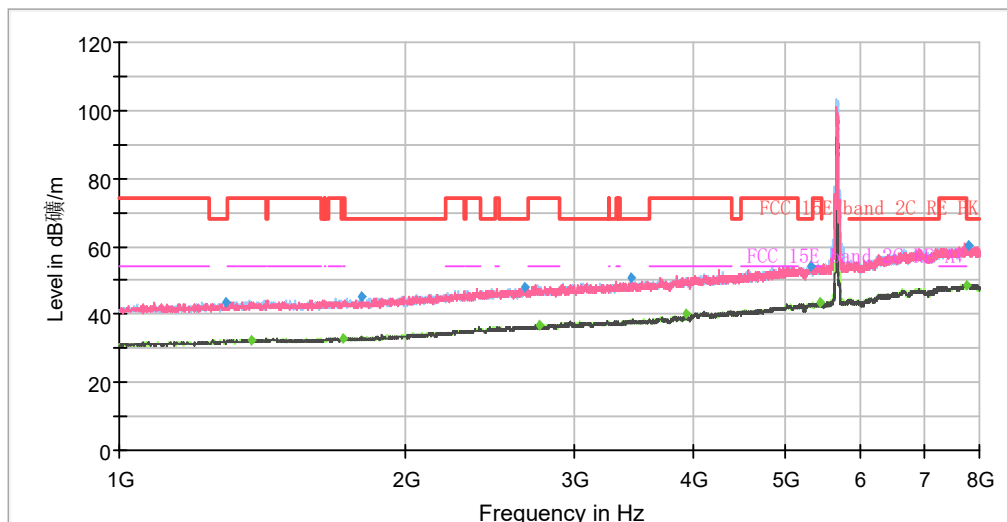
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1296.63         | 43.85                  | ---                    | 68.20                | 24.35       | 500.00          | 200.0       | V   | 0.00          | -2           |
| 1407.75         | ---                    | 32.75                  | 54.00                | 21.25       | 500.00          | 100.0       | H   | 1.00          | -1           |
| 1697.38         | ---                    | 33.21                  | 54.00                | 20.79       | 500.00          | 200.0       | V   | 5.00          | 0            |
| 1936.25         | 46.06                  | ---                    | 68.20                | 22.14       | 500.00          | 100.0       | V   | 316.00        | 0            |
| 2636.25         | 48.47                  | ---                    | 68.20                | 19.73       | 500.00          | 200.0       | V   | 165.00        | 4            |
| 2750.00         | ---                    | 36.80                  | 54.00                | 17.20       | 500.00          | 200.0       | V   | 152.00        | 4            |
| 3436.88         | 50.05                  | ---                    | 68.20                | 18.15       | 500.00          | 200.0       | V   | 5.00          | 5            |
| 3999.50         | ---                    | 39.53                  | 54.00                | 14.47       | 500.00          | 200.0       | H   | 171.00        | 6            |
| 5315.50         | 54.12                  | ---                    | 68.20                | 14.08       | 500.00          | 100.0       | V   | 358.00        | 11           |
| 5442.38         | ---                    | 43.52                  | 54.00                | 10.48       | 500.00          | 100.0       | H   | 0.00          | 11           |
| 7738.38         | ---                    | 48.88                  | 54.00                | 5.12        | 500.00          | 100.0       | V   | 65.00         | 17           |
| 7756.75         | 60.94                  | ---                    | 68.20                | 7.26        | 500.00          | 200.0       | H   | 0.00          | 17           |

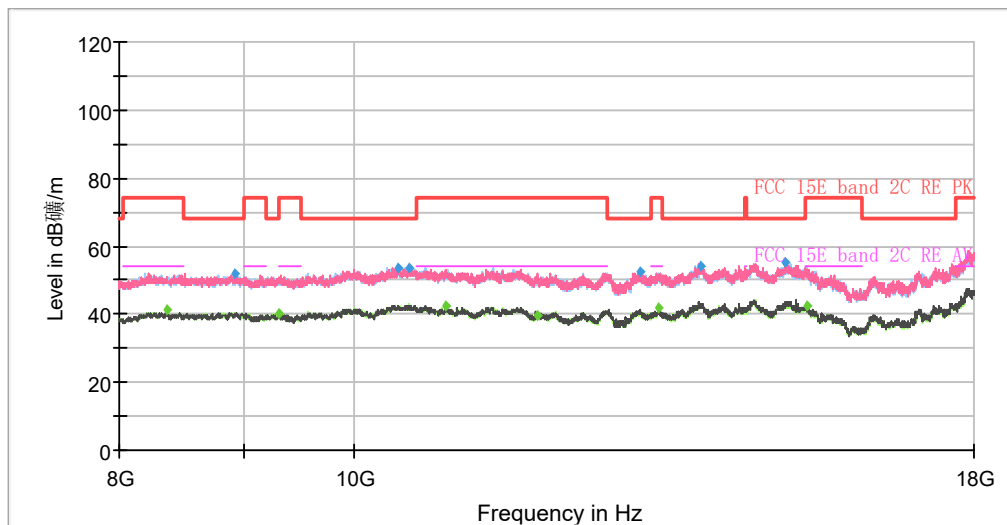
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11n (HT40) CH134



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



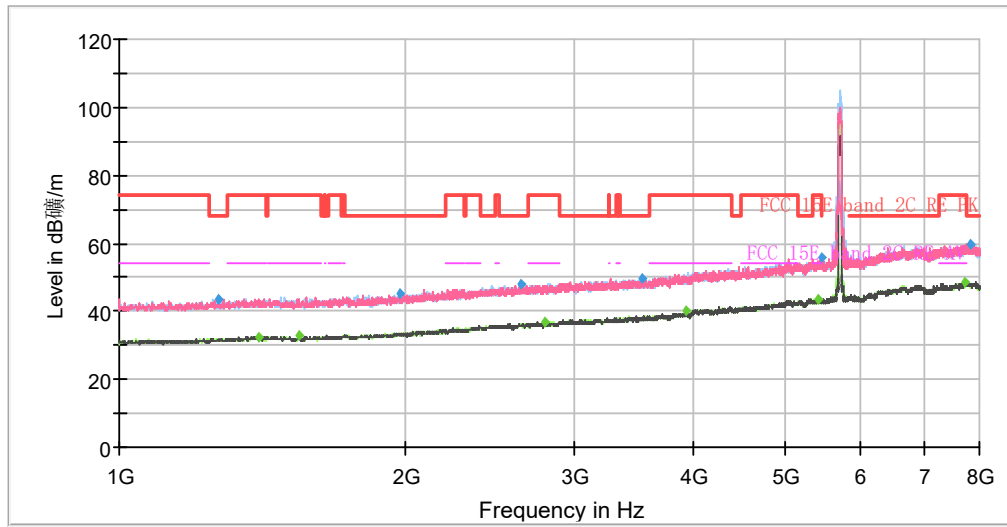
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1294.88         | 43.46                  | ---                    | 68.20                | 24.74       | 500.00          | 200.0       | V   | 164.00        | -2           |
| 1374.50         | ---                    | 32.64                  | 54.00                | 21.36       | 500.00          | 200.0       | V   | 7.00          | -1           |
| 1721.00         | ---                    | 33.15                  | 54.00                | 20.85       | 500.00          | 100.0       | H   | 4.00          | 0            |
| 1798.88         | 45.24                  | ---                    | 68.20                | 22.96       | 500.00          | 100.0       | V   | 58.00         | 0            |
| 2665.13         | 48.17                  | ---                    | 68.20                | 20.03       | 500.00          | 100.0       | H   | 50.00         | 4            |
| 2755.25         | ---                    | 36.90                  | 54.00                | 17.10       | 500.00          | 100.0       | H   | 32.00         | 4            |
| 3445.63         | 50.53                  | ---                    | 68.20                | 17.67       | 500.00          | 200.0       | H   | 340.00        | 5            |
| 3928.63         | ---                    | 39.92                  | 54.00                | 14.08       | 500.00          | 100.0       | H   | 1.00          | 6            |
| 5329.50         | 54.09                  | ---                    | 68.20                | 14.11       | 500.00          | 200.0       | H   | 133.00        | 11           |
| 5438.88         | ---                    | 43.56                  | 54.00                | 10.44       | 500.00          | 100.0       | H   | 32.00         | 11           |
| 7741.00         | ---                    | 48.82                  | 54.00                | 5.18        | 500.00          | 200.0       | H   | 306.00        | 17           |
| 7774.25         | 60.04                  | ---                    | 68.20                | 8.16        | 500.00          | 100.0       | V   | 45.00         | 17           |

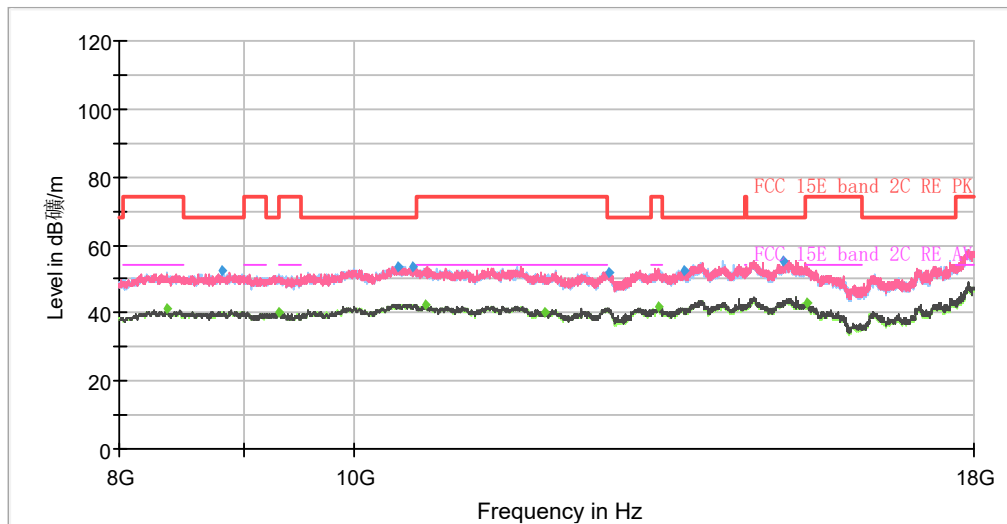
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH142



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



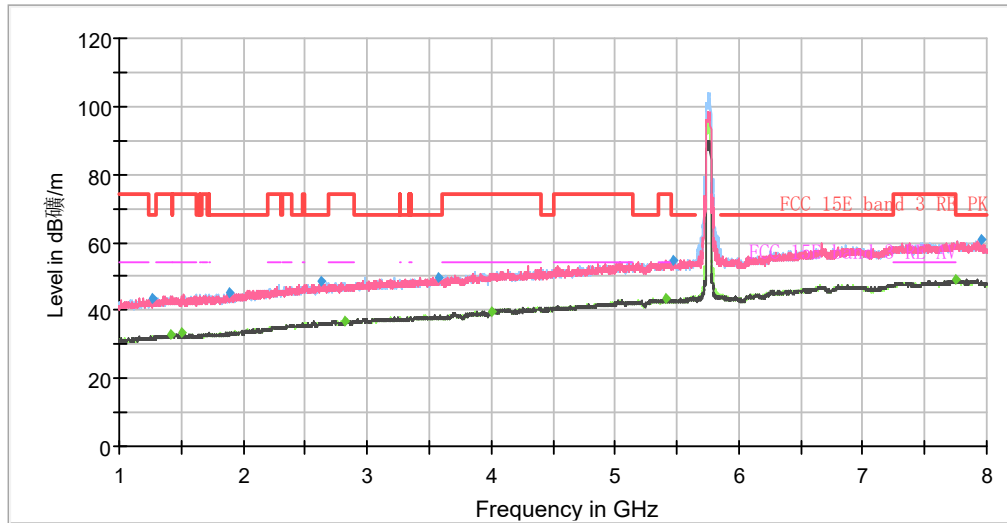
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1270.38         | 43.35                  | ---                    | 68.20                | 24.85       | 500.00          | 200.0       | H   | 277.00        | -2           |
| 1400.75         | ---                    | 32.64                  | 54.00                | 21.36       | 500.00          | 100.0       | H   | 358.00        | -1           |
| 1543.38         | ---                    | 32.73                  | 54.00                | 21.27       | 500.00          | 200.0       | V   | 280.00        | -1           |
| 1968.63         | 45.03                  | ---                    | 68.20                | 23.17       | 500.00          | 100.0       | H   | 121.00        | 1            |
| 2645.00         | 48.02                  | ---                    | 68.20                | 20.18       | 500.00          | 200.0       | V   | 1.00          | 4            |
| 2797.25         | ---                    | 36.75                  | 54.00                | 17.25       | 500.00          | 100.0       | V   | 33.00         | 4            |
| 3542.75         | 49.53                  | ---                    | 68.20                | 18.67       | 500.00          | 200.0       | H   | 21.00         | 5            |
| 3935.63         | ---                    | 39.95                  | 54.00                | 14.05       | 500.00          | 200.0       | H   | 303.00        | 6            |
| 5417.00         | ---                    | 43.68                  | 54.00                | 10.32       | 500.00          | 100.0       | H   | 326.00        | 11           |
| 5467.75         | 55.69                  | ---                    | 68.20                | 12.51       | 500.00          | 100.0       | H   | 326.00        | 11           |
| 7729.63         | ---                    | 48.48                  | 54.00                | 5.52        | 500.00          | 100.0       | V   | 355.00        | 17           |
| 7817.13         | 59.72                  | ---                    | 68.20                | 8.48        | 500.00          | 100.0       | V   | 0.00          | 17           |

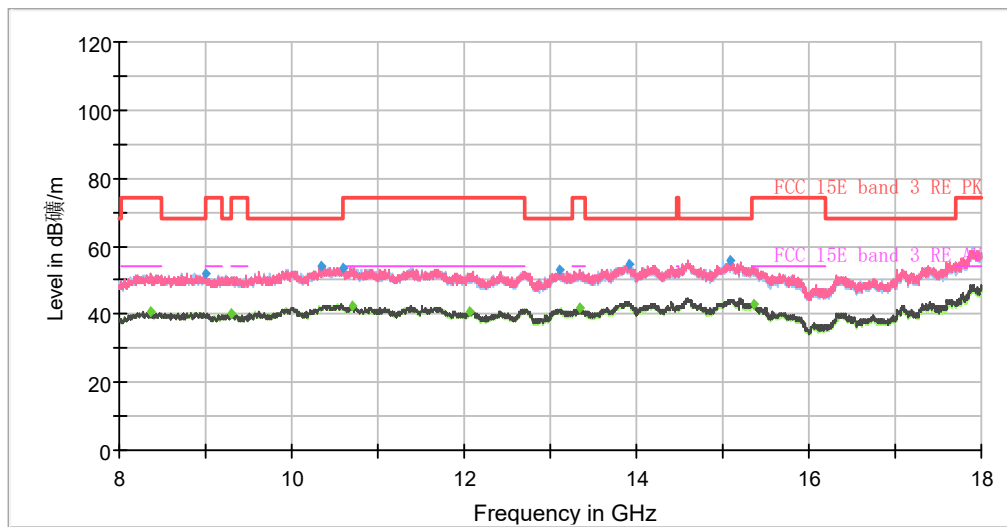
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

# 802.11n (HT40) CH151



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



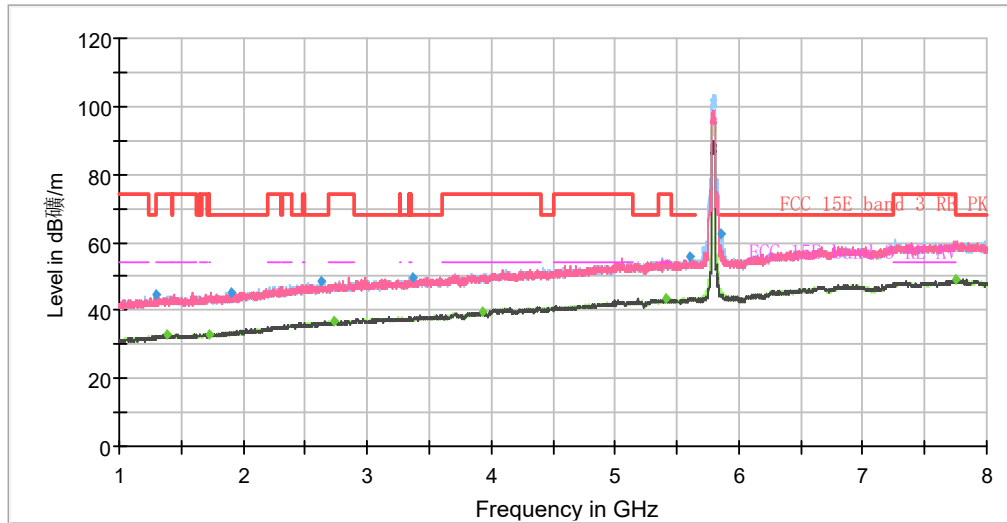
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1262.50         | 43.56                  | ---                    | 68.20                | 24.64       | 500.00          | 200.0       | V   | 171.00        | -2           |
| 1413.88         | ---                    | 32.66                  | 54.00                | 21.34       | 500.00          | 200.0       | V   | 102.00        | -1           |
| 1504.88         | ---                    | 33.21                  | 54.00                | 20.79       | 500.00          | 200.0       | H   | 249.00        | -1           |
| 1894.25         | 45.31                  | ---                    | 68.20                | 22.89       | 500.00          | 100.0       | H   | 4.00          | 0            |
| 2622.25         | 48.60                  | ---                    | 68.20                | 19.60       | 500.00          | 200.0       | V   | 0.00          | 4            |
| 2826.13         | ---                    | 36.92                  | 54.00                | 17.08       | 500.00          | 100.0       | H   | 12.00         | 4            |
| 3574.25         | 49.88                  | ---                    | 68.20                | 18.32       | 500.00          | 200.0       | V   | 146.00        | 5            |
| 3998.63         | ---                    | 39.86                  | 54.00                | 14.14       | 500.00          | 100.0       | H   | 186.00        | 6            |
| 5410.88         | ---                    | 43.31                  | 54.00                | 10.69       | 500.00          | 100.0       | H   | 53.00         | 11           |
| 5465.13         | 54.84                  | ---                    | 68.20                | 13.36       | 500.00          | 100.0       | H   | 98.00         | 11           |
| 7745.38         | ---                    | 48.87                  | 54.00                | 5.13        | 500.00          | 100.0       | V   | 255.00        | 17           |
| 7956.25         | 60.72                  | ---                    | 68.20                | 7.48        | 500.00          | 200.0       | H   | 359.00        | 17           |

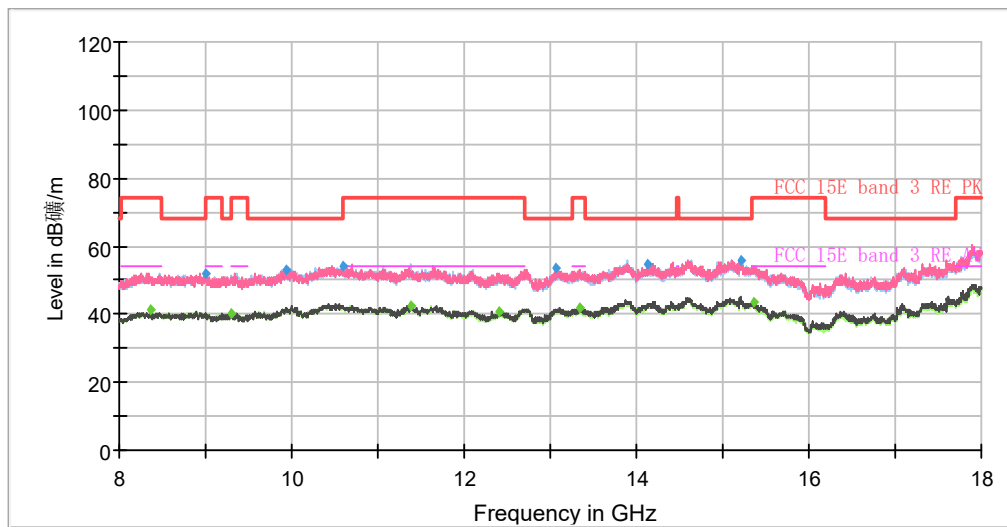
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11n (HT40) CH159



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



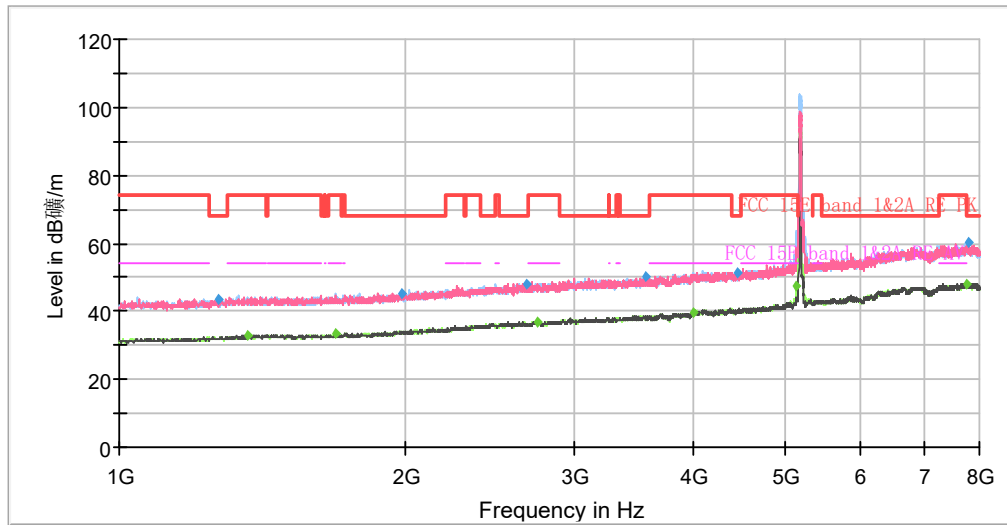
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1297.50         | 44.86                  | ---                    | 68.20                | 23.34       | 500.00          | 100.0       | H   | 118.00        | -2           |
| 1390.25         | ---                    | 33.02                  | 54.00                | 20.98       | 500.00          | 200.0       | H   | 251.00        | -1           |
| 1721.88         | ---                    | 33.13                  | 54.00                | 20.87       | 500.00          | 200.0       | H   | 0.00          | 0            |
| 1903.88         | 45.37                  | ---                    | 68.20                | 22.83       | 500.00          | 100.0       | V   | 138.00        | 0            |
| 2632.75         | 48.61                  | ---                    | 68.20                | 19.59       | 500.00          | 100.0       | V   | 322.00        | 4            |
| 2736.00         | ---                    | 36.93                  | 54.00                | 17.07       | 500.00          | 100.0       | H   | 215.00        | 4            |
| 3372.13         | 49.84                  | ---                    | 68.20                | 18.36       | 500.00          | 100.0       | H   | 136.00        | 5            |
| 3924.25         | ---                    | 39.67                  | 54.00                | 14.33       | 500.00          | 200.0       | H   | 359.00        | 6            |
| 5414.38         | ---                    | 43.32                  | 54.00                | 10.68       | 500.00          | 100.0       | V   | 0.00          | 11           |
| 5600.75         | 55.68                  | ---                    | 68.20                | 12.52       | 500.00          | 100.0       | H   | 7.00          | 11           |
| 5861.50         | 62.34                  | ---                    | 68.20                | 5.86        | 500.00          | 100.0       | H   | 329.00        | 11           |
| 7742.75         | ---                    | 48.90                  | 54.00                | 5.10        | 500.00          | 100.0       | V   | 322.00        | 17           |

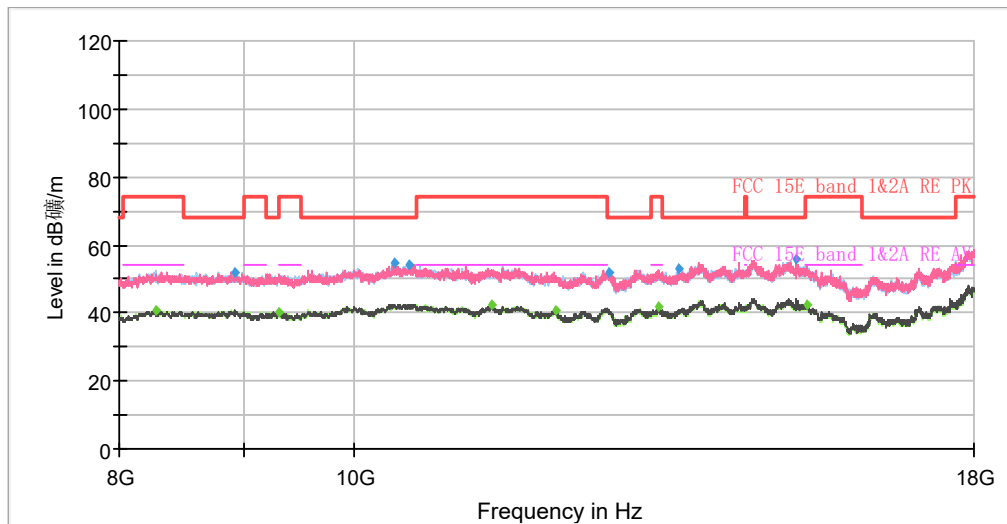
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH38



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



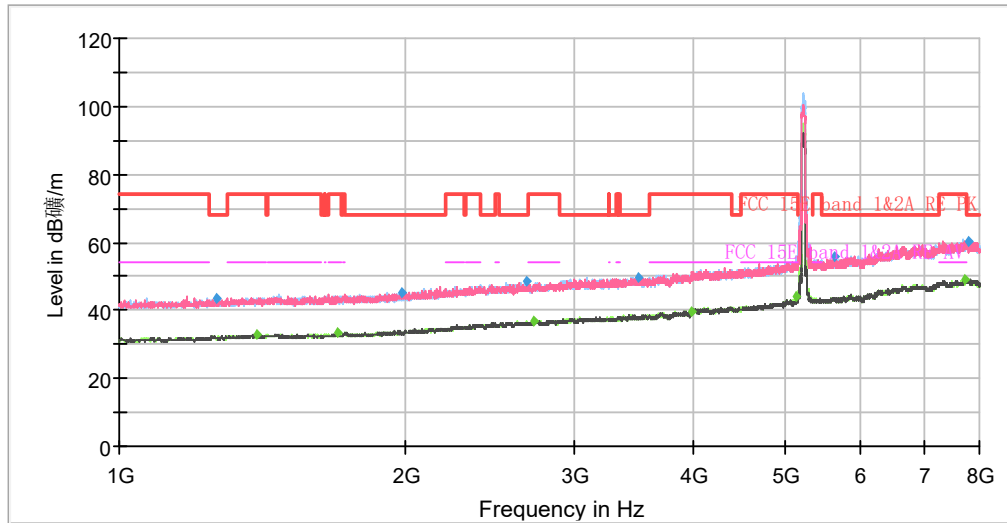
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1268.63         | 43.61                  | ---                    | 68.20                | 24.59       | 500.00          | 200.0       | V   | 265.00        | -2           |
| 1365.75         | ---                    | 33.04                  | 54.00                | 20.96       | 500.00          | 200.0       | H   | 0.00          | -1           |
| 1686.88         | ---                    | 33.43                  | 54.00                | 20.57       | 500.00          | 200.0       | H   | 127.00        | 0            |
| 1975.63         | 45.36                  | ---                    | 68.20                | 22.84       | 500.00          | 100.0       | H   | 0.00          | 1            |
| 2679.13         | 48.19                  | ---                    | 68.20                | 20.01       | 500.00          | 200.0       | H   | 148.00        | 4            |
| 2749.13         | ---                    | 37.03                  | 54.00                | 16.97       | 500.00          | 100.0       | V   | 98.00         | 4            |
| 3576.88         | 49.98                  | ---                    | 68.20                | 18.22       | 500.00          | 100.0       | V   | 2.00          | 5            |
| 3998.63         | ---                    | 39.75                  | 54.00                | 14.25       | 500.00          | 100.0       | H   | 0.00          | 6            |
| 4446.63         | 51.37                  | ---                    | 68.20                | 16.83       | 500.00          | 200.0       | V   | 265.00        | 7            |
| 5145.75         | ---                    | 47.61                  | 54.00                | 6.39        | 500.00          | 100.0       | H   | 181.00        | 10           |
| 7741.88         | ---                    | 48.06                  | 54.00                | 5.94        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7796.13         | 60.33                  | ---                    | 68.20                | 7.87        | 500.00          | 100.0       | V   | 0.00          | 17           |

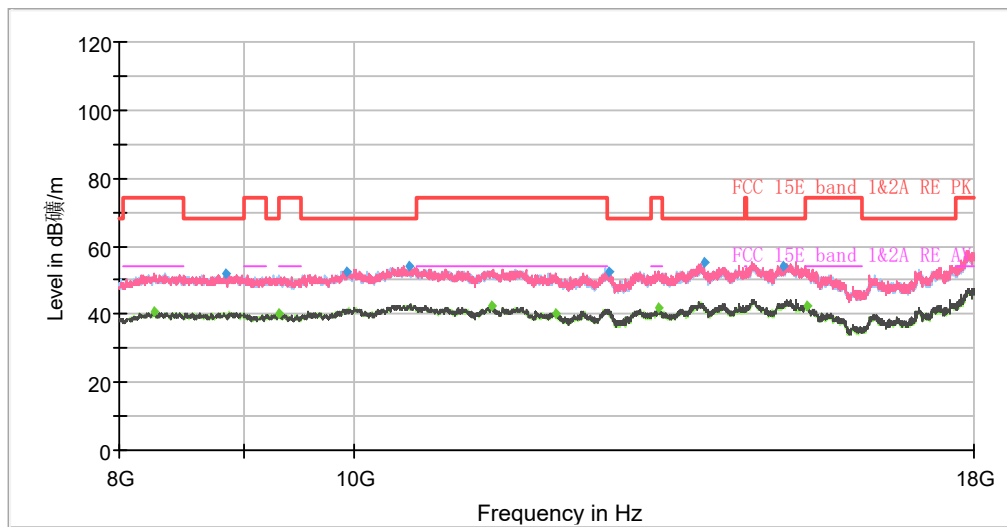
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11ac (VHT40) CH46



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



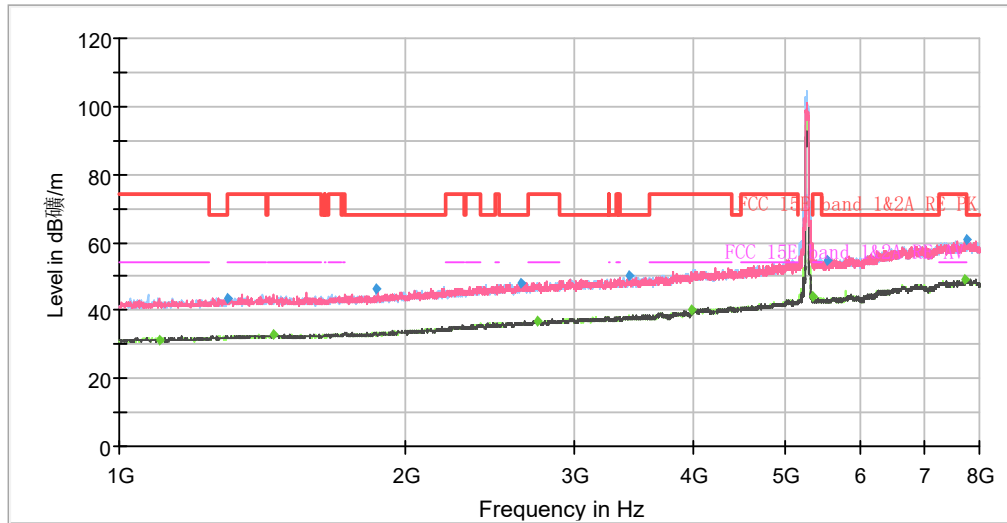
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1264.25         | 43.52                  | ---                    | 68.20                | 24.68       | 500.00          | 100.0       | H   | 99.00         | -2           |
| 1397.25         | ---                    | 32.88                  | 54.00                | 21.12       | 500.00          | 200.0       | V   | 121.00        | -1           |
| 1693.88         | ---                    | 33.24                  | 54.00                | 20.76       | 500.00          | 200.0       | H   | 332.00        | 0            |
| 1983.50         | 45.45                  | ---                    | 68.20                | 22.75       | 500.00          | 200.0       | V   | 80.00         | 1            |
| 2676.50         | 48.44                  | ---                    | 68.20                | 19.76       | 500.00          | 200.0       | H   | 88.00         | 4            |
| 2722.00         | ---                    | 36.90                  | 54.00                | 17.10       | 500.00          | 100.0       | V   | 358.00        | 4            |
| 3512.13         | 49.79                  | ---                    | 68.20                | 18.41       | 500.00          | 200.0       | H   | 204.00        | 5            |
| 3989.00         | ---                    | 39.65                  | 54.00                | 14.35       | 500.00          | 200.0       | H   | 325.00        | 6            |
| 5141.38         | ---                    | 43.96                  | 54.00                | 10.04       | 500.00          | 100.0       | H   | 187.00        | 10           |
| 5627.00         | 55.57                  | ---                    | 68.20                | 12.63       | 500.00          | 100.0       | H   | 112.00        | 11           |
| 7732.25         | ---                    | 48.88                  | 54.00                | 5.12        | 500.00          | 100.0       | V   | 306.00        | 17           |
| 7804.00         | 60.28                  | ---                    | 68.20                | 7.92        | 500.00          | 100.0       | V   | 313.00        | 17           |

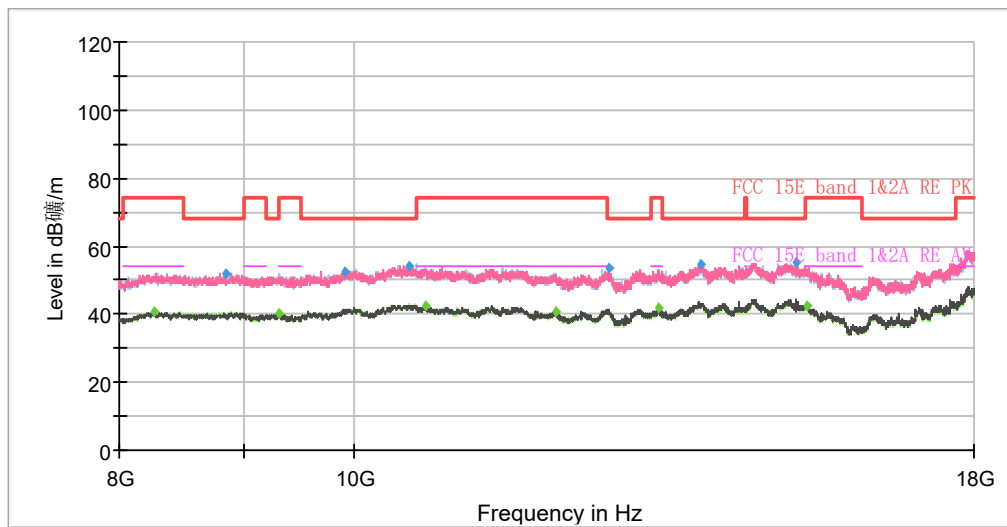
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11ac (VHT40) CH54



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



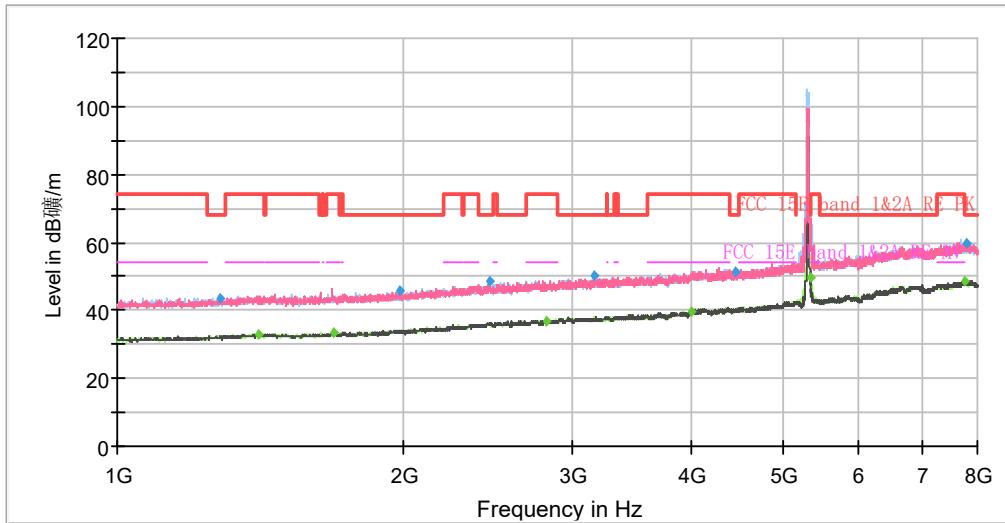
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1104.13         | ---                    | 31.30                  | 54.00                | 22.70       | 500.00          | 200.0       | H   | 164.00        | -2           |
| 1296.63         | 43.63                  | ---                    | 68.20                | 24.57       | 500.00          | 200.0       | V   | 13.00         | -2           |
| 1448.88         | ---                    | 33.03                  | 54.00                | 20.97       | 500.00          | 100.0       | V   | 329.00        | -1           |
| 1861.00         | 46.07                  | ---                    | 68.20                | 22.13       | 500.00          | 100.0       | H   | 48.00         | 0            |
| 2636.25         | 48.13                  | ---                    | 68.20                | 20.07       | 500.00          | 100.0       | V   | 146.00        | 4            |
| 2748.25         | ---                    | 37.00                  | 54.00                | 17.00       | 500.00          | 100.0       | V   | 158.00        | 4            |
| 3433.38         | 50.09                  | ---                    | 68.20                | 18.11       | 500.00          | 100.0       | H   | 1.00          | 5            |
| 3995.13         | ---                    | 39.95                  | 54.00                | 14.05       | 500.00          | 100.0       | V   | 138.00        | 6            |
| 5350.50         | ---                    | 43.85                  | 54.00                | 10.15       | 500.00          | 100.0       | H   | 56.00         | 11           |
| 5536.88         | 54.85                  | ---                    | 68.20                | 13.35       | 500.00          | 100.0       | H   | 8.00          | 11           |
| 7734.00         | ---                    | 49.26                  | 54.00                | 4.74        | 500.00          | 100.0       | V   | 252.00        | 17           |
| 7755.00         | 60.72                  | ---                    | 68.20                | 7.48        | 500.00          | 100.0       | V   | 158.00        | 17           |

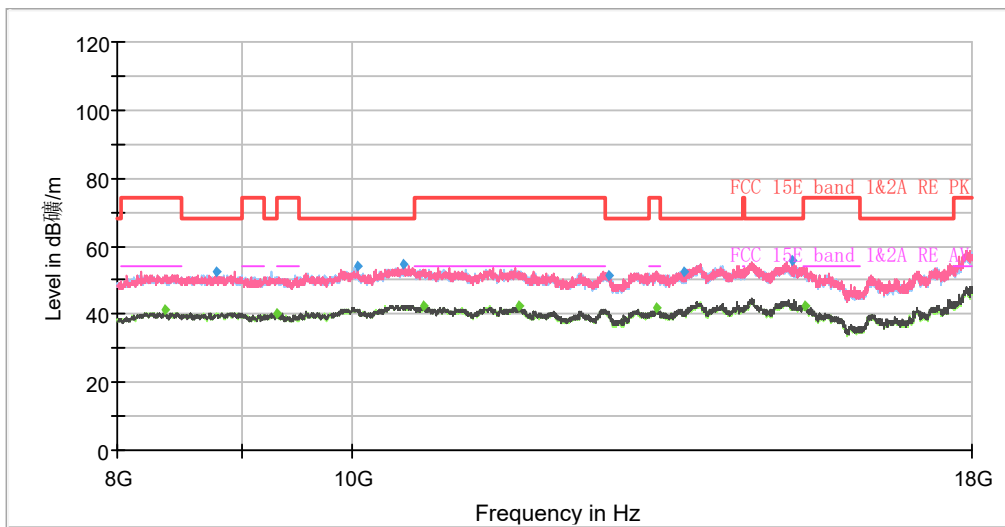
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH62



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



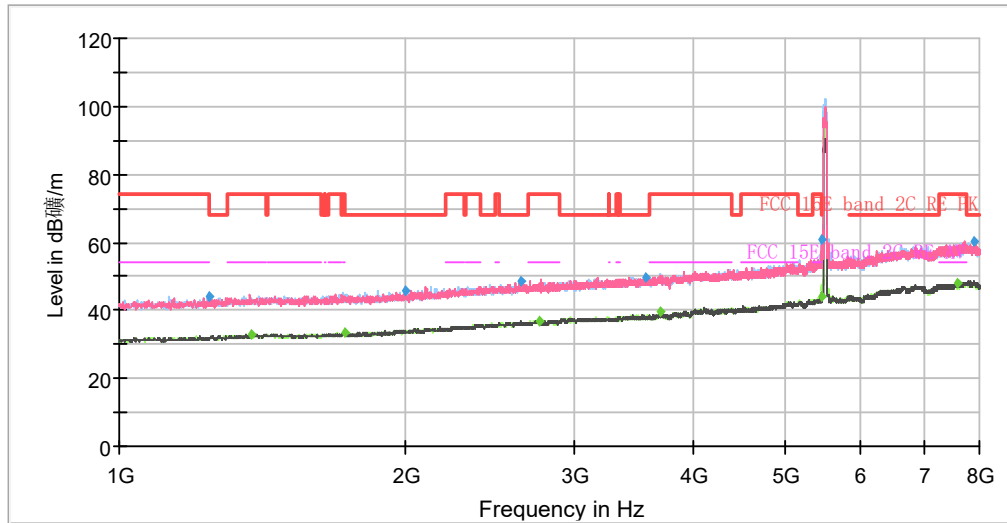
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1284.38         | 43.54                  | ---                    | 68.20                | 24.66       | 500.00          | 100.0       | V   | 336.00        | -2           |
| 1407.75         | ---                    | 32.93                  | 54.00                | 21.07       | 500.00          | 100.0       | H   | 79.00         | -1           |
| 1690.38         | ---                    | 33.42                  | 54.00                | 20.58       | 500.00          | 100.0       | V   | 2.00          | 0            |
| 1979.13         | 45.58                  | ---                    | 68.20                | 22.62       | 500.00          | 200.0       | H   | 277.00        | 1            |
| 2456.88         | 48.38                  | ---                    | 68.20                | 19.82       | 500.00          | 200.0       | H   | 145.00        | 3            |
| 2824.38         | ---                    | 37.04                  | 54.00                | 16.96       | 500.00          | 100.0       | V   | 330.00        | 4            |
| 3173.50         | 50.37                  | ---                    | 68.20                | 17.83       | 500.00          | 100.0       | H   | 7.00          | 5            |
| 3997.75         | ---                    | 39.87                  | 54.00                | 14.13       | 500.00          | 100.0       | V   | 350.00        | 6            |
| 4457.13         | 51.56                  | ---                    | 68.20                | 16.64       | 500.00          | 200.0       | V   | 57.00         | 7            |
| 5353.13         | ---                    | 49.69                  | 54.00                | 4.31        | 500.00          | 100.0       | H   | 179.00        | 11           |
| 7747.13         | ---                    | 48.53                  | 54.00                | 5.47        | 500.00          | 100.0       | V   | 316.00        | 17           |
| 7803.13         | 59.92                  | ---                    | 68.20                | 8.28        | 500.00          | 100.0       | H   | 66.00         | 17           |

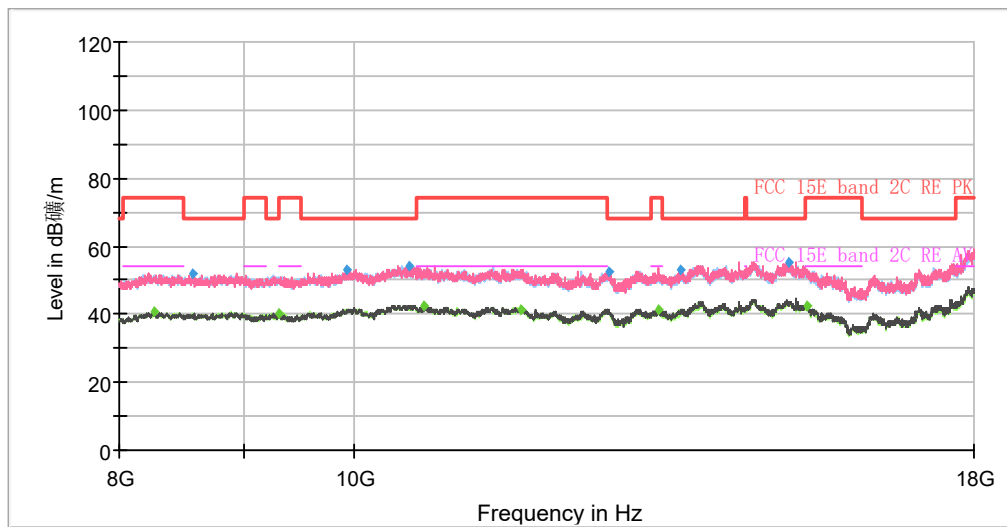
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH102



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



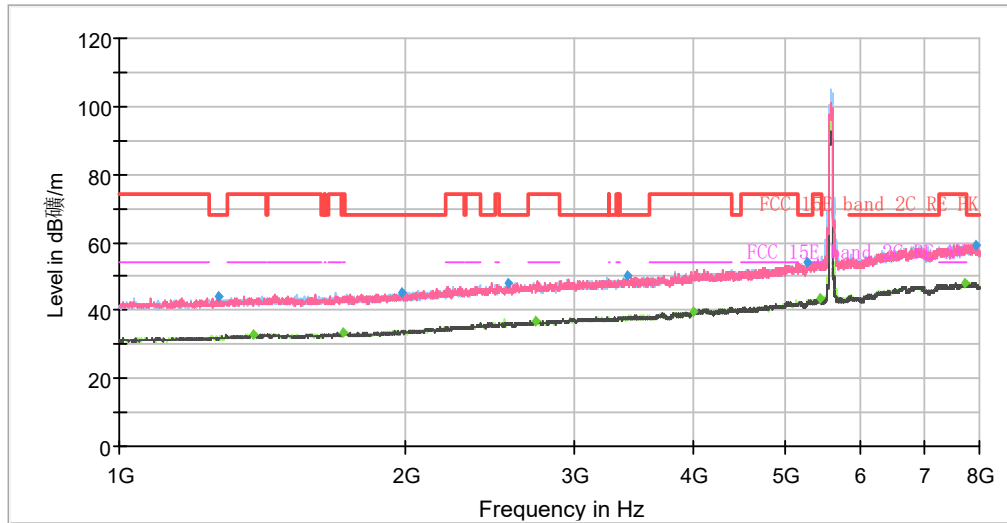
Radiates Emission from 8GHz to 18GHz

| Frequency<br>(MHz) | MaxPeak<br>(dB $\mu$ V/m) | Average<br>(dB $\mu$ V/m) | Limit<br>(dB $\mu$ V/m) | Margin<br>(dB) | Meas. Time<br>(ms) | Height<br>(cm) | Pol | Azimuth<br>(deg) | Corr.<br>(dB/m) |
|--------------------|---------------------------|---------------------------|-------------------------|----------------|--------------------|----------------|-----|------------------|-----------------|
| 1240.63            | 43.84                     | ---                       | 68.20                   | 24.36          | 500.00             | 100.0          | V   | 122.00           | -2              |
| 1378.00            | ---                       | 32.86                     | 54.00                   | 21.14          | 500.00             | 100.0          | H   | 344.00           | -1              |
| 1721.88            | ---                       | 33.43                     | 54.00                   | 20.57          | 500.00             | 200.0          | H   | 0.00             | 0               |
| 1995.75            | 45.80                     | ---                       | 68.20                   | 22.40          | 500.00             | 100.0          | V   | 26.00            | 1               |
| 2636.25            | 48.62                     | ---                       | 68.20                   | 19.58          | 500.00             | 100.0          | V   | 1.00             | 4               |
| 2762.25            | ---                       | 36.86                     | 54.00                   | 17.14          | 500.00             | 200.0          | V   | 203.00           | 4               |
| 3562.88            | 49.91                     | ---                       | 68.20                   | 18.29          | 500.00             | 200.0          | V   | 153.00           | 5               |
| 3706.38            | ---                       | 39.48                     | 54.00                   | 14.52          | 500.00             | 100.0          | V   | 135.00           | 6               |
| 5457.25            | ---                       | 44.08                     | 54.00                   | 9.92           | 500.00             | 100.0          | H   | 164.00           | 11              |
| 5466.00            | 60.84                     | ---                       | 68.20                   | 7.36           | 500.00             | 200.0          | H   | 182.00           | 11              |
| 7572.13            | ---                       | 48.23                     | 54.00                   | 5.77           | 500.00             | 100.0          | V   | 0.00             | 16              |
| 7909.88            | 60.34                     | ---                       | 68.20                   | 7.86           | 500.00             | 100.0          | V   | 33.00            | 17              |

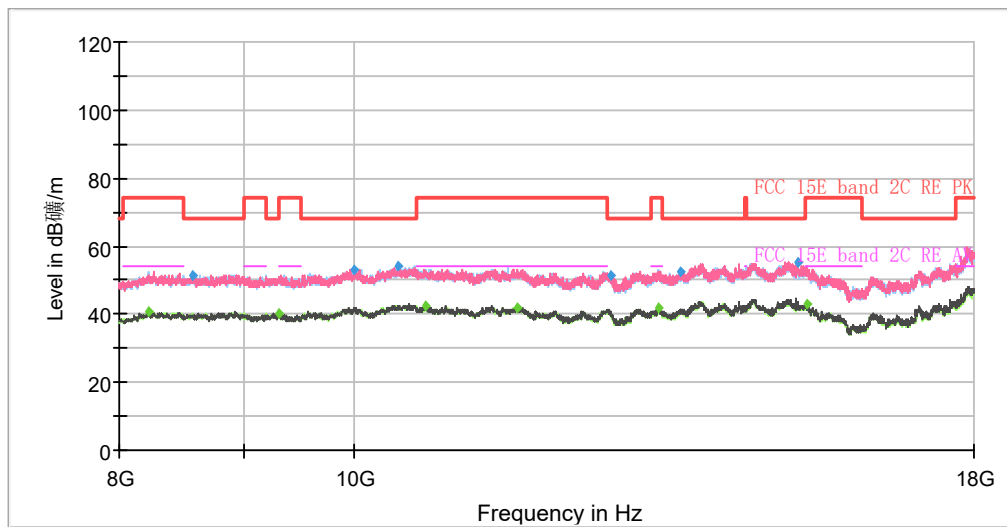
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH118



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



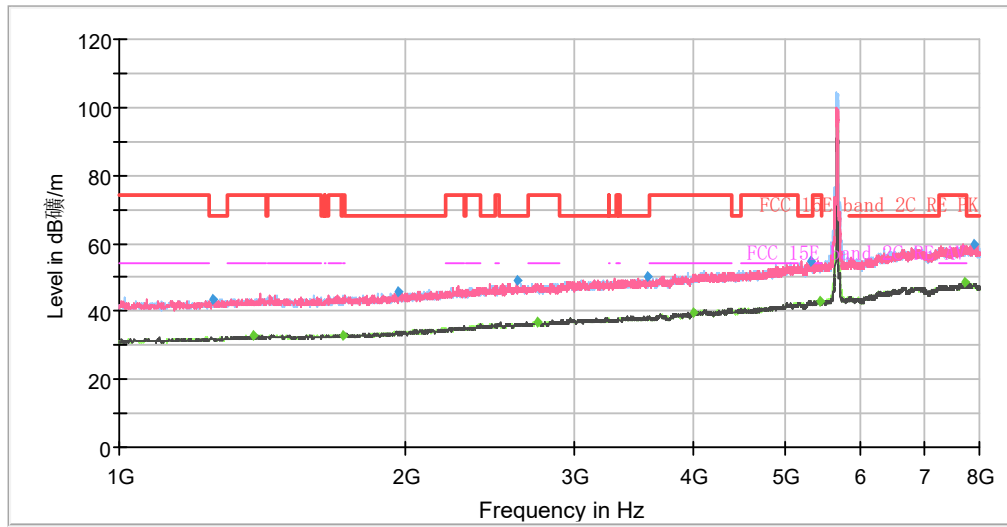
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1273.00         | 43.97                  | ---                    | 68.20                | 24.23       | 500.00          | 100.0       | V   | 18.00         | -2           |
| 1381.50         | ---                    | 33.06                  | 54.00                | 20.94       | 500.00          | 200.0       | H   | 0.00          | -1           |
| 1721.00         | ---                    | 33.44                  | 54.00                | 20.56       | 500.00          | 100.0       | H   | 173.00        | 0            |
| 1980.00         | 44.99                  | ---                    | 68.20                | 23.21       | 500.00          | 100.0       | V   | 181.00        | 1            |
| 2560.13         | 48.18                  | ---                    | 68.20                | 20.02       | 500.00          | 200.0       | V   | 239.00        | 4            |
| 2740.38         | ---                    | 36.91                  | 54.00                | 17.09       | 500.00          | 200.0       | V   | 0.00          | 4            |
| 3410.63         | 50.50                  | ---                    | 68.20                | 17.70       | 500.00          | 100.0       | H   | 0.00          | 5            |
| 3997.75         | ---                    | 39.67                  | 54.00                | 14.33       | 500.00          | 200.0       | H   | 1.00          | 6            |
| 5276.13         | 53.99                  | ---                    | 68.20                | 14.21       | 500.00          | 200.0       | V   | 265.00        | 10           |
| 5438.88         | ---                    | 43.47                  | 54.00                | 10.53       | 500.00          | 200.0       | V   | 338.00        | 11           |
| 7725.25         | ---                    | 48.24                  | 54.00                | 5.76        | 500.00          | 100.0       | H   | 0.00          | 17           |
| 7913.38         | 59.41                  | ---                    | 68.20                | 8.79        | 500.00          | 200.0       | H   | 24.00         | 17           |

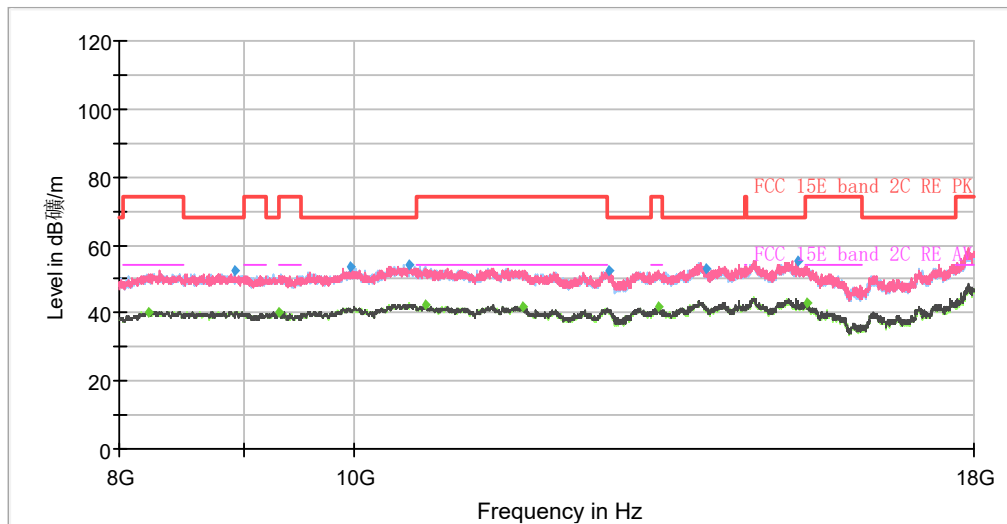
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11ac (VHT40) CH134



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



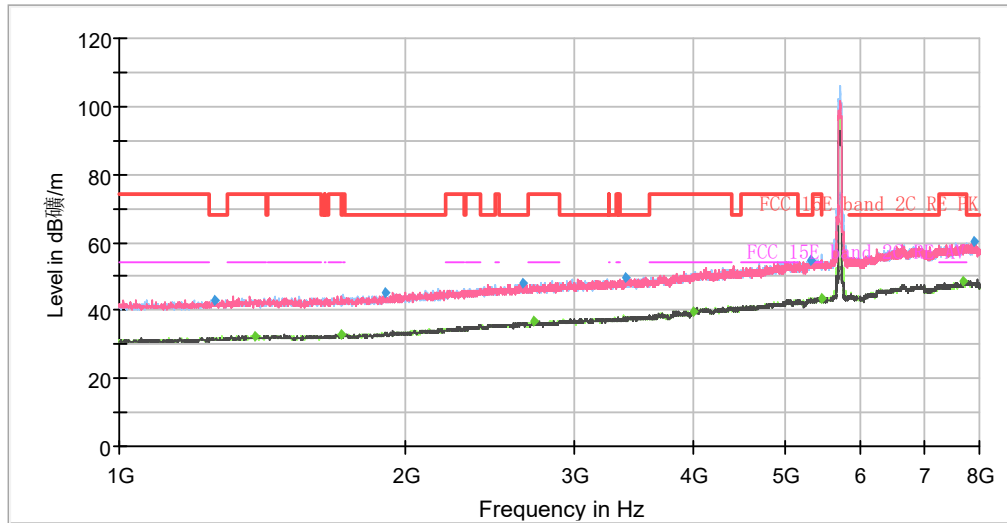
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1255.50         | 43.38                  | ---                    | 68.20                | 24.82       | 500.00          | 200.0       | V   | 320.00        | -2           |
| 1384.13         | ---                    | 32.98                  | 54.00                | 21.02       | 500.00          | 200.0       | H   | 81.00         | -1           |
| 1719.25         | ---                    | 33.21                  | 54.00                | 20.79       | 500.00          | 100.0       | H   | 330.00        | 0            |
| 1961.63         | 45.96                  | ---                    | 68.20                | 22.24       | 500.00          | 200.0       | H   | 70.00         | 1            |
| 2611.75         | 48.85                  | ---                    | 68.20                | 19.35       | 500.00          | 200.0       | V   | 311.00        | 3            |
| 2744.75         | ---                    | 36.93                  | 54.00                | 17.07       | 500.00          | 100.0       | V   | 214.00        | 4            |
| 3589.13         | 50.14                  | ---                    | 68.20                | 18.06       | 500.00          | 200.0       | H   | 4.00          | 5            |
| 3997.75         | ---                    | 39.47                  | 54.00                | 14.53       | 500.00          | 100.0       | V   | 12.00         | 6            |
| 5330.38         | 54.73                  | ---                    | 68.20                | 13.47       | 500.00          | 200.0       | H   | 94.00         | 11           |
| 5444.13         | ---                    | 43.00                  | 54.00                | 11.00       | 500.00          | 200.0       | H   | 228.00        | 11           |
| 7727.00         | ---                    | 48.34                  | 54.00                | 5.66        | 500.00          | 200.0       | V   | 320.00        | 17           |
| 7896.75         | 59.84                  | ---                    | 68.20                | 8.36        | 500.00          | 200.0       | H   | 193.00        | 17           |

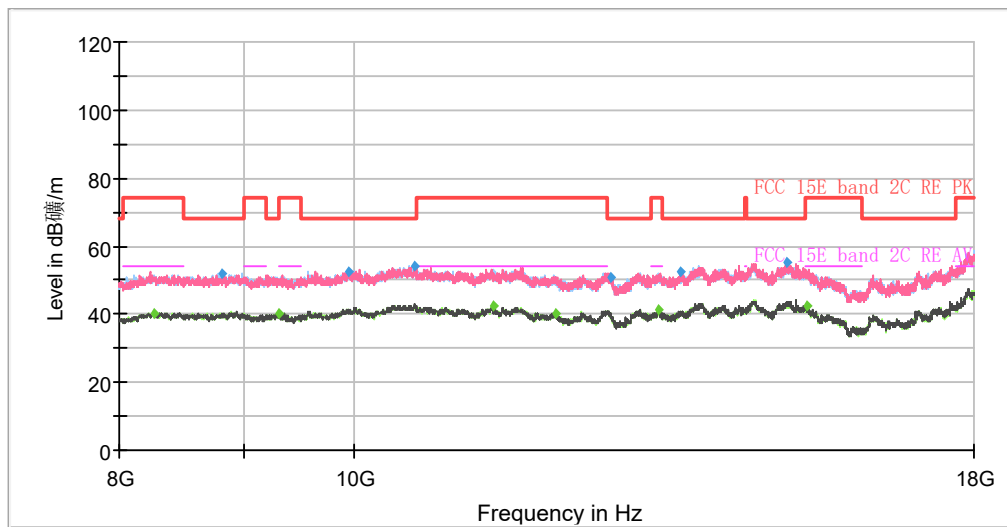
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11ac (VHT40) CH142



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



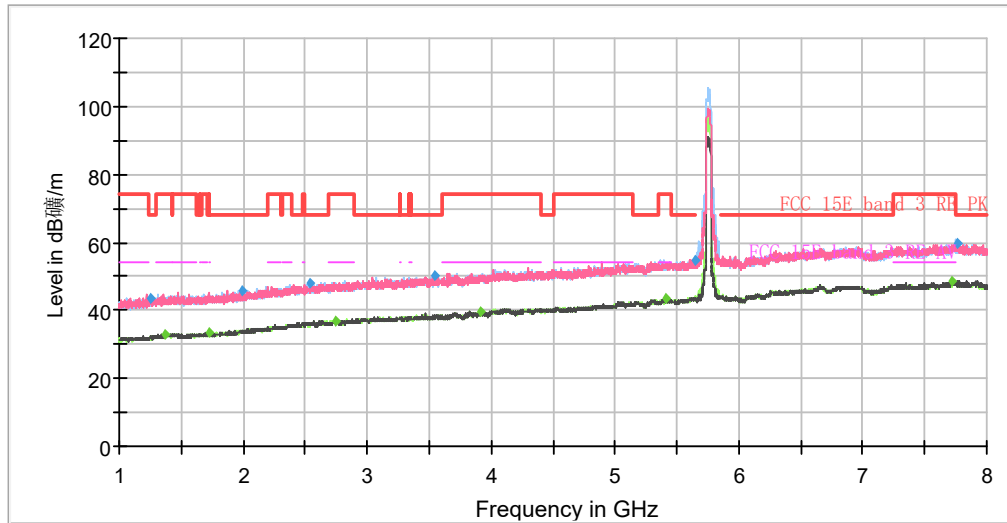
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1258.13         | 43.05                  | ---                    | 68.20                | 25.15       | 500.00          | 200.0       | H   | 114.00        | -2           |
| 1391.13         | ---                    | 32.39                  | 54.00                | 21.61       | 500.00          | 100.0       | H   | 0.00          | -1           |
| 1709.63         | ---                    | 32.75                  | 54.00                | 21.25       | 500.00          | 100.0       | V   | 166.00        | 0            |
| 1902.13         | 45.19                  | ---                    | 68.20                | 23.01       | 500.00          | 100.0       | V   | 316.00        | 0            |
| 2653.75         | 48.19                  | ---                    | 68.20                | 20.01       | 500.00          | 100.0       | H   | 314.00        | 4            |
| 2725.50         | ---                    | 36.68                  | 54.00                | 17.32       | 500.00          | 100.0       | V   | 0.00          | 4            |
| 3393.13         | 49.62                  | ---                    | 68.20                | 18.58       | 500.00          | 200.0       | H   | 1.00          | 5            |
| 3999.50         | ---                    | 39.86                  | 54.00                | 14.14       | 500.00          | 100.0       | V   | 67.00         | 6            |
| 5316.38         | 54.72                  | ---                    | 68.20                | 13.48       | 500.00          | 100.0       | V   | 179.00        | 11           |
| 5452.88         | ---                    | 43.58                  | 54.00                | 10.42       | 500.00          | 100.0       | V   | 4.00          | 11           |
| 7680.63         | ---                    | 48.31                  | 54.00                | 5.69        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7877.50         | 60.02                  | ---                    | 68.20                | 8.18        | 500.00          | 200.0       | V   | 281.00        | 17           |

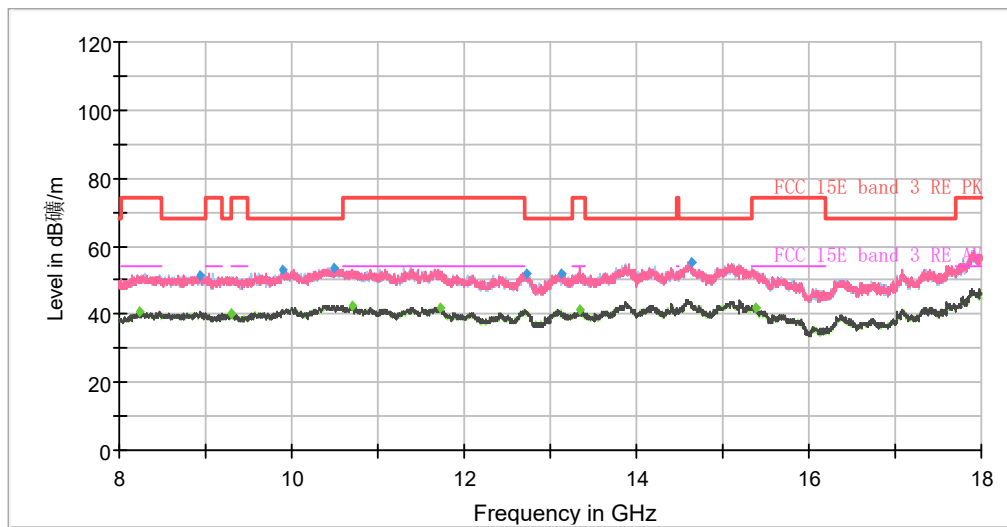
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH151



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



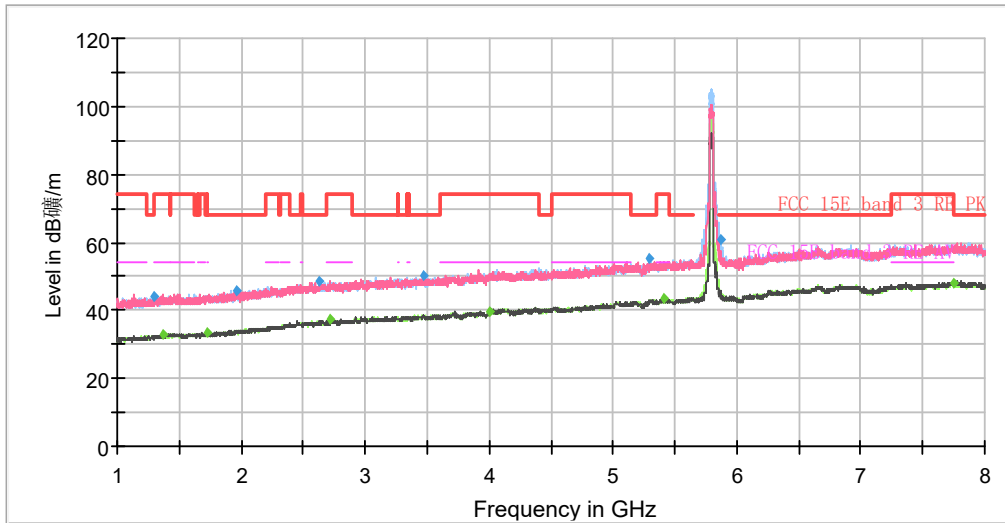
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1245.00         | 43.78                  | ---                    | 68.20                | 24.42       | 500.00          | 200.0       | V   | 267.00        | -2           |
| 1372.75         | ---                    | 33.12                  | 54.00                | 20.88       | 500.00          | 100.0       | H   | 202.00        | -1           |
| 1721.88         | ---                    | 33.65                  | 54.00                | 20.35       | 500.00          | 100.0       | V   | 117.00        | 0            |
| 1992.25         | 45.58                  | ---                    | 68.20                | 22.62       | 500.00          | 100.0       | H   | 352.00        | 1            |
| 2533.88         | 48.16                  | ---                    | 68.20                | 20.04       | 500.00          | 200.0       | V   | 341.00        | 3            |
| 2750.88         | ---                    | 36.99                  | 54.00                | 17.01       | 500.00          | 100.0       | V   | 358.00        | 4            |
| 3545.38         | 50.37                  | ---                    | 68.20                | 17.83       | 500.00          | 200.0       | V   | 55.00         | 5            |
| 3919.88         | ---                    | 39.87                  | 54.00                | 14.13       | 500.00          | 200.0       | H   | 6.00          | 6            |
| 5410.00         | ---                    | 43.29                  | 54.00                | 10.71       | 500.00          | 200.0       | V   | 0.00          | 11           |
| 5648.00         | 54.90                  | ---                    | 68.20                | 13.30       | 500.00          | 100.0       | H   | 340.00        | 11           |
| 7725.25         | ---                    | 48.47                  | 54.00                | 5.53        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7769.88         | 59.92                  | ---                    | 68.20                | 8.28        | 500.00          | 100.0       | V   | 245.00        | 17           |

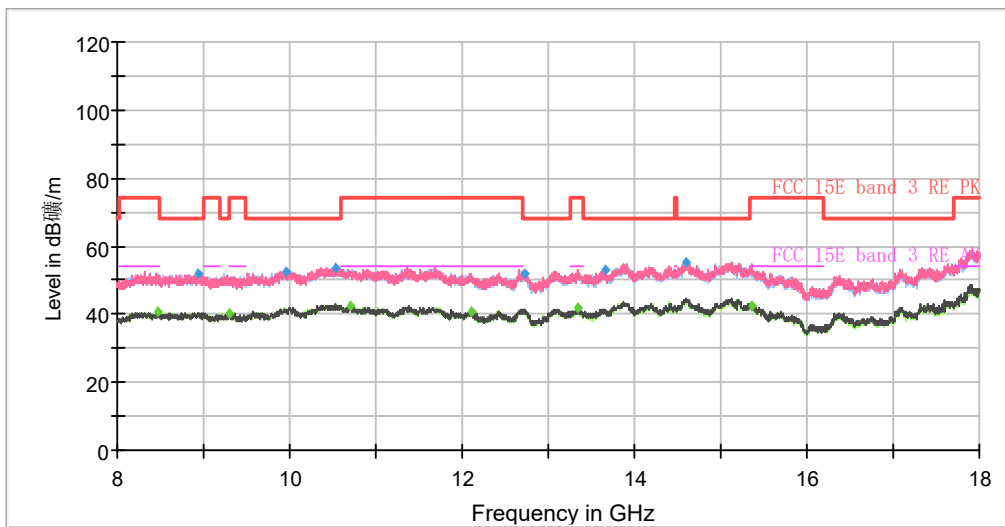
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT40) CH159



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



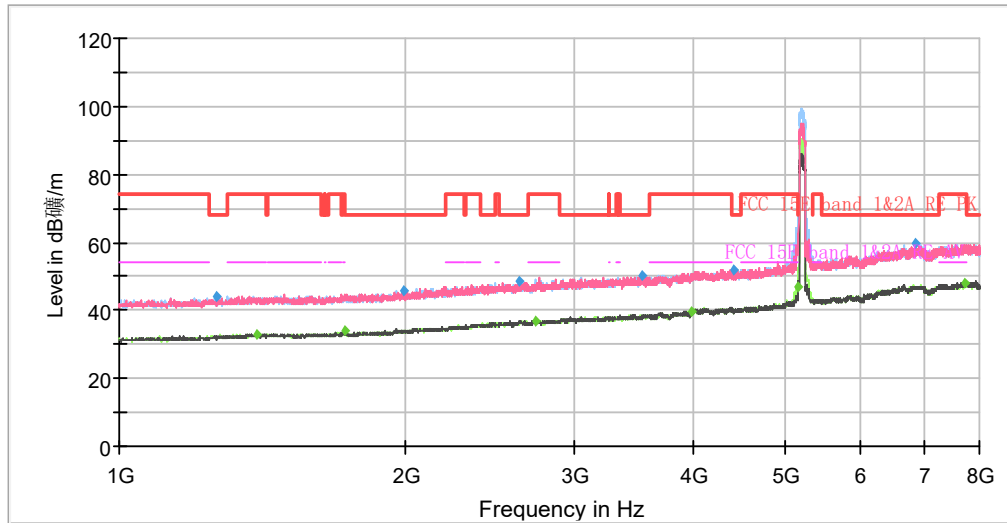
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1292.25         | 44.06                  | ---                    | 68.20                | 24.14       | 500.00          | 200.0       | H   | 194.00        | -2           |
| 1375.38         | ---                    | 32.92                  | 54.00                | 21.08       | 500.00          | 100.0       | V   | 119.00        | -1           |
| 1720.13         | ---                    | 33.33                  | 54.00                | 20.67       | 500.00          | 100.0       | H   | 320.00        | 0            |
| 1959.00         | 45.77                  | ---                    | 68.20                | 22.43       | 500.00          | 200.0       | V   | 57.00         | 1            |
| 2633.63         | 48.32                  | ---                    | 68.20                | 19.88       | 500.00          | 200.0       | V   | 117.00        | 4            |
| 2721.13         | ---                    | 37.32                  | 54.00                | 16.68       | 500.00          | 100.0       | V   | 215.00        | 4            |
| 3466.63         | 50.19                  | ---                    | 68.20                | 18.01       | 500.00          | 100.0       | H   | 93.00         | 5            |
| 3999.50         | ---                    | 39.57                  | 54.00                | 14.43       | 500.00          | 100.0       | H   | 59.00         | 6            |
| 5298.00         | 55.52                  | ---                    | 68.20                | 12.68       | 500.00          | 200.0       | V   | 57.00         | 11           |
| 5416.13         | ---                    | 43.36                  | 54.00                | 10.64       | 500.00          | 200.0       | H   | 151.00        | 11           |
| 5871.13         | 60.90                  | ---                    | 68.20                | 7.30        | 500.00          | 200.0       | H   | 323.00        | 11           |
| 7741.88         | ---                    | 48.10                  | 54.00                | 5.90        | 500.00          | 100.0       | V   | 64.00         | 17           |

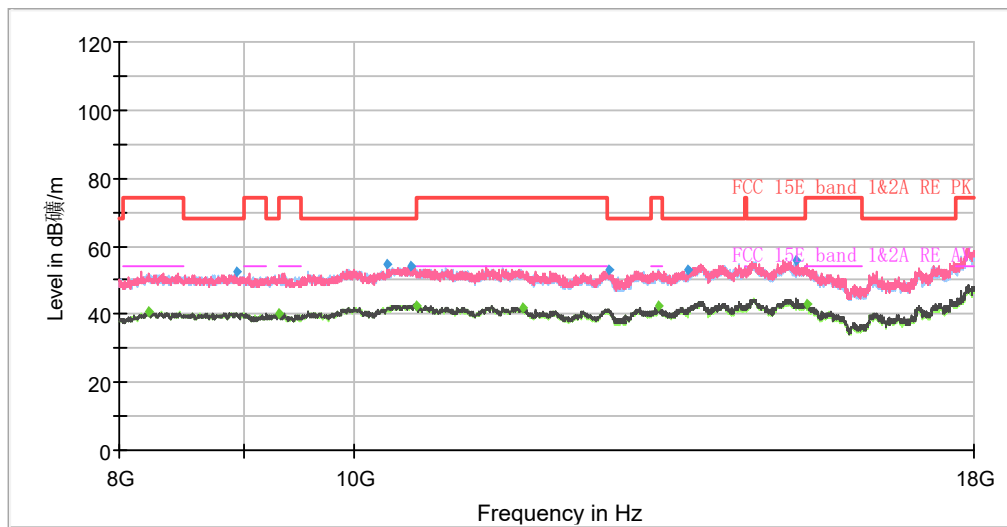
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

# 802.11ac (VHT80) CH42



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



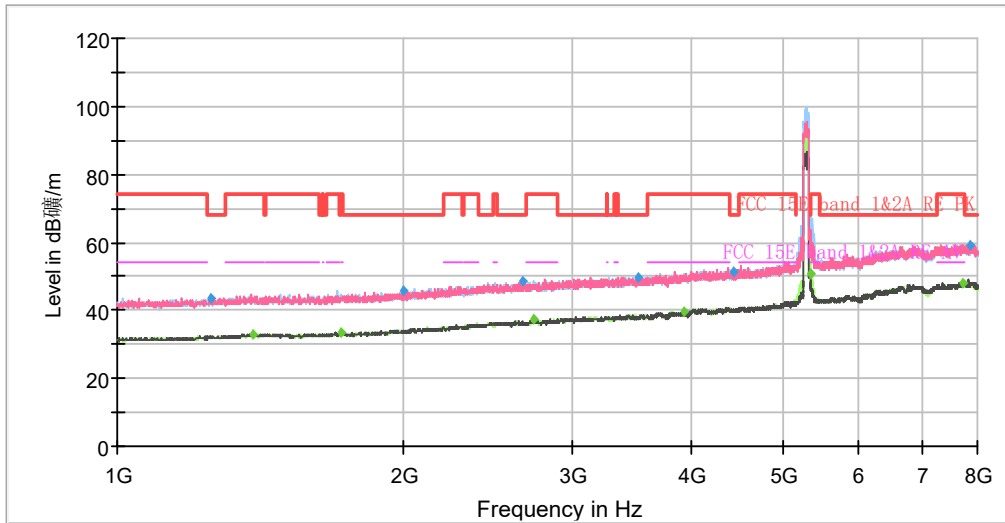
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1265.13         | 43.91                  | ---                    | 68.20                | 24.29       | 500.00          | 100.0       | H   | 102.00        | -2           |
| 1392.00         | ---                    | 32.91                  | 54.00                | 21.09       | 500.00          | 100.0       | V   | 252.00        | -1           |
| 1721.88         | ---                    | 33.98                  | 54.00                | 20.02       | 500.00          | 200.0       | V   | 32.00         | 0            |
| 1987.88         | 45.74                  | ---                    | 68.20                | 22.46       | 500.00          | 100.0       | H   | 102.00        | 1            |
| 2630.13         | 48.74                  | ---                    | 68.20                | 19.46       | 500.00          | 100.0       | H   | 4.00          | 4            |
| 2738.63         | ---                    | 37.02                  | 54.00                | 16.98       | 500.00          | 200.0       | V   | 292.00        | 4            |
| 3542.75         | 50.27                  | ---                    | 68.20                | 17.93       | 500.00          | 200.0       | H   | 222.00        | 5            |
| 3996.00         | ---                    | 39.62                  | 54.00                | 14.38       | 500.00          | 100.0       | V   | 356.00        | 6            |
| 4423.00         | 51.82                  | ---                    | 68.20                | 16.38       | 500.00          | 100.0       | H   | 62.00         | 7            |
| 5149.25         | ---                    | 46.92                  | 54.00                | 7.08        | 500.00          | 100.0       | H   | 175.00        | 10           |
| 6839.75         | 59.56                  | ---                    | 68.20                | 8.64        | 500.00          | 200.0       | H   | 0.00          | 13           |
| 7707.75         | ---                    | 48.15                  | 54.00                | 5.85        | 500.00          | 100.0       | V   | 18.00         | 17           |

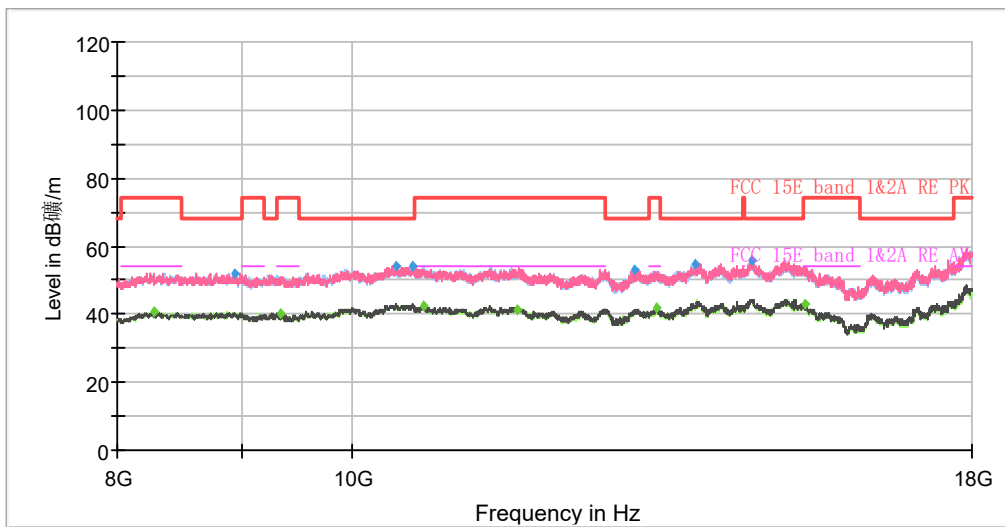
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH58



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



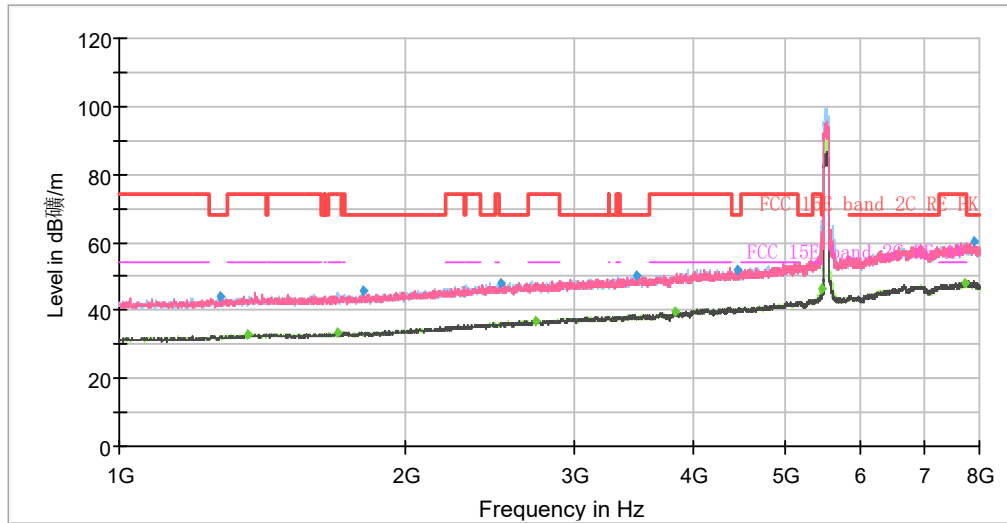
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1256.38         | 43.48                  | ---                    | 68.20                | 24.72       | 500.00          | 100.0       | H   | 120.00        | -2           |
| 1390.25         | ---                    | 33.06                  | 54.00                | 20.94       | 500.00          | 200.0       | H   | 184.00        | -1           |
| 1719.25         | ---                    | 33.54                  | 54.00                | 20.46       | 500.00          | 200.0       | H   | 0.00          | 0            |
| 1996.63         | 45.72                  | ---                    | 68.20                | 22.48       | 500.00          | 100.0       | V   | 0.00          | 1            |
| 2667.75         | 48.40                  | ---                    | 68.20                | 19.80       | 500.00          | 100.0       | V   | 254.00        | 4            |
| 2741.25         | ---                    | 37.17                  | 54.00                | 16.83       | 500.00          | 100.0       | H   | 24.00         | 4            |
| 3521.75         | 49.88                  | ---                    | 68.20                | 18.32       | 500.00          | 200.0       | V   | 0.00          | 5            |
| 3927.75         | ---                    | 39.66                  | 54.00                | 14.34       | 500.00          | 100.0       | V   | 351.00        | 6            |
| 4435.25         | 51.32                  | ---                    | 68.20                | 16.88       | 500.00          | 200.0       | H   | 356.00        | 7            |
| 5350.50         | ---                    | 50.82                  | 54.00                | 3.18        | 500.00          | 100.0       | H   | 179.00        | 11           |
| 7707.75         | ---                    | 48.08                  | 54.00                | 5.92        | 500.00          | 100.0       | V   | 357.00        | 17           |
| 7876.63         | 59.33                  | ---                    | 68.20                | 8.87        | 500.00          | 200.0       | V   | 278.00        | 17           |

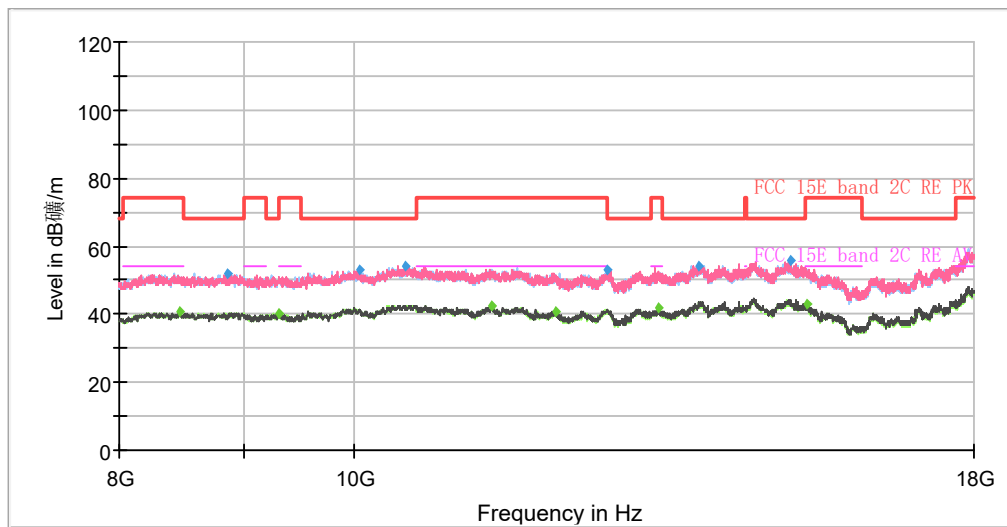
**Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)**

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

802.11ac (VHT80) CH106



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



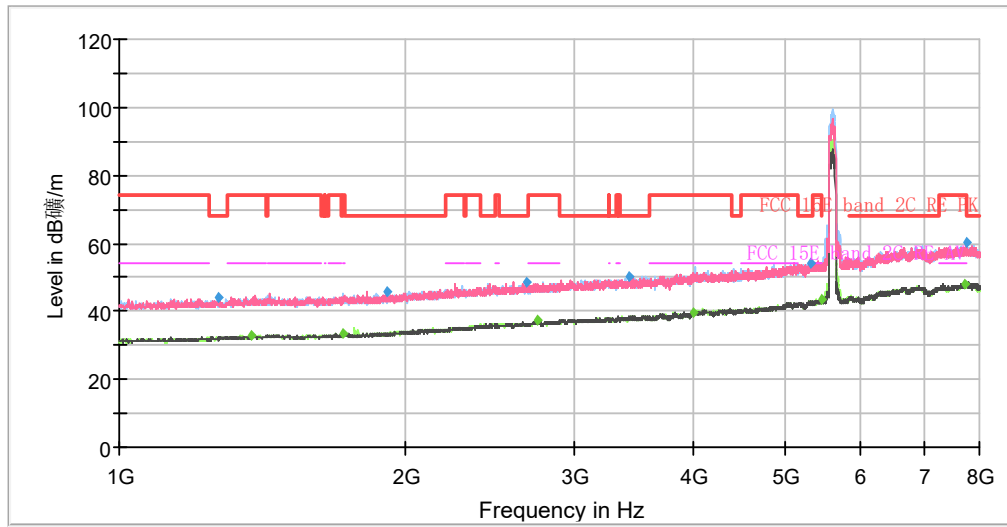
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1277.38         | 44.24                  | ---                    | 68.20                | 23.96       | 500.00          | 100.0       | V   | 346.00        | -2           |
| 1363.13         | ---                    | 32.99                  | 54.00                | 21.01       | 500.00          | 100.0       | H   | 0.00          | -1           |
| 1692.13         | ---                    | 33.41                  | 54.00                | 20.59       | 500.00          | 200.0       | H   | 351.00        | 0            |
| 1806.75         | 45.91                  | ---                    | 68.20                | 22.29       | 500.00          | 100.0       | V   | 353.00        | 0            |
| 2511.13         | 48.07                  | ---                    | 68.20                | 20.13       | 500.00          | 100.0       | V   | 357.00        | 3            |
| 2739.50         | ---                    | 37.05                  | 54.00                | 16.95       | 500.00          | 100.0       | H   | 310.00        | 4            |
| 3499.00         | 50.21                  | ---                    | 68.20                | 17.99       | 500.00          | 200.0       | V   | 156.00        | 5            |
| 3837.63         | ---                    | 39.85                  | 54.00                | 14.15       | 500.00          | 200.0       | V   | 42.00         | 6            |
| 4459.75         | 51.82                  | ---                    | 68.20                | 16.38       | 500.00          | 100.0       | V   | 357.00        | 7            |
| 5453.75         | ---                    | 46.59                  | 54.00                | 7.41        | 500.00          | 100.0       | H   | 336.00        | 11           |
| 7730.50         | ---                    | 48.13                  | 54.00                | 5.87        | 500.00          | 100.0       | V   | 353.00        | 17           |
| 7903.75         | 60.01                  | ---                    | 68.20                | 8.19        | 500.00          | 100.0       | H   | 129.00        | 17           |

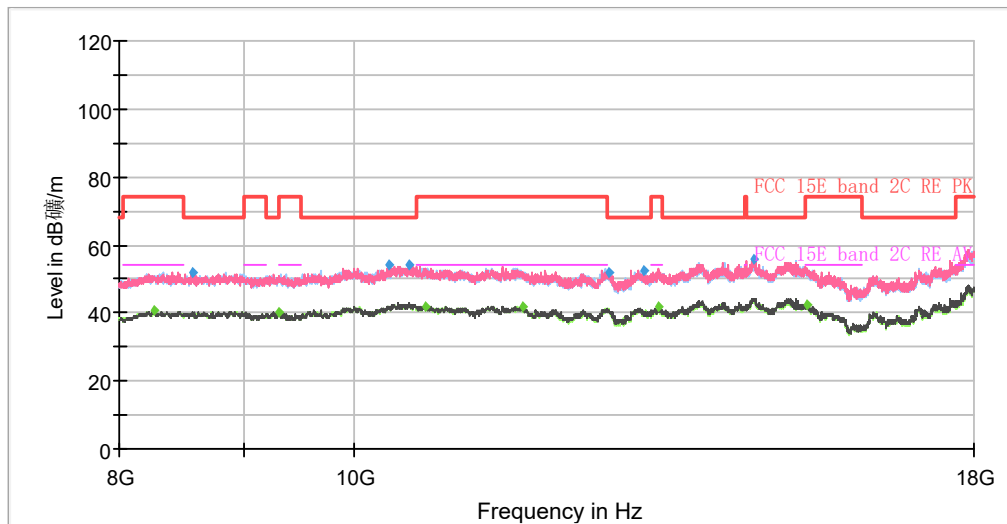
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH122



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



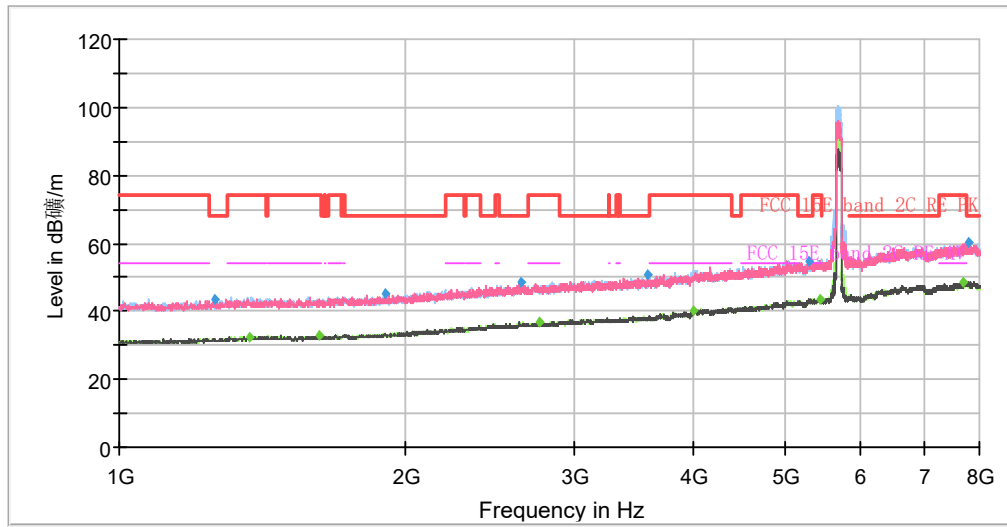
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1268.63         | 44.28                  | ---                    | 68.20                | 23.92       | 500.00          | 200.0       | H   | 347.00        | -2           |
| 1373.63         | ---                    | 32.95                  | 54.00                | 21.05       | 500.00          | 200.0       | V   | 68.00         | -1           |
| 1721.00         | ---                    | 33.52                  | 54.00                | 20.48       | 500.00          | 100.0       | V   | 153.00        | 0            |
| 1910.00         | 45.72                  | ---                    | 68.20                | 22.48       | 500.00          | 200.0       | V   | 0.00          | 0            |
| 2675.63         | 48.34                  | ---                    | 68.20                | 19.86       | 500.00          | 100.0       | H   | 3.00          | 4            |
| 2748.25         | ---                    | 37.12                  | 54.00                | 16.88       | 500.00          | 200.0       | V   | 37.00         | 4            |
| 3433.38         | 50.48                  | ---                    | 68.20                | 17.72       | 500.00          | 200.0       | H   | 154.00        | 5            |
| 3997.75         | ---                    | 39.71                  | 54.00                | 14.29       | 500.00          | 100.0       | V   | 93.00         | 6            |
| 5315.50         | 54.35                  | ---                    | 68.20                | 13.85       | 500.00          | 200.0       | V   | 0.00          | 11           |
| 5452.88         | ---                    | 43.51                  | 54.00                | 10.49       | 500.00          | 200.0       | V   | 57.00         | 11           |
| 7737.50         | ---                    | 48.19                  | 54.00                | 5.81        | 500.00          | 100.0       | V   | 314.00        | 17           |
| 7759.38         | 60.00                  | ---                    | 68.20                | 8.20        | 500.00          | 200.0       | V   | 105.00        | 17           |

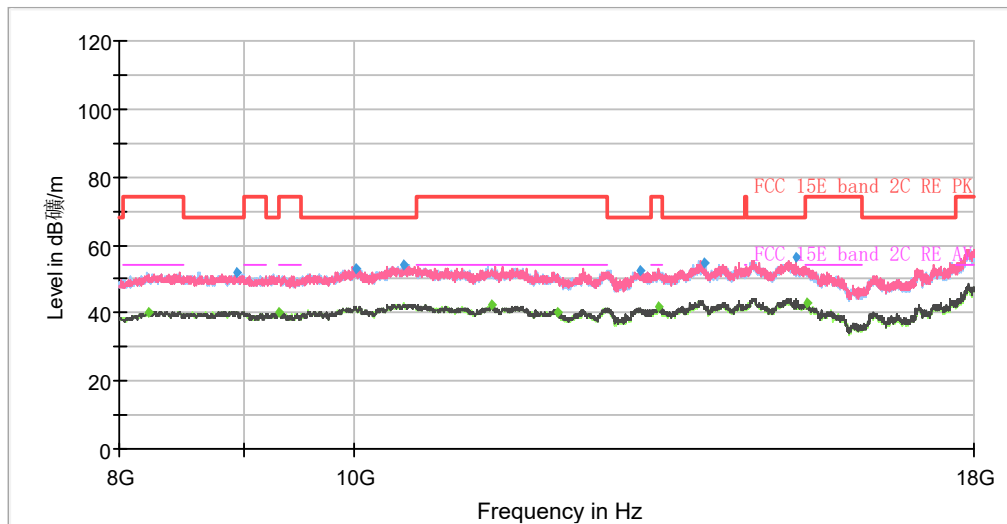
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH138



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



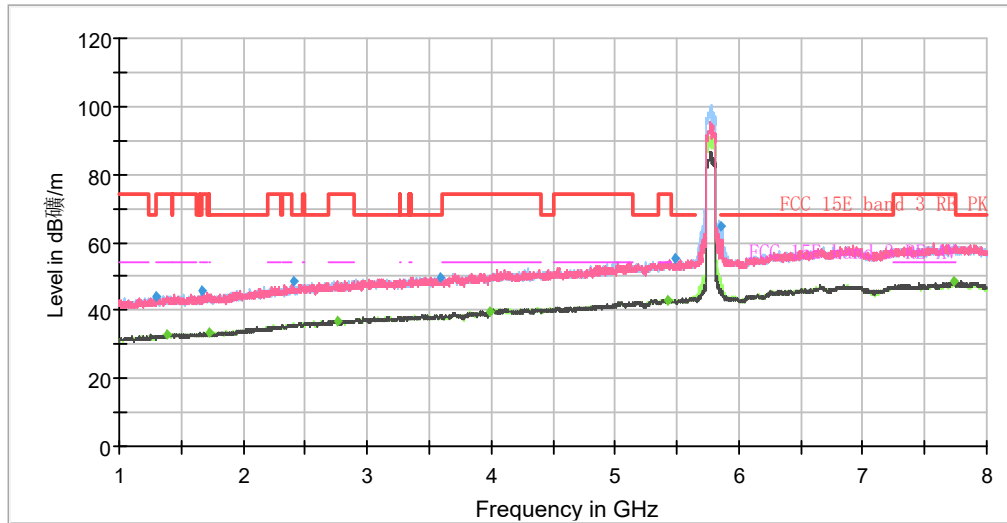
Radiates Emission from 8GHz to 18GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1257.25         | 43.57                  | ---                    | 68.20                | 24.63       | 500.00          | 100.0       | V   | 8.00          | -2           |
| 1371.88         | ---                    | 32.56                  | 54.00                | 21.44       | 500.00          | 100.0       | V   | 132.00        | -1           |
| 1623.00         | ---                    | 32.90                  | 54.00                | 21.10       | 500.00          | 200.0       | H   | 2.00          | -1           |
| 1903.00         | 45.29                  | ---                    | 68.20                | 22.91       | 500.00          | 100.0       | H   | 232.00        | 0            |
| 2640.63         | 48.41                  | ---                    | 68.20                | 19.79       | 500.00          | 100.0       | H   | 359.00        | 4            |
| 2762.25         | ---                    | 36.80                  | 54.00                | 17.20       | 500.00          | 200.0       | H   | 247.00        | 4            |
| 3592.63         | 50.55                  | ---                    | 68.20                | 17.65       | 500.00          | 100.0       | V   | 132.00        | 5            |
| 3998.63         | ---                    | 40.01                  | 54.00                | 13.99       | 500.00          | 200.0       | V   | 204.00        | 6            |
| 5291.88         | 54.69                  | ---                    | 68.20                | 13.51       | 500.00          | 200.0       | H   | 32.00         | 11           |
| 5451.13         | ---                    | 43.47                  | 54.00                | 10.53       | 500.00          | 100.0       | V   | 169.00        | 11           |
| 7680.63         | ---                    | 48.35                  | 54.00                | 5.65        | 500.00          | 100.0       | V   | 0.00          | 17           |
| 7795.25         | 60.14                  | ---                    | 68.20                | 8.06        | 500.00          | 200.0       | V   | 358.00        | 17           |

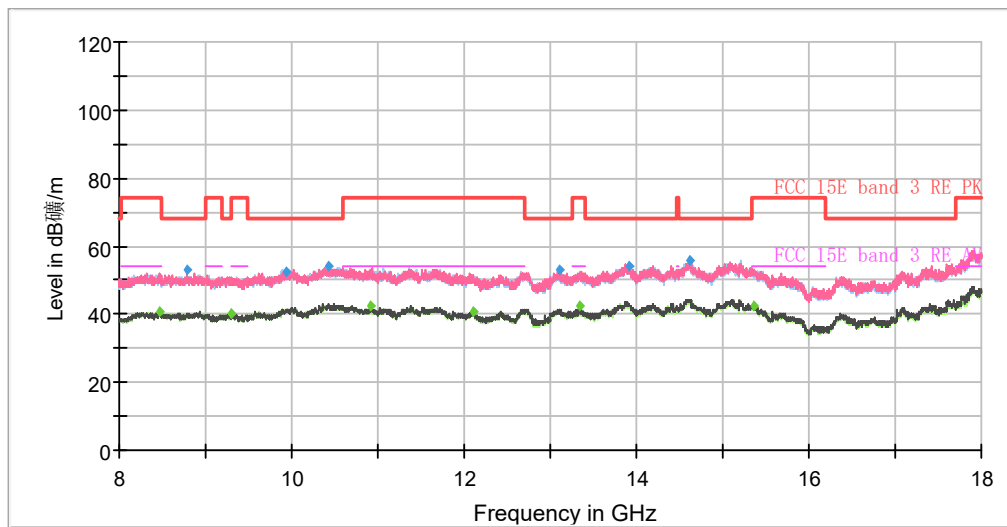
Remark: 1. Correction Factor = Antenna factor + Insertion loss (cable loss + amplifier gain)

2. Margin = Limit –MAX Peak/ Average

802.11ac (VHT80) CH155



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



Radiates Emission from 8GHz to 18GHz

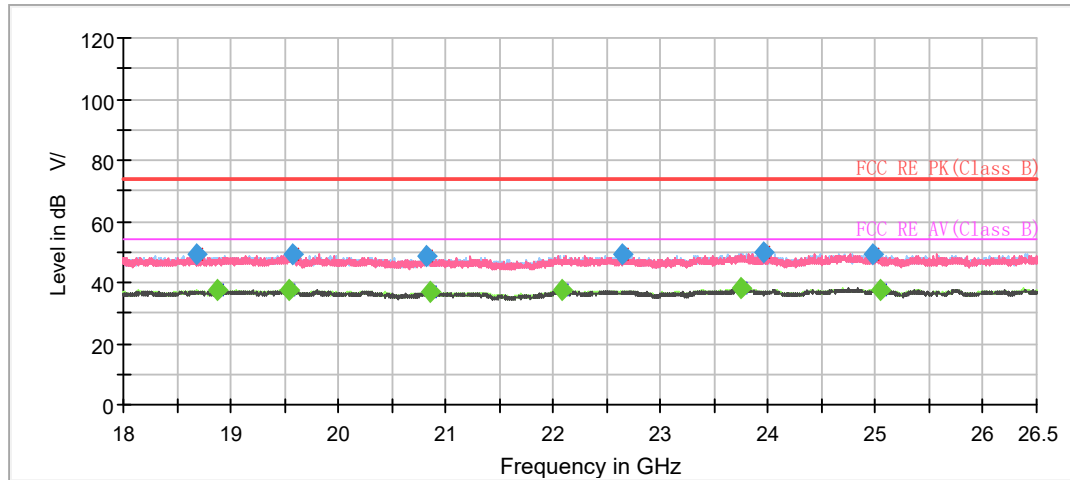
| Frequency (MHz) | MaxPeak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Meas. Time (ms) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 1289.63         | 44.23                  | ---                    | 68.20                | 23.97       | 500.00          | 200.0       | V   | 113.00        | -2           |
| 1378.00         | ---                    | 32.92                  | 54.00                | 21.08       | 500.00          | 200.0       | H   | 263.00        | -1           |
| 1658.88         | 45.87                  | ---                    | 68.20                | 22.33       | 500.00          | 100.0       | H   | 5.00          | -1           |
| 1721.00         | ---                    | 33.64                  | 54.00                | 20.36       | 500.00          | 200.0       | V   | 287.00        | 0            |
| 2401.75         | 48.45                  | ---                    | 68.20                | 19.75       | 500.00          | 200.0       | H   | 357.00        | 3            |
| 2757.00         | ---                    | 37.03                  | 54.00                | 16.97       | 500.00          | 200.0       | H   | 322.00        | 4            |
| 3589.13         | 49.76                  | ---                    | 68.20                | 18.44       | 500.00          | 100.0       | V   | 38.00         | 5            |
| 3985.50         | ---                    | 39.67                  | 54.00                | 14.33       | 500.00          | 200.0       | V   | 121.00        | 6            |
| 5420.50         | ---                    | 43.22                  | 54.00                | 10.78       | 500.00          | 200.0       | V   | 0.00          | 11           |
| 5478.25         | 55.15                  | ---                    | 68.20                | 13.05       | 500.00          | 200.0       | H   | 254.00        | 11           |
| 5859.75         | 64.59                  | ---                    | 68.20                | 3.61        | 500.00          | 100.0       | H   | 331.00        | 11           |
| 7735.75         | ---                    | 48.68                  | 54.00                | 5.32        | 500.00          | 100.0       | V   | 97.00         | 17           |

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

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

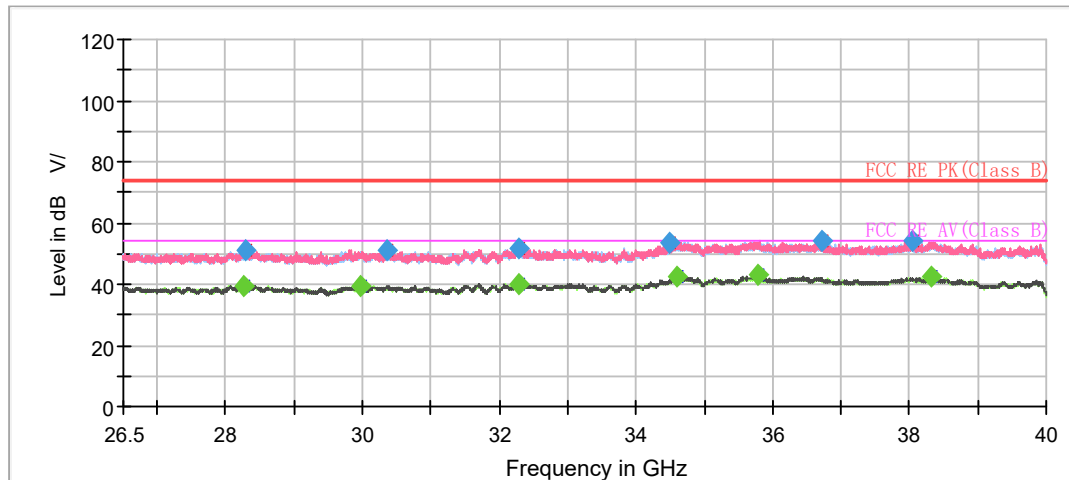
During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels, 802.11ac (VHT80), Channel 58 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

A symbol (dB  $\mu$ V/m) in the test plot below means (dB $\mu$ V/m)



Radiates Emission from 18GHz to 26.5GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 18686.375000    | 48.97                  | ---                    | 74.00                | 25.03       | 500.0           | 200.0       | V   | 123.0         | -5.6         |
| 18874.437500    | ---                    | 37.35                  | 54.00                | 16.65       | 500.0           | 200.0       | V   | 164.0         | -5.6         |
| 19543.812500    | ---                    | 37.71                  | 54.00                | 16.29       | 500.0           | 200.0       | V   | 0.0           | -5.3         |
| 19577.812500    | 49.43                  | ---                    | 74.00                | 24.57       | 500.0           | 200.0       | V   | 270.0         | -5.3         |
| 20822.000000    | 48.35                  | ---                    | 74.00                | 25.65       | 500.0           | 200.0       | H   | 188.0         | -5.1         |
| 20848.562500    | ---                    | 36.77                  | 54.00                | 17.23       | 500.0           | 200.0       | V   | 8.0           | -5.1         |
| 22077.875000    | ---                    | 37.31                  | 54.00                | 16.69       | 500.0           | 200.0       | H   | 351.0         | -4.1         |
| 22641.000000    | 49.26                  | ---                    | 74.00                | 24.74       | 500.0           | 200.0       | H   | 265.0         | -4.0         |
| 23749.187500    | ---                    | 38.34                  | 54.00                | 15.66       | 500.0           | 200.0       | H   | 0.0           | -2.3         |
| 23964.875000    | 49.94                  | ---                    | 74.00                | 24.06       | 500.0           | 200.0       | H   | 140.0         | -2.9         |
| 24979.562500    | 49.28                  | ---                    | 74.00                | 24.72       | 500.0           | 200.0       | H   | 286.0         | -2.5         |
| 25042.250000    | ---                    | 37.30                  | 54.00                | 16.70       | 500.0           | 200.0       | H   | 102.0         | -2.5         |



Radiates Emission from 26.5GHz to 40GHz

| 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) |
|-----------------|------------------------|------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 28261.750000    | ---                    | 39.64                  | 54.00                | 14.36       | 500.0           | 200.0       | H   | 248.0         | 0.0          |
| 28282.000000    | 51.30                  | ---                    | 74.00                | 22.70       | 500.0           | 200.0       | V   | 288.0         | 0.0          |
| 29971.187500    | ---                    | 39.61                  | 54.00                | 14.39       | 500.0           | 200.0       | H   | 298.0         | -0.4         |
| 30352.562500    | 50.90                  | ---                    | 74.00                | 23.10       | 500.0           | 200.0       | H   | 238.0         | -0.6         |
| 32278.000000    | ---                    | 40.21                  | 54.00                | 13.79       | 500.0           | 200.0       | H   | 343.0         | -1.2         |
| 32286.437500    | 51.74                  | ---                    | 74.00                | 22.26       | 500.0           | 200.0       | H   | 0.0           | -1.2         |
| 34498.750000    | 53.75                  | ---                    | 74.00                | 20.25       | 500.0           | 200.0       | H   | 258.0         | 2.4          |
| 34591.562500    | ---                    | 42.33                  | 54.00                | 11.67       | 500.0           | 200.0       | H   | 283.0         | 2.8          |
| 35774.500000    | ---                    | 43.02                  | 54.00                | 10.98       | 500.0           | 200.0       | H   | 273.0         | 3.2          |
| 36711.062500    | 54.24                  | ---                    | 74.00                | 19.76       | 500.0           | 200.0       | V   | 31.0          | 3.3          |
| 38042.500000    | 54.11                  | ---                    | 74.00                | 19.89       | 500.0           | 200.0       | H   | 89.0          | 3.7          |
| 38327.687500    | ---                    | 42.62                  | 54.00                | 11.38       | 500.0           | 200.0       | H   | 37.0          | 3.7          |

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

2. Margin = Limit-MAX Peak/ Average

## 5.6. Conducted Emission

### Ambient condition

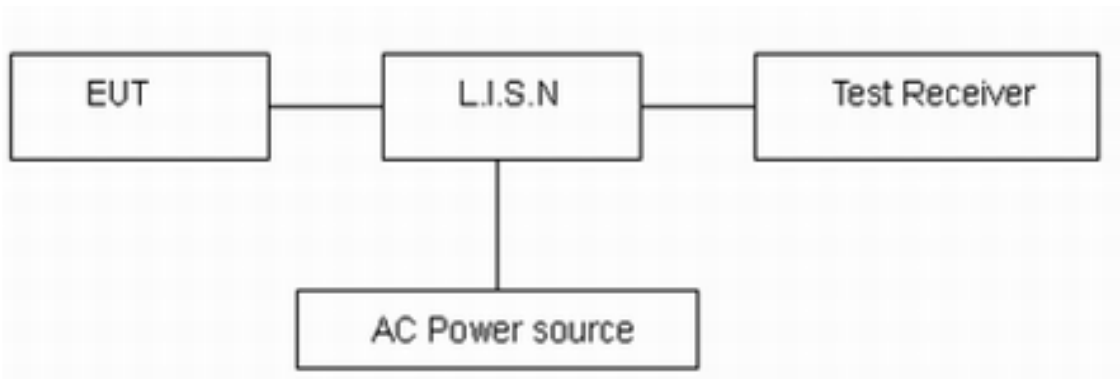
| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.5kPa |

### 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 120V/60Hz.

### Limits

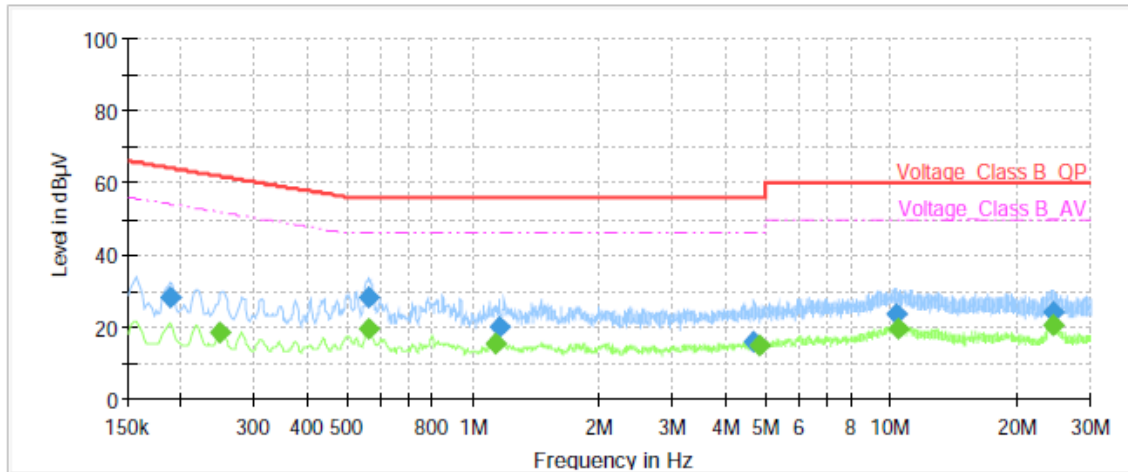
| Frequency (MHz)                                   | Conducted Limits(dBμV) |           |
|---------------------------------------------------|------------------------|-----------|
|                                                   | Quasi-peak             | Average   |
| 0.15 - 0.5                                        | 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:

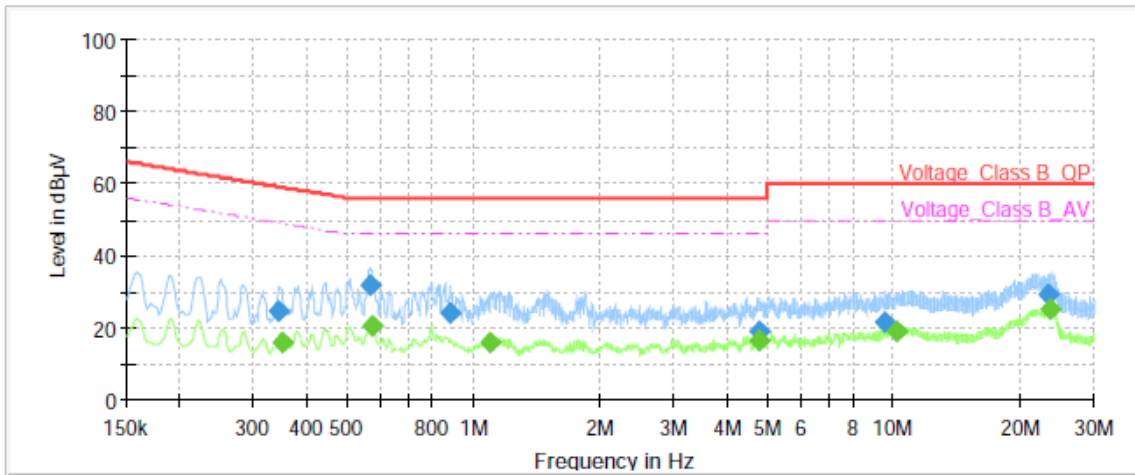
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11ac (VHT80), Channel 58 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.19            | 28.13            | ---            | 64.11        | 35.98       | 1000.0          | 9.000           | L1   | ON     | 21.1       |
| 0.25            | ---              | 18.61          | 51.79        | 33.18       | 1000.0          | 9.000           | L1   | ON     | 21.1       |
| 0.56            | ---              | 19.65          | 46.00        | 26.35       | 1000.0          | 9.000           | L1   | ON     | 20.8       |
| 0.56            | 28.40            | ---            | 56.00        | 27.60       | 1000.0          | 9.000           | L1   | ON     | 20.8       |
| 1.14            | ---              | 15.14          | 46.00        | 30.86       | 1000.0          | 9.000           | L1   | ON     | 20.1       |
| 1.16            | 20.16            | ---            | 56.00        | 35.84       | 1000.0          | 9.000           | L1   | ON     | 20.1       |
| 4.71            | 15.95            | ---            | 56.00        | 40.05       | 1000.0          | 9.000           | L1   | ON     | 19.5       |
| 4.83            | ---              | 14.82          | 46.00        | 31.18       | 1000.0          | 9.000           | L1   | ON     | 19.5       |
| 10.29           | 23.54            | ---            | 60.00        | 36.46       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 10.38           | ---              | 19.27          | 50.00        | 30.73       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 24.31           | ---              | 20.74          | 50.00        | 29.26       | 1000.0          | 9.000           | L1   | ON     | 19.7       |
| 24.50           | 24.00            | ---            | 60.00        | 36.00       | 1000.0          | 9.000           | L1   | ON     | 19.7       |

**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) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.35            | 24.44            | ---            | 59.06        | 34.62       | 1000.0          | 9.000           | N    | ON     | 21.0       |
| 0.35            | ---              | 15.65          | 48.96        | 33.31       | 1000.0          | 9.000           | N    | ON     | 21.0       |
| 0.57            | 31.87            | ---            | 56.00        | 24.13       | 1000.0          | 9.000           | N    | ON     | 20.8       |
| 0.57            | ---              | 20.70          | 46.00        | 25.30       | 1000.0          | 9.000           | N    | ON     | 20.8       |
| 0.88            | 24.01            | ---            | 56.00        | 31.99       | 1000.0          | 9.000           | N    | ON     | 20.3       |
| 1.10            | ---              | 15.97          | 46.00        | 30.03       | 1000.0          | 9.000           | N    | ON     | 20.2       |
| 4.78            | ---              | 16.24          | 46.00        | 29.76       | 1000.0          | 9.000           | N    | ON     | 19.5       |
| 4.78            | 19.18            | ---            | 56.00        | 36.82       | 1000.0          | 9.000           | N    | ON     | 19.5       |
| 9.57            | 21.29            | ---            | 60.00        | 38.71       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 10.21           | ---              | 18.80          | 50.00        | 31.20       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 23.27           | 29.27            | ---            | 60.00        | 30.73       | 1000.0          | 9.000           | N    | ON     | 19.8       |
| 23.60           | ---              | 25.30          | 50.00        | 24.70       | 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          | NRP18S            | 101954        | 2023-05-12       | 2024-05-11      |
| Spectrum Analyzer        | KEYSIGHT     | N9020A            | MY51330870    | 2023-05-12       | 2024-05-11      |
| DC Power Supply          | UNI-T        | UTP1306S+         | 2205D0517426  | 2022-12-10       | 2023-12-09      |
| Climate Chamber          | ESPEC        | SU-242            | 93000506      | 2022-12-10       | 2023-12-09      |
| Radiated Emission        |              |                   |               |                  |                 |
| EMI Test Receiver        | R&S          | ESC13             | 100948        | 2023-05-12       | 2024-05-11      |
| Signal Analyzer          | R&S          | FSV40             | 101298        | 2023-05-12       | 2024-05-11      |
| TRILOG Broadband Antenna | SCHWARZBECK  | VULB 9163         | 01111         | 2022-10-25       | 2025-10-24      |
| Horn Antenna             | R&S          | HF907             | 102723        | 2021-07-24       | 2024-07-23      |
| Horn Antenna             | ETS-Lindgren | 3160-09           | 00102643      | 2021-10-10       | 2024-10-09      |
| Horn Antenna             | STEATITE     | QSH-SL-26-40-K-15 | 16779         | 2023-01-17       | 2026-01-16      |
| Software                 | R&S          | EMC32             | 9.26.01       | /                | /               |
| Conducted Emission       |              |                   |               |                  |                 |
| Artificial main network  | R&S          | ENV216            | 102191        | 2022-12-13       | 2024-12-09      |
| EMI Test Receiver        | R&S          | ESR               | 101667        | 2023-05-12       | 2024-05-11      |
| Software                 | R&S          | EMC32             | 10.35.10      | /                | /               |

## 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.

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