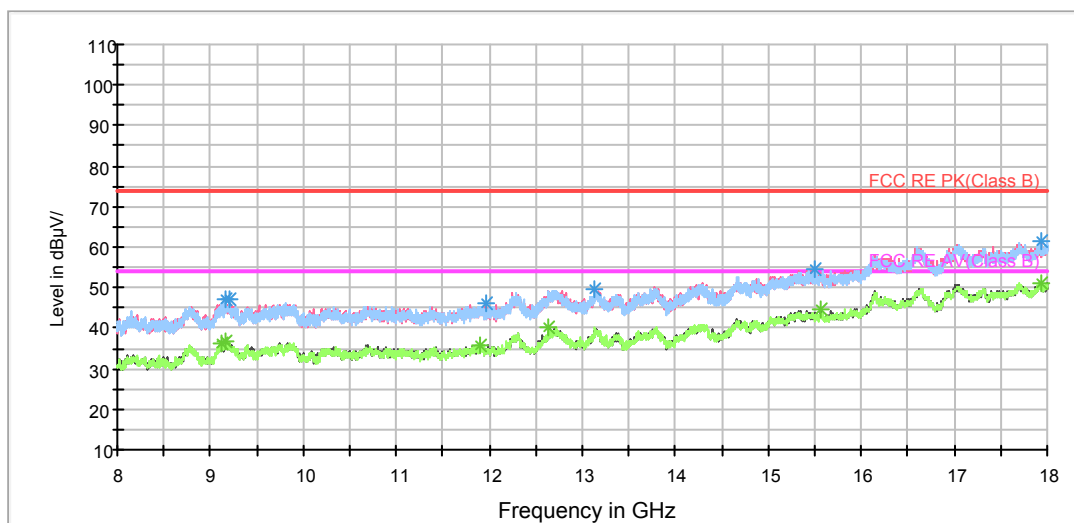


## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3096.875000     | 46.8          | 200.0       | V            | 269.0         | 39.6                   | 7.2                 | 27.2        | 74             |
| 4000.000000     | 50.0          | 200.0       | H            | 4.0           | 41.1                   | 8.9                 | 24.0        | 74             |
| 4881.250000     | 50.0          | 200.0       | H            | 228.0         | 38.2                   | 11.8                | 24.0        | 74             |
| 5910.625000     | 53.1          | 200.0       | V            | 10.0          | 38.3                   | 14.8                | 20.9        | 74             |
| 6649.375000     | 54.3          | 200.0       | V            | 220.0         | 38.8                   | 15.5                | 19.7        | 74             |
| 6996.875000     | 54.9          | 200.0       | V            | 308.0         | 38.4                   | 16.5                | 19.1        | 74             |

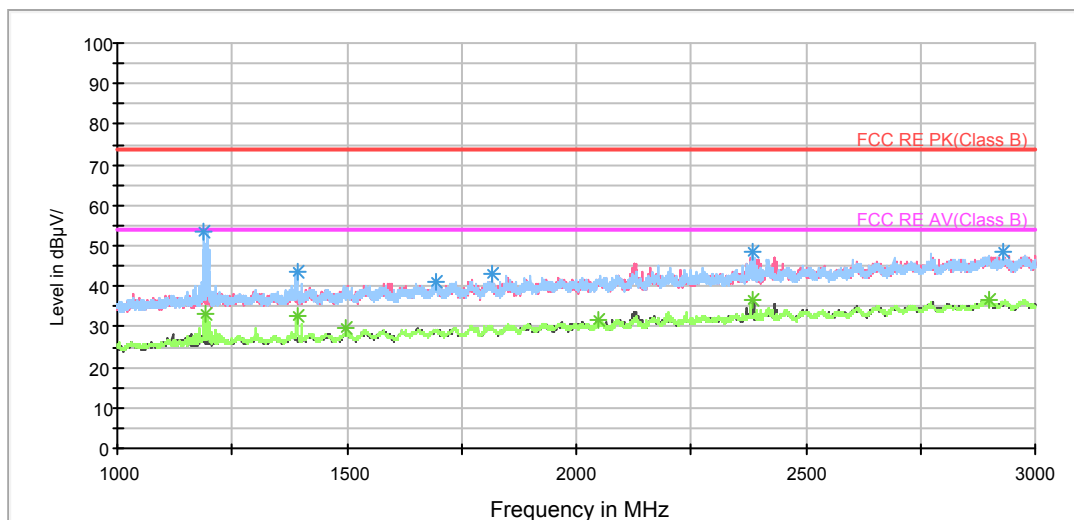
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3102.500000     | 37.0             | 200.0       | H            | 119.0         | 29.8                   | 7.2                 | 17.0        | 54             |
| 4000.000000     | 44.6             | 200.0       | H            | 4.0           | 35.7                   | 8.9                 | 9.4         | 54             |
| 4883.125000     | 39.5             | 200.0       | V            | 318.0         | 27.6                   | 11.9                | 14.5        | 54             |
| 5911.250000     | 46.6             | 200.0       | V            | 34.0          | 31.8                   | 14.8                | 7.4         | 54             |
| 6572.500000     | 43.9             | 200.0       | V            | 201.0         | 28.3                   | 15.6                | 10.1        | 54             |
| 6995.625000     | 45.1             | 200.0       | V            | 141.0         | 28.6                   | 16.5                | 8.9         | 54             |

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

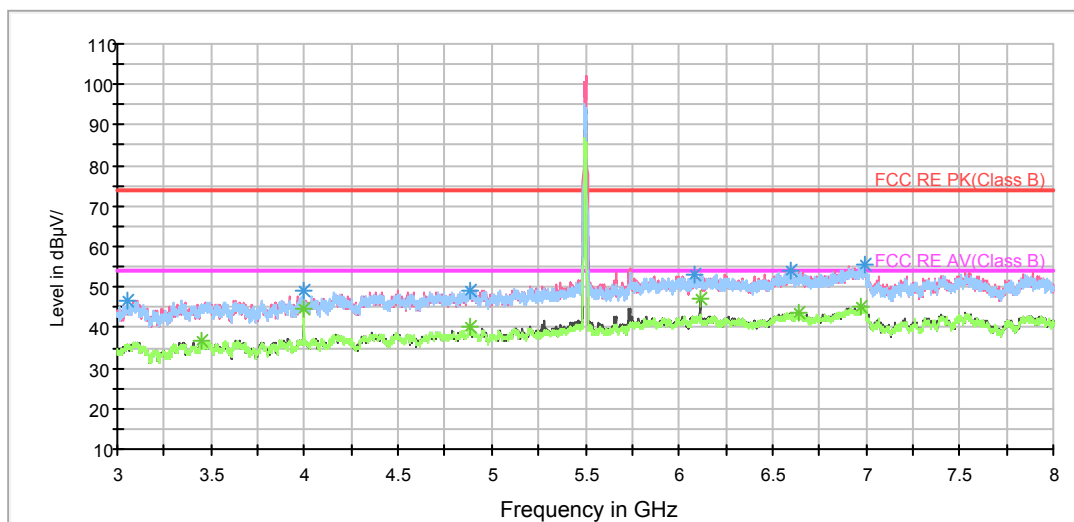
802.11a CH100

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

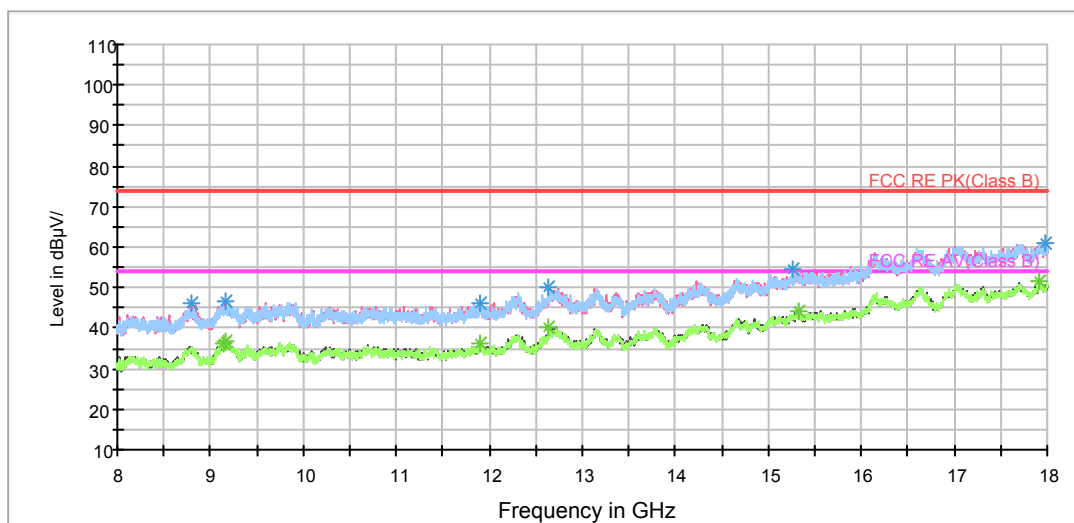
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3049.375000     | 46.5          | 200.0       | H            | 76.0          | 39.7                   | 6.8                 | 27.5        | 74             |
| 4000.000000     | 49.0          | 200.0       | H            | 17.0          | 40.1                   | 8.9                 | 25.0        | 74             |
| 4880.625000     | 49.2          | 200.0       | H            | 76.0          | 37.4                   | 11.8                | 24.8        | 74             |
| 6082.500000     | 53.1          | 200.0       | H            | 273.0         | 37.9                   | 15.2                | 20.9        | 74             |
| 6594.375000     | 53.9          | 200.0       | H            | 56.0          | 38.3                   | 15.6                | 20.1        | 74             |
| 6993.125000     | 55.6          | 200.0       | H            | 293.0         | 39.1                   | 16.5                | 18.4        | 74             |

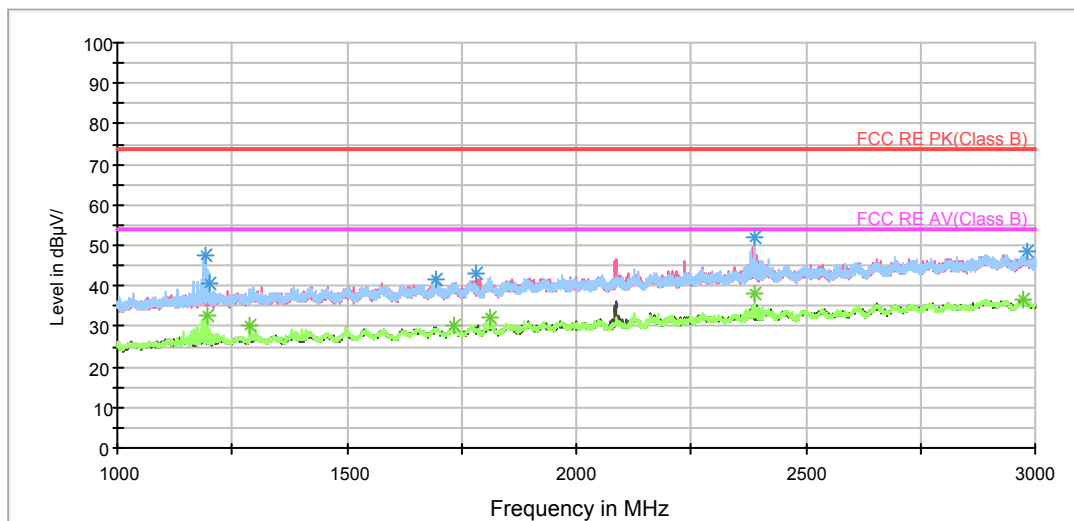
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3446.250000     | 36.6             | 200.0       | V            | 157.0         | 28.9                   | 7.7                 | 17.4        | 54             |
| 4000.000000     | 44.8             | 200.0       | H            | 17.0          | 35.9                   | 8.9                 | 9.2         | 54             |
| 4888.750000     | 40.2             | 200.0       | V            | 295.0         | 28.3                   | 11.9                | 13.8        | 54             |
| 6111.250000     | 47.0             | 200.0       | V            | 23.0          | 31.7                   | 15.3                | 7.0         | 54             |
| 6645.000000     | 43.7             | 200.0       | H            | 17.0          | 28.2                   | 15.5                | 10.3        | 54             |
| 6969.375000     | 45.2             | 200.0       | V            | 0.0           | 28.9                   | 16.3                | 8.8         | 54             |

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

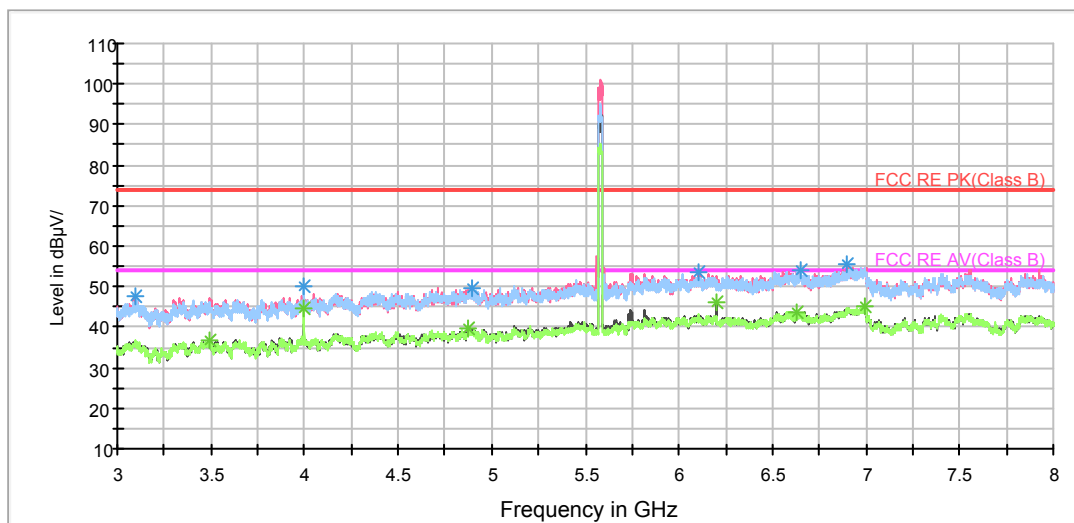
## 802.11a CH116

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

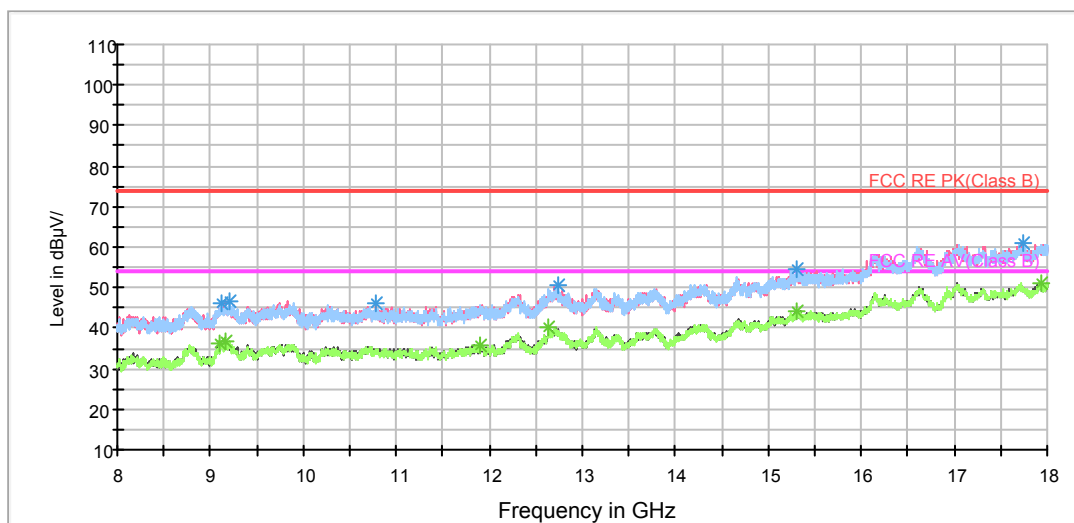
### RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3099.375000     | 47.4          | 200.0       | V            | 0.0           | 40.2                   | 7.2                 | 26.6        | 74             |
| 4000.000000     | 49.9          | 200.0       | H            | 18.0          | 41.0                   | 8.9                 | 24.1        | 74             |
| 4896.875000     | 49.6          | 200.0       | V            | 302.0         | 37.7                   | 11.9                | 24.4        | 74             |
| 6108.750000     | 53.4          | 200.0       | V            | 302.0         | 38.2                   | 15.2                | 20.6        | 74             |
| 6652.500000     | 54.0          | 200.0       | H            | 175.0         | 38.5                   | 15.5                | 20.0        | 74             |
| 6901.875000     | 55.4          | 200.0       | V            | 262.0         | 39.1                   | 16.3                | 18.6        | 74             |

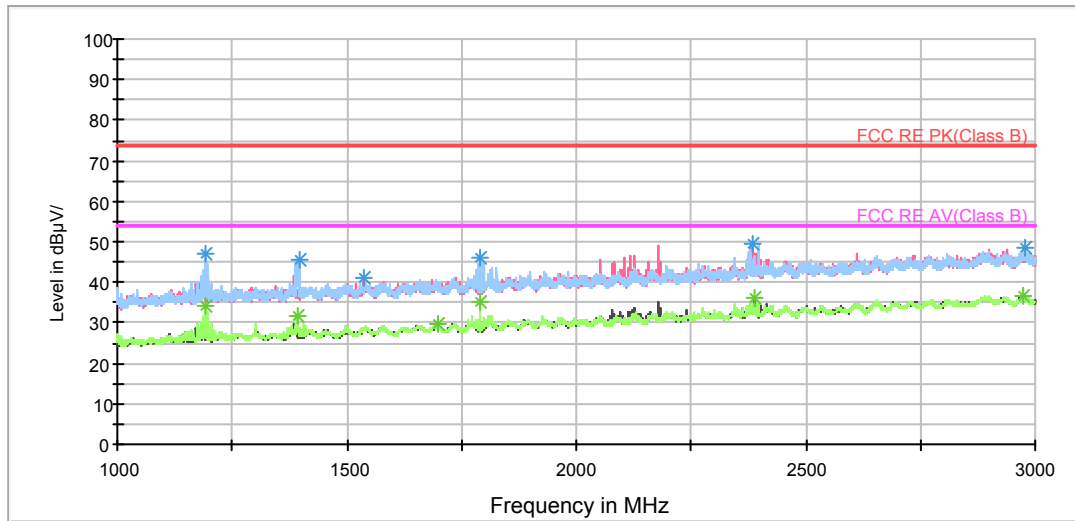
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3490.000000     | 36.6             | 200.0       | V            | 302.0         | 28.6                   | 8.0                 | 17.4        | 54             |
| 4000.000000     | 44.9             | 200.0       | H            | 18.0          | 36.0                   | 8.9                 | 9.1         | 54             |
| 4878.750000     | 39.9             | 200.0       | V            | 145.0         | 28.1                   | 11.8                | 14.1        | 54             |
| 6200.000000     | 46.3             | 200.0       | V            | 0.0           | 30.9                   | 15.4                | 7.7         | 54             |
| 6634.375000     | 43.6             | 200.0       | V            | 223.0         | 28.1                   | 15.5                | 10.4        | 54             |
| 6995.625000     | 45.0             | 200.0       | V            | 322.0         | 28.5                   | 16.5                | 9.0         | 54             |

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

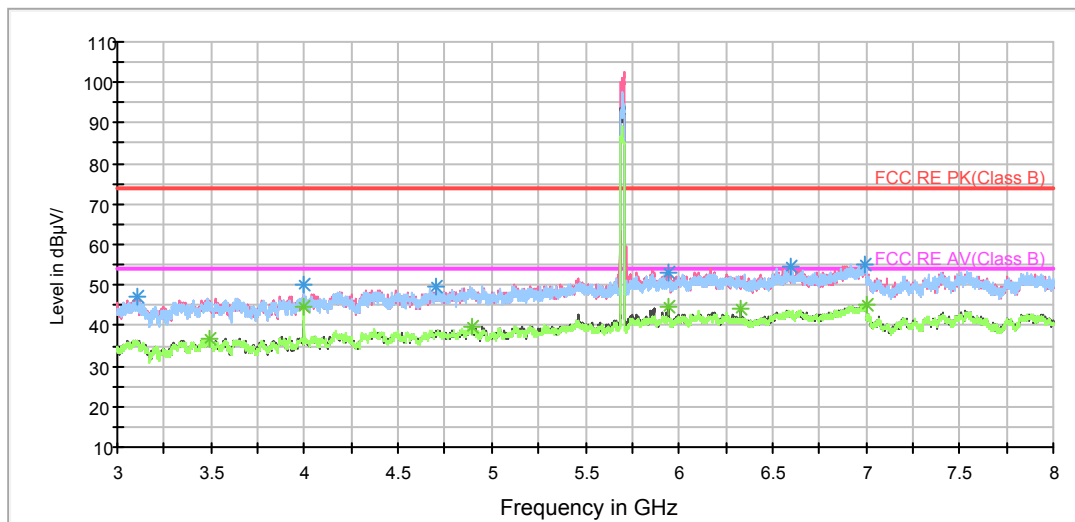
802.11a CH140

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

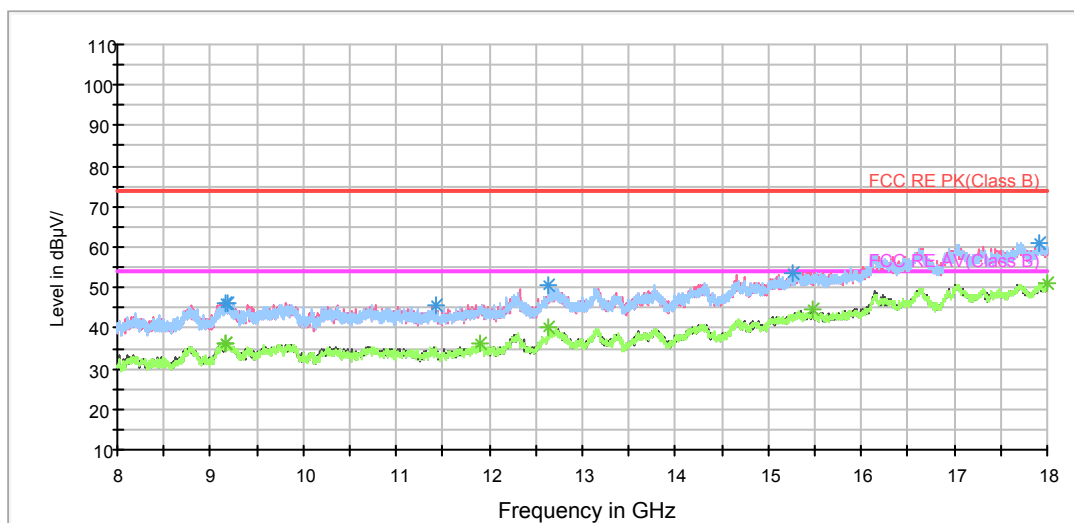
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3106.875000     | 47.1          | 200.0       | V            | 198.0         | 39.8                   | 7.3                 | 26.9        | 74             |
| 4000.000000     | 50.0          | 200.0       | H            | 23.0          | 41.1                   | 8.9                 | 24.0        | 74             |
| 4705.000000     | 49.7          | 200.0       | H            | 36.0          | 38.9                   | 10.8                | 24.3        | 74             |
| 5945.000000     | 53.0          | 200.0       | V            | 359.0         | 38.2                   | 14.8                | 21.0        | 74             |
| 6599.375000     | 54.5          | 200.0       | H            | 0.0           | 38.8                   | 15.7                | 19.5        | 74             |
| 6993.750000     | 55.0          | 200.0       | V            | 359.0         | 38.5                   | 16.5                | 19.0        | 74             |

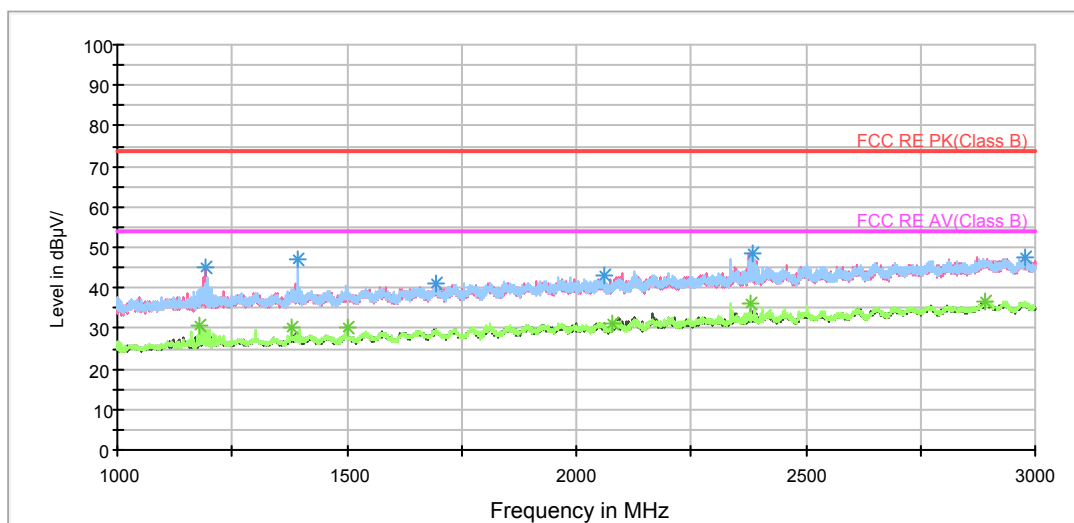
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3490.625000     | 36.5             | 200.0       | H            | 135.0         | 28.6                   | 7.9                 | 17.5        | 54             |
| 4000.000000     | 44.6             | 200.0       | H            | 23.0          | 35.7                   | 8.9                 | 9.4         | 54             |
| 4891.875000     | 39.7             | 200.0       | V            | 359.0         | 27.8                   | 11.9                | 14.3        | 54             |
| 5945.625000     | 44.6             | 200.0       | V            | 0.0           | 29.9                   | 14.7                | 9.4         | 54             |
| 6333.125000     | 44.3             | 200.0       | V            | 10.0          | 28.9                   | 15.4                | 9.7         | 54             |
| 6999.375000     | 45.3             | 200.0       | V            | 359.0         | 28.8                   | 16.5                | 8.7         | 54             |

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

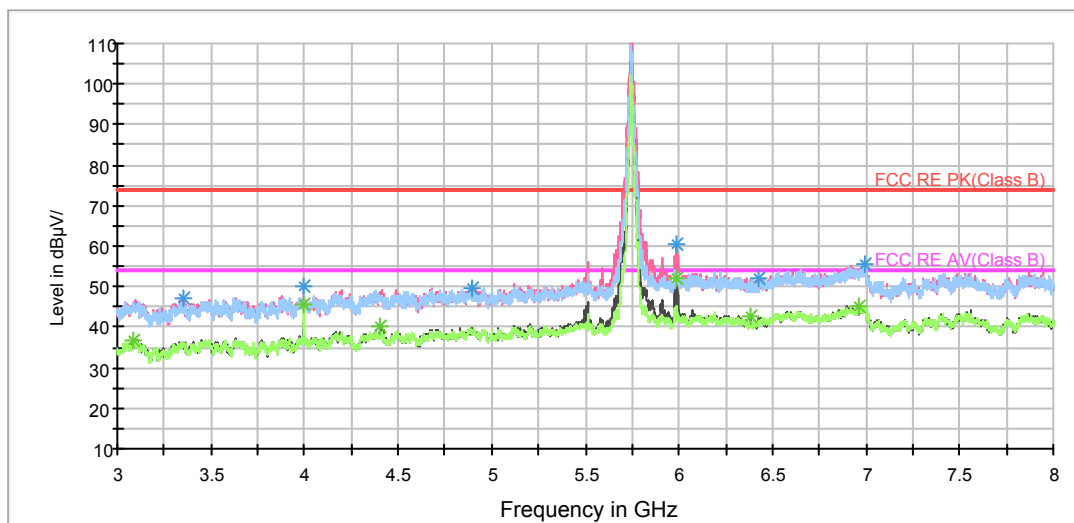
# 802.11a CH149

## RE 1G-3GHz PK+AV



## Radiates Emission from 1GHz to 3GHz

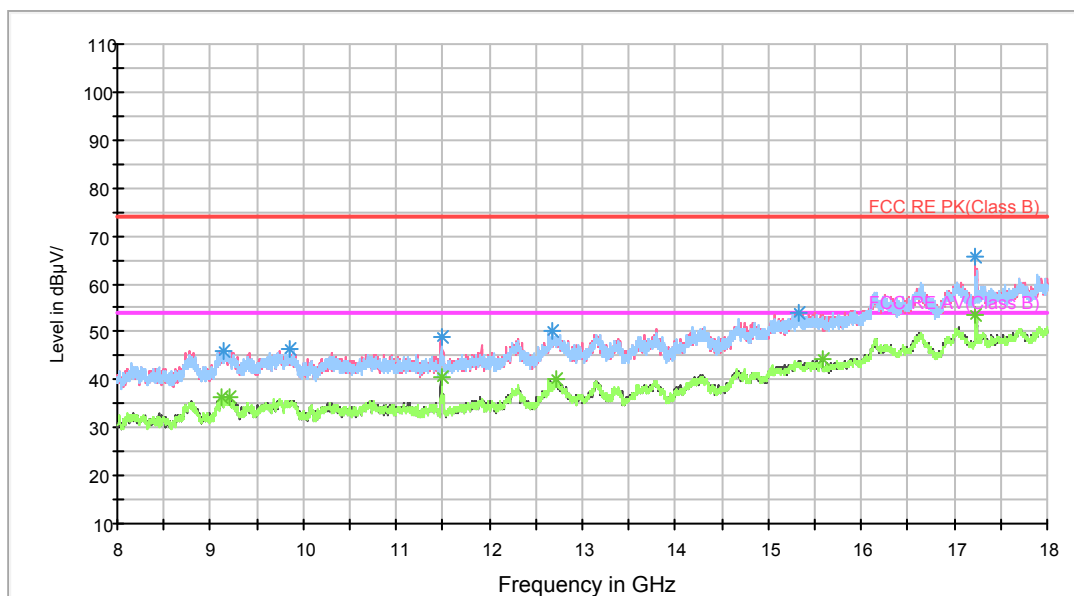
## RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

## Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3358.125000     | 47.2          | 200.0       | V            | 76.0          | 39.5                   | 7.7                 | 26.8        | 74             |
| 4000.000000     | 50.1          | 200.0       | H            | 204.0         | 41.2                   | 8.9                 | 23.9        | 74             |
| 4891.875000     | 49.7          | 200.0       | H            | 21.0          | 37.8                   | 11.9                | 24.3        | 74             |
| 5990.625000     | 60.3          | 200.0       | V            | 215.0         | 45.5                   | 14.8                | 13.7        | 74             |
| 6428.125000     | 52.1          | 200.0       | V            | 225.0         | 37.2                   | 14.9                | 21.9        | 74             |
| 6996.250000     | 55.7          | 200.0       | V            | 303.0         | 39.2                   | 16.5                | 18.3        | 74             |

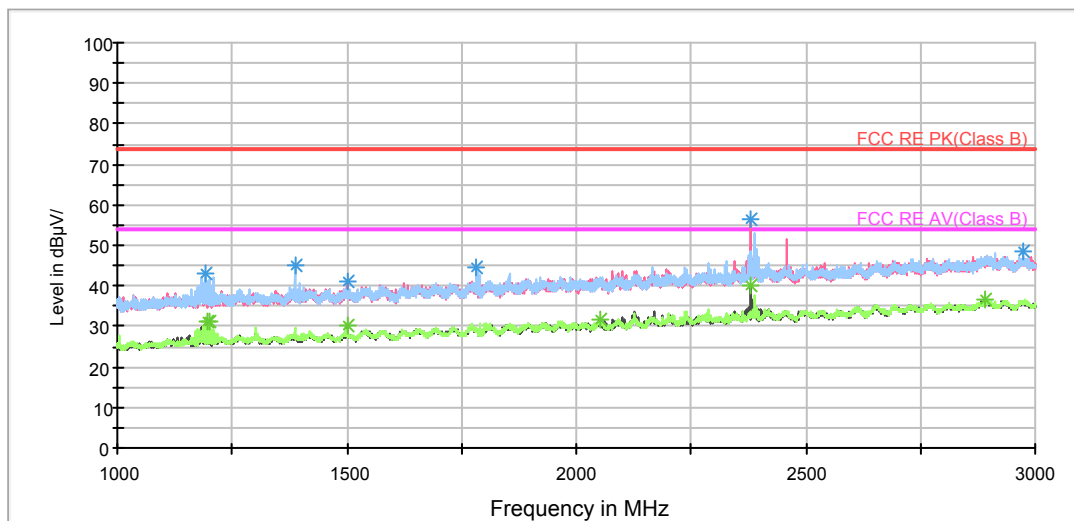
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3090.625000     | 36.7             | 200.0       | V            | 303.0         | 29.6                   | 7.1                 | 17.3        | 54             |
| 4000.000000     | 45.6             | 200.0       | H            | 204.0         | 36.7                   | 8.9                 | 8.4         | 54             |
| 4407.500000     | 40.0             | 200.0       | V            | 0.0           | 29.9                   | 10.1                | 14.0        | 54             |
| 5990.000000     | 51.9             | 200.0       | V            | 206.0         | 37.1                   | 14.8                | 2.1         | 54             |
| 6383.750000     | 42.8             | 200.0       | V            | 0.0           | 27.8                   | 15.0                | 11.2        | 54             |
| 6956.875000     | 45.2             | 200.0       | V            | 265.0         | 29.0                   | 16.2                | 8.8         | 54             |

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

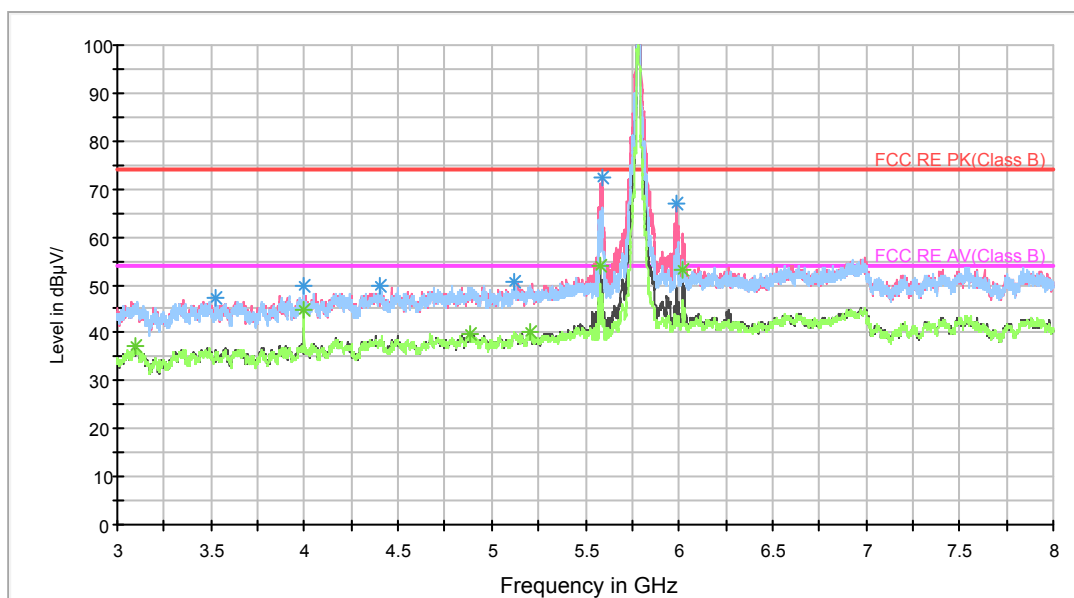
## 802.11a CH157

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

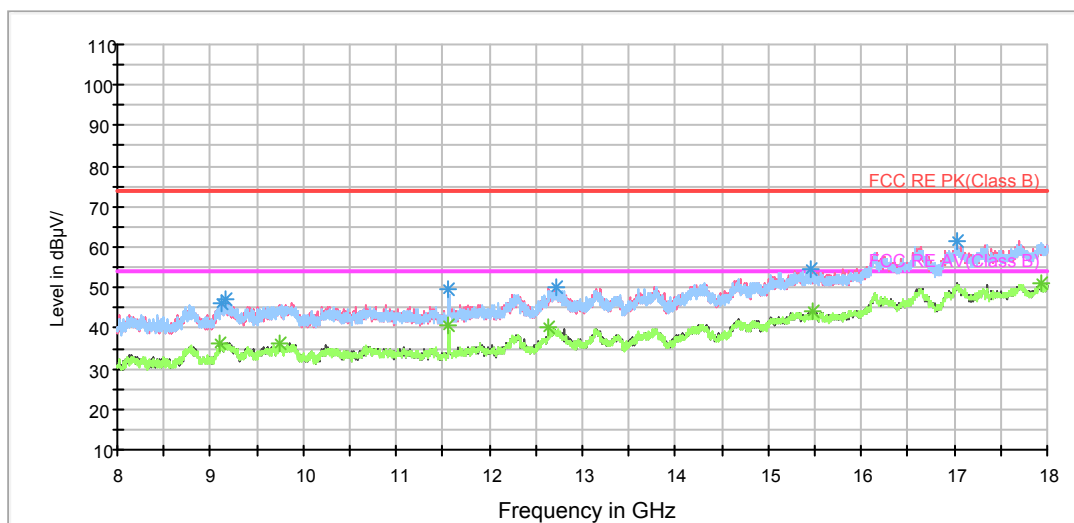
### RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3528.125000     | 47.3          | 200.0       | H            | 81.0          | 39.3                   | 8.0                 | 26.7        | 74             |
| 4000.000000     | 49.7          | 200.0       | H            | 197.0         | 40.8                   | 8.9                 | 24.3        | 74             |
| 4407.500000     | 49.9          | 200.0       | H            | 246.0         | 39.8                   | 10.1                | 24.1        | 74             |
| 5122.500000     | 50.7          | 200.0       | H            | 187.0         | 38.9                   | 11.8                | 23.3        | 74             |
| 5990.000000     | 66.7          | 200.0       | V            | 126.0         | 51.9                   | 14.8                | 7.3         | 74             |
| 5587.500000     | 72.6          | 200.0       | V            | 126.0         | 59.2                   | 13.4                | 1.4         | 74             |

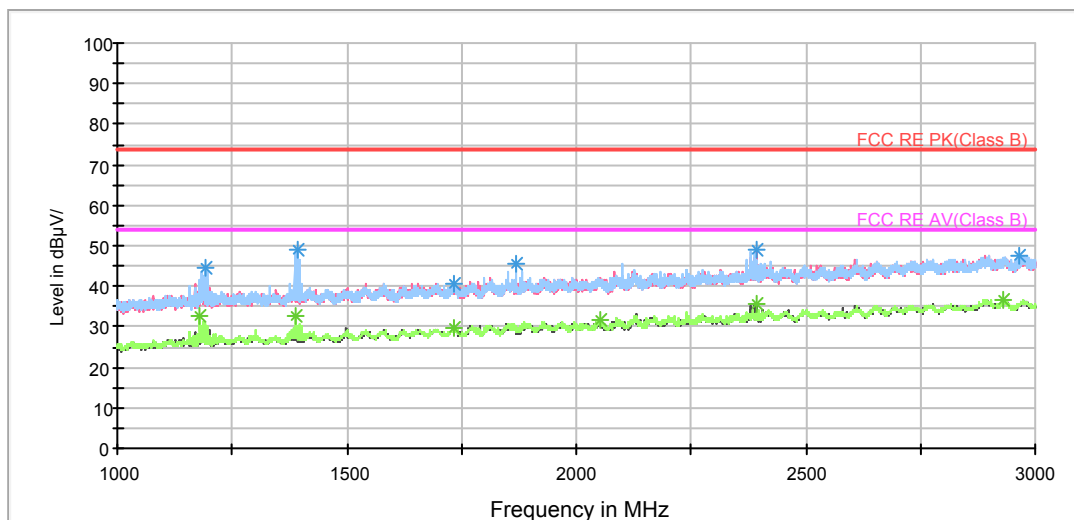
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3098.125000     | 37.1             | 200.0       | V            | 0.0           | 29.9                   | 7.2                 | 16.9        | 54             |
| 4000.000000     | 44.8             | 200.0       | H            | 197.0         | 35.9                   | 8.9                 | 9.2         | 54             |
| 4882.500000     | 39.8             | 200.0       | V            | 204.0         | 27.9                   | 11.9                | 14.2        | 54             |
| 5203.750000     | 40.2             | 200.0       | V            | 0.0           | 28.1                   | 12.1                | 13.8        | 54             |
| 6018.750000     | 53.2             | 200.0       | V            | 194.0         | 38.5                   | 14.7                | 0.8         | 54             |
| 5583.125000     | 53.8             | 200.0       | V            | 166.0         | 40.4                   | 13.4                | 0.2         | 54             |

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

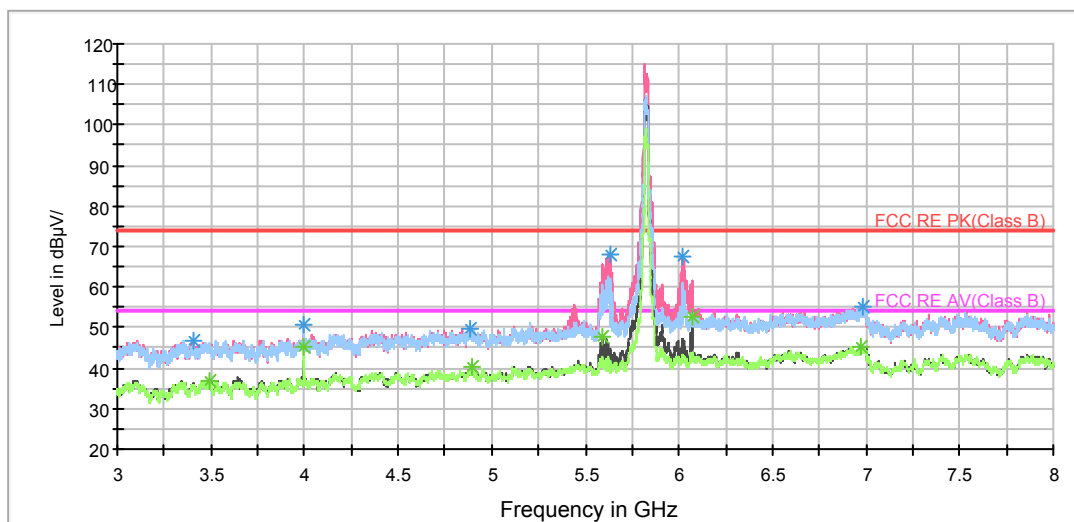
802.11a CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

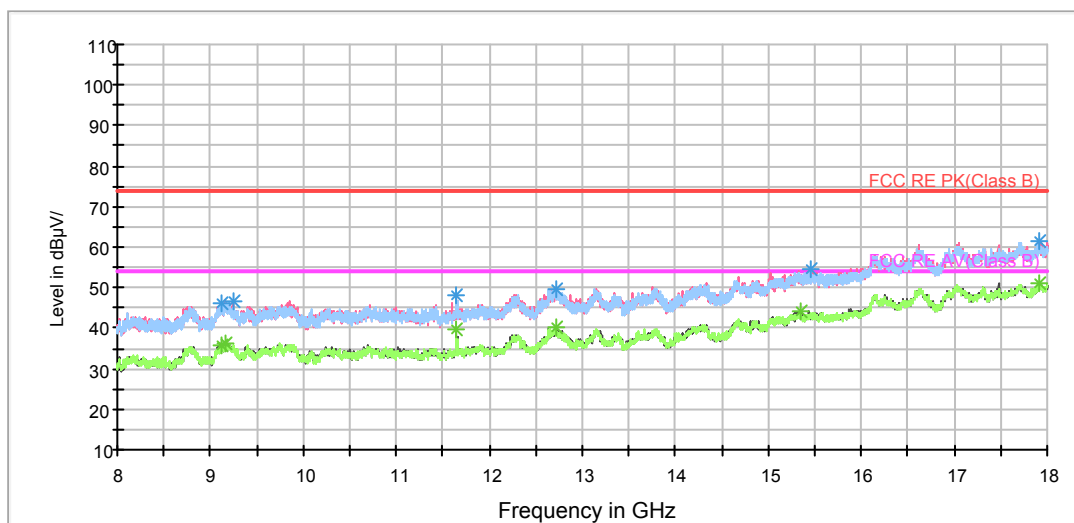
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3408.125000     | 46.8          | 200.0       | V            | 0.0           | 39.3                   | 7.5                 | 27.2        | 74             |
| 4000.000000     | 50.7          | 200.0       | H            | 203.0         | 41.8                   | 8.9                 | 23.3        | 74             |
| 4883.125000     | 49.8          | 200.0       | H            | 351.0         | 37.9                   | 11.9                | 24.2        | 74             |
| 5630.625000     | 68.2          | 200.0       | V            | 162.0         | 54.9                   | 13.3                | 5.8         | 74             |
| 6021.875000     | 67.3          | 200.0       | V            | 183.0         | 52.6                   | 14.7                | 6.7         | 74             |
| 6978.125000     | 55.3          | 200.0       | H            | 0.0           | 39.0                   | 16.3                | 18.7        | 74             |

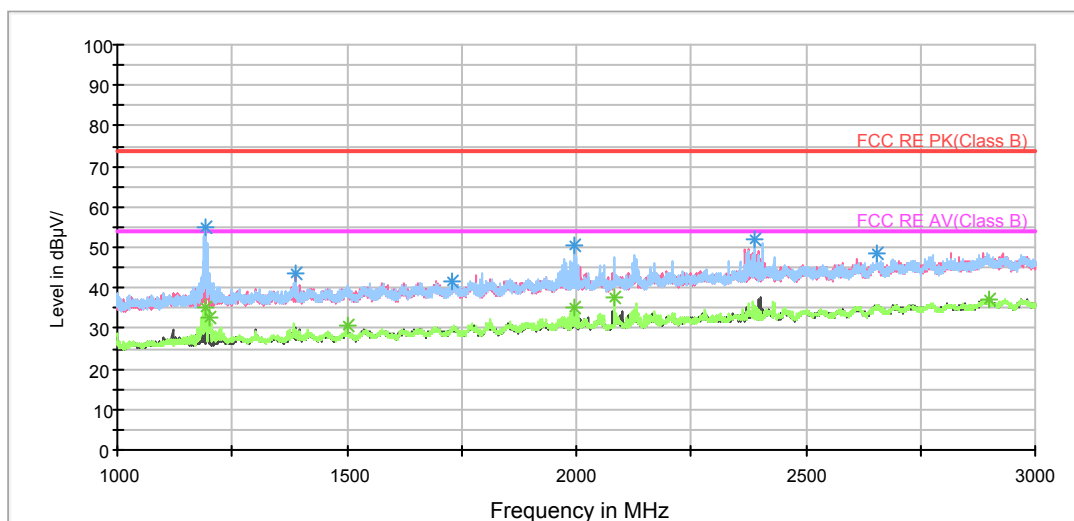
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3493.750000     | 37.0             | 200.0       | H            | 193.0         | 29.1                   | 7.9                 | 17.0        | 54             |
| 4000.000000     | 45.3             | 200.0       | H            | 203.0         | 36.4                   | 8.9                 | 8.7         | 54             |
| 4893.125000     | 40.2             | 200.0       | H            | 7.0           | 28.3                   | 11.9                | 13.8        | 54             |
| 5588.125000     | 47.9             | 200.0       | V            | 183.0         | 34.5                   | 13.4                | 6.1         | 54             |
| 6075.625000     | 52.6             | 200.0       | V            | 183.0         | 37.4                   | 15.2                | 1.4         | 54             |
| 6967.500000     | 45.3             | 200.0       | V            | 212.0         | 29.0                   | 16.3                | 8.7         | 54             |

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

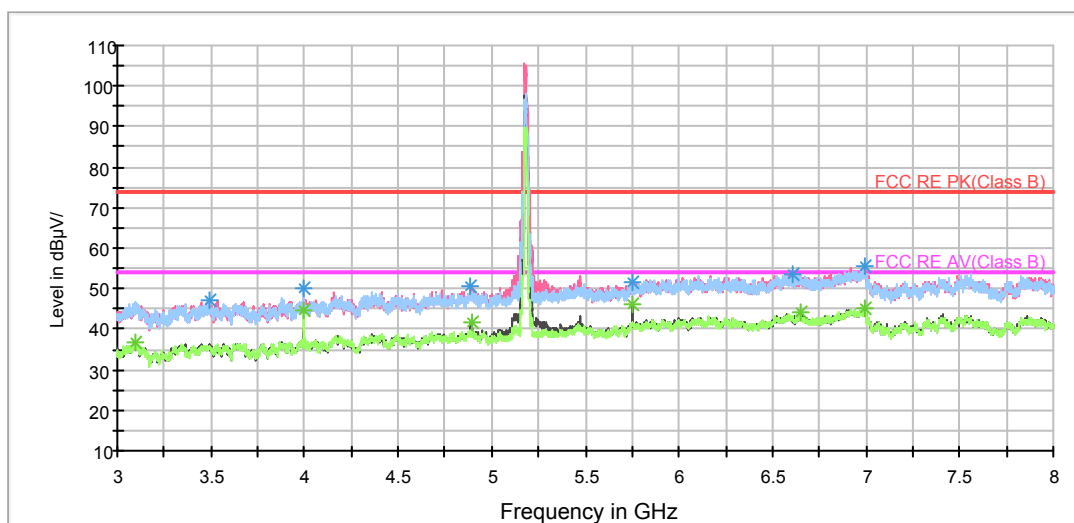
## 802.11n (HT20) CH36

### RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

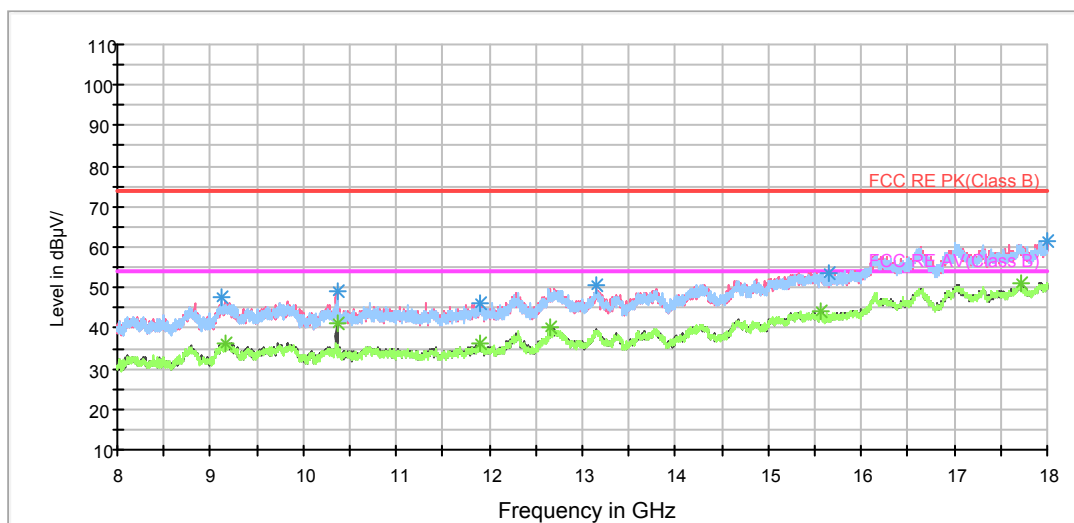
### RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3487.500000     | 46.9          | 200.0       | H            | 0.0           | 38.9                   | 8.0                 | 27.1        | 74             |
| 4000.000000     | 50.0          | 200.0       | H            | 31.0          | 41.1                   | 8.9                 | 24.0        | 74             |
| 4883.125000     | 50.7          | 200.0       | V            | 258.0         | 38.8                   | 11.9                | 23.3        | 74             |
| 5755.625000     | 51.7          | 200.0       | V            | 87.0          | 38.1                   | 13.6                | 22.3        | 74             |
| 6604.375000     | 53.7          | 200.0       | H            | 0.0           | 38.1                   | 15.6                | 20.3        | 74             |
| 6991.875000     | 55.3          | 200.0       | H            | 70.0          | 38.8                   | 16.5                | 18.7        | 74             |

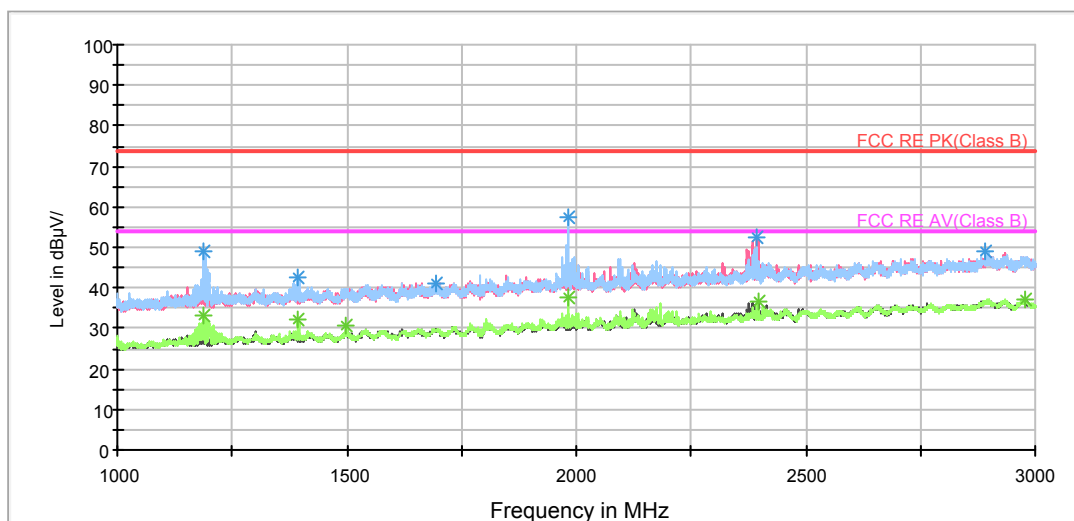
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3098.750000     | 36.6             | 200.0       | V            | 67.0          | 29.4                   | 7.2                 | 17.4        | 54             |
| 4000.000000     | 44.9             | 200.0       | H            | 31.0          | 36.0                   | 8.9                 | 9.1         | 54             |
| 4891.875000     | 41.5             | 200.0       | V            | 336.0         | 29.6                   | 11.9                | 12.5        | 54             |
| 5755.625000     | 46.1             | 200.0       | V            | 87.0          | 32.5                   | 13.6                | 7.9         | 54             |
| 6653.125000     | 43.9             | 200.0       | V            | 278.0         | 28.4                   | 15.5                | 10.1        | 54             |
| 6997.500000     | 45.3             | 200.0       | H            | 337.0         | 28.8                   | 16.5                | 8.7         | 54             |

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

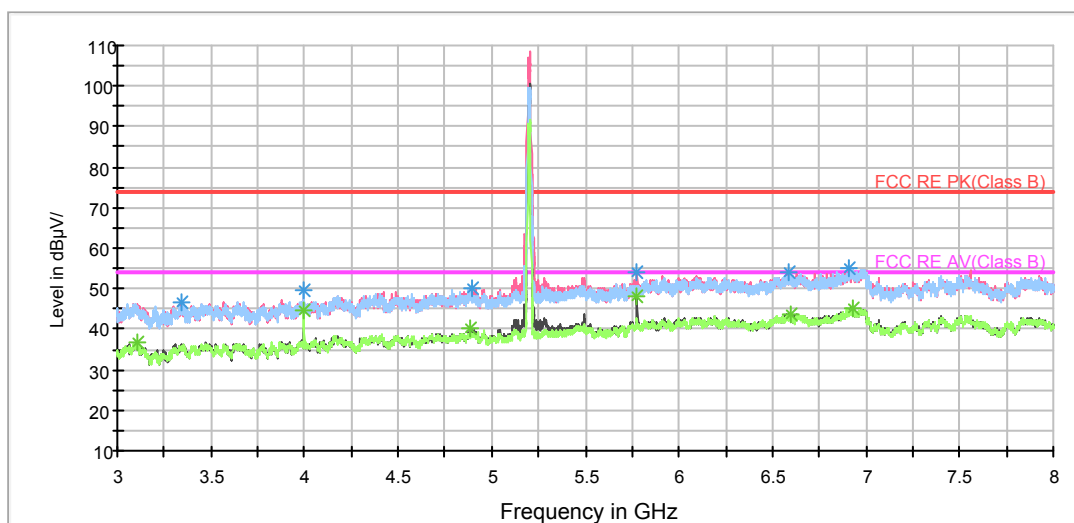
## 802.11n (HT20) CH40

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

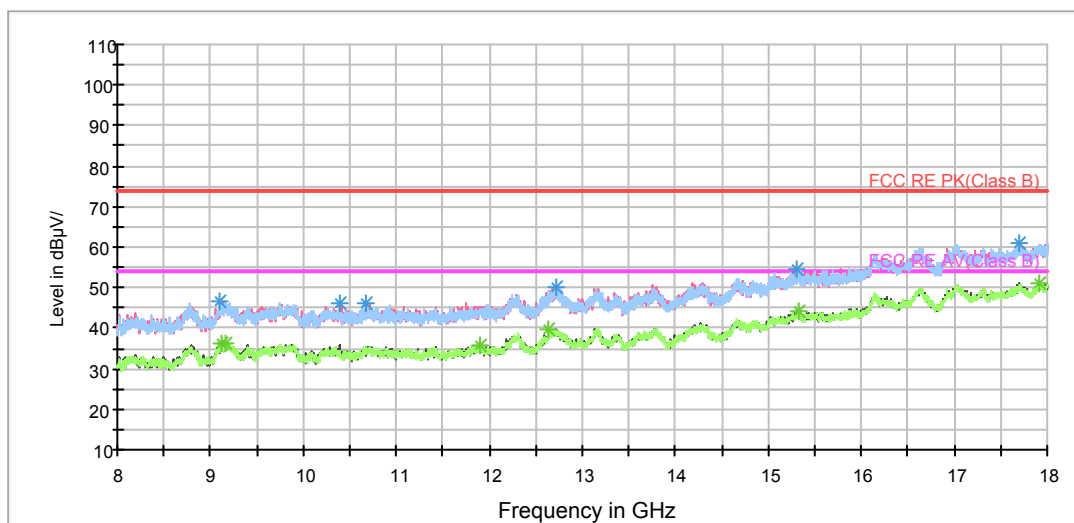
### RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3338.125000     | 46.5          | 200.0       | V            | 340.0         | 38.8                   | 7.7                 | 27.5        | 74             |
| 4000.000000     | 49.5          | 200.0       | H            | 6.0           | 40.6                   | 8.9                 | 24.5        | 74             |
| 4898.125000     | 50.1          | 200.0       | V            | 349.0         | 38.2                   | 11.9                | 23.9        | 74             |
| 5778.125000     | 53.9          | 200.0       | V            | 32.0          | 40.0                   | 13.9                | 20.1        | 74             |
| 6583.750000     | 54.1          | 200.0       | V            | 95.0          | 38.6                   | 15.5                | 19.9        | 74             |
| 6908.125000     | 54.9          | 200.0       | V            | 174.0         | 38.7                   | 16.2                | 19.1        | 74             |

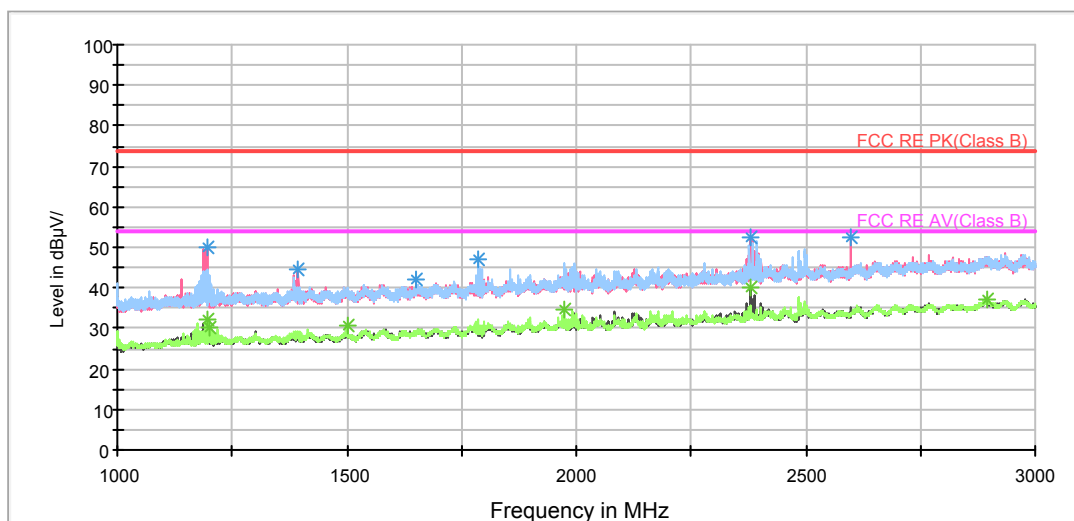
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3103.125000     | 36.7             | 200.0       | H            | 26.0          | 29.5                   | 7.2                 | 17.3        | 54             |
| 4000.000000     | 44.5             | 200.0       | H            | 6.0           | 35.6                   | 8.9                 | 9.5         | 54             |
| 4882.500000     | 40.2             | 200.0       | H            | 45.0          | 28.3                   | 11.9                | 13.8        | 54             |
| 5777.500000     | 48.1             | 200.0       | V            | 340.0         | 34.2                   | 13.9                | 5.9         | 54             |
| 6601.250000     | 43.6             | 200.0       | H            | 154.0         | 27.9                   | 15.7                | 10.4        | 54             |
| 6933.750000     | 45.2             | 200.0       | V            | 0.0           | 29.0                   | 16.2                | 8.8         | 54             |

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

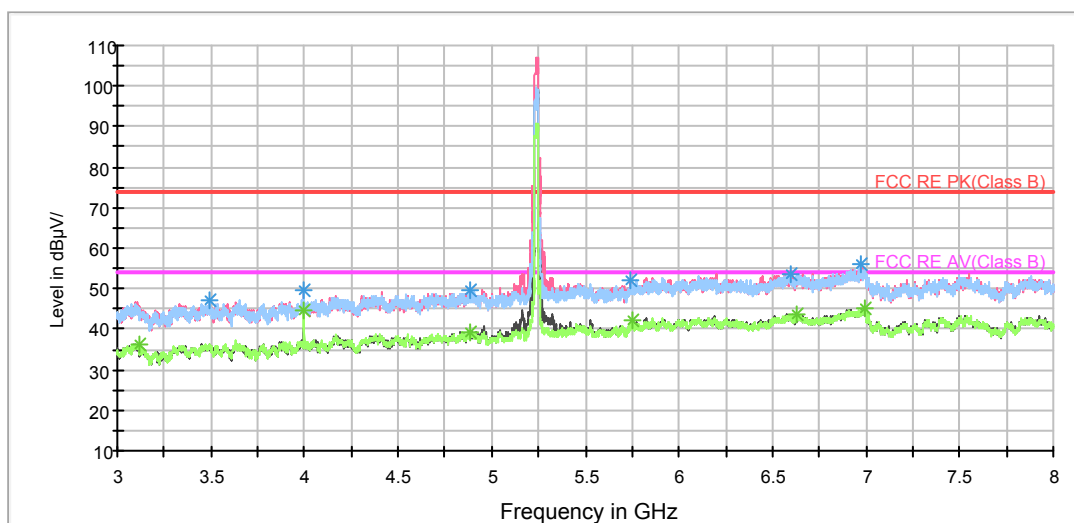
## 802.11n (HT20) CH48

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

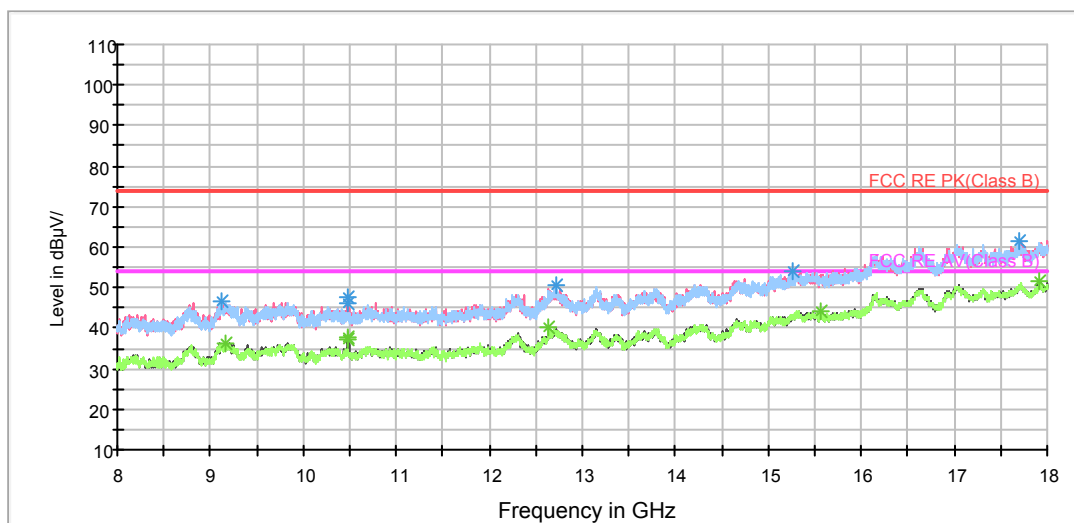
### RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3493.125000     | 47.2          | 200.0       | H            | 21.0          | 39.3                   | 7.9                 | 26.8        | 74             |
| 4000.000000     | 49.5          | 200.0       | H            | 21.0          | 40.6                   | 8.9                 | 24.5        | 74             |
| 4884.375000     | 49.4          | 200.0       | V            | 150.0         | 37.5                   | 11.9                | 24.6        | 74             |
| 5738.750000     | 52.2          | 200.0       | V            | 0.0           | 38.6                   | 13.6                | 21.8        | 74             |
| 6601.250000     | 53.8          | 200.0       | H            | 61.0          | 38.1                   | 15.7                | 20.2        | 74             |
| 6976.875000     | 55.9          | 200.0       | H            | 301.0         | 39.6                   | 16.3                | 18.1        | 74             |

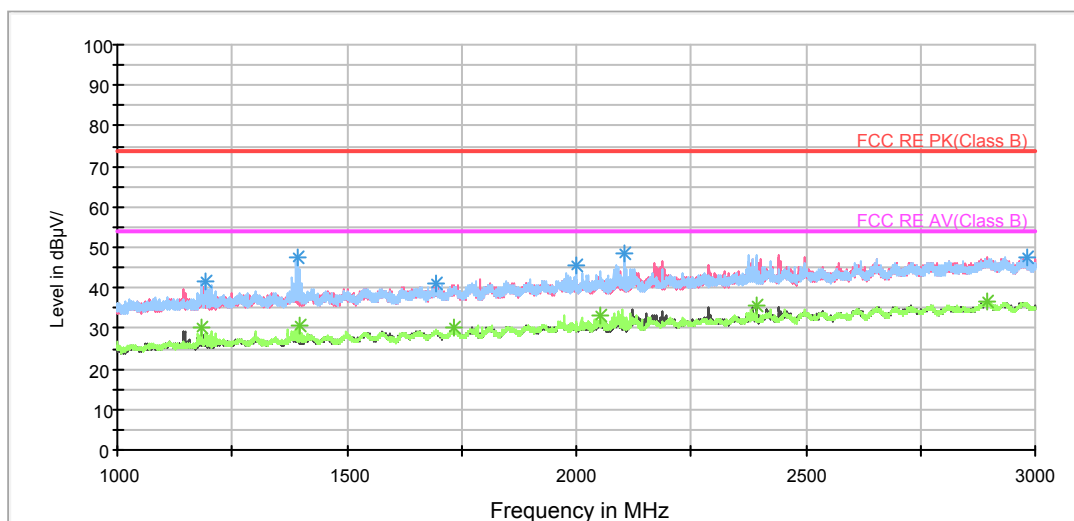
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3113.750000     | 36.3             | 200.0       | V            | 333.0         | 28.9                   | 7.4                 | 17.7        | 54             |
| 4000.000000     | 44.8             | 200.0       | H            | 21.0          | 35.9                   | 8.9                 | 9.2         | 54             |
| 4884.375000     | 39.4             | 200.0       | V            | 150.0         | 27.5                   | 11.9                | 14.6        | 54             |
| 5746.875000     | 42.0             | 200.0       | V            | 90.0          | 28.4                   | 13.6                | 12.0        | 54             |
| 6630.000000     | 43.8             | 200.0       | V            | 228.0         | 28.3                   | 15.5                | 10.2        | 54             |
| 6995.000000     | 45.4             | 200.0       | V            | 314.0         | 28.9                   | 16.5                | 8.6         | 54             |

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

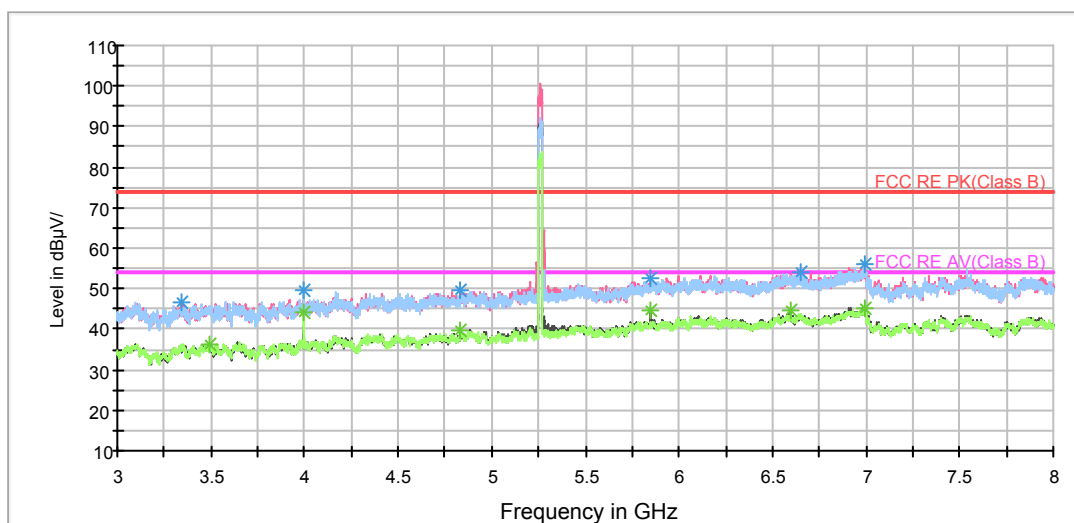
## 802.11n (HT20) CH52

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

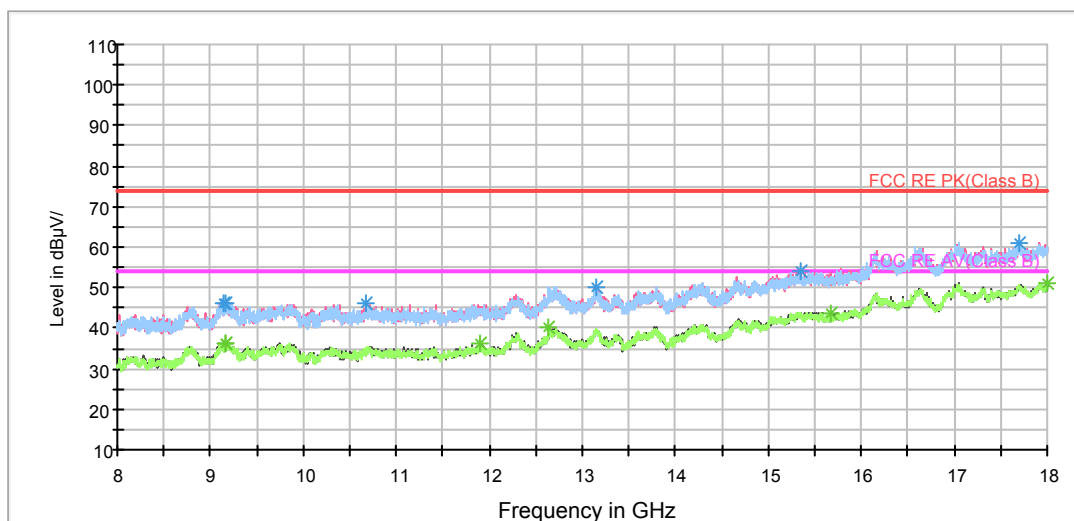
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3339.375000     | 46.6          | 200.0       | V            | 341.0         | 39.0                   | 7.6                 | 27.4        | 74             |
| 4000.000000     | 49.5          | 200.0       | H            | 27.0          | 40.6                   | 8.9                 | 24.5        | 74             |
| 4834.375000     | 49.5          | 200.0       | H            | 351.0         | 38.0                   | 11.5                | 24.5        | 74             |
| 5845.000000     | 52.7          | 200.0       | V            | 0.0           | 38.1                   | 14.6                | 21.3        | 74             |
| 6653.125000     | 54.2          | 200.0       | H            | 8.0           | 38.7                   | 15.5                | 19.8        | 74             |
| 6990.000000     | 55.9          | 200.0       | V            | 341.0         | 39.4                   | 16.5                | 18.1        | 74             |

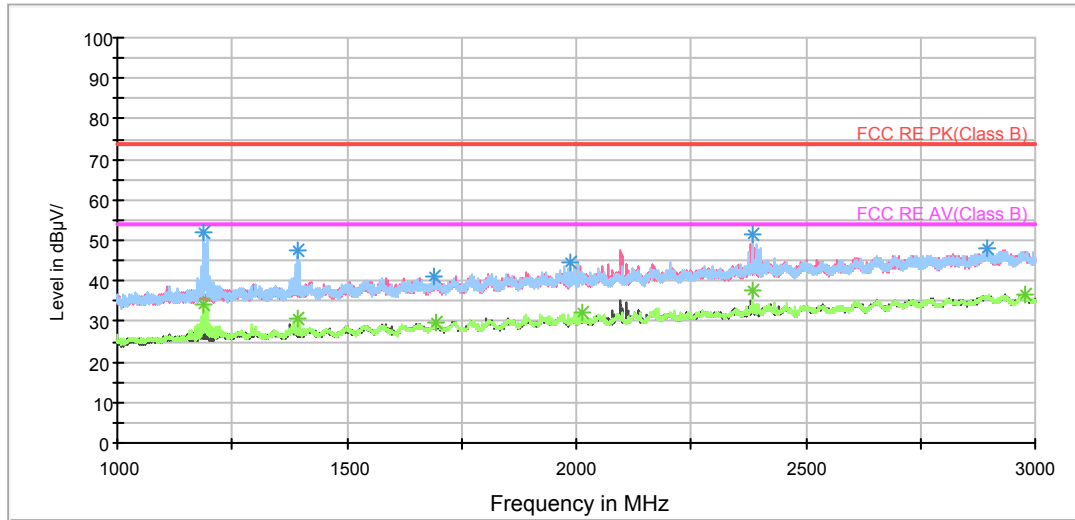
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3487.500000     | 36.3             | 200.0       | H            | 36.0          | 28.3                   | 8.0                 | 17.7        | 54             |
| 4000.000000     | 44.1             | 200.0       | H            | 27.0          | 35.2                   | 8.9                 | 9.9         | 54             |
| 4835.625000     | 39.7             | 200.0       | H            | 56.0          | 28.2                   | 11.5                | 14.3        | 54             |
| 5844.375000     | 44.5             | 200.0       | V            | 351.0         | 29.9                   | 14.6                | 9.5         | 54             |
| 6601.250000     | 44.7             | 200.0       | V            | 243.0         | 29.0                   | 15.7                | 9.3         | 54             |
| 6996.875000     | 45.0             | 200.0       | V            | 243.0         | 28.5                   | 16.5                | 9.0         | 54             |

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

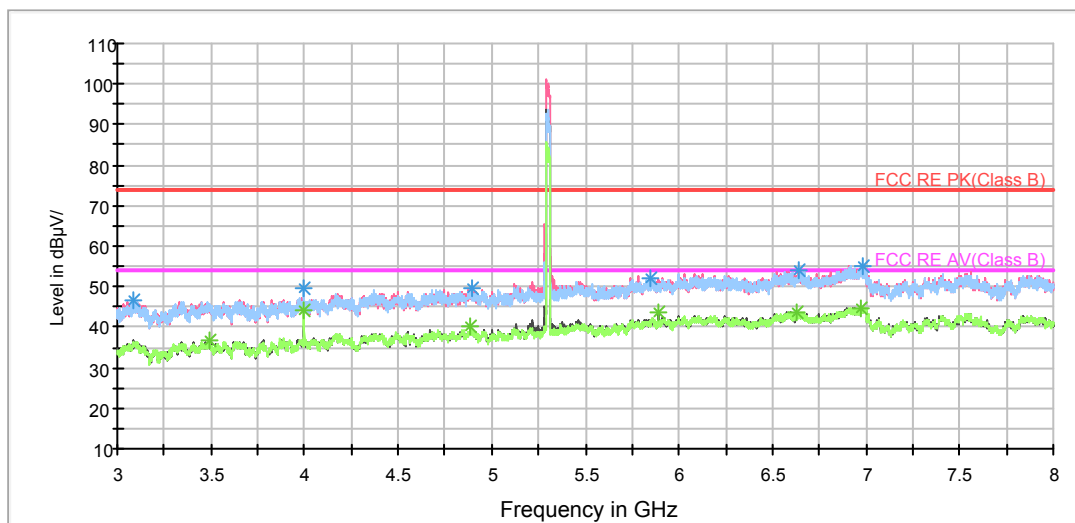
## 802.11n (HT20) CH60

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

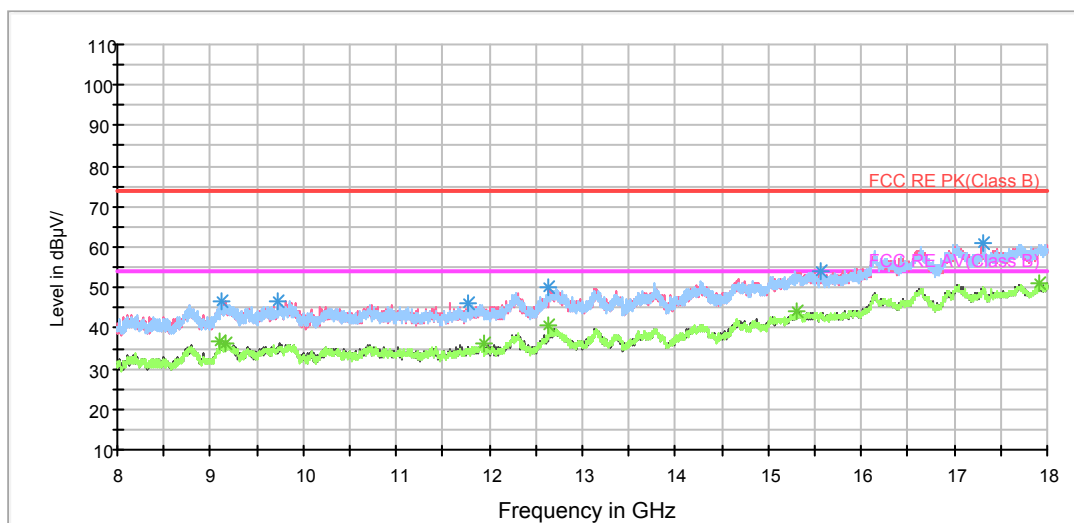
### RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3085.000000     | 46.4          | 200.0       | V            | 0.0           | 39.3                   | 7.1                 | 27.6        | 74             |
| 4000.000000     | 49.5          | 200.0       | H            | 3.0           | 40.6                   | 8.9                 | 24.5        | 74             |
| 4890.625000     | 49.4          | 200.0       | V            | 0.0           | 37.5                   | 11.9                | 24.6        | 74             |
| 5850.625000     | 52.3          | 200.0       | V            | 306.0         | 37.6                   | 14.7                | 21.7        | 74             |
| 6635.000000     | 54.1          | 200.0       | V            | 207.0         | 38.6                   | 15.5                | 19.9        | 74             |
| 6980.000000     | 55.0          | 200.0       | H            | 56.0          | 38.6                   | 16.4                | 19.0        | 74             |

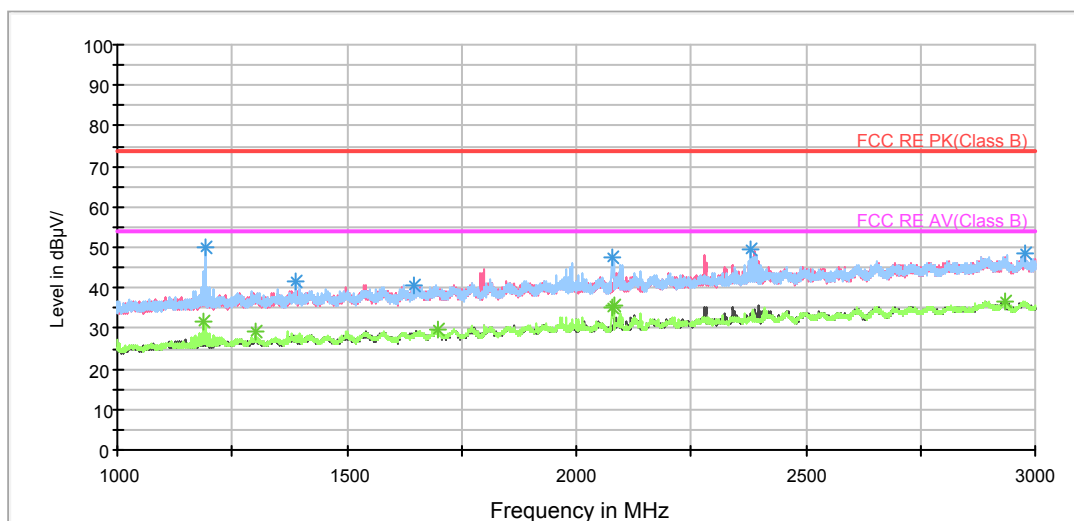
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3490.625000     | 36.7             | 200.0       | V            | 277.0         | 28.8                   | 7.9                 | 17.3        | 54             |
| 4000.000000     | 44.4             | 200.0       | H            | 3.0           | 35.5                   | 8.9                 | 9.6         | 54             |
| 4881.250000     | 40.0             | 200.0       | V            | 335.0         | 28.2                   | 11.8                | 14.0        | 54             |
| 5888.750000     | 43.6             | 200.0       | V            | 23.0          | 28.7                   | 14.9                | 10.4        | 54             |
| 6630.625000     | 43.7             | 200.0       | H            | 214.0         | 28.2                   | 15.5                | 10.3        | 54             |
| 6972.500000     | 44.8             | 200.0       | V            | 178.0         | 28.5                   | 16.3                | 9.2         | 54             |

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

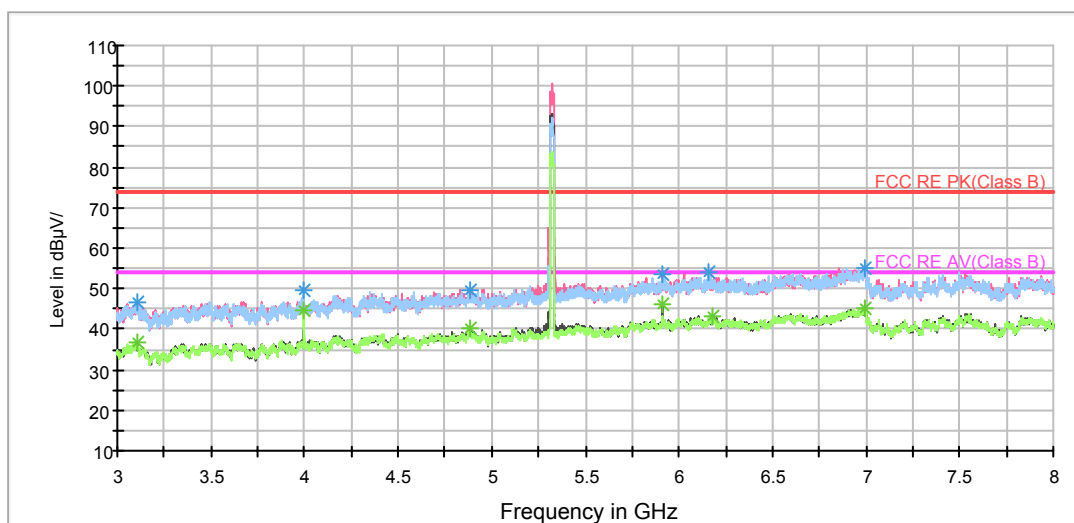
# 802.11n (HT20) CH64

## RE 1G-3GHz PK+AV



## Radiates Emission from 1GHz to 3GHz

## RE 3-18GHz PK+AV

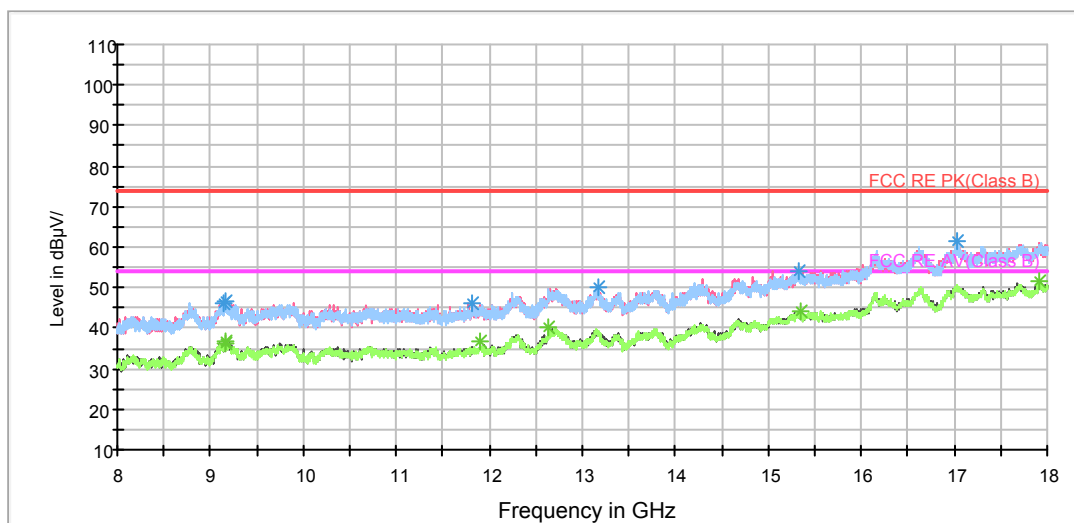


Note: The signal beyond the limit is carrier.

## Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3110.625000     | 46.5          | 200.0       | V            | 346.0         | 39.2                   | 7.3                 | 27.5        | 74             |
| 4000.000000     | 49.5          | 200.0       | H            | 23.0          | 40.6                   | 8.9                 | 24.5        | 74             |
| 4882.500000     | 49.8          | 200.0       | V            | 355.0         | 37.9                   | 11.9                | 24.2        | 74             |
| 5911.250000     | 53.4          | 200.0       | V            | 306.0         | 38.6                   | 14.8                | 20.6        | 74             |
| 6155.000000     | 53.8          | 200.0       | H            | 251.0         | 38.2                   | 15.6                | 20.2        | 74             |
| 6996.250000     | 55.0          | 200.0       | H            | 101.0         | 38.5                   | 16.5                | 19.0        | 74             |

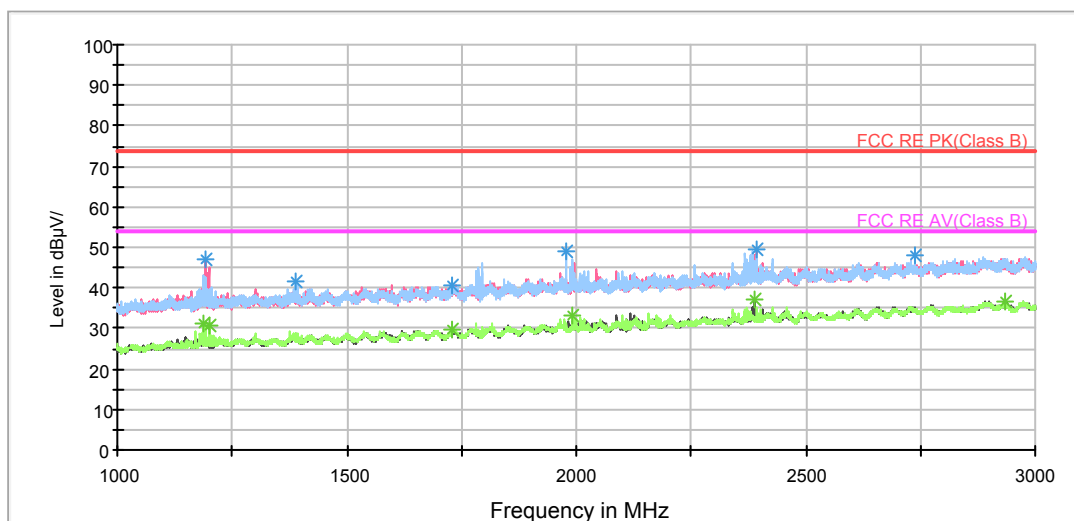
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3106.250000     | 36.5             | 200.0       | V            | 258.0         | 29.2                   | 7.3                 | 17.5        | 54             |
| 4000.000000     | 44.6             | 200.0       | H            | 23.0          | 35.7                   | 8.9                 | 9.4         | 54             |
| 4883.750000     | 40.1             | 200.0       | V            | 0.0           | 28.2                   | 11.9                | 13.9        | 54             |
| 5911.250000     | 46.0             | 200.0       | V            | 306.0         | 31.2                   | 14.8                | 8.0         | 54             |
| 6185.000000     | 43.1             | 200.0       | H            | 33.0          | 27.7                   | 15.4                | 10.9        | 54             |
| 6993.750000     | 45.0             | 200.0       | H            | 33.0          | 28.5                   | 16.5                | 9.0         | 54             |

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

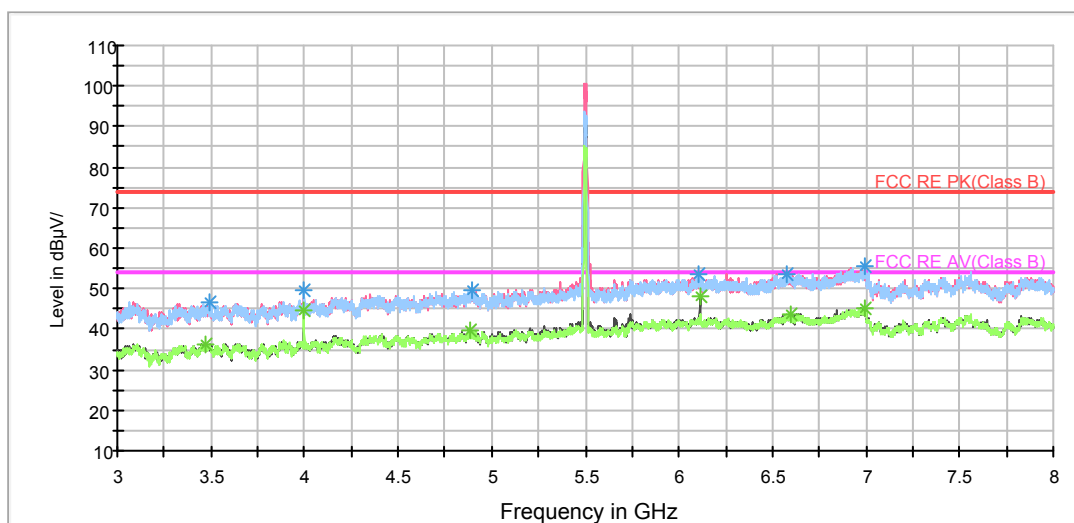
## 802.11n (HT20) CH100

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

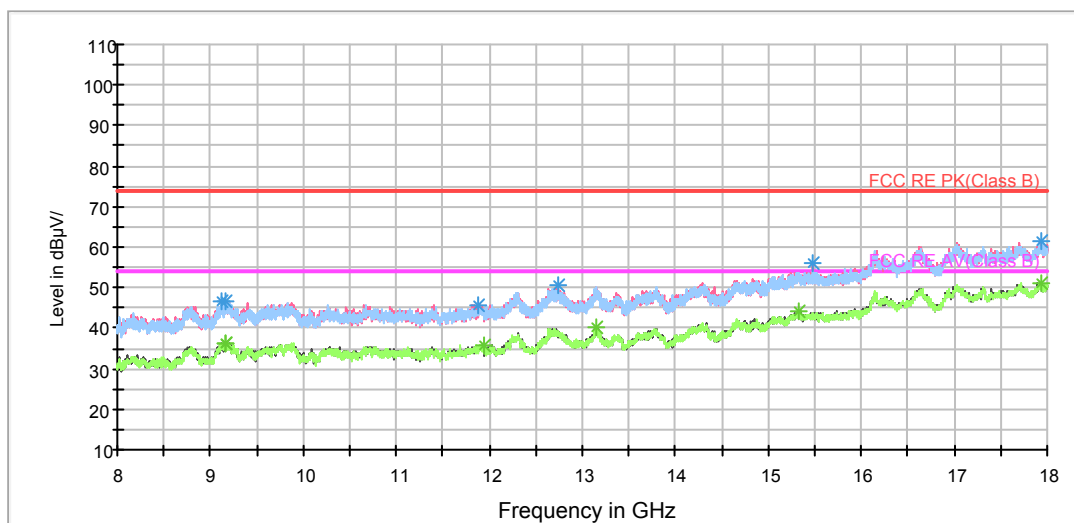
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3493.125000     | 46.6          | 200.0       | V            | 138.0         | 38.7                   | 7.9                 | 27.4        | 74             |
| 4000.000000     | 49.6          | 200.0       | H            | 24.0          | 40.7                   | 8.9                 | 24.4        | 74             |
| 4893.750000     | 49.4          | 200.0       | V            | 0.0           | 37.5                   | 11.9                | 24.6        | 74             |
| 6109.375000     | 53.6          | 200.0       | H            | 212.0         | 38.4                   | 15.2                | 20.4        | 74             |
| 6579.375000     | 53.4          | 200.0       | V            | 217.0         | 37.9                   | 15.5                | 20.6        | 74             |
| 6991.250000     | 55.5          | 200.0       | H            | 83.0          | 39.0                   | 16.5                | 18.5        | 74             |

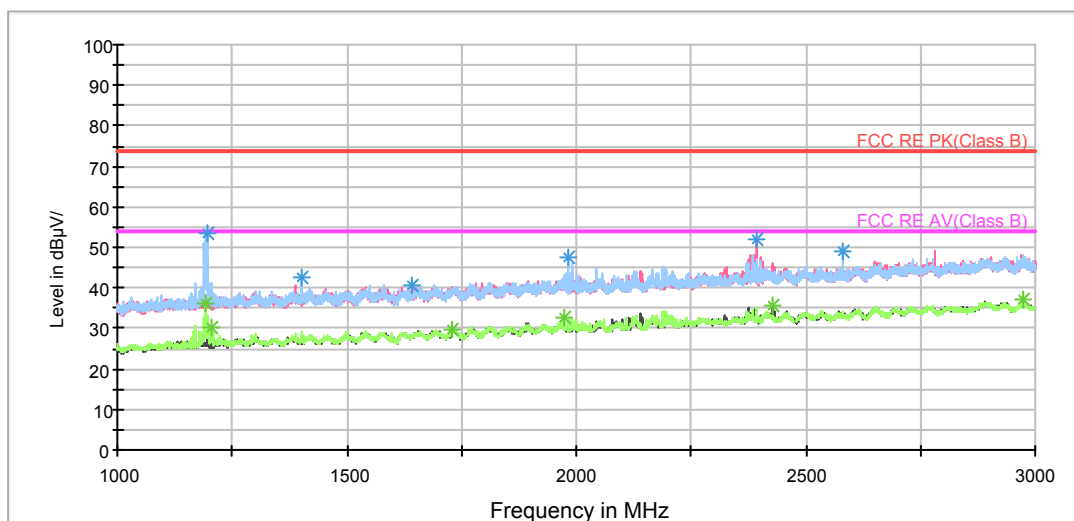
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3471.875000     | 36.4             | 200.0       | H            | 184.0         | 28.5                   | 7.9                 | 17.6        | 54             |
| 4000.000000     | 44.4             | 200.0       | H            | 24.0          | 35.5                   | 8.9                 | 9.6         | 54             |
| 4881.875000     | 39.6             | 200.0       | V            | 0.0           | 27.8                   | 11.8                | 14.4        | 54             |
| 6111.250000     | 48.0             | 200.0       | V            | 275.0         | 32.7                   | 15.3                | 6.0         | 54             |
| 6600.625000     | 43.6             | 200.0       | V            | 314.0         | 27.9                   | 15.7                | 10.4        | 54             |
| 6997.500000     | 45.2             | 200.0       | V            | 334.0         | 28.7                   | 16.5                | 8.8         | 54             |

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

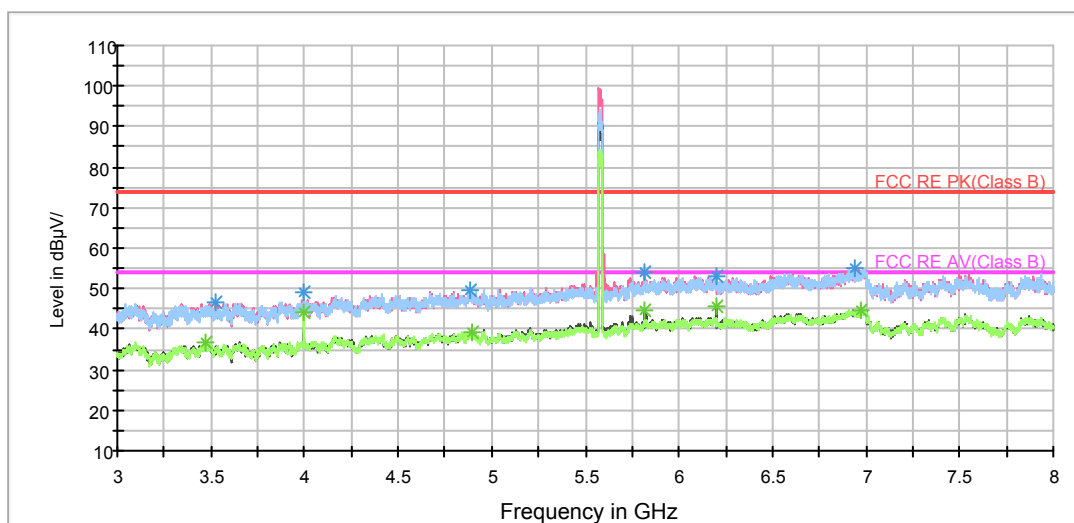
# 802.11n (HT20) CH116

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV

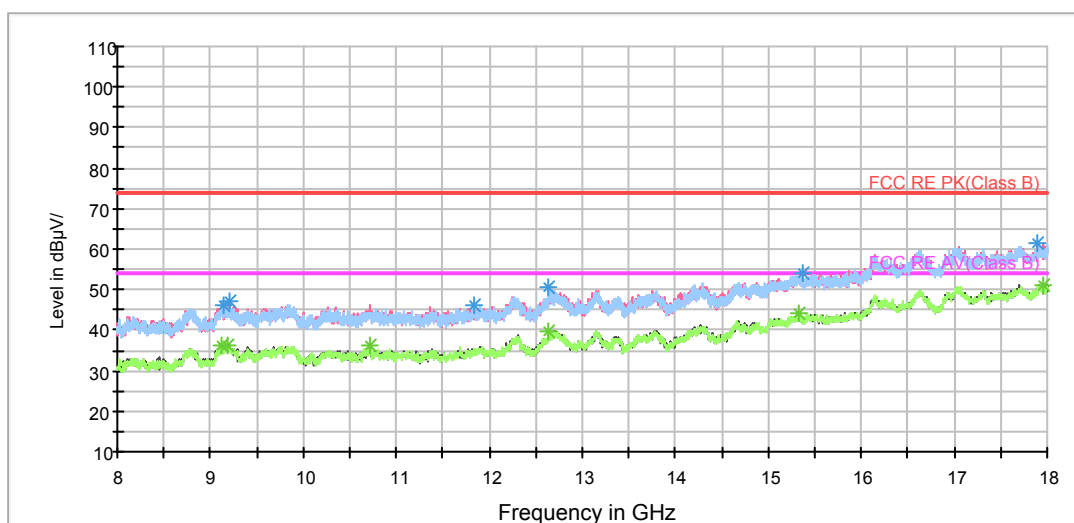


Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3525.625000     | 46.4          | 200.0       | V            | 0.0           | 38.4                   | 8.0                 | 27.6        | 74             |
| 3999.375000     | 49.3          | 200.0       | H            | 31.0          | 40.4                   | 8.9                 | 24.7        | 74             |
| 4886.875000     | 49.5          | 200.0       | H            | 60.0          | 37.6                   | 11.9                | 24.5        | 74             |
| 5818.750000     | 54.1          | 200.0       | V            | 0.0           | 39.6                   | 14.5                | 19.9        | 74             |
| 6199.375000     | 53.1          | 200.0       | V            | 338.0         | 37.7                   | 15.4                | 20.9        | 74             |
| 6938.750000     | 55.1          | 200.0       | V            | 0.0           | 39.0                   | 16.1                | 18.9        | 74             |

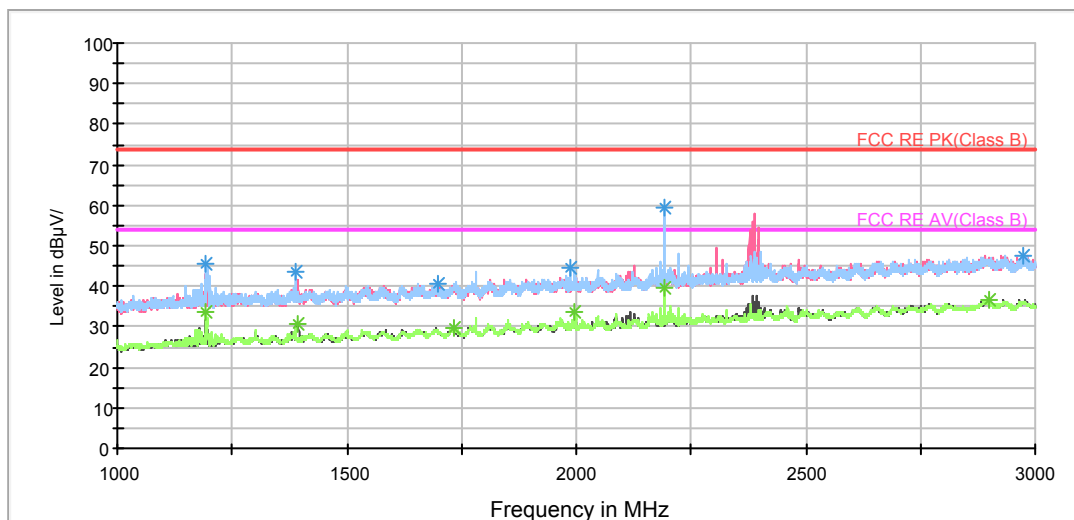
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3472.500000     | 36.6             | 200.0       | H            | 2.0           | 28.7                   | 7.9                 | 17.4        | 54             |
| 4000.000000     | 44.2             | 200.0       | H            | 0.0           | 35.3                   | 8.9                 | 9.8         | 54             |
| 4895.000000     | 39.4             | 200.0       | V            | 240.0         | 27.5                   | 11.9                | 14.6        | 54             |
| 5818.750000     | 44.4             | 200.0       | V            | 0.0           | 29.9                   | 14.5                | 9.6         | 54             |
| 6200.000000     | 45.6             | 200.0       | V            | 87.0          | 30.2                   | 15.4                | 8.4         | 54             |
| 6968.125000     | 44.9             | 200.0       | H            | 109.0         | 28.6                   | 16.3                | 9.1         | 54             |

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

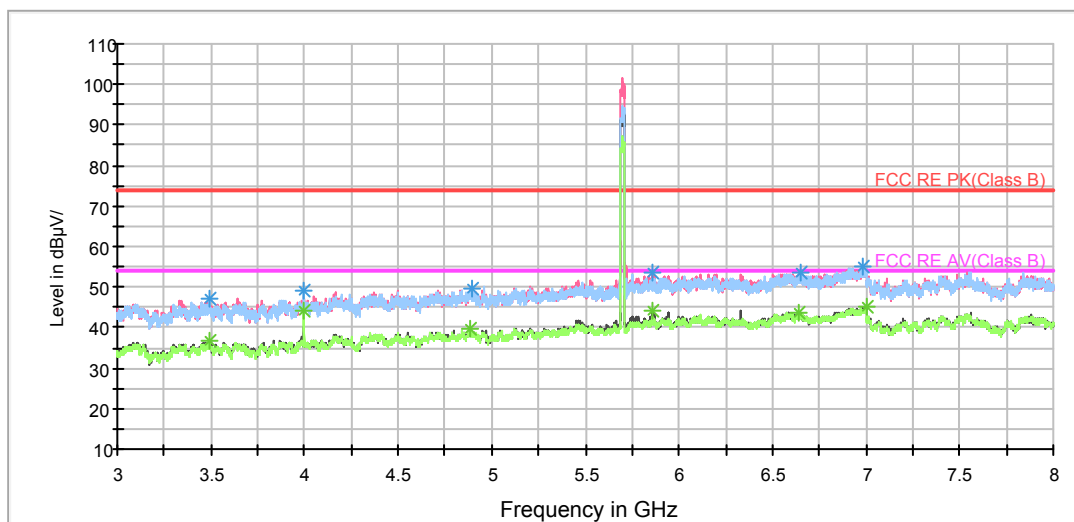
802.11n (HT20) CH140

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

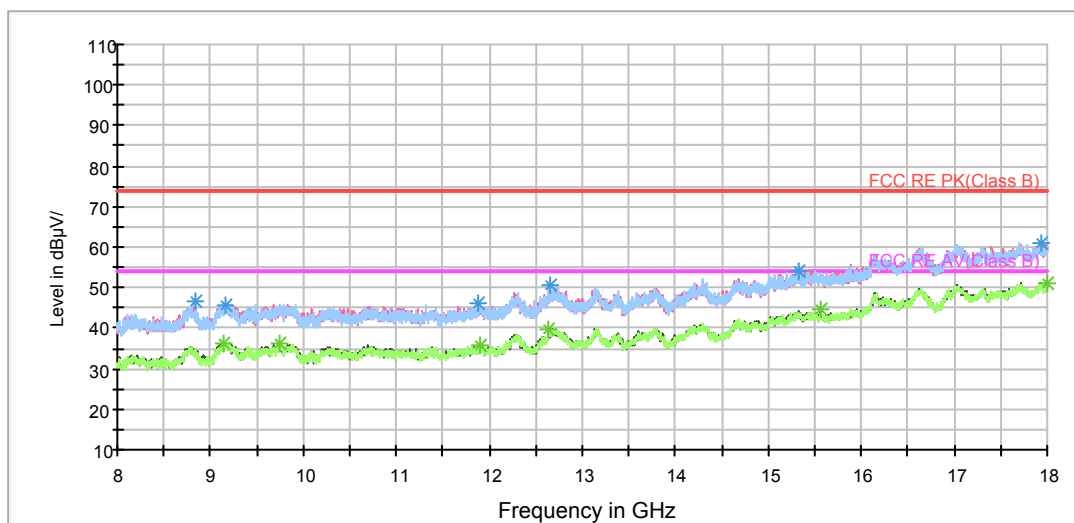
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3492.500000     | 47.2          | 200.0       | H            | 31.0          | 39.3                   | 7.9                 | 26.8        | 74             |
| 4000.000000     | 49.3          | 200.0       | H            | 22.0          | 40.4                   | 8.9                 | 24.7        | 74             |
| 4893.750000     | 49.5          | 200.0       | V            | 139.0         | 37.6                   | 11.9                | 24.5        | 74             |
| 5860.625000     | 53.5          | 200.0       | V            | 269.0         | 38.7                   | 14.8                | 20.5        | 74             |
| 6655.000000     | 53.6          | 200.0       | V            | 0.0           | 38.1                   | 15.5                | 20.4        | 74             |
| 6979.375000     | 55.3          | 200.0       | H            | 130.0         | 39.0                   | 16.3                | 18.7        | 74             |

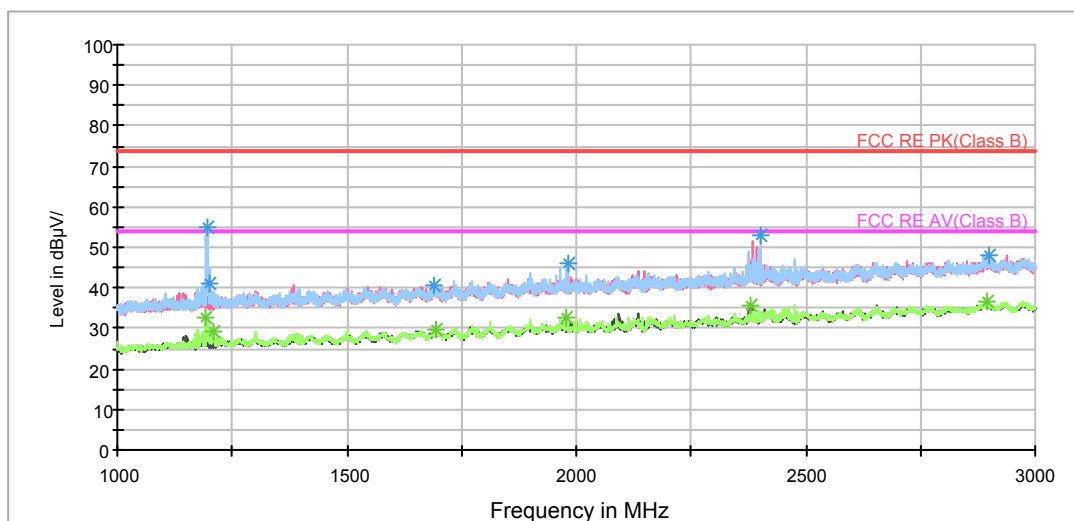
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3490.000000     | 36.6             | 200.0       | V            | 0.0           | 28.6                   | 8.0                 | 17.4        | 54             |
| 4000.000000     | 44.0             | 200.0       | H            | 22.0          | 35.1                   | 8.9                 | 10.0        | 54             |
| 4885.000000     | 39.6             | 200.0       | H            | 163.0         | 27.7                   | 11.9                | 14.4        | 54             |
| 5861.250000     | 44.3             | 200.0       | V            | 118.0         | 29.5                   | 14.8                | 9.7         | 54             |
| 6645.000000     | 43.6             | 200.0       | V            | 0.0           | 28.1                   | 15.5                | 10.4        | 54             |
| 6999.375000     | 45.1             | 200.0       | V            | 319.0         | 28.6                   | 16.5                | 8.9         | 54             |

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

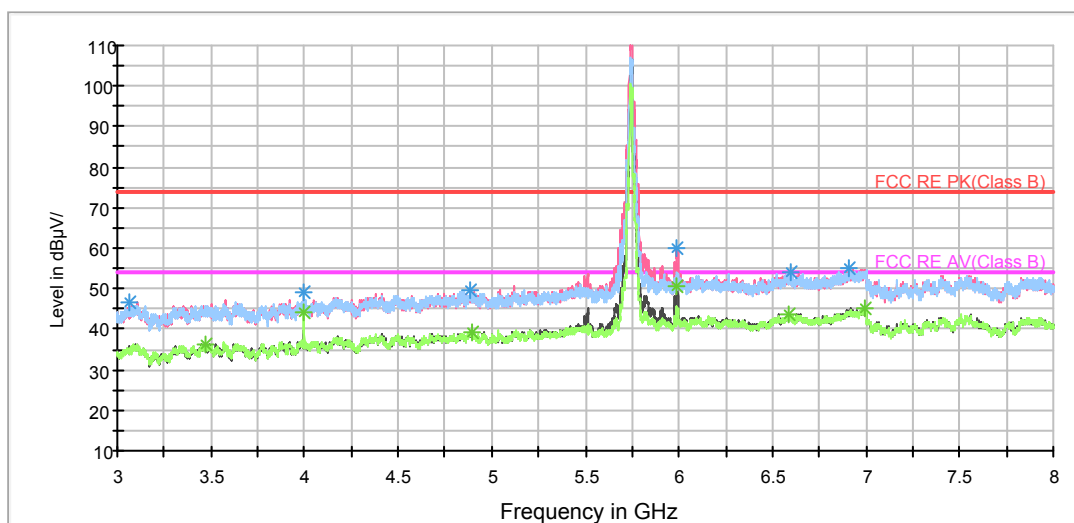
# 802.11n (HT20) CH149

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

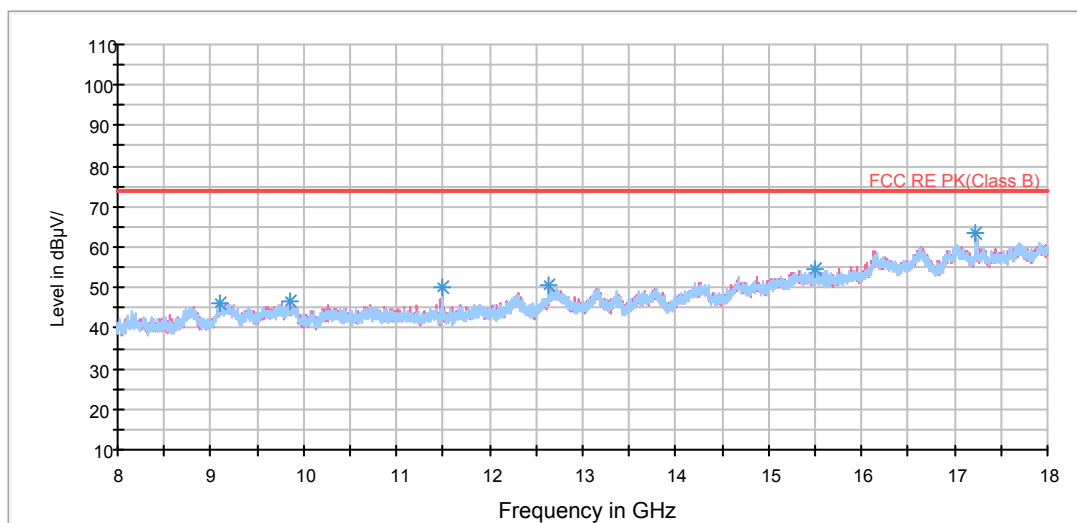
RE 3-18GHz PK+AV



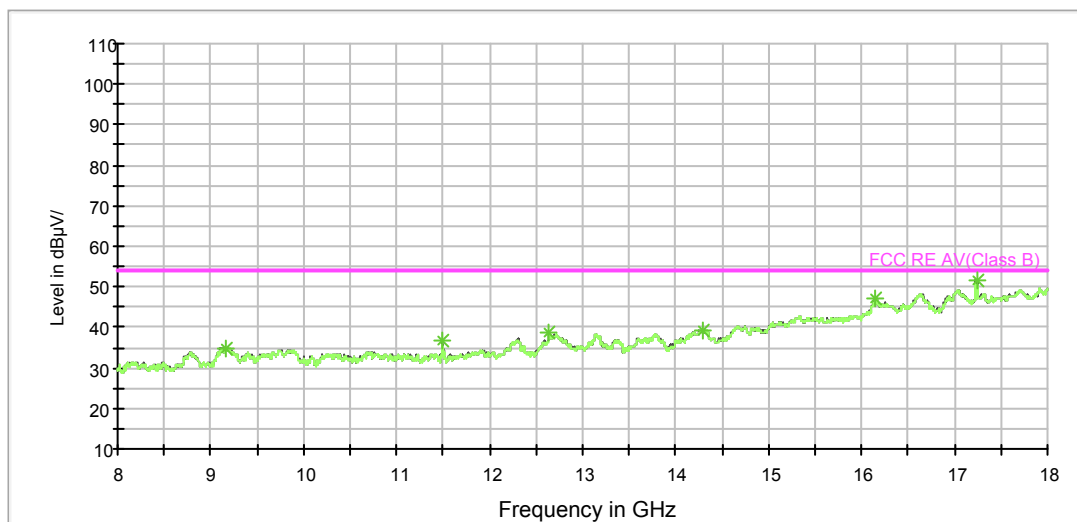
Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



RE 3-18GHz AV



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3065.625000     | 46.7          | 200.0       | H            | 101.0         | 39.8                   | 6.9                 | 27.3        | 74             |
| 4000.000000     | 49.0          | 200.0       | H            | 11.0          | 40.1                   | 8.9                 | 25.0        | 74             |
| 4883.125000     | 49.5          | 200.0       | V            | 202.0         | 37.6                   | 11.9                | 24.5        | 74             |
| 5990.625000     | 60.0          | 200.0       | V            | 23.0          | 45.2                   | 14.8                | 14.0        | 74             |
| 6598.125000     | 54.2          | 200.0       | V            | 270.0         | 38.5                   | 15.7                | 19.8        | 74             |
| 6906.250000     | 54.9          | 200.0       | H            | 120.0         | 38.6                   | 16.3                | 19.1        | 74             |

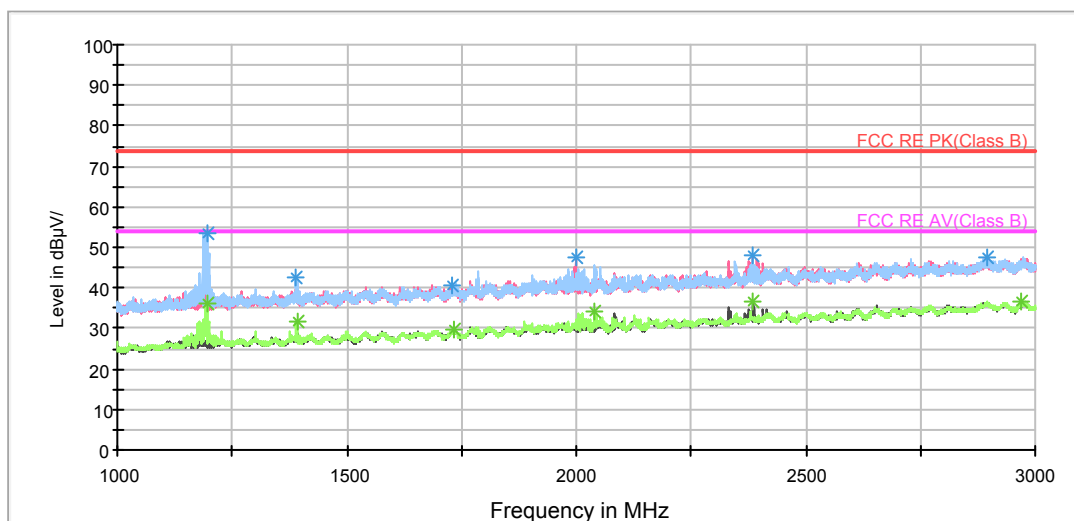
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3471.250000     | 36.2             | 200.0       | H            | 120.0         | 28.3                   | 7.9                 | 17.8        | 54             |
| 4000.000000     | 44.3             | 200.0       | H            | 11.0          | 35.4                   | 8.9                 | 9.7         | 54             |
| 4891.250000     | 39.4             | 200.0       | H            | 21.0          | 27.5                   | 11.9                | 14.6        | 54             |
| 5992.500000     | 50.6             | 200.0       | V            | 0.0           | 35.7                   | 14.9                | 3.4         | 54             |
| 6582.500000     | 43.8             | 200.0       | V            | 320.0         | 28.3                   | 15.5                | 10.2        | 54             |
| 6995.000000     | 45.2             | 200.0       | H            | 0.0           | 28.7                   | 16.5                | 8.8         | 54             |

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

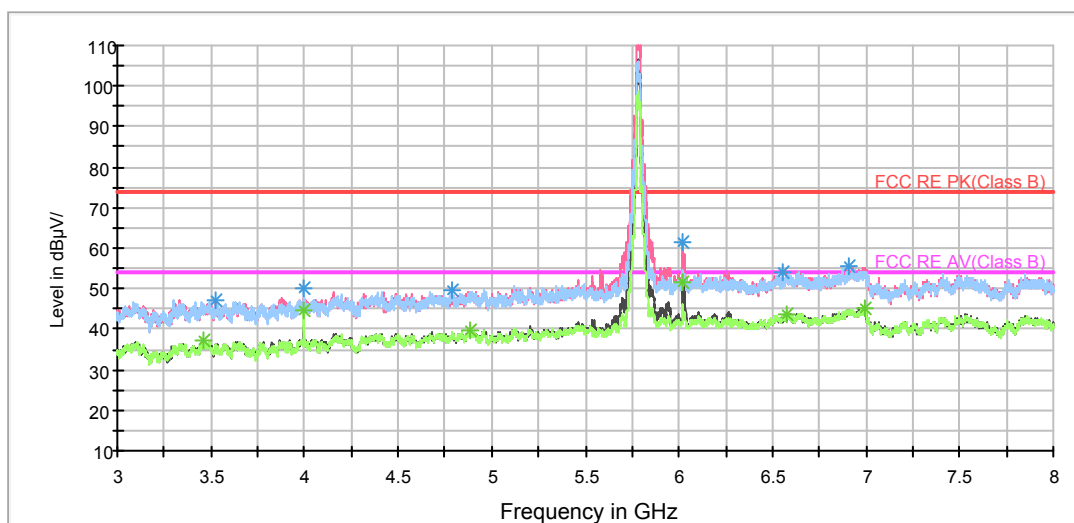
# 802.11n (HT20) CH157

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

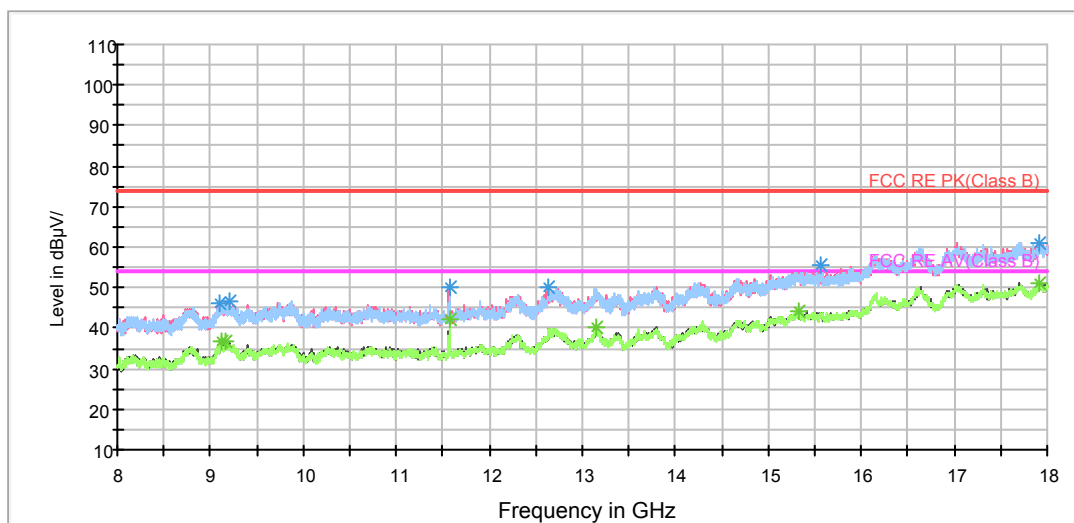
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3526.875000     | 47.2          | 200.0       | V            | 324.0         | 39.2                   | 8.0                 | 26.8        | 74             |
| 4000.000000     | 50.1          | 200.0       | H            | 206.0         | 41.2                   | 8.9                 | 23.9        | 74             |
| 4792.500000     | 49.7          | 200.0       | V            | 314.0         | 38.5                   | 11.2                | 24.3        | 74             |
| 6018.750000     | 61.3          | 200.0       | V            | 195.0         | 46.6                   | 14.7                | 12.7        | 74             |
| 6557.500000     | 54.1          | 200.0       | H            | 69.0          | 38.4                   | 15.7                | 19.9        | 74             |
| 6910.625000     | 55.8          | 200.0       | H            | 186.0         | 39.6                   | 16.2                | 18.2        | 74             |

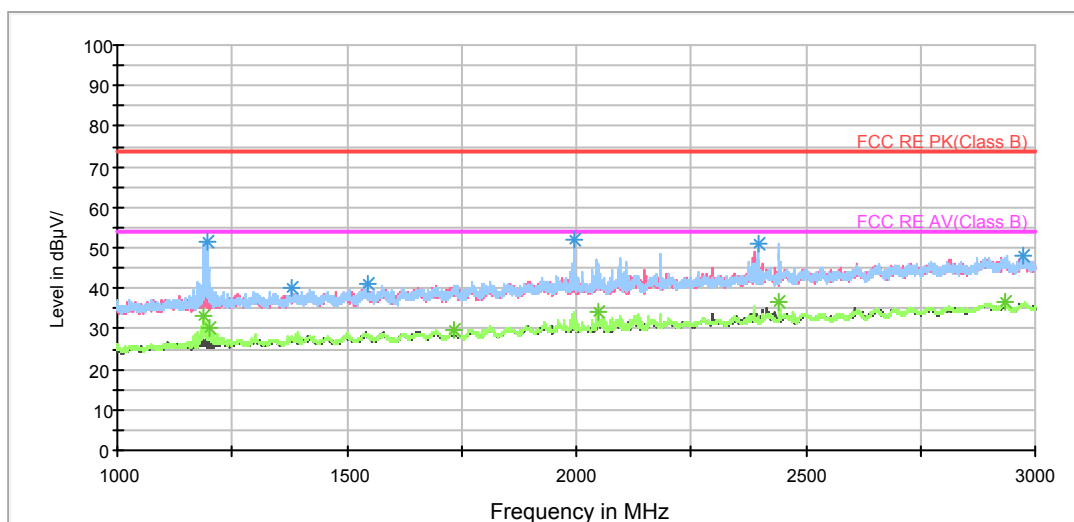
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3458.125000     | 37.0             | 200.0       | V            | 265.0         | 29.2                   | 7.8                 | 17.0        | 54             |
| 4000.000000     | 44.8             | 200.0       | H            | 206.0         | 35.9                   | 8.9                 | 9.2         | 54             |
| 4884.375000     | 39.8             | 200.0       | V            | 265.0         | 27.9                   | 11.9                | 14.2        | 54             |
| 6018.125000     | 51.5             | 200.0       | V            | 185.0         | 36.8                   | 14.7                | 2.5         | 54             |
| 6575.625000     | 43.7             | 200.0       | V            | 155.0         | 28.1                   | 15.6                | 10.3        | 54             |
| 6995.625000     | 45.4             | 200.0       | H            | 206.0         | 28.9                   | 16.5                | 8.6         | 54             |

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

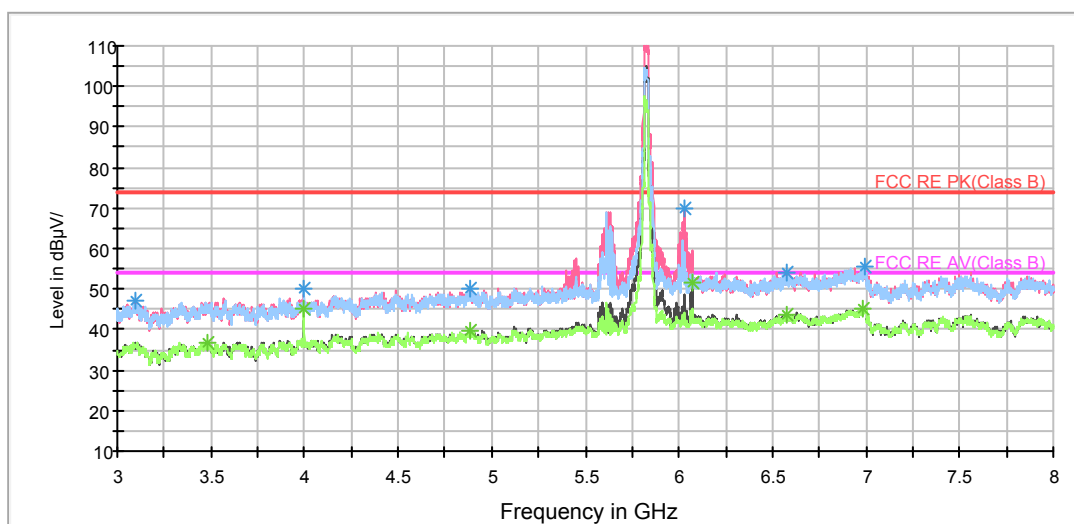
802.11n (HT20) CH165

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

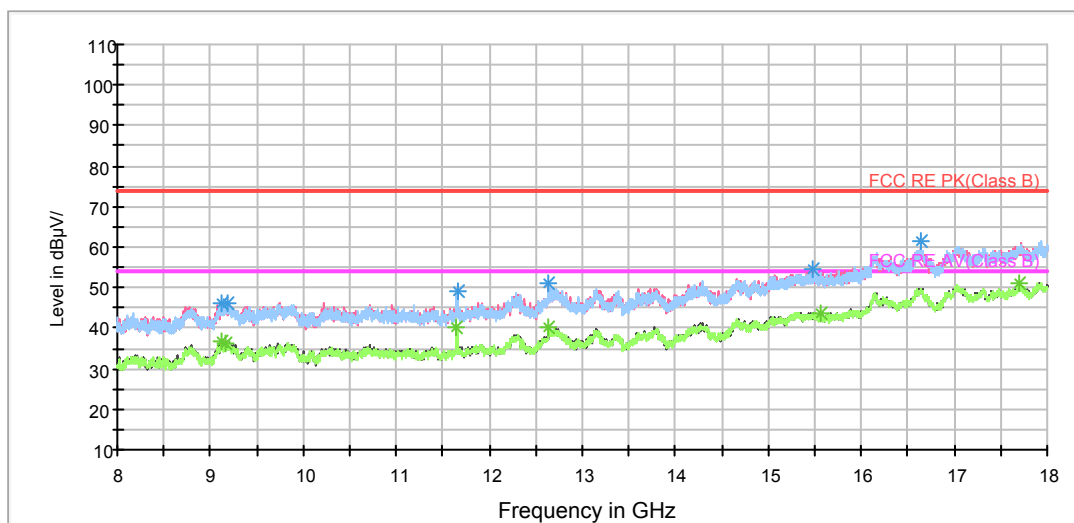
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3092.500000     | 47.1          | 200.0       | V            | 333.0         | 40.0                   | 7.1                 | 26.9        | 74             |
| 4000.000000     | 49.9          | 200.0       | H            | 207.0         | 41.0                   | 8.9                 | 24.1        | 74             |
| 4889.375000     | 50.0          | 200.0       | V            | 303.0         | 38.1                   | 11.9                | 24.0        | 74             |
| 6025.625000     | 69.7          | 200.0       | V            | 177.0         | 55.0                   | 14.7                | 4.3         | 74             |
| 6576.250000     | 54.2          | 200.0       | V            | 128.0         | 38.6                   | 15.6                | 19.8        | 74             |
| 6997.500000     | 55.7          | 200.0       | H            | 91.0          | 39.2                   | 16.5                | 18.3        | 74             |

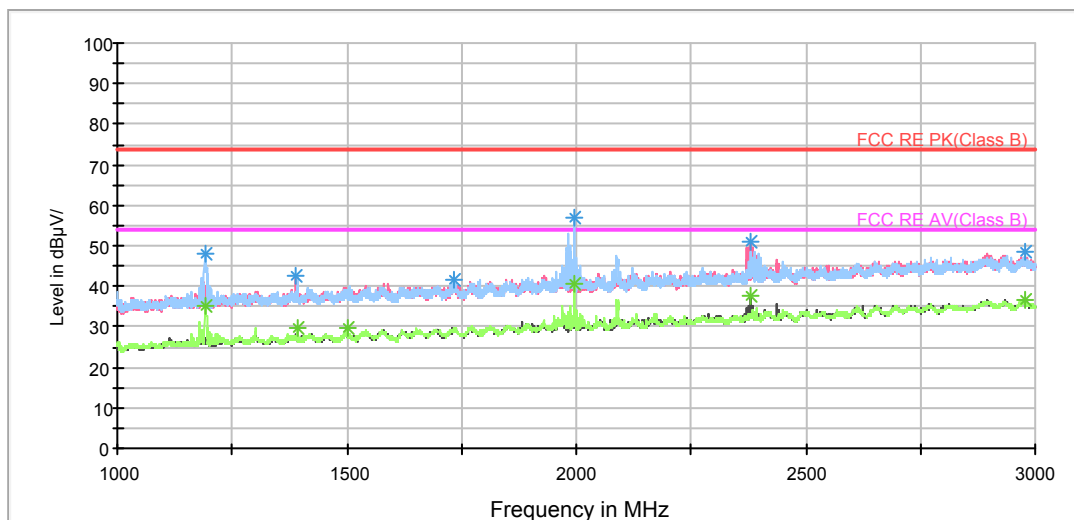
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3486.875000     | 36.9             | 200.0       | V            | 0.0           | 28.9                   | 8.0                 | 17.1        | 54             |
| 4000.000000     | 45.3             | 200.0       | H            | 207.0         | 36.4                   | 8.9                 | 8.7         | 54             |
| 4880.625000     | 39.7             | 200.0       | H            | 14.0          | 27.9                   | 11.8                | 14.3        | 54             |
| 6074.375000     | 51.5             | 200.0       | V            | 207.0         | 36.4                   | 15.1                | 2.5         | 54             |
| 6575.625000     | 43.8             | 200.0       | H            | 0.0           | 28.2                   | 15.6                | 10.2        | 54             |
| 6986.875000     | 45.2             | 200.0       | H            | 187.0         | 28.8                   | 16.4                | 8.8         | 54             |

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

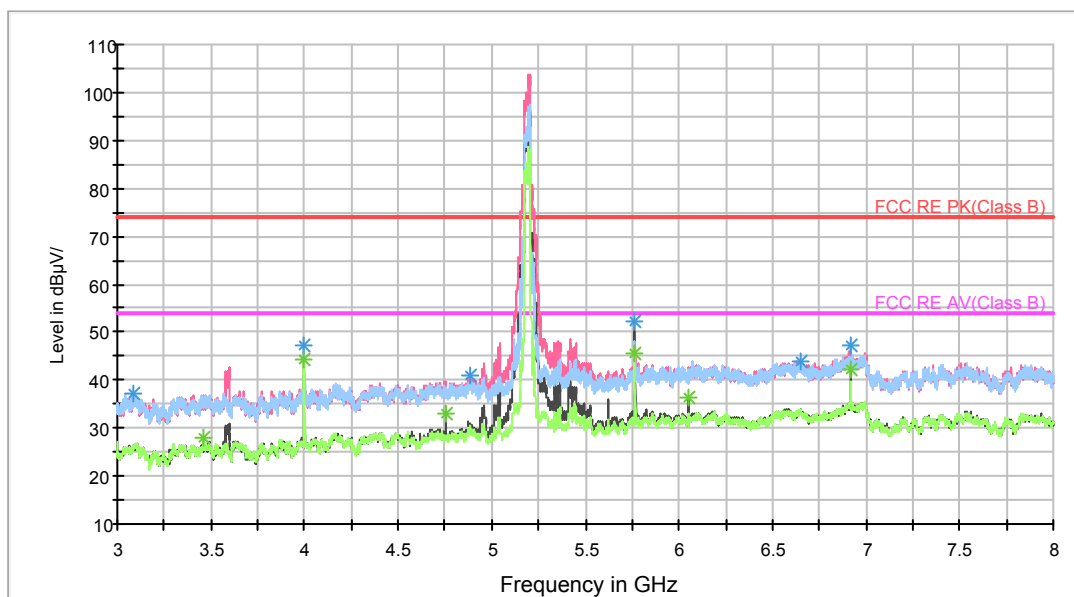
# 802.11n (HT40) CH38

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

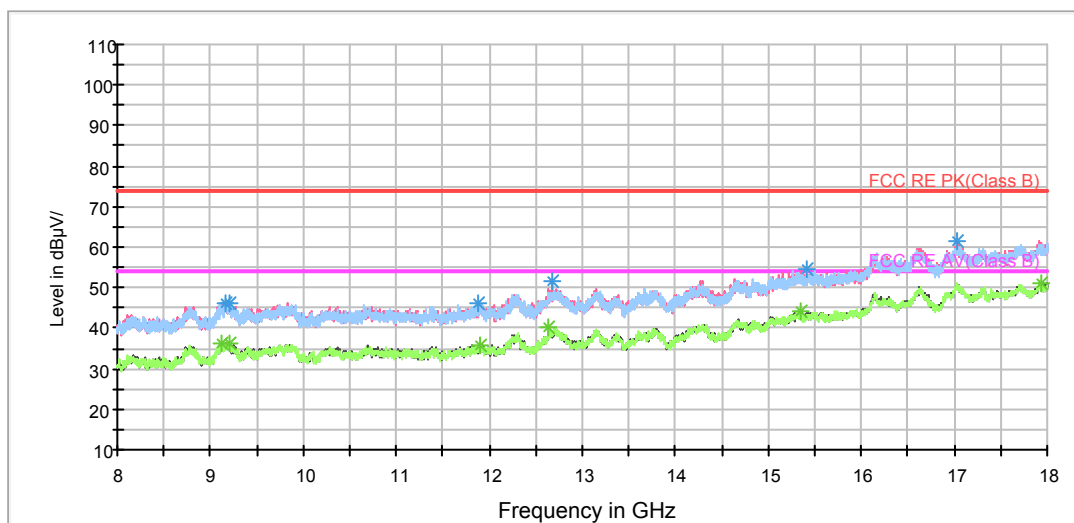
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3088.125000     | 37.2          | 200.0       | V            | 177.0         | 40.1                   | -2.9                | 36.8        | 74             |
| 4000.000000     | 47.1          | 200.0       | H            | 205.0         | 48.2                   | -1.1                | 26.9        | 74             |
| 4879.375000     | 41.0          | 100.0       | V            | 277.0         | 39.2                   | 1.8                 | 33.0        | 74             |
| 6655.000000     | 44.0          | 100.0       | V            | 248.0         | 38.5                   | 5.5                 | 30.0        | 74             |
| 6920.000000     | 47.3          | 200.0       | V            | 157.0         | 41.1                   | 6.2                 | 26.7        | 74             |
| 5766.875000     | 52.4          | 200.0       | V            | 210.0         | 48.7                   | 3.7                 | 21.6        | 74             |

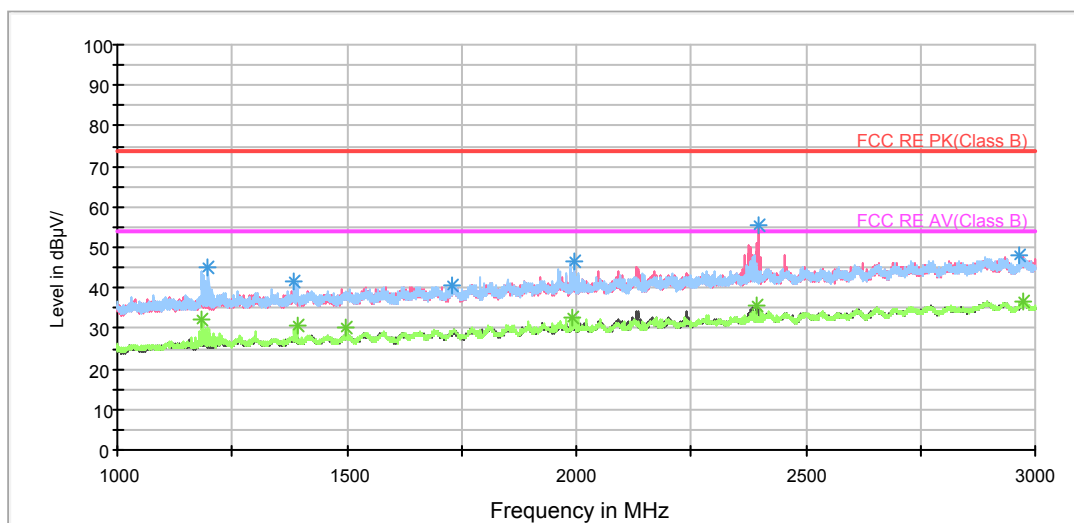
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3460.000000     | 27.8             | 200.0       | H            | 0.0           | 30.0                   | -2.2                | 26.2        | 54             |
| 4000.000000     | 44.4             | 200.0       | H            | 205.0         | 45.5                   | -1.1                | 9.6         | 54             |
| 4757.500000     | 33.0             | 200.0       | V            | 137.0         | 31.9                   | 1.1                 | 21.0        | 54             |
| 6055.000000     | 36.2             | 200.0       | V            | 49.0          | 31.3                   | 4.9                 | 17.8        | 54             |
| 6920.000000     | 42.2             | 200.0       | V            | 157.0         | 36.0                   | 6.2                 | 11.8        | 54             |
| 5766.875000     | 45.6             | 200.0       | H            | 244.0         | 41.9                   | 3.7                 | 8.4         | 54             |

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

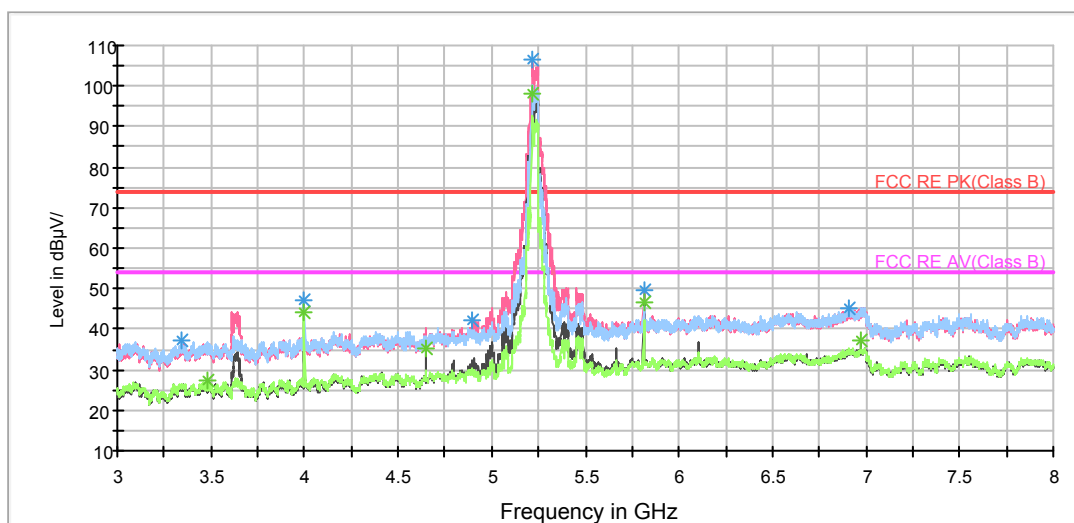
## 802.11n (HT40) CH46

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV

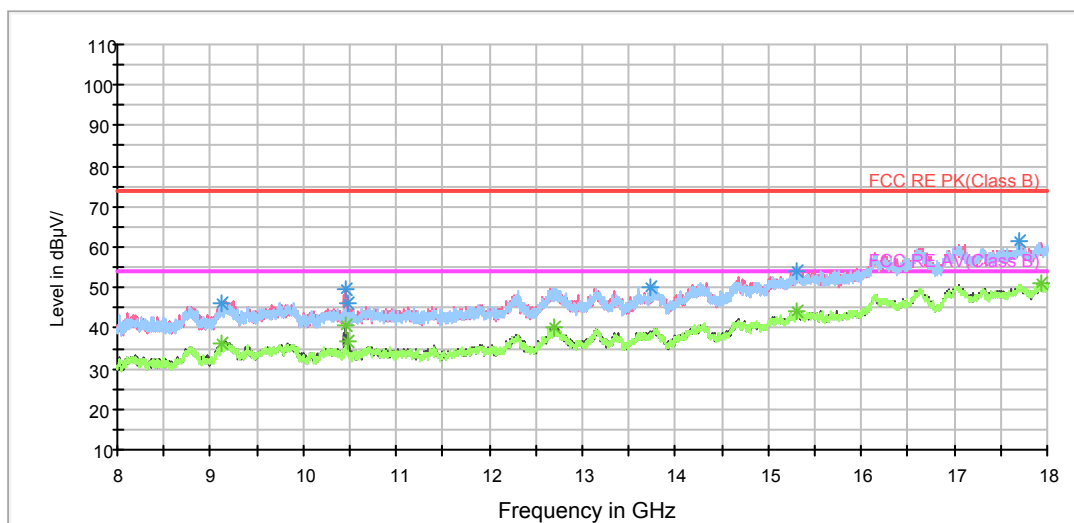


Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3340.625000     | 37.1          | 200.0       | H            | 0.0           | 39.5                   | -2.4                | 36.9        | 74             |
| 4000.000000     | 47.0          | 200.0       | H            | 213.0         | 48.1                   | -1.1                | 27.0        | 74             |
| 4897.500000     | 42.2          | 200.0       | V            | 155.0         | 40.3                   | 1.9                 | 31.8        | 74             |
| 5811.250000     | 49.5          | 200.0       | V            | 0.0           | 45.1                   | 4.4                 | 24.5        | 74             |
| 6904.375000     | 45.4          | 200.0       | H            | 233.0         | 39.1                   | 6.3                 | 28.6        | 74             |
| 9121.250000     | 46.1          | 200.0       | H            | 144.0         | 36.0                   | 10.1                | 27.9        | 74             |

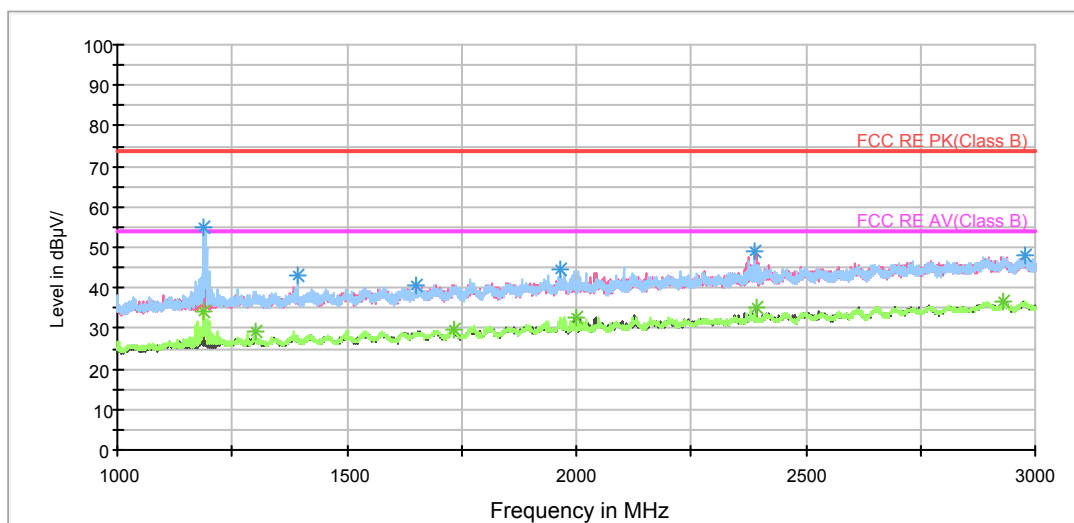
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3486.250000     | 27.5             | 200.0       | H            | 213.0         | 29.5                   | -2.0                | 26.5        | 54             |
| 4000.000000     | 44.3             | 200.0       | H            | 213.0         | 45.4                   | -1.1                | 9.7         | 54             |
| 4648.750000     | 35.5             | 200.0       | V            | 87.0          | 34.6                   | 0.9                 | 18.5        | 54             |
| 5811.250000     | 46.6             | 200.0       | V            | 0.0           | 42.2                   | 4.4                 | 7.4         | 54             |
| 6973.125000     | 37.1             | 200.0       | V            | 224.0         | 30.8                   | 6.3                 | 16.9        | 54             |
| 9115.000000     | 36.4             | 200.0       | V            | 333.0         | 26.5                   | 9.9                 | 17.6        | 54             |

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

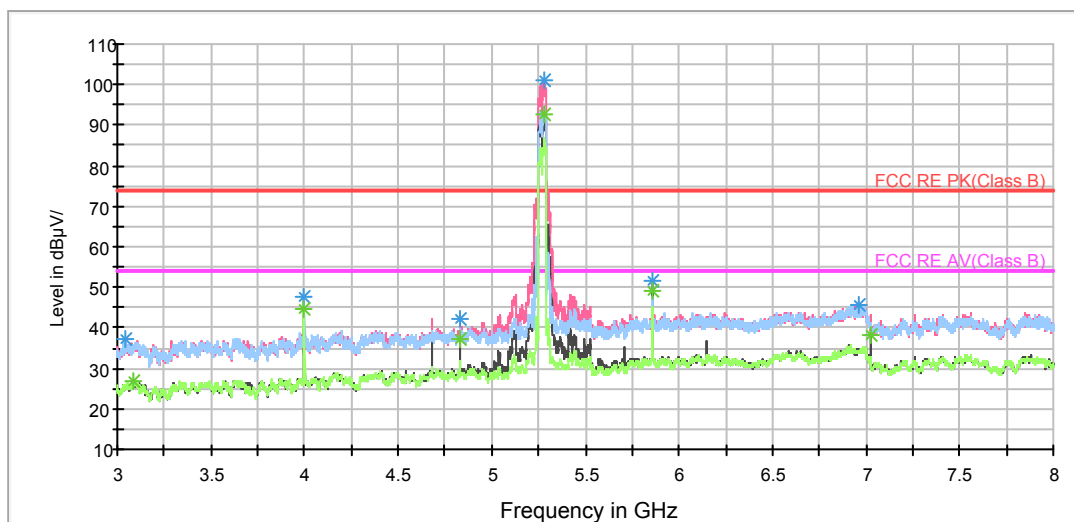
## 802.11n (HT40) CH54

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

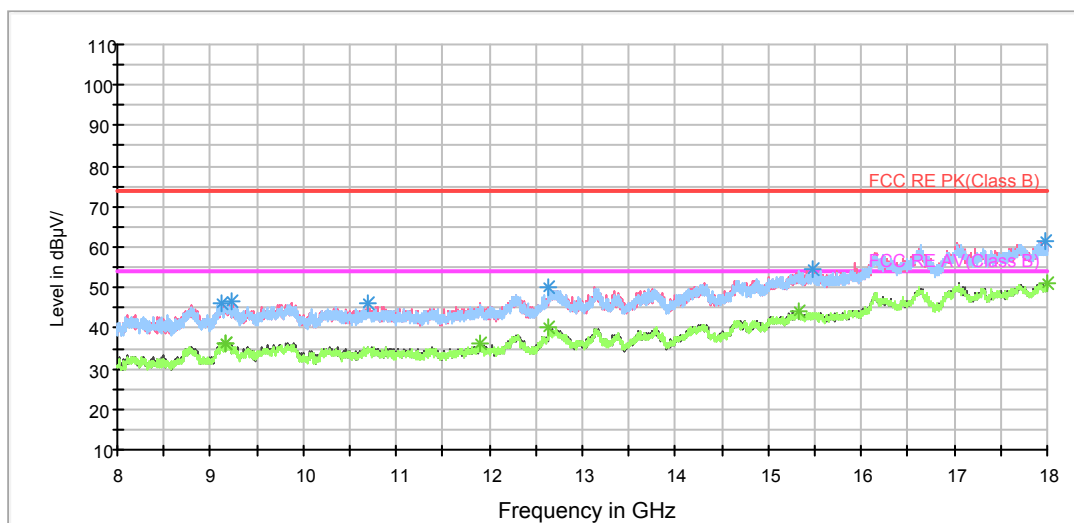
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3048.125000     | 37.1          | 200.0       | H            | 209.0         | 40.3                   | -3.2                | 36.9        | 74             |
| 4000.000000     | 47.4          | 200.0       | H            | 209.0         | 48.5                   | -1.1                | 26.6        | 74             |
| 4830.625000     | 42.1          | 200.0       | V            | 149.0         | 40.6                   | 1.5                 | 31.9        | 74             |
| 5855.625000     | 51.5          | 200.0       | V            | 209.0         | 46.7                   | 4.8                 | 22.5        | 74             |
| 6961.250000     | 45.6          | 100.0       | H            | 175.0         | 39.4                   | 6.2                 | 28.4        | 74             |
| 9122.500000     | 46.2          | 200.0       | V            | 209.0         | 36.1                   | 10.1                | 27.8        | 74             |

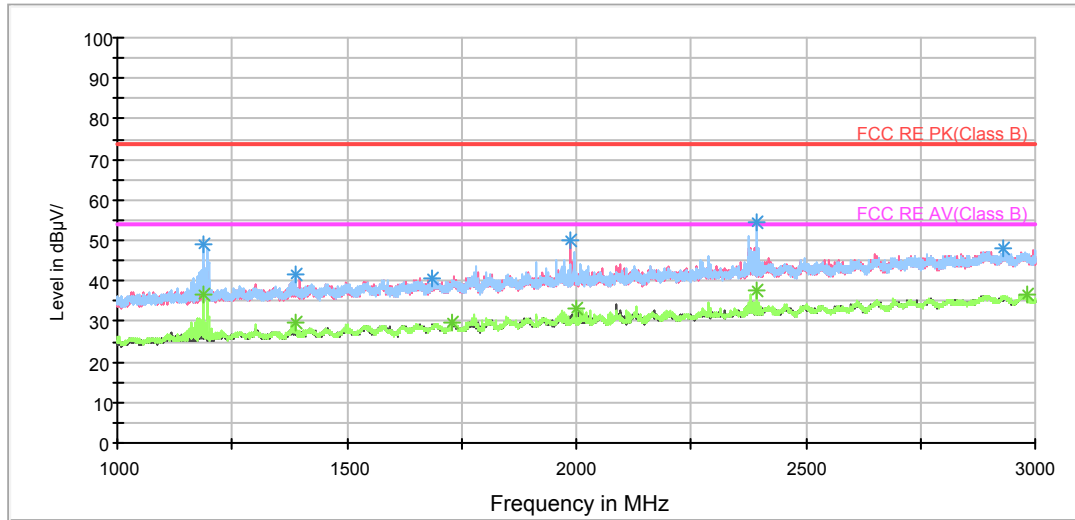
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3090.625000     | 26.9             | 100.0       | H            | 87.0          | 29.8                   | -2.9                | 27.1        | 54             |
| 4000.000000     | 44.8             | 200.0       | H            | 209.0         | 45.9                   | -1.1                | 9.2         | 54             |
| 4830.625000     | 37.4             | 200.0       | V            | 149.0         | 35.9                   | 1.5                 | 16.6        | 54             |
| 5855.625000     | 49.4             | 200.0       | V            | 209.0         | 44.6                   | 4.8                 | 4.6         | 54             |
| 7026.875000     | 38.0             | 200.0       | V            | 179.0         | 31.6                   | 6.4                 | 16.0        | 54             |
| 9157.500000     | 36.4             | 200.0       | H            | 59.0          | 26.3                   | 10.1                | 37.6        | 54             |

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

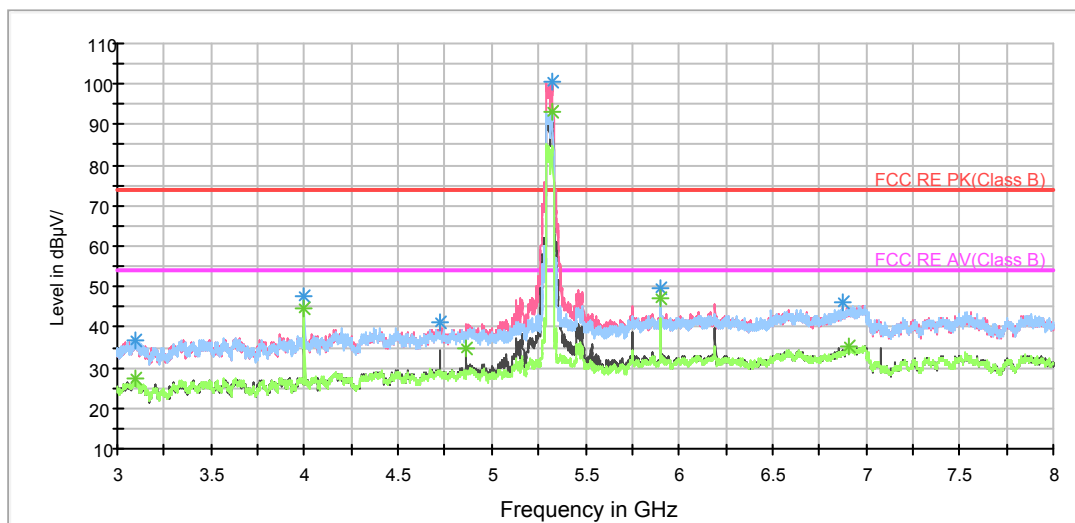
## 802.11n (HT40) CH62

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

### RE 3-18GHz PK+AV

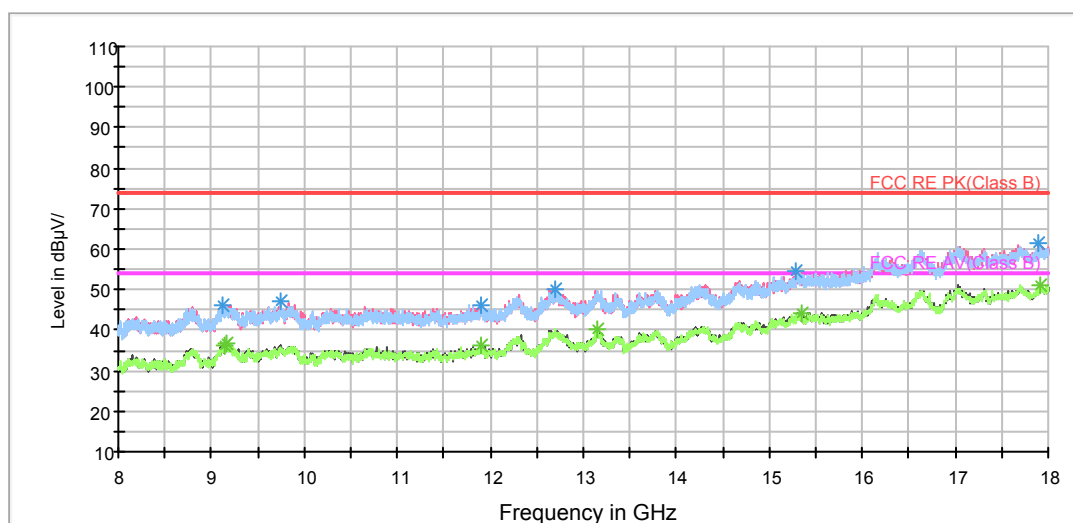


Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3096.250000     | 36.9          | 200.0       | H            | 116.0         | 39.7                   | -2.8                | 37.1        | 74             |
| 4000.000000     | 47.7          | 200.0       | H            | 208.0         | 48.8                   | -1.1                | 26.3        | 74             |
| 4720.000000     | 41.2          | 200.0       | V            | 250.0         | 40.4                   | 0.8                 | 32.8        | 74             |
| 5900.000000     | 49.8          | 200.0       | V            | 221.0         | 45.0                   | 4.8                 | 24.2        | 74             |
| 6878.750000     | 46.2          | 100.0       | H            | 260.0         | 40.2                   | 6.0                 | 27.8        | 74             |
| 9110.000000     | 46.0          | 200.0       | V            | 69.0          | 36.2                   | 9.8                 | 28.0        | 74             |

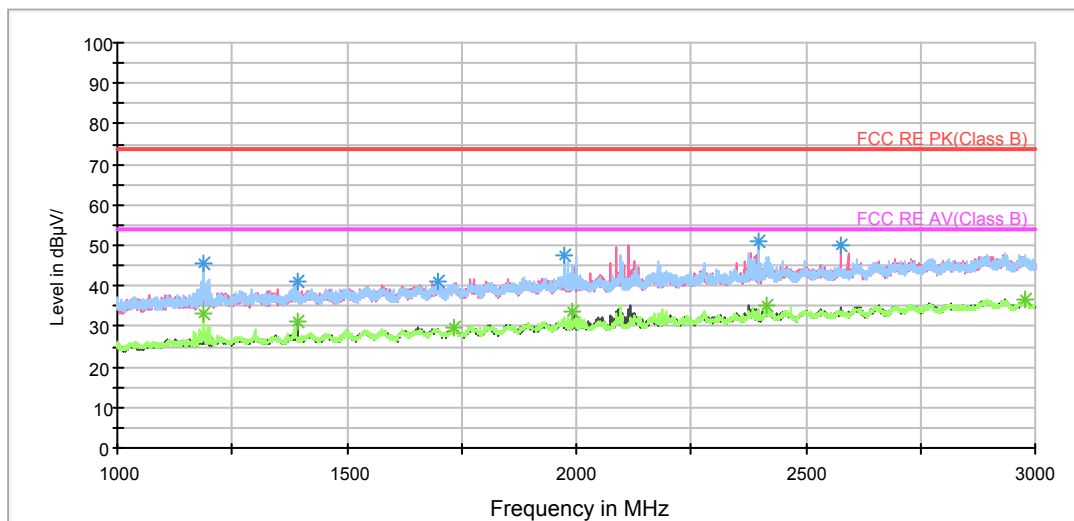
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3100.625000     | 27.2             | 100.0       | H            | 6.0           | 30.0                   | -2.8                | 26.8        | 54             |
| 4000.000000     | 44.6             | 200.0       | H            | 208.0         | 45.7                   | -1.1                | 9.4         | 54             |
| 4867.500000     | 34.6             | 200.0       | V            | 132.0         | 32.9                   | 1.7                 | 19.4        | 54             |
| 5900.000000     | 47.4             | 200.0       | V            | 221.0         | 42.6                   | 4.8                 | 6.6         | 54             |
| 6912.500000     | 35.2             | 200.0       | V            | 51.0          | 29.0                   | 6.2                 | 18.8        | 54             |
| 9152.500000     | 36.4             | 200.0       | H            | 0.0           | 26.2                   | 10.2                | 17.6        | 54             |

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

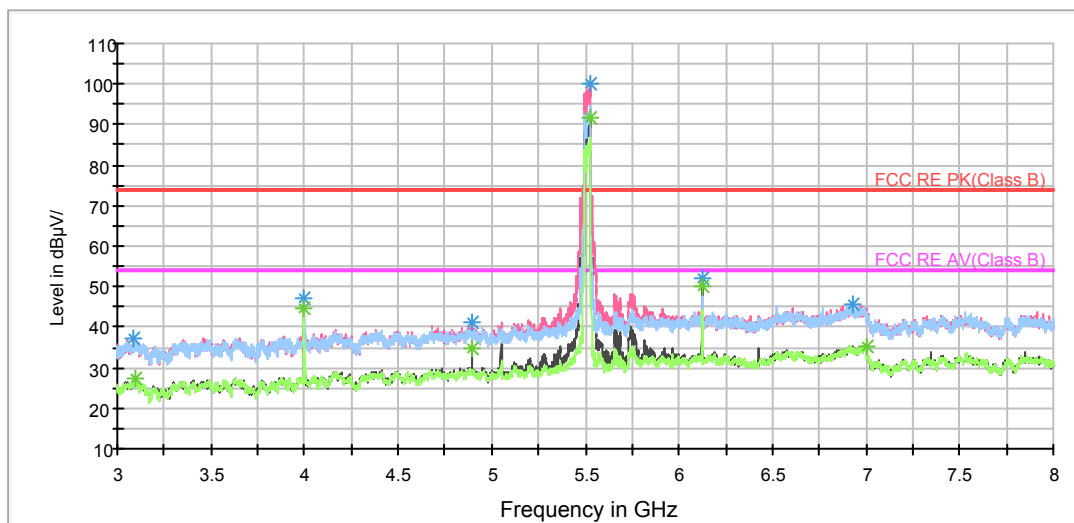
## 802.11n (HT40) CH102

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

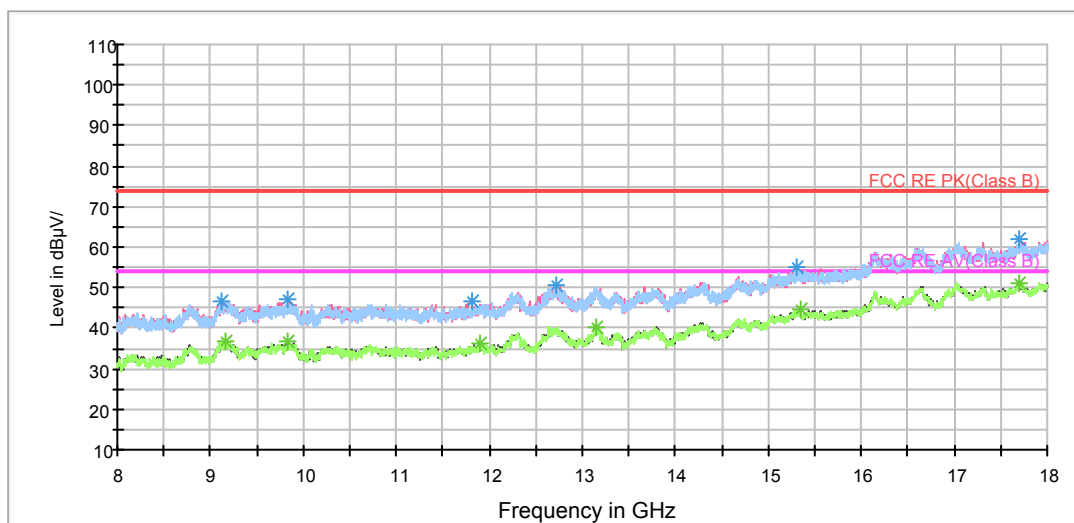
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3083.125000     | 37.3          | 100.0       | H            | 67.0          | 40.3                   | -3.0                | 36.7        | 74             |
| 4000.000000     | 47.1          | 200.0       | H            | 206.0         | 48.2                   | -1.1                | 26.9        | 74             |
| 4897.500000     | 41.0          | 100.0       | V            | 265.0         | 39.1                   | 1.9                 | 33.0        | 74             |
| 6122.500000     | 52.1          | 200.0       | V            | 211.0         | 46.7                   | 5.4                 | 21.9        | 74             |
| 6927.500000     | 45.7          | 200.0       | V            | 1.0           | 39.5                   | 6.2                 | 28.3        | 74             |
| 9118.750000     | 46.6          | 100.0       | V            | 0.0           | 36.6                   | 10.0                | 27.4        | 74             |

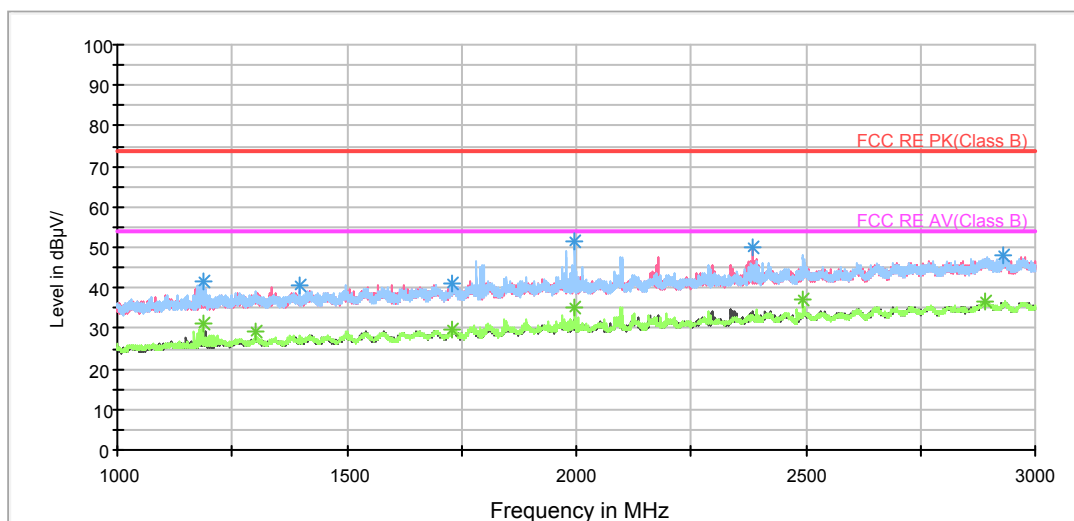
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3101.250000     | 27.5             | 200.0       | H            | 304.0         | 30.3                   | -2.8                | 26.5        | 54             |
| 4000.000000     | 44.6             | 200.0       | H            | 206.0         | 45.7                   | -1.1                | 9.4         | 54             |
| 4897.500000     | 34.6             | 200.0       | V            | 251.0         | 32.7                   | 1.9                 | 19.4        | 54             |
| 6122.500000     | 50.1             | 200.0       | V            | 211.0         | 44.7                   | 5.4                 | 3.9         | 54             |
| 6999.375000     | 35.5             | 200.0       | H            | 256.0         | 29.0                   | 6.5                 | 18.5        | 54             |
| 9156.250000     | 36.6             | 200.0       | V            | 34.0          | 26.3                   | 10.3                | 17.4        | 54             |

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

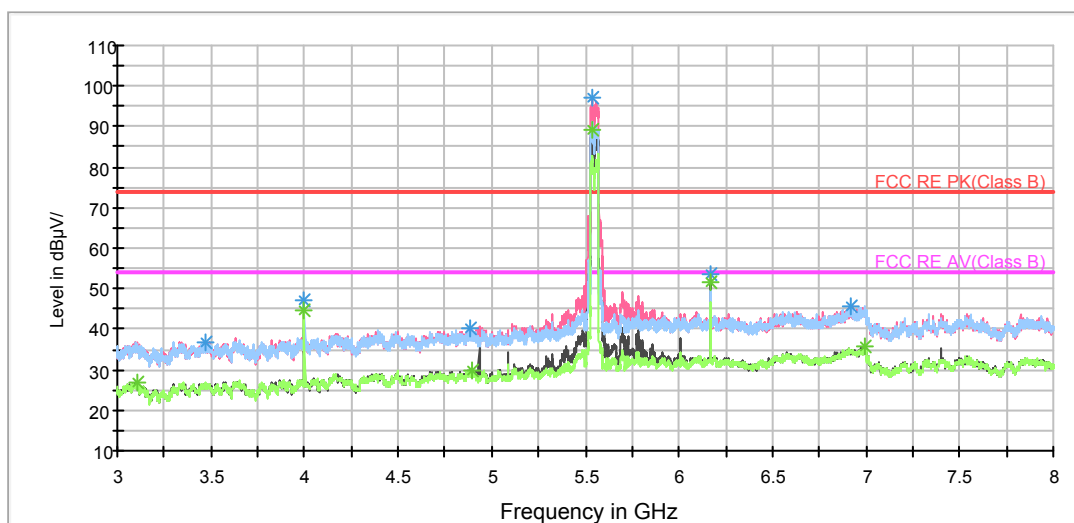
# 802.11n (HT40) CH118

## RE 1G-3GHz PK+AV



## Radiates Emission from 1GHz to 3GHz

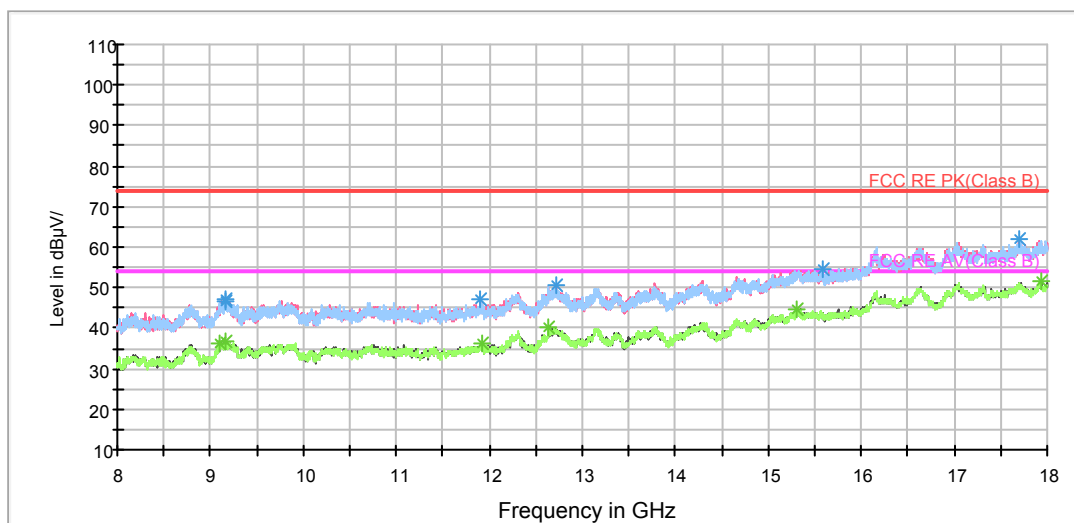
## RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

## Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3472.500000     | 36.9          | 100.0       | V            | 0.0           | 39.0                   | -2.1                | 37.1        | 74             |
| 4000.000000     | 47.2          | 200.0       | H            | 197.0         | 48.3                   | -1.1                | 26.8        | 74             |
| 4883.750000     | 40.2          | 200.0       | V            | 17.0          | 38.3                   | 1.9                 | 33.8        | 74             |
| 6166.875000     | 53.5          | 200.0       | V            | 0.0           | 47.9                   | 5.6                 | 20.5        | 74             |
| 6922.500000     | 45.8          | 200.0       | V            | 95.0          | 39.6                   | 6.2                 | 28.2        | 74             |
| 9157.500000     | 46.8          | 200.0       | V            | 81.0          | 36.5                   | 10.3                | 27.2        | 74             |

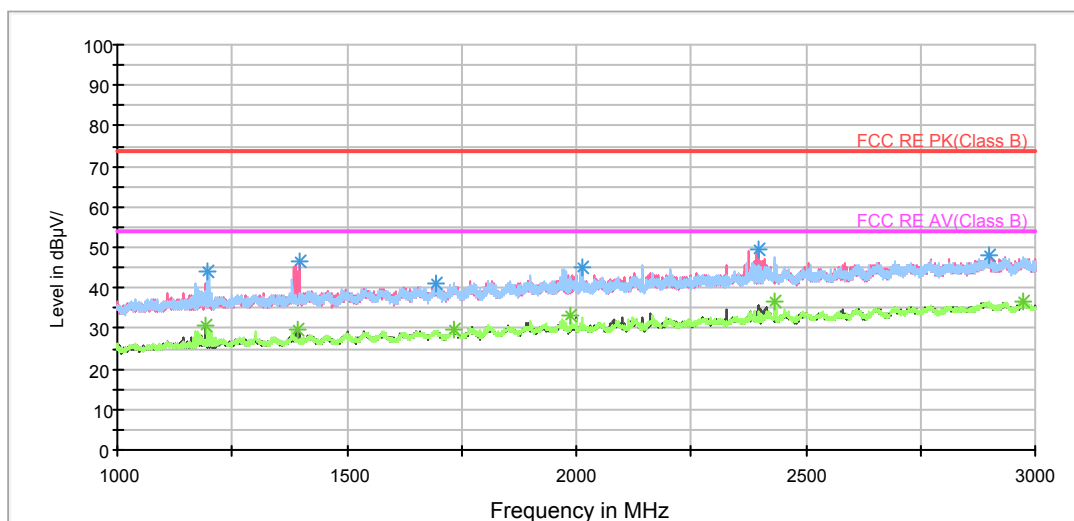
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3102.500000     | 27.1             | 100.0       | V            | 355.0         | 29.9                   | -2.8                | 26.9        | 54             |
| 4000.000000     | 44.5             | 200.0       | H            | 197.0         | 45.6                   | -1.1                | 9.5         | 54             |
| 4896.250000     | 29.9             | 200.0       | V            | 203.0         | 28.0                   | 1.9                 | 24.1        | 54             |
| 6166.875000     | 51.8             | 200.0       | V            | 0.0           | 46.2                   | 5.6                 | 2.2         | 54             |
| 6992.500000     | 35.6             | 100.0       | V            | 355.0         | 29.1                   | 6.5                 | 18.4        | 54             |
| 9098.750000     | 36.4             | 100.0       | V            | 0.0           | 26.9                   | 9.5                 | 17.6        | 54             |

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

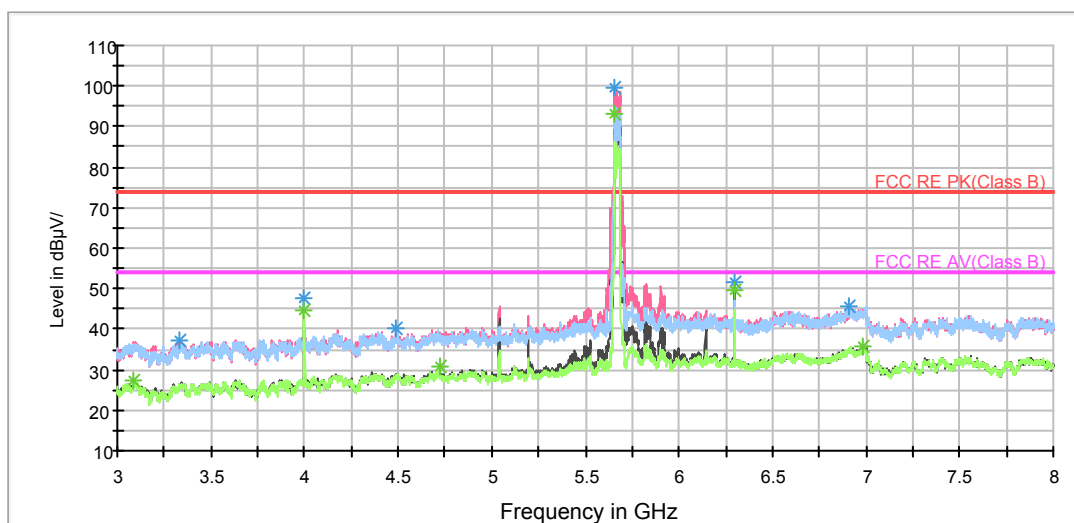
# 802.11n (HT40) CH134

## RE 1G-3GHz PK+AV



## Radiates Emission from 1GHz to 3GHz

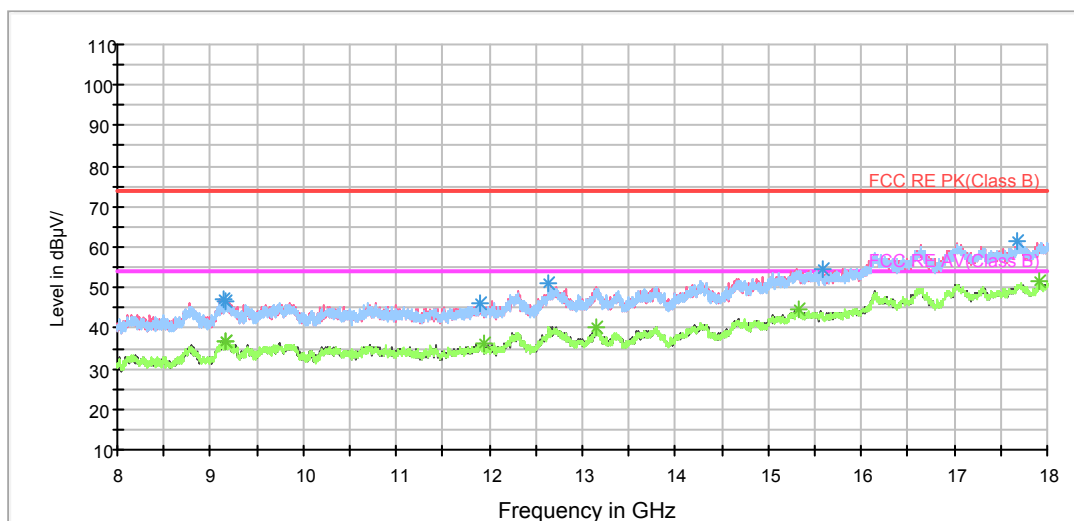
## RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

## Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3335.625000     | 37.1          | 200.0       | V            | 106.0         | 39.4                   | -2.3                | 36.9        | 74             |
| 4000.000000     | 47.6          | 200.0       | H            | 208.0         | 48.7                   | -1.1                | 26.4        | 74             |
| 4492.500000     | 40.1          | 200.0       | H            | 99.0          | 39.6                   | 0.5                 | 33.9        | 74             |
| 6300.000000     | 51.6          | 200.0       | V            | 274.0         | 46.2                   | 5.4                 | 22.4        | 74             |
| 6911.250000     | 45.6          | 100.0       | V            | 344.0         | 39.4                   | 6.2                 | 28.4        | 74             |
| 9151.250000     | 47.2          | 100.0       | H            | 58.0          | 37.0                   | 10.2                | 26.8        | 74             |

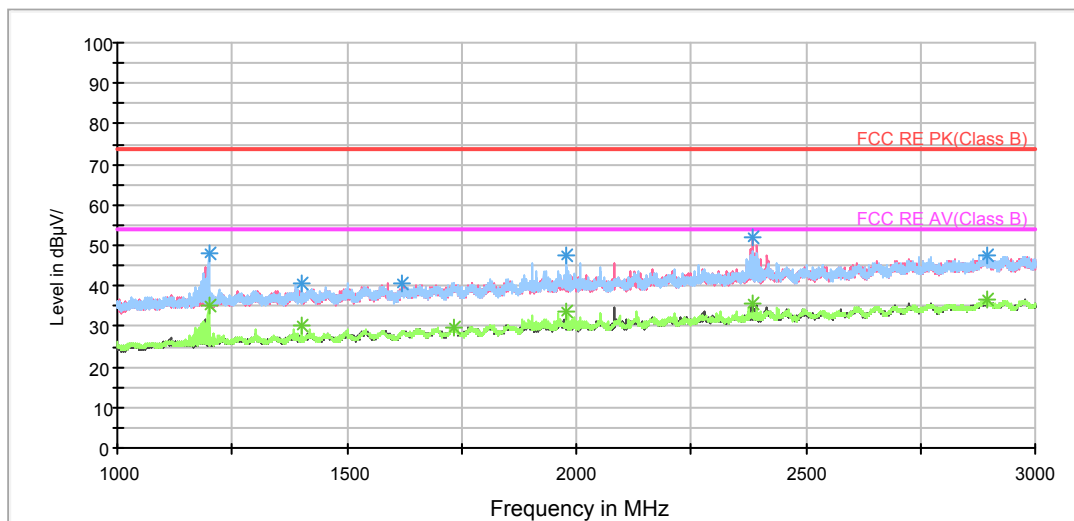
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3090.625000     | 27.2             | 100.0       | H            | 135.0         | 30.1                   | -2.9                | 26.8        | 54             |
| 4000.000000     | 44.6             | 200.0       | H            | 208.0         | 45.7                   | -1.1                | 9.4         | 54             |
| 4725.000000     | 30.9             | 200.0       | V            | 0.0           | 30.1                   | 0.8                 | 23.1        | 54             |
| 6300.000000     | 49.7             | 200.0       | V            | 274.0         | 44.3                   | 5.4                 | 4.3         | 54             |
| 6980.000000     | 35.6             | 100.0       | H            | 10.0          | 29.2                   | 6.4                 | 18.4        | 54             |
| 9157.500000     | 36.7             | 200.0       | V            | 279.0         | 26.4                   | 10.3                | 17.3        | 54             |

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

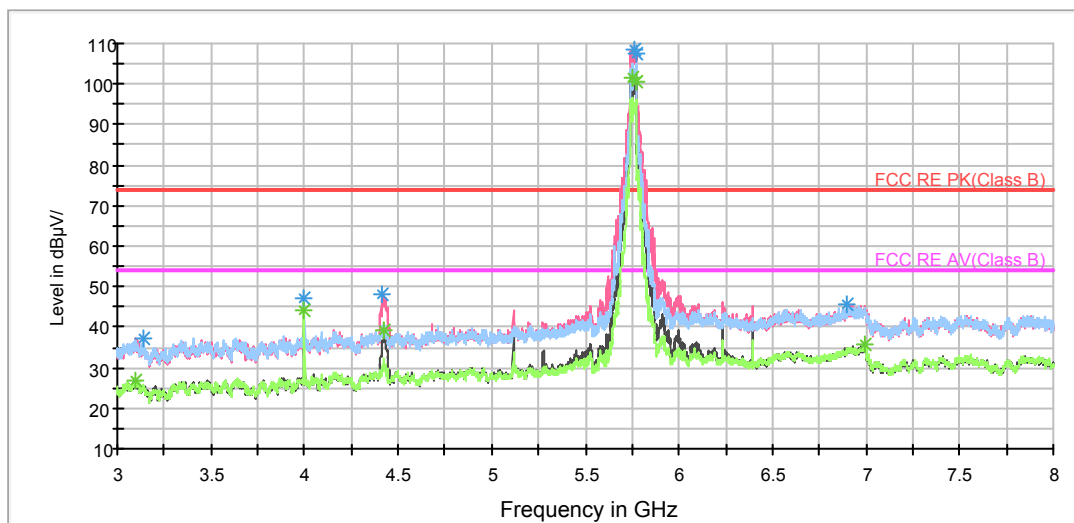
## 802.11n (HT40) CH151

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

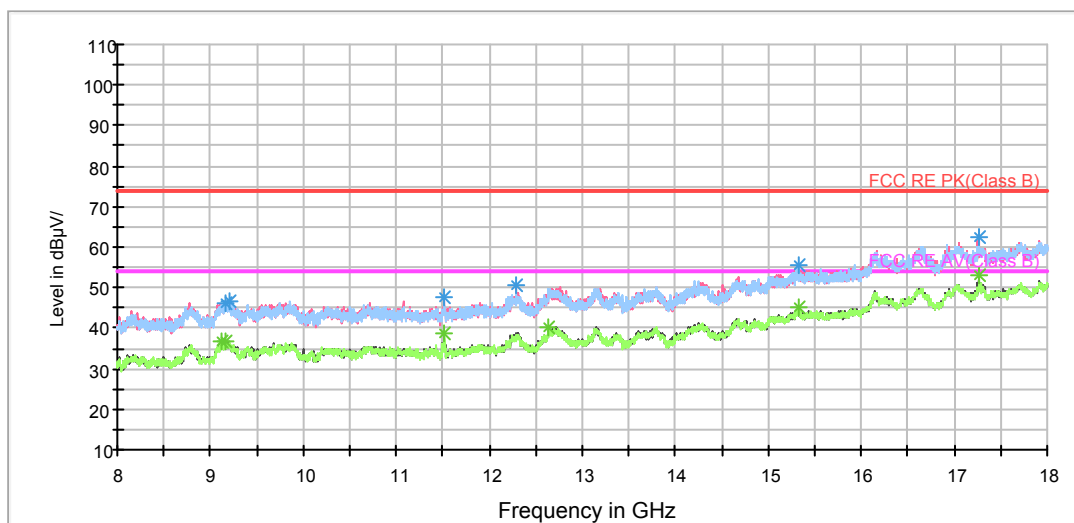
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3135.625000     | 37.3          | 100.0       | H            | 11.0          | 40.0                   | -2.7                | 36.7        | 74             |
| 4000.000000     | 46.9          | 200.0       | H            | 196.0         | 48.0                   | -1.1                | 27.1        | 74             |
| 4416.875000     | 48.0          | 200.0       | V            | 181.0         | 47.8                   | 0.2                 | 26.0        | 74             |
| 6900.000000     | 45.6          | 100.0       | H            | 11.0          | 39.3                   | 6.3                 | 28.4        | 74             |
| 9153.750000     | 46.3          | 200.0       | V            | 20.0          | 36.1                   | 10.2                | 27.7        | 74             |
| 9206.250000     | 46.7          | 100.0       | H            | 18.0          | 36.5                   | 10.2                | 27.3        | 74             |

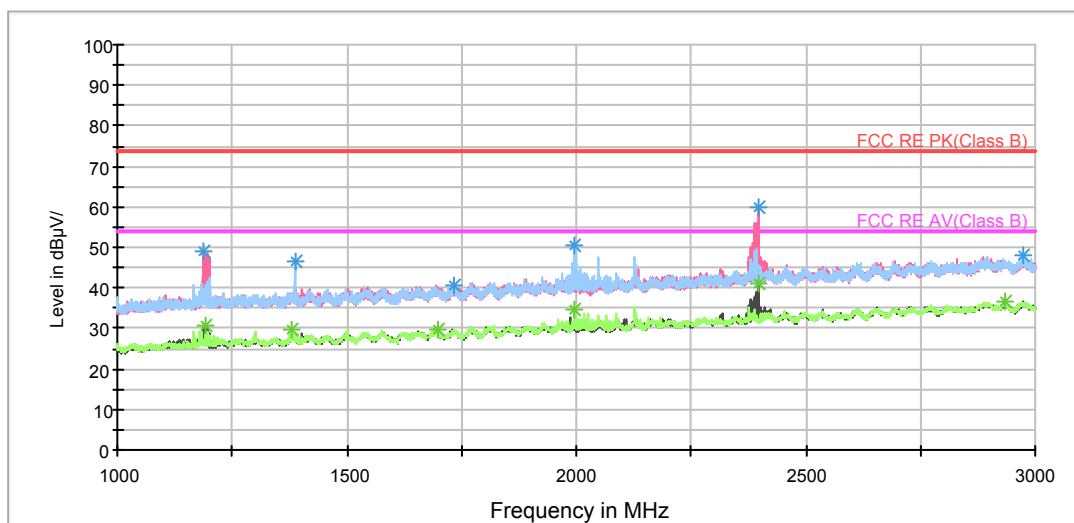
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3099.375000     | 27.0             | 200.0       | V            | 262.0         | 29.8                   | -2.8                | 27.0        | 54             |
| 4000.000000     | 44.1             | 200.0       | H            | 196.0         | 45.2                   | -1.1                | 9.9         | 54             |
| 4426.250000     | 39.2             | 200.0       | V            | 212.0         | 39.0                   | 0.2                 | 14.8        | 54             |
| 6995.000000     | 35.5             | 100.0       | V            | 125.0         | 29.0                   | 6.5                 | 18.5        | 54             |
| 9122.500000     | 36.6             | 100.0       | H            | 258.0         | 26.5                   | 10.1                | 17.4        | 54             |
| 9167.500000     | 36.6             | 200.0       | V            | 174.0         | 26.4                   | 10.2                | 17.4        | 54             |

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

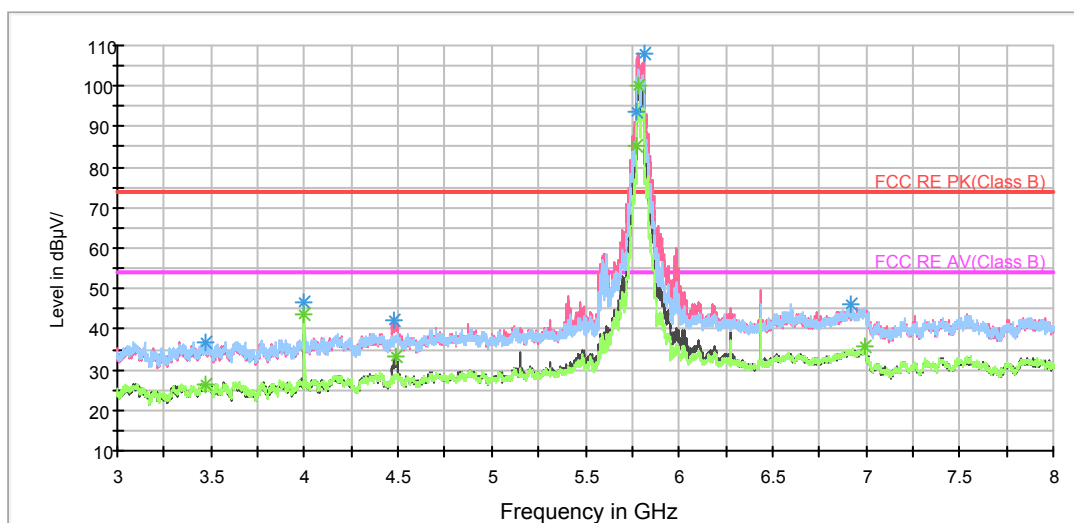
## 802.11n (HT40) CH159

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV

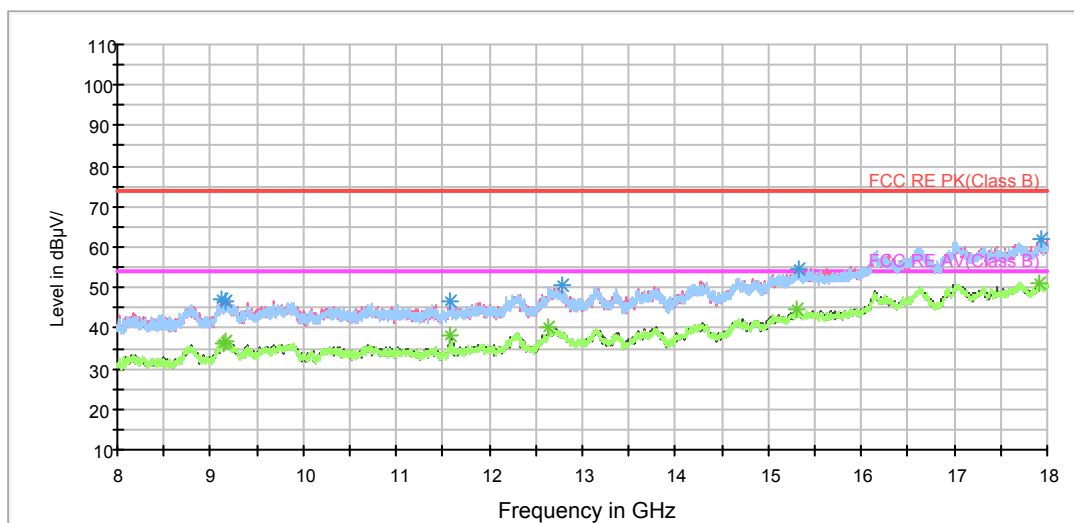


Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 2397.750000     | 59.7          | 200.0       | V            | 174.0         | 61.0                   | -1.3                | 14.3        | 74             |
| 2972.750000     | 47.8          | 200.0       | H            | 187.0         | 45.6                   | 2.2                 | 26.2        | 74             |
| 3471.875000     | 36.9          | 100.0       | H            | 15.0          | 39.0                   | -2.1                | 37.1        | 74             |
| 3999.375000     | 46.5          | 200.0       | H            | 197.0         | 47.6                   | -1.1                | 27.5        | 74             |
| 4478.750000     | 42.1          | 200.0       | V            | 206.0         | 41.6                   | 0.5                 | 31.9        | 74             |
| 6913.750000     | 46.1          | 100.0       | V            | 346.0         | 39.9                   | 6.2                 | 27.9        | 74             |

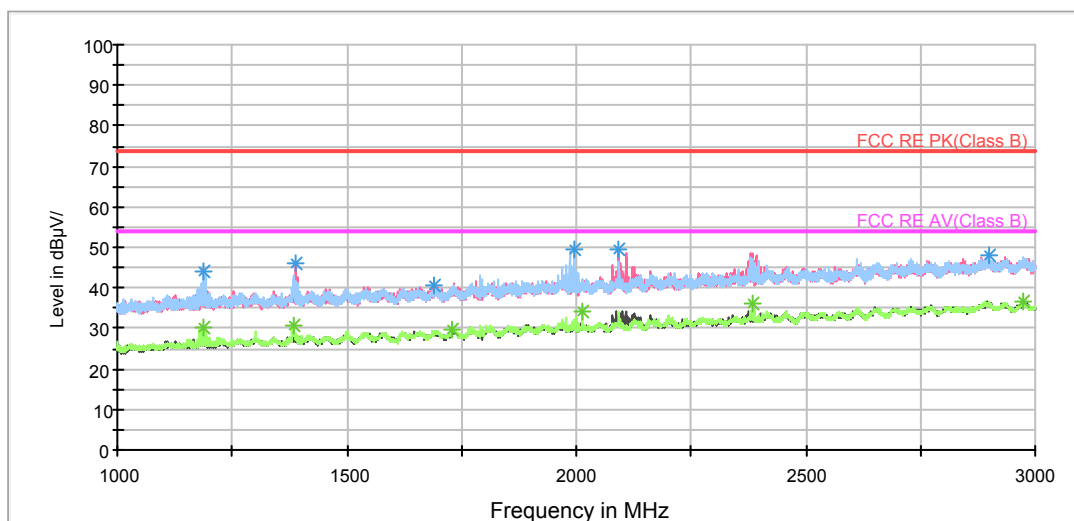
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 2397.750000     | 41.0             | 200.0       | V            | 174.0         | 42.3                   | -1.3                | 13.0        | 54             |
| 2933.500000     | 36.5             | 200.0       | H            | 0.0           | 34.7                   | 1.8                 | 17.5        | 54             |
| 3471.875000     | 26.5             | 200.0       | H            | 169.0         | 28.6                   | -2.1                | 27.5        | 54             |
| 4000.000000     | 43.9             | 200.0       | H            | 197.0         | 45.0                   | -1.1                | 10.1        | 54             |
| 4490.000000     | 33.2             | 200.0       | V            | 186.0         | 32.7                   | 0.5                 | 20.8        | 54             |
| 6997.500000     | 35.6             | 100.0       | H            | 15.0          | 29.1                   | 6.5                 | 18.4        | 54             |

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

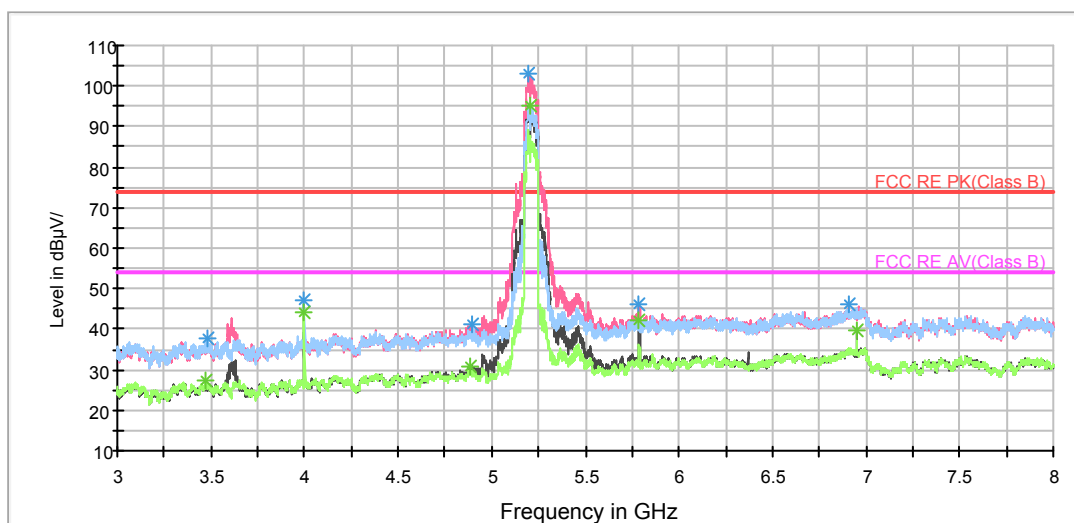
## 802.11ac (HT80) CH42

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

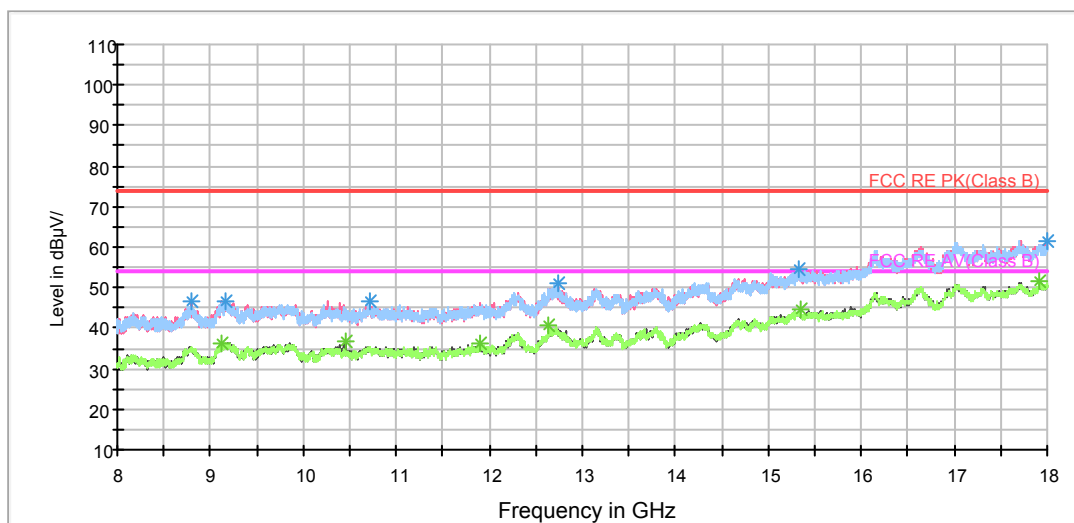
RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz

RE 3-18GHz PK+AV



Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3486.250000     | 37.5          | 100.0       | H            | 72.0          | 39.5                   | -2.0                | 36.5        | 74             |
| 4000.000000     | 46.9          | 200.0       | H            | 206.0         | 48.0                   | -1.1                | 27.1        | 74             |
| 4898.750000     | 41.3          | 100.0       | V            | 256.0         | 39.4                   | 1.9                 | 32.7        | 74             |
| 5788.750000     | 46.2          | 200.0       | V            | 0.0           | 42.1                   | 4.1                 | 27.8        | 74             |
| 6905.625000     | 46.1          | 100.0       | V            | 158.0         | 39.8                   | 6.3                 | 27.9        | 74             |
| 8796.250000     | 46.7          | 100.0       | V            | 340.0         | 38.5                   | 8.2                 | 27.3        | 74             |

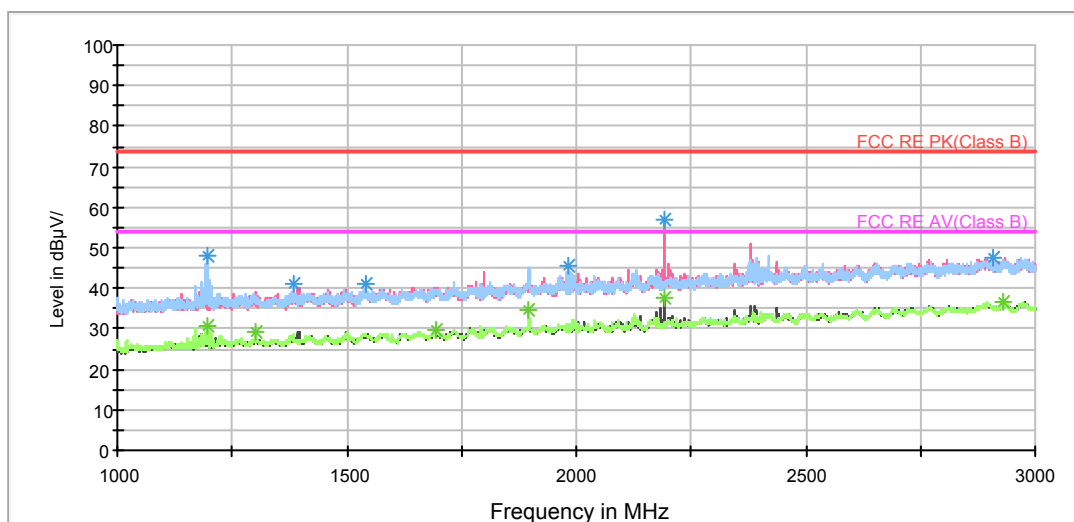
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3473.125000     | 27.2             | 200.0       | H            | 186.0         | 29.3                   | -2.1                | 26.8        | 54             |
| 4000.000000     | 44.2             | 200.0       | H            | 206.0         | 45.3                   | -1.1                | 9.8         | 54             |
| 4888.125000     | 31.0             | 200.0       | V            | 189.0         | 29.1                   | 1.9                 | 23.0        | 54             |
| 5788.750000     | 42.2             | 200.0       | V            | 0.0           | 38.1                   | 4.1                 | 11.8        | 54             |
| 6946.875000     | 39.9             | 200.0       | V            | 118.0         | 33.7                   | 6.2                 | 14.1        | 54             |
| 9121.250000     | 36.2             | 100.0       | H            | 101.0         | 26.1                   | 10.1                | 17.8        | 54             |

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

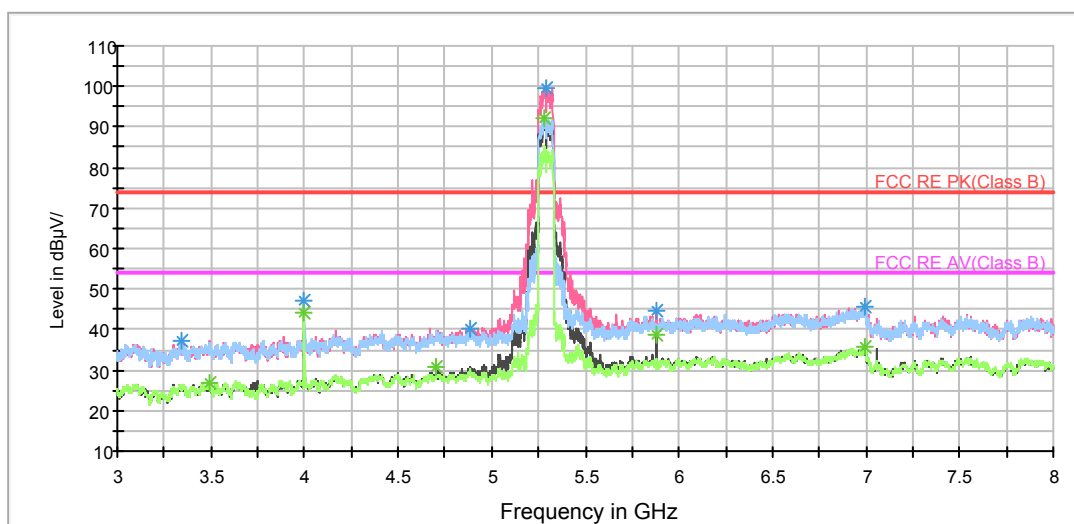
802.11ac (HT80) CH58

RE 1G-3GHz PK+AV



Radiates Emission from 1GHz to 3GHz

RE 3-18GHz PK+AV

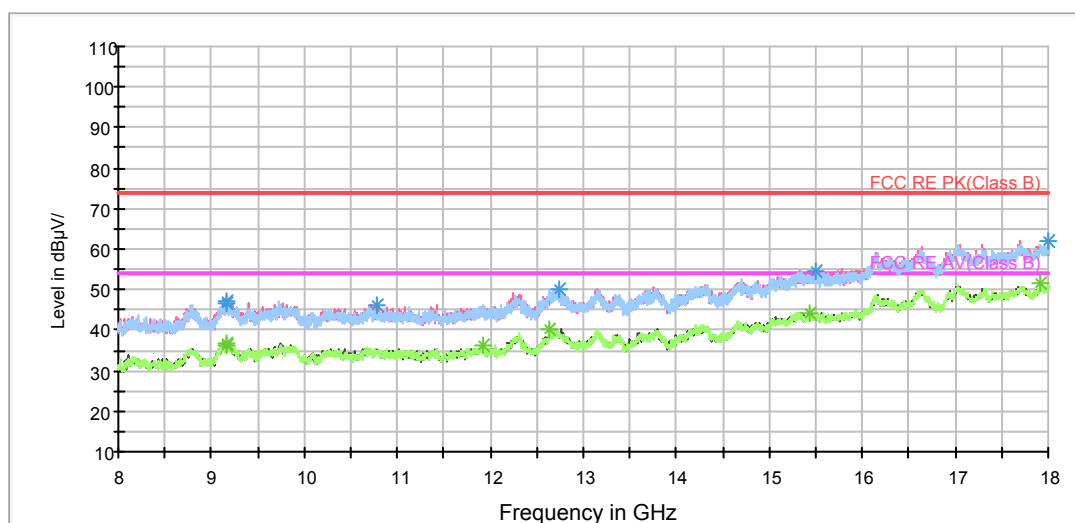


Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3340.625000     | 37.1          | 100.0       | H            | 305.0         | 39.5                   | -2.4                | 36.9        | 74             |
| 4000.000000     | 47.2          | 200.0       | H            | 203.0         | 48.3                   | -1.1                | 26.8        | 74             |
| 4883.125000     | 40.4          | 200.0       | V            | 208.0         | 38.5                   | 1.9                 | 33.6        | 74             |
| 5878.125000     | 44.7          | 200.0       | V            | 208.0         | 39.8                   | 4.9                 | 29.3        | 74             |
| 6993.125000     | 45.4          | 200.0       | H            | 203.0         | 38.9                   | 6.5                 | 28.6        | 74             |
| 9157.500000     | 46.6          | 200.0       | V            | 47.0          | 36.3                   | 10.3                | 27.4        | 74             |

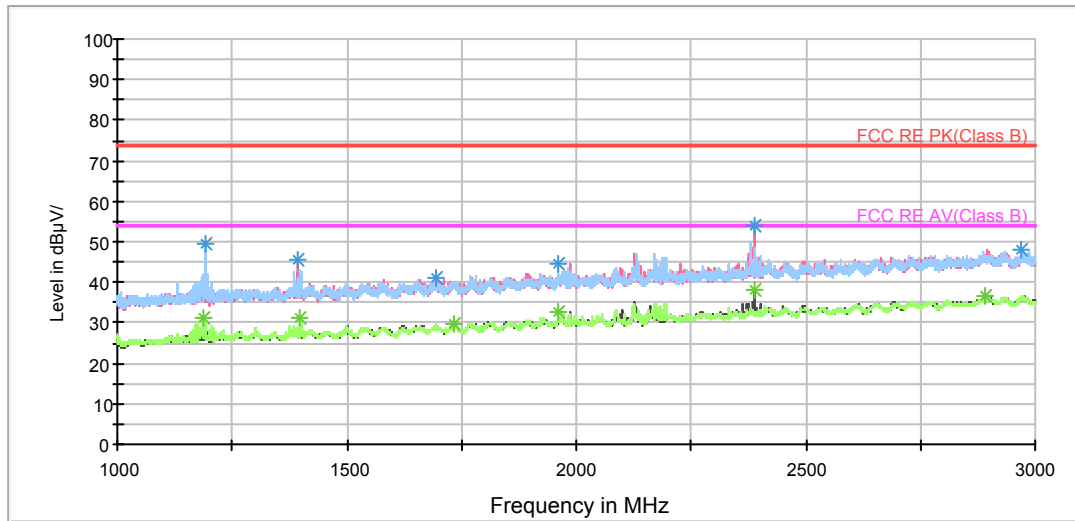
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3492.500000     | 26.7             | 200.0       | H            | 351.0         | 28.8                   | -2.1                | 27.3        | 54             |
| 4000.000000     | 44.3             | 200.0       | H            | 203.0         | 45.4                   | -1.1                | 9.7         | 54             |
| 4701.875000     | 30.7             | 200.0       | V            | 149.0         | 29.9                   | 0.8                 | 23.3        | 54             |
| 5877.500000     | 38.9             | 200.0       | V            | 208.0         | 34.0                   | 4.9                 | 15.1        | 54             |
| 6998.125000     | 35.5             | 100.0       | V            | 276.0         | 29.0                   | 6.5                 | 18.5        | 54             |
| 9157.500000     | 36.4             | 100.0       | H            | 25.0          | 28.8                   | -2.1                | 27.3        | 54             |

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

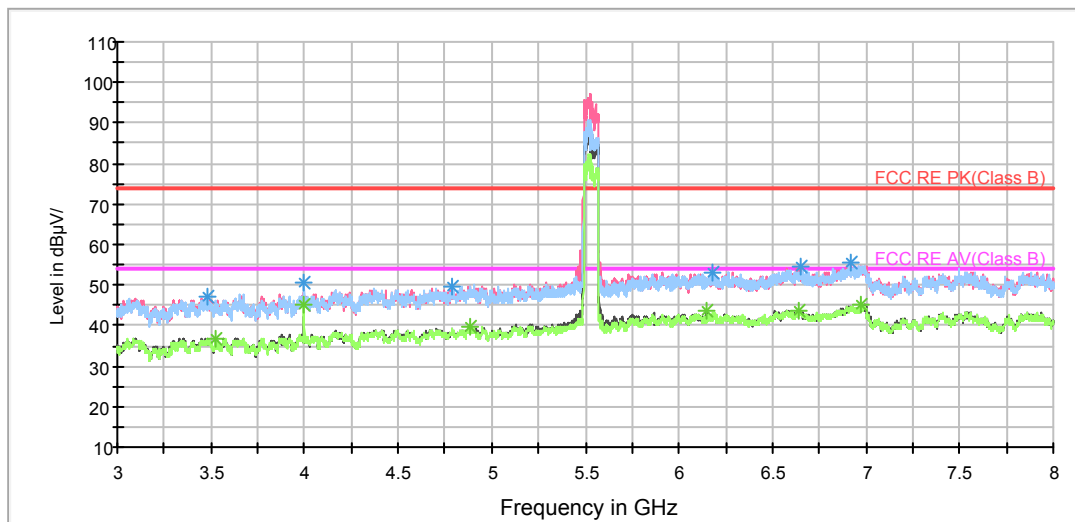
# 802.11ac (HT80) CH106

## RE 1G-3GHz PK+AV



## Radiates Emission from 1GHz to 3GHz

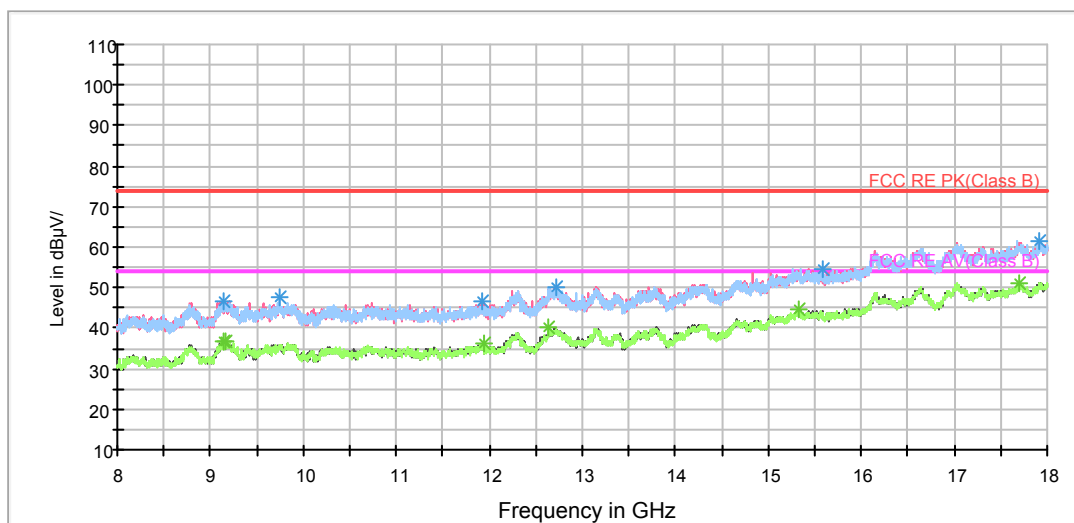
## RE 3-18GHz PK+AV



Note: The signal beyond the limit is carrier.

## Radiates Emission from 3GHz to 8GHz

## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3483.125000     | 46.9          | 200.0       | V            | 135.0         | 38.9                   | 8.0                 | 27.1        | 74             |
| 4000.000000     | 50.4          | 200.0       | H            | 201.0         | 41.5                   | 8.9                 | 23.6        | 74             |
| 4791.875000     | 49.7          | 200.0       | H            | 84.0          | 38.5                   | 11.2                | 24.3        | 74             |
| 6180.625000     | 53.0          | 200.0       | H            | 152.0         | 37.6                   | 15.4                | 21.0        | 74             |
| 6653.125000     | 54.4          | 200.0       | V            | 175.0         | 38.9                   | 15.5                | 19.6        | 74             |
| 6919.375000     | 55.8          | 200.0       | V            | 0.0           | 39.6                   | 16.2                | 18.2        | 74             |

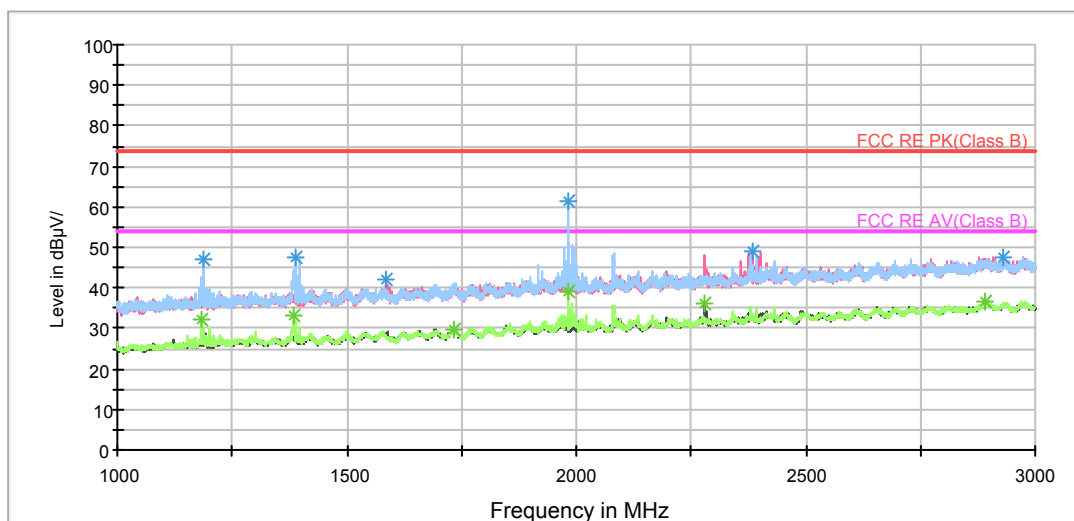
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3523.750000     | 36.8             | 200.0       | V            | 341.0         | 28.8                   | 8.0                 | 17.2        | 54             |
| 4000.000000     | 45.2             | 200.0       | H            | 201.0         | 36.3                   | 8.9                 | 8.8         | 54             |
| 4882.500000     | 39.6             | 200.0       | V            | 283.0         | 27.7                   | 11.9                | 14.4        | 54             |
| 6145.000000     | 43.5             | 200.0       | V            | 215.0         | 28.1                   | 15.4                | 10.5        | 54             |
| 6638.125000     | 43.7             | 200.0       | H            | 172.0         | 28.2                   | 15.5                | 10.3        | 54             |
| 6971.875000     | 45.3             | 200.0       | H            | 113.0         | 29.0                   | 16.3                | 8.7         | 54             |

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

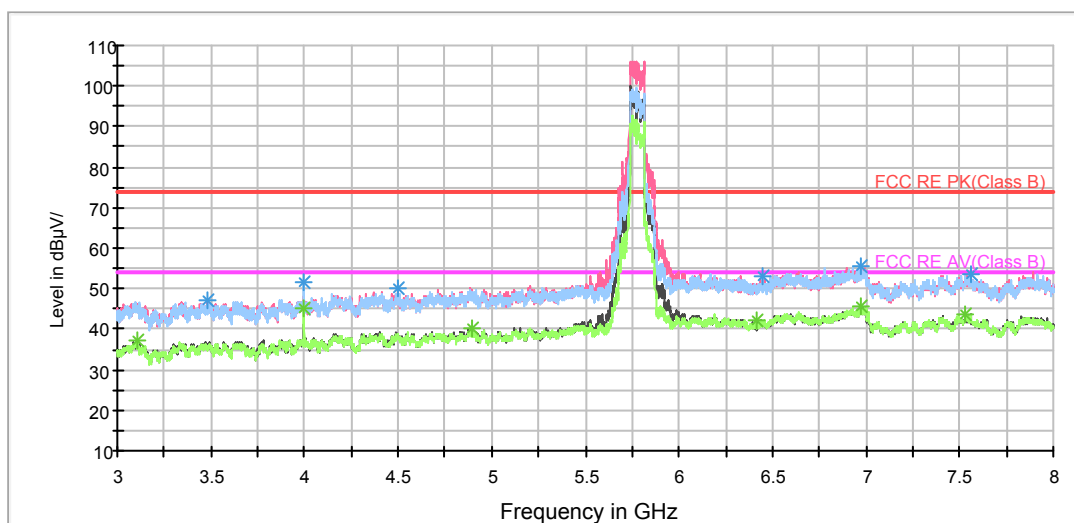
## 802.11ac (HT80) CH155

### RE 1G-3GHz PK+AV



### Radiates Emission from 1GHz to 3GHz

### RE 3-18GHz PK+AV

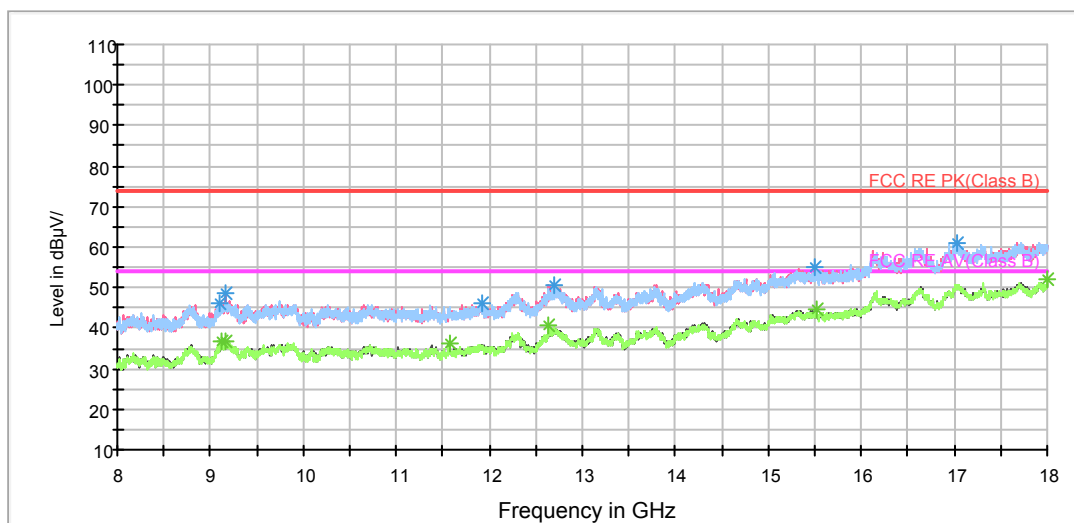


Note: The signal beyond the limit is carrier.

### Radiates Emission from 3GHz to 8GHz



## RE 3-18GHz PK+AV



## Radiates Emission from 8GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3486.250000     | 47.2          | 200.0       | V            | 239.0         | 39.2                   | 8.0                 | 26.8        | 74             |
| 3999.375000     | 51.4          | 200.0       | H            | 200.0         | 42.5                   | 8.9                 | 22.6        | 74             |
| 4495.000000     | 50.3          | 200.0       | V            | 306.0         | 39.8                   | 10.5                | 23.7        | 74             |
| 6443.750000     | 52.9          | 200.0       | H            | 102.0         | 37.9                   | 15.0                | 21.1        | 74             |
| 6977.500000     | 55.6          | 200.0       | H            | 220.0         | 39.3                   | 16.3                | 18.4        | 74             |
| 7559.375000     | 53.6          | 200.0       | H            | 270.0         | 36.6                   | 17.0                | 20.4        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3106.250000     | 37.1             | 200.0       | H            | 0.0           | 29.8                   | 7.3                 | 16.9        | 54             |
| 4000.000000     | 45.3             | 200.0       | H            | 200.0         | 36.4                   | 8.9                 | 8.7         | 54             |
| 4892.500000     | 40.0             | 200.0       | H            | 54.0          | 28.1                   | 11.9                | 14.0        | 54             |
| 6416.875000     | 42.3             | 200.0       | V            | 278.0         | 27.4                   | 14.9                | 11.7        | 54             |
| 6972.500000     | 45.8             | 200.0       | V            | 316.0         | 29.5                   | 16.3                | 8.2         | 54             |
| 7529.375000     | 43.7             | 200.0       | V            | 0.0           | 26.6                   | 17.1                | 10.3        | 54             |

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

## 5.6. Conducted Emission

### Ambient condition

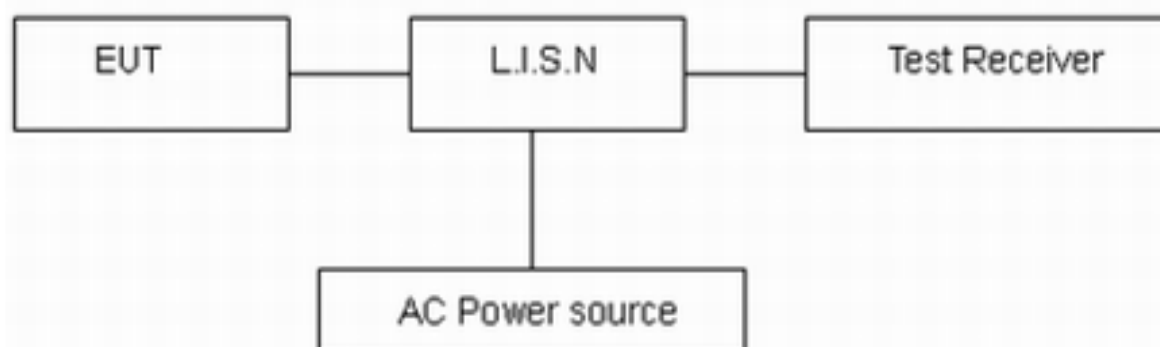
| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.5kPa |

### 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 C63.10-2013. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

### Test Setup



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

### Limits

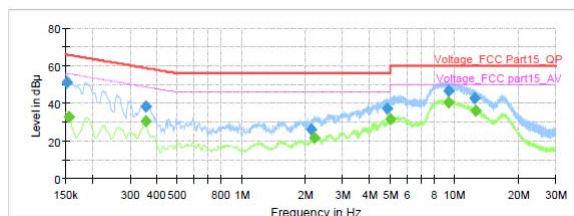
| Frequency<br>(MHz)                                | Conducted Limits(dBμV) |            |
|---------------------------------------------------|------------------------|------------|
|                                                   | Quasi-peak             | Average    |
| 0.15 - 0.5                                        | 66 to 56 *             | 56 to 46 * |
| 0.5 - 5                                           | 56                     | 46         |
| 5 - 30                                            | 60                     | 50         |
| *: Decreases with the logarithm of the frequency. |                        |            |

### Measurement Uncertainty

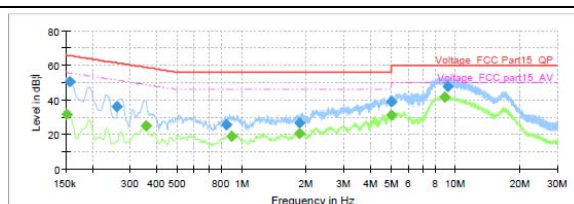
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ ,  $U = 2.69$  dB.

**Test Results:**

Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11a (HT40), Channel 110 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

**L Line**

| Frequency (MHz) | QuasiPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|--------------------|------------------|----------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.152250        | 51.14              | ---              | 65.88          | 14.74       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 0.154500        | ---                | 32.60            | 55.75          | 23.15       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 0.354750        | ---                | 30.63            | 48.85          | 18.22       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 0.354750        | 38.11              | ---              | 58.85          | 20.74       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 2.143500        | 26.38              | ---              | 56.00          | 29.62       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 2.195250        | ---                | 21.81            | 46.00          | 24.19       | 1000.0          | 9.000           | L1   | ON     | 19.6       |
| 4.825500        | 37.28              | ---              | 56.00          | 18.72       | 1000.0          | 9.000           | L1   | ON     | 19.7       |
| 5.021250        | ---                | 31.75            | 50.00          | 18.25       | 1000.0          | 9.000           | L1   | ON     | 19.7       |
| 9.390750        | ---                | 40.73            | 50.00          | 9.27        | 1000.0          | 9.000           | L1   | ON     | 19.9       |
| 9.393000        | 46.82              | ---              | 60.00          | 13.18       | 1000.0          | 9.000           | L1   | ON     | 19.9       |
| 12.513750       | 42.71              | ---              | 60.00          | 17.29       | 1000.0          | 9.000           | L1   | ON     | 19.9       |
| 12.565500       | ---                | 36.16            | 50.00          | 13.84       | 1000.0          | 9.000           | L1   | ON     | 19.9       |

**N Line**

| Frequency (MHz) | QuasiPeak (dB μ V) | Average (dB μ V) | Limit (dB μ V) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|--------------------|------------------|----------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.152250        | ---                | 31.86            | 55.88          | 24.01       | 1000.0          | 9.000           | N    | ON     | 19.7       |
| 0.156750        | 50.75              | ---              | 65.63          | 14.88       | 1000.0          | 9.000           | N    | ON     | 19.7       |
| 0.260250        | 36.09              | ---              | 51.42          | 15.34       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 0.357000        | ---                | 24.78            | 48.80          | 24.01       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 0.849750        | 25.43              | ---              | 56.00          | 30.57       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 0.894750        | ---                | 19.03            | 46.00          | 26.97       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 1.862250        | ---                | 20.83            | 46.00          | 25.17       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 1.864500        | 26.46              | ---              | 56.00          | 29.54       | 1000.0          | 9.000           | N    | ON     | 19.6       |
| 4.994250        | ---                | 30.92            | 46.00          | 15.08       | 1000.0          | 9.000           | N    | ON     | 19.7       |
| 4.998750        | 38.71              | ---              | 56.00          | 17.29       | 1000.0          | 9.000           | N    | ON     | 19.7       |
| 8.875500        | ---                | 41.69            | 50.00          | 8.31        | 1000.0          | 9.000           | N    | ON     | 19.9       |
| 9.231000        | 47.51              | ---              | 60.00          | 12.49       | 1000.0          | 9.000           | N    | ON     | 19.9       |



## 6. Main Test Instruments

| Name                                 | Manufacturer | Type              | Serial Number | Calibration Date | Expiration Date |
|--------------------------------------|--------------|-------------------|---------------|------------------|-----------------|
| Spectrum Analyzer                    | R&S          | FSV40             | 15195-01-00   | 2017-09-06       | 2018-09-05      |
| EMI Test Receiver                    | R&S          | ESCI              | 100948        | 2017-05-20       | 2018-05-19      |
| EMI Test Receiver                    | R&S          | ESCI              | 100948        | 2018-05-20       | 2019-05-19      |
| Loop Antenna                         | SCHWARZBECK  | FMZB1519          | 1519-047      | 2017-02-18       | 2020-02-17      |
| TRILOG Broadband Antenna             | Schwarzbeck  | VULB 9163         | 9163-201      | 2017-11-18       | 2020-11-17      |
| Double Ridged Waveguide Horn Antenna | R&S          | HF907             | 100126        | 2014-12-06       | 2019-12-05      |
| Standard Gain Horn                   | ETS-Lindgren | 3160-09           | 00102644      | 2015-01-30       | 2020-01-29      |
| Standard Gain Horn                   | STEATITE     | QSH-SL-26-40-K-15 | 16779         | 2016-03-21       | 2019-03-20      |
| Broadband Horn Antenna               | Schwarzbeck  | BBHA9170          | MRTSUE06024   | 2016-11-24       | 2019-11-23      |
| EMI Test Receiver                    | R&S          | ESR               | 101667        | 2017-09-06       | 2018-09-05      |
| LISN                                 | R&S          | ENV216            | 101171        | 2016-12-16       | 2019-12-15      |
| Spectrum Analyzer                    | Agilent      | N9010A            | MY47191109    | 2017-05-20       | 2018-05-19      |
| Spectrum Analyzer                    | Agilent      | N9010A            | MY47191109    | 2018-05-20       | 2019-05-19      |
| RF Cable                             | Agilent      | SMA 15cm          | 0001          | /                | /               |
| TEMPERATURE CHAMBER                  | ESPEC        | SU-242            | 93000506      | 2017-12-27       | 2018-12-26      |
| AV Power Meter                       | R&S          | NRP               | 102437        | 2017-12-17       | 2018-12-16      |
| Power Probe                          | R&S          | NRP-Z21           | 104799        | 2017-05-20       | 2018-05-19      |
| Power Probe                          | R&S          | NRP-Z21           | 104799        | 2018-05-20       | 2019-05-19      |

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

## ANNEX A: EUT Appearance and Test Setup

### A.1 EUT Appearance



Front Side



Back Side

a: EUT



Adapter 1



Adapter 2

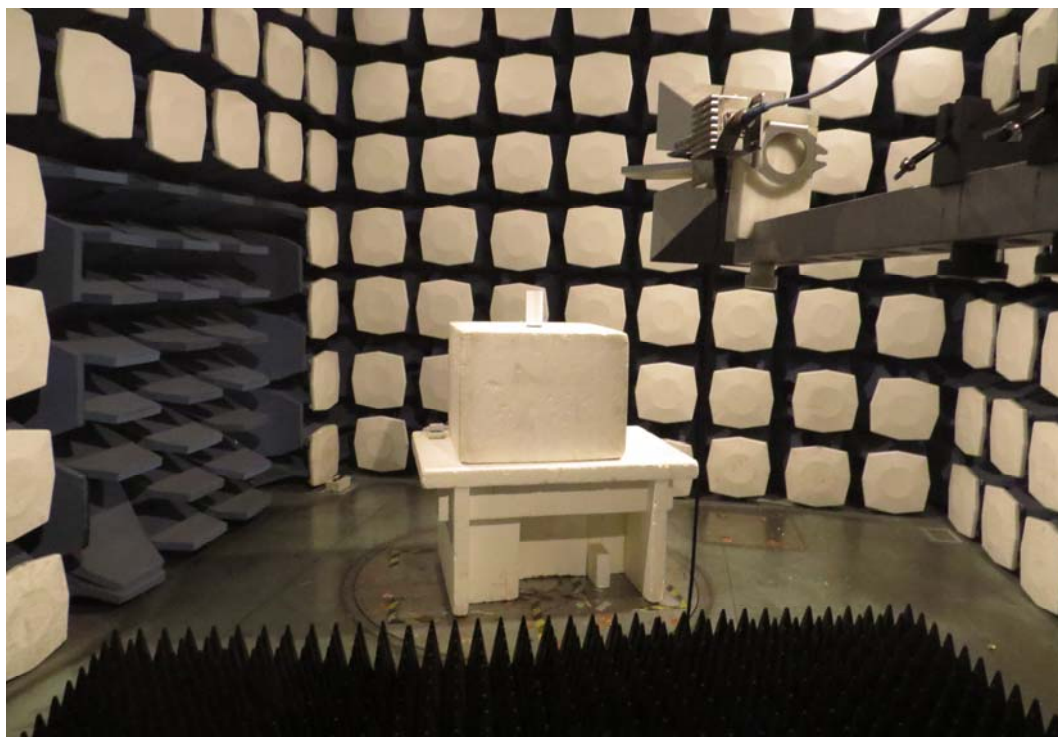
b: Adapter

Picture 1 EUT and Accessory

## A.2 Test Setup



30M Hz-1GHz



Above 1GHz

**Picture 2 Radiated Emission Test Setup**



**Picture 3 Conducted Emission Test Setup**