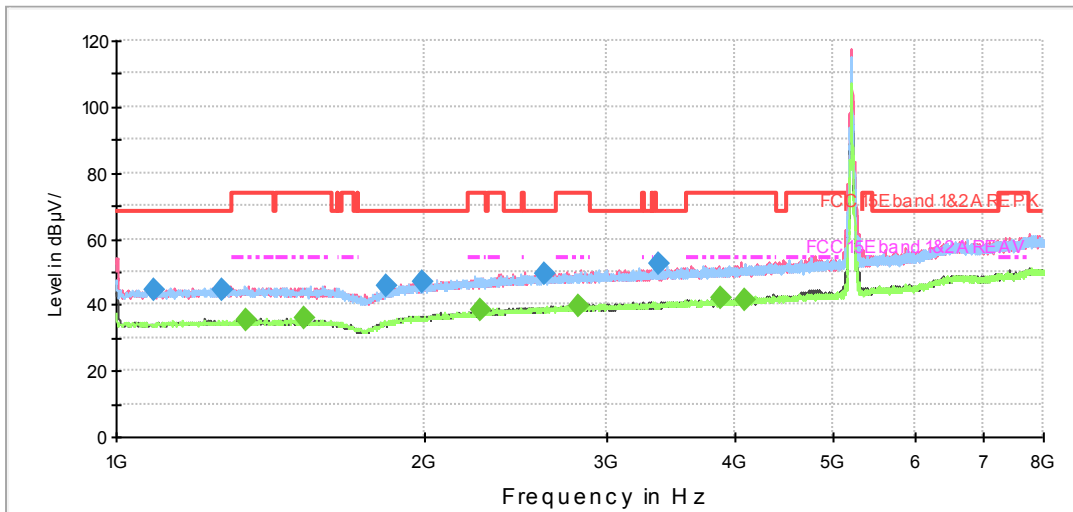
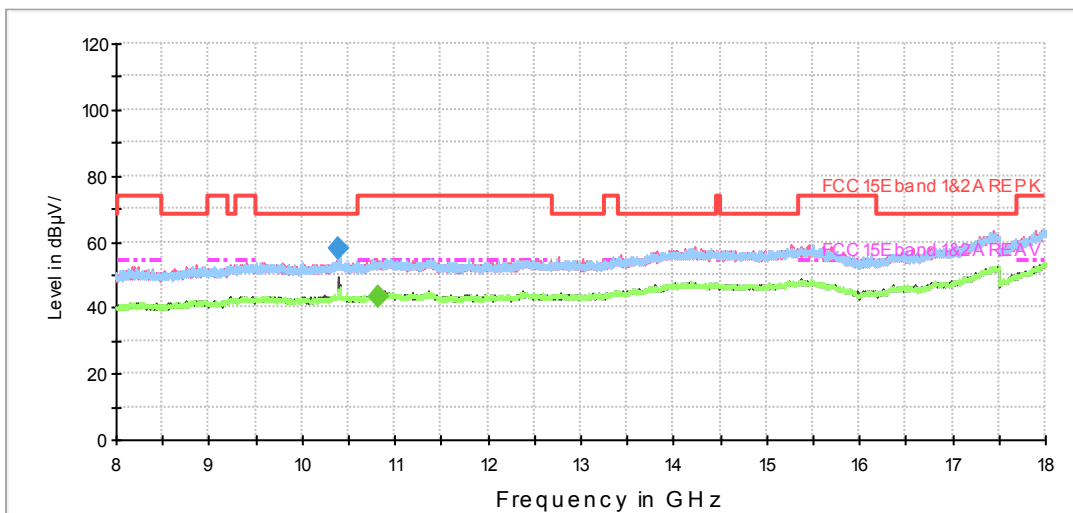


802.11a CH40



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1090.125000     | 44.3          | 200.0       | H            | 0.0           | -1.4                | 23.9        | 68.2           |
| 1270.375000     | 44.3          | 200.0       | V            | 355.0         | -1.1                | 23.9        | 68.2           |
| 1834.750000     | 45.5          | 200.0       | V            | 358.0         | 0.7                 | 22.7        | 68.2           |
| 1986.125000     | 47.0          | 200.0       | V            | 0.0           | 1.1                 | 21.2        | 68.2           |
| 2620.500000     | 49.5          | 200.0       | V            | 342.0         | 3.8                 | 18.7        | 68.2           |
| 3373.875000     | 52.1          | 200.0       | V            | 0.0           | 5.7                 | 16.1        | 68.2           |

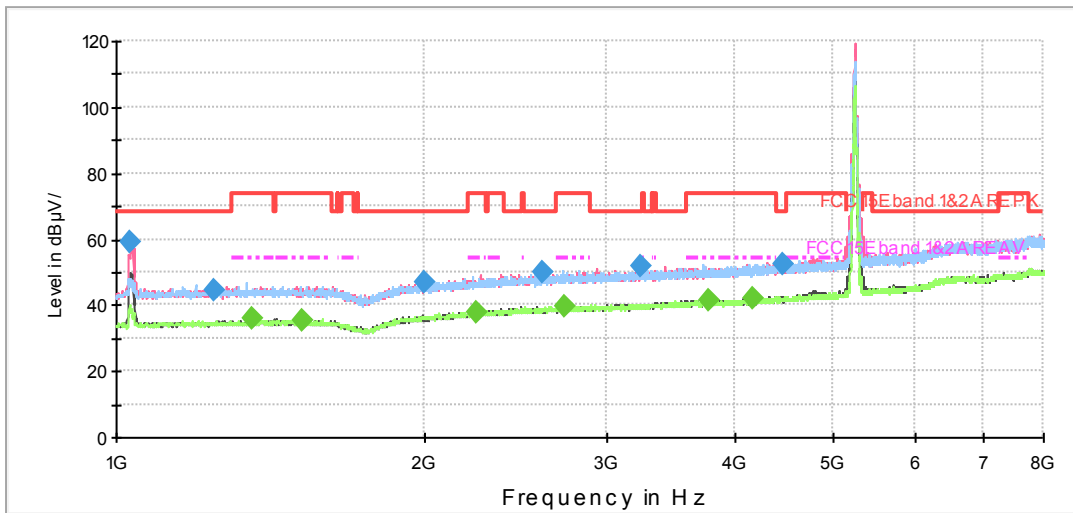
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1338.625000     | 35.2             | 200.0       | V            | 342.0         | -0.9                | 18.8        | 54.0           |
| 1525.875000     | 35.9             | 200.0       | H            | 72.0          | -0.3                | 18.1        | 54.0           |
| 2263.500000     | 38.1             | 200.0       | V            | 130.0         | 2.6                 | 15.9        | 54.0           |
| 2826.125000     | 39.8             | 200.0       | V            | 162.0         | 4.4                 | 14.2        | 54.0           |
| 3882.250000     | 41.8             | 200.0       | H            | 88.0          | 7.0                 | 12.2        | 54.0           |
| 4087.875000     | 41.6             | 200.0       | H            | 1.0           | 7.6                 | 12.4        | 54.0           |

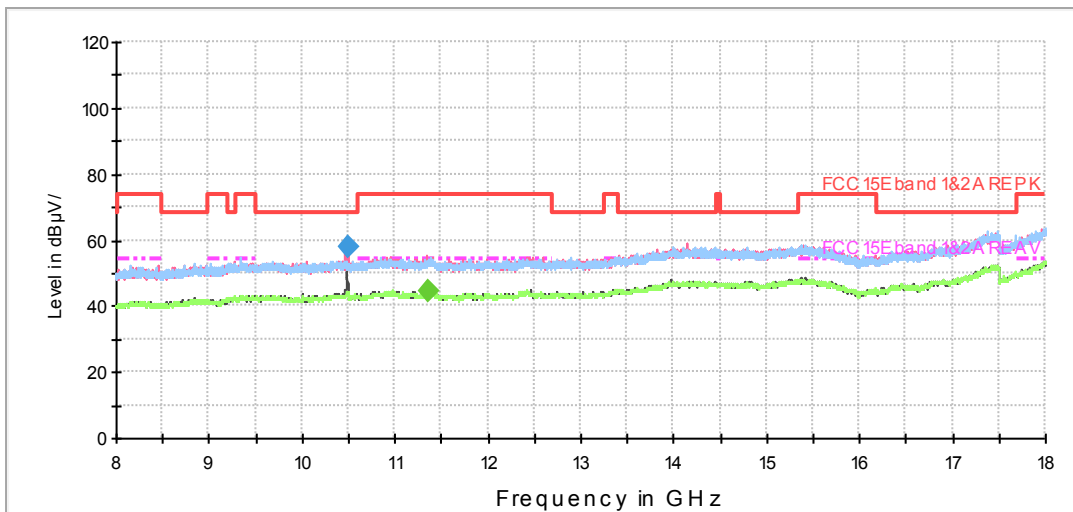
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11a CH48



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



Radiates Emission from 8GHz to 18GHz



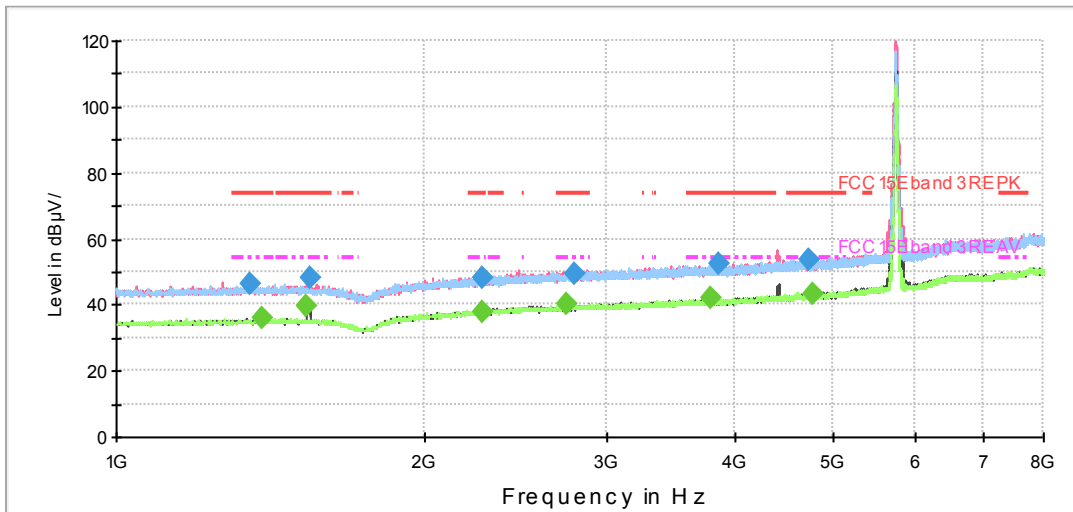
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1032.375000     | 58.8          | 200.0       | V            | 343.0         | -1.7                | 9.4         | 68.2           |
| 1246.750000     | 44.7          | 200.0       | V            | 0.0           | -1.1                | 23.5        | 68.2           |
| 1997.500000     | 46.9          | 200.0       | H            | 116.0         | 1.1                 | 21.3        | 68.2           |
| 2597.750000     | 50.2          | 200.0       | V            | 210.0         | 3.8                 | 18.0        | 68.2           |
| 3240.875000     | 51.8          | 200.0       | V            | 258.0         | 5.4                 | 16.4        | 68.2           |
| 4454.500000     | 52.3          | 200.0       | V            | 163.0         | 8.7                 | 15.9        | 68.2           |

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

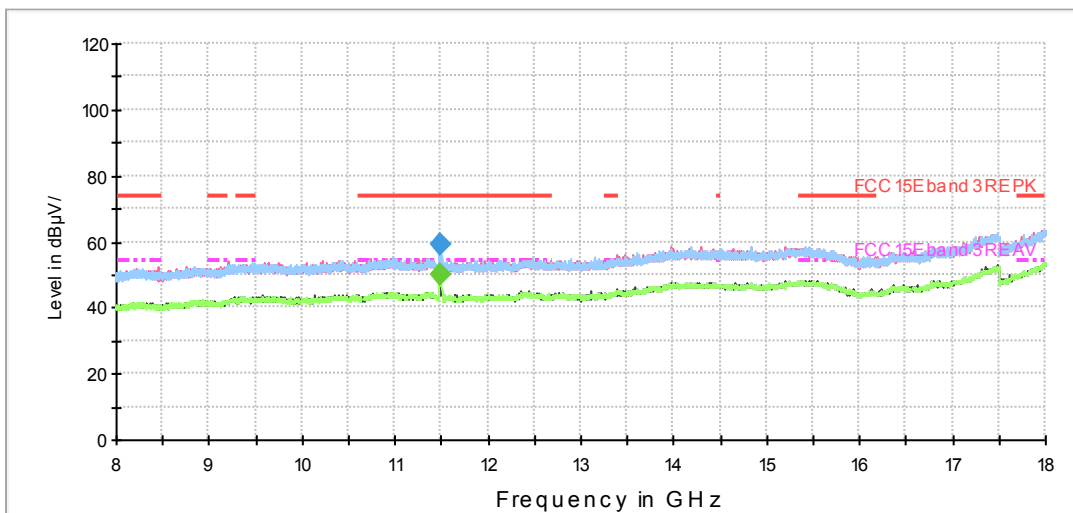
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1357.000000     | 35.7             | 200.0       | H            | 4.0           | -0.9                | 18.3        | 54.0           |
| 1521.500000     | 35.5             | 200.0       | H            | 163.0         | -0.3                | 18.5        | 54.0           |
| 2242.500000     | 37.6             | 200.0       | V            | 349.0         | 2.4                 | 16.4        | 54.0           |
| 2736.000000     | 39.8             | 200.0       | V            | 353.0         | 4.1                 | 14.2        | 54.0           |
| 3782.500000     | 41.6             | 200.0       | V            | 357.0         | 6.8                 | 12.4        | 54.0           |
| 1357.000000     | 35.7             | 200.0       | H            | 4.0           | -0.9                | 18.3        | 54.0           |

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

802.11a CH149



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



Radiates Emission from 8GHz to 18GHz



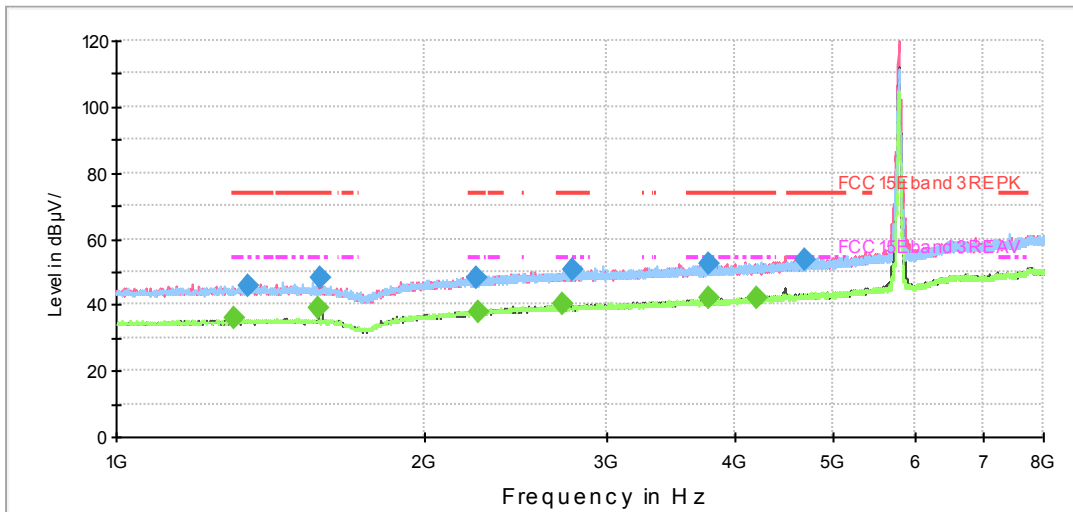
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1348.250000     | 46.4          | 200.0       | V            | 107.0         | -0.9                | 27.6        | 74.0           |
| 1545.125000     | 48.2          | 200.0       | V            | 24.0          | -0.2                | 25.8        | 74.0           |
| 2274.000000     | 48.1          | 100.0       | H            | 122.0         | 2.7                 | 25.9        | 74.0           |
| 2799.000000     | 49.6          | 200.0       | H            | 217.0         | 4.3                 | 24.4        | 74.0           |
| 3857.750000     | 52.1          | 200.0       | V            | 7.0           | 6.9                 | 21.9        | 74.0           |
| 4731.000000     | 53.9          | 100.0       | H            | 196.0         | 9.2                 | 20.1        | 74.0           |

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

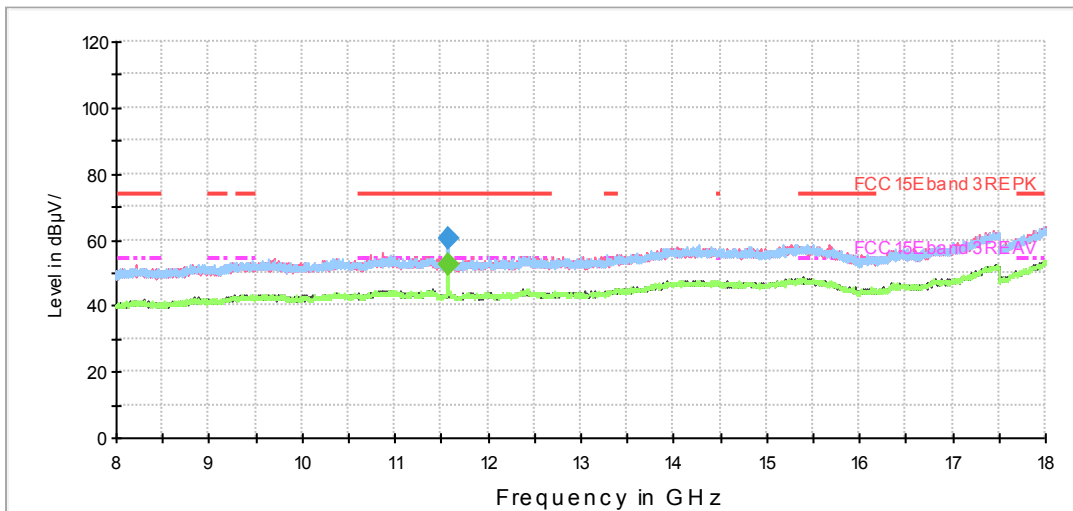
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1390.250000     | 36.0             | 100.0       | V            | 263.0         | -0.7                | 18.0        | 54.0           |
| 1533.750000     | 39.7             | 100.0       | V            | 342.0         | -0.3                | 14.3        | 54.0           |
| 2276.625000     | 38.0             | 100.0       | V            | 162.0         | 2.7                 | 16.0        | 54.0           |
| 2750.000000     | 39.9             | 200.0       | V            | 43.0          | 4.1                 | 14.1        | 54.0           |
| 3799.125000     | 41.9             | 100.0       | H            | 185.0         | 6.8                 | 12.1        | 54.0           |
| 4777.375000     | 43.4             | 200.0       | V            | 43.0          | 9.3                 | 10.6        | 54.0           |

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

802.11a CH157



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1346.500000     | 45.7          | 100.0       | V            | 263.0         | -0.9                | 28.3        | 74.0           |
| 1580.125000     | 48.3          | 200.0       | V            | 46.0          | -0.1                | 25.7        | 74.0           |
| 2247.750000     | 48.0          | 100.0       | H            | 0.0           | 2.4                 | 26.0        | 74.0           |
| 2779.750000     | 50.4          | 100.0       | H            | 37.0          | 4.2                 | 23.6        | 74.0           |
| 3784.250000     | 52.1          | 100.0       | H            | 0.0           | 6.8                 | 21.9        | 74.0           |
| 4694.250000     | 53.4          | 200.0       | V            | 185.0         | 9.2                 | 20.6        | 74.0           |

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

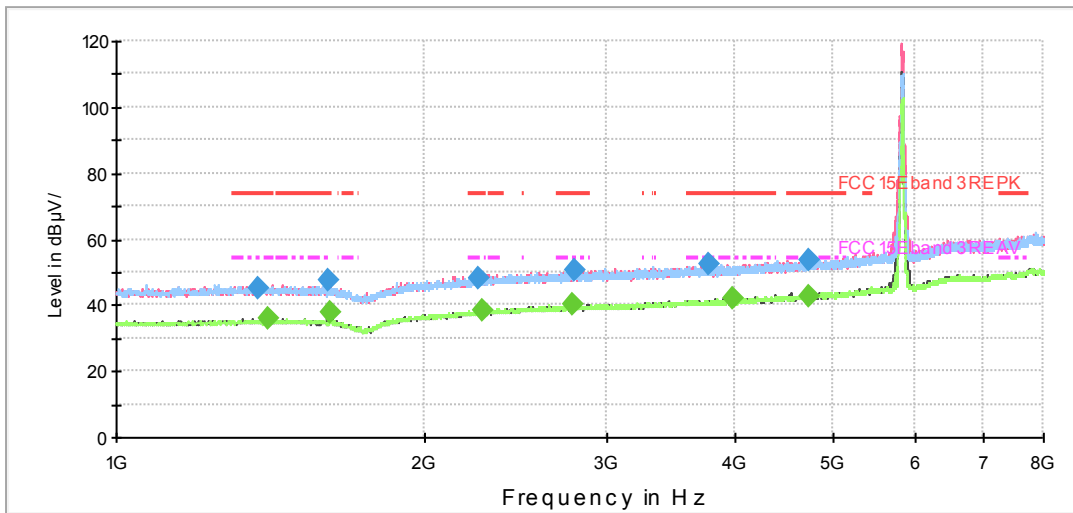
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1306.250000     | 35.7             | 200.0       | H            | 36.0          | -1.0                | 18.3        | 54.0           |
| 1576.625000     | 39.2             | 100.0       | V            | 359.0         | -0.1                | 14.8        | 54.0           |
| 2252.125000     | 38.0             | 200.0       | V            | 57.0          | 2.5                 | 16.0        | 54.0           |
| 2722.875000     | 40.0             | 200.0       | V            | 26.0          | 4.1                 | 14.0        | 54.0           |
| 3782.500000     | 41.9             | 200.0       | H            | 130.0         | 6.8                 | 12.1        | 54.0           |
| 4211.250000     | 42.2             | 100.0       | H            | 2.0           | 7.9                 | 11.8        | 54.0           |

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

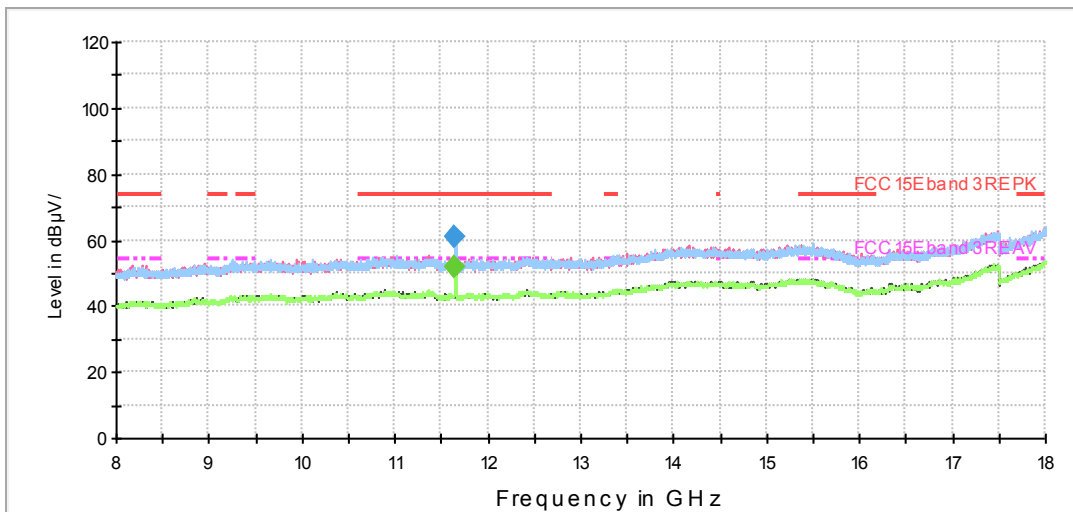




802.11a CH165



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



Radiates Emission from 8GHz to 18GHz



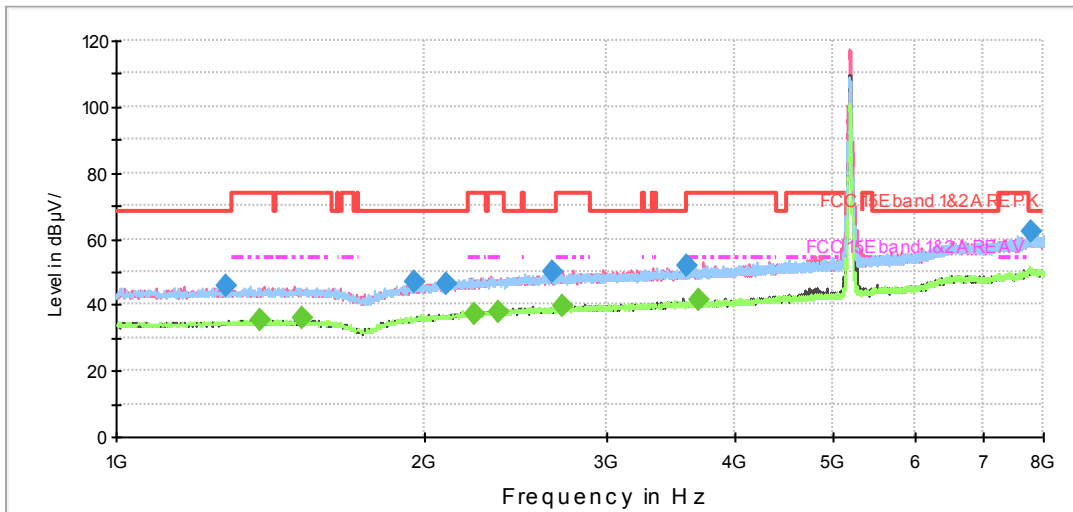
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1373.625000     | 45.2          | 200.0       | H            | 238.0         | -0.8                | 28.8        | 74.0           |
| 1612.500000     | 47.6          | 200.0       | V            | 35.0          | 0.0                 | 26.4        | 74.0           |
| 2257.375000     | 48.3          | 100.0       | H            | 163.0         | 2.5                 | 25.7        | 74.0           |
| 2794.625000     | 50.3          | 200.0       | V            | 142.0         | 4.3                 | 23.7        | 74.0           |
| 3775.500000     | 52.6          | 200.0       | H            | 97.0          | 6.8                 | 21.4        | 74.0           |
| 4719.625000     | 53.8          | 200.0       | H            | 346.0         | 9.2                 | 20.2        | 74.0           |

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

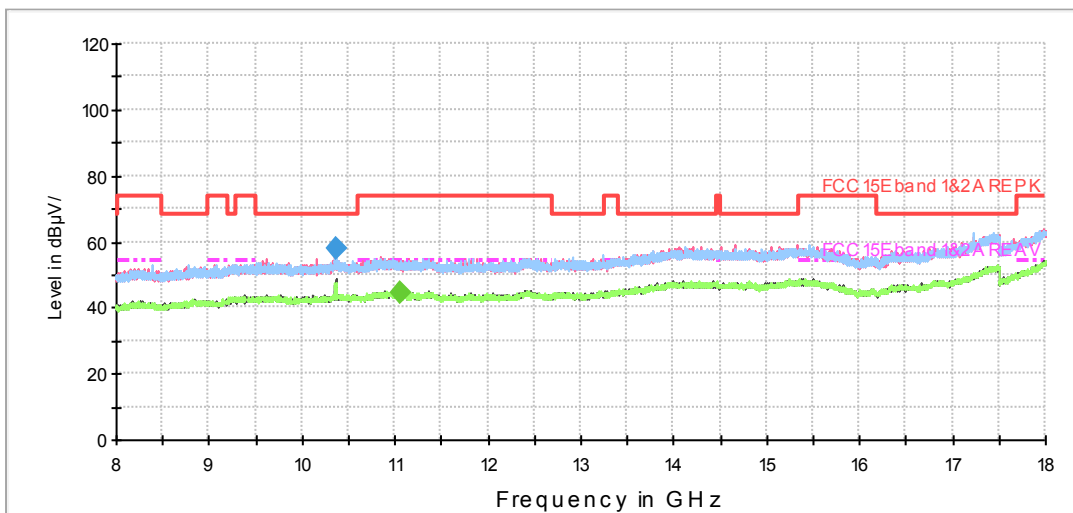
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1407.750000     | 35.7             | 100.0       | V            | 354.0         | -0.7                | 18.3        | 54.0           |
| 1619.500000     | 37.7             | 200.0       | V            | 35.0          | 0.1                 | 16.3        | 54.0           |
| 2274.875000     | 38.1             | 100.0       | H            | 45.0          | 2.7                 | 15.9        | 54.0           |
| 2788.500000     | 40.4             | 200.0       | V            | 131.0         | 4.3                 | 13.6        | 54.0           |
| 3991.625000     | 42.1             | 200.0       | H            | 259.0         | 7.2                 | 11.9        | 54.0           |
| 4730.125000     | 42.8             | 200.0       | V            | 5.0           | 9.2                 | 11.2        | 54.0           |

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

802.11n (HT20) CH36



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



Radiates Emission from 8GHz to 18GHz



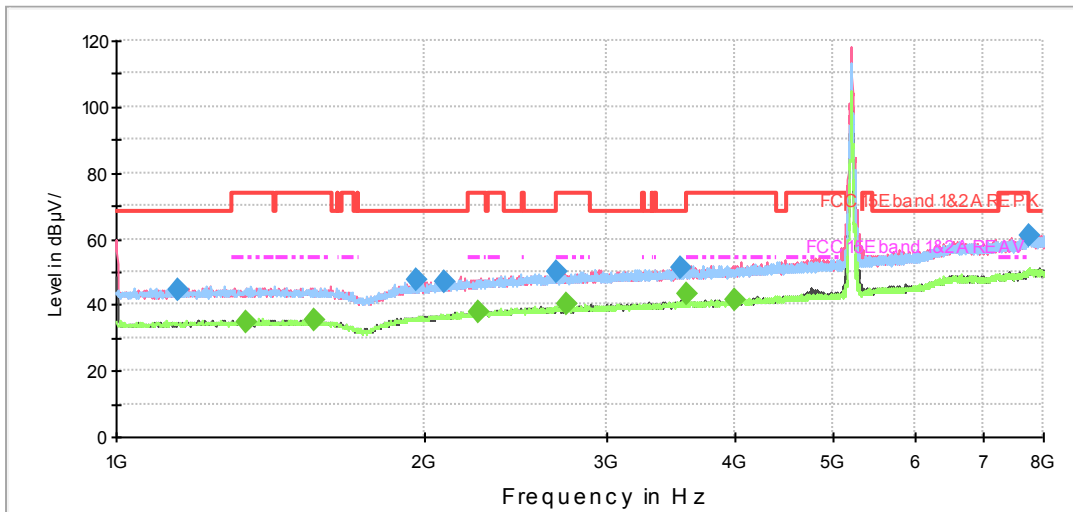
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1282.625000     | 45.8          | 200.0       | H            | 58.0          | -1.0                | 22.4        | 68.2           |
| 1952.875000     | 47.2          | 200.0       | H            | 72.0          | 1.0                 | 21.0        | 68.2           |
| 2102.500000     | 46.5          | 200.0       | V            | 354.0         | 1.7                 | 21.7        | 68.2           |
| 2662.500000     | 49.7          | 200.0       | V            | 338.0         | 3.9                 | 18.5        | 68.2           |
| 3590.000000     | 51.7          | 200.0       | V            | 350.0         | 6.3                 | 16.5        | 68.2           |
| 7795.250000     | 62.0          | 200.0       | H            | 118.0         | 17.3                | 6.2         | 68.2           |

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

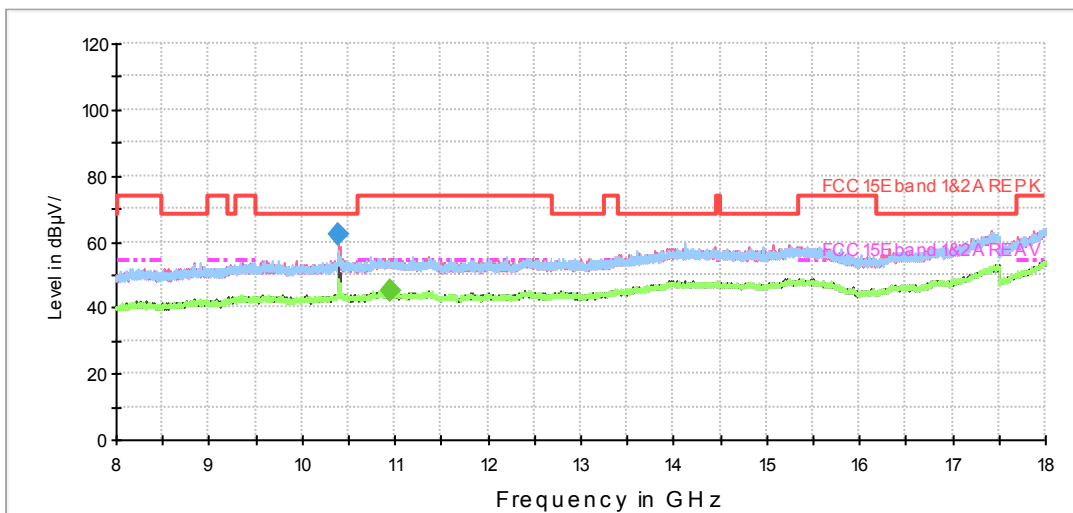
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1381.500000     | 35.6             | 200.0       | V            | 329.0         | -0.7                | 18.4        | 54.0           |
| 1520.625000     | 35.6             | 200.0       | V            | 356.0         | -0.3                | 18.4        | 54.0           |
| 2239.000000     | 37.3             | 200.0       | H            | 3.0           | 2.4                 | 16.7        | 54.0           |
| 2352.750000     | 37.9             | 200.0       | H            | 16.0          | 3.0                 | 16.1        | 54.0           |
| 2723.750000     | 39.6             | 200.0       | H            | 24.0          | 4.1                 | 14.4        | 54.0           |
| 3687.125000     | 41.1             | 200.0       | V            | 359.0         | 6.5                 | 12.9        | 54.0           |

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

802.11n (HT20) CH40



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



Radiates Emission from 8GHz to 18GHz



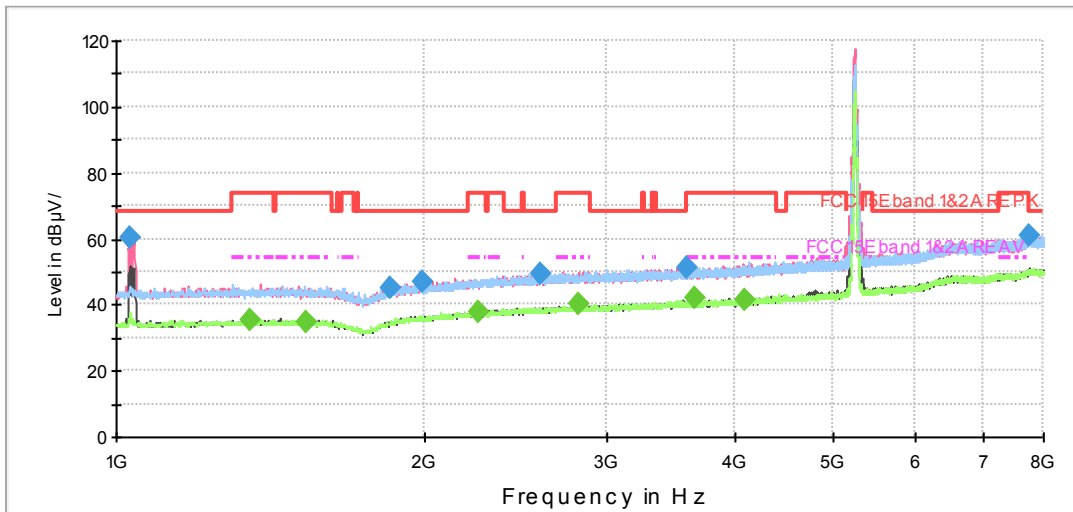
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1148.750000     | 44.4          | 200.0       | V            | 272.0         | -1.3                | 23.8        | 68.2           |
| 1964.250000     | 47.3          | 200.0       | V            | 349.0         | 1.0                 | 20.9        | 68.2           |
| 2090.250000     | 47.0          | 200.0       | V            | 272.0         | 1.6                 | 21.2        | 68.2           |
| 2682.625000     | 49.7          | 200.0       | V            | 177.0         | 4.0                 | 18.5        | 68.2           |
| 3549.750000     | 51.3          | 200.0       | H            | 10.0          | 6.3                 | 16.9        | 68.2           |
| 7760.250000     | 61.2          | 200.0       | V            | 0.0           | 17.2                | 7.0         | 68.2           |

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

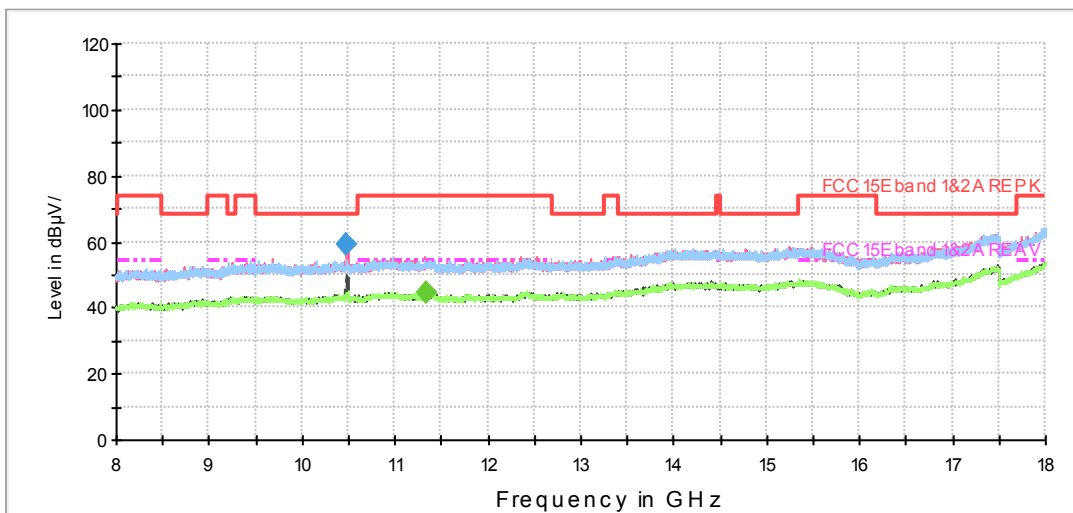
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1336.875000     | 34.9             | 200.0       | V            | 0.0           | -0.9                | 19.1        | 54.0           |
| 1556.500000     | 35.2             | 200.0       | H            | 262.0         | -0.2                | 18.8        | 54.0           |
| 2255.625000     | 37.6             | 200.0       | H            | 246.0         | 2.5                 | 16.4        | 54.0           |
| 2748.250000     | 40.0             | 200.0       | H            | 7.0           | 4.1                 | 14.0        | 54.0           |
| 3600.500000     | 43.2             | 200.0       | V            | 335.0         | 6.3                 | 10.8        | 54.0           |
| 4003.875000     | 41.3             | 200.0       | H            | 55.0          | 7.3                 | 12.7        | 54.0           |

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

802.11n (HT20) CH48



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1032.375000     | 60.2          | 200.0       | V            | 336.0         | -1.7                | 8.0         | 68.2           |
| 1846.125000     | 45.2          | 200.0       | H            | 197.0         | 0.7                 | 23.0        | 68.2           |
| 1984.375000     | 46.7          | 200.0       | V            | 0.0           | 1.1                 | 21.5        | 68.2           |
| 2585.500000     | 49.6          | 200.0       | H            | 1.0           | 3.8                 | 18.6        | 68.2           |
| 3594.375000     | 51.3          | 200.0       | V            | 303.0         | 6.3                 | 16.9        | 68.2           |
| 7754.125000     | 61.0          | 200.0       | V            | 356.0         | 17.2                | 7.2         | 68.2           |

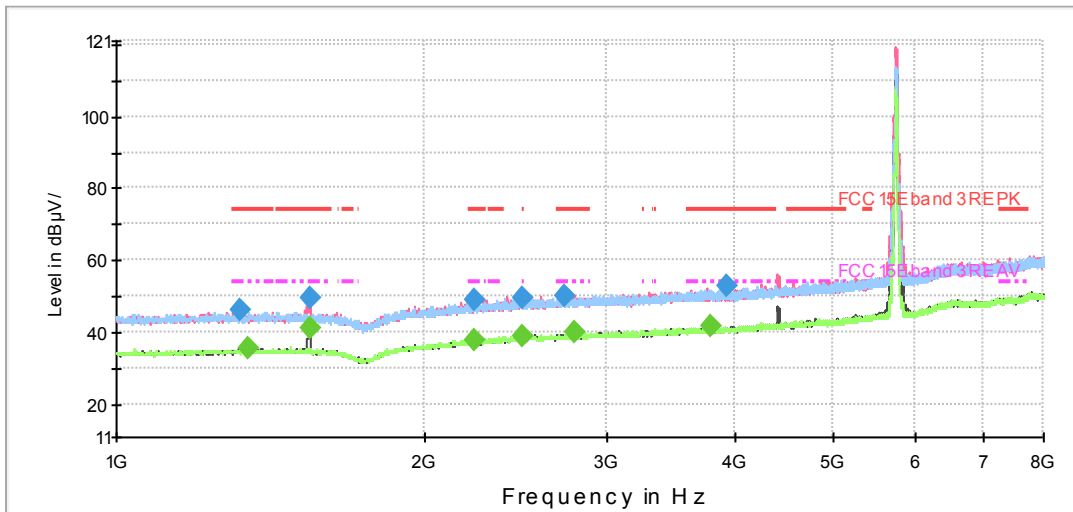
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1351.750000     | 35.1             | 200.0       | V            | 303.0         | -0.9                | 18.9        | 54.0           |
| 1530.250000     | 35.0             | 200.0       | V            | 327.0         | -0.3                | 19.0        | 54.0           |
| 2249.500000     | 37.6             | 200.0       | H            | 280.0         | 2.4                 | 16.4        | 54.0           |
| 2825.250000     | 40.0             | 200.0       | H            | 33.0          | 4.4                 | 14.0        | 54.0           |
| 3654.750000     | 42.0             | 200.0       | V            | 358.0         | 6.5                 | 12.0        | 54.0           |
| 4096.625000     | 41.7             | 200.0       | V            | 0.0           | 7.6                 | 12.3        | 54.0           |

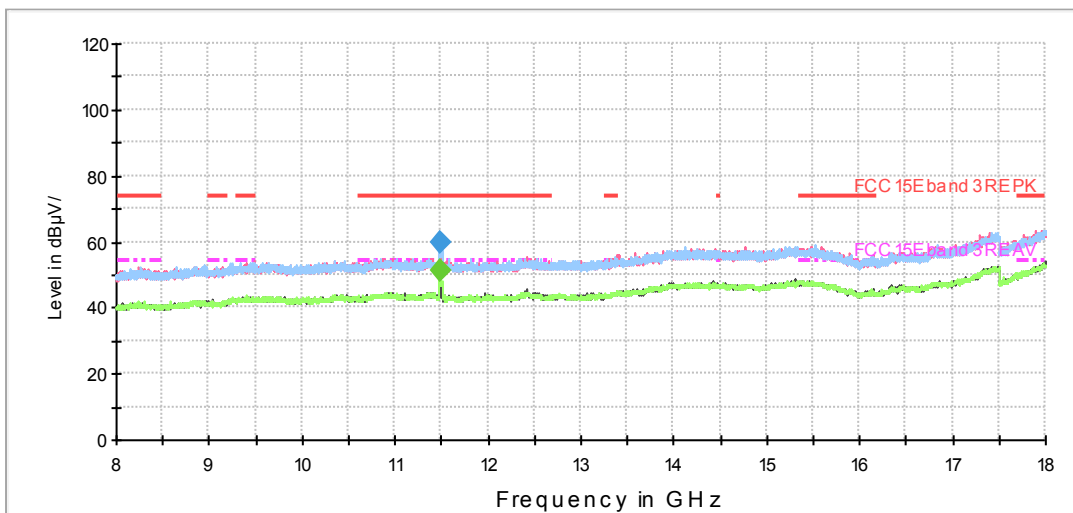
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH149



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



Radiates Emission from 8GHz to 18GHz



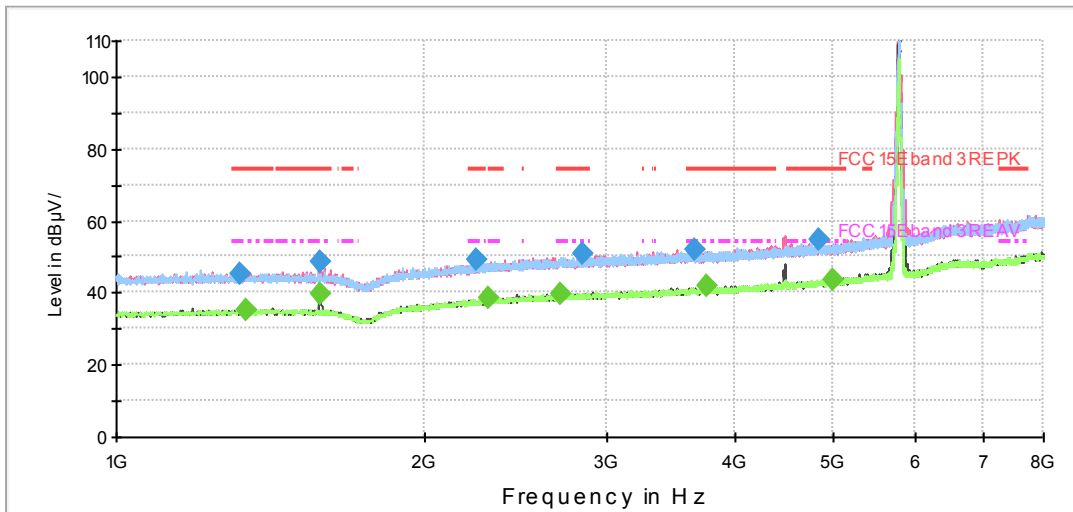
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1320.250000     | 46.4          | 100.0       | H            | 37.0          | -0.9                | 27.6        | 74.0           |
| 1546.875000     | 49.6          | 100.0       | V            | 0.0           | -0.2                | 24.4        | 74.0           |
| 2237.250000     | 48.7          | 100.0       | H            | 28.0          | 2.4                 | 25.3        | 74.0           |
| 2488.375000     | 49.3          | 200.0       | V            | 22.0          | 3.6                 | 24.7        | 74.0           |
| 2734.250000     | 50.3          | 200.0       | V            | 3.0           | 4.1                 | 23.7        | 74.0           |
| 3942.625000     | 52.9          | 100.0       | V            | 317.0         | 7.1                 | 21.1        | 74.0           |

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

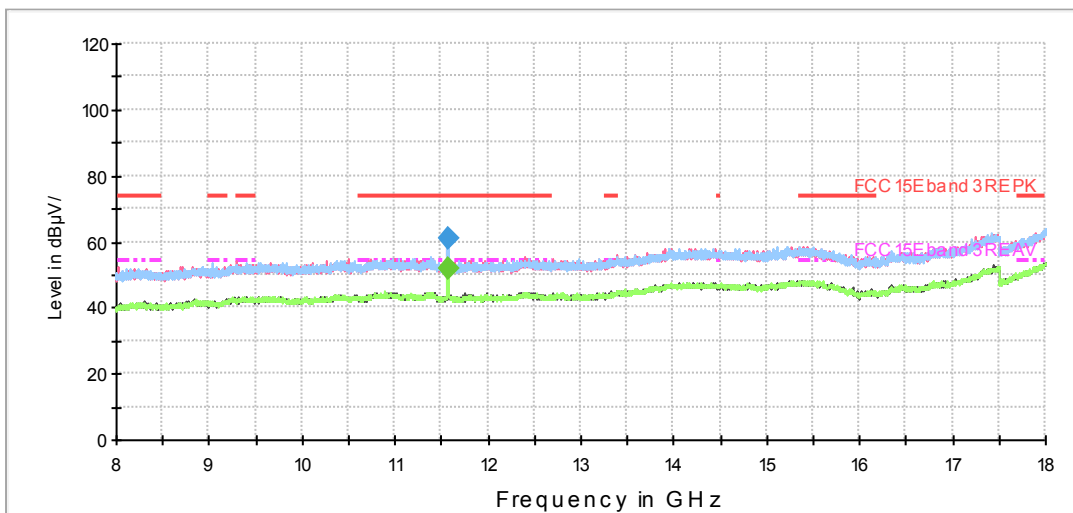
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1343.875000     | 35.7             | 200.0       | H            | 232.0         | -0.9                | 18.3        | 54.0           |
| 1542.500000     | 41.1             | 100.0       | V            | 0.0           | -0.3                | 12.9        | 54.0           |
| 2237.250000     | 37.6             | 200.0       | V            | 139.0         | 2.4                 | 16.4        | 54.0           |
| 2492.750000     | 38.9             | 100.0       | H            | 20.0          | 3.6                 | 15.1        | 54.0           |
| 2794.625000     | 40.0             | 200.0       | H            | 359.0         | 4.3                 | 14.0        | 54.0           |
| 3794.750000     | 42.0             | 200.0       | V            | 309.0         | 6.8                 | 12.0        | 54.0           |

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

802.11n (HT20) CH157



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1321.125000     | 45.3          | 100.0       | V            | 292.0         | -0.9                | 28.7        | 74.0           |
| 1578.375000     | 48.4          | 100.0       | V            | 0.0           | -0.1                | 25.6        | 74.0           |
| 2241.625000     | 49.2          | 100.0       | V            | 347.0         | 2.4                 | 24.8        | 74.0           |
| 2849.750000     | 50.9          | 200.0       | V            | 24.0          | 4.4                 | 23.1        | 74.0           |
| 3668.750000     | 51.7          | 100.0       | V            | 227.0         | 6.6                 | 22.3        | 74.0           |
| 4841.250000     | 54.7          | 200.0       | H            | 130.0         | 9.4                 | 19.3        | 74.0           |

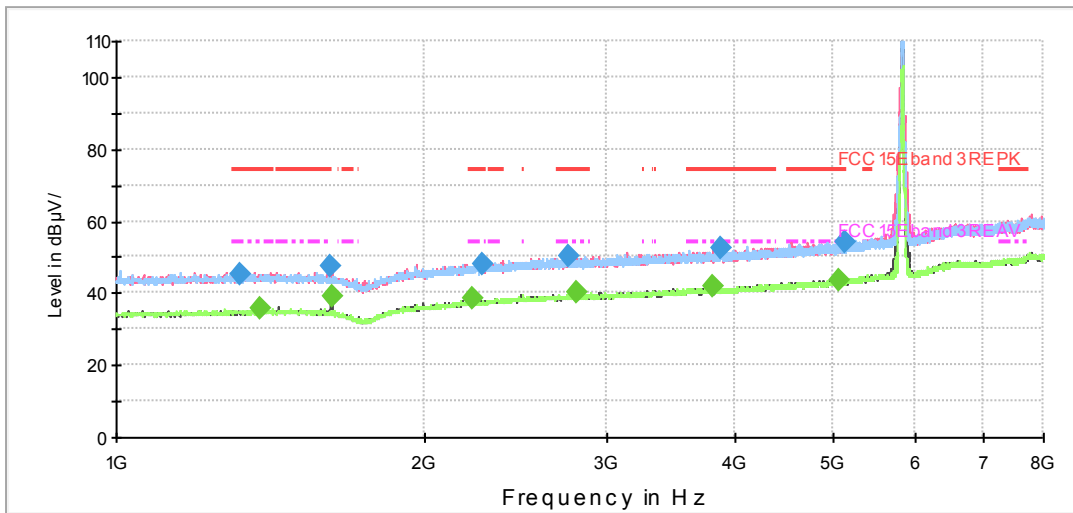
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1340.375000     | 35.3             | 200.0       | V            | 2.0           | -0.9                | 18.7        | 54.0           |
| 1578.375000     | 39.9             | 100.0       | V            | 0.0           | -0.1                | 14.1        | 54.0           |
| 2310.750000     | 38.4             | 100.0       | V            | 312.0         | 2.8                 | 15.6        | 54.0           |
| 2704.500000     | 39.8             | 100.0       | H            | 93.0          | 4.0                 | 14.2        | 54.0           |
| 3763.250000     | 41.7             | 100.0       | V            | 196.0         | 6.7                 | 12.3        | 54.0           |
| 4989.125000     | 43.8             | 200.0       | V            | 182.0         | 9.5                 | 10.2        | 54.0           |

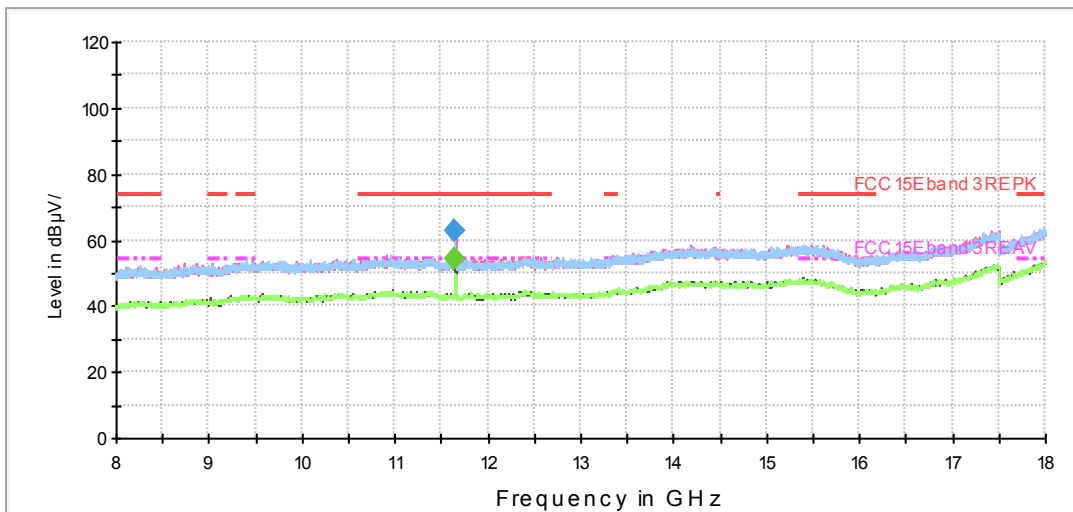
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT20) CH165



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



Radiates Emission from 8GHz to 18GHz



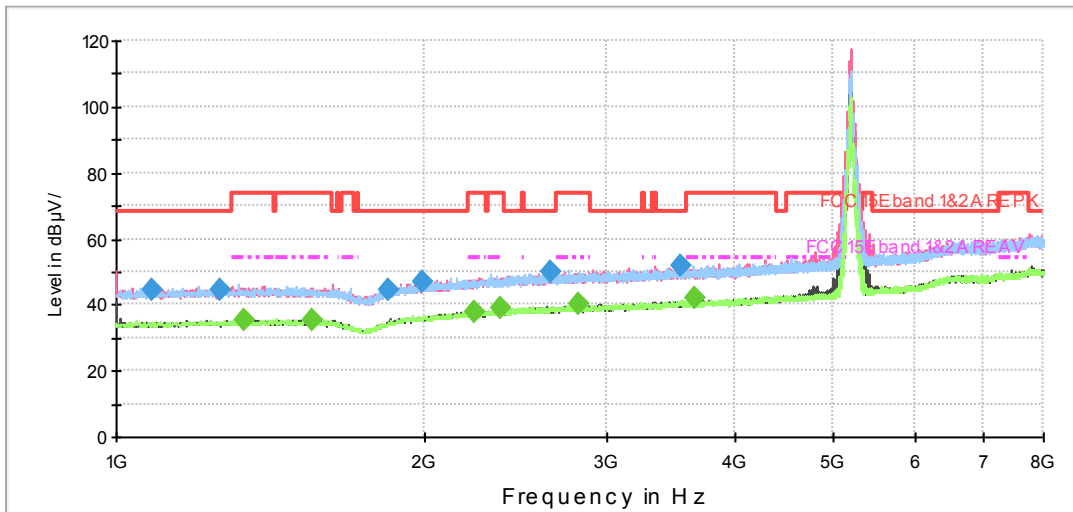
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1318.500000     | 45.1          | 100.0       | H            | 106.0         | -0.9                | 28.9        | 74.0           |
| 1619.500000     | 47.2          | 100.0       | V            | 342.0         | 0.1                 | 26.8        | 74.0           |
| 2272.250000     | 48.1          | 100.0       | V            | 357.0         | 2.7                 | 25.9        | 74.0           |
| 2755.250000     | 50.4          | 100.0       | V            | 326.0         | 4.2                 | 23.6        | 74.0           |
| 3877.875000     | 52.4          | 100.0       | H            | 272.0         | 7.0                 | 21.6        | 74.0           |
| 5118.625000     | 53.9          | 200.0       | V            | 43.0          | 10.0                | 20.1        | 74.0           |

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

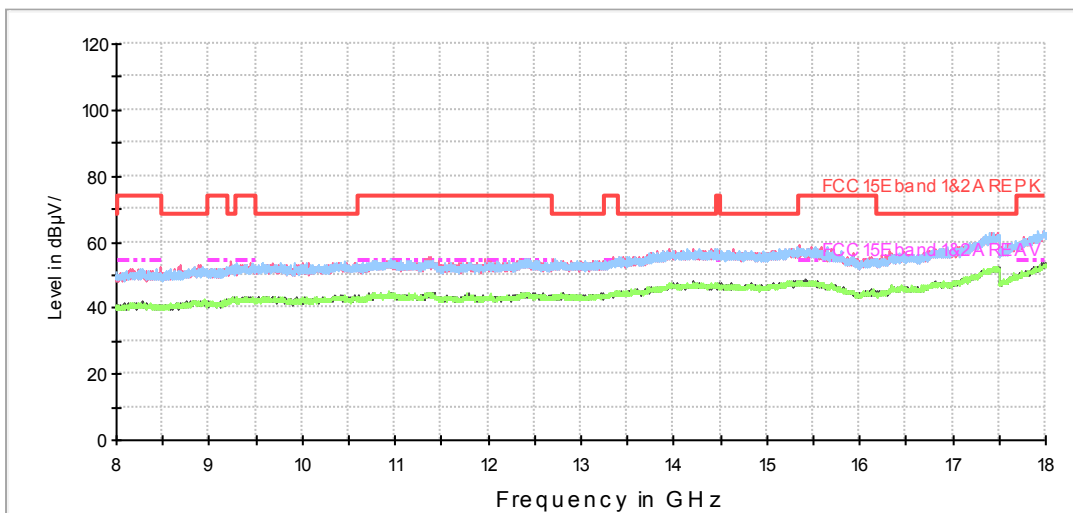
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1380.625000     | 35.7             | 200.0       | H            | 123.0         | -0.7                | 18.3        | 54.0           |
| 1623.000000     | 38.8             | 200.0       | V            | 54.0          | 0.1                 | 15.2        | 54.0           |
| 2220.625000     | 38.3             | 100.0       | V            | 357.0         | 2.3                 | 15.7        | 54.0           |
| 2807.750000     | 40.0             | 200.0       | H            | 357.0         | 4.3                 | 14.0        | 54.0           |
| 3804.375000     | 41.6             | 100.0       | H            | 11.0          | 6.8                 | 12.4        | 54.0           |
| 5051.250000     | 43.6             | 100.0       | V            | 196.0         | 9.8                 | 10.4        | 54.0           |

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

## 802.11n (HT40) CH38



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1084.000000     | 44.5          | 200.0       | V            | 246.0         | -1.5                | 23.7        | 68.2           |
| 1264.250000     | 44.2          | 200.0       | H            | 9.0           | -1.1                | 24.0        | 68.2           |
| 1840.000000     | 44.2          | 200.0       | V            | 319.0         | 0.7                 | 24.0        | 68.2           |
| 1987.875000     | 46.7          | 200.0       | V            | 0.0           | 1.1                 | 21.5        | 68.2           |
| 2649.375000     | 49.8          | 200.0       | H            | 1.0           | 3.9                 | 18.4        | 68.2           |
| 3555.875000     | 51.9          | 200.0       | V            | 345.0         | 6.3                 | 16.3        | 68.2           |

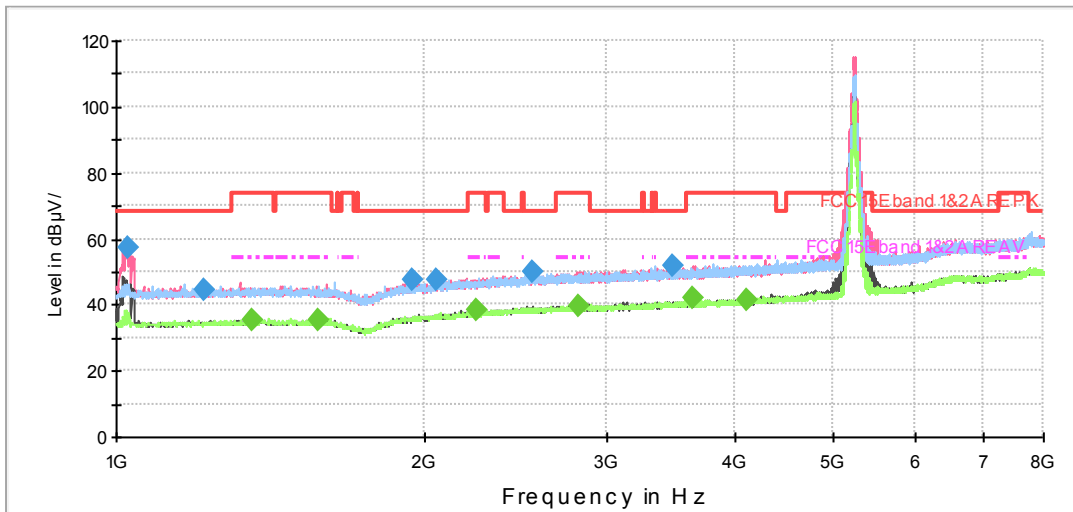
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1335.125000     | 35.1             | 200.0       | V            | 338.0         | -0.9                | 18.9        | 54.0           |
| 1555.625000     | 35.3             | 200.0       | V            | 246.0         | -0.2                | 18.7        | 54.0           |
| 2234.625000     | 37.9             | 200.0       | V            | 330.0         | 2.4                 | 16.1        | 54.0           |
| 2364.125000     | 38.8             | 200.0       | V            | 262.0         | 3.0                 | 15.2        | 54.0           |
| 2818.250000     | 40.4             | 200.0       | H            | 128.0         | 4.3                 | 13.6        | 54.0           |
| 3663.500000     | 41.9             | 200.0       | H            | 0.0           | 6.5                 | 12.1        | 54.0           |

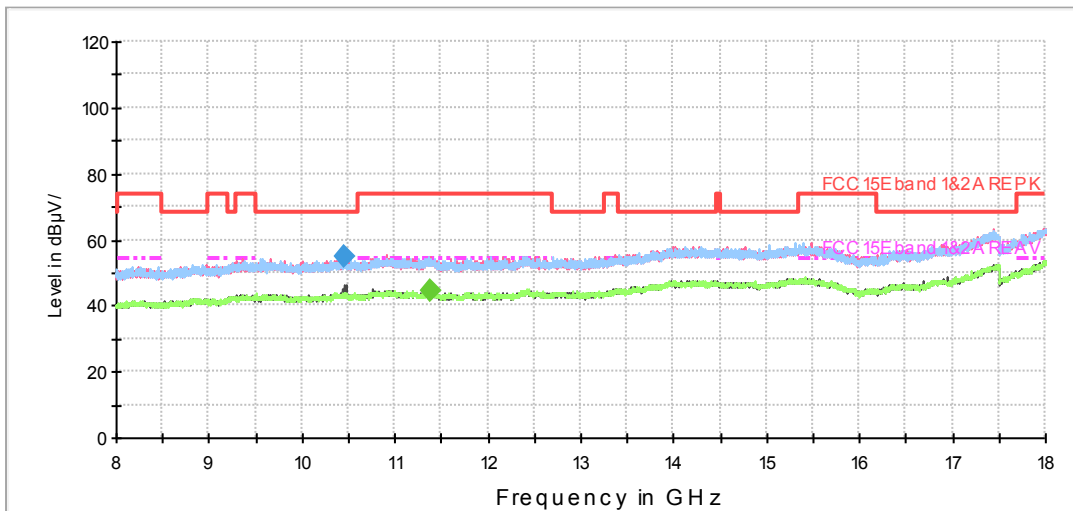
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11n (HT40) CH46



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



Radiates Emission from 8GHz to 18GHz



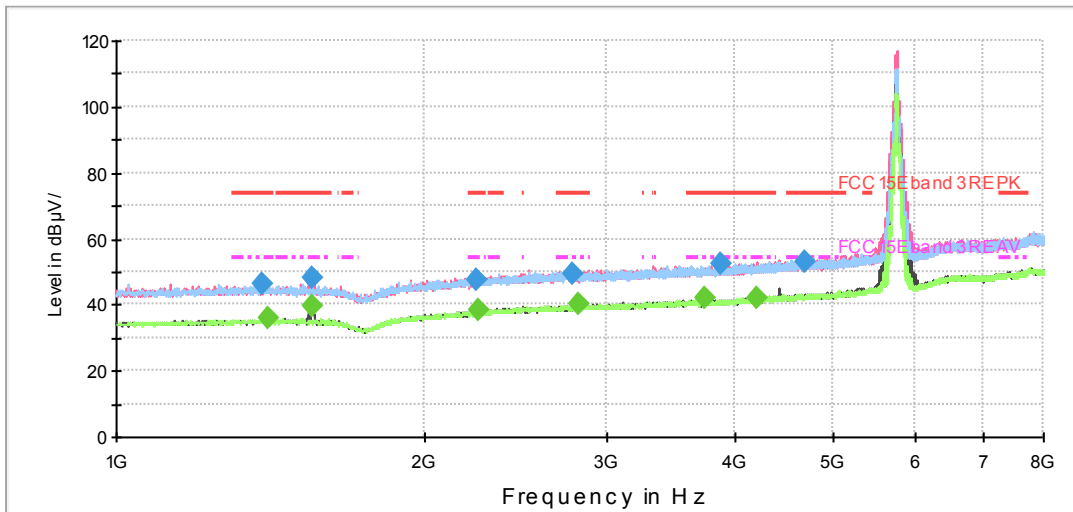
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1028.875000     | 57.1          | 200.0       | V            | 343.0         | -1.8                | 11.1        | 68.2           |
| 1218.750000     | 44.3          | 200.0       | V            | 287.0         | -1.2                | 23.9        | 68.2           |
| 1942.375000     | 47.3          | 200.0       | V            | 0.0           | 1.0                 | 20.9        | 68.2           |
| 2052.625000     | 47.4          | 200.0       | V            | 9.0           | 1.4                 | 20.8        | 68.2           |
| 2547.875000     | 50.1          | 200.0       | H            | 117.0         | 3.7                 | 18.1        | 68.2           |
| 3483.250000     | 51.7          | 200.0       | H            | 1.0           | 6.0                 | 16.5        | 68.2           |

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

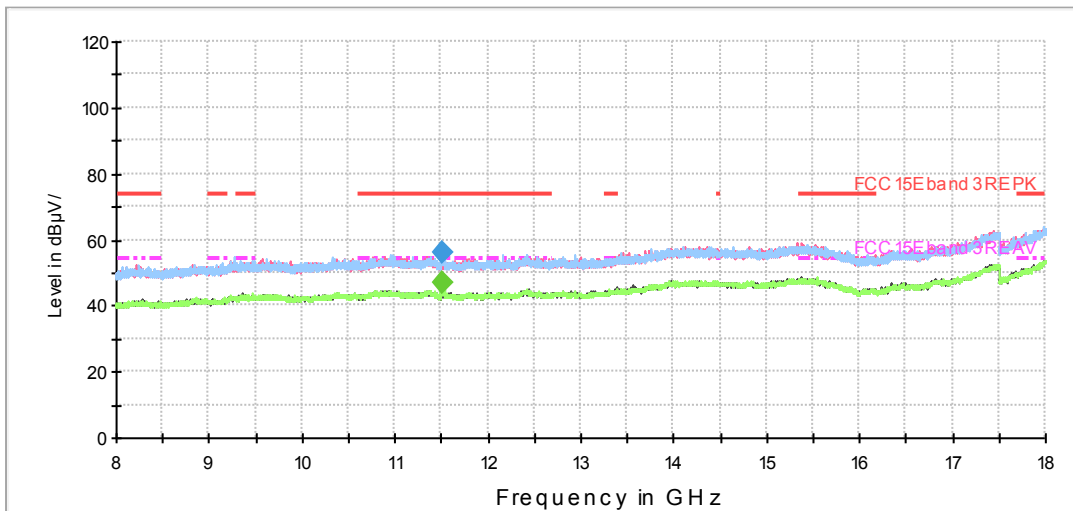
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1355.250000     | 35.4             | 200.0       | H            | 335.0         | -0.9                | 18.6        | 54.0           |
| 1570.500000     | 35.4             | 200.0       | H            | 0.0           | -0.1                | 18.6        | 54.0           |
| 2248.625000     | 38.2             | 200.0       | V            | 241.0         | 2.4                 | 15.8        | 54.0           |
| 2822.625000     | 39.8             | 200.0       | V            | 357.0         | 4.4                 | 14.2        | 54.0           |
| 3646.875000     | 42.2             | 200.0       | V            | 335.0         | 6.5                 | 11.8        | 54.0           |
| 4108.000000     | 41.7             | 200.0       | V            | 349.0         | 7.7                 | 12.3        | 54.0           |

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

802.11n (HT40) CH151



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



Radiates Emission from 8GHz to 18GHz



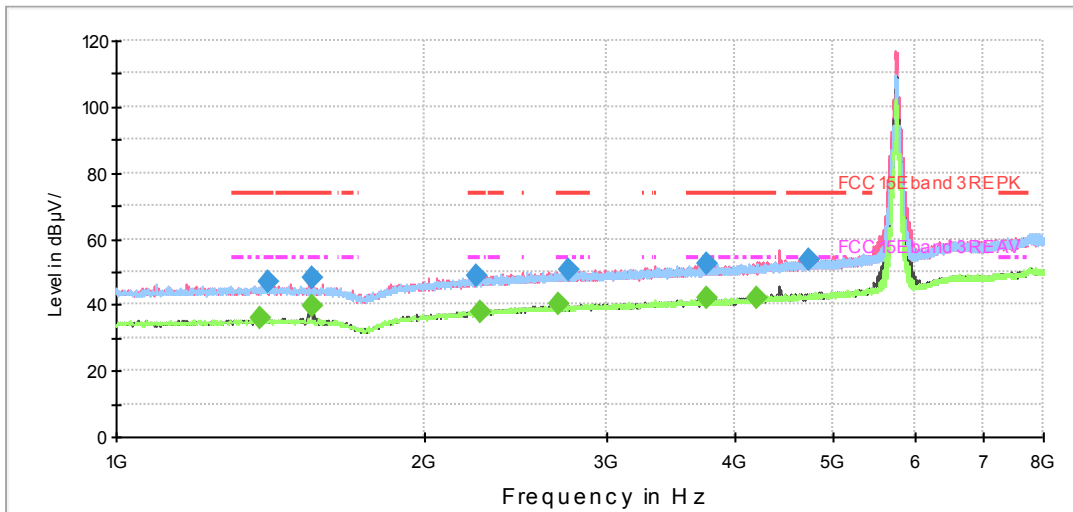
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1386.750000     | 46.3          | 200.0       | H            | 358.0         | -0.7                | 27.7        | 74.0           |
| 1552.125000     | 48.4          | 200.0       | V            | 41.0          | -0.2                | 25.6        | 74.0           |
| 2241.625000     | 47.4          | 100.0       | V            | 359.0         | 2.4                 | 26.6        | 74.0           |
| 2790.250000     | 49.2          | 100.0       | H            | 3.0           | 4.3                 | 24.8        | 74.0           |
| 3880.500000     | 52.2          | 200.0       | H            | 347.0         | 7.0                 | 21.8        | 74.0           |
| 4689.000000     | 53.2          | 100.0       | H            | 84.0          | 9.2                 | 20.8        | 74.0           |

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

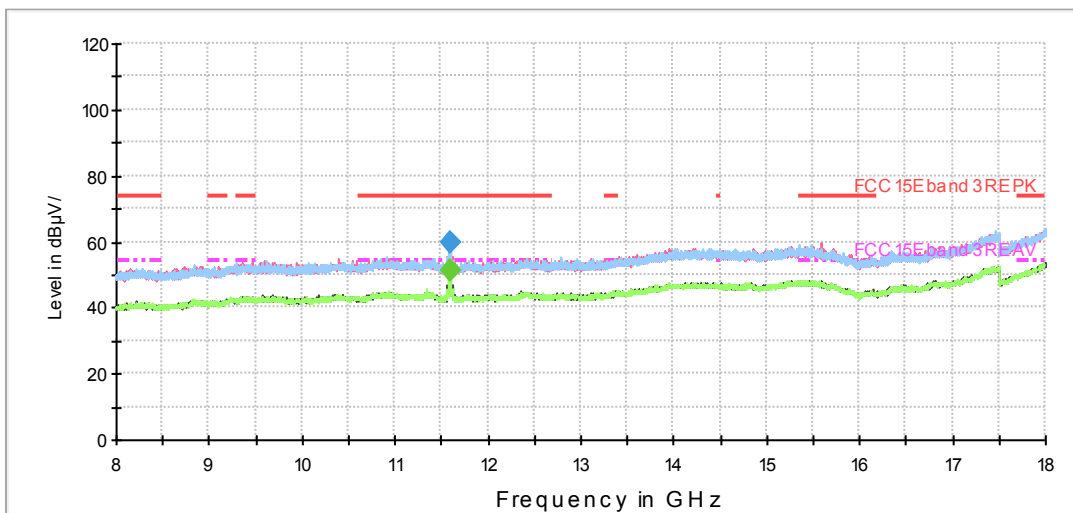
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1409.500000     | 35.8             | 200.0       | V            | 351.0         | -0.7                | 18.2        | 54.0           |
| 1554.750000     | 39.5             | 200.0       | V            | 41.0          | -0.2                | 14.5        | 54.0           |
| 2255.625000     | 38.2             | 100.0       | H            | 15.0          | 2.5                 | 15.8        | 54.0           |
| 2827.875000     | 40.2             | 200.0       | V            | 30.0          | 4.4                 | 13.8        | 54.0           |
| 3751.875000     | 42.2             | 200.0       | H            | 9.0           | 6.7                 | 11.8        | 54.0           |
| 4206.875000     | 42.2             | 200.0       | V            | 83.0          | 7.9                 | 11.8        | 54.0           |

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

802.11n (HT40) CH159



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



Radiates Emission from 8GHz to 18GHz



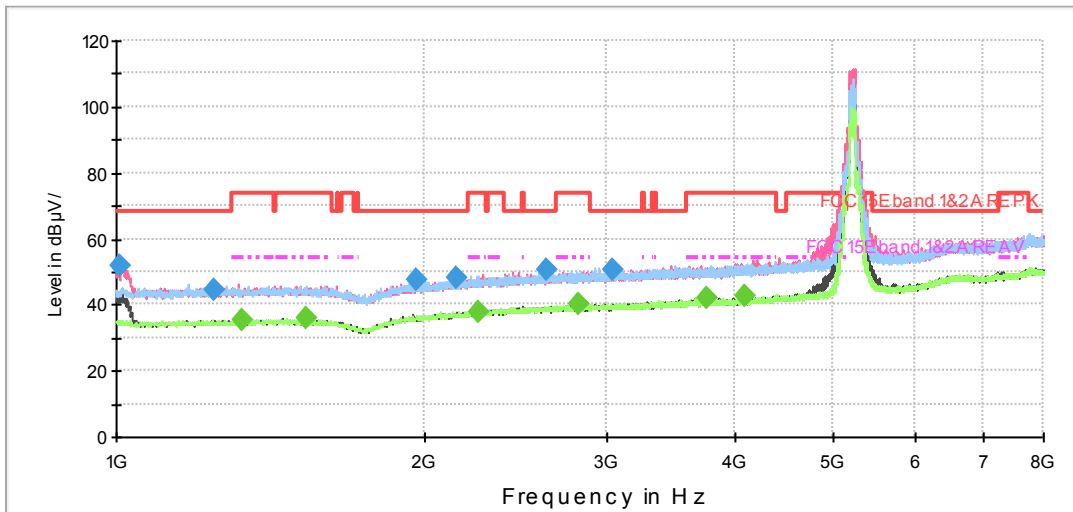
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1406.000000     | 46.9          | 200.0       | H            | 100.0         | -0.7                | 27.1        | 74.0           |
| 1551.250000     | 47.8          | 200.0       | V            | 42.0          | -0.2                | 26.2        | 74.0           |
| 2239.875000     | 48.6          | 200.0       | H            | 144.0         | 2.4                 | 25.4        | 74.0           |
| 2753.500000     | 50.6          | 100.0       | V            | 187.0         | 4.2                 | 23.4        | 74.0           |
| 3770.250000     | 52.5          | 200.0       | V            | 64.0          | 6.8                 | 21.5        | 74.0           |
| 4735.375000     | 53.4          | 200.0       | V            | 150.0         | 9.2                 | 20.6        | 74.0           |

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

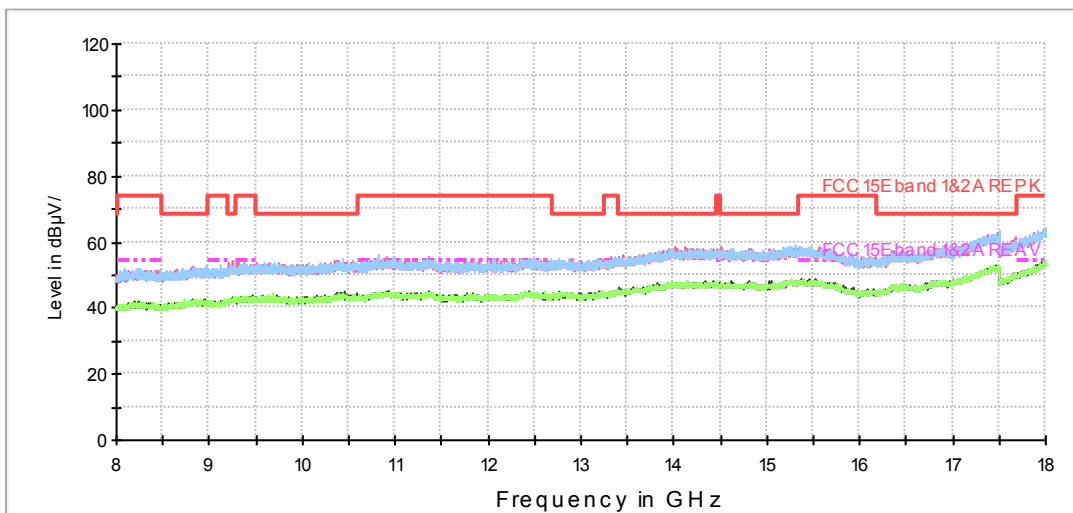
| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1380.625000     | 35.7             | 100.0       | H            | 200.0         | -0.7                | 18.3        | 54.0           |
| 1550.375000     | 39.6             | 100.0       | V            | 349.0         | -0.2                | 14.4        | 54.0           |
| 2261.750000     | 37.8             | 200.0       | V            | 96.0          | 2.6                 | 16.2        | 54.0           |
| 2701.000000     | 40.0             | 200.0       | H            | 275.0         | 4.0                 | 14.0        | 54.0           |
| 3760.625000     | 42.1             | 200.0       | H            | 39.0          | 6.7                 | 11.9        | 54.0           |
| 4205.125000     | 42.1             | 100.0       | V            | 306.0         | 7.8                 | 11.9        | 54.0           |

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

802.11ac (HT80) CH42



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1008.750000     | 51.6          | 200.0       | V            | 345.0         | -1.9                | 16.6        | 68.2           |
| 1245.875000     | 44.5          | 200.0       | H            | 0.0           | -1.1                | 23.7        | 68.2           |
| 1965.125000     | 47.5          | 200.0       | H            | 283.0         | 1.0                 | 20.7        | 68.2           |
| 2148.000000     | 48.2          | 200.0       | H            | 63.0          | 1.9                 | 20.0        | 68.2           |
| 2624.000000     | 50.6          | 200.0       | V            | 233.0         | 3.8                 | 17.6        | 68.2           |
| 3044.875000     | 50.4          | 200.0       | V            | 0.0           | 4.9                 | 17.8        | 68.2           |

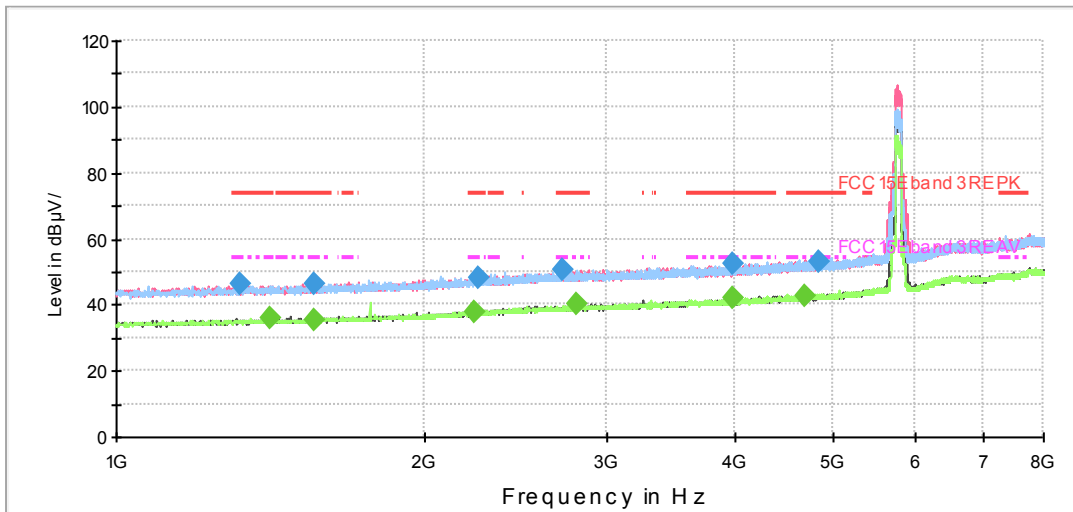
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1324.625000     | 35.4             | 200.0       | V            | 0.0           | -0.9                | 18.6        | 54.0           |
| 1530.250000     | 35.6             | 200.0       | V            | 248.0         | -0.3                | 18.4        | 54.0           |
| 2256.500000     | 37.6             | 200.0       | V            | 279.0         | 2.5                 | 16.4        | 54.0           |
| 2821.750000     | 40.0             | 200.0       | V            | 0.0           | 4.4                 | 14.0        | 54.0           |
| 3753.625000     | 42.1             | 200.0       | H            | 20.0          | 6.7                 | 11.9        | 54.0           |
| 4092.250000     | 42.4             | 200.0       | V            | 350.0         | 7.6                 | 11.6        | 54.0           |

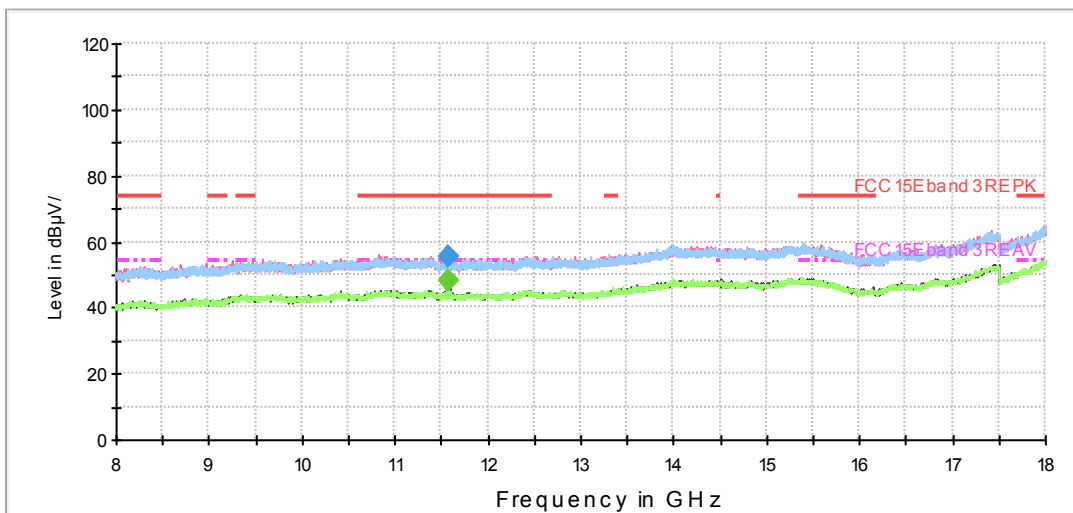
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)



802.11ac (HT80) CH155



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



Radiates Emission from 8GHz to 18GHz



| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1318.500000     | 46.2          | 200.0       | V            | 12.0          | -0.9                | 27.8        | 74.0           |
| 1561.750000     | 46.6          | 100.0       | H            | 172.0         | -0.2                | 27.4        | 74.0           |
| 2257.375000     | 48.3          | 100.0       | V            | 359.0         | 2.5                 | 25.7        | 74.0           |
| 2716.750000     | 50.4          | 100.0       | V            | 210.0         | 4.1                 | 23.6        | 74.0           |
| 3983.750000     | 52.2          | 100.0       | V            | 285.0         | 7.2                 | 21.8        | 74.0           |
| 4827.250000     | 52.9          | 100.0       | V            | 0.0           | 9.4                 | 21.1        | 74.0           |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 1412.125000     | 36.0             | 100.0       | V            | 343.0         | -0.7                | 18.0        | 54.0           |
| 1558.250000     | 35.5             | 100.0       | V            | 0.0           | -0.2                | 18.5        | 54.0           |
| 2239.000000     | 37.6             | 200.0       | V            | 67.0          | 2.4                 | 16.4        | 54.0           |
| 2803.375000     | 39.9             | 200.0       | V            | 2.0           | 4.3                 | 14.1        | 54.0           |
| 3991.625000     | 42.1             | 200.0       | H            | 143.0         | 7.2                 | 11.9        | 54.0           |
| 4692.500000     | 42.9             | 100.0       | V            | 221.0         | 9.2                 | 11.1        | 54.0           |

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

## 5.6. Conducted Emission

### Ambient condition

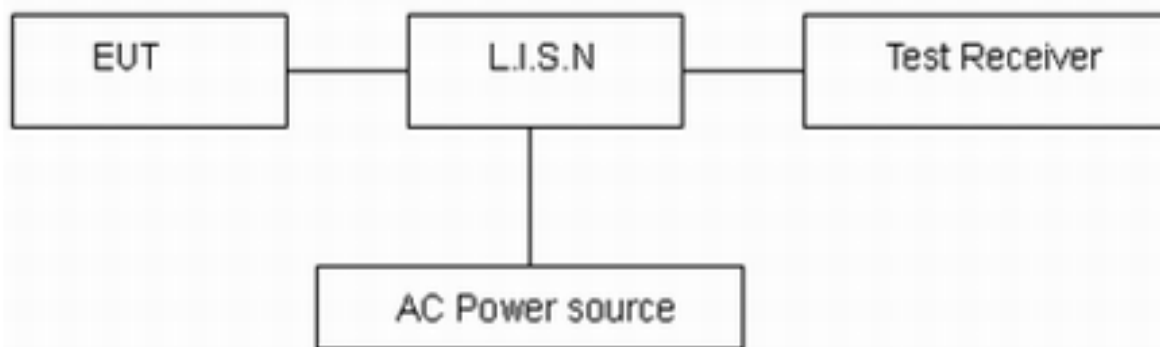
| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.5kPa |

### 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 (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         |

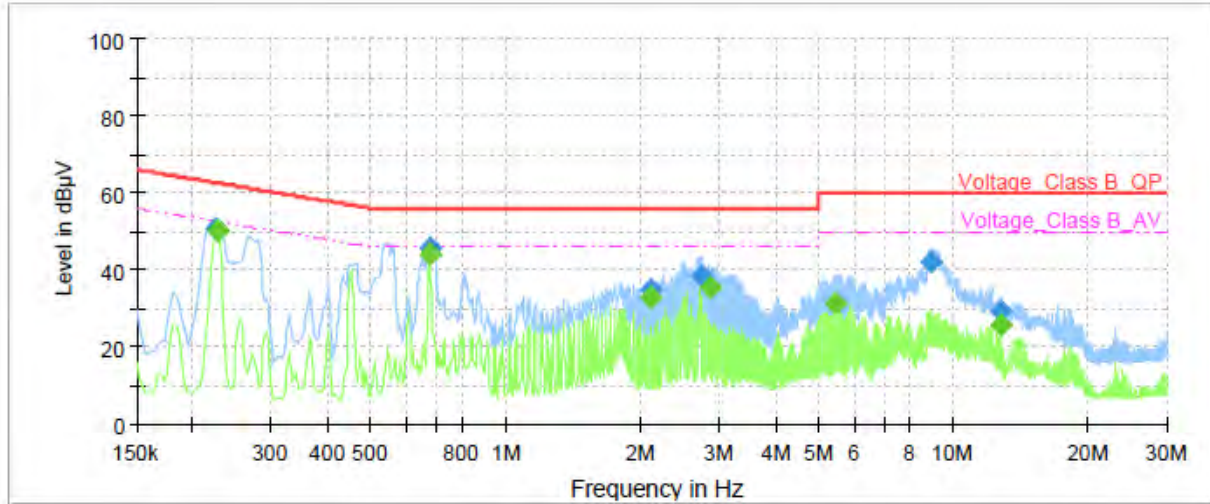
\*: Decreases with the logarithm of the frequency.

### 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:**

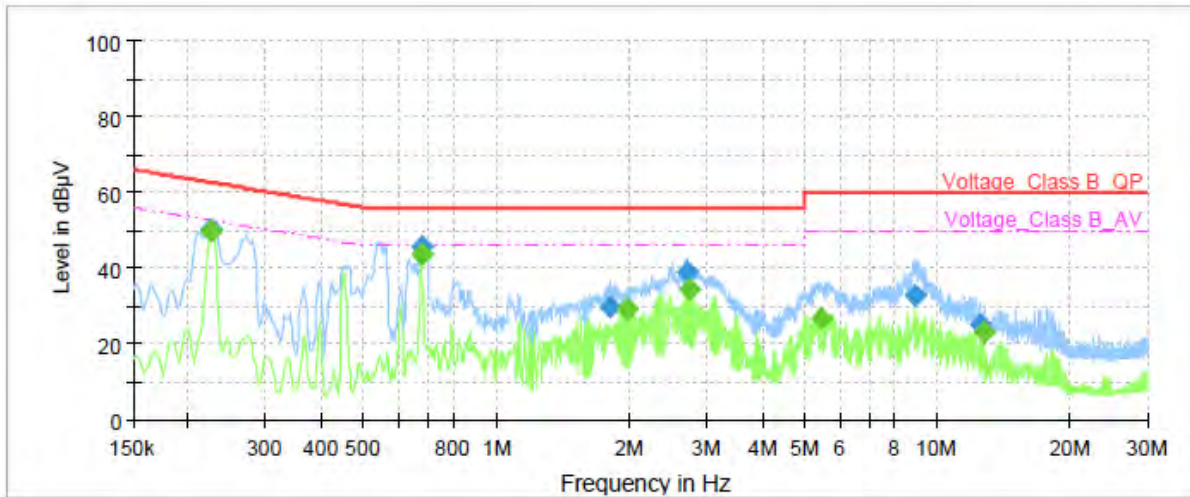
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes with all channels, 802.11n (HT20) CH36 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.22            | 50.66            | ---            | 62.66        | 12.00       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 0.23            | ---              | 50.04          | 52.58        | 2.54        | 1000.0          | 9.000           | L1   | ON     | 19         |
| 0.67            | 45.76            | ---            | 56.00        | 10.24       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 0.68            | ---              | 44.22          | 46.00        | 1.78        | 1000.0          | 9.000           | L1   | ON     | 19         |
| 2.11            | 34.66            | ---            | 56.00        | 21.34       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 2.11            | ---              | 32.61          | 46.00        | 13.39       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 2.73            | 38.37            | ---            | 56.00        | 17.63       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 2.88            | ---              | 35.41          | 46.00        | 10.59       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 5.46            | ---              | 31.46          | 50.00        | 18.54       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 8.93            | 41.99            | ---            | 60.00        | 18.01       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 12.75           | ---              | 25.39          | 50.00        | 24.61       | 1000.0          | 9.000           | L1   | ON     | 19         |
| 12.75           | 29.47            | ---            | 60.00        | 30.53       | 1000.0          | 9.000           | L1   | ON     | 19         |

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

L line Conducted Emission from 150 KHz to 30 MHz



| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.22            | ---              | 49.72          | 52.66        | 2.94        | 1000.0          | 9.000           | N    | ON     | 19         |
| 0.22            | 50.39            | ---            | 62.66        | 12.27       | 1000.0          | 9.000           | N    | ON     | 19         |
| 0.67            | ---              | 43.61          | 46.00        | 2.39        | 1000.0          | 9.000           | N    | ON     | 19         |
| 0.67            | 45.63            | ---            | 56.00        | 10.37       | 1000.0          | 9.000           | N    | ON     | 19         |
| 1.80            | 29.85            | ---            | 56.00        | 26.15       | 1000.0          | 9.000           | N    | ON     | 19         |
| 1.98            | ---              | 29.45          | 46.00        | 16.55       | 1000.0          | 9.000           | N    | ON     | 19         |
| 2.72            | 38.75            | ---            | 56.00        | 17.25       | 1000.0          | 9.000           | N    | ON     | 19         |
| 2.74            | ---              | 34.51          | 46.00        | 11.49       | 1000.0          | 9.000           | N    | ON     | 19         |
| 5.46            | ---              | 26.66          | 50.00        | 23.34       | 1000.0          | 9.000           | N    | ON     | 19         |
| 8.93            | 32.87            | ---            | 60.00        | 27.13       | 1000.0          | 9.000           | N    | ON     | 19         |
| 12.50           | 25.28            | ---            | 60.00        | 34.72       | 1000.0          | 9.000           | N    | ON     | 19         |
| 12.75           | ---              | 22.87          | 50.00        | 27.13       | 1000.0          | 9.000           | N    | ON     | 19         |

Remark: Correct factor=cable loss + LISN factor

N line Conducted Emission from 150 KHz to 30 MHz



## 6. Main Test Instruments

| Name                     | Manufacturer | Type                  | Serial Number      | Calibration Date | Expiration Date |
|--------------------------|--------------|-----------------------|--------------------|------------------|-----------------|
| Spectrum Analyzer        | R&S          | FSV40                 | 15195-01-00        | 2019-05-19       | 2020-05-18      |
| Spectrum Analyzer        | R&S          | FSV40                 | 15195-01-00        | 2020-05-18       | 2021-05-17      |
| EMI Test Receiver        | R&S          | ESCI                  | 100948             | 2019-05-19       | 2020-05-18      |
| EMI Test Receiver        | R&S          | ESCI                  | 100948             | 2020-05-18       | 2021-05-17      |
| Loop Antenna             | SCHWARZBECK  | FMZB1519              | 1519-047           | 2017-09-26       | 2020-09-25      |
| TRILOG Broadband Antenna | SCHWARZBECK  | VULB 9163             | 9163-201           | 2017-11-18       | 2020-11-17      |
| Horn Antenna             | R&S          | HF907                 | 102723             | 2018-08-11       | 2021-08-10      |
| Horn Antenna             | ETS-Lindgren | 3160-09               | 00102643           | 2018-06-20       | 2021-06-19      |
| Standard Gain Horn       | STEATITE     | QSH-SL-26-40<br>-K-15 | 16779              | 2019-12-24       | 2022-12-23      |
| Broadband Horn Antenna   | SCHWARZBECK  | BBHA 9120D            | 430                | 2018-07-07       | 2021-07-06      |
| EMI Test Receiver        | R&S          | ESR                   | 101667             | 2019-05-19       | 2020-05-18      |
| EMI Test Receiver        | R&S          | ESR                   | 101667             | 2020-05-18       | 2021-05-17      |
| LISN                     | R&S          | ENV216                | 101171             | 2018-12-15       | 2021-12-14      |
| Spectrum Analyzer        | KEYSIGHT     | N9020A                | MY54420163         | 2019-12-15       | 2020-12-14      |
| RF Cable                 | Agilent      | SMA 15cm              | 0001               | 2019-12-13       | 2020-06-12      |
| RF Cable                 | Agilent      | SMA 15cm              | 0001               | 2020-06-12       | 2020-12-11      |
| TEMPERATURE CHAMBER      | WEISS        | VT4002                | 582261194500<br>10 | 2019-12-15       | 2020-12-14      |
| Power Meter              | R&S          | NRP2                  | 104306             | 2019-05-19       | 2020-05-18      |
| Power Meter              | R&S          | NRP2                  | 104306             | 2020-05-18       | 2021-05-17      |
| Power Sensor             | R&S          | NRP-Z21               | 104799             | 2019-05-19       | 2020-05-18      |
| Power Sensor             | R&S          | NRP-Z21               | 104799             | 2020-05-18       | 2021-05-17      |
| DC Power Supply          | GWINSTEK     | GPS-3030D             | GEP882653          | 2019-05-19       | 2020-05-18      |
| DC Power Supply          | GWINSTEK     | GPS-3030D             | GEP882653          | 2020-05-18       | 2021-05-17      |
| Software                 | R&S          | EMC32                 | 9.26.0             | /                | /               |

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