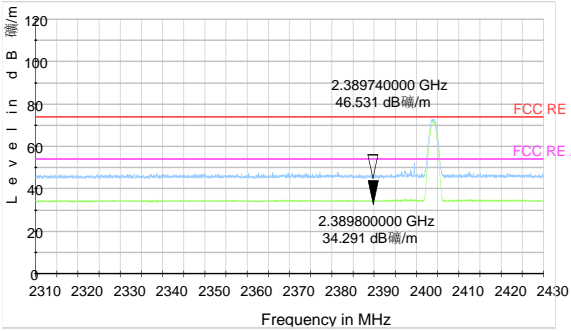
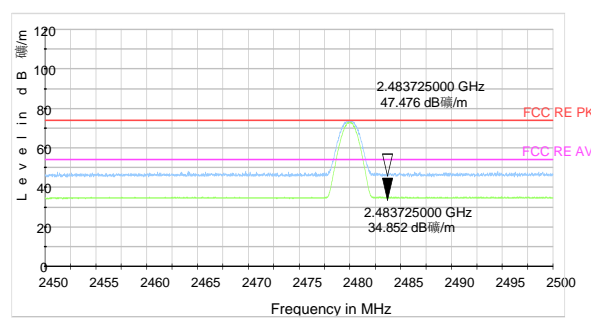




During the test, the preliminary test was performed in both data rate for BLE, 1Mbps was selected as the worst case. The test data of the worst-case condition was recorded in this report



Bluetooth LE Channel 0 Peak & Average



Bluetooth LE Channel 39 Peak & Average



Result of RE

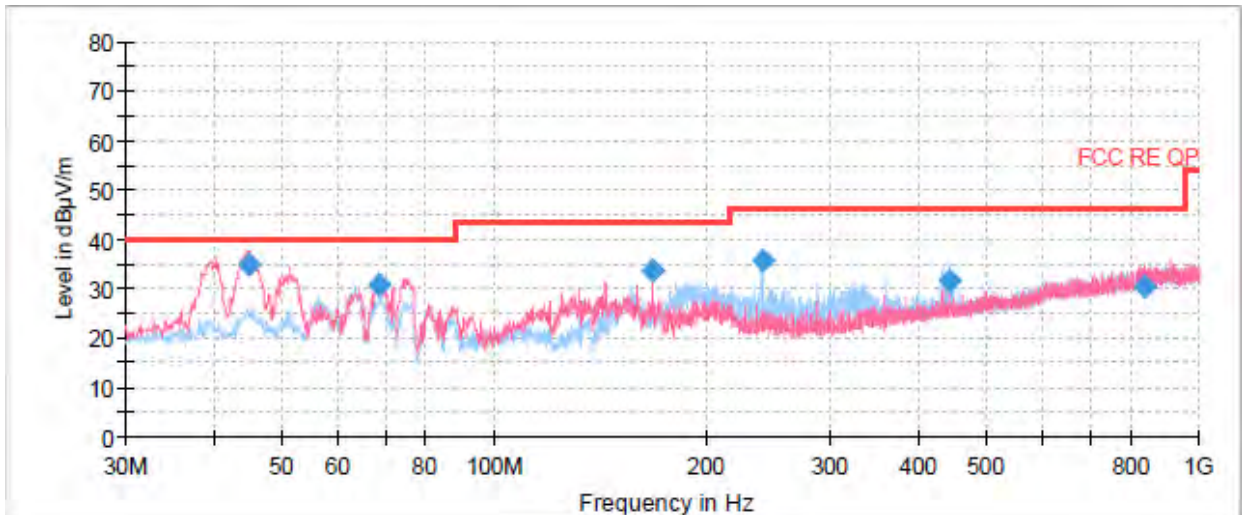
Test result

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the Emissions in the frequency band 9kHz-30MHz are more than 20dB below the limit are not reported.

The following graphs display the maximum values of horizontal and vertical by software. For above 1GHz, Blue trace uses the peak detection, Green trace uses the average detection.

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 802.11n (HT40) CH3 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Continuous TX mode:

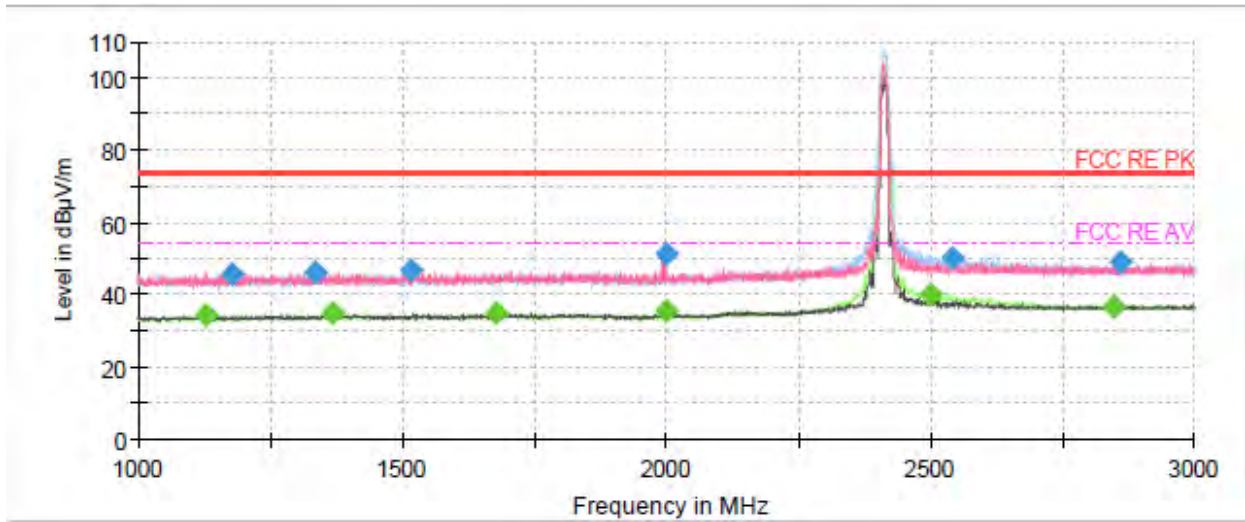


Radiates Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|---------------------|-------------|----------------|
| 44.913750 | 34.81 | 100.0 | V | 90.0 | 14.1 | 5.19 | 40.00 |
| 68.921250 | 30.97 | 100.0 | V | 268.0 | 10.6 | 9.03 | 40.00 |
| 167.982500 | 33.55 | 100.0 | V | 198.0 | 10.0 | 9.95 | 43.50 |
| 240.005000 | 35.77 | 105.0 | H | 180.0 | 13.7 | 10.23 | 46.00 |
| 444.068750 | 31.74 | 100.0 | H | 26.0 | 18.4 | 14.26 | 46.00 |
| 839.828750 | 30.23 | 225.0 | H | 232.0 | 24.1 | 15.77 | 46.00 |

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

802.11b CH1

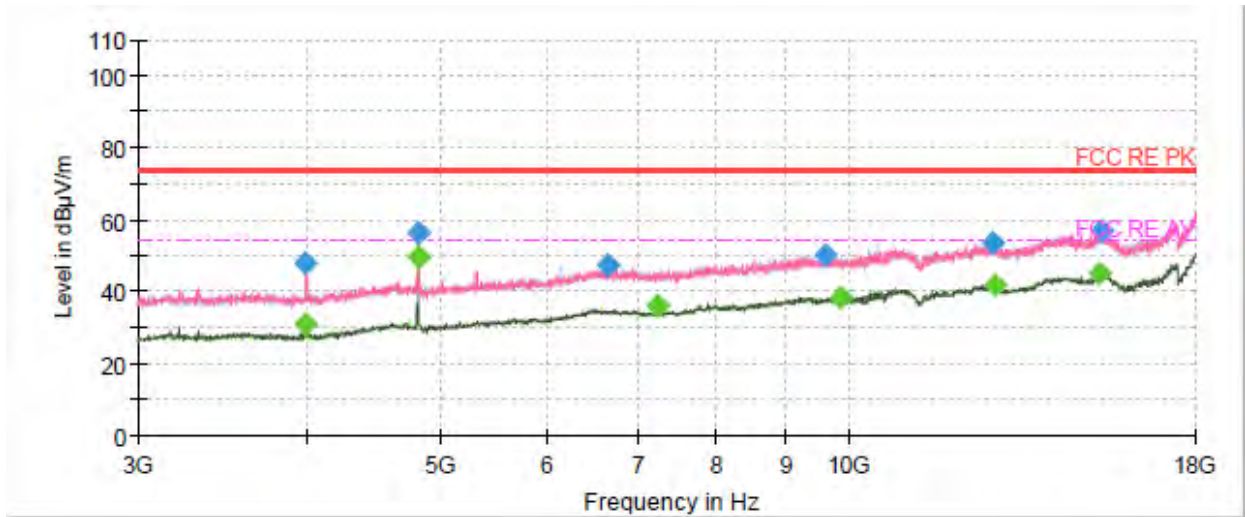


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1128.500000 | --- | 34.28 | 54.00 | 19.72 | 200.0 | V | 12.0 | -10.5 |
| 1176.500000 | 45.69 | --- | 74.00 | 28.31 | 200.0 | V | 17.0 | -10.4 |
| 1334.500000 | 46.32 | --- | 74.00 | 27.68 | 200.0 | V | 70.0 | -9.7 |
| 1369.500000 | --- | 34.78 | 54.00 | 19.22 | 100.0 | V | 357.0 | -9.6 |
| 1515.250000 | 46.54 | --- | 74.00 | 27.46 | 200.0 | H | 241.0 | -9.1 |
| 1676.250000 | --- | 35.17 | 54.00 | 18.83 | 200.0 | V | 62.0 | -8.7 |
| 1998.250000 | --- | 35.57 | 54.00 | 18.43 | 200.0 | V | 207.0 | -8.2 |
| 1998.250000 | 51.39 | --- | 74.00 | 22.61 | 200.0 | V | 207.0 | -8.2 |
| 2499.500000 | --- | 40.18 | 54.00 | 13.82 | 100.0 | H | 14.0 | -6.3 |
| 2539.750000 | 50.34 | --- | 74.00 | 23.66 | 100.0 | H | 2.0 | -6.2 |
| 2848.000000 | --- | 36.82 | 54.00 | 17.18 | 100.0 | H | 67.0 | -6.1 |
| 2859.500000 | 48.85 | --- | 74.00 | 25.15 | 200.0 | V | 29.0 | -6.0 |

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

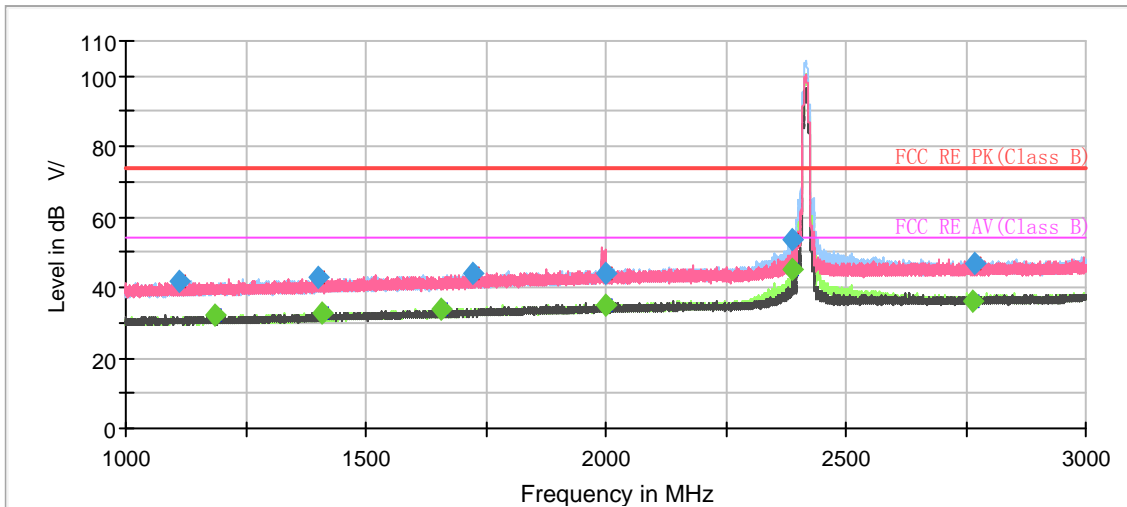


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3990.000000 | 48.05 | --- | 74.00 | 25.95 | 100.0 | H | 227.0 | -13.4 |
| 3991.875000 | --- | 30.76 | 54.00 | 23.24 | 200.0 | V | 15.0 | -13.3 |
| 4822.500000 | 56.13 | --- | 74.00 | 17.87 | 200.0 | V | 354.0 | -10.7 |
| 4822.500000 | --- | 49.61 | 54.00 | 4.39 | 200.0 | V | 354.0 | -10.7 |
| 6663.750000 | 47.26 | --- | 74.00 | 26.74 | 100.0 | V | 250.0 | -3.5 |
| 7233.750000 | --- | 36.33 | 54.00 | 17.67 | 200.0 | V | 36.0 | -4.6 |
| 9609.375000 | 49.94 | --- | 74.00 | 24.06 | 200.0 | V | 92.0 | -2.3 |
| 9853.125000 | --- | 38.57 | 54.00 | 15.43 | 100.0 | H | 9.0 | -1.8 |
| 12791.250000 | 53.31 | --- | 74.00 | 20.69 | 200.0 | H | 226.0 | 2.1 |
| 12808.125000 | --- | 41.55 | 54.00 | 12.45 | 100.0 | H | 150.0 | 2.1 |
| 15305.625000 | --- | 44.93 | 54.00 | 9.07 | 100.0 | H | 13.0 | 5.7 |
| 15352.500000 | 57.08 | --- | 74.00 | 16.92 | 200.0 | H | 150.0 | 5.8 |

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

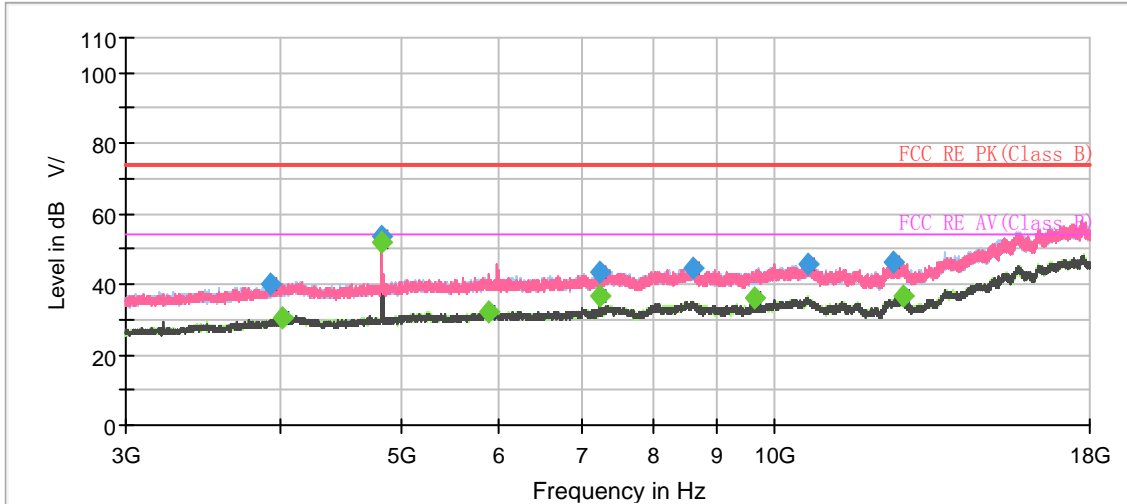
802.11b CH2



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1110.666667 | 41.82 | --- | 74.00 | 32.18 | 100.0 | V | 168.0 | -7.7 |
| 1186.000000 | --- | 32.09 | 54.00 | 21.91 | 200.0 | V | 181.0 | -7.4 |
| 1400.933333 | 42.75 | --- | 74.00 | 31.25 | 100.0 | V | 333.0 | -6.2 |
| 1410.400000 | --- | 32.70 | 54.00 | 21.30 | 200.0 | H | 31.0 | -6.1 |
| 1658.000000 | --- | 33.97 | 54.00 | 20.03 | 200.0 | H | 292.0 | -4.7 |
| 1724.133333 | 44.20 | --- | 74.00 | 29.80 | 100.0 | V | 233.0 | -4.3 |
| 1998.800000 | --- | 34.95 | 54.00 | 19.05 | 200.0 | H | 268.0 | -2.7 |
| 2000.866667 | 43.87 | --- | 74.00 | 30.13 | 200.0 | H | 39.0 | -2.6 |
| 2388.800000 | --- | 45.17 | 54.00 | 8.83 | 200.0 | H | 180.0 | -1.2 |
| 2389.333333 | 53.41 | --- | 74.00 | 20.59 | 200.0 | H | 180.0 | -1.2 |
| 2762.666667 | --- | 36.15 | 54.00 | 17.85 | 200.0 | H | 348.0 | 0.8 |
| 2767.066667 | 46.76 | --- | 74.00 | 27.24 | 200.0 | H | 0.0 | 0.8 |

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

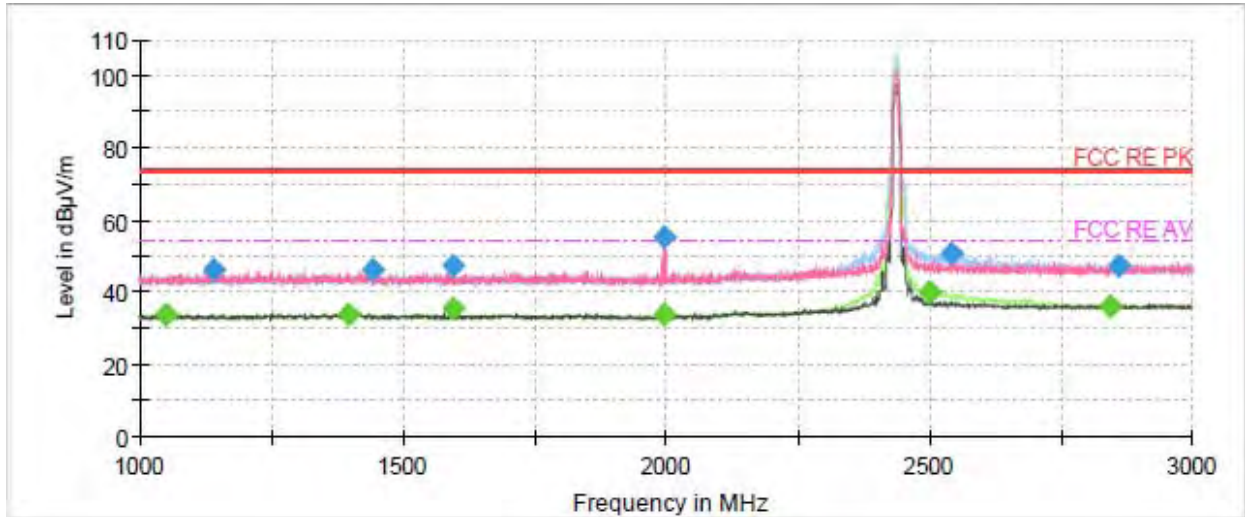


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3924.500000 | 40.30 | --- | 74.00 | 33.70 | 100.0 | V | 0.0 | -4.4 |
| 4021.000000 | --- | 30.19 | 54.00 | 23.81 | 200.0 | H | 7.0 | -3.7 |
| 4833.500000 | --- | 51.84 | 54.00 | 2.16 | 200.0 | V | 153.0 | -2.3 |
| 4834.000000 | 53.43 | --- | 74.00 | 20.57 | 200.0 | V | 153.0 | -2.3 |
| 5893.500000 | --- | 32.18 | 54.00 | 21.82 | 100.0 | V | 32.0 | -0.3 |
| 7250.500000 | --- | 36.52 | 54.00 | 17.48 | 100.0 | H | 291.0 | 1.3 |
| 7251.500000 | 43.71 | --- | 74.00 | 30.29 | 100.0 | H | 0.0 | 1.3 |
| 8616.500000 | 44.71 | --- | 74.00 | 29.29 | 100.0 | H | 299.0 | 3.9 |
| 9668.000000 | --- | 36.19 | 54.00 | 17.81 | 200.0 | V | 259.0 | 4.0 |
| 10655.000000 | 45.57 | --- | 74.00 | 28.43 | 100.0 | V | 131.0 | 5.4 |
| 12484.500000 | 46.24 | --- | 74.00 | 27.76 | 100.0 | V | 58.0 | 7.0 |
| 12715.500000 | --- | 36.79 | 54.00 | 17.21 | 100.0 | V | 318.0 | 7.5 |

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

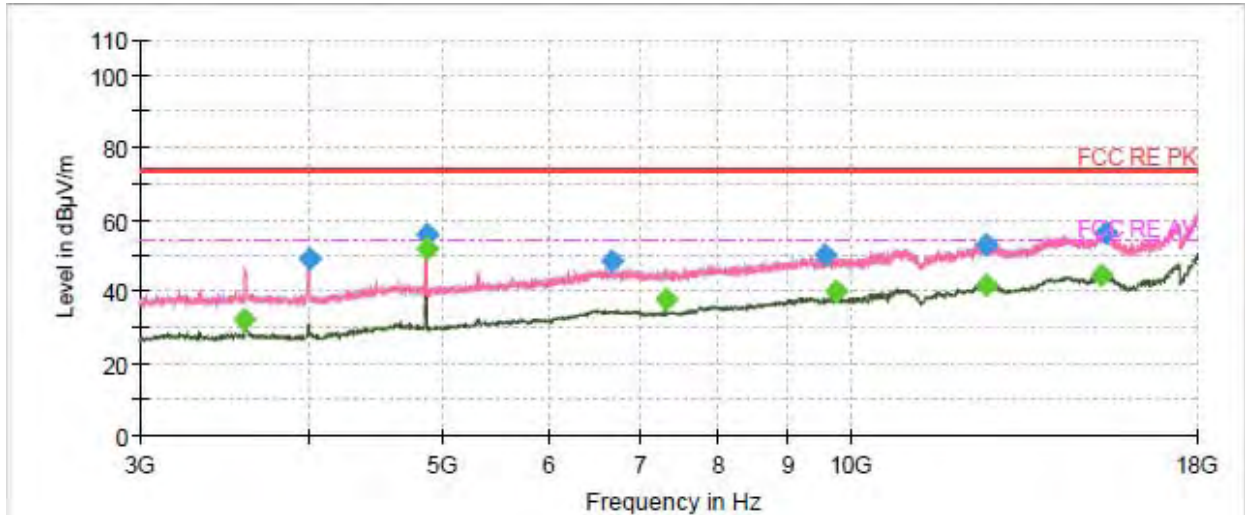
802.11b CH6



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1049.000000 | --- | 33.96 | 54.00 | 20.04 | 200.0 | V | 9.0 | -11.0 |
| 1140.750000 | 46.39 | --- | 74.00 | 27.61 | 200.0 | V | 164.0 | -10.5 |
| 1394.750000 | --- | 33.94 | 54.00 | 20.06 | 100.0 | V | 356.0 | -9.6 |
| 1440.750000 | 46.03 | --- | 74.00 | 27.97 | 200.0 | H | 307.0 | -9.3 |
| 1595.750000 | --- | 35.57 | 54.00 | 18.43 | 200.0 | V | 3.0 | -8.9 |
| 1595.750000 | 47.57 | --- | 74.00 | 26.43 | 200.0 | V | 3.0 | -8.9 |
| 1997.250000 | --- | 33.94 | 54.00 | 20.06 | 200.0 | V | 267.0 | -8.2 |
| 1997.250000 | 55.44 | --- | 74.00 | 18.56 | 200.0 | V | 267.0 | -8.2 |
| 2498.250000 | --- | 40.30 | 54.00 | 13.70 | 200.0 | H | 0.0 | -6.3 |
| 2539.500000 | 50.70 | --- | 74.00 | 23.30 | 200.0 | H | 355.0 | -6.2 |
| 2842.000000 | --- | 35.99 | 54.00 | 18.01 | 200.0 | H | 237.0 | -6.1 |
| 2860.500000 | 47.44 | --- | 74.00 | 26.56 | 100.0 | H | 0.0 | -6.0 |

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



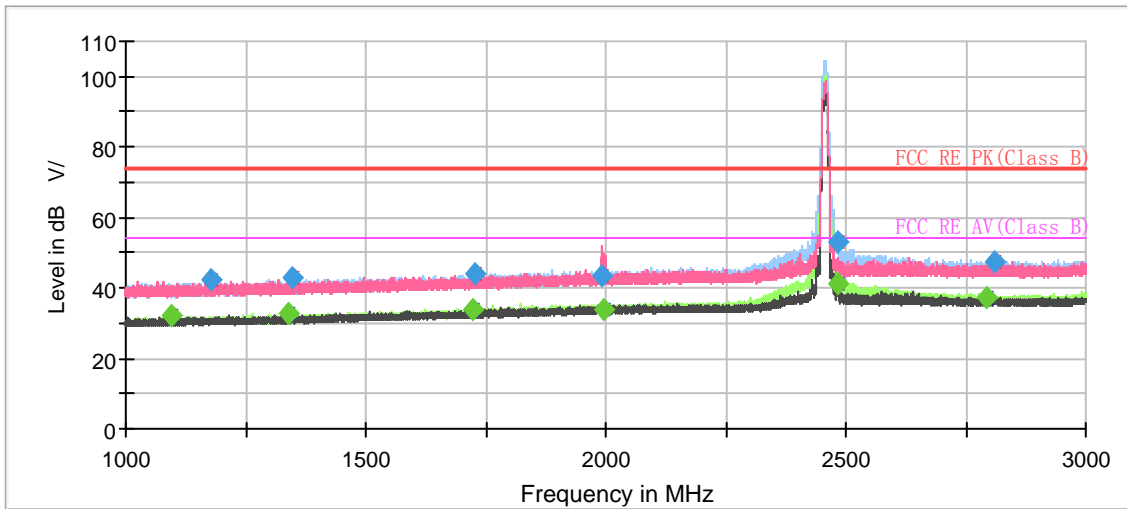
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3586.875000 | --- | 31.89 | 54.00 | 22.11 | 100.0 | V | 264.0 | -14.4 |
| 3993.750000 | 49.01 | --- | 74.00 | 24.99 | 100.0 | V | 312.0 | -13.3 |
| 4873.125000 | 55.86 | --- | 74.00 | 18.14 | 200.0 | V | 346.0 | -10.7 |
| 4873.125000 | --- | 52.05 | 54.00 | 1.95 | 200.0 | V | 346.0 | -10.7 |
| 6673.125000 | 48.31 | --- | 74.00 | 25.69 | 100.0 | V | 303.0 | -3.5 |
| 7308.750000 | --- | 37.92 | 54.00 | 16.08 | 100.0 | H | 230.0 | -4.4 |
| 9585.000000 | 50.01 | --- | 74.00 | 23.99 | 100.0 | V | 358.0 | -2.4 |
| 9748.125000 | --- | 39.80 | 54.00 | 14.20 | 100.0 | V | 274.0 | -2.4 |
| 12571.875000 | 53.22 | --- | 74.00 | 20.78 | 100.0 | V | 178.0 | 2.1 |
| 12573.750000 | --- | 41.98 | 54.00 | 12.02 | 200.0 | H | 358.0 | 2.1 |
| 15328.125000 | --- | 44.71 | 54.00 | 9.29 | 200.0 | V | 12.0 | 5.7 |
| 15401.250000 | 56.67 | --- | 74.00 | 17.33 | 200.0 | V | 161.0 | 5.6 |

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



802.11b CH10

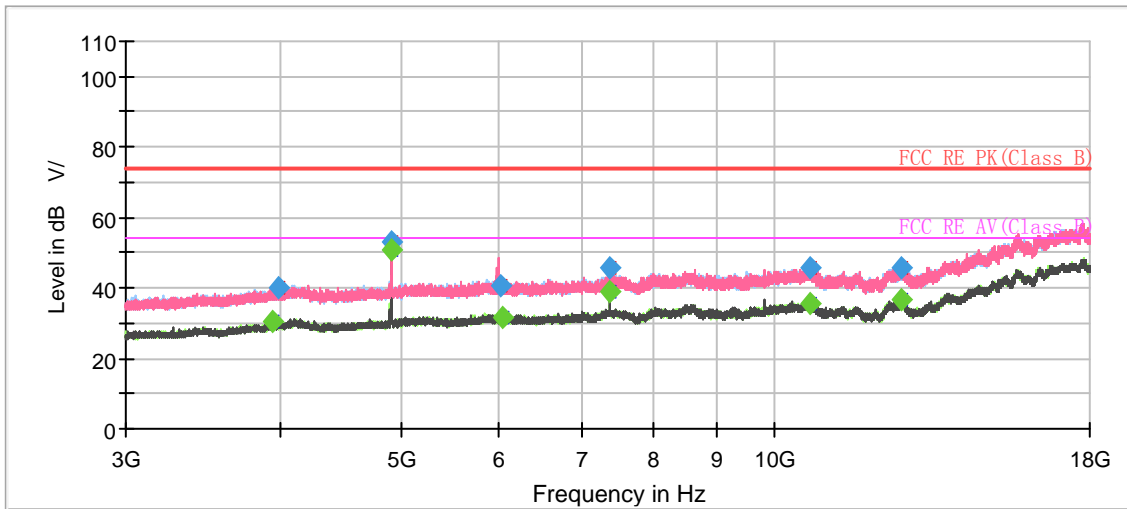


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μV/m) | Average (dB μV/m) | Limit (dB μV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|-------------------|-------------------|-----------------|-------------|-------------|-----|---------------|--------------|
| 1093.533333 | --- | 32.26 | 54.00 | 21.74 | 100.0 | H | 141.0 | -7.8 |
| 1176.533333 | 42.09 | --- | 74.00 | 31.91 | 100.0 | H | 53.0 | -7.4 |
| 1339.666667 | --- | 32.61 | 54.00 | 21.39 | 100.0 | H | 214.0 | -6.6 |
| 1346.000000 | 42.78 | --- | 74.00 | 31.22 | 200.0 | H | 294.0 | -6.5 |
| 1722.333333 | --- | 33.82 | 54.00 | 20.18 | 200.0 | H | 254.0 | -4.3 |
| 1726.800000 | 44.03 | --- | 74.00 | 29.97 | 100.0 | H | 117.0 | -4.3 |
| 1993.533333 | 43.45 | --- | 74.00 | 30.55 | 200.0 | H | 0.0 | -2.7 |
| 1997.000000 | --- | 34.12 | 54.00 | 19.88 | 200.0 | H | 317.0 | -2.7 |
| 2483.866667 | --- | 41.34 | 54.00 | 12.66 | 100.0 | V | 122.0 | -0.7 |
| 2484.000000 | 52.96 | --- | 74.00 | 21.04 | 100.0 | H | 173.0 | -0.7 |
| 2792.800000 | --- | 37.40 | 54.00 | 16.60 | 100.0 | H | 149.0 | 0.9 |
| 2810.400000 | 47.52 | --- | 74.00 | 26.48 | 100.0 | H | 0.0 | 1.0 |

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

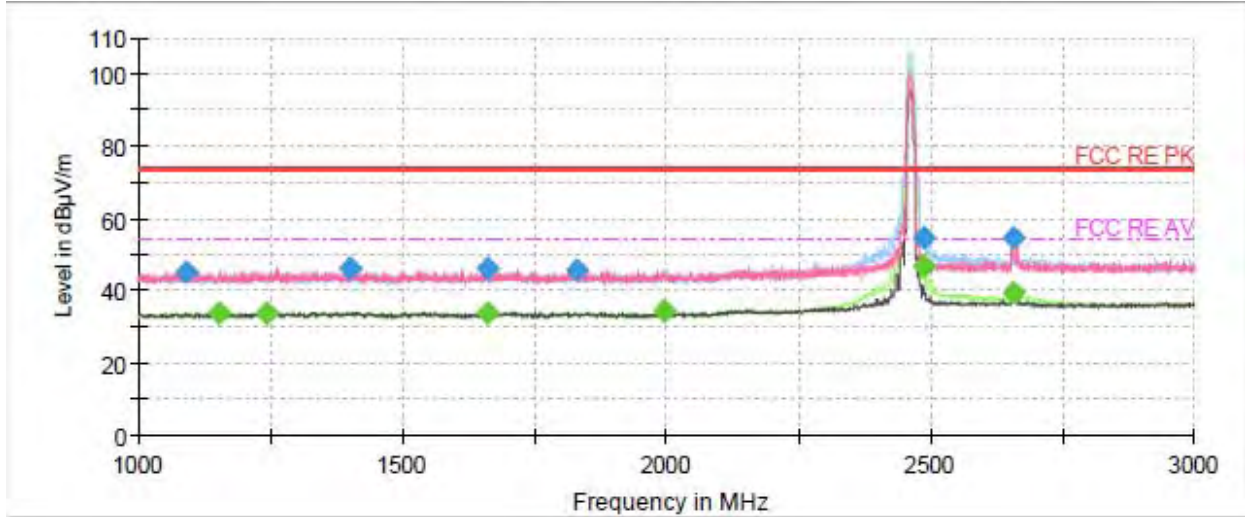


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3938.500000 | --- | 30.20 | 54.00 | 23.80 | 200.0 | V | 33.0 | -4.3 |
| 3986.500000 | 39.83 | --- | 74.00 | 34.17 | 200.0 | V | 0.0 | -3.9 |
| 4913.500000 | 52.77 | --- | 74.00 | 21.23 | 100.0 | H | 33.0 | -1.8 |
| 4913.500000 | --- | 50.74 | 54.00 | 3.26 | 100.0 | H | 33.0 | -1.8 |
| 6022.000000 | 40.75 | --- | 74.00 | 33.25 | 100.0 | H | 211.0 | -0.3 |
| 6035.500000 | --- | 31.73 | 54.00 | 22.27 | 200.0 | H | 61.0 | -0.4 |
| 7370.000000 | --- | 38.80 | 54.00 | 15.20 | 100.0 | H | 0.0 | 1.5 |
| 7370.000000 | 45.71 | --- | 74.00 | 28.29 | 100.0 | H | 0.0 | 1.5 |
| 10702.000000 | 45.42 | --- | 74.00 | 28.58 | 100.0 | V | 36.0 | 5.3 |
| 10706.000000 | --- | 35.66 | 54.00 | 18.34 | 200.0 | V | 203.0 | 5.3 |
| 12685.500000 | 45.69 | --- | 74.00 | 28.31 | 100.0 | H | 0.0 | 7.5 |
| 12698.000000 | --- | 36.49 | 54.00 | 17.51 | 200.0 | V | 87.0 | 7.5 |

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

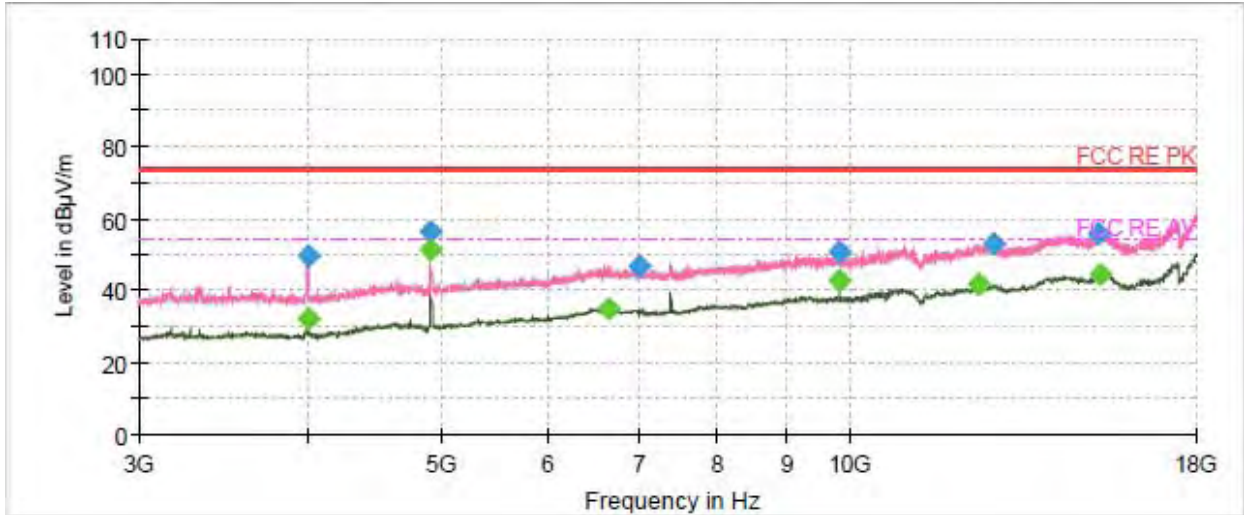
802.11b CH11



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1090.000000 | 45.08 | --- | 74.00 | 28.92 | 200.0 | V | 0.0 | -10.7 |
| 1153.250000 | --- | 33.89 | 54.00 | 20.11 | 200.0 | V | 2.0 | -10.4 |
| 1244.500000 | --- | 34.03 | 54.00 | 19.97 | 100.0 | V | 230.0 | -10.0 |
| 1402.000000 | 46.20 | --- | 74.00 | 27.80 | 100.0 | V | 255.0 | -9.5 |
| 1659.250000 | --- | 34.11 | 54.00 | 19.89 | 100.0 | H | 273.0 | -8.8 |
| 1660.500000 | 46.48 | --- | 74.00 | 27.52 | 200.0 | V | 33.0 | -8.8 |
| 1831.250000 | 45.93 | --- | 74.00 | 28.07 | 200.0 | H | 277.0 | -8.5 |
| 1995.500000 | --- | 34.18 | 54.00 | 19.82 | 100.0 | V | 332.0 | -8.2 |
| 2487.750000 | 54.69 | --- | 74.00 | 19.31 | 200.0 | H | 14.0 | -6.3 |
| 2488.000000 | --- | 47.04 | 54.00 | 6.96 | 200.0 | H | 6.0 | -6.3 |
| 2655.500000 | --- | 39.36 | 54.00 | 14.64 | 200.0 | V | 180.0 | -6.1 |
| 2655.750000 | 54.74 | --- | 74.00 | 19.26 | 100.0 | V | 297.0 | -6.1 |

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



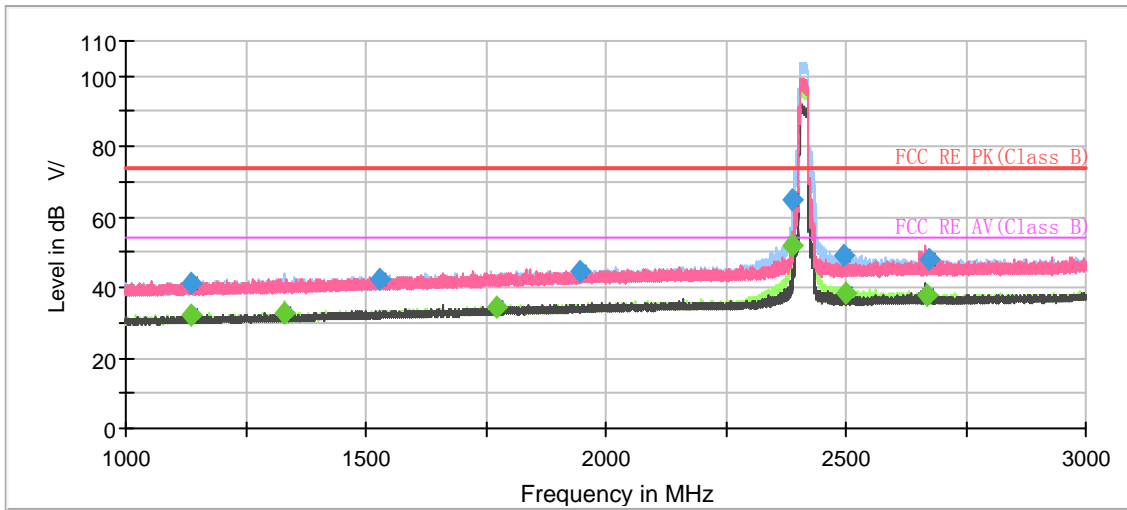
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3995.625000 | 49.60 | --- | 74.00 | 24.40 | 100.0 | H | 237.0 | -13.3 |
| 3997.500000 | --- | 32.26 | 54.00 | 21.74 | 100.0 | V | 71.0 | -13.3 |
| 4923.750000 | 56.68 | --- | 74.00 | 17.32 | 200.0 | V | 22.0 | -10.6 |
| 4923.750000 | --- | 51.37 | 54.00 | 2.63 | 200.0 | V | 22.0 | -10.6 |
| 6654.375000 | --- | 35.08 | 54.00 | 18.92 | 100.0 | V | 71.0 | -3.5 |
| 7006.875000 | 46.83 | --- | 74.00 | 27.17 | 100.0 | V | 258.0 | -3.9 |
| 9847.500000 | --- | 42.98 | 54.00 | 11.02 | 200.0 | V | 86.0 | -1.8 |
| 9847.500000 | 50.56 | --- | 74.00 | 23.44 | 100.0 | V | 81.0 | -1.8 |
| 12431.250000 | --- | 41.79 | 54.00 | 12.21 | 100.0 | H | 159.0 | 1.6 |
| 12776.250000 | 53.08 | --- | 74.00 | 20.92 | 100.0 | V | 186.0 | 2.2 |
| 15228.750000 | 55.84 | --- | 74.00 | 18.16 | 200.0 | H | 110.0 | 5.4 |
| 15328.125000 | --- | 44.77 | 54.00 | 9.23 | 200.0 | H | 178.0 | 5.7 |

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



802.11g CH1

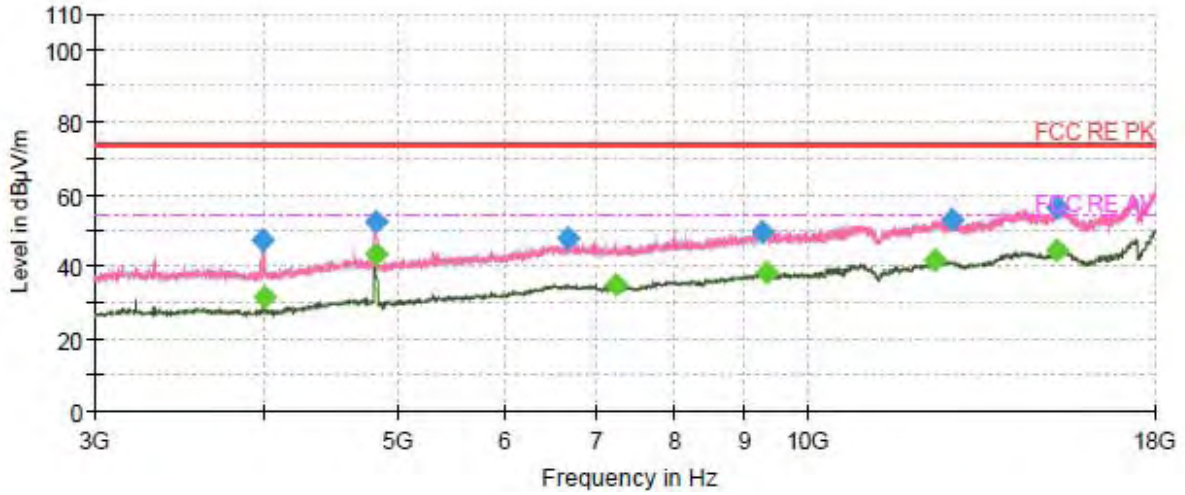


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1137.133333 | --- | 32.04 | 54.00 | 21.96 | 200.0 | H | 27.0 | -7.6 |
| 1137.266667 | 41.31 | --- | 74.00 | 32.69 | 200.0 | V | 357.0 | -7.6 |
| 1330.666667 | --- | 32.50 | 54.00 | 21.50 | 200.0 | H | 91.0 | -6.6 |
| 1529.066667 | 42.36 | --- | 74.00 | 31.64 | 100.0 | H | 298.0 | -5.4 |
| 1774.066667 | --- | 34.54 | 54.00 | 19.46 | 100.0 | V | 148.0 | -4.0 |
| 1947.400000 | 44.47 | --- | 74.00 | 29.53 | 200.0 | H | 83.0 | -3.0 |
| 2389.000000 | --- | 51.72 | 54.00 | 2.28 | 200.0 | H | 298.0 | -1.2 |
| 2389.000000 | 64.81 | --- | 74.00 | 9.19 | 200.0 | H | 298.0 | -1.2 |
| 2494.533333 | 48.99 | --- | 74.00 | 25.01 | 200.0 | H | 159.0 | -0.7 |
| 2500.933333 | --- | 38.56 | 54.00 | 15.44 | 100.0 | H | 290.0 | -0.6 |
| 2668.533333 | --- | 37.57 | 54.00 | 16.43 | 100.0 | H | 0.0 | 0.4 |
| 2674.466667 | 47.73 | --- | 74.00 | 26.27 | 100.0 | H | 71.0 | 0.5 |

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



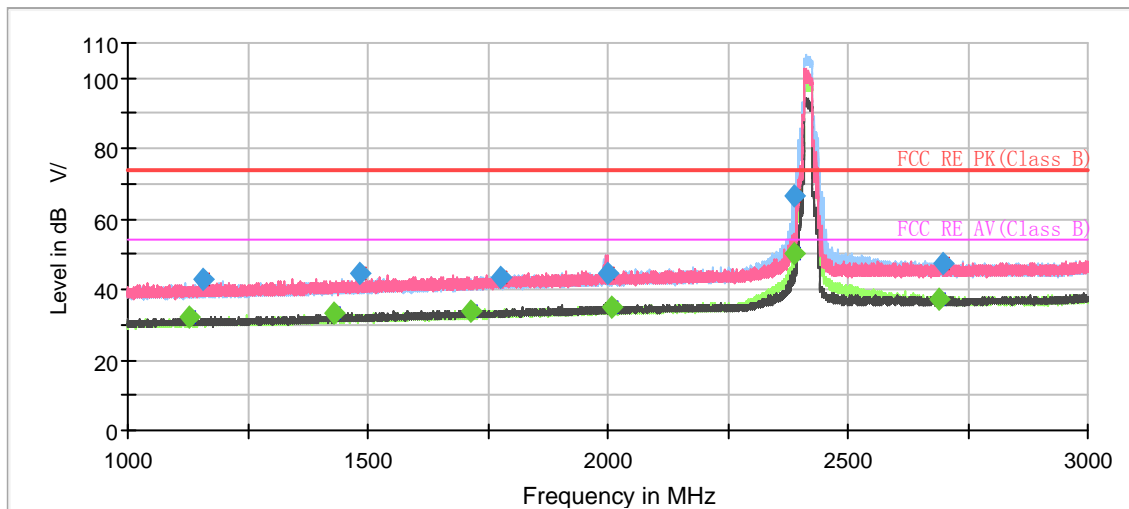
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3990.000000 | 47.15 | --- | 74.00 | 26.85 | 100.0 | V | 53.0 | -13.4 |
| 3999.375000 | --- | 31.49 | 54.00 | 22.51 | 100.0 | V | 198.0 | -13.3 |
| 4818.750000 | --- | 43.63 | 54.00 | 10.37 | 200.0 | V | 354.0 | -10.7 |
| 4828.125000 | 52.47 | --- | 74.00 | 21.53 | 200.0 | V | 345.0 | -10.7 |
| 6665.625000 | 47.68 | --- | 74.00 | 26.32 | 100.0 | V | 63.0 | -3.5 |
| 7231.875000 | --- | 35.19 | 54.00 | 18.81 | 200.0 | H | 354.0 | -4.6 |
| 9283.125000 | 49.79 | --- | 74.00 | 24.21 | 200.0 | V | 153.0 | -2.9 |
| 9350.625000 | --- | 38.50 | 54.00 | 15.50 | 200.0 | V | 16.0 | -2.7 |
| 12414.375000 | --- | 41.73 | 54.00 | 12.27 | 200.0 | V | 238.0 | 1.6 |
| 12795.000000 | 53.22 | --- | 74.00 | 20.78 | 100.0 | V | 237.0 | 2.1 |
| 15236.250000 | 56.50 | --- | 74.00 | 17.50 | 100.0 | H | 306.0 | 5.4 |
| 15241.875000 | --- | 44.80 | 54.00 | 9.20 | 100.0 | V | 139.0 | 5.4 |

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



802.11g CH2

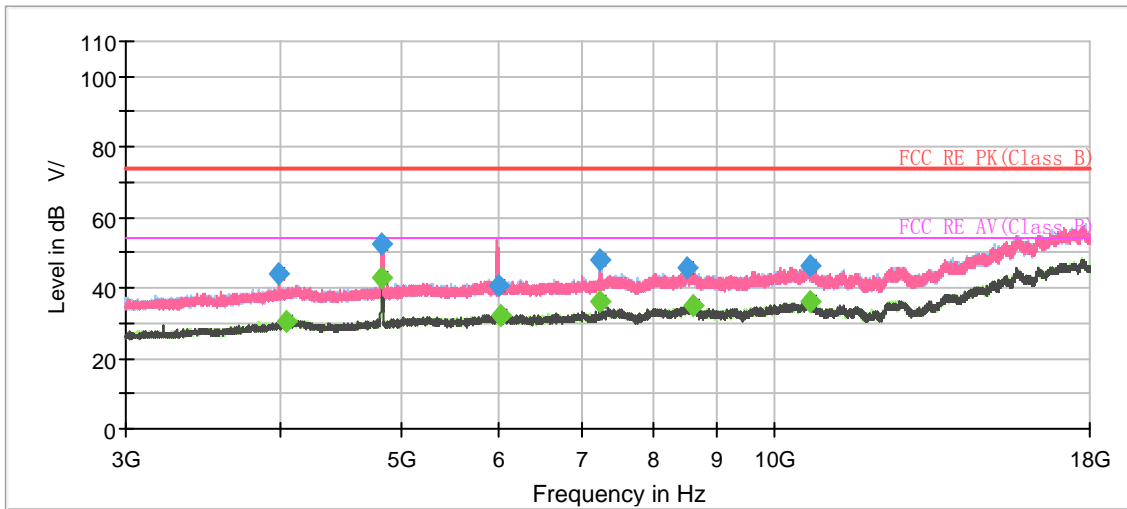


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1128.800000 | --- | 32.38 | 54.00 | 21.62 | 100.0 | V | 0.0 | -7.6 |
| 1157.733333 | 42.73 | --- | 74.00 | 31.27 | 200.0 | V | 245.0 | -7.5 |
| 1430.600000 | --- | 33.50 | 54.00 | 20.50 | 100.0 | V | 238.0 | -6.0 |
| 1482.266667 | 44.62 | --- | 74.00 | 29.38 | 200.0 | H | 320.0 | -5.7 |
| 1713.533333 | --- | 34.13 | 54.00 | 19.87 | 100.0 | V | 205.0 | -4.4 |
| 1778.133333 | 43.47 | --- | 74.00 | 30.53 | 200.0 | V | 212.0 | -4.0 |
| 2000.800000 | 44.63 | --- | 74.00 | 29.37 | 200.0 | H | 50.0 | -2.6 |
| 2007.400000 | --- | 34.91 | 54.00 | 19.09 | 200.0 | V | 122.0 | -2.6 |
| 2389.466667 | --- | 50.04 | 54.00 | 3.96 | 200.0 | H | 184.0 | -1.2 |
| 2389.800000 | 66.46 | --- | 74.00 | 7.54 | 200.0 | H | 89.0 | -1.2 |
| 2691.000000 | --- | 37.37 | 54.00 | 16.63 | 100.0 | H | 294.0 | 0.5 |
| 2696.600000 | 47.13 | --- | 74.00 | 26.87 | 200.0 | H | 192.0 | 0.5 |

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



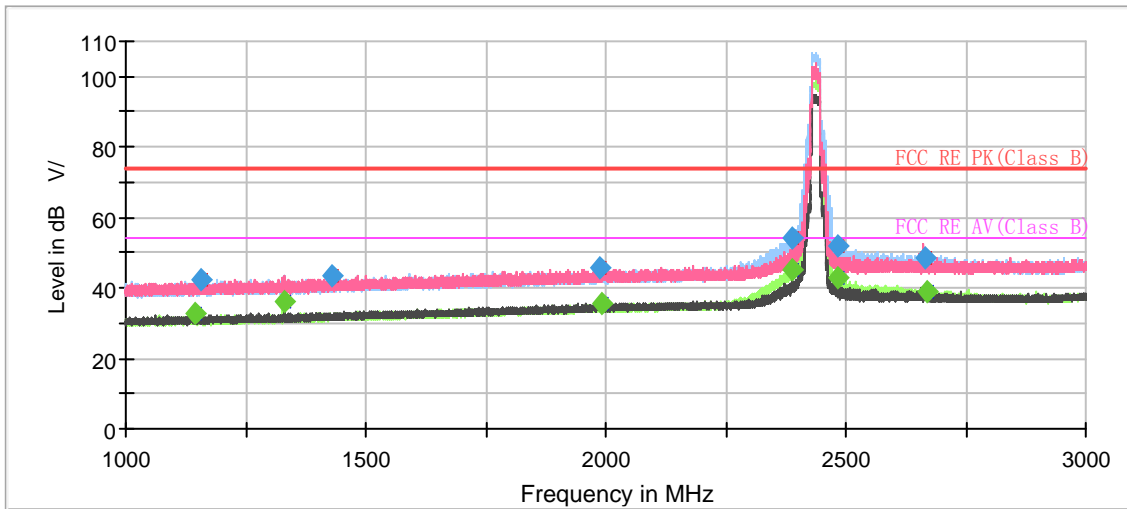
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3992.000000 | 44.11 | --- | 74.00 | 29.89 | 100.0 | V | 89.0 | -3.9 |
| 4038.500000 | --- | 30.50 | 54.00 | 23.50 | 200.0 | V | 264.0 | -3.6 |
| 4833.000000 | --- | 42.93 | 54.00 | 11.07 | 200.0 | V | 158.0 | -2.3 |
| 4835.500000 | 52.47 | --- | 74.00 | 21.53 | 200.0 | V | 158.0 | -2.3 |
| 6004.500000 | 40.64 | --- | 74.00 | 33.36 | 200.0 | H | 8.0 | -0.3 |
| 6030.000000 | --- | 32.35 | 54.00 | 21.65 | 200.0 | H | 121.0 | -0.4 |
| 7252.000000 | --- | 36.15 | 54.00 | 17.85 | 100.0 | H | 0.0 | 1.3 |
| 7252.000000 | 47.82 | --- | 74.00 | 26.18 | 100.0 | H | 0.0 | 1.3 |
| 8513.000000 | 45.72 | --- | 74.00 | 28.28 | 100.0 | H | 12.0 | 3.9 |
| 8626.500000 | --- | 35.20 | 54.00 | 18.80 | 100.0 | H | 88.0 | 3.8 |
| 10684.000000 | 46.02 | --- | 74.00 | 27.98 | 100.0 | H | 238.0 | 5.3 |
| 10703.000000 | --- | 36.27 | 54.00 | 17.73 | 100.0 | H | 325.0 | 5.3 |

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



802.11g CH6

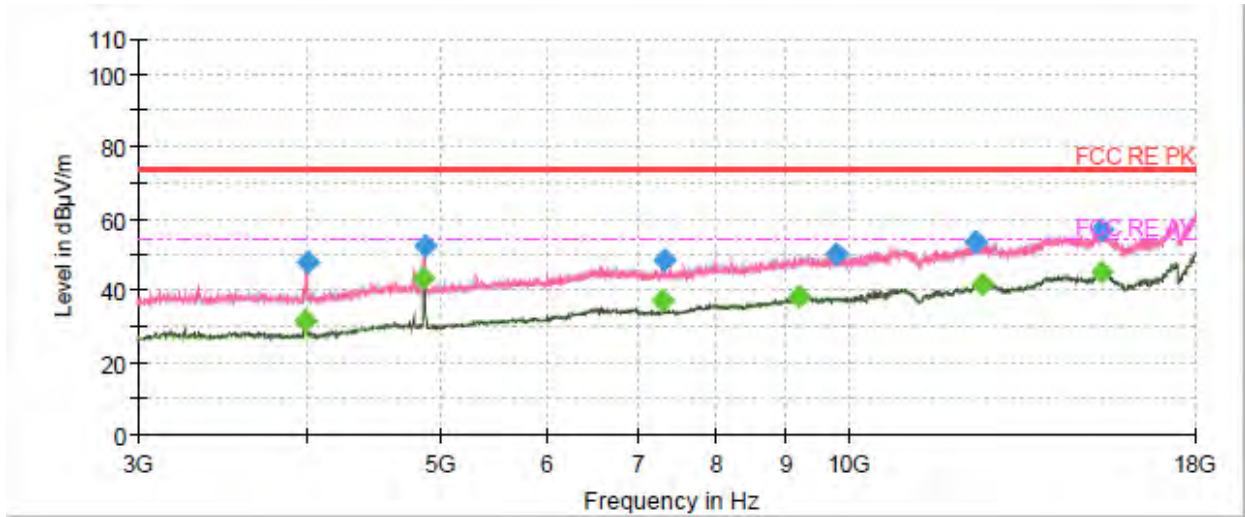


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1146.400000 | --- | 32.44 | 54.00 | 21.56 | 100.0 | V | 284.0 | -7.6 |
| 1158.666667 | 42.38 | --- | 74.00 | 31.62 | 200.0 | V | 274.0 | -7.5 |
| 1332.200000 | --- | 35.88 | 54.00 | 18.12 | 200.0 | H | 229.0 | -6.6 |
| 1431.466667 | 43.64 | --- | 74.00 | 30.36 | 200.0 | V | 80.0 | -6.0 |
| 1985.733333 | 45.78 | --- | 74.00 | 28.22 | 100.0 | V | 193.0 | -2.7 |
| 1989.800000 | --- | 35.57 | 54.00 | 18.43 | 200.0 | V | 218.0 | -2.7 |
| 2388.800000 | 54.31 | --- | 74.00 | 19.69 | 100.0 | H | 0.0 | -1.2 |
| 2389.000000 | --- | 44.86 | 54.00 | 9.14 | 200.0 | H | 122.0 | -1.2 |
| 2485.200000 | 52.01 | --- | 74.00 | 21.99 | 200.0 | H | 357.0 | -0.7 |
| 2485.533333 | --- | 42.65 | 54.00 | 11.35 | 100.0 | H | 0.0 | -0.7 |
| 2665.133333 | 48.37 | --- | 74.00 | 25.63 | 100.0 | V | 169.0 | 0.4 |
| 2670.533333 | --- | 38.65 | 54.00 | 15.35 | 100.0 | H | 304.0 | 0.4 |

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



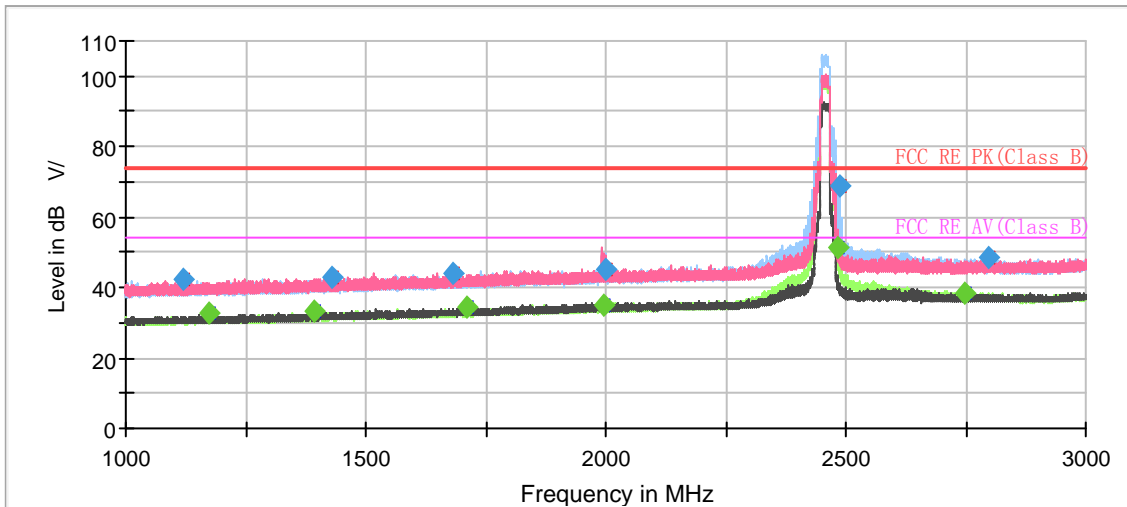
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3984.375000 | --- | 31.44 | 54.00 | 22.56 | 100.0 | V | 71.0 | -13.4 |
| 3997.500000 | 48.12 | --- | 74.00 | 25.88 | 100.0 | V | 71.0 | -13.3 |
| 4871.250000 | --- | 43.37 | 54.00 | 10.63 | 200.0 | V | 346.0 | -10.7 |
| 4875.000000 | 52.53 | --- | 74.00 | 21.47 | 200.0 | V | 346.0 | -10.7 |
| 7306.875000 | --- | 37.23 | 54.00 | 16.77 | 200.0 | H | 350.0 | -4.4 |
| 7308.750000 | 48.29 | --- | 74.00 | 25.71 | 200.0 | H | 350.0 | -4.4 |
| 9215.625000 | --- | 38.51 | 54.00 | 15.49 | 100.0 | H | 9.0 | -2.8 |
| 9789.375000 | 50.08 | --- | 74.00 | 23.92 | 100.0 | V | 356.0 | -2.1 |
| 12420.000000 | 53.35 | --- | 74.00 | 20.65 | 100.0 | H | 4.0 | 1.6 |
| 12541.875000 | --- | 41.61 | 54.00 | 12.39 | 100.0 | H | 107.0 | 2.0 |
| 15343.125000 | 57.20 | --- | 74.00 | 16.80 | 100.0 | V | 356.0 | 5.8 |
| 15376.875000 | --- | 45.02 | 54.00 | 8.98 | 100.0 | V | 185.0 | 5.7 |

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



802.11g CH10

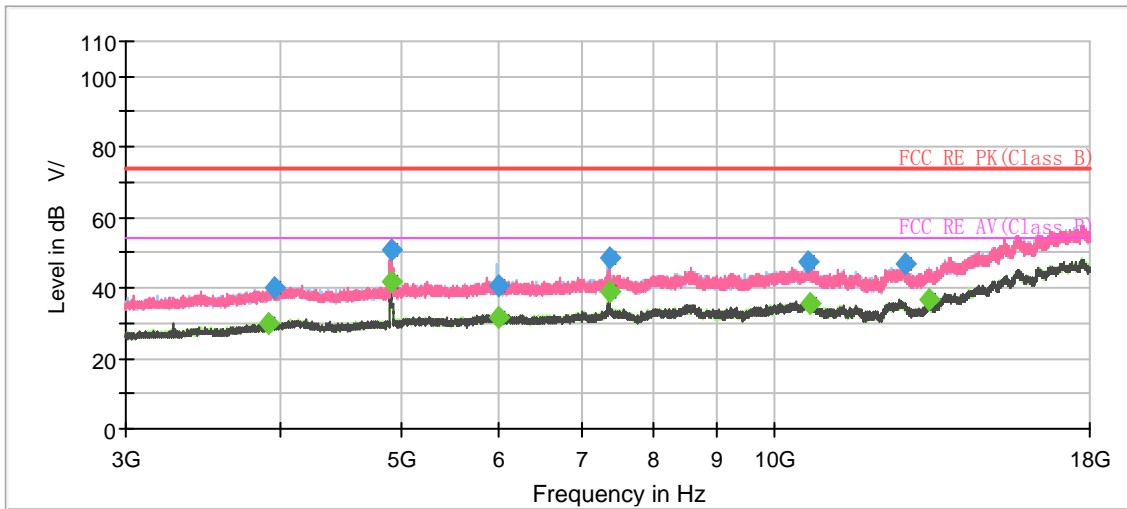


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1118.200000 | 42.12 | --- | 74.00 | 31.88 | 200.0 | H | 320.0 | -7.7 |
| 1173.066667 | --- | 32.49 | 54.00 | 21.51 | 100.0 | H | 346.0 | -7.4 |
| 1391.866667 | --- | 33.10 | 54.00 | 20.90 | 100.0 | H | 314.0 | -6.2 |
| 1430.866667 | 42.62 | --- | 74.00 | 31.38 | 100.0 | H | 314.0 | -6.0 |
| 1681.133333 | 44.26 | --- | 74.00 | 29.74 | 200.0 | V | 250.0 | -4.6 |
| 1710.933333 | --- | 34.19 | 54.00 | 19.81 | 200.0 | V | 242.0 | -4.4 |
| 1996.600000 | --- | 34.82 | 54.00 | 19.18 | 100.0 | H | 305.0 | -2.7 |
| 1999.133333 | 44.93 | --- | 74.00 | 29.07 | 100.0 | H | 23.0 | -2.7 |
| 2484.866667 | --- | 51.18 | 54.00 | 2.82 | 100.0 | H | 186.0 | -0.7 |
| 2486.533333 | 68.91 | --- | 74.00 | 5.09 | 100.0 | H | 186.0 | -0.7 |
| 2748.266667 | --- | 38.52 | 54.00 | 15.48 | 200.0 | H | 0.0 | 0.7 |
| 2798.200000 | 48.46 | --- | 74.00 | 25.54 | 100.0 | H | 353.0 | 0.9 |

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

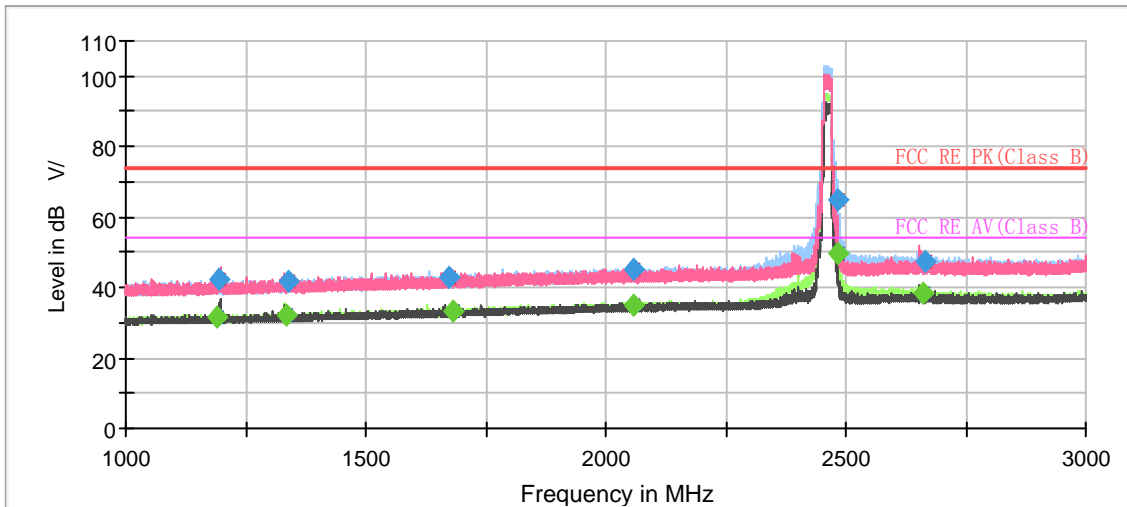


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3910.500000 | --- | 30.17 | 54.00 | 23.83 | 100.0 | H | 310.0 | -4.5 |
| 3955.500000 | 39.84 | --- | 74.00 | 34.16 | 200.0 | H | 78.0 | -4.2 |
| 4913.500000 | --- | 41.68 | 54.00 | 12.32 | 100.0 | V | 64.0 | -1.8 |
| 4914.500000 | 50.75 | --- | 74.00 | 23.25 | 100.0 | H | 35.0 | -1.8 |
| 6000.500000 | --- | 31.71 | 54.00 | 22.29 | 200.0 | V | 183.0 | -0.3 |
| 6004.000000 | 40.77 | --- | 74.00 | 33.23 | 100.0 | V | 100.0 | -0.3 |
| 7370.500000 | 48.31 | --- | 74.00 | 25.69 | 200.0 | H | 0.0 | 1.5 |
| 7372.000000 | --- | 38.74 | 54.00 | 15.26 | 100.0 | H | 0.0 | 1.5 |
| 10654.500000 | 47.20 | --- | 74.00 | 26.80 | 200.0 | V | 322.0 | 5.4 |
| 10692.000000 | --- | 35.69 | 54.00 | 18.31 | 100.0 | H | 89.0 | 5.3 |
| 12777.500000 | 46.97 | --- | 74.00 | 27.03 | 100.0 | V | 126.0 | 7.6 |
| 13334.500000 | --- | 36.41 | 54.00 | 17.59 | 100.0 | H | 345.0 | 8.7 |

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

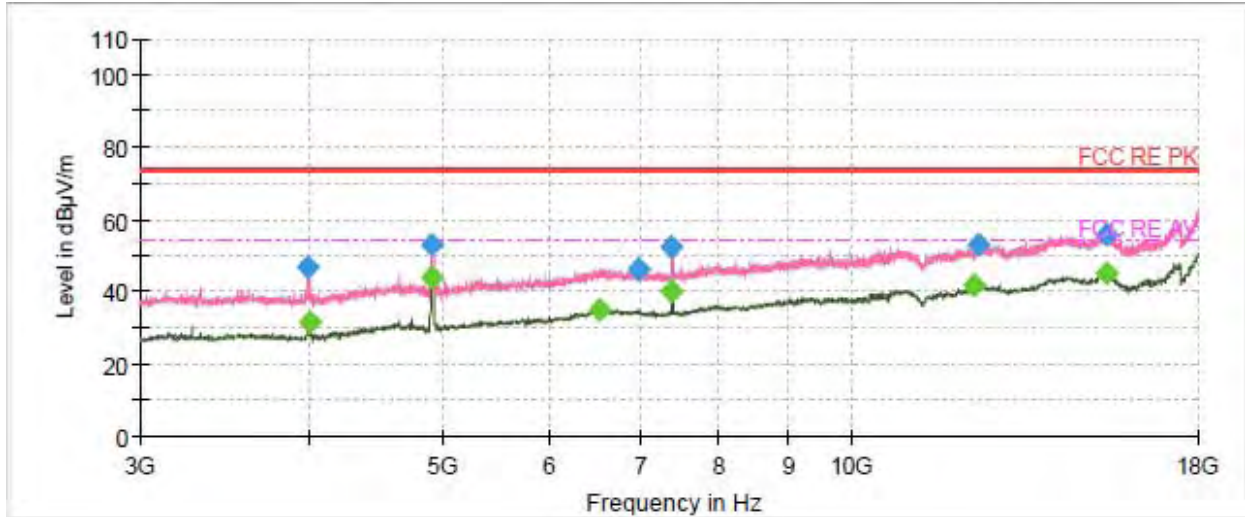
802.11g CH11



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1190.733333 | --- | 31.44 | 54.00 | 22.56 | 100.0 | H | 179.0 | -7.3 |
| 1193.866667 | 42.20 | --- | 74.00 | 31.80 | 100.0 | V | 0.0 | -7.3 |
| 1336.066667 | --- | 31.94 | 54.00 | 22.06 | 100.0 | H | 298.0 | -6.6 |
| 1340.400000 | 41.50 | --- | 74.00 | 32.50 | 100.0 | H | 218.0 | -6.6 |
| 1674.800000 | 42.64 | --- | 74.00 | 31.36 | 200.0 | H | 67.0 | -4.6 |
| 1681.466667 | --- | 33.47 | 54.00 | 20.53 | 100.0 | H | 187.0 | -4.6 |
| 2057.400000 | --- | 35.18 | 54.00 | 18.82 | 100.0 | V | 66.0 | -2.4 |
| 2059.000000 | 45.12 | --- | 74.00 | 28.88 | 200.0 | H | 221.0 | -2.4 |
| 2484.133333 | --- | 49.67 | 54.00 | 4.33 | 100.0 | H | 354.0 | -0.7 |
| 2484.733333 | 64.95 | --- | 74.00 | 9.05 | 200.0 | H | 0.0 | -0.7 |
| 2659.800000 | --- | 38.37 | 54.00 | 15.63 | 100.0 | H | 147.0 | 0.4 |
| 2665.800000 | 47.54 | --- | 74.00 | 26.46 | 200.0 | H | 312.0 | 0.4 |

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



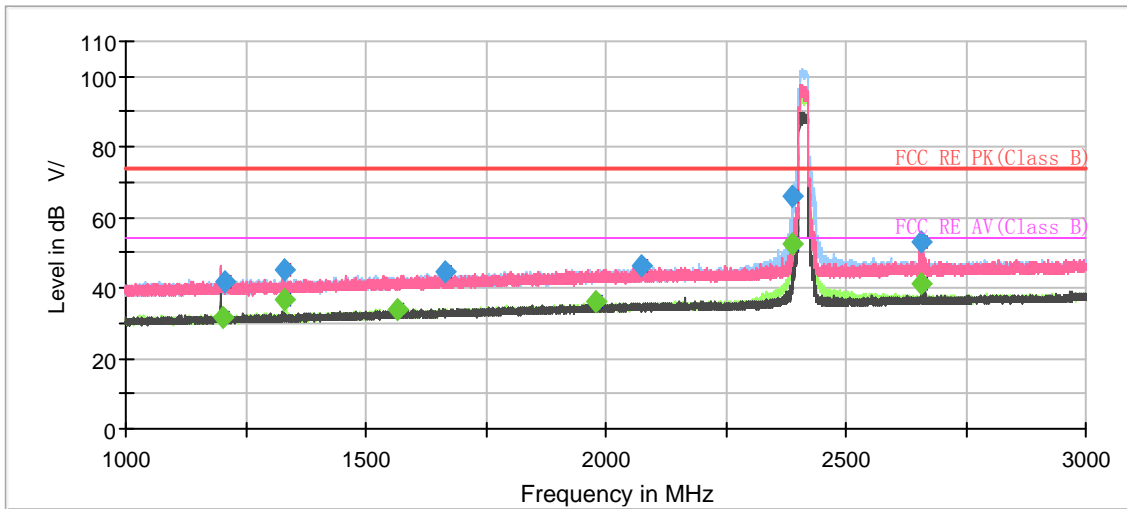
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3990.000000 | 47.00 | --- | 74.00 | 27.00 | 100.0 | H | 354.0 | -13.4 |
| 3993.750000 | --- | 31.51 | 54.00 | 22.49 | 200.0 | V | 6.0 | -13.3 |
| 4916.250000 | 53.01 | --- | 74.00 | 20.99 | 200.0 | V | 2.0 | -10.6 |
| 4923.750000 | --- | 43.93 | 54.00 | 10.07 | 200.0 | V | 20.0 | -10.6 |
| 6541.875000 | --- | 34.98 | 54.00 | 19.02 | 100.0 | V | 133.0 | -3.7 |
| 6976.875000 | 46.41 | --- | 74.00 | 27.59 | 200.0 | H | 209.0 | -3.8 |
| 7383.750000 | --- | 39.90 | 54.00 | 14.10 | 100.0 | H | 178.0 | -4.3 |
| 7383.750000 | 52.38 | --- | 74.00 | 21.62 | 100.0 | H | 178.0 | -4.3 |
| 12309.375000 | --- | 41.87 | 54.00 | 12.13 | 100.0 | H | 1.0 | 1.4 |
| 12393.750000 | 52.92 | --- | 74.00 | 21.08 | 100.0 | V | 278.0 | 1.5 |
| 15395.625000 | --- | 45.00 | 54.00 | 9.00 | 100.0 | H | 4.0 | 5.6 |
| 15410.625000 | 55.63 | --- | 74.00 | 18.37 | 100.0 | H | 44.0 | 5.6 |

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



802.11n (HT20) CH1

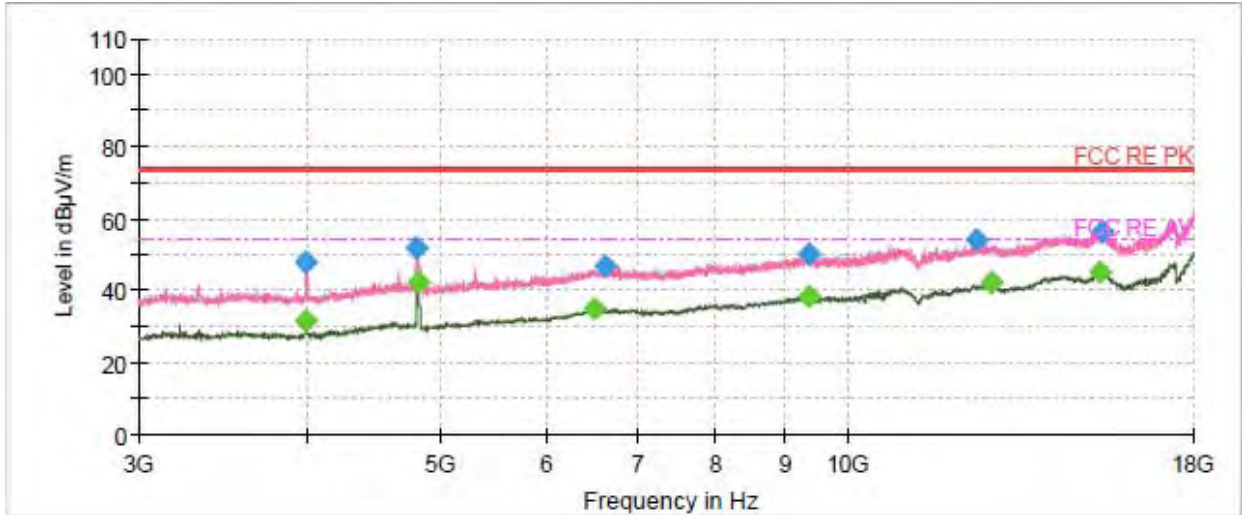


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1202.866667 | --- | 31.85 | 54.00 | 22.15 | 100.0 | V | 9.0 | -7.3 |
| 1208.066667 | 41.58 | --- | 74.00 | 32.42 | 200.0 | H | 0.0 | -7.3 |
| 1332.000000 | 45.03 | --- | 74.00 | 28.97 | 100.0 | H | 124.0 | -6.6 |
| 1332.000000 | --- | 36.40 | 54.00 | 17.60 | 100.0 | H | 124.0 | -6.6 |
| 1565.000000 | --- | 34.12 | 54.00 | 19.88 | 100.0 | V | 49.0 | -5.2 |
| 1666.733333 | 44.46 | --- | 74.00 | 29.54 | 200.0 | V | 168.0 | -4.7 |
| 1978.733333 | --- | 35.88 | 54.00 | 18.12 | 100.0 | V | 57.0 | -2.8 |
| 2073.600000 | 46.21 | --- | 74.00 | 27.79 | 200.0 | H | 244.0 | -2.4 |
| 2389.400000 | --- | 52.59 | 54.00 | 1.41 | 100.0 | H | 0.0 | -1.2 |
| 2389.533333 | 66.09 | --- | 74.00 | 7.91 | 100.0 | H | 356.0 | -1.2 |
| 2655.333333 | --- | 41.44 | 54.00 | 12.56 | 100.0 | V | 173.0 | 0.4 |
| 2656.000000 | 52.78 | --- | 74.00 | 21.22 | 100.0 | V | 173.0 | 0.4 |

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



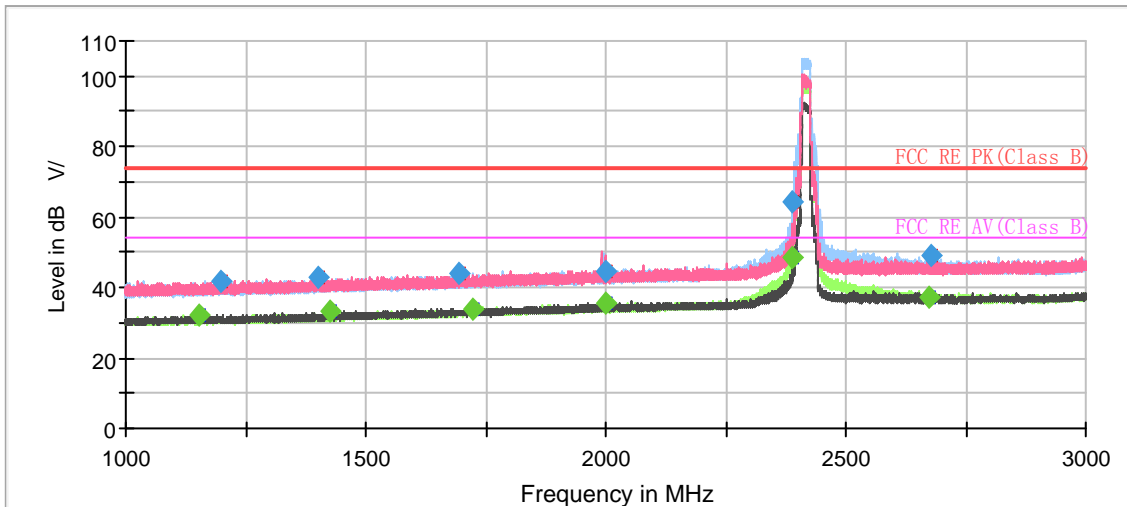
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3984.375000 | 47.75 | --- | 74.00 | 26.25 | 100.0 | H | 239.0 | -13.4 |
| 3990.000000 | --- | 31.45 | 54.00 | 22.55 | 100.0 | V | 198.0 | -13.4 |
| 4811.250000 | 51.88 | --- | 74.00 | 22.12 | 200.0 | V | 353.0 | -10.6 |
| 4824.375000 | --- | 42.15 | 54.00 | 11.85 | 200.0 | V | 353.0 | -10.7 |
| 6510.000000 | --- | 35.07 | 54.00 | 18.93 | 100.0 | H | 57.0 | -3.7 |
| 6639.375000 | 46.88 | --- | 74.00 | 27.12 | 100.0 | H | 181.0 | -3.5 |
| 9367.500000 | --- | 38.61 | 54.00 | 15.39 | 100.0 | V | 293.0 | -2.7 |
| 9373.125000 | 50.03 | --- | 74.00 | 23.97 | 200.0 | V | 8.0 | -2.7 |
| 12444.375000 | 53.91 | --- | 74.00 | 20.09 | 200.0 | H | 225.0 | 1.7 |
| 12795.000000 | --- | 42.13 | 54.00 | 11.87 | 200.0 | H | 359.0 | 2.1 |
| 15352.500000 | --- | 45.02 | 54.00 | 8.98 | 100.0 | H | 307.0 | 5.8 |
| 15391.875000 | 56.60 | --- | 74.00 | 17.40 | 100.0 | H | 7.0 | 5.7 |

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



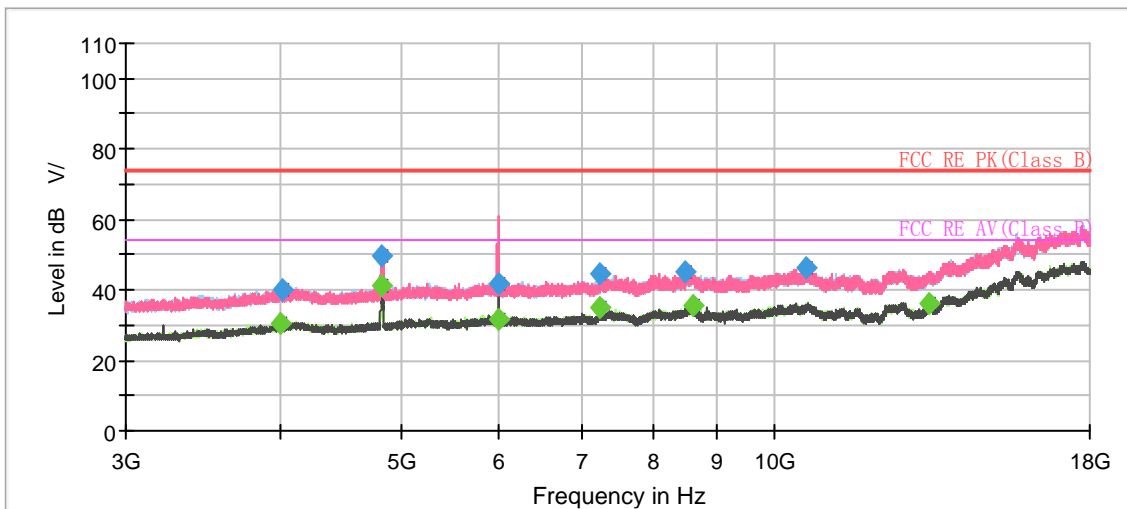
802.11n (HT20) CH2



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1151.600000 | --- | 32.00 | 54.00 | 22.00 | 200.0 | V | 104.0 | -7.5 |
| 1196.866667 | 41.94 | --- | 74.00 | 32.06 | 100.0 | H | 248.0 | -7.3 |
| 1402.533333 | 43.00 | --- | 74.00 | 31.00 | 200.0 | V | 321.0 | -6.1 |
| 1427.133333 | --- | 33.04 | 54.00 | 20.96 | 200.0 | V | 281.0 | -6.0 |
| 1695.200000 | 44.16 | --- | 74.00 | 29.84 | 200.0 | V | 191.0 | -4.5 |
| 1724.400000 | --- | 34.02 | 54.00 | 19.98 | 200.0 | V | 176.0 | -4.3 |
| 1999.133333 | 44.50 | --- | 74.00 | 29.50 | 100.0 | V | 9.0 | -2.7 |
| 2000.133333 | --- | 35.32 | 54.00 | 18.68 | 100.0 | V | 357.0 | -2.7 |
| 2388.533333 | --- | 48.52 | 54.00 | 5.48 | 200.0 | H | 186.0 | -1.2 |
| 2389.133333 | 64.40 | --- | 74.00 | 9.60 | 100.0 | H | 87.0 | -1.2 |
| 2672.133333 | --- | 37.27 | 54.00 | 16.73 | 100.0 | H | 167.0 | 0.4 |
| 2676.400000 | 48.83 | --- | 74.00 | 25.17 | 200.0 | H | 82.0 | 0.5 |

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

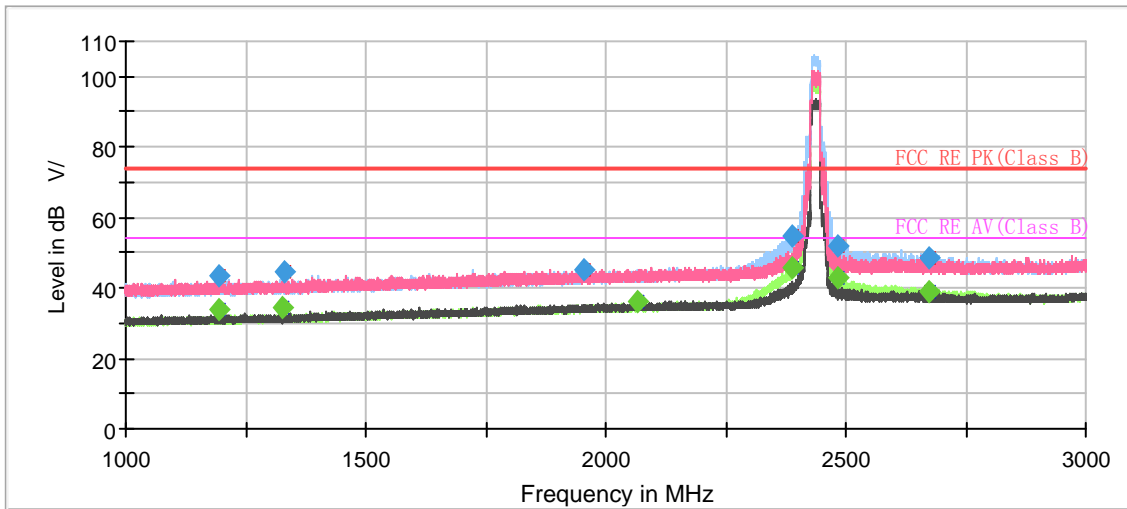


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3996.000000 | --- | 30.54 | 54.00 | 23.46 | 200.0 | H | 282.0 | -3.9 |
| 4010.500000 | 40.30 | --- | 74.00 | 33.70 | 100.0 | V | 35.0 | -3.8 |
| 4825.500000 | 49.59 | --- | 74.00 | 24.41 | 200.0 | V | 159.0 | -2.4 |
| 4833.500000 | --- | 41.26 | 54.00 | 12.74 | 200.0 | V | 147.0 | -2.3 |
| 6008.000000 | 41.59 | --- | 74.00 | 32.41 | 200.0 | H | 43.0 | -0.3 |
| 6009.000000 | --- | 31.72 | 54.00 | 22.28 | 200.0 | H | 0.0 | -0.3 |
| 7249.500000 | --- | 34.80 | 54.00 | 19.20 | 100.0 | H | 1.0 | 1.3 |
| 7249.500000 | 44.35 | --- | 74.00 | 29.65 | 100.0 | H | 1.0 | 1.3 |
| 8498.000000 | 44.99 | --- | 74.00 | 29.01 | 100.0 | V | 123.0 | 3.8 |
| 8617.500000 | --- | 35.72 | 54.00 | 18.28 | 100.0 | H | 282.0 | 3.8 |
| 10642.000000 | 46.41 | --- | 74.00 | 27.59 | 200.0 | H | 17.0 | 5.4 |
| 13343.000000 | --- | 36.22 | 54.00 | 17.78 | 200.0 | V | 320.0 | 8.7 |

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

802.11n (HT20) CH6

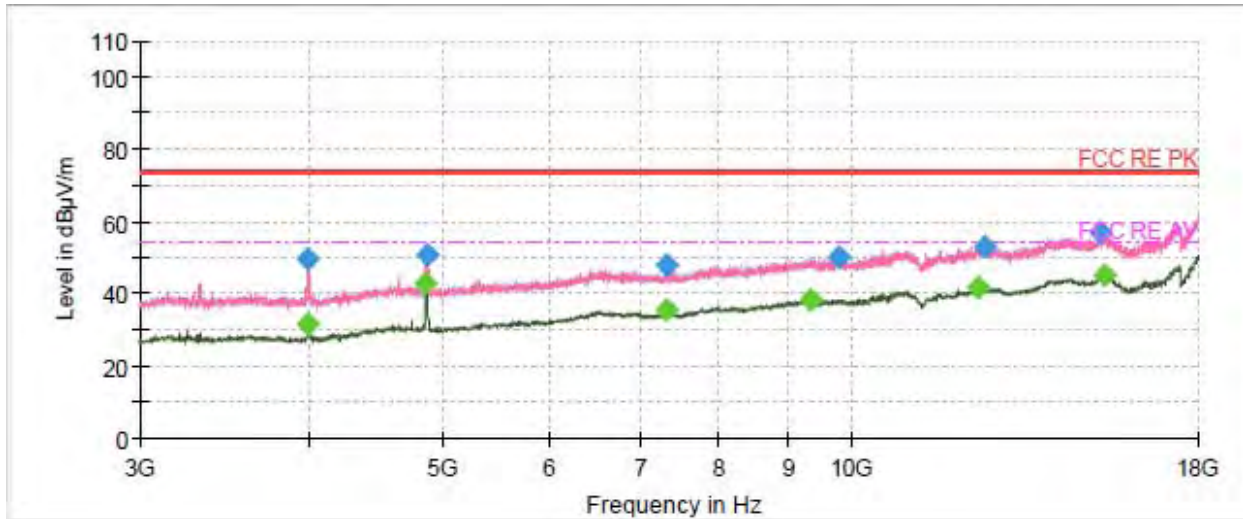


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1194.800000 | --- | 33.95 | 54.00 | 20.05 | 200.0 | V | 7.0 | -7.3 |
| 1195.000000 | 43.18 | --- | 74.00 | 30.82 | 200.0 | V | 7.0 | -7.3 |
| 1328.133333 | --- | 34.54 | 54.00 | 19.46 | 100.0 | V | 337.0 | -6.6 |
| 1328.533333 | 44.47 | --- | 74.00 | 29.53 | 200.0 | H | 237.0 | -6.6 |
| 1952.600000 | 45.37 | --- | 74.00 | 28.63 | 200.0 | H | 74.0 | -3.0 |
| 2065.200000 | --- | 36.03 | 54.00 | 17.97 | 100.0 | H | 106.0 | -2.4 |
| 2388.200000 | --- | 45.87 | 54.00 | 8.13 | 200.0 | H | 138.0 | -1.2 |
| 2388.200000 | 54.65 | --- | 74.00 | 19.35 | 200.0 | H | 138.0 | -1.2 |
| 2485.200000 | --- | 42.83 | 54.00 | 11.17 | 200.0 | H | 3.0 | -0.7 |
| 2485.333333 | 51.66 | --- | 74.00 | 22.34 | 100.0 | H | 139.0 | -0.7 |
| 2674.133333 | 48.28 | --- | 74.00 | 25.72 | 100.0 | H | 196.0 | 0.5 |
| 2675.000000 | --- | 39.03 | 54.00 | 14.97 | 100.0 | H | 64.0 | 0.5 |

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



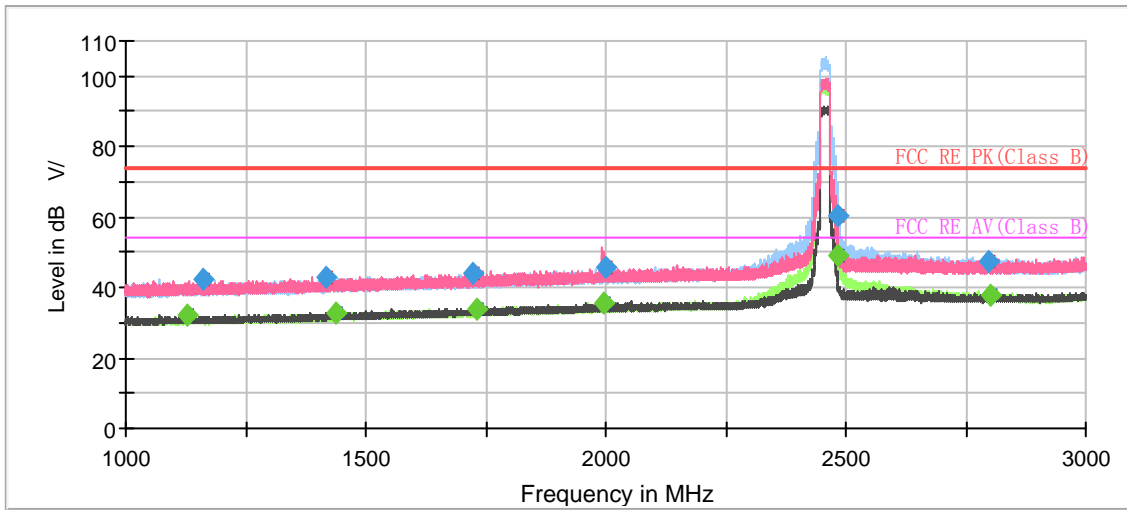
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3988.125000 | --- | 31.71 | 54.00 | 22.29 | 100.0 | V | 72.0 | -13.4 |
| 3990.000000 | 49.39 | --- | 74.00 | 24.61 | 100.0 | H | 229.0 | -13.4 |
| 4869.375000 | --- | 42.95 | 54.00 | 11.05 | 200.0 | V | 354.0 | -10.7 |
| 4880.625000 | 50.81 | --- | 74.00 | 23.19 | 200.0 | V | 346.0 | -10.7 |
| 7310.625000 | --- | 35.66 | 54.00 | 18.34 | 100.0 | H | 181.0 | -4.4 |
| 7316.250000 | 47.80 | --- | 74.00 | 26.20 | 200.0 | H | 352.0 | -4.4 |
| 9346.875000 | --- | 38.57 | 54.00 | 15.43 | 100.0 | H | 190.0 | -2.7 |
| 9802.500000 | 50.14 | --- | 74.00 | 23.86 | 200.0 | H | 0.0 | -2.0 |
| 12393.750000 | --- | 41.97 | 54.00 | 12.03 | 100.0 | V | 82.0 | 1.5 |
| 12541.875000 | 53.22 | --- | 74.00 | 20.78 | 100.0 | H | 28.0 | 2.0 |
| 15251.250000 | 56.70 | --- | 74.00 | 17.30 | 100.0 | H | 14.0 | 5.5 |
| 15354.375000 | --- | 45.03 | 54.00 | 8.97 | 100.0 | H | 14.0 | 5.8 |

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



802.11n (HT20) CH10

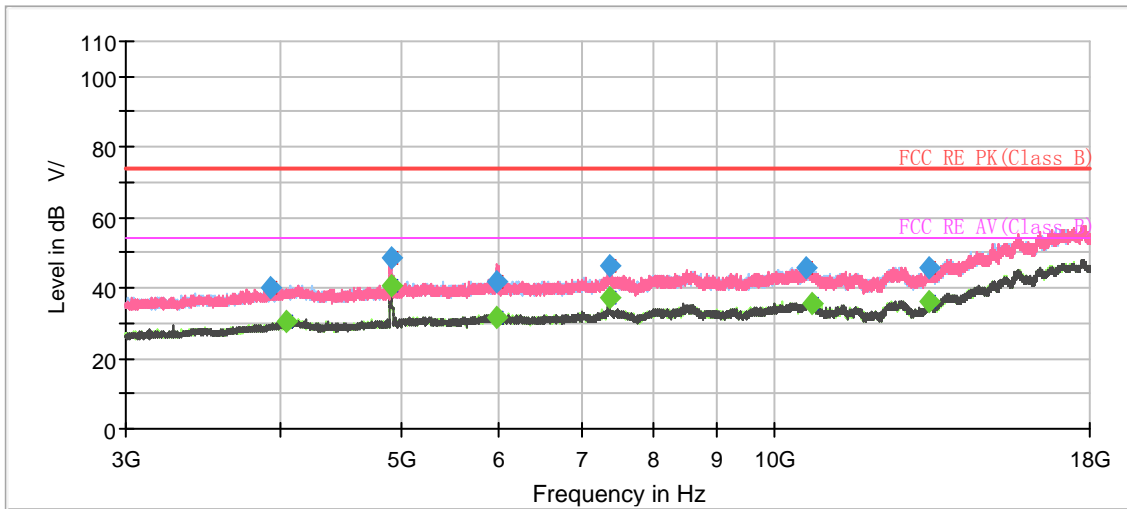


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1129.666667 | --- | 31.90 | 54.00 | 22.10 | 200.0 | H | 313.0 | -7.6 |
| 1162.200000 | 42.42 | --- | 74.00 | 31.58 | 100.0 | H | 36.0 | -7.5 |
| 1415.333333 | 42.96 | --- | 74.00 | 31.04 | 100.0 | V | 113.0 | -6.1 |
| 1437.333333 | --- | 32.87 | 54.00 | 21.13 | 100.0 | H | 219.0 | -5.9 |
| 1721.733333 | 43.97 | --- | 74.00 | 30.03 | 200.0 | V | 18.0 | -4.3 |
| 1730.600000 | --- | 34.01 | 54.00 | 19.99 | 100.0 | V | 130.0 | -4.3 |
| 1994.533333 | --- | 35.31 | 54.00 | 18.69 | 200.0 | H | 220.0 | -2.7 |
| 1999.933333 | 45.71 | --- | 74.00 | 28.29 | 200.0 | H | 19.0 | -2.7 |
| 2483.666667 | --- | 48.82 | 54.00 | 5.18 | 100.0 | H | 168.0 | -0.7 |
| 2483.733333 | 60.50 | --- | 74.00 | 13.50 | 200.0 | H | 99.0 | -0.7 |
| 2798.666667 | 47.14 | --- | 74.00 | 26.86 | 200.0 | H | 0.0 | 0.9 |
| 2801.133333 | --- | 37.96 | 54.00 | 16.04 | 200.0 | H | 0.0 | 0.9 |

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



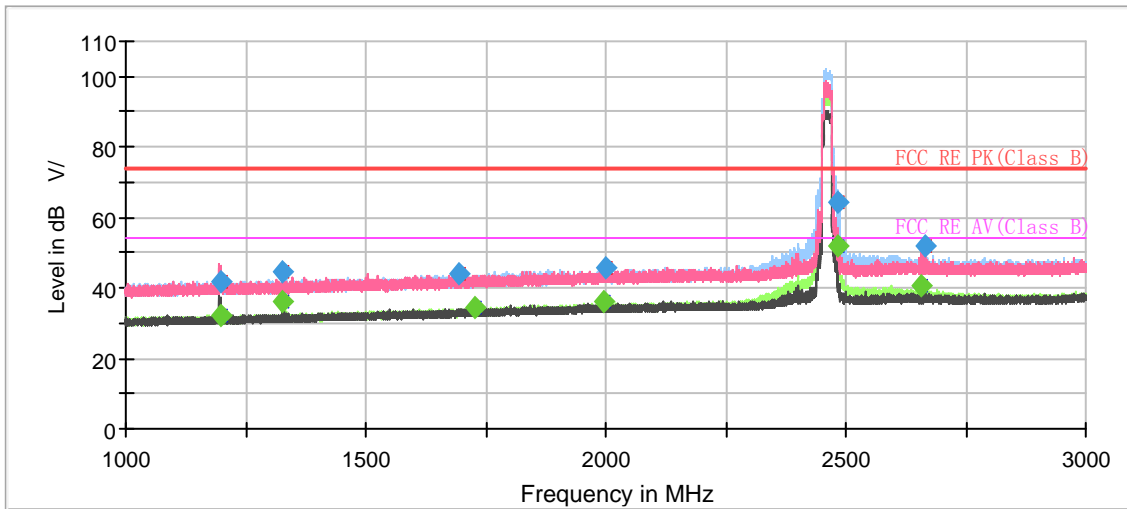
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3930.500000 | 39.92 | --- | 74.00 | 34.08 | 100.0 | H | 192.0 | -4.3 |
| 4041.000000 | --- | 30.35 | 54.00 | 23.65 | 100.0 | H | 340.0 | -3.6 |
| 4913.000000 | --- | 40.58 | 54.00 | 13.42 | 100.0 | V | 209.0 | -1.9 |
| 4918.500000 | 48.57 | --- | 74.00 | 25.43 | 100.0 | H | 102.0 | -1.8 |
| 5971.000000 | --- | 31.33 | 54.00 | 22.67 | 200.0 | H | 11.0 | -0.3 |
| 5985.500000 | 41.75 | --- | 74.00 | 32.25 | 100.0 | V | 105.0 | -0.3 |
| 7363.500000 | --- | 37.38 | 54.00 | 16.62 | 100.0 | H | 357.0 | 1.5 |
| 7382.500000 | 46.31 | --- | 74.00 | 27.69 | 100.0 | H | 7.0 | 1.5 |
| 10622.500000 | 45.63 | --- | 74.00 | 28.37 | 100.0 | H | 67.0 | 5.5 |
| 10738.500000 | --- | 35.74 | 54.00 | 18.26 | 200.0 | H | 126.0 | 5.2 |
| 13337.500000 | --- | 36.35 | 54.00 | 17.65 | 100.0 | V | 62.0 | 8.7 |
| 13348.000000 | 45.94 | --- | 74.00 | 28.06 | 200.0 | V | 316.0 | 8.7 |

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



802.11n (HT20) CH11

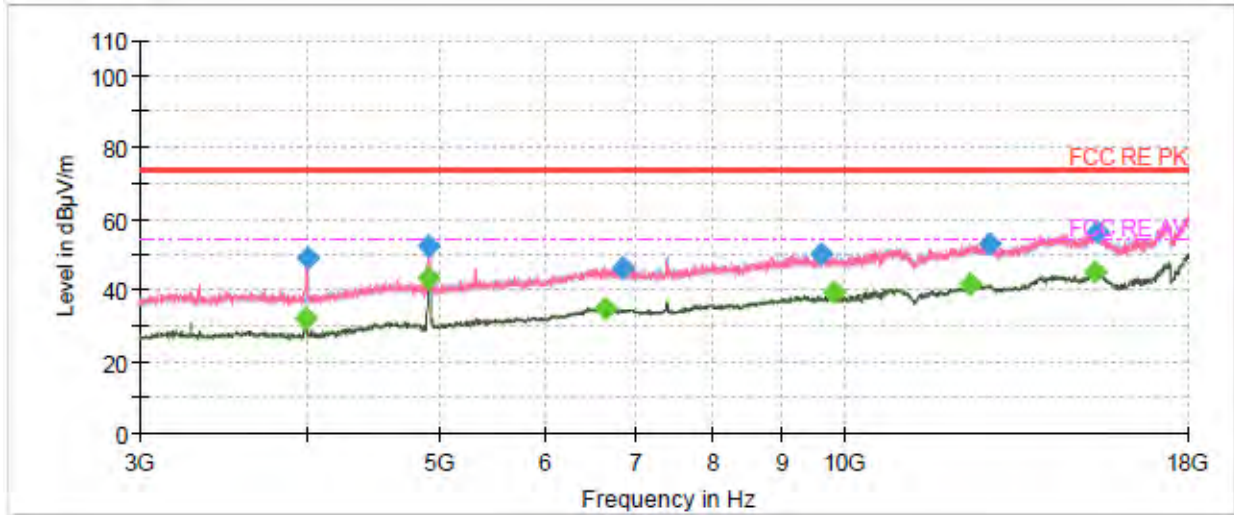


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1200.066667 | --- | 32.43 | 54.00 | 21.57 | 200.0 | H | 127.0 | -7.3 |
| 1200.200000 | 41.77 | --- | 74.00 | 32.23 | 100.0 | V | 0.0 | -7.3 |
| 1327.933333 | 44.34 | --- | 74.00 | 29.66 | 100.0 | H | 123.0 | -6.6 |
| 1327.933333 | --- | 36.30 | 54.00 | 17.70 | 100.0 | H | 123.0 | -6.6 |
| 1693.666667 | 43.83 | --- | 74.00 | 30.17 | 100.0 | H | 40.0 | -4.5 |
| 1726.400000 | --- | 34.23 | 54.00 | 19.77 | 100.0 | V | 49.0 | -4.3 |
| 1997.466667 | --- | 36.31 | 54.00 | 17.69 | 100.0 | V | 42.0 | -2.7 |
| 1998.800000 | 45.90 | --- | 74.00 | 28.10 | 100.0 | V | 1.0 | -2.7 |
| 2483.866667 | 64.24 | --- | 74.00 | 9.76 | 200.0 | H | 8.0 | -0.7 |
| 2484.200000 | --- | 51.83 | 54.00 | 2.17 | 200.0 | H | 0.0 | -0.7 |
| 2656.866667 | --- | 40.43 | 54.00 | 13.57 | 100.0 | V | 214.0 | 0.4 |
| 2665.733333 | 51.76 | --- | 74.00 | 22.24 | 200.0 | V | 166.0 | 0.4 |

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



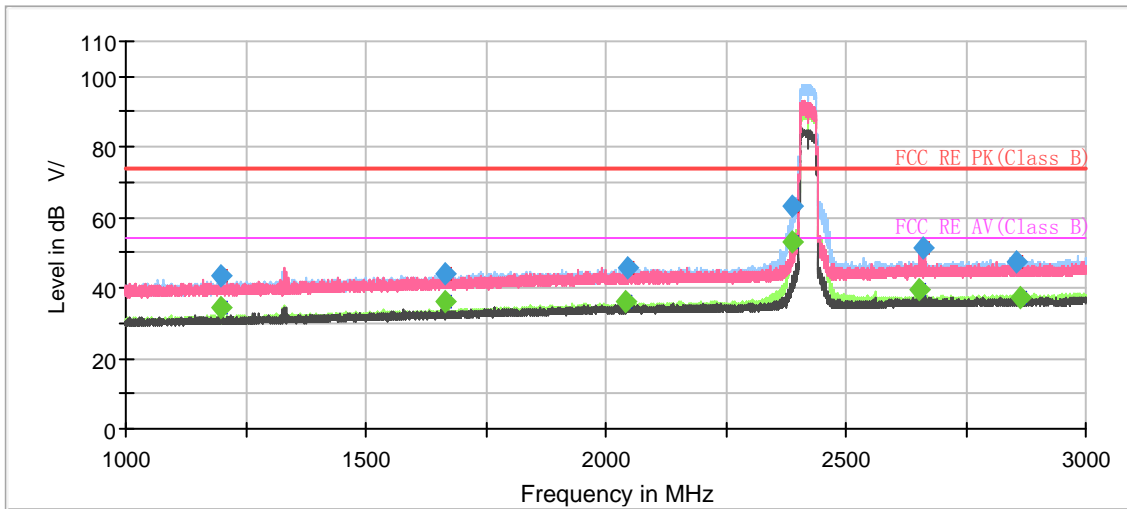
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3982.500000 | --- | 31.88 | 54.00 | 22.12 | 100.0 | V | 1.0 | -13.4 |
| 3993.750000 | 49.25 | --- | 74.00 | 24.75 | 100.0 | H | 227.0 | -13.3 |
| 4923.750000 | 52.50 | --- | 74.00 | 21.50 | 200.0 | V | 24.0 | -10.6 |
| 4923.750000 | --- | 43.54 | 54.00 | 10.46 | 200.0 | V | 24.0 | -10.6 |
| 6660.000000 | --- | 35.15 | 54.00 | 18.85 | 100.0 | V | 306.0 | -3.5 |
| 6862.500000 | 46.35 | --- | 74.00 | 27.65 | 200.0 | V | 69.0 | -3.8 |
| 9624.375000 | 50.26 | --- | 74.00 | 23.74 | 200.0 | H | 273.0 | -2.3 |
| 9849.375000 | --- | 39.26 | 54.00 | 14.74 | 200.0 | V | 97.0 | -1.8 |
| 12405.000000 | --- | 41.66 | 54.00 | 12.34 | 200.0 | V | 12.0 | 1.6 |
| 12823.125000 | 53.25 | --- | 74.00 | 20.75 | 200.0 | H | 292.0 | 2.1 |
| 15346.875000 | --- | 44.87 | 54.00 | 9.13 | 200.0 | H | 283.0 | 5.8 |
| 15421.875000 | 56.55 | --- | 74.00 | 17.45 | 100.0 | H | 84.0 | 5.5 |

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



802.11n (HT40) CH3

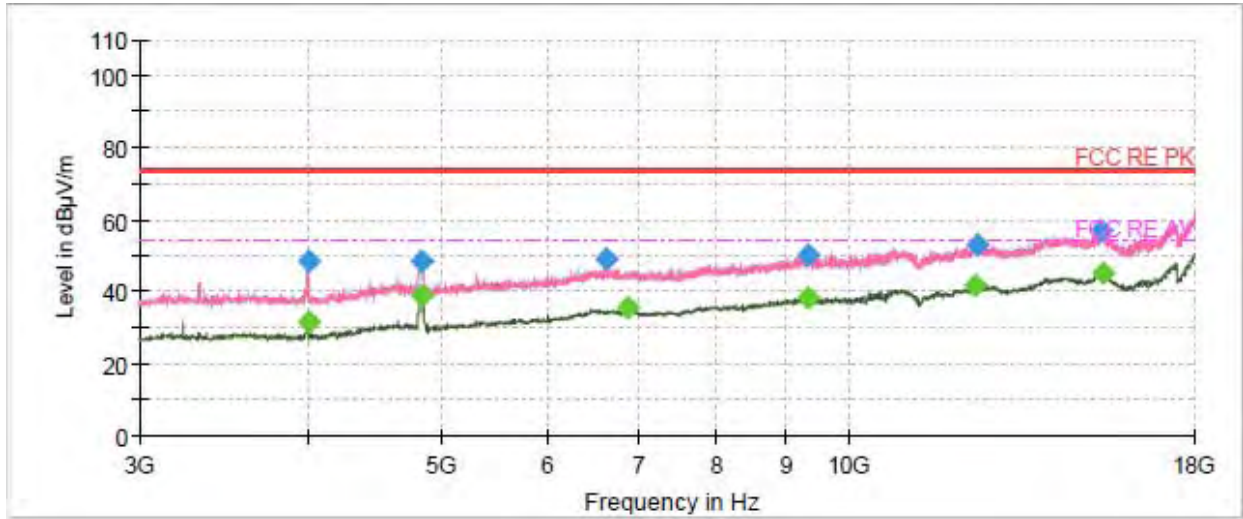


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1197.400000 | 43.52 | --- | 74.00 | 30.48 | 200.0 | V | 7.0 | -7.3 |
| 1198.400000 | --- | 34.55 | 54.00 | 19.45 | 200.0 | V | 184.0 | -7.3 |
| 1665.266667 | 44.15 | --- | 74.00 | 29.85 | 100.0 | V | 208.0 | -4.7 |
| 1665.266667 | --- | 36.22 | 54.00 | 17.78 | 100.0 | V | 208.0 | -4.7 |
| 2042.866667 | --- | 35.84 | 54.00 | 18.16 | 100.0 | H | 121.0 | -2.5 |
| 2044.333333 | 45.92 | --- | 74.00 | 28.08 | 100.0 | H | 162.0 | -2.5 |
| 2387.866667 | 63.24 | --- | 74.00 | 10.76 | 100.0 | H | 0.0 | -1.2 |
| 2388.266667 | --- | 53.13 | 54.00 | 0.87 | 200.0 | H | 139.0 | -1.2 |
| 2654.666667 | --- | 39.24 | 54.00 | 14.76 | 100.0 | V | 175.0 | 0.4 |
| 2660.933333 | 51.33 | --- | 74.00 | 22.67 | 200.0 | V | 176.0 | 0.4 |
| 2855.866667 | 47.17 | --- | 74.00 | 26.83 | 200.0 | H | 313.0 | 1.1 |
| 2864.266667 | --- | 37.11 | 54.00 | 16.89 | 200.0 | H | 187.0 | 1.1 |

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



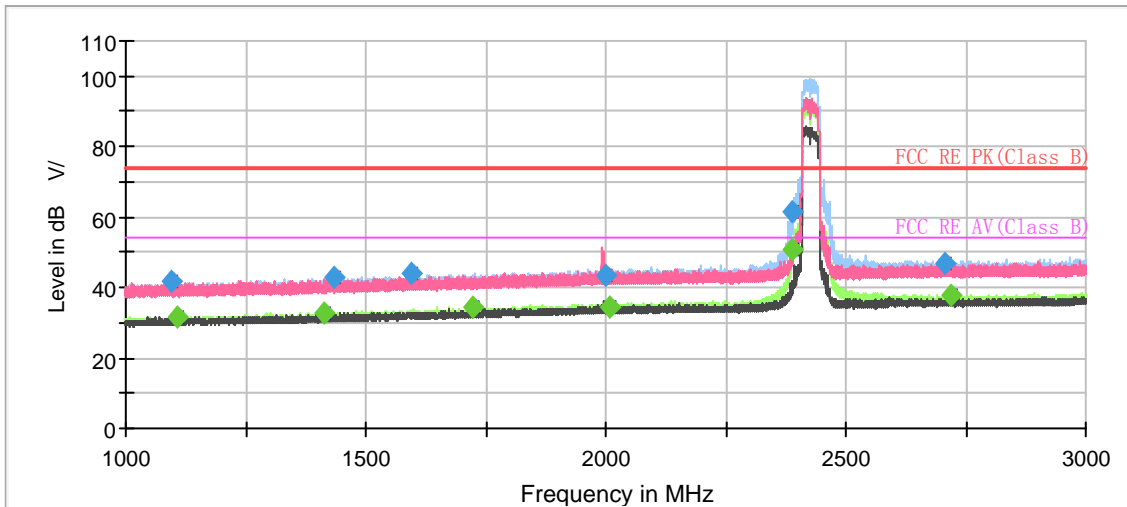
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3997.500000 | --- | 31.66 | 54.00 | 22.34 | 100.0 | V | 63.0 | -13.3 |
| 3999.375000 | 48.61 | --- | 74.00 | 25.39 | 100.0 | V | 63.0 | -13.3 |
| 4837.500000 | --- | 39.12 | 54.00 | 14.88 | 200.0 | V | 5.0 | -10.7 |
| 4848.750000 | 48.39 | --- | 74.00 | 25.61 | 200.0 | V | 345.0 | -10.7 |
| 6635.625000 | 48.93 | --- | 74.00 | 25.07 | 200.0 | V | 246.0 | -3.5 |
| 6886.875000 | --- | 35.28 | 54.00 | 18.72 | 200.0 | V | 314.0 | -3.8 |
| 9346.875000 | --- | 38.55 | 54.00 | 15.45 | 200.0 | H | 167.0 | -2.7 |
| 9348.750000 | 50.40 | --- | 74.00 | 23.60 | 100.0 | H | 9.0 | -2.7 |
| 12395.625000 | --- | 41.82 | 54.00 | 12.18 | 100.0 | V | 275.0 | 1.5 |
| 12435.000000 | 53.08 | --- | 74.00 | 20.92 | 100.0 | V | 358.0 | 1.7 |
| 15350.625000 | 56.73 | --- | 74.00 | 17.27 | 100.0 | H | 82.0 | 5.8 |
| 15412.500000 | --- | 45.08 | 54.00 | 8.92 | 100.0 | V | 275.0 | 5.6 |

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



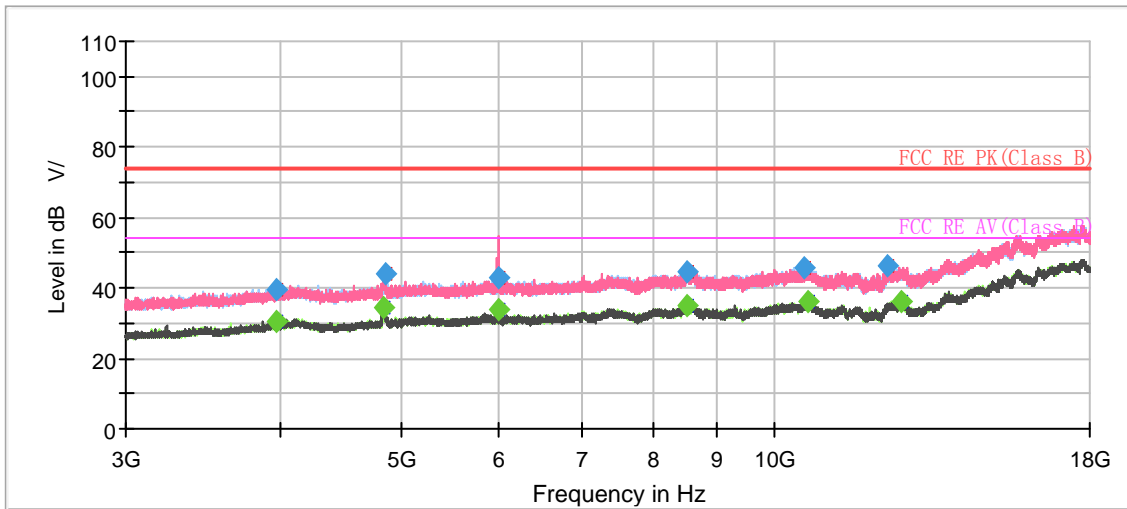
802.11n (HT40) CH4



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1093.733333 | 41.58 | --- | 74.00 | 32.42 | 100.0 | H | 36.0 | -7.8 |
| 1109.333333 | --- | 31.86 | 54.00 | 22.14 | 200.0 | H | 17.0 | -7.7 |
| 1412.000000 | --- | 32.99 | 54.00 | 21.01 | 200.0 | H | 104.0 | -6.1 |
| 1433.866667 | 42.95 | --- | 74.00 | 31.05 | 100.0 | H | 311.0 | -6.0 |
| 1595.800000 | 43.82 | --- | 74.00 | 30.18 | 200.0 | H | 119.0 | -5.1 |
| 1724.133333 | --- | 34.32 | 54.00 | 19.69 | 200.0 | H | 202.0 | -4.3 |
| 1999.866667 | 43.62 | --- | 74.00 | 30.38 | 100.0 | H | 342.0 | -2.7 |
| 2009.533333 | --- | 34.15 | 54.00 | 19.85 | 100.0 | H | 133.0 | -2.6 |
| 2388.266667 | 61.76 | --- | 74.00 | 12.24 | 200.0 | H | 88.0 | -1.2 |
| 2388.333333 | --- | 51.01 | 54.00 | 2.99 | 100.0 | H | 182.0 | -1.2 |
| 2708.133333 | 46.93 | --- | 74.00 | 27.07 | 200.0 | H | 33.0 | 0.6 |
| 2720.066667 | --- | 37.61 | 54.00 | 16.39 | 200.0 | H | 119.0 | 0.6 |

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



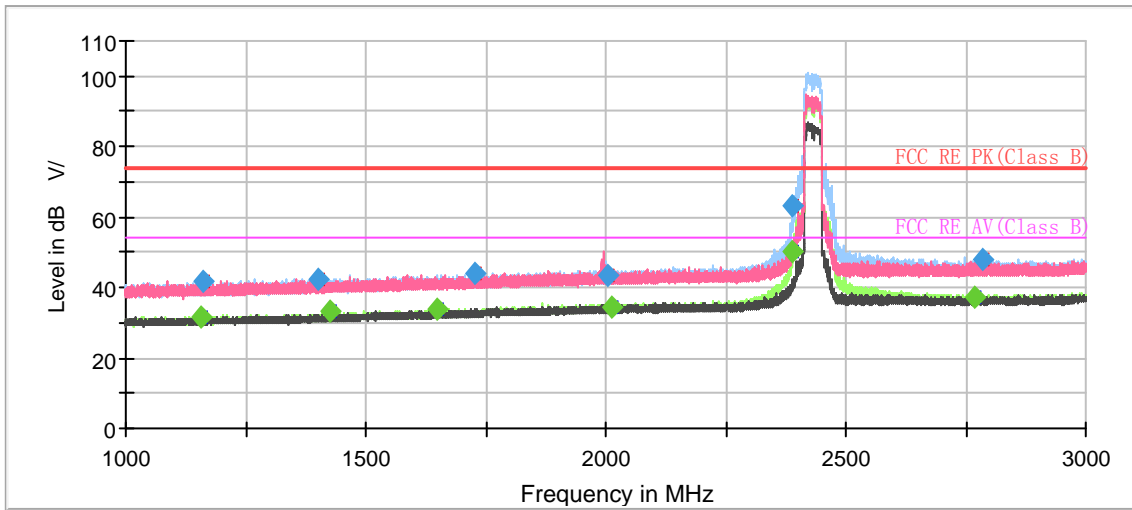
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3975.500000 | --- | 30.53 | 54.00 | 23.47 | 200.0 | V | 229.0 | -4.0 |
| 3977.000000 | 39.75 | --- | 74.00 | 34.25 | 200.0 | H | 253.0 | -4.0 |
| 4852.500000 | --- | 34.67 | 54.00 | 19.33 | 200.0 | V | 159.0 | -2.2 |
| 4857.500000 | 43.76 | --- | 74.00 | 30.24 | 200.0 | V | 159.0 | -2.2 |
| 5999.500000 | 42.62 | --- | 74.00 | 31.38 | 100.0 | H | 98.0 | -0.3 |
| 5999.500000 | --- | 33.83 | 54.00 | 20.17 | 100.0 | V | 272.0 | -0.3 |
| 8501.000000 | 44.66 | --- | 74.00 | 29.34 | 100.0 | V | 25.0 | 3.8 |
| 8519.000000 | --- | 35.16 | 54.00 | 18.84 | 100.0 | V | 93.0 | 3.9 |
| 10580.000000 | 45.61 | --- | 74.00 | 28.39 | 100.0 | H | 336.0 | 5.5 |
| 10664.000000 | --- | 36.35 | 54.00 | 17.65 | 100.0 | V | 59.0 | 5.4 |
| 12342.500000 | 46.22 | --- | 74.00 | 27.78 | 100.0 | V | 272.0 | 6.7 |
| 12671.000000 | --- | 35.84 | 54.00 | 18.16 | 200.0 | H | 113.0 | 7.4 |

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



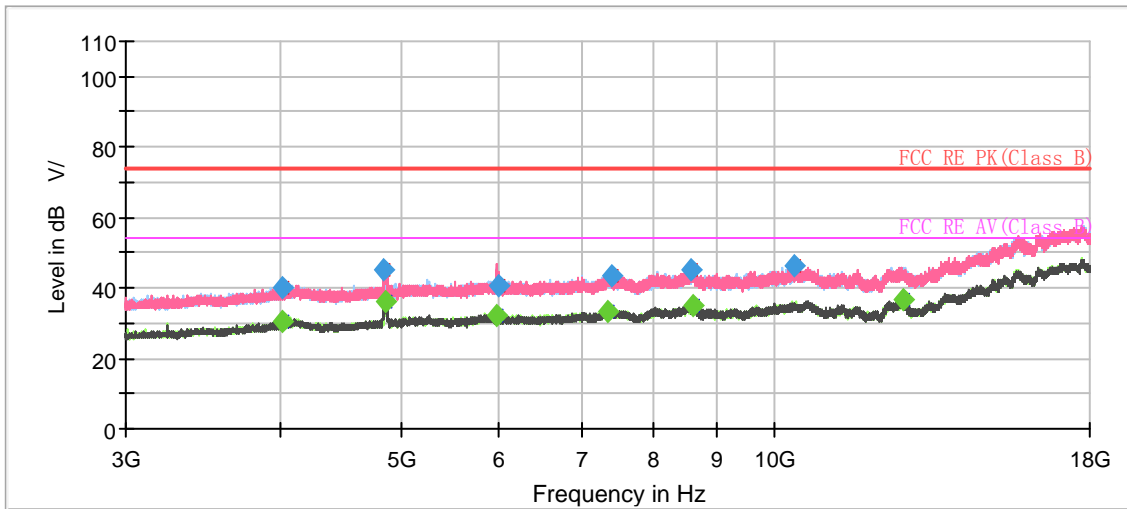
802.11n (HT40) CH5



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1156.400000 | --- | 31.83 | 54.00 | 22.17 | 100.0 | H | 0.0 | -7.5 |
| 1161.666667 | 41.59 | --- | 74.00 | 32.41 | 200.0 | H | 27.0 | -7.5 |
| 1400.333333 | 42.53 | --- | 74.00 | 31.47 | 200.0 | H | 16.0 | -6.2 |
| 1425.866667 | --- | 33.28 | 54.00 | 20.72 | 200.0 | H | 104.0 | -6.0 |
| 1646.733333 | --- | 34.11 | 54.00 | 19.89 | 100.0 | V | 21.0 | -4.8 |
| 1728.066667 | 44.26 | --- | 74.00 | 29.74 | 200.0 | V | 218.0 | -4.3 |
| 2005.866667 | 43.62 | --- | 74.00 | 30.38 | 200.0 | H | 312.0 | -2.6 |
| 2014.333333 | --- | 34.33 | 54.00 | 19.67 | 200.0 | H | 334.0 | -2.6 |
| 2389.133333 | 63.31 | --- | 74.00 | 10.69 | 200.0 | H | 89.0 | -1.2 |
| 2389.933333 | --- | 50.32 | 54.00 | 3.68 | 200.0 | H | 89.0 | -1.2 |
| 2768.133333 | --- | 37.16 | 54.00 | 16.84 | 200.0 | H | 136.0 | 0.8 |
| 2785.800000 | 48.01 | --- | 74.00 | 25.99 | 100.0 | H | 268.0 | 0.9 |

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



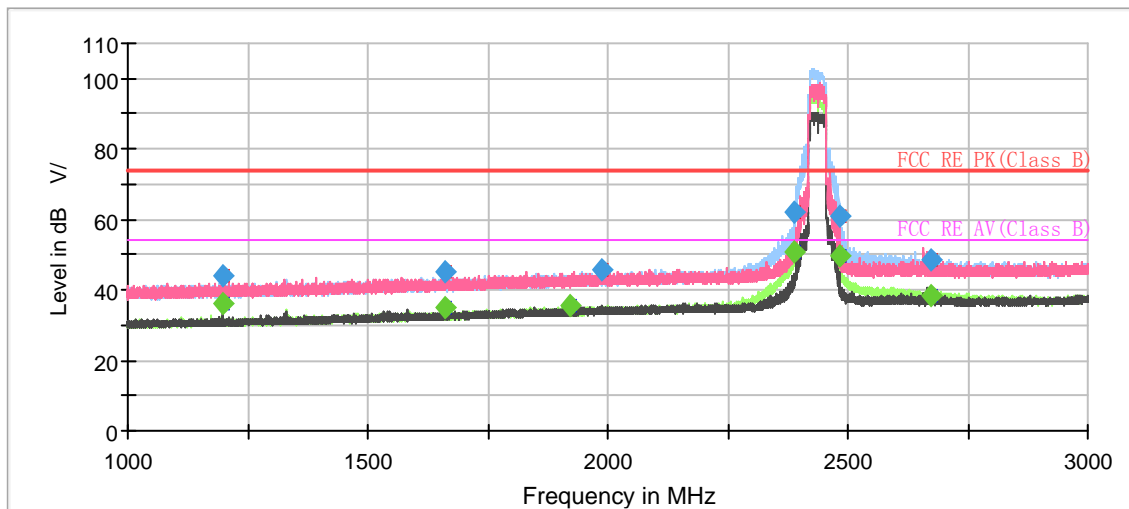
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 4009.000000 | --- | 30.41 | 54.00 | 23.59 | 200.0 | V | 299.0 | -3.8 |
| 4018.500000 | 39.87 | --- | 74.00 | 34.13 | 100.0 | V | 18.0 | -3.7 |
| 4853.500000 | 45.27 | --- | 74.00 | 28.73 | 200.0 | V | 157.0 | -2.2 |
| 4862.000000 | --- | 36.28 | 54.00 | 17.72 | 200.0 | V | 157.0 | -2.2 |
| 5974.500000 | --- | 32.21 | 54.00 | 21.79 | 200.0 | H | 128.0 | -0.3 |
| 5999.500000 | 40.55 | --- | 74.00 | 33.45 | 100.0 | H | 67.0 | -0.3 |
| 7344.000000 | --- | 33.35 | 54.00 | 20.65 | 200.0 | H | 49.0 | 1.4 |
| 7413.000000 | 43.57 | --- | 74.00 | 30.43 | 100.0 | V | 0.0 | 1.5 |
| 8593.500000 | 44.95 | --- | 74.00 | 29.05 | 200.0 | V | 122.0 | 3.9 |
| 8595.000000 | --- | 34.87 | 54.00 | 19.13 | 200.0 | V | 0.0 | 3.9 |
| 10411.000000 | 46.22 | --- | 74.00 | 27.78 | 200.0 | H | 163.0 | 5.9 |
| 12715.500000 | --- | 36.41 | 54.00 | 17.59 | 200.0 | V | 316.0 | 7.5 |

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



802.11n (HT40) CH6

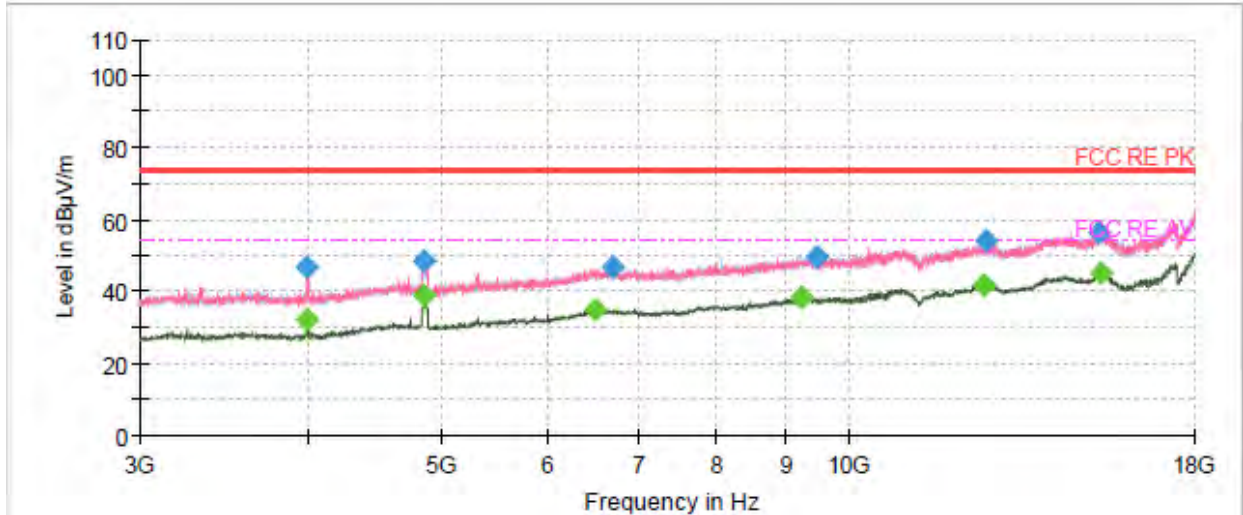


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1199.466667 | --- | 35.91 | 54.00 | 18.09 | 200.0 | V | 357.0 | -7.3 |
| 1199.733333 | 44.24 | --- | 74.00 | 29.76 | 200.0 | V | 357.0 | -7.3 |
| 1659.866667 | 45.04 | --- | 74.00 | 28.96 | 100.0 | V | 217.0 | -4.7 |
| 1662.800000 | --- | 34.76 | 54.00 | 19.24 | 100.0 | V | 217.0 | -4.7 |
| 1922.600000 | --- | 35.43 | 54.00 | 18.57 | 100.0 | H | 194.0 | -3.2 |
| 1988.800000 | 45.93 | --- | 74.00 | 28.07 | 100.0 | H | 211.0 | -2.7 |
| 2388.733333 | 61.78 | --- | 74.00 | 12.22 | 100.0 | H | 356.0 | -1.2 |
| 2389.066667 | --- | 50.51 | 54.00 | 3.49 | 100.0 | H | 0.0 | -1.2 |
| 2483.800000 | --- | 49.63 | 54.00 | 4.37 | 100.0 | H | 0.0 | -0.7 |
| 2485.266667 | 60.67 | --- | 74.00 | 13.33 | 100.0 | H | 0.0 | -0.7 |
| 2673.266667 | 48.47 | --- | 74.00 | 25.53 | 200.0 | H | 4.0 | 0.4 |
| 2674.800000 | --- | 38.33 | 54.00 | 15.67 | 100.0 | H | 56.0 | 0.5 |

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

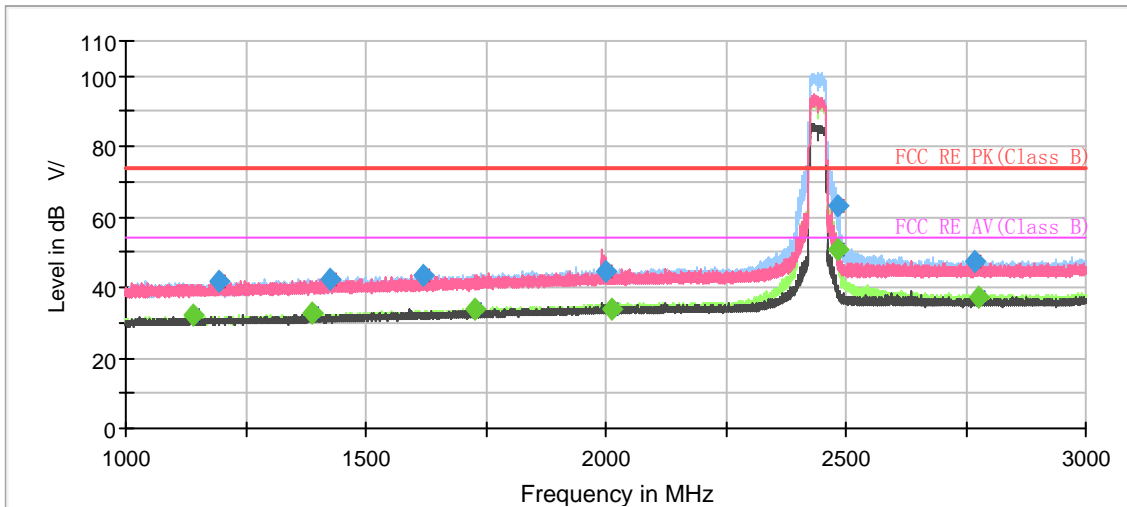


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3986.250000 | 47.10 | --- | 74.00 | 26.90 | 200.0 | V | 10.0 | -13.4 |
| 3986.250000 | --- | 32.41 | 54.00 | 21.59 | 100.0 | V | 72.0 | -13.4 |
| 4867.500000 | 48.57 | --- | 74.00 | 25.43 | 200.0 | V | 346.0 | -10.7 |
| 4869.375000 | --- | 38.93 | 54.00 | 15.07 | 200.0 | V | 354.0 | -10.7 |
| 6508.125000 | --- | 35.09 | 54.00 | 18.91 | 200.0 | V | 14.0 | -3.7 |
| 6695.625000 | 46.87 | --- | 74.00 | 27.13 | 100.0 | V | 289.0 | -3.5 |
| 9238.125000 | --- | 38.51 | 54.00 | 15.49 | 100.0 | H | 15.0 | -2.9 |
| 9478.125000 | 49.87 | --- | 74.00 | 24.13 | 200.0 | V | 276.0 | -2.6 |
| 12583.125000 | --- | 41.67 | 54.00 | 12.33 | 200.0 | V | 180.0 | 2.2 |
| 12622.500000 | 54.05 | --- | 74.00 | 19.95 | 200.0 | H | 83.0 | 2.2 |
| 15328.125000 | 56.33 | --- | 74.00 | 17.67 | 100.0 | H | 154.0 | 5.7 |
| 15375.000000 | --- | 45.09 | 54.00 | 8.91 | 200.0 | V | 0.0 | 5.7 |

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

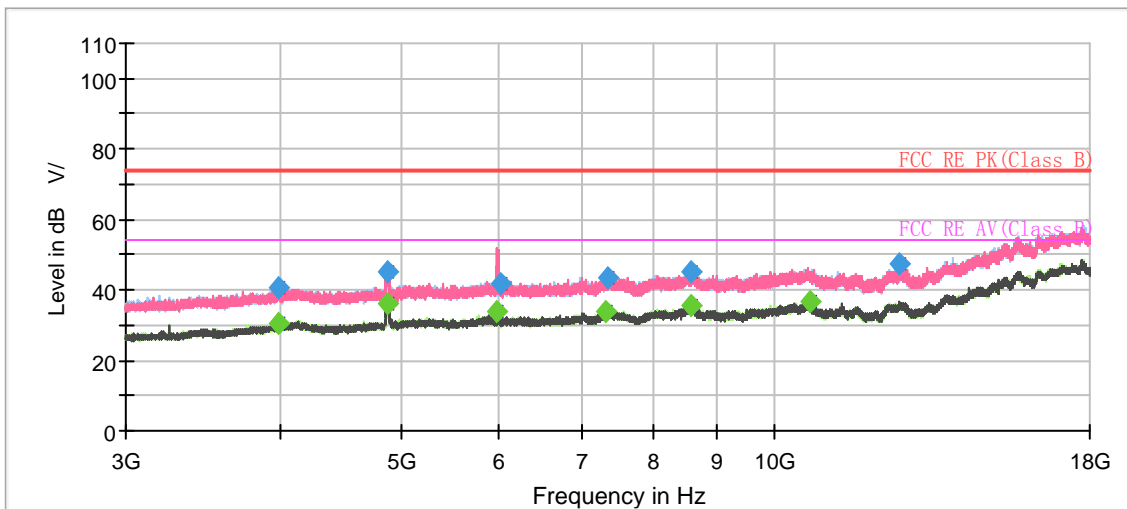
802.11n (HT40) CH7



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1138.800000 | --- | 32.09 | 54.00 | 21.91 | 100.0 | H | 316.0 | -7.6 |
| 1192.200000 | 41.85 | --- | 74.00 | 32.15 | 100.0 | H | 245.0 | -7.3 |
| 1388.866667 | --- | 32.62 | 54.00 | 21.38 | 200.0 | H | 330.0 | -6.2 |
| 1426.200000 | 42.49 | --- | 74.00 | 31.51 | 200.0 | H | 10.0 | -6.0 |
| 1620.066667 | 43.58 | --- | 74.00 | 30.42 | 100.0 | H | 22.0 | -4.9 |
| 1726.333333 | --- | 33.83 | 54.00 | 20.17 | 200.0 | H | 296.0 | -4.3 |
| 2000.533333 | 44.77 | --- | 74.00 | 29.23 | 100.0 | H | 308.0 | -2.6 |
| 2013.866667 | --- | 33.87 | 54.00 | 20.13 | 200.0 | H | 0.0 | -2.6 |
| 2484.066667 | --- | 51.02 | 54.00 | 2.98 | 200.0 | H | 88.0 | -0.7 |
| 2484.466667 | 63.13 | --- | 74.00 | 10.87 | 200.0 | H | 88.0 | -0.7 |
| 2769.133333 | 47.48 | --- | 74.00 | 26.52 | 200.0 | H | 342.0 | 0.8 |
| 2778.133333 | --- | 37.21 | 54.00 | 16.79 | 100.0 | H | 268.0 | 0.9 |

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

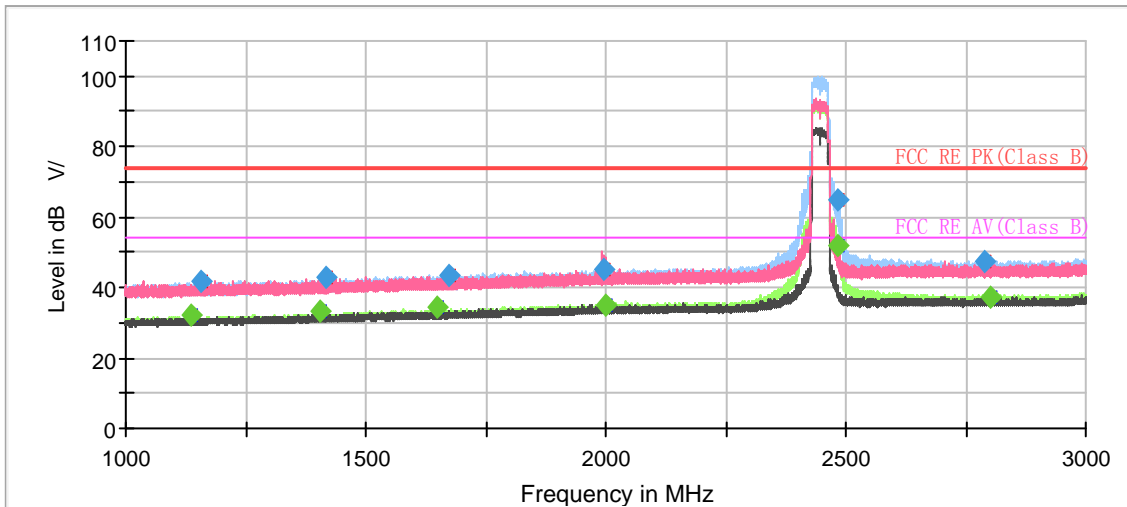


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 3980.500000 | 40.51 | --- | 74.00 | 33.49 | 200.0 | V | 188.0 | -4.0 |
| 3991.500000 | --- | 30.39 | 54.00 | 23.61 | 200.0 | V | 258.0 | -3.9 |
| 4879.500000 | 44.98 | --- | 74.00 | 29.02 | 200.0 | V | 160.0 | -2.1 |
| 4883.000000 | --- | 36.36 | 54.00 | 17.64 | 200.0 | V | 151.0 | -2.0 |
| 5974.500000 | --- | 34.07 | 54.00 | 19.93 | 100.0 | V | 121.0 | -0.3 |
| 6021.500000 | 41.82 | --- | 74.00 | 32.18 | 100.0 | H | 351.0 | -0.3 |
| 7326.000000 | --- | 33.75 | 54.00 | 20.25 | 100.0 | H | 3.0 | 1.4 |
| 7336.500000 | 43.55 | --- | 74.00 | 30.45 | 100.0 | V | 21.0 | 1.4 |
| 8581.500000 | 44.95 | --- | 74.00 | 29.05 | 100.0 | V | 121.0 | 4.0 |
| 8593.500000 | --- | 35.28 | 54.00 | 18.72 | 200.0 | H | 95.0 | 3.9 |
| 10702.000000 | --- | 36.91 | 54.00 | 17.09 | 200.0 | H | 318.0 | 5.3 |
| 12640.500000 | 47.31 | --- | 74.00 | 26.69 | 100.0 | V | 190.0 | 7.4 |

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

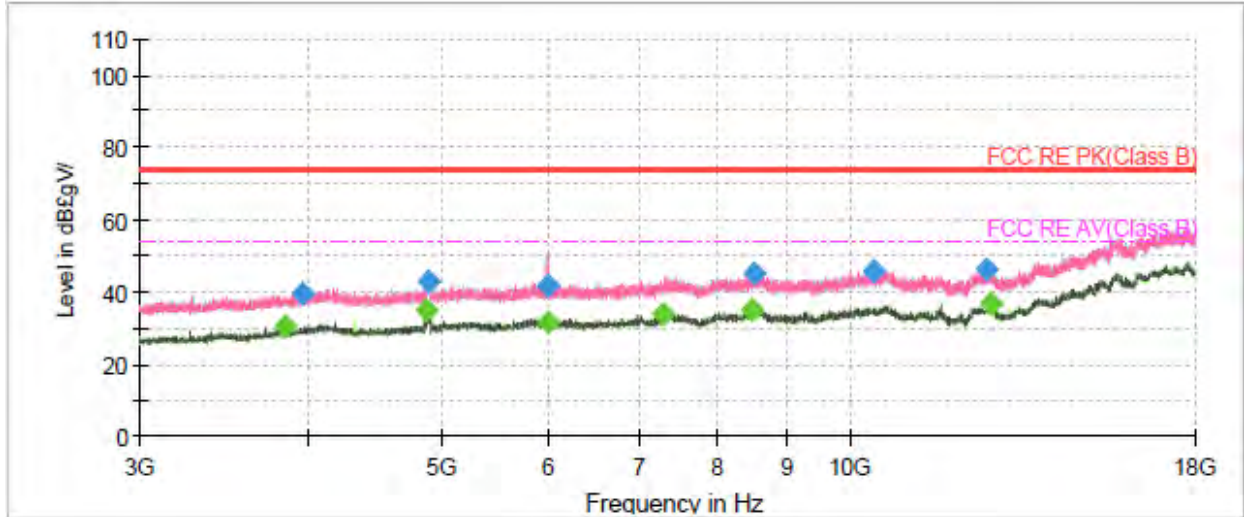
802.11n (HT40) CH8



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1134.866667 | --- | 32.14 | 54.00 | 21.86 | 200.0 | V | 204.0 | -7.6 |
| 1158.866667 | 41.82 | --- | 74.00 | 32.18 | 200.0 | H | 39.0 | -7.5 |
| 1404.933333 | --- | 33.44 | 54.00 | 20.56 | 100.0 | H | 297.0 | -6.1 |
| 1417.600000 | 42.62 | --- | 74.00 | 31.38 | 200.0 | V | 276.0 | -6.1 |
| 1650.600000 | --- | 34.27 | 54.00 | 19.73 | 200.0 | H | 15.0 | -4.8 |
| 1675.533333 | 43.65 | --- | 74.00 | 30.35 | 100.0 | H | 289.0 | -4.6 |
| 1996.400000 | 45.26 | --- | 74.00 | 28.74 | 100.0 | H | 344.0 | -2.7 |
| 1998.866667 | --- | 34.90 | 54.00 | 19.10 | 100.0 | H | 281.0 | -2.7 |
| 2484.666667 | --- | 51.74 | 54.00 | 2.26 | 100.0 | H | 184.0 | -0.7 |
| 2484.866667 | 64.74 | --- | 74.00 | 9.26 | 100.0 | H | 176.0 | -0.7 |
| 2790.800000 | 47.11 | --- | 74.00 | 26.89 | 100.0 | H | 313.0 | 0.9 |
| 2801.400000 | --- | 37.20 | 54.00 | 16.80 | 200.0 | H | 62.0 | 0.9 |

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



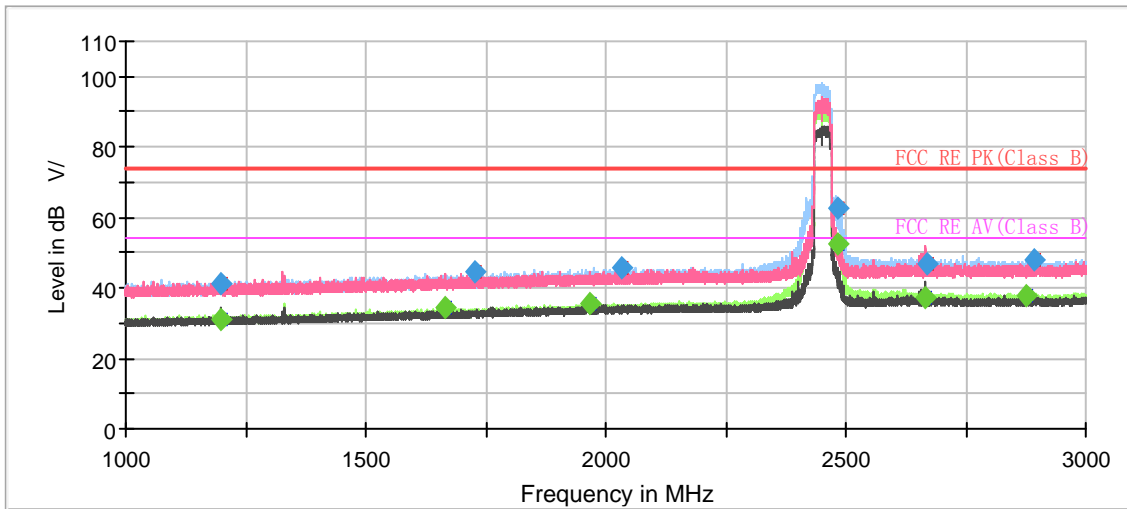
Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3843.000000 | --- | 30.41 | 54.00 | 23.59 | 100.0 | V | 166.0 | -4.8 |
| 3961.000000 | 39.72 | --- | 74.00 | 34.28 | 200.0 | H | 246.0 | -4.1 |
| 4885.000000 | --- | 35.15 | 54.00 | 18.85 | 200.0 | V | 159.0 | -2.0 |
| 4900.000000 | 42.78 | --- | 74.00 | 31.22 | 100.0 | V | 202.0 | -1.9 |
| 5991.000000 | --- | 31.81 | 54.00 | 22.19 | 100.0 | H | 339.0 | -0.3 |
| 6006.500000 | 41.61 | --- | 74.00 | 32.39 | 100.0 | V | 318.0 | -0.3 |
| 7284.500000 | --- | 33.61 | 54.00 | 20.39 | 100.0 | V | 4.0 | 1.3 |
| 8498.000000 | --- | 34.96 | 54.00 | 19.04 | 100.0 | H | 200.0 | 3.8 |
| 8509.000000 | 45.14 | --- | 74.00 | 28.86 | 100.0 | V | 84.0 | 3.9 |
| 10433.000000 | 45.57 | --- | 74.00 | 28.43 | 100.0 | V | 255.0 | 5.9 |
| 12649.000000 | 46.11 | --- | 74.00 | 27.89 | 200.0 | H | 0.0 | 7.4 |
| 12739.000000 | --- | 36.41 | 54.00 | 17.59 | 200.0 | V | 186.0 | 7.5 |

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



802.11n (HT40) CH9

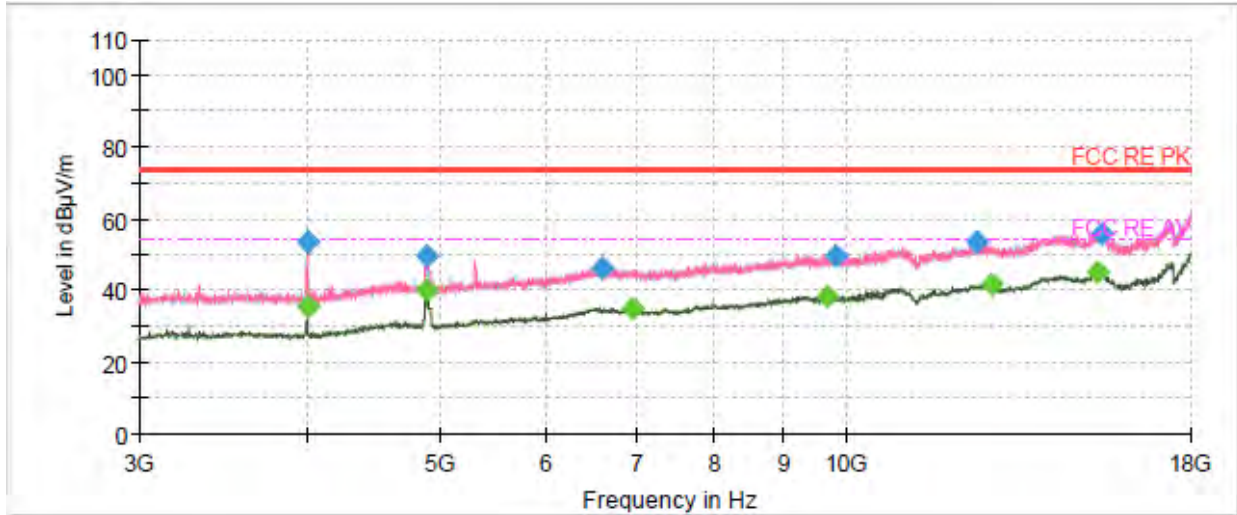


Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1197.600000 | 41.01 | --- | 74.00 | 32.99 | 200.0 | H | 81.0 | -7.3 |
| 1199.933333 | --- | 31.15 | 54.00 | 22.85 | 200.0 | H | 57.0 | -7.3 |
| 1664.533333 | --- | 34.37 | 54.00 | 19.63 | 200.0 | V | 24.0 | -4.7 |
| 1725.333333 | 44.78 | --- | 74.00 | 29.22 | 200.0 | V | 151.0 | -4.3 |
| 1968.266667 | --- | 35.65 | 54.00 | 18.35 | 100.0 | H | 294.0 | -2.9 |
| 2033.600000 | 45.85 | --- | 74.00 | 28.15 | 100.0 | H | 357.0 | -2.5 |
| 2484.533333 | 62.72 | --- | 74.00 | 11.28 | 200.0 | H | 290.0 | -0.7 |
| 2484.800000 | --- | 52.66 | 54.00 | 1.34 | 100.0 | H | 0.0 | -0.7 |
| 2664.666667 | --- | 37.12 | 54.00 | 16.88 | 100.0 | H | 244.0 | 0.4 |
| 2667.600000 | 47.09 | --- | 74.00 | 26.91 | 100.0 | H | 53.0 | 0.4 |
| 2877.933333 | --- | 37.80 | 54.00 | 16.20 | 100.0 | H | 61.0 | 1.2 |
| 2892.000000 | 47.85 | --- | 74.00 | 26.15 | 200.0 | H | 226.0 | 1.2 |

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

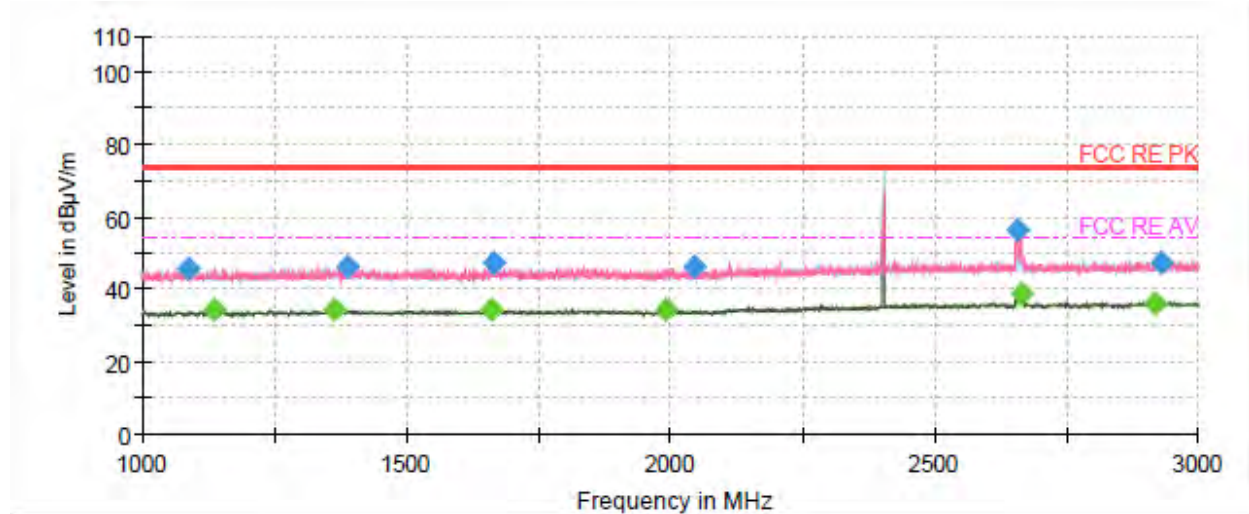


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3995.625000 | 53.48 | --- | 74.00 | 20.52 | 100.0 | V | 66.0 | -13.3 |
| 3995.625000 | --- | 35.31 | 54.00 | 18.69 | 100.0 | V | 66.0 | -13.3 |
| 4901.250000 | --- | 39.98 | 54.00 | 14.02 | 200.0 | V | 12.0 | -10.7 |
| 4903.125000 | 49.54 | --- | 74.00 | 24.46 | 200.0 | V | 17.0 | -10.7 |
| 6600.000000 | 46.53 | --- | 74.00 | 27.47 | 200.0 | H | 262.0 | -3.6 |
| 6965.625000 | --- | 35.21 | 54.00 | 18.79 | 100.0 | H | 89.0 | -3.8 |
| 9699.375000 | --- | 38.43 | 54.00 | 15.57 | 100.0 | V | 304.0 | -2.5 |
| 9826.875000 | 49.83 | --- | 74.00 | 24.17 | 200.0 | V | 98.0 | -1.8 |
| 12491.250000 | 53.80 | --- | 74.00 | 20.20 | 100.0 | H | 0.0 | 1.9 |
| 12810.000000 | --- | 41.68 | 54.00 | 12.32 | 200.0 | V | 144.0 | 2.1 |
| 15350.625000 | --- | 45.03 | 54.00 | 8.97 | 100.0 | V | 172.0 | 5.8 |
| 15472.500000 | 55.99 | --- | 74.00 | 18.01 | 100.0 | V | 257.0 | 5.3 |

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

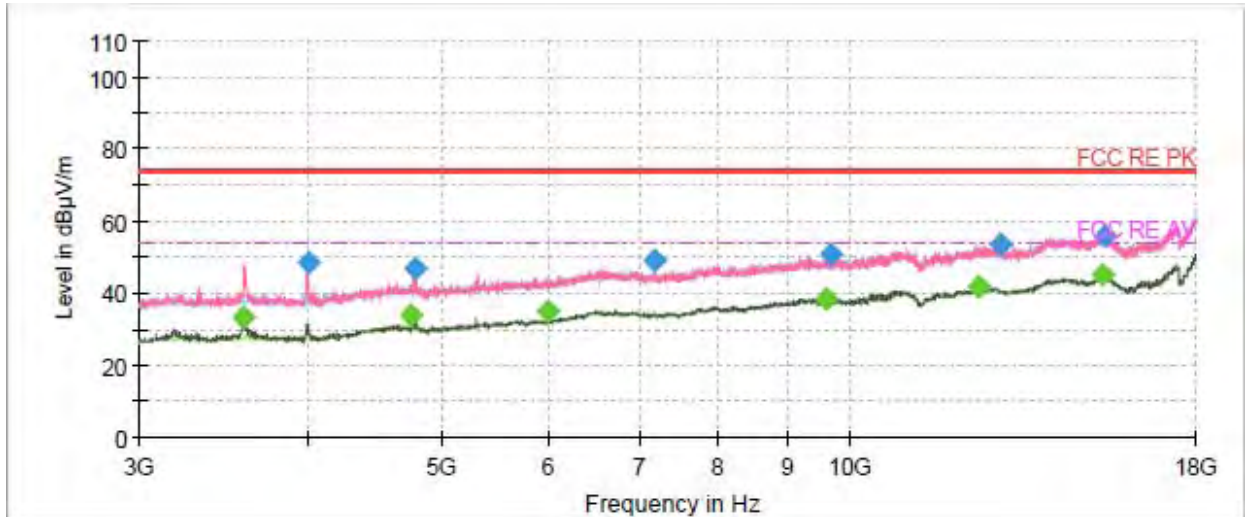
Bluetooth LE-Channel 0



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB μ V/m) | Average (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------------|------------------------|----------------------|-------------|-------------|-----|---------------|--------------|
| 1088.750000 | 45.94 | --- | 74.00 | 28.06 | 200.0 | V | 0.0 | -10.7 |
| 1136.000000 | --- | 34.15 | 54.00 | 19.85 | 100.0 | H | 174.0 | -10.5 |
| 1365.500000 | --- | 34.35 | 54.00 | 19.65 | 100.0 | V | 73.0 | -9.6 |
| 1387.500000 | 46.03 | --- | 74.00 | 27.97 | 100.0 | H | 217.0 | -9.6 |
| 1662.250000 | --- | 34.50 | 54.00 | 19.50 | 200.0 | V | 34.0 | -8.8 |
| 1666.500000 | 47.23 | --- | 74.00 | 26.77 | 100.0 | V | 350.0 | -8.8 |
| 1993.250000 | --- | 34.43 | 54.00 | 19.58 | 200.0 | H | 194.0 | -8.2 |
| 2047.000000 | 46.23 | --- | 74.00 | 27.77 | 200.0 | H | 350.0 | -8.0 |
| 2656.500000 | 56.30 | --- | 74.00 | 17.70 | 100.0 | V | 295.0 | -6.1 |
| 2663.750000 | --- | 39.18 | 54.00 | 14.82 | 100.0 | V | 329.0 | -6.0 |
| 2915.500000 | --- | 36.26 | 54.00 | 17.74 | 200.0 | H | 311.0 | -6.1 |
| 2928.000000 | 47.16 | --- | 74.00 | 26.84 | 200.0 | V | 0.0 | -6.0 |

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

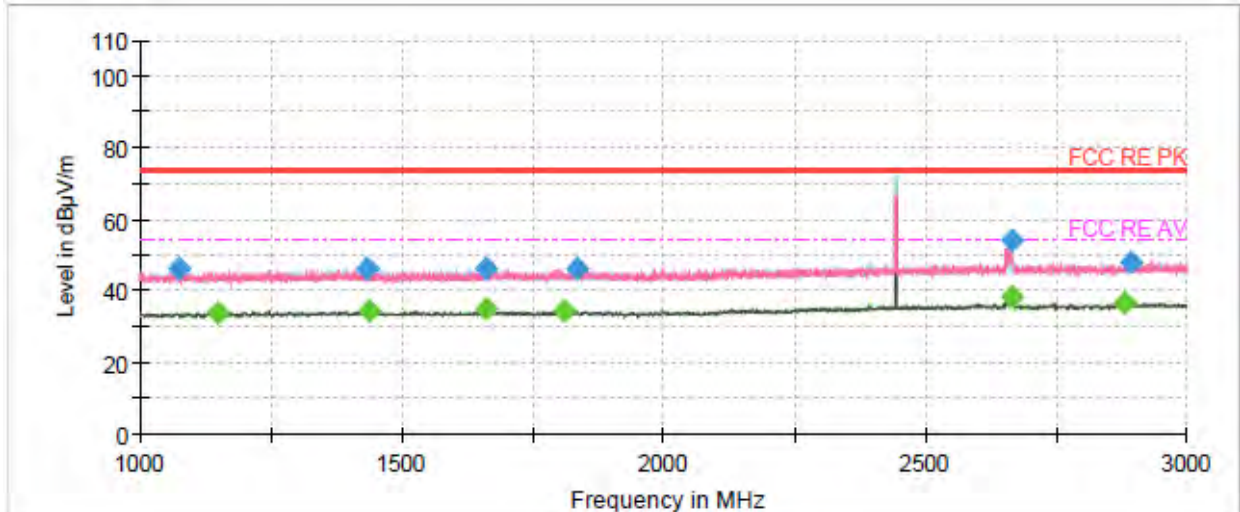


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3585.000000 | --- | 33.14 | 54.00 | 20.86 | 200.0 | V | 288.0 | -14.4 |
| 3999.375000 | 48.31 | --- | 74.00 | 25.69 | 100.0 | V | 202.0 | -13.3 |
| 4762.500000 | --- | 33.99 | 54.00 | 20.01 | 200.0 | V | 269.0 | -10.6 |
| 4798.125000 | 47.05 | --- | 74.00 | 26.95 | 100.0 | V | 153.0 | -10.6 |
| 5996.250000 | --- | 35.08 | 54.00 | 18.92 | 200.0 | V | 259.0 | -6.9 |
| 7185.000000 | 49.24 | --- | 74.00 | 24.76 | 100.0 | V | 212.0 | -4.4 |
| 9611.250000 | --- | 38.54 | 54.00 | 15.46 | 100.0 | V | 289.0 | -2.3 |
| 9676.875000 | 50.52 | --- | 74.00 | 23.48 | 100.0 | H | 236.0 | -2.4 |
| 12436.875000 | --- | 41.65 | 54.00 | 12.35 | 200.0 | V | 0.0 | 1.7 |
| 12909.375000 | 53.44 | --- | 74.00 | 20.56 | 200.0 | V | 2.0 | 1.9 |
| 15373.125000 | --- | 45.09 | 54.00 | 8.91 | 100.0 | H | 27.0 | 5.7 |
| 15429.375000 | 55.98 | --- | 74.00 | 18.02 | 100.0 | V | 358.0 | 5.5 |

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

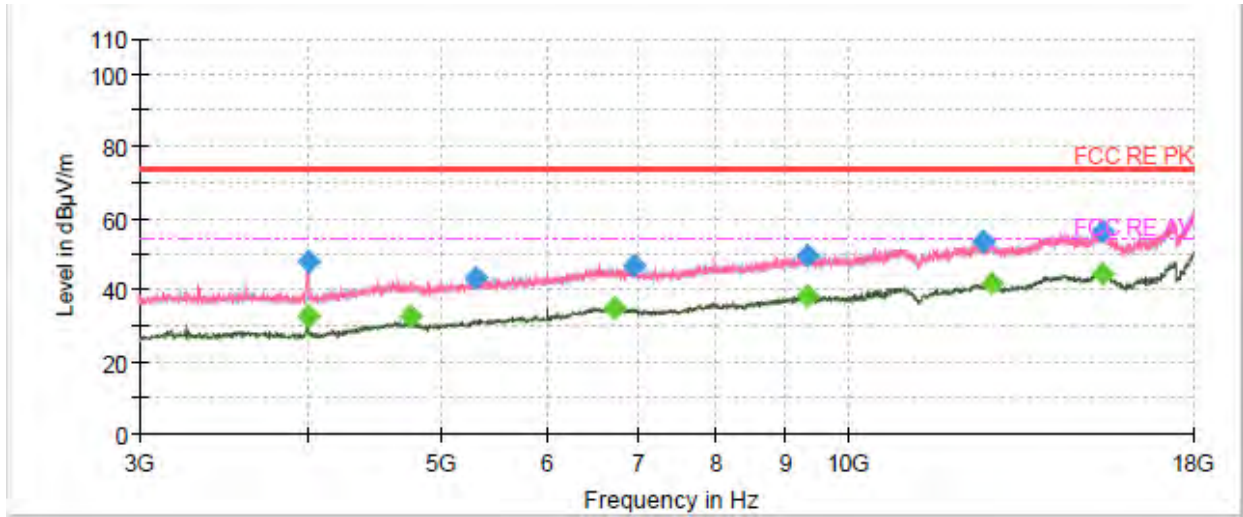
Bluetooth LE-Channel 19



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1073.500000 | 46.32 | --- | 74.00 | 27.68 | 100.0 | H | 29.0 | -10.8 |
| 1149.750000 | --- | 34.02 | 54.00 | 19.98 | 100.0 | V | 245.0 | -10.4 |
| 1432.250000 | 46.17 | --- | 74.00 | 27.83 | 100.0 | H | 22.0 | -9.3 |
| 1437.500000 | --- | 34.51 | 54.00 | 19.49 | 200.0 | V | 12.0 | -9.3 |
| 1661.750000 | --- | 34.94 | 54.00 | 19.06 | 200.0 | H | 297.0 | -8.8 |
| 1661.750000 | 46.21 | --- | 74.00 | 27.79 | 200.0 | H | 297.0 | -8.8 |
| 1811.500000 | --- | 34.52 | 54.00 | 19.48 | 200.0 | H | 355.0 | -8.5 |
| 1835.500000 | 46.43 | --- | 74.00 | 27.57 | 200.0 | H | 354.0 | -8.5 |
| 2663.500000 | --- | 38.53 | 54.00 | 15.47 | 100.0 | V | 162.0 | -6.0 |
| 2663.500000 | 54.11 | --- | 74.00 | 19.89 | 100.0 | V | 162.0 | -6.0 |
| 2881.750000 | --- | 36.44 | 54.00 | 17.56 | 100.0 | V | 342.0 | -6.0 |
| 2892.250000 | 48.15 | --- | 74.00 | 25.85 | 200.0 | V | 228.0 | -6.0 |

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

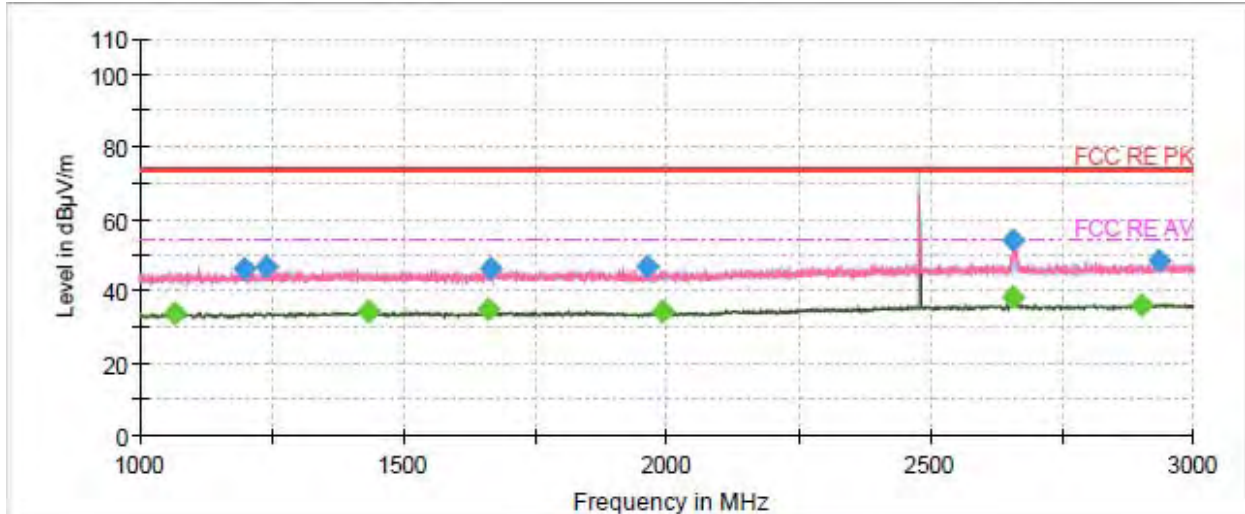


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3995.625000 | 47.95 | --- | 74.00 | 26.05 | 100.0 | V | 62.0 | -13.3 |
| 3995.625000 | --- | 32.64 | 54.00 | 21.36 | 100.0 | V | 62.0 | -13.3 |
| 4762.500000 | --- | 32.75 | 54.00 | 21.25 | 200.0 | V | 289.0 | -10.6 |
| 5310.000000 | 43.59 | --- | 74.00 | 30.41 | 200.0 | H | 229.0 | -9.0 |
| 6733.125000 | --- | 35.09 | 54.00 | 18.91 | 100.0 | H | 326.0 | -3.6 |
| 6963.750000 | 46.82 | --- | 74.00 | 27.18 | 100.0 | H | 18.0 | -3.8 |
| 9326.250000 | 49.71 | --- | 74.00 | 24.29 | 100.0 | V | 320.0 | -2.8 |
| 9346.875000 | --- | 38.59 | 54.00 | 15.41 | 200.0 | H | 355.0 | -2.7 |
| 12600.000000 | 53.65 | --- | 74.00 | 20.35 | 200.0 | V | 38.0 | 2.2 |
| 12781.875000 | --- | 41.69 | 54.00 | 12.31 | 200.0 | V | 11.0 | 2.2 |
| 15393.750000 | --- | 44.79 | 54.00 | 9.21 | 100.0 | H | 1.0 | 5.6 |
| 15423.750000 | 56.29 | --- | 74.00 | 17.71 | 100.0 | V | 356.0 | 5.5 |

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

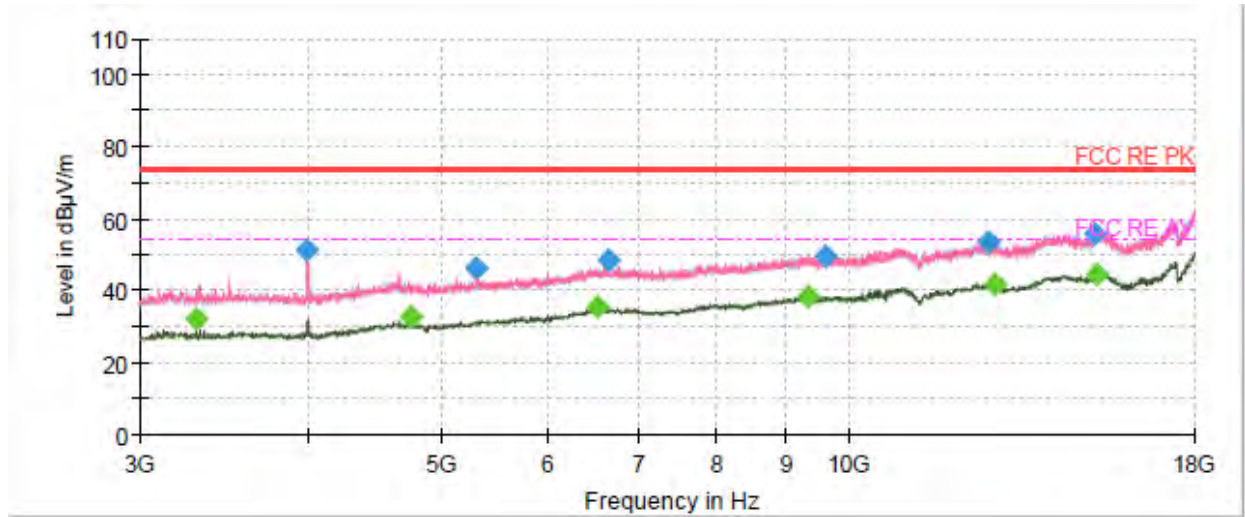
Bluetooth LE-Channel 39



Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 1067.750000 | --- | 33.93 | 54.00 | 20.07 | 200.0 | V | 1.0 | -10.9 |
| 1197.500000 | 46.23 | --- | 74.00 | 27.77 | 200.0 | V | 93.0 | -10.3 |
| 1240.750000 | 46.72 | --- | 74.00 | 27.28 | 200.0 | V | 85.0 | -10.0 |
| 1434.000000 | --- | 34.42 | 54.00 | 19.58 | 200.0 | V | 286.0 | -9.3 |
| 1660.500000 | --- | 35.10 | 54.00 | 18.90 | 200.0 | H | 301.0 | -8.8 |
| 1664.000000 | 46.37 | --- | 74.00 | 27.63 | 200.0 | V | 34.0 | -8.8 |
| 1964.250000 | 46.93 | --- | 74.00 | 27.07 | 100.0 | V | 333.0 | -8.4 |
| 1992.500000 | --- | 34.53 | 54.00 | 19.47 | 100.0 | H | 144.0 | -8.2 |
| 2658.000000 | --- | 38.61 | 54.00 | 15.39 | 200.0 | V | 4.0 | -6.0 |
| 2658.000000 | 54.40 | --- | 74.00 | 19.60 | 200.0 | V | 4.0 | -6.0 |
| 2899.500000 | --- | 36.22 | 54.00 | 17.78 | 200.0 | V | 68.0 | -6.0 |
| 2932.250000 | 48.24 | --- | 74.00 | 25.76 | 100.0 | H | 50.0 | -6.0 |

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

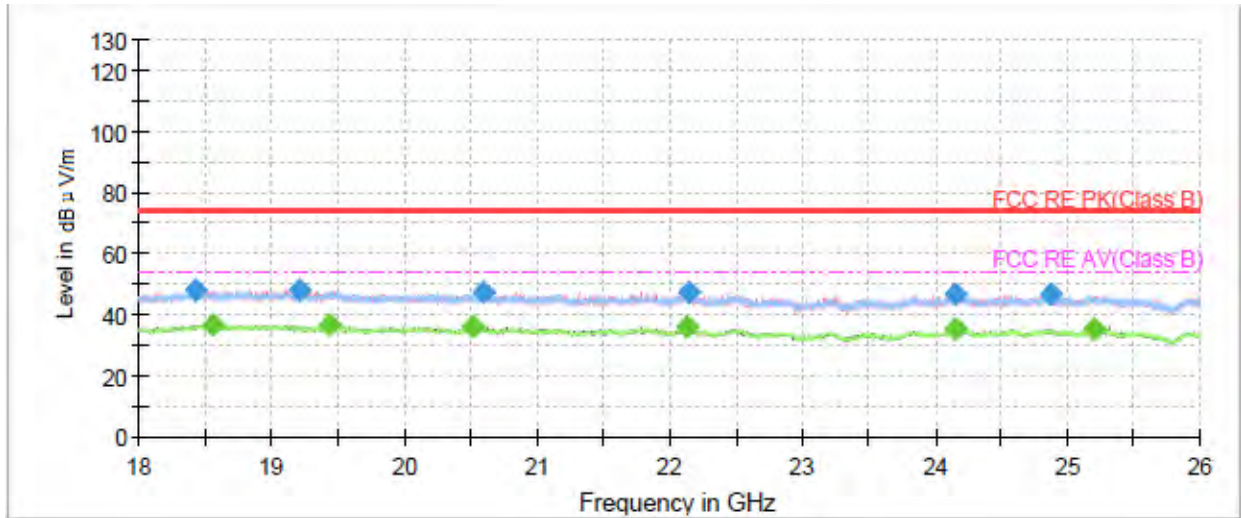


Radiates Emission from 3GHz to 18GHz

| Frequency (MHz) | MaxPeak (dB µ V/m) | Average (dB µ V/m) | Limit (dB µ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|--------------------|------------------|-------------|-------------|-----|---------------|--------------|
| 3305.625000 | --- | 32.06 | 54.00 | 21.94 | 100.0 | V | 294.0 | -15.1 |
| 3982.500000 | 51.40 | --- | 74.00 | 22.60 | 100.0 | V | 198.0 | -13.4 |
| 4762.500000 | --- | 32.53 | 54.00 | 21.47 | 200.0 | V | 268.0 | -10.6 |
| 5315.625000 | 46.21 | --- | 74.00 | 27.79 | 200.0 | V | 220.0 | -8.9 |
| 6519.375000 | --- | 35.57 | 54.00 | 18.43 | 200.0 | V | 7.0 | -3.7 |
| 6663.750000 | 48.78 | --- | 74.00 | 25.22 | 100.0 | V | 304.0 | -3.5 |
| 9326.250000 | --- | 38.50 | 54.00 | 15.50 | 200.0 | H | 243.0 | -2.8 |
| 9616.875000 | 49.89 | --- | 74.00 | 24.11 | 200.0 | V | 28.0 | -2.3 |
| 12703.125000 | 53.45 | --- | 74.00 | 20.55 | 200.0 | V | 298.0 | 2.3 |
| 12808.125000 | --- | 41.74 | 54.00 | 12.26 | 100.0 | V | 246.0 | 2.1 |
| 15204.375000 | 56.05 | --- | 74.00 | 17.95 | 200.0 | V | 7.0 | 5.3 |
| 15249.375000 | --- | 44.71 | 54.00 | 9.29 | 100.0 | H | 14.0 | 5.5 |

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

During the test, the Radiates Emission from 18GHz to 26GHz was performed in all modes with all channels, 802.11n (HT40) CH3 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



Radiates Emission from 18GHz to 26GHz

5.7. Conducted Emission

Ambient condition

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

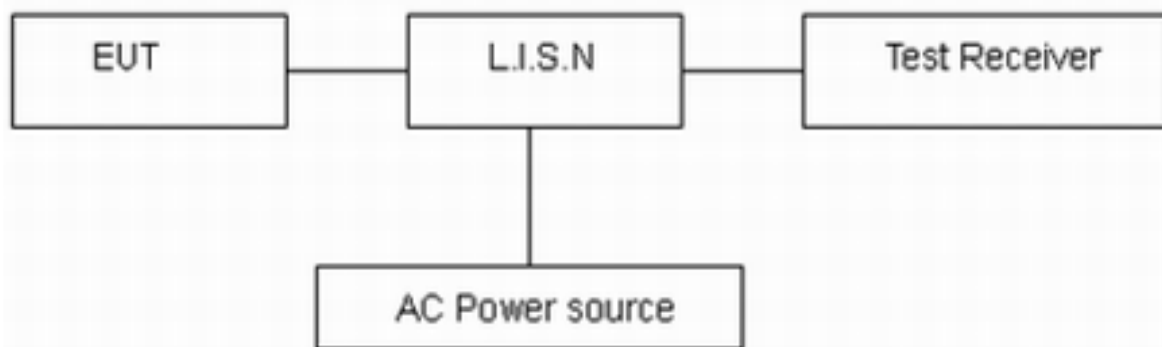
Methods of Measurement

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

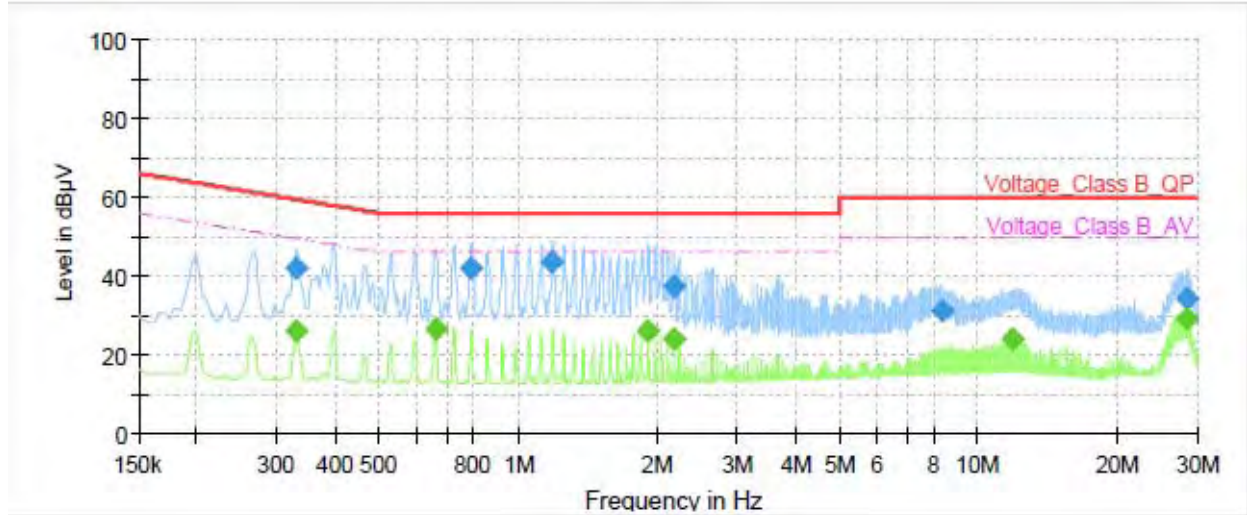
*: Decreases with the logarithm of the frequency.

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:

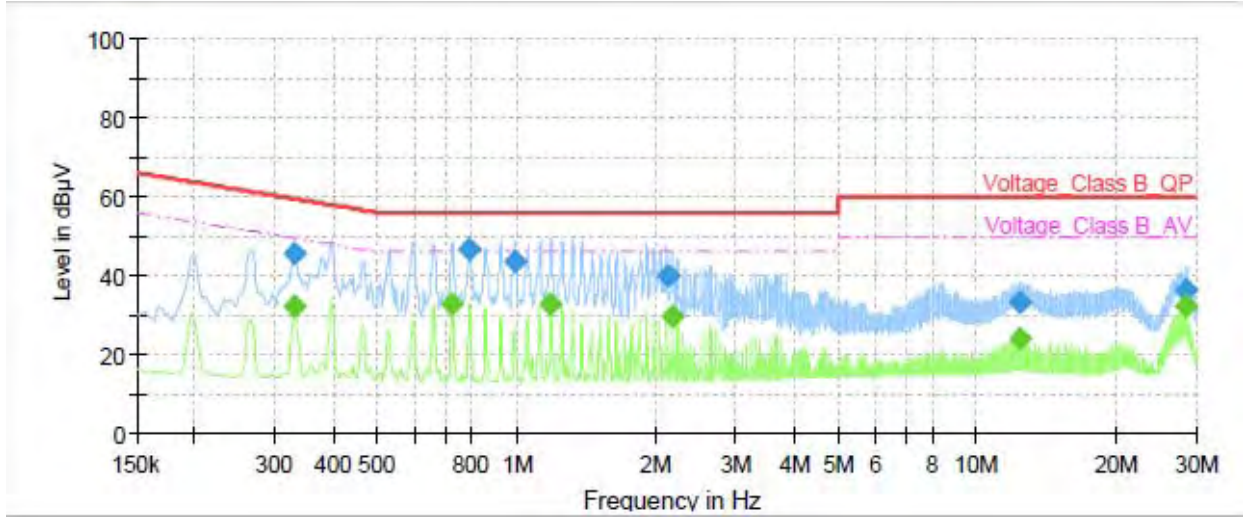
Following plots, Blue trace uses the peak detection and Green trace uses the average detection. During the test, the Conducted Emission was performed in all modes (WIFI 2.4G /Bluetooth LE) with all channels, 802.11n (HT40) CH3 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.



| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Filter | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.33 | --- | 26.30 | 49.45 | 23.15 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.33 | 41.82 | --- | 59.45 | 17.63 | 70.0 | 9.000 | L1 | ON | 21 |
| 0.66 | --- | 26.46 | 46.00 | 19.54 | 70.0 | 9.000 | L1 | ON | 20 |
| 0.79 | 42.10 | --- | 56.00 | 13.90 | 70.0 | 9.000 | L1 | ON | 20 |
| 1.19 | 43.38 | --- | 56.00 | 12.62 | 70.0 | 9.000 | L1 | ON | 20 |
| 1.91 | --- | 26.12 | 46.00 | 19.88 | 70.0 | 9.000 | L1 | ON | 20 |
| 2.18 | --- | 24.19 | 46.00 | 21.81 | 70.0 | 9.000 | L1 | ON | 20 |
| 2.18 | 37.47 | --- | 56.00 | 18.53 | 70.0 | 9.000 | L1 | ON | 20 |
| 8.38 | 31.39 | --- | 60.00 | 28.61 | 70.0 | 9.000 | L1 | ON | 20 |
| 11.87 | --- | 24.07 | 50.00 | 25.93 | 70.0 | 9.000 | L1 | ON | 20 |
| 28.48 | 34.58 | --- | 60.00 | 25.42 | 70.0 | 9.000 | L1 | ON | 20 |
| 28.52 | --- | 29.41 | 50.00 | 20.59 | 70.0 | 9.000 | L1 | ON | 20 |

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) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|-----------------|------|--------|------------|
| 0.33 | --- | 32.07 | 49.45 | 17.38 | 70.0 | 9.000 | N | ON | 21 |
| 0.33 | 45.65 | --- | 59.45 | 13.80 | 70.0 | 9.000 | N | ON | 21 |
| 0.73 | --- | 32.94 | 46.00 | 13.06 | 70.0 | 9.000 | N | ON | 20 |
| 0.79 | 46.44 | --- | 56.00 | 9.56 | 70.0 | 9.000 | N | ON | 20 |
| 0.99 | 43.70 | --- | 56.00 | 12.30 | 70.0 | 9.000 | N | ON | 20 |
| 1.19 | --- | 32.77 | 46.00 | 13.23 | 70.0 | 9.000 | N | ON | 20 |
| 2.12 | 40.00 | --- | 56.00 | 16.00 | 70.0 | 9.000 | N | ON | 20 |
| 2.18 | --- | 29.93 | 46.00 | 16.07 | 70.0 | 9.000 | N | ON | 20 |
| 12.40 | 33.32 | --- | 60.00 | 26.68 | 70.0 | 9.000 | N | ON | 20 |
| 12.40 | --- | 24.07 | 50.00 | 25.93 | 70.0 | 9.000 | N | ON | 20 |
| 28.52 | --- | 32.34 | 50.00 | 17.66 | 70.0 | 9.000 | N | ON | 20 |
| 28.56 | 36.24 | --- | 60.00 | 23.76 | 70.0 | 9.000 | N | ON | 20 |

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 | FSV30 | 100815 | 2020-12-13 | 2021-12-12 |
| EMI Test Receiver | R&S | ESCI | 100948 | 2020-05-18 | 2021-05-17 |
| | | | | 2021-05-15 | 2022-05-14 |
| Loop Antenna | SCHWARZBECK | FMZB1519 | 1519-047 | 2020-04-02 | 2023-04-01 |
| TRILOG Broadband Antenna | SCHWARZBECK | VULB 9163 | 391 | 2019-12-16 | 2021-12-15 |
| 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 |
| EMI Test Receiver | R&S | ESR | 101667 | 2020-05-18 | 2021-05-17 |
| | | | | 2021-05-16 | 2022-05-15 |
| LISN | R&S | ENV216 | 101171 | 2018-12-15 | 2021-12-14 |
| Spectrum Analyzer | Agilent | N9010A | MY47191109 | 2020-05-18 | 2021-05-17 |
| | | | | 2021-05-15 | 2022-05-14 |
| Power Meter | R&S | NRP2 | 104306 | 2020-05-18 | 2021-05-17 |
| | | | | 2021-05-15 | 2022-05-14 |
| Power Sensor | R&S | NRP-Z21 | 104799 | 2020-05-18 | 2021-05-17 |
| | | | | 2021-05-15 | 2022-05-14 |
| RF Cable | Agilent | SMA 15cm | 0001 | 2020-12-10 | 2021-06-09 |
| Software | R&S | EMC32 | 9.26.0 | / | / |

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



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.