

Radiates Emission from 7GHz to 18GHz

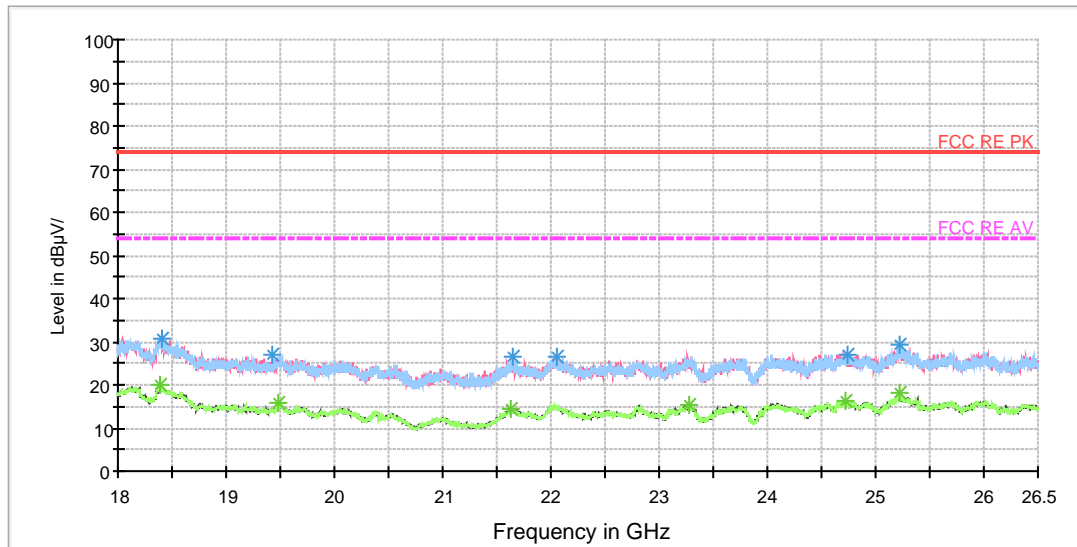
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 8178.375000     | 46.0          | 101.0       | H            | 180.0         | 55.2                   | 9.2                 | 28.0        | 74             |
| 9047.375000     | 47.1          | 101.0       | H            | 99.0          | 57.4                   | 10.3                | 26.9        | 74             |
| 10458.125000    | 62.3          | 101.0       | H            | 169.0         | 74.7                   | 12.4                | 11.7        | 74             |
| 13018.375000    | 51.8          | 101.0       | H            | 169.0         | 68.0                   | 16.2                | 22.2        | 74             |
| 15316.000000    | 55.3          | 101.0       | H            | 0.0           | 74.8                   | 19.5                | 18.7        | 74             |
| 18000.000000    | 60.9          | 101.0       | H            | 238.0         | 86.3                   | 25.4                | 13.1        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7499.125000     | 39.7             | 101.0       | H            | 284.0         | 47.4                   | 7.7                 | 14.3        | 54             |
| 8771.000000     | 38.2             | 101.0       | H            | 0.0           | 47.3                   | 9.1                 | 15.8        | 54             |
| 10458.125000    | 53.2             | 101.0       | H            | 169.0         | 65.6                   | 12.4                | 0.8         | 54             |
| 13007.375000    | 43.2             | 101.0       | H            | 28.0          | 59.4                   | 16.2                | 10.8        | 54             |
| 15247.250000    | 45.9             | 101.0       | V            | 238.0         | 65.6                   | 19.7                | 8.1         | 54             |
| 18000.000000    | 51.7             | 101.0       | V            | 238.0         | 77.1                   | 25.4                | 2.3         | 54             |

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

| Frequency (MHz) | Peak (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18402.687500    | 30.5          | V            | 202.0         | 35.4                   | -4.9                | 43.5        | 74             |
| 19418.437500    | 27.0          | H            | 211.0         | 34.8                   | -7.8                | 47.0        | 74             |
| 21640.125000    | 26.3          | V            | 269.0         | 35.4                   | -9.1                | 47.7        | 74             |
| 22058.750000    | 26.5          | V            | 283.0         | 34.6                   | -8.1                | 47.5        | 74             |
| 24740.500000    | 27.2          | H            | 28.0          | 33.7                   | -6.5                | 46.8        | 74             |
| 25227.125000    | 29.4          | H            | 105.0         | 35.3                   | -5.9                | 44.6        | 74             |

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

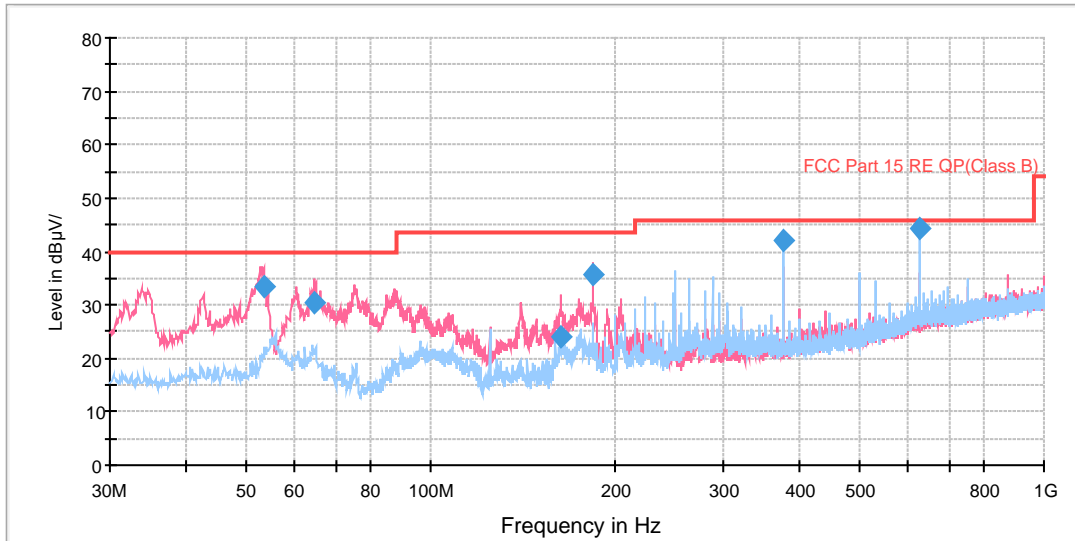
| Frequency (MHz) | Average (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18384.625000    | 19.8             | H            | 135.0         | 24.6                   | -4.8                | 34.2        | 54             |
| 19487.500000    | 15.6             | H            | 81.0          | 23.3                   | -7.7                | 38.4        | 54             |
| 21632.687500    | 14.4             | V            | 298.0         | 23.5                   | -9.1                | 39.6        | 54             |
| 23276.375000    | 15.5             | H            | 151.0         | 22.7                   | -7.2                | 38.5        | 54             |
| 24729.875000    | 16.3             | V            | 276.0         | 22.5                   | -6.2                | 37.7        | 54             |
| 25221.812500    | 18.0             | H            | 135.0         | 23.9                   | -5.9                | 36.0        | 54             |

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



802.11ac HT40 CH151

FCC RE 0.03-1GHz QP Class B

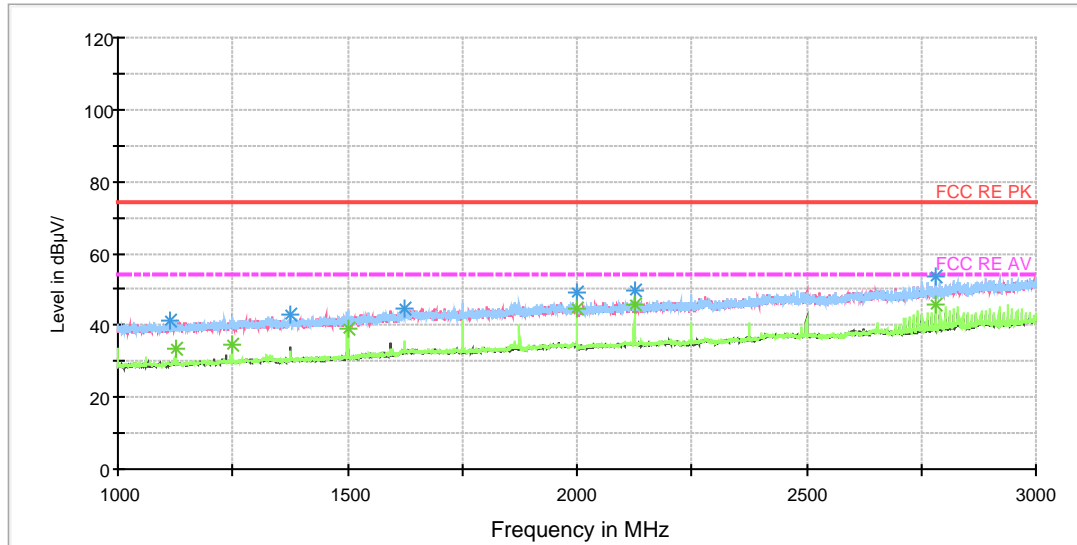


Radiates Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 53.356550       | 33.5                | 100.0       | V            | 111.0         | 46.3                   | 12.8                | 6.5         | 40.0           |
| 64.532400       | 30.4                | 100.0       | V            | 26.0          | 41.1                   | 10.7                | 9.6         | 40.0           |
| 163.329500      | 24.2                | 100.0       | V            | 0.0           | 34.1                   | 9.9                 | 19.3        | 43.5           |
| 184.270000      | 35.7                | 100.0       | V            | 17.0          | 46.8                   | 11.1                | 7.8         | 43.5           |
| 374.996250      | 42.2                | 100.0       | H            | 146.0         | 59.6                   | 17.4                | 3.8         | 46.0           |
| 625.015000      | 44.3                | 114.0       | H            | 10.0          | 66.5                   | 22.2                | 1.7         | 46.0           |

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

RE 1G-3GHz PK+AV



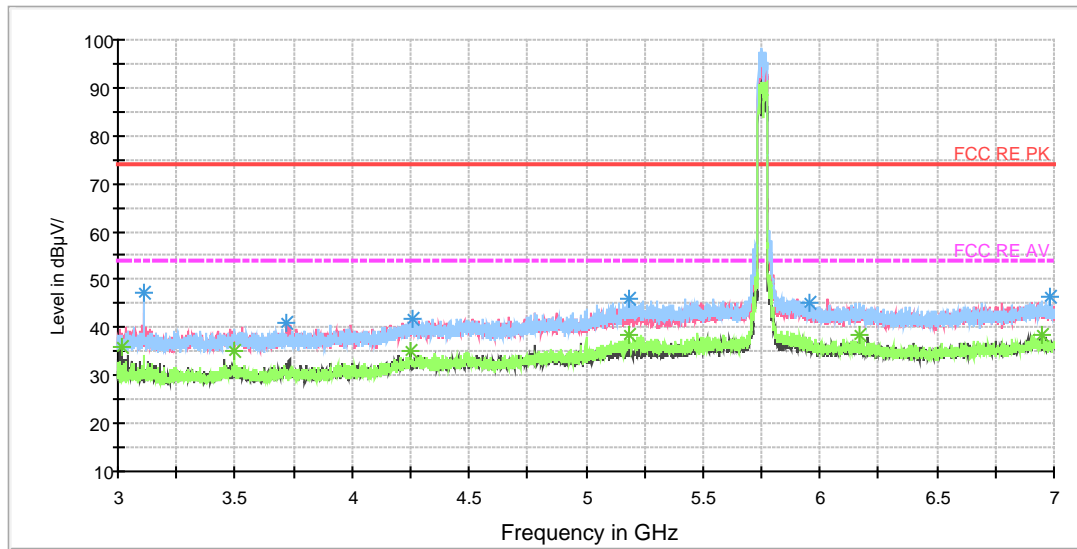
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1114.250000     | 41.0          | 201.0       | H            | 76.0          | 49.6                   | -8.6                | 33.0        | 74             |
| 1377.250000     | 42.9          | 201.0       | V            | 304.0         | 50.0                   | -7.1                | 31.1        | 74             |
| 1625.000000     | 44.8          | 201.0       | H            | 271.0         | 49.6                   | -4.8                | 29.2        | 74             |
| 1999.750000     | 48.8          | 201.0       | H            | 323.0         | 52.2                   | -3.4                | 25.2        | 74             |
| 2125.000000     | 49.9          | 201.0       | H            | 303.0         | 52.2                   | -2.3                | 24.1        | 74             |
| 2782.250000     | 53.4          | 201.0       | H            | 138.0         | 54.3                   | 0.9                 | 20.6        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1124.750000     | 33.7             | 201.0       | H            | 303.0         | 42.1                   | -8.4                | 20.3        | 54             |
| 1250.000000     | 34.4             | 201.0       | H            | 289.0         | 42.4                   | -8.0                | 19.6        | 54             |
| 1500.000000     | 38.9             | 201.0       | H            | 266.0         | 45.6                   | -6.7                | 15.1        | 54             |
| 2000.250000     | 44.4             | 201.0       | H            | 316.0         | 47.8                   | -3.4                | 9.6         | 54             |
| 2125.000000     | 45.9             | 201.0       | H            | 303.0         | 48.2                   | -2.3                | 8.1         | 54             |
| 2782.250000     | 45.9             | 201.0       | H            | 138.0         | 46.8                   | 0.9                 | 8.1         | 54             |

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



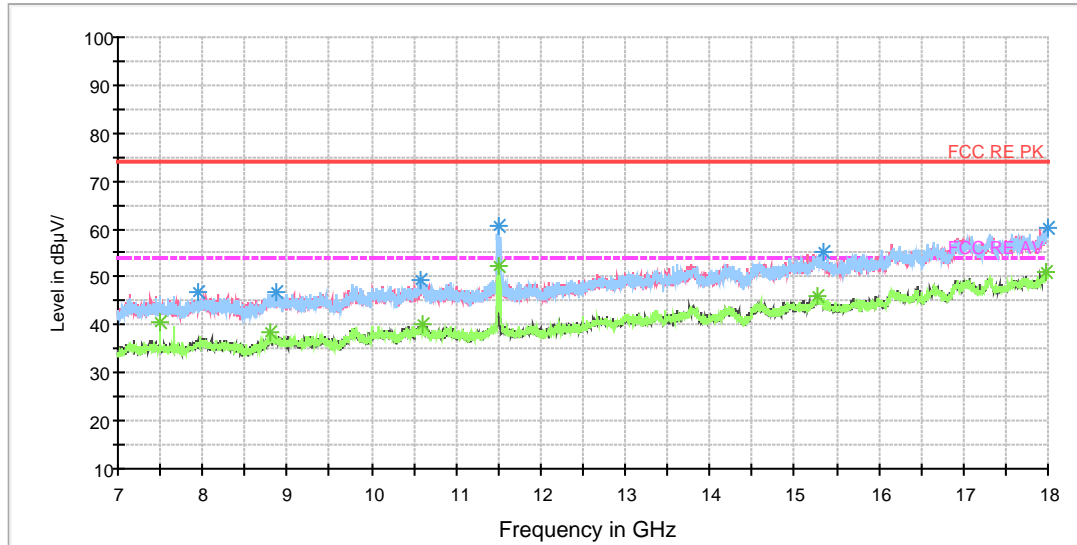
Radiates Emission from 3GHz to 7GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3110.000000     | 47.1          | 102.0       | H            | 229.0         | 48.5                   | -1.4                | 26.9        | 74             |
| 3717.000000     | 40.9          | 102.0       | V            | 166.0         | 41.2                   | -0.3                | 33.1        | 74             |
| 4258.000000     | 42.0          | 102.0       | V            | 250.0         | 44.0                   | 2.0                 | 32.0        | 74             |
| 5186.000000     | 45.8          | 102.0       | H            | 250.0         | 49.4                   | 3.6                 | 28.2        | 74             |
| 5959.000000     | 45.4          | 102.0       | V            | 232.0         | 51.5                   | 6.1                 | 28.6        | 74             |
| 6979.000000     | 46.5          | 102.0       | H            | 150.0         | 53.0                   | 6.5                 | 27.5        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3017.000000     | 35.8             | 102.0       | V            | 250.0         | 37.7                   | -1.9                | 18.2        | 54             |
| 3500.000000     | 35.2             | 102.0       | H            | 150.0         | 35.7                   | -0.5                | 18.8        | 54             |
| 4250.000000     | 35.1             | 102.0       | V            | 199.0         | 37.1                   | 2.0                 | 18.9        | 54             |
| 5186.000000     | 38.5             | 102.0       | H            | 250.0         | 42.1                   | 3.6                 | 15.5        | 54             |
| 6170.500000     | 38.6             | 102.0       | H            | 196.0         | 44.6                   | 6.0                 | 15.4        | 54             |
| 6946.000000     | 38.3             | 102.0       | H            | 150.0         | 45.0                   | 6.7                 | 15.7        | 54             |

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



Radiates Emission from 7GHz to 18GHz

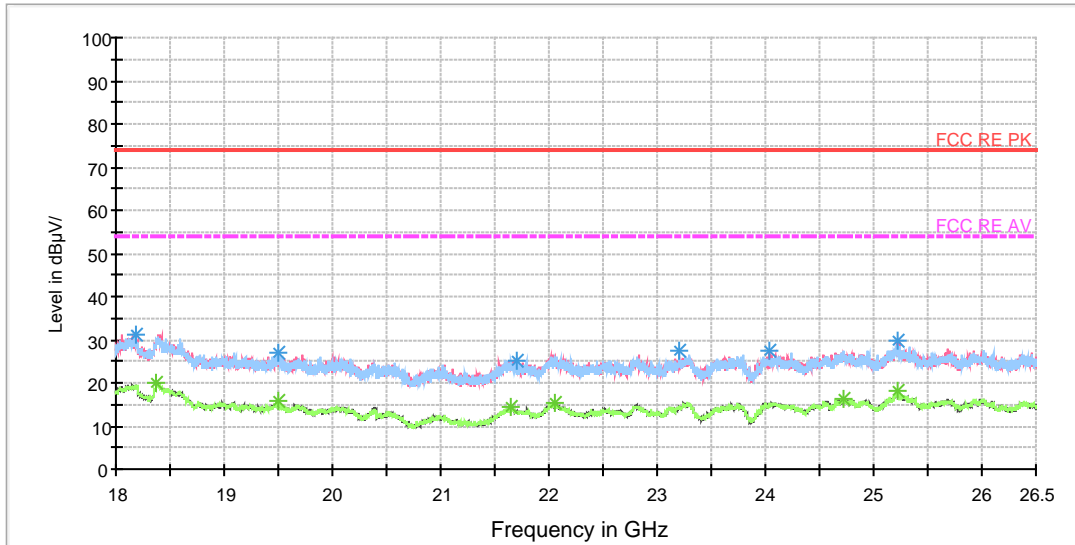
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7943.250000     | 47.0          | 101.0       | H            | 272.0         | 55.8                   | 8.8                 | 27.0        | 74             |
| 8865.875000     | 47.0          | 101.0       | V            | 315.0         | 57.1                   | 10.1                | 27.0        | 74             |
| 10586.000000    | 49.4          | 101.0       | H            | 32.0          | 62.9                   | 13.5                | 24.6        | 74             |
| 11510.000000    | 60.7          | 101.0       | H            | 125.0         | 74.7                   | 14.0                | 13.3        | 74             |
| 15344.875000    | 55.2          | 101.0       | H            | 77.0          | 74.4                   | 19.2                | 18.8        | 74             |
| 17994.500000    | 60.4          | 101.0       | V            | 254.0         | 85.7                   | 25.3                | 13.6        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7499.125000     | 40.6             | 101.0       | H            | 192.0         | 48.3                   | 7.7                 | 13.4        | 54             |
| 8793.000000     | 38.6             | 101.0       | H            | 125.0         | 47.8                   | 9.2                 | 15.4        | 54             |
| 10598.375000    | 40.3             | 101.0       | H            | 32.0          | 53.9                   | 13.6                | 13.7        | 54             |
| 11514.125000    | 52.3             | 101.0       | H            | 125.0         | 66.3                   | 14.0                | 1.7         | 54             |
| 15269.250000    | 45.9             | 101.0       | V            | 133.0         | 65.6                   | 19.7                | 8.1         | 54             |
| 17971.125000    | 51.2             | 101.0       | V            | 303.0         | 76.3                   | 25.1                | 2.8         | 54             |

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

| Frequency (MHz) | Peak (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18184.875000    | 31.3          | H            | 21.0          | 36.2                   | -4.9                | 42.7        | 74             |
| 19493.875000    | 26.9          | V            | 196.0         | 34.5                   | -7.6                | 47.1        | 74             |
| 21704.937500    | 25.3          | V            | 142.0         | 34.7                   | -9.4                | 48.7        | 74             |
| 23211.562500    | 27.3          | H            | 58.0          | 35.7                   | -8.4                | 46.7        | 74             |
| 24036.062500    | 27.6          | V            | 126.0         | 35.5                   | -7.9                | 46.4        | 74             |
| 25223.937500    | 29.7          | V            | 196.0         | 35.6                   | -5.9                | 44.3        | 74             |

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

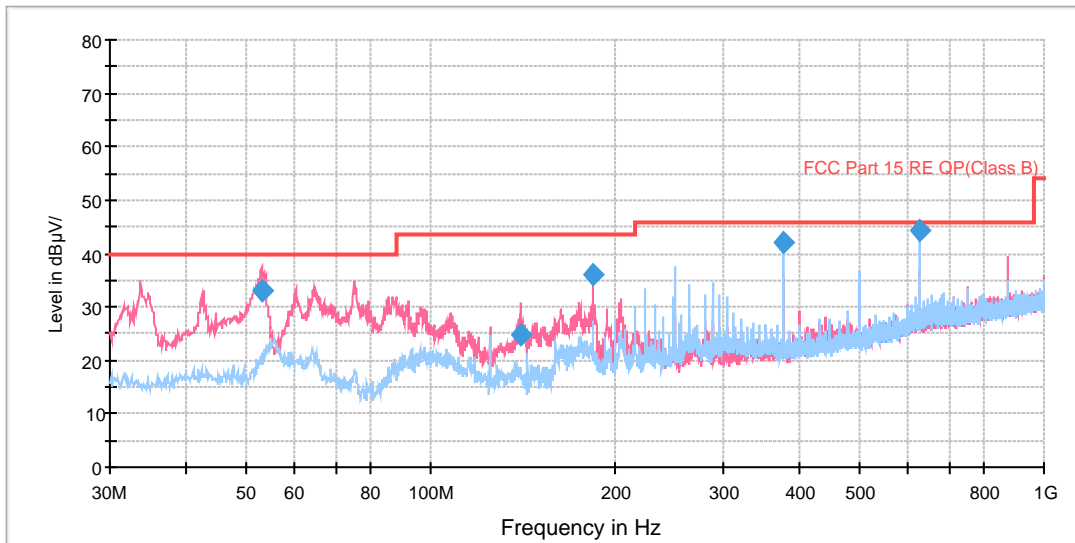
| Frequency (MHz) | Average (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18376.125000    | 20.1             | V            | 134.0         | 24.8                   | -4.7                | 33.9        | 54             |
| 19492.812500    | 16.0             | H            | 96.0          | 23.6                   | -7.6                | 38.0        | 54             |
| 21652.875000    | 14.4             | H            | 103.0         | 23.6                   | -9.2                | 39.6        | 54             |
| 22054.500000    | 15.3             | H            | 0.0           | 23.4                   | -8.1                | 38.7        | 54             |
| 24728.812500    | 16.4             | V            | 211.0         | 22.6                   | -6.2                | 37.6        | 54             |
| 25223.937500    | 18.0             | H            | 44.0          | 23.9                   | -5.9                | 36.0        | 54             |

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



802.11ac HT40 CH159

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 53.109500       | 33.3                | 100.0       | V            | 109.0         | 46.1                   | 12.8                | 6.7         | 40.0           |
| 53.314550       | 33.2                | 100.0       | V            | 153.0         | 46.0                   | 12.8                | 6.8         | 40.0           |
| 140.305000      | 25.0                | 100.0       | V            | 0.0           | 33.9                   | 8.9                 | 18.5        | 43.5           |
| 184.270000      | 36.0                | 100.0       | V            | 338.0         | 47.1                   | 11.1                | 7.5         | 43.5           |
| 374.996250      | 42.2                | 100.0       | H            | 146.0         | 59.6                   | 17.4                | 3.8         | 46.0           |
| 625.015000      | 44.2                | 114.0       | H            | 10.0          | 66.4                   | 22.2                | 1.8         | 46.0           |

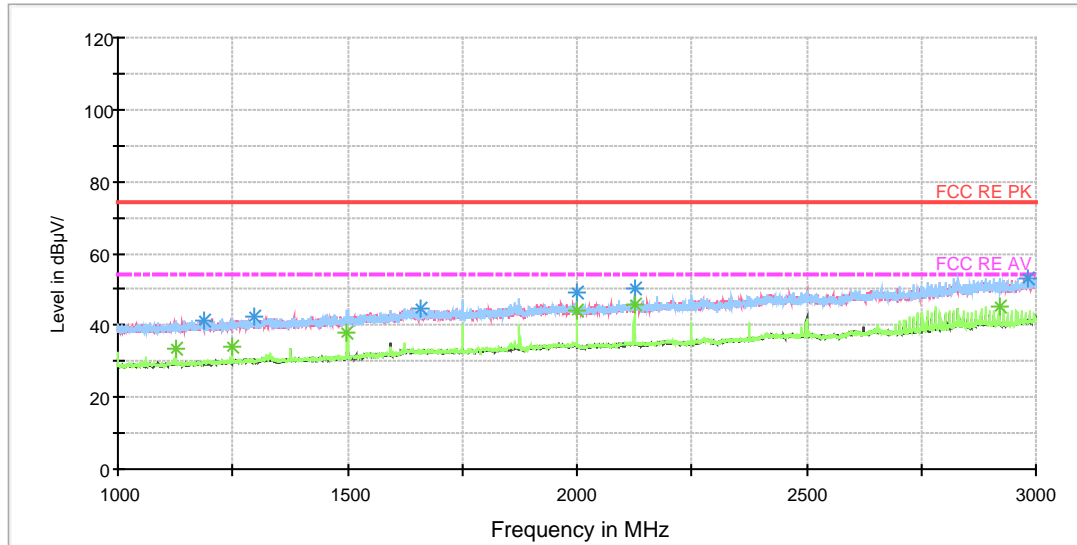
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak



RE 1G-3GHz PK+AV



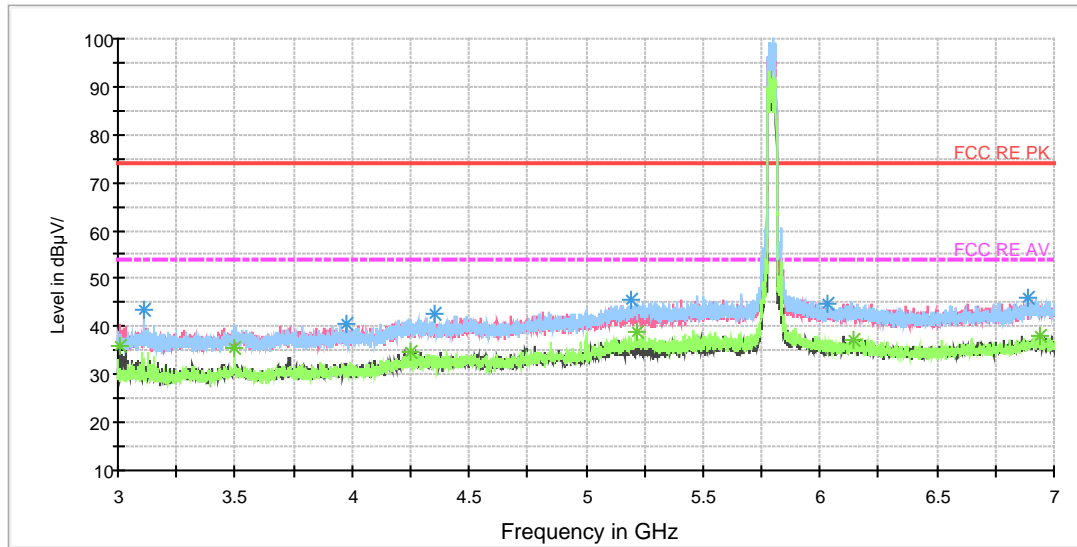
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1189.500000     | 41.3          | 201.0       | H            | 223.0         | 49.5                   | -8.2                | 32.7        | 74             |
| 1295.000000     | 42.4          | 201.0       | H            | 143.0         | 50.2                   | -7.8                | 31.6        | 74             |
| 1658.000000     | 44.8          | 201.0       | H            | 0.0           | 50.0                   | -5.2                | 29.2        | 74             |
| 2000.000000     | 49.0          | 201.0       | H            | 324.0         | 52.4                   | -3.4                | 25.0        | 74             |
| 2125.000000     | 50.1          | 201.0       | H            | 296.0         | 52.4                   | -2.3                | 23.9        | 74             |
| 2981.500000     | 53.2          | 201.0       | V            | 321.0         | 55.4                   | 2.2                 | 20.8        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1124.750000     | 33.4             | 201.0       | H            | 0.0           | 41.8                   | -8.4                | 20.6        | 54             |
| 1250.000000     | 34.3             | 201.0       | H            | 0.0           | 42.3                   | -8.0                | 19.7        | 54             |
| 1499.750000     | 38.2             | 201.0       | H            | 259.0         | 44.9                   | -6.7                | 15.8        | 54             |
| 2000.000000     | 44.2             | 201.0       | H            | 324.0         | 47.6                   | -3.4                | 9.8         | 54             |
| 2125.000000     | 45.7             | 201.0       | H            | 296.0         | 48.0                   | -2.3                | 8.3         | 54             |
| 2919.750000     | 45.1             | 201.0       | H            | 150.0         | 46.9                   | 1.8                 | 8.9         | 54             |

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



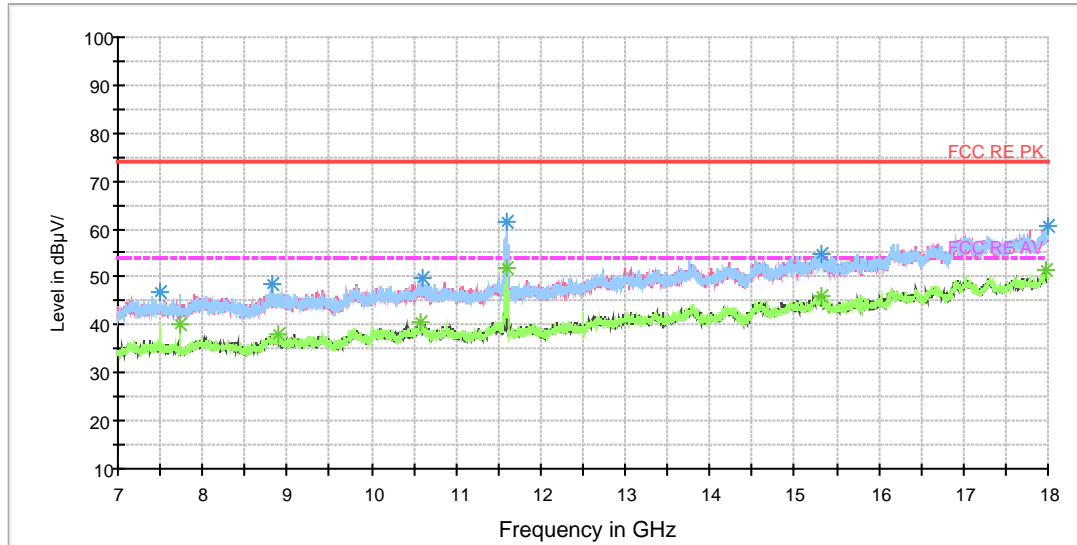
Radiates Emission from 3GHz to 7GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3110.000000     | 43.7          | 102.0       | V            | 211.0         | 45.1                   | -1.4                | 30.3        | 74             |
| 3974.000000     | 40.4          | 102.0       | V            | 167.0         | 40.7                   | 0.3                 | 33.6        | 74             |
| 4354.000000     | 42.8          | 102.0       | H            | 152.0         | 44.9                   | 2.1                 | 31.2        | 74             |
| 5192.000000     | 45.4          | 102.0       | H            | 152.0         | 49.0                   | 3.6                 | 28.6        | 74             |
| 6031.500000     | 44.7          | 102.0       | H            | 165.0         | 50.8                   | 6.1                 | 29.3        | 74             |
| 6891.000000     | 45.8          | 102.0       | H            | 152.0         | 52.7                   | 6.9                 | 28.2        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3007.000000     | 35.8             | 102.0       | V            | 250.0         | 37.8                   | -2.0                | 18.2        | 54             |
| 3500.000000     | 35.4             | 102.0       | H            | 152.0         | 35.9                   | -0.5                | 18.6        | 54             |
| 4249.500000     | 34.9             | 102.0       | V            | 245.0         | 36.8                   | 1.9                 | 19.1        | 54             |
| 5221.500000     | 38.9             | 102.0       | H            | 150.0         | 42.5                   | 3.6                 | 15.1        | 54             |
| 6142.000000     | 37.2             | 102.0       | V            | 250.0         | 43.2                   | 6.0                 | 16.8        | 54             |
| 6936.500000     | 38.2             | 102.0       | V            | 200.0         | 45.0                   | 6.8                 | 15.8        | 54             |

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



Radiates Emission from 7GHz to 18GHz

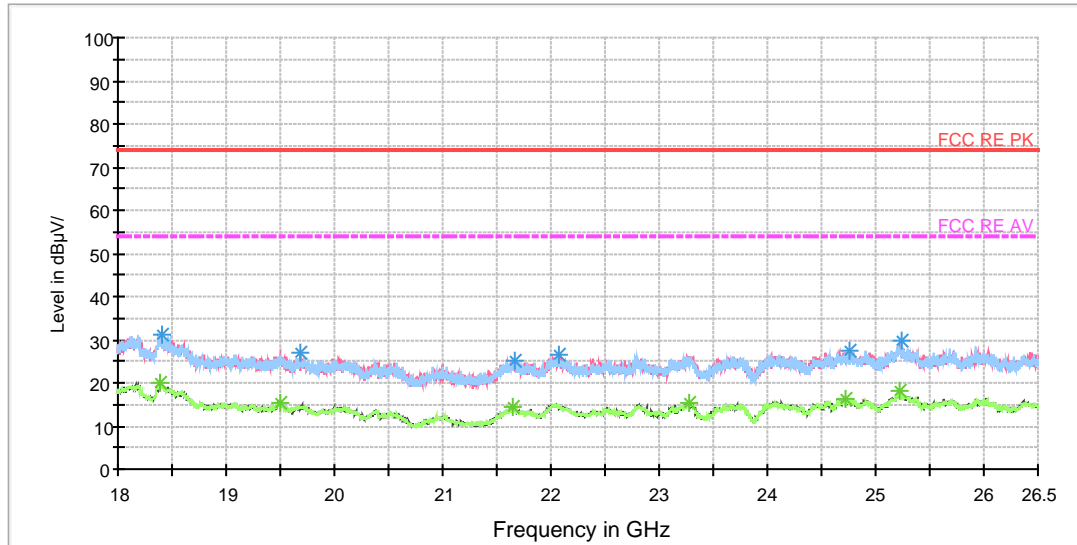
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7499.125000     | 46.7          | 101.0       | H            | 189.0         | 54.4                   | 7.7                 | 27.3        | 74             |
| 8834.250000     | 48.5          | 101.0       | H            | 178.0         | 58.2                   | 9.7                 | 25.5        | 74             |
| 10598.375000    | 49.7          | 101.0       | H            | 9.0           | 63.3                   | 13.6                | 24.3        | 74             |
| 11595.250000    | 61.5          | 101.0       | H            | 134.0         | 75.4                   | 13.9                | 12.5        | 74             |
| 15320.125000    | 54.9          | 101.0       | H            | 134.0         | 74.3                   | 19.4                | 19.1        | 74             |
| 17989.000000    | 60.5          | 101.0       | H            | 19.0          | 85.8                   | 25.3                | 13.5        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7726.000000     | 40.0             | 101.0       | H            | 223.0         | 48.5                   | 8.5                 | 14.0        | 54             |
| 8893.375000     | 38.1             | 101.0       | H            | 0.0           | 48.5                   | 10.4                | 15.9        | 54             |
| 10584.625000    | 40.4             | 101.0       | V            | 312.0         | 53.9                   | 13.5                | 13.6        | 54             |
| 11593.875000    | 51.8             | 101.0       | H            | 134.0         | 65.7                   | 13.9                | 2.2         | 54             |
| 15320.125000    | 46.0             | 101.0       | H            | 134.0         | 65.4                   | 19.4                | 8.0         | 54             |
| 17976.625000    | 51.5             | 101.0       | H            | 200.0         | 76.6                   | 25.1                | 2.5         | 54             |

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

| Frequency (MHz) | Peak (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18406.937500    | 31.2          | H            | 88.0          | 36.2                   | -5.0                | 42.8        | 74             |
| 19692.562500    | 26.8          | V            | 195.0         | 34.6                   | -7.8                | 47.2        | 74             |
| 21661.375000    | 25.3          | V            | 300.0         | 34.5                   | -9.2                | 48.7        | 74             |
| 22068.312500    | 26.4          | V            | 232.0         | 34.5                   | -8.1                | 47.6        | 74             |
| 24760.687500    | 27.2          | V            | 247.0         | 33.9                   | -6.7                | 46.8        | 74             |
| 25235.625000    | 29.7          | H            | 96.0          | 35.7                   | -6.0                | 44.3        | 74             |

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

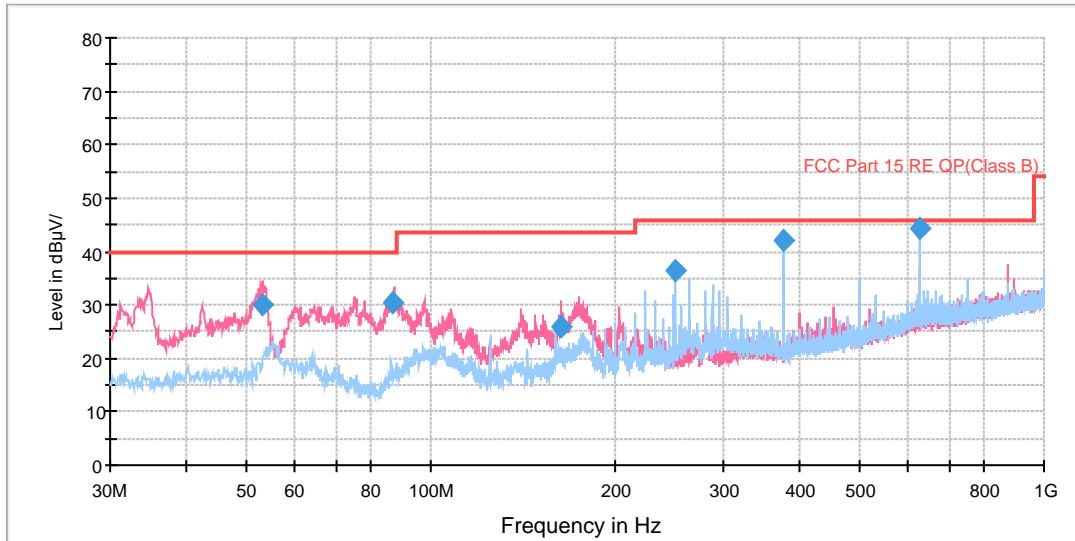
| Frequency (MHz) | Average (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18393.125000    | 20.0             | V            | 291.0         | 24.9                   | -4.9                | 34.0        | 54             |
| 19493.875000    | 15.5             | V            | 188.0         | 23.1                   | -7.6                | 38.5        | 54             |
| 21652.875000    | 14.3             | V            | 300.0         | 23.5                   | -9.2                | 39.7        | 54             |
| 23271.062500    | 15.3             | V            | 232.0         | 22.5                   | -7.2                | 38.7        | 54             |
| 24718.187500    | 16.2             | H            | 81.0          | 22.6                   | -6.4                | 37.8        | 54             |
| 25226.062500    | 18.0             | V            | 134.0         | 23.9                   | -5.9                | 36.0        | 54             |

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



802.11ac HT80 CH42

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

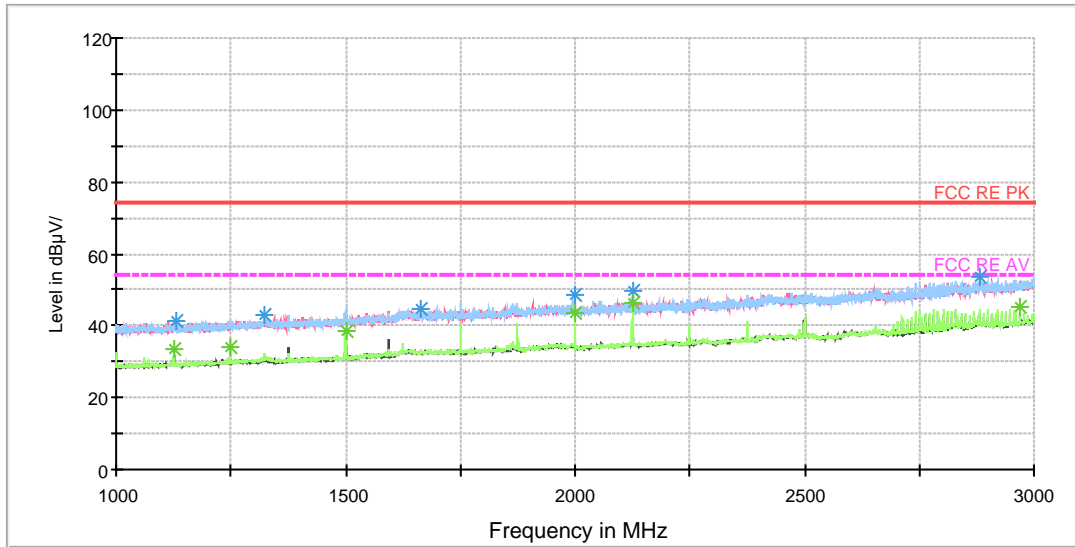
| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 53.318750       | 30.0                | 100.0       | V            | 99.0          | 42.8                   | 12.8                | 10.0        | 40.0           |
| 86.708750       | 30.3                | 125.0       | V            | 94.0          | 41.0                   | 10.7                | 9.7         | 40.0           |
| 162.893750      | 26.1                | 100.0       | V            | 292.0         | 36.0                   | 9.9                 | 17.4        | 43.5           |
| 249.987500      | 36.4                | 100.0       | H            | 0.0           | 50.5                   | 14.1                | 9.6         | 46.0           |
| 374.997500      | 42.1                | 100.0       | H            | 147.0         | 59.5                   | 17.4                | 3.9         | 46.0           |
| 625.015000      | 44.4                | 114.0       | H            | 10.0          | 66.6                   | 22.2                | 1.6         | 46.0           |

Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

RE 1G-3GHz PK+AV



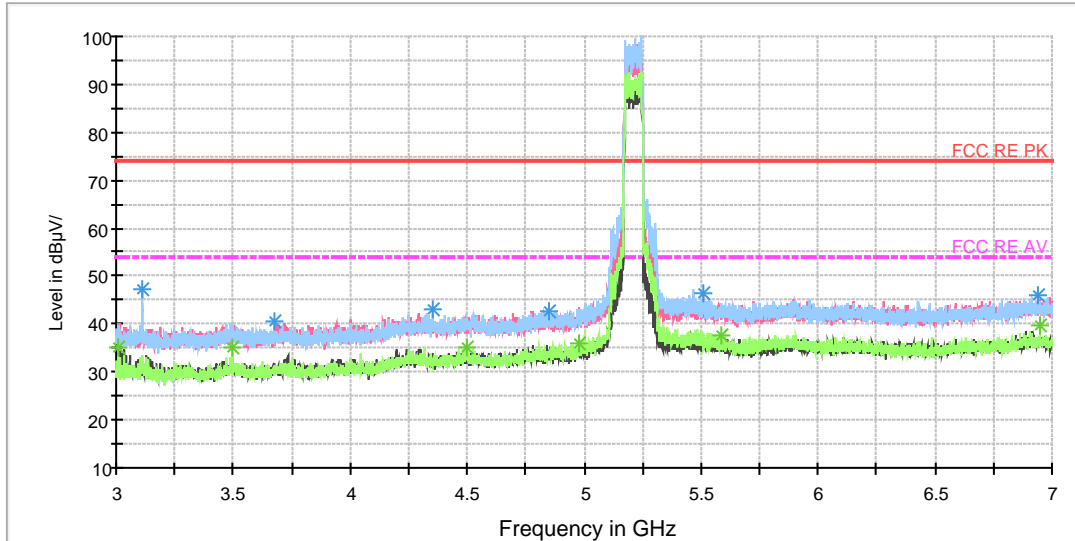
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1132.250000     | 41.3          | 201.0       | V            | 252.0         | 49.7                   | -8.4                | 32.7        | 74             |
| 1323.250000     | 43.0          | 201.0       | H            | 220.0         | 50.3                   | -7.3                | 31.0        | 74             |
| 1664.750000     | 44.7          | 201.0       | H            | 80.0          | 49.9                   | -5.2                | 29.3        | 74             |
| 2000.000000     | 48.4          | 201.0       | H            | 314.0         | 51.8                   | -3.4                | 25.6        | 74             |
| 2125.000000     | 49.8          | 201.0       | H            | 321.0         | 52.1                   | -2.3                | 24.2        | 74             |
| 2880.750000     | 53.5          | 201.0       | H            | 141.0         | 55.8                   | 2.3                 | 20.5        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1124.750000     | 33.3             | 201.0       | H            | 0.0           | 41.7                   | -8.4                | 20.7        | 54             |
| 1250.250000     | 34.1             | 201.0       | H            | 0.0           | 42.1                   | -8.0                | 19.9        | 54             |
| 1500.000000     | 38.5             | 201.0       | H            | 250.0         | 45.2                   | -6.7                | 15.5        | 54             |
| 2000.000000     | 43.8             | 201.0       | H            | 314.0         | 47.2                   | -3.4                | 10.2        | 54             |
| 2125.000000     | 46.3             | 201.0       | H            | 321.0         | 48.6                   | -2.3                | 7.7         | 54             |
| 2968.500000     | 45.2             | 201.0       | H            | 141.0         | 47.4                   | 2.2                 | 8.8         | 54             |

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



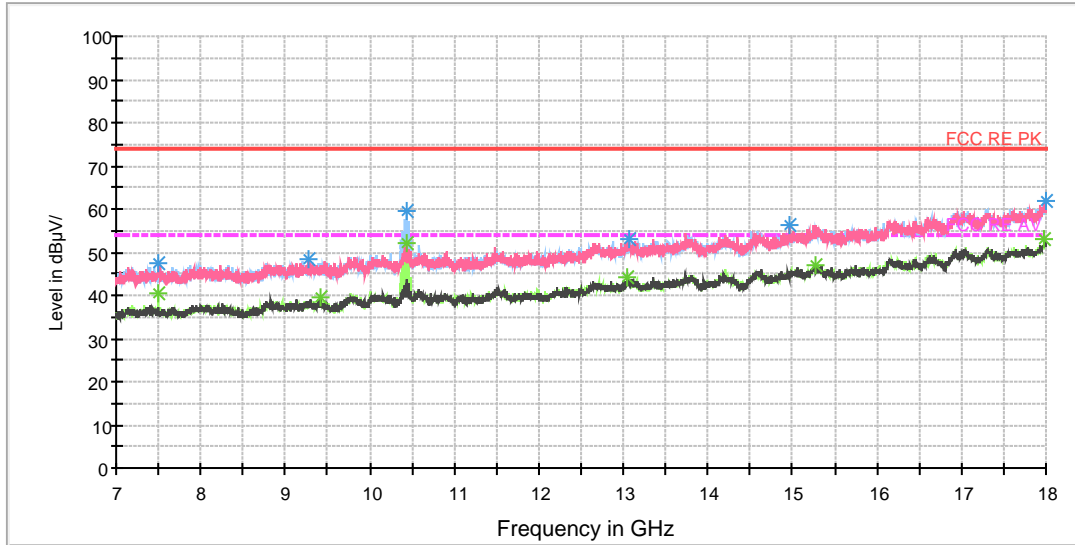
Radiates Emission from 3GHz to 7GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3110.000000     | 47.3          | 102.0       | H            | 235.0         | 48.7                   | -1.4                | 26.7        | 74             |
| 3680.500000     | 40.6          | 102.0       | V            | 250.0         | 41.0                   | -0.4                | 33.4        | 74             |
| 4355.000000     | 43.3          | 102.0       | H            | 150.0         | 45.4                   | 2.1                 | 30.7        | 74             |
| 4848.500000     | 42.6          | 102.0       | H            | 182.0         | 45.5                   | 2.9                 | 31.4        | 74             |
| 5507.000000     | 46.6          | 102.0       | V            | 180.0         | 50.7                   | 4.1                 | 27.4        | 74             |
| 6940.000000     | 46.1          | 102.0       | H            | 160.0         | 52.8                   | 6.7                 | 27.9        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3007.500000     | 35.0             | 102.0       | V            | 250.0         | 37.0                   | -2.0                | 19.0        | 54             |
| 3500.000000     | 35.1             | 102.0       | H            | 150.0         | 35.6                   | -0.5                | 18.9        | 54             |
| 4503.000000     | 35.2             | 102.0       | H            | 170.0         | 37.9                   | 2.7                 | 18.8        | 54             |
| 4977.000000     | 35.8             | 102.0       | V            | 180.0         | 38.8                   | 3.0                 | 18.2        | 54             |
| 5586.000000     | 37.7             | 102.0       | H            | 212.0         | 42.4                   | 4.7                 | 16.3        | 54             |
| 6947.000000     | 39.9             | 102.0       | H            | 182.0         | 46.6                   | 6.7                 | 14.1        | 54             |

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



Radiates Emission from 7GHz to 18GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7499.125000     | 47.2          | 201.0       | H            | 37.0          | 54.9                   | 7.7                 | 26.8        | 74             |
| 9275.625000     | 48.2          | 201.0       | V            | 74.0          | 58.4                   | 10.2                | 25.8        | 74             |
| 10436.125000    | 59.7          | 201.0       | H            | 54.0          | 71.9                   | 12.2                | 14.3        | 74             |
| 13069.250000    | 53.1          | 201.0       | V            | 89.0          | 69.3                   | 16.2                | 20.9        | 74             |
| 14968.125000    | 56.3          | 201.0       | V            | 30.0          | 75.7                   | 19.4                | 17.7        | 74             |
| 17995.875000    | 61.7          | 201.0       | V            | 271.0         | 87.1                   | 25.4                | 12.3        | 74             |

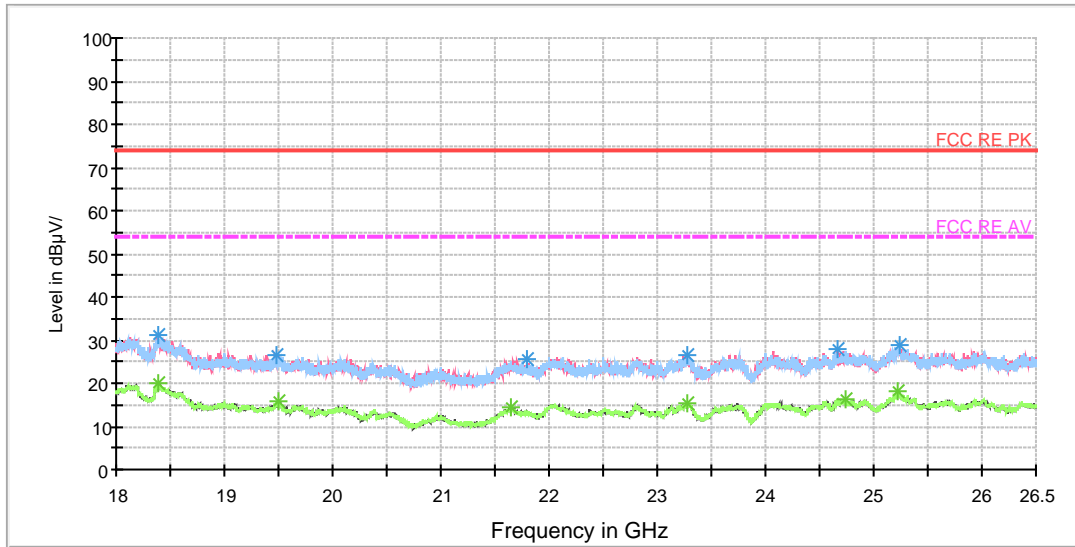
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7499.125000     | 40.6             | 201.0       | H            | 37.0          | 48.3                   | 7.7                 | 13.4        | 54             |
| 9422.750000     | 39.6             | 201.0       | V            | 148.0         | 50.6                   | 11.0                | 14.4        | 54             |
| 10437.500000    | 52.1             | 201.0       | H            | 54.0          | 64.3                   | 12.2                | 1.9         | 54             |
| 13050.000000    | 44.1             | 201.0       | V            | 163.0         | 60.3                   | 16.2                | 9.9         | 54             |
| 15273.375000    | 47.2             | 201.0       | H            | 146.0         | 66.8                   | 19.6                | 6.8         | 54             |
| 17982.125000    | 53.1             | 201.0       | V            | 22.0          | 78.3                   | 25.2                | 0.9         | 54             |

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



RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

| Frequency (MHz) | Peak (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18388.875000    | 31.0          | H            | 51.0          | 35.9                   | -4.9                | 43.0        | 74             |
| 19489.625000    | 26.7          | V            | 32.0          | 34.3                   | -7.6                | 47.3        | 74             |
| 21794.187500    | 25.4          | H            | 58.0          | 34.3                   | -8.9                | 48.6        | 74             |
| 23273.187500    | 26.7          | V            | 300.0         | 33.9                   | -7.2                | 47.3        | 74             |
| 24660.812500    | 27.9          | V            | 0.0           | 34.9                   | -7.0                | 46.1        | 74             |
| 25246.250000    | 28.8          | H            | 0.0           | 35.3                   | -6.5                | 45.2        | 74             |

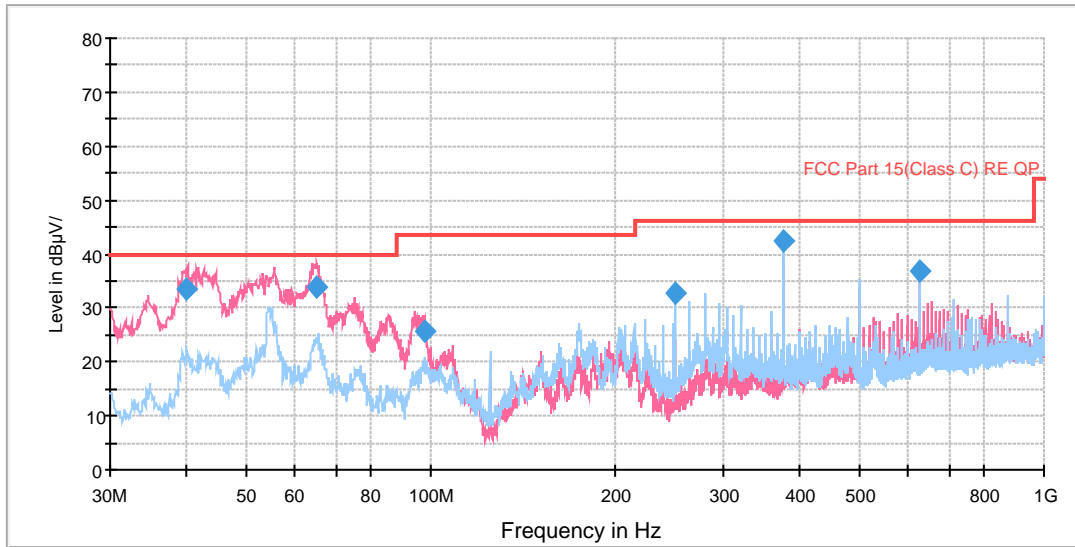
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

| Frequency (MHz) | Average (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18393.125000    | 19.9             | H            | 73.0          | 24.8                   | -4.9                | 34.1        | 54             |
| 19499.187500    | 15.9             | V            | 288.0         | 23.4                   | -7.5                | 38.1        | 54             |
| 21650.750000    | 14.2             | V            | 173.0         | 23.4                   | -9.2                | 39.8        | 54             |
| 23270.000000    | 15.4             | H            | 119.0         | 22.6                   | -7.2                | 38.6        | 54             |
| 24732.000000    | 16.3             | V            | 204.0         | 22.6                   | -6.3                | 37.7        | 54             |
| 25218.625000    | 17.9             | H            | 0.0           | 23.9                   | -6.0                | 36.1        | 54             |

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

802.11ac HT80 CH155

RE 30M-1GHz (PART15 C) QP

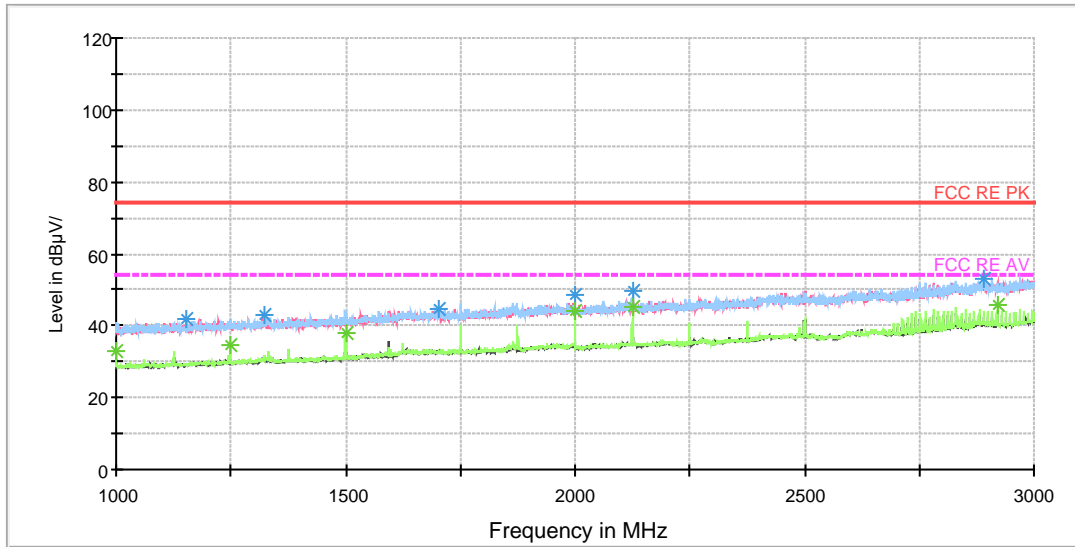


Radiates Emission from 30MHz to 1GHz

| Frequency (MHz) | Quasi-Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 40.005000       | 33.6                | 100.0       | V            | 260.0         | 53.3                   | -19.7               | 6.4         | 40.0           |
| 65.142500       | 34.0                | 100.0       | V            | 45.0          | 57.6                   | -23.6               | 6.0         | 40.0           |
| 97.712500       | 25.6                | 100.0       | V            | 108.0         | 50.9                   | -25.3               | 17.9        | 43.5           |
| 250.007500      | 32.6                | 100.0       | H            | 163.0         | 57.0                   | -24.4               | 13.4        | 46.0           |
| 375.016250      | 42.5                | 100.0       | H            | 7.0           | 64.0                   | -21.5               | 3.5         | 46.0           |
| 624.993750      | 36.7                | 100.0       | H            | 206.0         | 52.8                   | -16.1               | 9.3         | 46.0           |

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

RE 1G-3GHz PK+AV



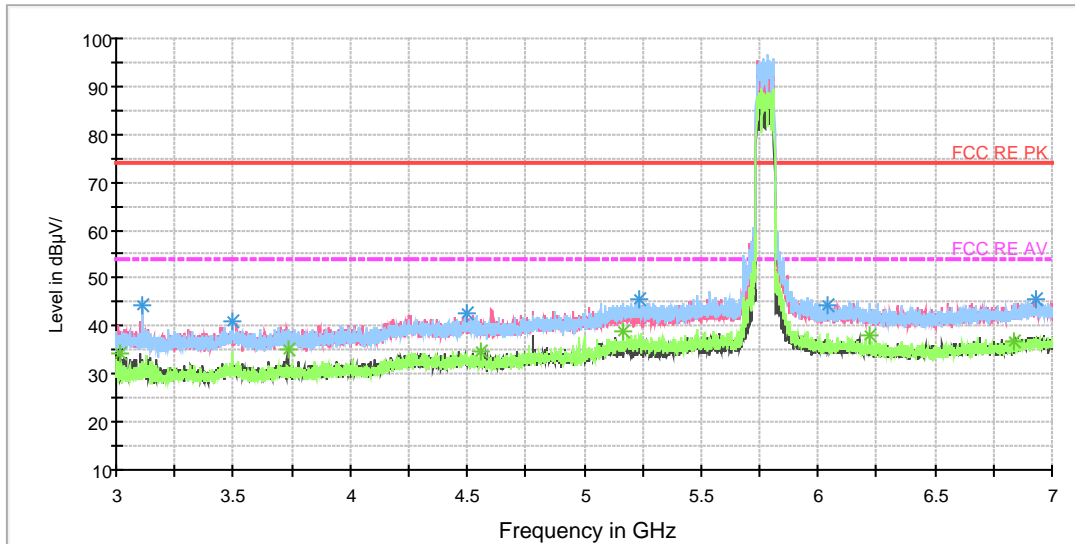
Radiates Emission from 1GHz to 3GHz

| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1152.250000     | 41.7          | 201.0       | V            | 240.0         | 32.3                   | -8.5                | 32.3        | 74             |
| 1323.000000     | 43.2          | 201.0       | H            | 186.0         | 30.8                   | -7.3                | 30.8        | 74             |
| 1702.000000     | 44.7          | 201.0       | V            | 275.0         | 29.3                   | -4.9                | 29.3        | 74             |
| 2000.000000     | 48.6          | 201.0       | H            | 309.0         | 25.4                   | -3.4                | 25.4        | 74             |
| 2125.000000     | 49.9          | 201.0       | H            | 303.0         | 24.1                   | -2.3                | 24.1        | 74             |
| 2890.750000     | 53.1          | 201.0       | H            | 150.0         | 20.9                   | 2.2                 | 20.9        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 1000.000000     | 33.2             | 201.0       | H            | 316.0         | 42.4                   | -9.2                | 20.8        | 54             |
| 1250.250000     | 34.6             | 201.0       | H            | 331.0         | 42.6                   | -8.0                | 19.4        | 54             |
| 1500.000000     | 38.2             | 201.0       | H            | 266.0         | 44.9                   | -6.7                | 15.8        | 54             |
| 2000.000000     | 44.3             | 201.0       | H            | 309.0         | 47.7                   | -3.4                | 9.7         | 54             |
| 2125.000000     | 45.3             | 201.0       | H            | 303.0         | 47.6                   | -2.3                | 8.7         | 54             |
| 2919.750000     | 45.7             | 201.0       | H            | 144.0         | 47.5                   | 1.8                 | 8.3         | 54             |

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



Radiates Emission from 3GHz to 7GHz

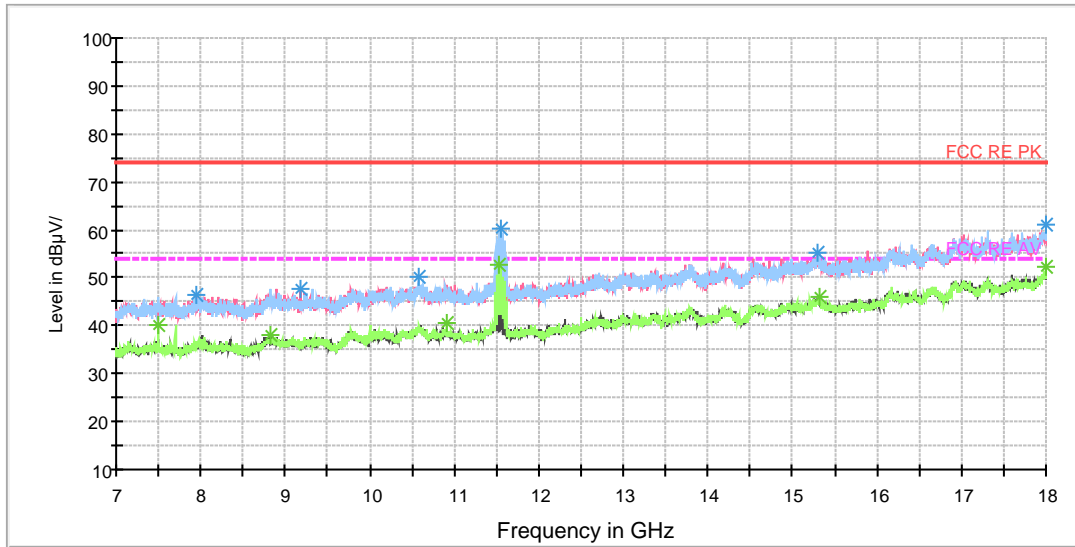
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3109.000000     | 44.4          | 102.0       | H            | 243.0         | 29.6                   | -1.4                | 29.6        | 74             |
| 3499.500000     | 41.0          | 102.0       | H            | 175.0         | 33.0                   | -0.5                | 33.0        | 74             |
| 4497.000000     | 42.7          | 102.0       | V            | 250.0         | 31.3                   | 2.7                 | 31.3        | 74             |
| 5238.000000     | 45.5          | 102.0       | H            | 249.0         | 28.5                   | 3.7                 | 28.5        | 74             |
| 6043.500000     | 44.5          | 102.0       | V            | 189.0         | 29.5                   | 6.1                 | 29.5        | 74             |
| 6928.500000     | 45.7          | 102.0       | H            | 150.0         | 28.3                   | 6.8                 | 28.3        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 3017.000000     | 34.4             | 102.0       | V            | 250.0         | 36.3                   | -1.9                | 19.6        | 54             |
| 3732.500000     | 35.1             | 102.0       | V            | 189.0         | 35.4                   | -0.3                | 18.9        | 54             |
| 4555.500000     | 34.7             | 102.0       | V            | 178.0         | 37.1                   | 2.4                 | 19.3        | 54             |
| 5169.000000     | 39.0             | 102.0       | H            | 250.0         | 42.6                   | 3.6                 | 15.0        | 54             |
| 6221.000000     | 38.0             | 102.0       | H            | 150.0         | 44.1                   | 6.1                 | 16.0        | 54             |
| 6833.000000     | 36.6             | 102.0       | H            | 175.0         | 43.1                   | 6.5                 | 17.4        | 54             |

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

RE 3-18GHz PK+AV



Radiates Emission from 7GHz to 18GHz

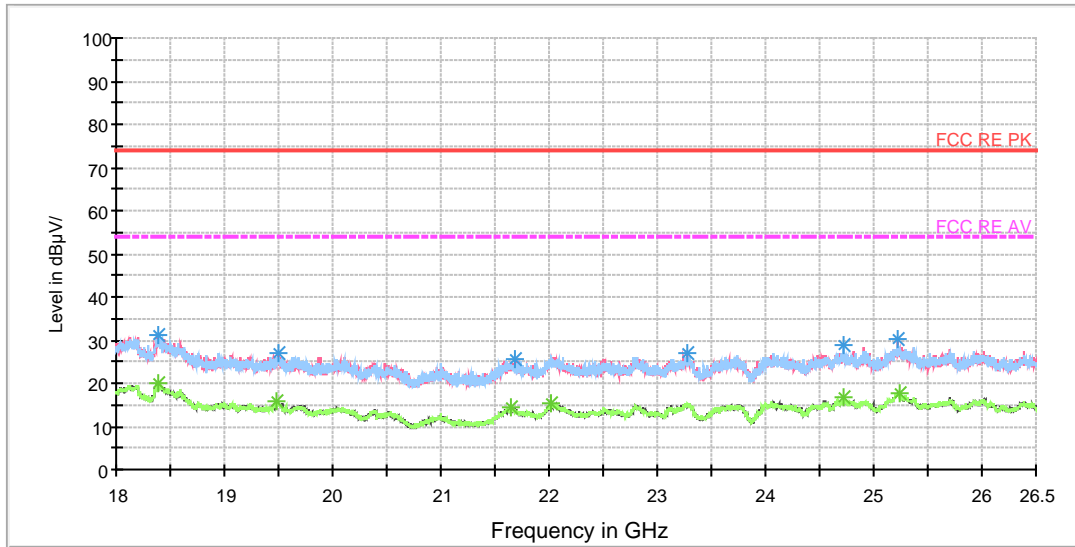
| Frequency (MHz) | Peak (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7951.500000     | 46.2          | 101.0       | V            | 332.0         | 55.0                   | 8.8                 | 27.8        | 74             |
| 9175.250000     | 47.9          | 101.0       | V            | 144.0         | 57.4                   | 9.5                 | 26.1        | 74             |
| 10575.000000    | 50.2          | 101.0       | H            | 169.0         | 63.6                   | 13.4                | 23.8        | 74             |
| 11552.625000    | 60.3          | 101.0       | H            | 125.0         | 74.2                   | 13.9                | 13.7        | 74             |
| 15300.875000    | 55.1          | 101.0       | V            | 0.0           | 74.7                   | 19.6                | 18.9        | 74             |
| 17991.750000    | 60.9          | 101.0       | V            | 234.0         | 86.2                   | 25.3                | 13.1        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Height (cm) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|-------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 7499.125000     | 40.3             | 101.0       | H            | 192.0         | 48.0                   | 7.7                 | 13.7        | 54             |
| 8835.625000     | 37.9             | 101.0       | V            | 122.0         | 47.6                   | 9.7                 | 16.1        | 54             |
| 10902.250000    | 40.5             | 101.0       | H            | 27.0          | 52.9                   | 12.4                | 13.5        | 54             |
| 11533.375000    | 52.5             | 101.0       | H            | 137.0         | 66.5                   | 14.0                | 1.5         | 54             |
| 15325.625000    | 45.8             | 101.0       | V            | 168.0         | 65.2                   | 19.4                | 8.2         | 54             |
| 17991.750000    | 52.1             | 101.0       | V            | 234.0         | 77.4                   | 25.3                | 1.9         | 54             |

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

RE 18-26.5GHz PK+AV



Radiates Emission from 18GHz to 26.5GHz

| Frequency (MHz) | Peak (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|---------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18394.187500    | 31.3          | V            | 189.0         | 36.2                   | -4.9                | 42.7        | 74             |
| 19506.625000    | 27.0          | V            | 300.0         | 34.5                   | -7.5                | 47.0        | 74             |
| 21687.937500    | 25.6          | V            | 237.0         | 34.9                   | -9.3                | 48.4        | 74             |
| 23273.187500    | 27.1          | V            | 74.0          | 34.3                   | -7.2                | 46.9        | 74             |
| 24717.125000    | 28.7          | H            | 27.0          | 35.1                   | -6.4                | 45.3        | 74             |
| 25230.312500    | 30.2          | V            | 205.0         | 36.1                   | -5.9                | 43.8        | 74             |

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

| Frequency (MHz) | Average (dBuV/m) | Polarization | Azimuth (deg) | Reading value (dBuV/m) | Correct Factor (dB) | Margin (dB) | Limit (dBuV/m) |
|-----------------|------------------|--------------|---------------|------------------------|---------------------|-------------|----------------|
| 18394.187500    | 19.9             | H            | 27.0          | 24.8                   | -4.9                | 34.1        | 54             |
| 19485.375000    | 15.7             | H            | 242.0         | 23.4                   | -7.7                | 38.3        | 54             |
| 21647.562500    | 14.3             | H            | 50.0          | 23.5                   | -9.2                | 39.7        | 54             |
| 22017.312500    | 15.5             | H            | 65.0          | 23.6                   | -8.1                | 38.5        | 54             |
| 24721.375000    | 16.5             | V            | 251.0         | 22.8                   | -6.3                | 37.5        | 54             |
| 25238.812500    | 17.9             | H            | 57.0          | 24.1                   | -6.2                | 36.1        | 54             |

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

## 5.6. Conducted Emission

### Ambient condition

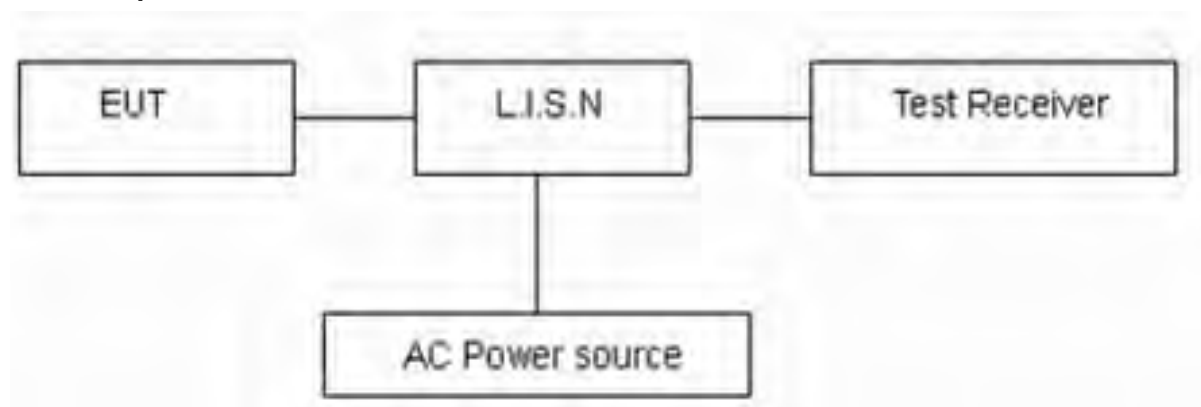
| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.5kPa |

### Methods of Measurement

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10-2013. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

### Test Setup



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

### Limits

| Frequency (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

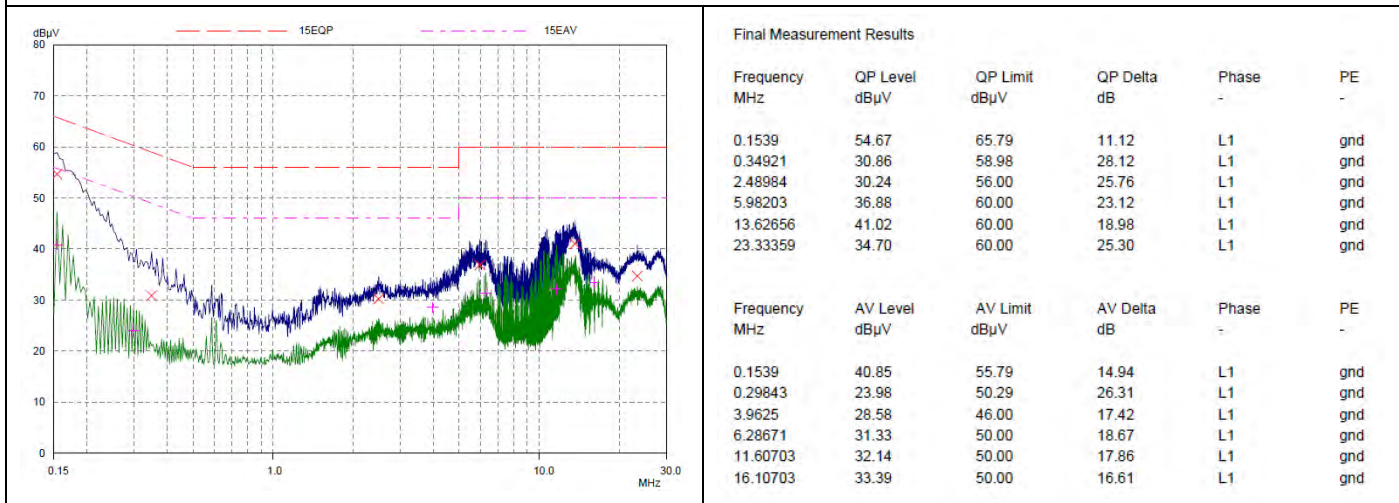
The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ ,  $U = 2.69$  dB.



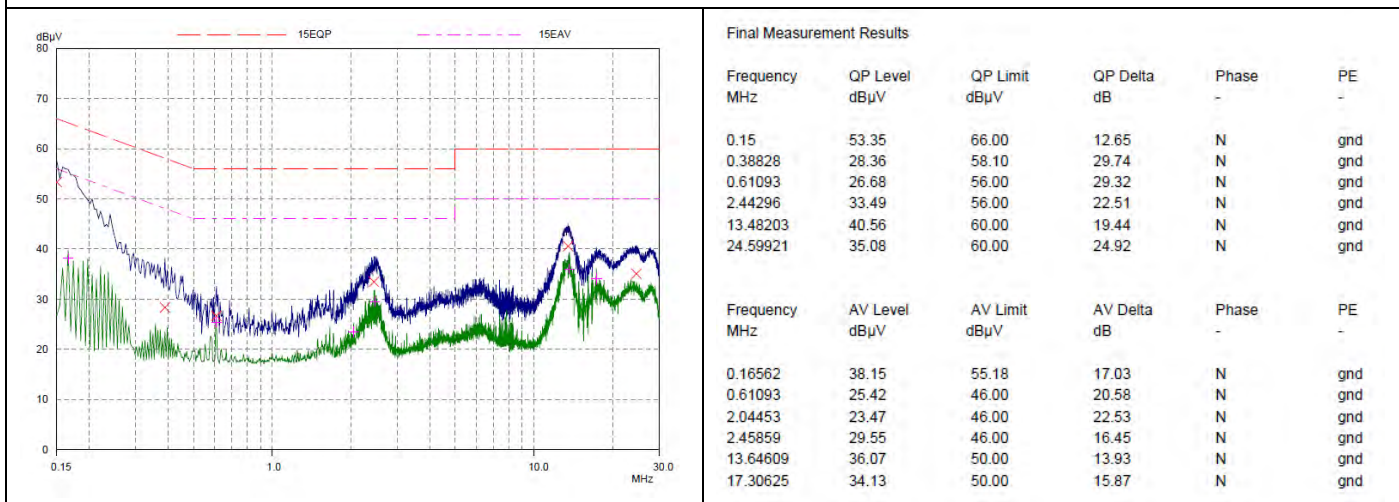
Test Results:

Following plots, Blue trace uses the peak detection, Green trace uses the average detection.

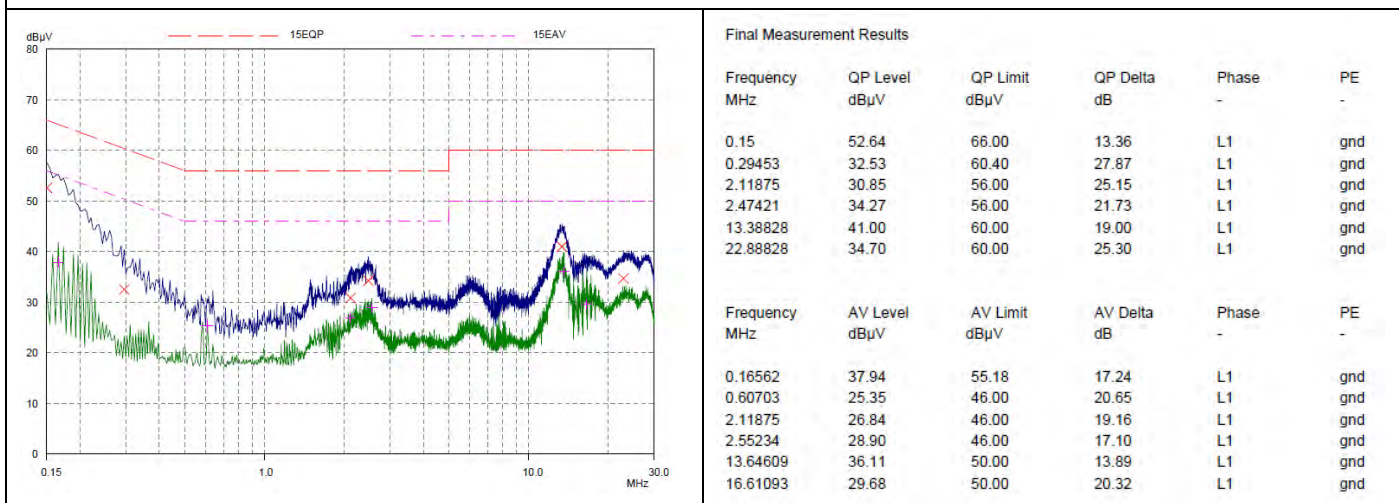
802.11a, Channel No: 36, L Line



802.11a, Channel No: 36, N Line



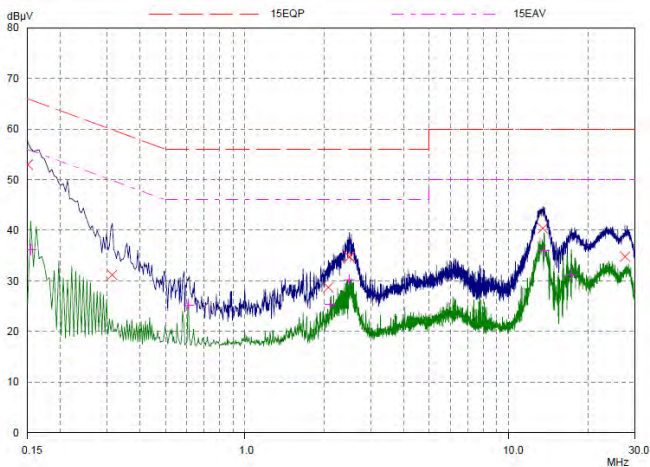
802.11a, Channel No: 40, L Line







### 802.11a, Channel No: 40, N Line

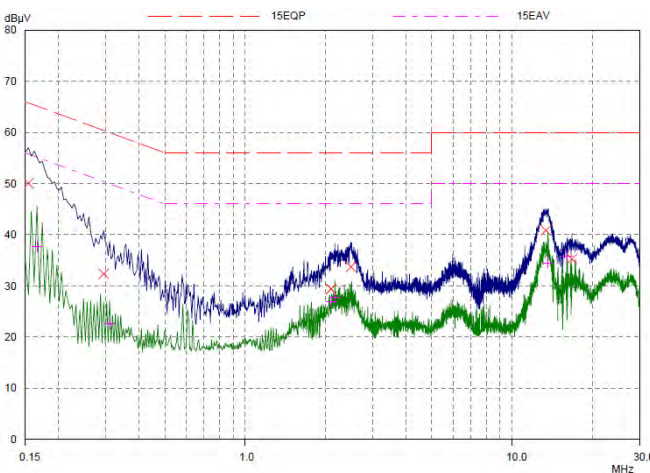


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 52.95         | 66.00         | 13.05       | N     | gnd |
| 0.31406       | 31.18         | 59.86         | 28.68       | N     | gnd |
| 2.07187       | 28.69         | 56.00         | 27.31       | N     | gnd |
| 2.48984       | 34.73         | 56.00         | 21.27       | N     | gnd |
| 13.45468      | 40.38         | 60.00         | 19.62       | N     | gnd |
| 27.57968      | 34.79         | 60.00         | 25.21       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 36.18         | 55.79         | 19.61       | N     | gnd |
| 0.61093       | 25.27         | 46.00         | 20.73       | N     | gnd |
| 2.10703       | 25.43         | 46.00         | 20.57       | N     | gnd |
| 2.48984       | 30.21         | 46.00         | 15.79       | N     | gnd |
| 13.61484      | 35.93         | 50.00         | 14.07       | N     | gnd |
| 17.28281      | 31.23         | 50.00         | 18.77       | N     | gnd |

### 802.11a, Channel No: 48, L Line

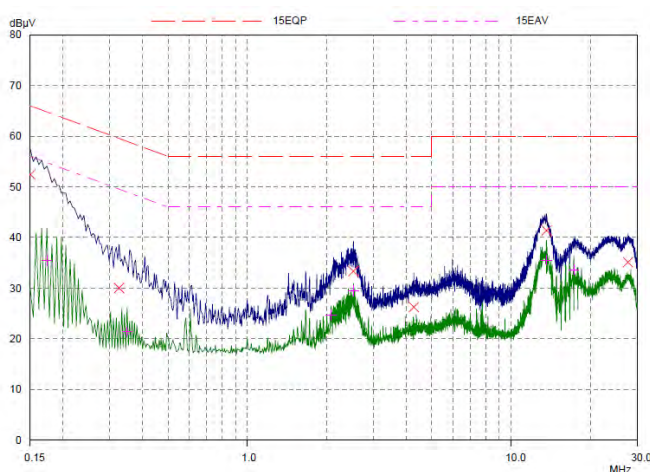


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 50.07         | 65.79         | 15.72       | L1    | gnd |
| 0.29453       | 32.36         | 60.40         | 28.04       | L1    | gnd |
| 2.09531       | 29.39         | 56.00         | 26.61       | L1    | gnd |
| 2.48593       | 33.73         | 56.00         | 22.27       | L1    | gnd |
| 13.37656      | 40.83         | 60.00         | 19.17       | L1    | gnd |
| 16.74374      | 35.25         | 60.00         | 24.75       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16562       | 37.73         | 55.18         | 17.45       | L1    | gnd |
| 0.31015       | 22.56         | 49.97         | 27.41       | L1    | gnd |
| 2.10703       | 26.84         | 46.00         | 19.16       | L1    | gnd |
| 2.16562       | 27.68         | 46.00         | 18.32       | L1    | gnd |
| 13.61875      | 34.50         | 50.00         | 15.50       | L1    | gnd |
| 16.07578      | 35.89         | 50.00         | 14.11       | L1    | gnd |

### 802.11a, Channel No: 48, N Line



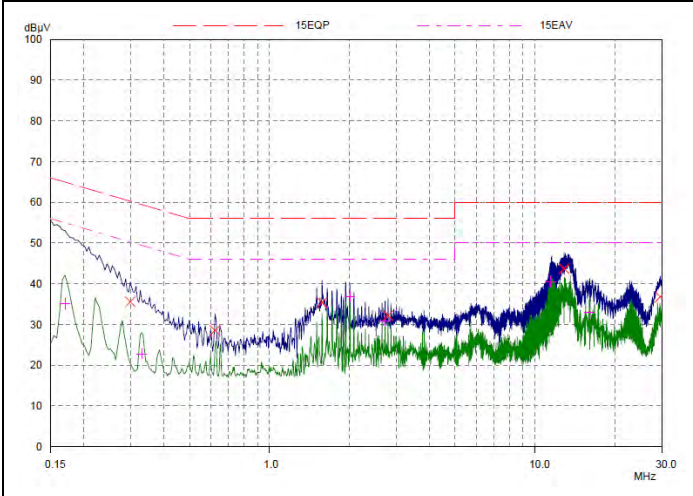
#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 52.42         | 66.00         | 13.58       | N     | gnd |
| 0.32578       | 30.01         | 59.56         | 29.55       | N     | gnd |
| 2.52109       | 33.33         | 56.00         | 22.67       | N     | gnd |
| 4.275         | 26.28         | 56.00         | 29.72       | N     | gnd |
| 13.60703      | 41.37         | 60.00         | 18.63       | N     | gnd |
| 27.7125       | 35.13         | 60.00         | 24.87       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17343       | 35.43         | 54.79         | 19.36       | N     | gnd |
| 0.34921       | 21.38         | 48.98         | 27.60       | N     | gnd |
| 2.07578       | 24.67         | 46.00         | 21.33       | N     | gnd |
| 2.52109       | 29.51         | 46.00         | 16.49       | N     | gnd |
| 13.60312      | 35.51         | 50.00         | 14.49       | N     | gnd |
| 17.27109      | 33.64         | 50.00         | 16.36       | N     | gnd |



802.11a, Channel No: 149, L Line



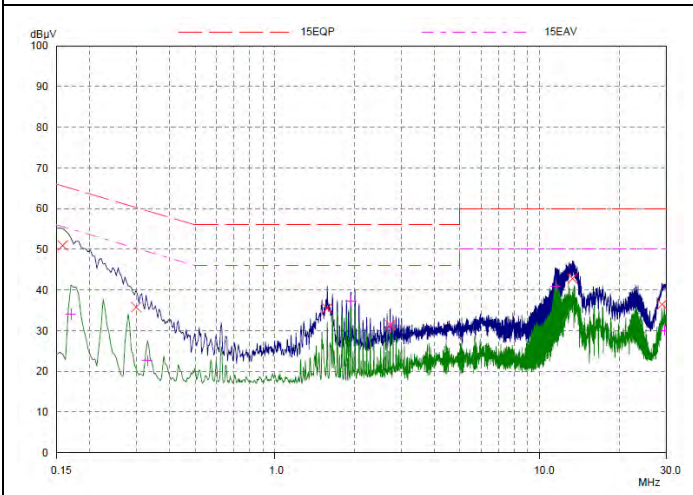
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.60         | 60.29         | 24.69       | L1    | gnd |
| 0.62265       | 28.57         | 56.00         | 27.43       | L1    | gnd |
| 1.57578       | 35.40         | 56.00         | 20.60       | L1    | gnd |
| 2.79453       | 32.23         | 56.00         | 23.77       | L1    | gnd |
| 12.86093      | 43.73         | 60.00         | 16.27       | L1    | gnd |
| 29.62656      | 36.78         | 60.00         | 23.22       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16953       | 35.13         | 54.98         | 19.85       | L1    | gnd |
| 0.32968       | 22.82         | 49.46         | 26.64       | L1    | gnd |
| 2.00545       | 36.84         | 46.00         | 9.16        | L1    | gnd |
| 2.72031       | 30.90         | 46.00         | 15.10       | L1    | gnd |
| 11.4625       | 40.49         | 50.00         | 9.51        | L1    | gnd |
| 16.0289       | 32.97         | 50.00         | 17.03       | L1    | gnd |

802.11a, Channel No: 149, N Line



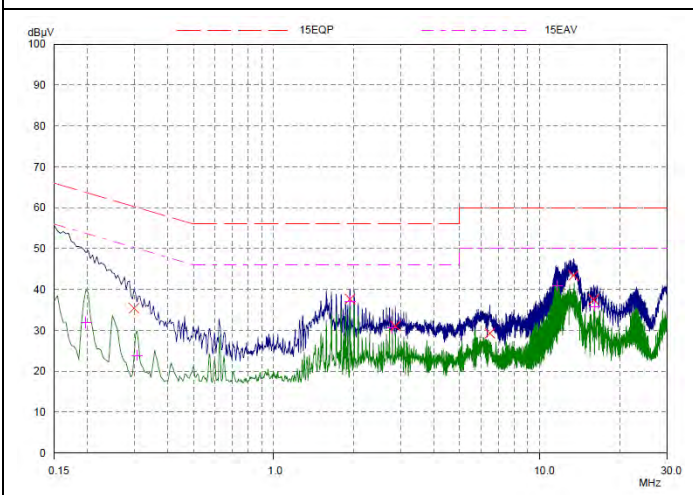
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 50.94         | 65.58         | 14.64       | N     | gnd |
| 0.29843       | 35.78         | 60.29         | 24.51       | N     | gnd |
| 1.57578       | 35.50         | 56.00         | 20.50       | N     | gnd |
| 2.72421       | 31.41         | 56.00         | 24.59       | N     | gnd |
| 13.29062      | 42.81         | 60.00         | 17.19       | N     | gnd |
| 28.99375      | 36.48         | 60.00         | 23.52       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16953       | 34.09         | 54.98         | 20.89       | N     | gnd |
| 0.32968       | 22.67         | 49.46         | 26.79       | N     | gnd |
| 1.93515       | 37.30         | 46.00         | 8.70        | N     | gnd |
| 2.72421       | 30.82         | 46.00         | 15.18       | N     | gnd |
| 11.50156      | 40.86         | 50.00         | 9.14        | N     | gnd |
| 29.53281      | 30.08         | 50.00         | 19.92       | N     | gnd |

802.11a, Channel No: 157, L Line



Final Measurement Results

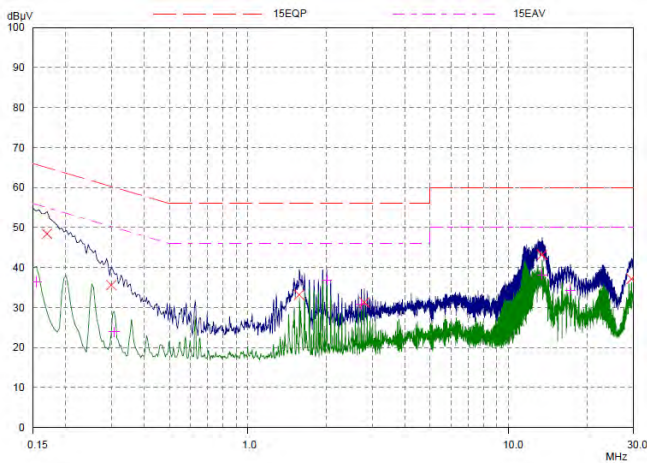
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.42         | 60.29         | 24.87       | L1    | gnd |
| 1.93515       | 37.67         | 56.00         | 18.33       | L1    | gnd |
| 2.86484       | 31.07         | 56.00         | 24.93       | L1    | gnd |
| 6.48593       | 29.32         | 60.00         | 30.68       | L1    | gnd |
| 13.4          | 43.42         | 60.00         | 16.58       | L1    | gnd |
| 15.94296      | 37.53         | 60.00         | 22.47       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.19687       | 31.94         | 53.74         | 21.80       | L1    | gnd |
| 0.30625       | 23.88         | 50.07         | 26.19       | L1    | gnd |
| 1.93515       | 37.15         | 46.00         | 8.85        | L1    | gnd |
| 2.79453       | 30.58         | 46.00         | 15.42       | L1    | gnd |
| 11.64218      | 40.97         | 50.00         | 9.03        | L1    | gnd |
| 16.07968      | 35.83         | 50.00         | 14.17       | L1    | gnd |



802.11a, Channel No: 157, N Line

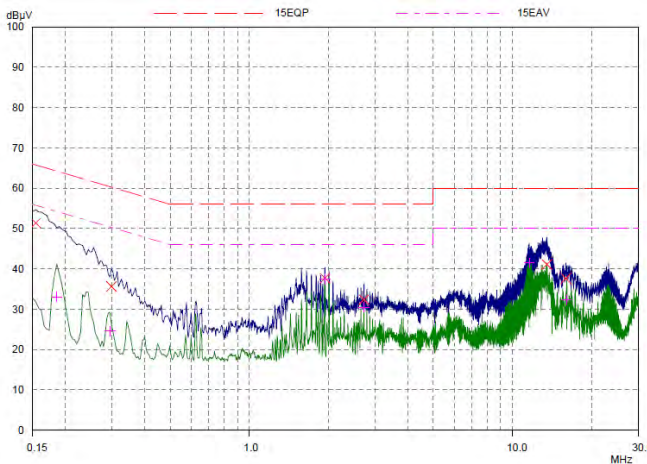


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16953       | 48.45         | 64.98         | 16.53       | N     | gnd |
| 0.29843       | 35.58         | 60.29         | 24.71       | N     | gnd |
| 1.57187       | 33.20         | 56.00         | 22.80       | N     | gnd |
| 2.79453       | 31.31         | 56.00         | 24.69       | N     | gnd |
| 13.43515      | 43.18         | 60.00         | 16.82       | N     | gnd |
| 29.62656      | 37.14         | 60.00         | 22.86       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 36.46         | 55.79         | 19.33       | N     | gnd |
| 0.30625       | 23.92         | 50.07         | 26.15       | N     | gnd |
| 2.00545       | 36.92         | 46.00         | 9.08        | N     | gnd |
| 2.72421       | 30.82         | 46.00         | 15.18       | N     | gnd |
| 13.43125      | 38.21         | 50.00         | 11.79       | N     | gnd |
| 17.25156      | 34.37         | 50.00         | 15.63       | N     | gnd |

802.11a, Channel No: 165, L Line

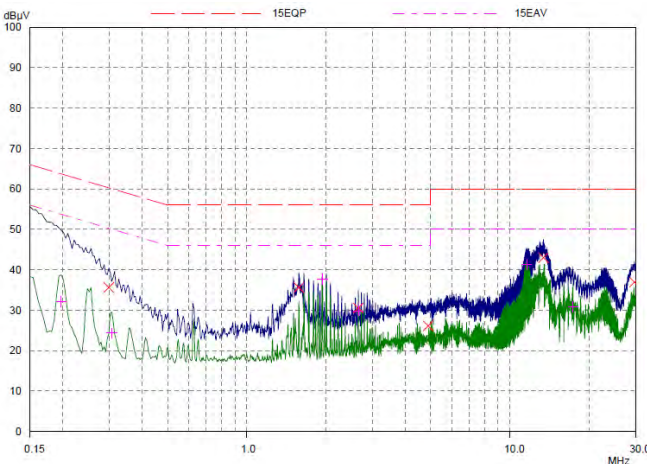


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 51.39         | 65.79         | 14.40       | L1    | gnd |
| 0.29843       | 35.66         | 60.29         | 24.63       | L1    | gnd |
| 1.93515       | 37.69         | 56.00         | 18.31       | L1    | gnd |
| 2.72421       | 32.41         | 56.00         | 23.59       | L1    | gnd |
| 13.50546      | 41.11         | 60.00         | 18.89       | L1    | gnd |
| 15.94296      | 37.61         | 60.00         | 22.39       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18515       | 33.07         | 54.25         | 21.18       | L1    | gnd |
| 0.29453       | 24.61         | 50.40         | 25.79       | L1    | gnd |
| 1.93515       | 37.45         | 46.00         | 8.55        | L1    | gnd |
| 2.72031       | 30.50         | 46.00         | 15.50       | L1    | gnd |
| 11.57187      | 41.50         | 50.00         | 8.50        | L1    | gnd |
| 16.0289       | 32.30         | 50.00         | 17.70       | L1    | gnd |

802.11a, Channel No: 165, N Line



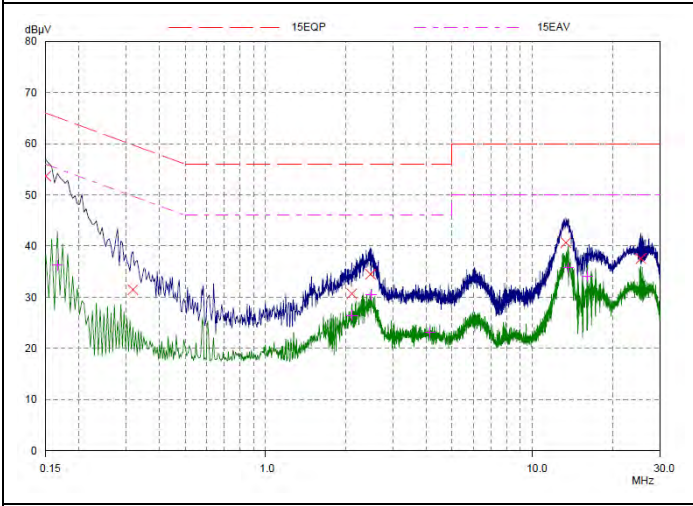
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.62         | 60.29         | 24.67       | N     | gnd |
| 1.57578       | 35.60         | 56.00         | 20.40       | N     | gnd |
| 2.65          | 30.58         | 56.00         | 25.42       | N     | gnd |
| 4.88437       | 26.14         | 56.00         | 29.86       | N     | gnd |
| 13.4          | 43.00         | 60.00         | 17.00       | N     | gnd |
| 29.70078      | 36.95         | 60.00         | 23.05       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.19687       | 32.15         | 53.74         | 21.59       | N     | gnd |
| 0.30625       | 24.35         | 50.07         | 25.72       | N     | gnd |
| 1.93515       | 37.74         | 46.00         | 8.26        | N     | gnd |
| 2.65          | 29.87         | 46.00         | 16.13       | N     | gnd |
| 11.57187      | 41.36         | 50.00         | 8.64        | N     | gnd |
| 17.34921      | 30.86         | 50.00         | 19.14       | N     | gnd |



### 802.11n HT20, Channel No: 36, L Line



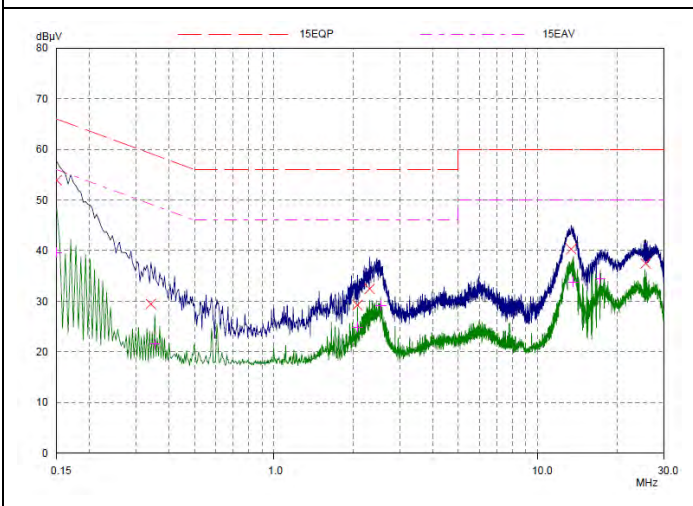
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.66         | 66.00         | 12.34       | L1    | gnd |
| 0.31796       | 31.46         | 59.76         | 28.30       | L1    | gnd |
| 2.10312       | 30.69         | 56.00         | 25.31       | L1    | gnd |
| 2.47421       | 34.49         | 56.00         | 21.51       | L1    | gnd |
| 13.35703      | 40.67         | 60.00         | 19.33       | L1    | gnd |
| 25.47812      | 37.58         | 60.00         | 22.42       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16562       | 36.24         | 55.18         | 18.94       | L1    | gnd |
| 2.10703       | 26.46         | 46.00         | 19.54       | L1    | gnd |
| 2.48984       | 30.46         | 46.00         | 15.54       | L1    | gnd |
| 4.13436       | 23.06         | 46.00         | 22.94       | L1    | gnd |
| 13.62656      | 35.75         | 50.00         | 14.25       | L1    | gnd |
| 16.06406      | 34.10         | 50.00         | 15.90       | L1    | gnd |

### 802.11n HT20, Channel No: 36, N Line



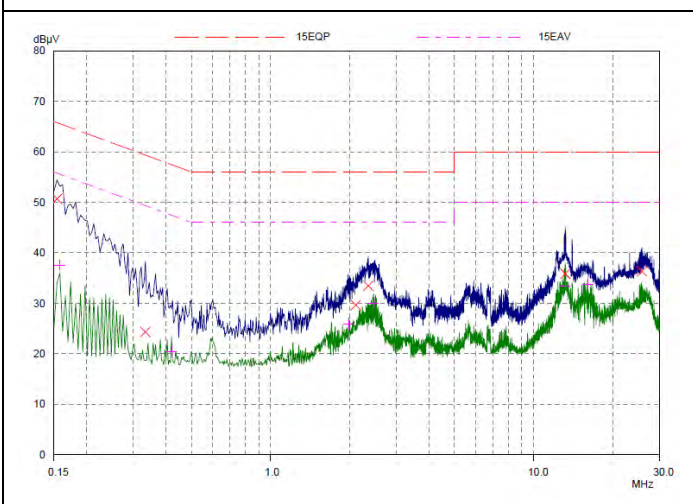
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.92         | 66.00         | 12.08       | N     | gnd |
| 0.3414        | 29.46         | 59.17         | 29.71       | N     | gnd |
| 2.07187       | 29.23         | 56.00         | 26.77       | N     | gnd |
| 2.30234       | 32.47         | 56.00         | 23.53       | N     | gnd |
| 13.39218      | 40.32         | 60.00         | 19.68       | N     | gnd |
| 25.63046      | 37.47         | 60.00         | 22.53       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 39.62         | 56.00         | 16.38       | N     | gnd |
| 0.35312       | 21.56         | 48.89         | 27.33       | N     | gnd |
| 2.07187       | 24.90         | 46.00         | 21.10       | N     | gnd |
| 2.53671       | 29.19         | 46.00         | 16.81       | N     | gnd |
| 13.64609      | 33.82         | 50.00         | 16.18       | N     | gnd |
| 17.25546      | 34.40         | 50.00         | 15.60       | N     | gnd |

### 802.11n HT20, Channel No: 40, L Line



Final Measurement Results

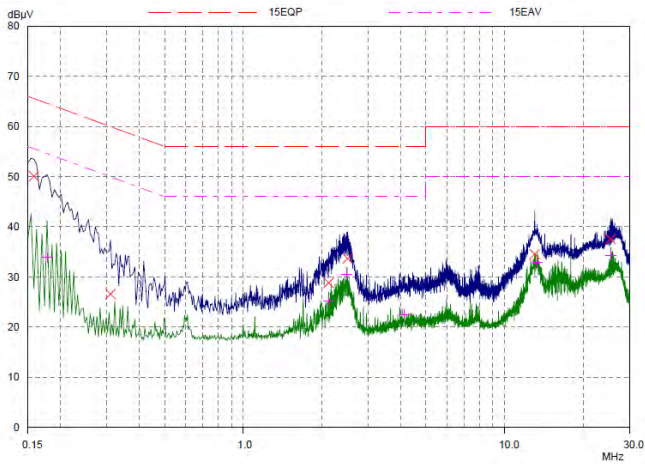
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 50.68         | 65.79         | 15.11       | L1    | gnd |
| 0.33359       | 24.33         | 59.36         | 35.03       | L1    | gnd |
| 2.10703       | 29.63         | 56.00         | 26.37       | L1    | gnd |
| 2.34921       | 33.45         | 56.00         | 22.55       | L1    | gnd |
| 13.18125      | 35.84         | 60.00         | 24.16       | L1    | gnd |
| 25.79453      | 36.33         | 60.00         | 23.67       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 37.60         | 55.58         | 17.98       | L1    | gnd |
| 0.41953       | 20.45         | 47.46         | 27.01       | L1    | gnd |
| 1.98203       | 25.80         | 46.00         | 20.20       | L1    | gnd |
| 2.45859       | 30.04         | 46.00         | 15.96       | L1    | gnd |
| 13.16562      | 33.49         | 50.00         | 16.51       | L1    | gnd |
| 16.04453      | 33.80         | 50.00         | 16.20       | L1    | gnd |



802.11n HT20, Channel No: 40, N Line

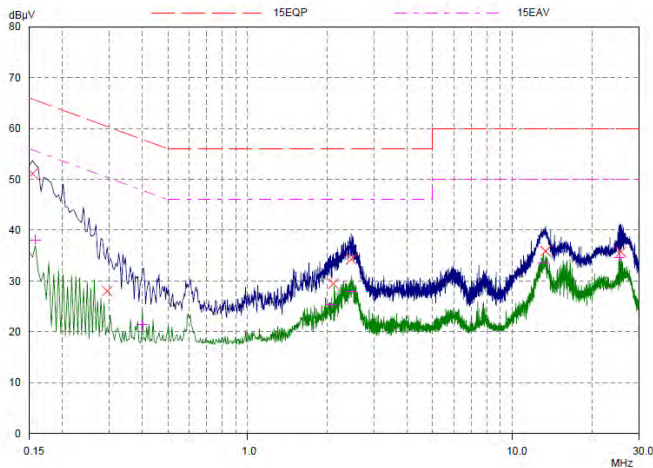


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 50.07         | 65.58         | 15.51       | N     | gnd |
| 0.31015       | 26.57         | 59.97         | 33.40       | N     | gnd |
| 2.11875       | 28.83         | 56.00         | 27.17       | N     | gnd |
| 2.50156       | 33.65         | 56.00         | 22.35       | N     | gnd |
| 13.02109      | 34.53         | 60.00         | 25.47       | N     | gnd |
| 25.40781      | 37.51         | 60.00         | 22.49       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17734       | 33.85         | 54.61         | 20.76       | N     | gnd |
| 2.11875       | 25.21         | 46.00         | 20.79       | N     | gnd |
| 2.48984       | 30.46         | 46.00         | 15.54       | N     | gnd |
| 4.12655       | 22.46         | 46.00         | 23.54       | N     | gnd |
| 13.31406      | 32.88         | 50.00         | 17.12       | N     | gnd |
| 25.48203      | 34.31         | 50.00         | 15.69       | N     | gnd |

802.11n HT20, Channel No: 48, L Line

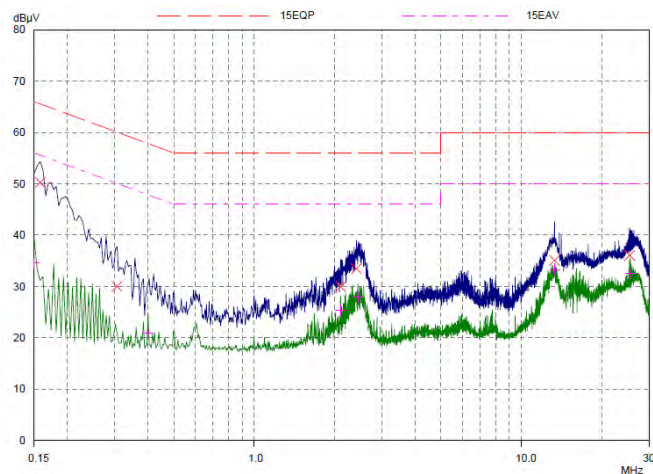


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 51.13         | 65.79         | 14.66       | L1    | gnd |
| 0.29453       | 28.00         | 60.40         | 32.40       | L1    | gnd |
| 2.10703       | 29.49         | 56.00         | 26.51       | L1    | gnd |
| 2.45859       | 34.25         | 56.00         | 21.75       | L1    | gnd |
| 13.35312      | 35.85         | 60.00         | 24.15       | L1    | gnd |
| 25.7164       | 35.74         | 60.00         | 24.26       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 38.10         | 55.58         | 17.48       | L1    | gnd |
| 0.4           | 21.39         | 47.85         | 26.46       | L1    | gnd |
| 2.07578       | 25.43         | 46.00         | 20.57       | L1    | gnd |
| 2.47031       | 27.96         | 46.00         | 18.04       | L1    | gnd |
| 13.0914       | 33.60         | 50.00         | 16.40       | L1    | gnd |
| 25.40781      | 34.65         | 50.00         | 15.35       | L1    | gnd |

802.11n HT20, Channel No: 48, N Line



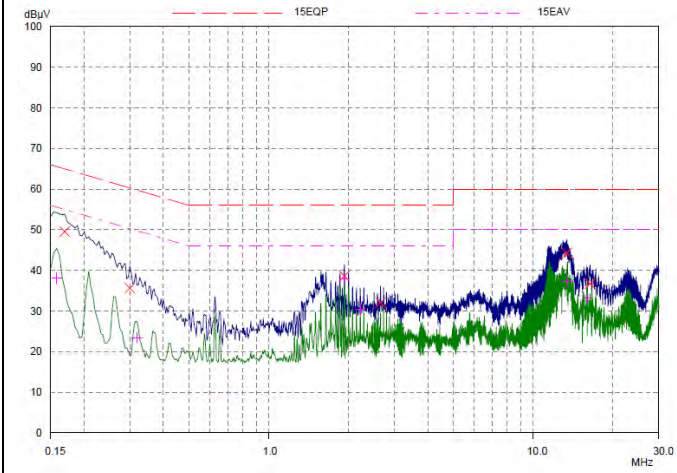
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 50.23         | 65.58         | 15.35       | N     | gnd |
| 0.30625       | 30.03         | 60.07         | 30.04       | N     | gnd |
| 2.10312       | 29.97         | 56.00         | 26.03       | N     | gnd |
| 2.41171       | 33.47         | 56.00         | 22.53       | N     | gnd |
| 13.28671      | 35.07         | 60.00         | 24.93       | N     | gnd |
| 25.4039       | 36.05         | 60.00         | 23.95       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 34.52         | 56.00         | 21.48       | N     | gnd |
| 0.4           | 20.98         | 47.85         | 26.87       | N     | gnd |
| 2.10312       | 25.36         | 46.00         | 20.64       | N     | gnd |
| 2.43906       | 27.96         | 46.00         | 18.04       | N     | gnd |
| 13.3375       | 33.32         | 50.00         | 16.68       | N     | gnd |
| 25.56015      | 32.49         | 50.00         | 17.51       | N     | gnd |



### 802.11n HT20, Channel No: 149, L Line



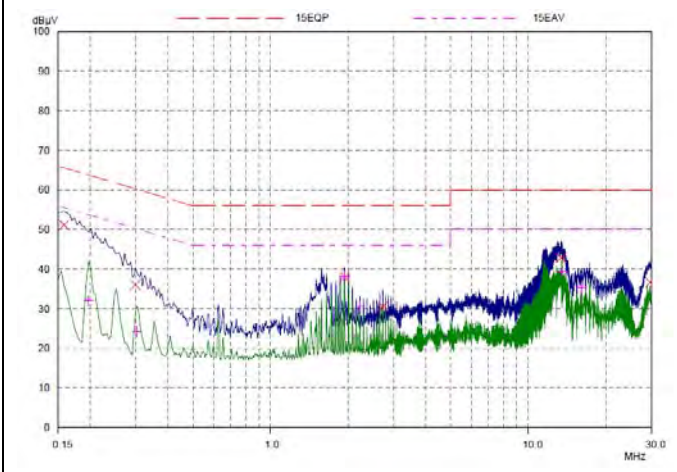
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16953       | 49.56         | 64.98         | 15.42       | L1    | gnd |
| 0.29843       | 35.66         | 60.29         | 24.63       | L1    | gnd |
| 1.93515       | 38.63         | 56.00         | 17.37       | L1    | gnd |
| 2.65          | 32.04         | 56.00         | 23.96       | L1    | gnd |
| 13.43515      | 44.28         | 60.00         | 15.72       | L1    | gnd |
| 16.44687      | 36.74         | 60.00         | 23.26       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 38.13         | 55.58         | 17.45       | L1    | gnd |
| 0.31796       | 23.50         | 49.76         | 26.26       | L1    | gnd |
| 1.93515       | 37.88         | 46.00         | 8.12        | L1    | gnd |
| 2.22031       | 30.44         | 46.00         | 15.56       | L1    | gnd |
| 13.51718      | 37.25         | 50.00         | 12.75       | L1    | gnd |
| 16.02499      | 33.16         | 50.00         | 16.84       | L1    | gnd |

### 802.11n HT20, Channel No: 149, N Line



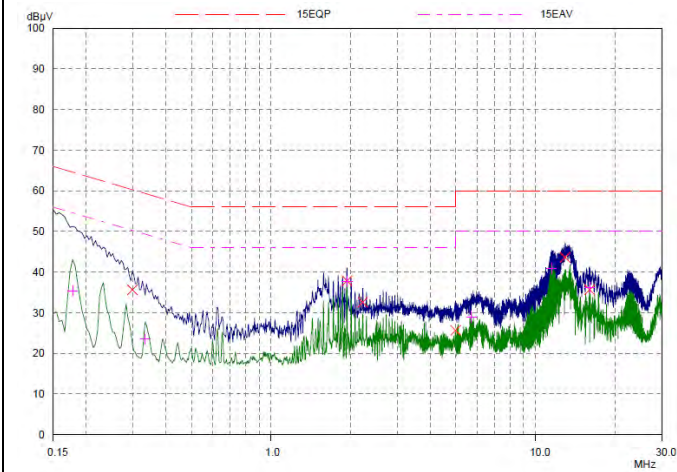
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 51.13         | 65.58         | 14.45       | N     | gnd |
| 0.29843       | 36.02         | 60.29         | 24.27       | N     | gnd |
| 1.93515       | 37.89         | 56.00         | 18.11       | N     | gnd |
| 2.72421       | 30.63         | 56.00         | 25.37       | N     | gnd |
| 13.4          | 42.80         | 60.00         | 17.20       | N     | gnd |
| 29.70468      | 36.65         | 60.00         | 23.35       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.19687       | 32.15         | 53.74         | 21.59       | N     | gnd |
| 0.30234       | 24.18         | 50.18         | 26.00       | N     | gnd |
| 1.93515       | 38.22         | 46.00         | 7.78        | N     | gnd |
| 2.22031       | 30.61         | 46.00         | 15.39       | N     | gnd |
| 13.51328      | 39.32         | 50.00         | 10.68       | N     | gnd |
| 16.05234      | 35.30         | 50.00         | 14.70       | N     | gnd |

### 802.11n HT20, Channel No: 157, L Line



Final Measurement Results

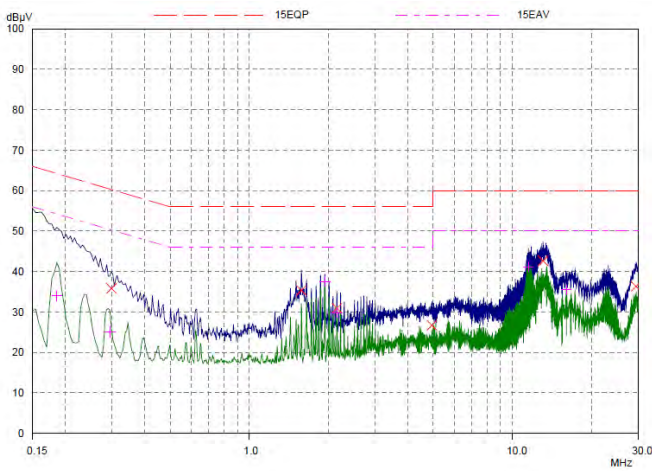
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.66         | 60.29         | 24.63       | L1    | gnd |
| 1.93515       | 37.87         | 56.00         | 18.13       | L1    | gnd |
| 2.22031       | 32.58         | 56.00         | 23.42       | L1    | gnd |
| 4.98203       | 25.63         | 56.00         | 30.37       | L1    | gnd |
| 12.93515      | 43.61         | 60.00         | 16.39       | L1    | gnd |
| 16.01328      | 35.67         | 60.00         | 24.33       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17734       | 35.45         | 54.61         | 19.16       | L1    | gnd |
| 0.33359       | 23.53         | 49.36         | 25.83       | L1    | gnd |
| 1.93515       | 37.67         | 46.00         | 8.33        | L1    | gnd |
| 5.72421       | 28.94         | 50.00         | 21.06       | L1    | gnd |
| 11.50156      | 40.95         | 50.00         | 9.05        | L1    | gnd |
| 16.02109      | 36.19         | 50.00         | 13.81       | L1    | gnd |



802.11n HT20, Channel No: 157, N Line

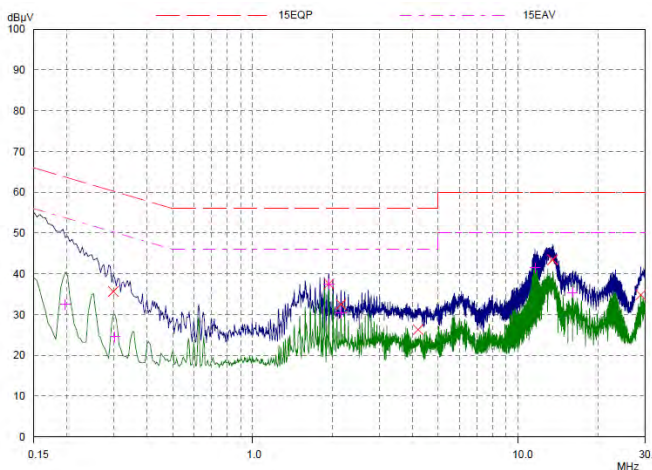


Final Measurement Results

| Frequency MHz | QP Level dBµV | QP Limit dBµV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.84         | 60.29         | 24.45       | N     | gnd |
| 1.57578       | 35.34         | 56.00         | 20.66       | N     | gnd |
| 2.15          | 30.98         | 56.00         | 25.02       | N     | gnd |
| 4.94296       | 26.74         | 56.00         | 29.26       | N     | gnd |
| 13.07578      | 42.67         | 60.00         | 17.33       | N     | gnd |
| 29.50546      | 36.33         | 60.00         | 23.67       | N     | gnd |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18515       | 34.01         | 54.25         | 20.24       | N     | gnd |
| 0.29453       | 25.08         | 50.40         | 25.32       | N     | gnd |
| 1.93515       | 37.59         | 46.00         | 8.41        | N     | gnd |
| 2.15          | 29.85         | 46.00         | 16.15       | N     | gnd |
| 11.50156      | 41.20         | 50.00         | 8.80        | N     | gnd |
| 16.02109      | 35.49         | 50.00         | 14.51       | N     | gnd |

802.11n HT20, Channel No: 165, L Line

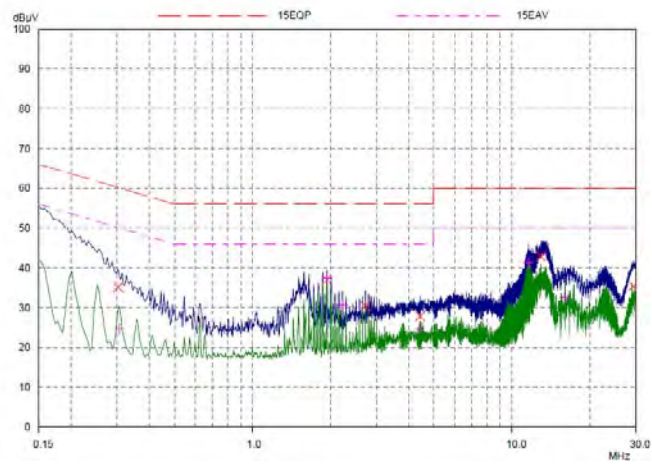


Final Measurement Results

| Frequency MHz | QP Level dBµV | QP Limit dBµV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.68         | 60.29         | 24.61       | L1    | gnd |
| 1.93515       | 37.57         | 56.00         | 18.43       | L1    | gnd |
| 2.15          | 32.52         | 56.00         | 23.48       | L1    | gnd |
| 4.19687       | 26.32         | 56.00         | 29.68       | L1    | gnd |
| 13.47031      | 43.46         | 60.00         | 16.54       | L1    | gnd |
| 28.95078      | 34.86         | 60.00         | 25.14       | L1    | gnd |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.19687       | 32.48         | 53.74         | 21.26       | L1    | gnd |
| 0.30234       | 24.60         | 50.18         | 25.58       | L1    | gnd |
| 1.93515       | 37.59         | 46.00         | 8.41        | L1    | gnd |
| 2.15          | 30.40         | 46.00         | 15.60       | L1    | gnd |
| 11.57187      | 41.45         | 50.00         | 8.55        | L1    | gnd |
| 16.02499      | 35.44         | 50.00         | 14.56       | L1    | gnd |

802.11n HT20, Channel No: 165, N Line



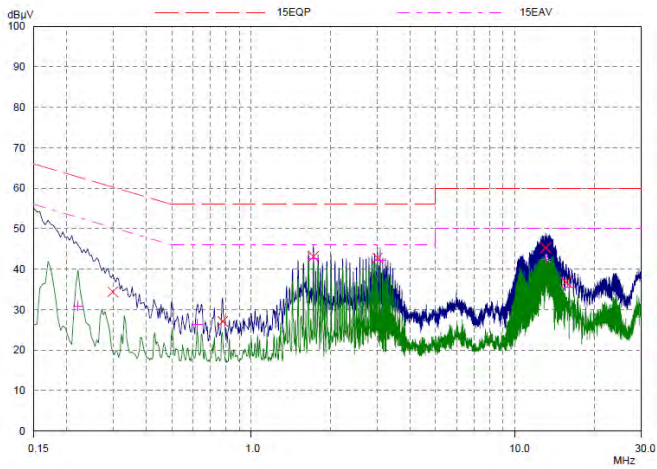
Final Measurement Results

| Frequency MHz | QP Level dBµV | QP Limit dBµV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.30234       | 35.09         | 60.18         | 25.09       | N     | gnd |
| 1.93515       | 36.95         | 56.00         | 19.05       | N     | gnd |
| 2.72421       | 30.43         | 56.00         | 25.57       | N     | gnd |
| 4.42343       | 27.81         | 56.00         | 28.19       | N     | gnd |
| 12.93515      | 42.91         | 60.00         | 17.09       | N     | gnd |
| 29.39218      | 35.38         | 60.00         | 24.62       | N     | gnd |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.30625       | 24.68         | 50.07         | 25.39       | N     | gnd |
| 1.93515       | 37.52         | 46.00         | 8.48        | N     | gnd |
| 2.22031       | 30.69         | 46.00         | 15.31       | N     | gnd |
| 4.39609       | 24.76         | 46.00         | 21.24       | N     | gnd |
| 11.57187      | 41.31         | 50.00         | 8.69        | N     | gnd |
| 16.05234      | 32.58         | 50.00         | 17.42       | N     | gnd |



802.11n HT40, Channel No: 38, L Line

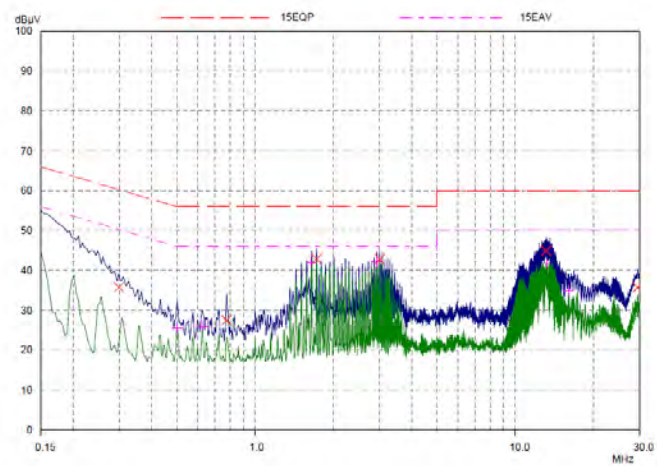


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 34.40         | 60.29         | 25.89       | L1    | gnd |
| 0.7789        | 27.10         | 56.00         | 28.90       | L1    | gnd |
| 1.72031       | 43.12         | 56.00         | 12.88       | L1    | gnd |
| 3.00937       | 42.77         | 56.00         | 13.23       | L1    | gnd |
| 13.07578      | 45.26         | 60.00         | 14.74       | L1    | gnd |
| 15.58359      | 36.83         | 60.00         | 23.17       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.22031       | 30.97         | 52.81         | 21.84       | L1    | gnd |
| 0.62265       | 26.36         | 46.00         | 19.64       | L1    | gnd |
| 1.72031       | 42.70         | 46.00         | 3.30        | L1    | gnd |
| 3.07968       | 42.26         | 46.00         | 3.74        | L1    | gnd |
| 13.07578      | 42.51         | 50.00         | 7.49        | L1    | gnd |
| 16.04843      | 35.49         | 50.00         | 14.51       | L1    | gnd |

802.11n HT40, Channel No: 38, N Line

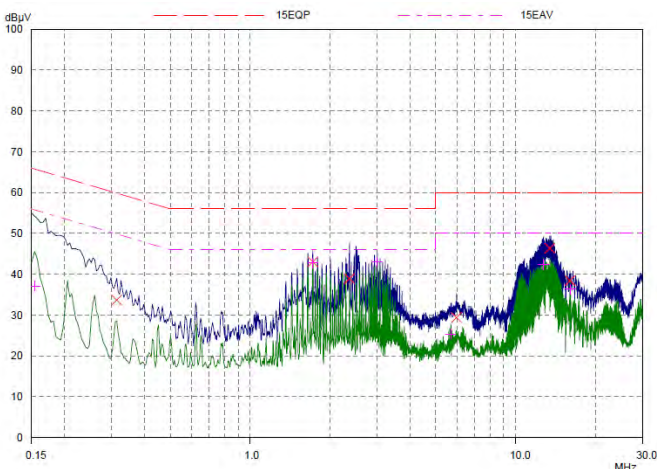


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.78         | 60.29         | 24.51       | N     | gnd |
| 0.775         | 27.48         | 56.00         | 28.52       | N     | gnd |
| 1.72031       | 42.88         | 56.00         | 13.12       | N     | gnd |
| 3.00937       | 42.79         | 56.00         | 13.21       | N     | gnd |
| 13.15         | 44.88         | 60.00         | 15.12       | N     | gnd |
| 29.59531      | 35.74         | 60.00         | 24.26       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.50156       | 25.61         | 46.00         | 20.39       | N     | gnd |
| 0.62265       | 26.03         | 46.00         | 19.97       | N     | gnd |
| 1.64609       | 41.98         | 46.00         | 4.02        | N     | gnd |
| 2.93906       | 42.09         | 46.00         | 3.91        | N     | gnd |
| 13.22031      | 41.70         | 50.00         | 8.30        | N     | gnd |
| 16.02499      | 34.94         | 50.00         | 15.06       | N     | gnd |

802.11n HT40, Channel No: 46, L Line



Final Measurement Results

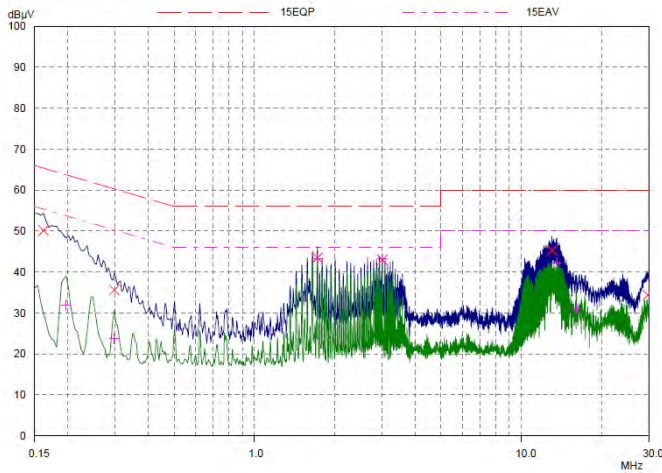
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.31406       | 33.69         | 59.86         | 26.17       | L1    | gnd |
| 1.72031       | 43.06         | 56.00         | 12.94       | L1    | gnd |
| 2.36484       | 38.95         | 56.00         | 17.05       | L1    | gnd |
| 5.98203       | 29.38         | 60.00         | 30.62       | L1    | gnd |
| 13.43515      | 46.38         | 60.00         | 13.62       | L1    | gnd |
| 16.01718      | 38.47         | 60.00         | 21.53       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 37.14         | 55.79         | 18.65       | L1    | gnd |
| 1.72031       | 42.77         | 46.00         | 3.23        | L1    | gnd |
| 3.00937       | 42.96         | 46.00         | 3.04        | L1    | gnd |
| 5.69687       | 25.39         | 50.00         | 24.61       | L1    | gnd |
| 12.72031      | 42.41         | 50.00         | 7.59        | L1    | gnd |
| 16.04453      | 36.33         | 50.00         | 13.67       | L1    | gnd |





### 802.11n HT40, Channel No: 46, N Line



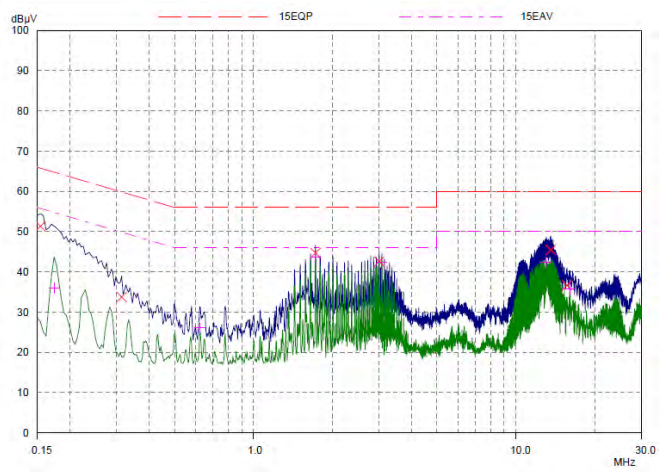
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.16171       | 50.15         | 65.38         | 15.23       | N     | gnd |
| 0.29843       | 35.57         | 60.29         | 24.72       | N     | gnd |
| 1.72031       | 43.49         | 56.00         | 12.51       | N     | gnd |
| 3.00937       | 42.97         | 56.00         | 13.03       | N     | gnd |
| 13.00546      | 45.30         | 60.00         | 14.70       | N     | gnd |
| 29.77109      | 34.37         | 60.00         | 25.63       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.19687       | 31.96         | 53.74         | 21.78       | N     | gnd |
| 0.29843       | 23.72         | 50.29         | 26.57       | N     | gnd |
| 1.72031       | 43.15         | 46.00         | 2.85        | N     | gnd |
| 3.00937       | 43.18         | 46.00         | 2.82        | N     | gnd |
| 13.57968      | 42.30         | 50.00         | 7.70        | N     | gnd |
| 16.05234      | 31.08         | 50.00         | 18.92       | N     | gnd |

### 802.11n HT40, Channel No: 151, L Line



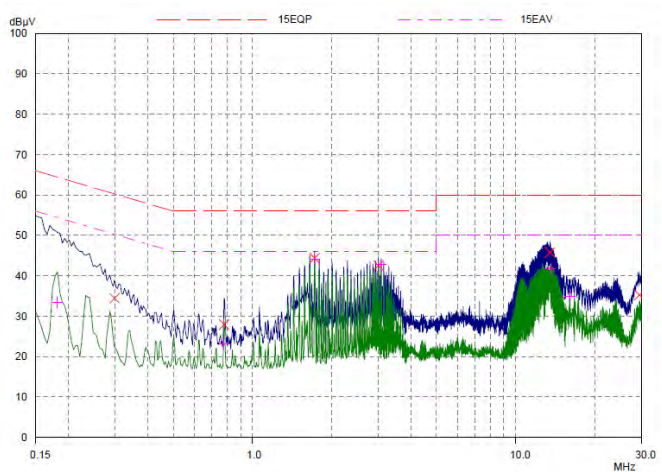
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.1539        | 51.34         | 65.79         | 14.45       | L1    | gnd |
| 0.31406       | 33.75         | 59.86         | 26.11       | L1    | gnd |
| 1.72031       | 44.71         | 56.00         | 11.29       | L1    | gnd |
| 3.00937       | 42.59         | 56.00         | 13.41       | L1    | gnd |
| 13.57578      | 45.48         | 60.00         | 14.52       | L1    | gnd |
| 16.6539       | 36.68         | 60.00         | 23.32       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.17343       | 36.01         | 54.79         | 18.78       | L1    | gnd |
| 0.62265       | 26.10         | 46.00         | 19.90       | L1    | gnd |
| 1.72031       | 43.66         | 46.00         | 2.34        | L1    | gnd |
| 3.07968       | 42.52         | 46.00         | 3.48        | L1    | gnd |
| 13.00546      | 42.43         | 50.00         | 7.57        | L1    | gnd |
| 16.04843      | 35.77         | 50.00         | 14.23       | L1    | gnd |

### 802.11n HT40, Channel No: 151, N Line



Final Measurement Results

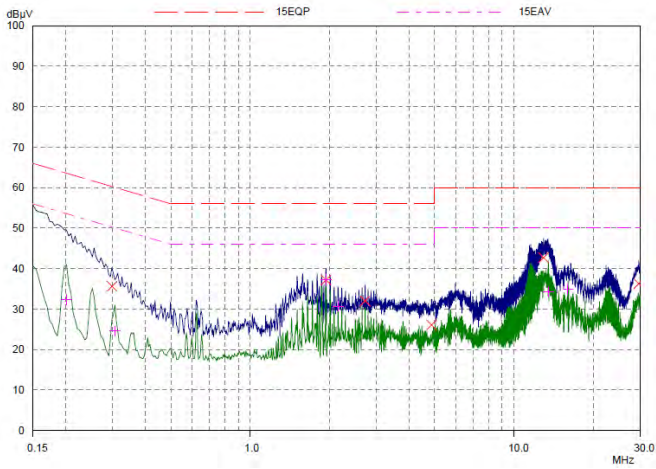
| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.29843       | 34.46         | 60.29         | 25.83       | N     | gnd |
| 0.7789        | 27.94         | 56.00         | 28.06       | N     | gnd |
| 1.72031       | 44.37         | 56.00         | 11.63       | N     | gnd |
| 3.00937       | 42.55         | 56.00         | 13.45       | N     | gnd |
| 13.50546      | 45.78         | 60.00         | 14.22       | N     | gnd |
| 29.55625      | 35.24         | 60.00         | 24.76       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.18125       | 33.44         | 54.43         | 20.99       | N     | gnd |
| 0.7789        | 23.16         | 46.00         | 22.84       | N     | gnd |
| 1.72031       | 44.07         | 46.00         | 1.93        | N     | gnd |
| 3.07968       | 42.76         | 46.00         | 3.24        | N     | gnd |
| 13.57968      | 41.73         | 50.00         | 8.27        | N     | gnd |
| 16.05234      | 35.00         | 50.00         | 15.00       | N     | gnd |



### 802.11n HT40, Channel No: 159, L Line

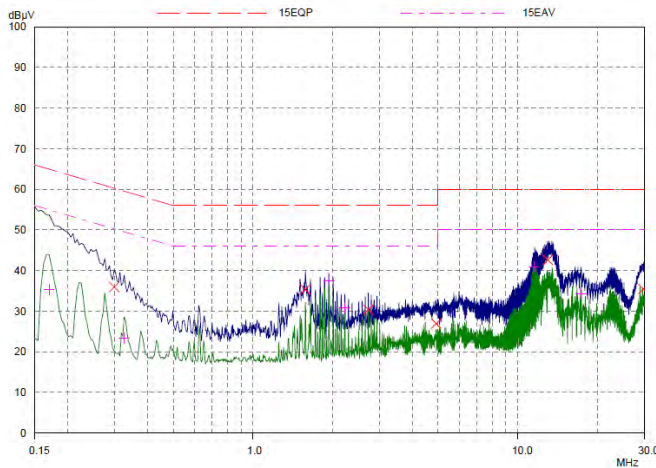


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.29843       | 35.62         | 60.29         | 24.67       | L1    | gnd |
| 1.93515       | 37.19         | 56.00         | 18.81       | L1    | gnd |
| 2.72421       | 32.03         | 56.00         | 23.97       | L1    | gnd |
| 4.86093       | 26.11         | 56.00         | 29.89       | L1    | gnd |
| 12.93125      | 42.69         | 60.00         | 17.31       | L1    | gnd |
| 29.70078      | 36.27         | 60.00         | 23.73       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.20078       | 32.35         | 53.58         | 21.23       | L1    | gnd |
| 0.30625       | 24.60         | 50.07         | 25.47       | L1    | gnd |
| 1.93515       | 37.30         | 46.00         | 8.70        | L1    | gnd |
| 2.15          | 30.73         | 46.00         | 15.27       | L1    | gnd |
| 13.48203      | 34.35         | 50.00         | 15.65       | L1    | gnd |
| 15.99375      | 34.83         | 50.00         | 15.17       | L1    | gnd |

### 802.11n HT40, Channel No: 159, N Line

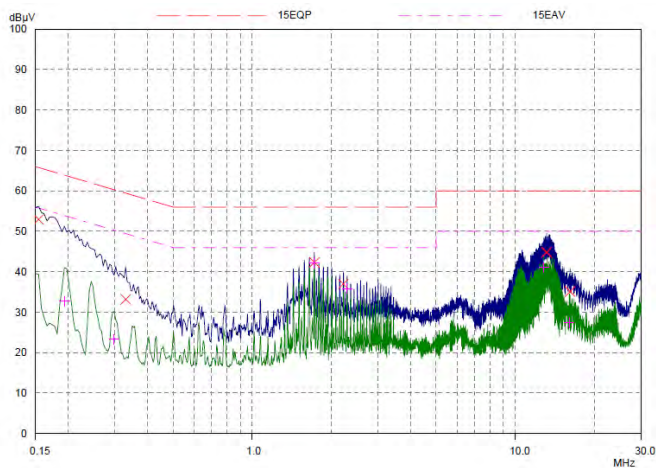


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.29843       | 35.96         | 60.29         | 24.33       | N     | gnd |
| 1.57578       | 35.36         | 56.00         | 20.64       | N     | gnd |
| 2.72031       | 30.39         | 56.00         | 25.61       | N     | gnd |
| 4.91171       | 26.95         | 56.00         | 29.05       | N     | gnd |
| 12.97031      | 42.61         | 60.00         | 17.39       | N     | gnd |
| 29.81406      | 35.47         | 60.00         | 24.53       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.16953       | 35.37         | 54.98         | 19.61       | N     | gnd |
| 0.32578       | 23.35         | 49.56         | 26.21       | N     | gnd |
| 1.93515       | 37.59         | 46.00         | 8.41        | N     | gnd |
| 2.22031       | 30.77         | 46.00         | 15.23       | N     | gnd |
| 11.50156      | 41.00         | 50.00         | 9.00        | N     | gnd |
| 17.30234      | 34.38         | 50.00         | 15.62       | N     | gnd |

### 802.11ac HT20, Channel No: 36, L Line



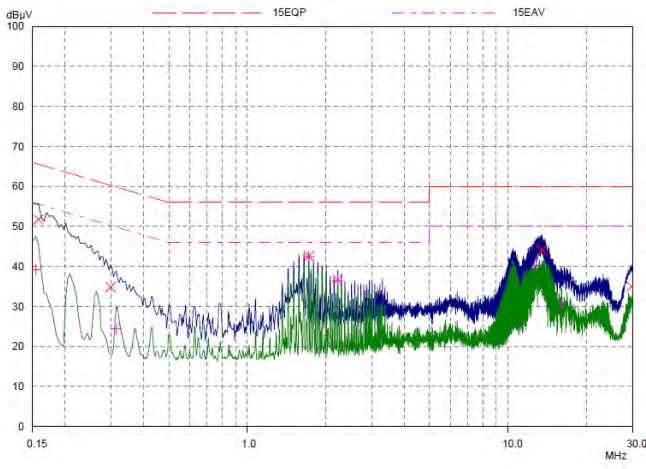
#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.1539        | 52.92         | 65.79         | 12.87       | L1    | gnd |
| 0.32968       | 33.18         | 59.46         | 26.28       | L1    | gnd |
| 1.72031       | 42.36         | 56.00         | 13.64       | L1    | gnd |
| 2.22031       | 36.97         | 56.00         | 19.03       | L1    | gnd |
| 13.15         | 44.80         | 60.00         | 15.20       | L1    | gnd |
| 16.15781      | 35.10         | 60.00         | 24.90       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| -             | -             | -             | -           | -     | -   |
| 0.19296       | 32.68         | 53.91         | 21.23       | L1    | gnd |
| 0.29843       | 23.27         | 50.29         | 27.02       | L1    | gnd |
| 1.72031       | 42.20         | 46.00         | 3.80        | L1    | gnd |
| 2.29453       | 35.84         | 46.00         | 10.16       | L1    | gnd |
| 12.82578      | 41.01         | 50.00         | 8.99        | L1    | gnd |
| 16.03281      | 27.40         | 50.00         | 22.60       | L1    | gnd |



802.11ac HT20, Channel No: 36, N Line

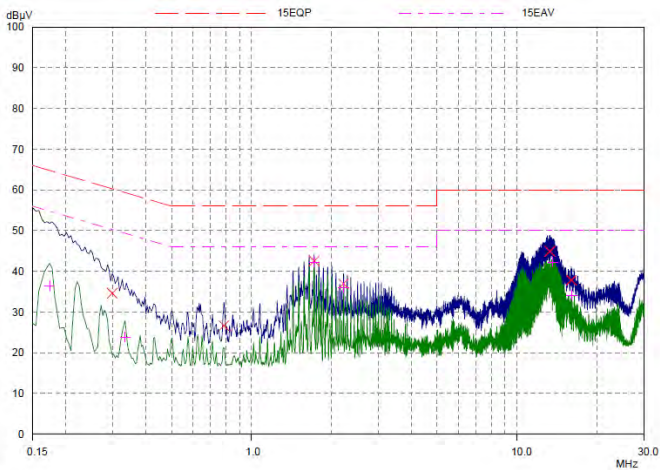


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 51.77         | 65.58         | 13.81       | N     | gnd |
| 0.29843       | 34.82         | 60.29         | 25.47       | N     | gnd |
| 1.72031       | 42.54         | 56.00         | 13.46       | N     | gnd |
| 2.22031       | 36.66         | 56.00         | 19.34       | N     | gnd |
| 13.47031      | 44.09         | 60.00         | 15.91       | N     | gnd |
| 29.73593      | 34.96         | 60.00         | 25.04       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 39.22         | 55.79         | 16.57       | N     | gnd |
| 0.31406       | 24.36         | 49.86         | 25.50       | N     | gnd |
| 1.72031       | 42.46         | 46.00         | 3.54        | N     | gnd |
| 2.22031       | 36.51         | 46.00         | 9.49        | N     | gnd |
| 12.82578      | 40.34         | 50.00         | 9.66        | N     | gnd |
| 16.01718      | 30.60         | 50.00         | 19.40       | N     | gnd |

802.11ac HT20, Channel No: 40, L Line

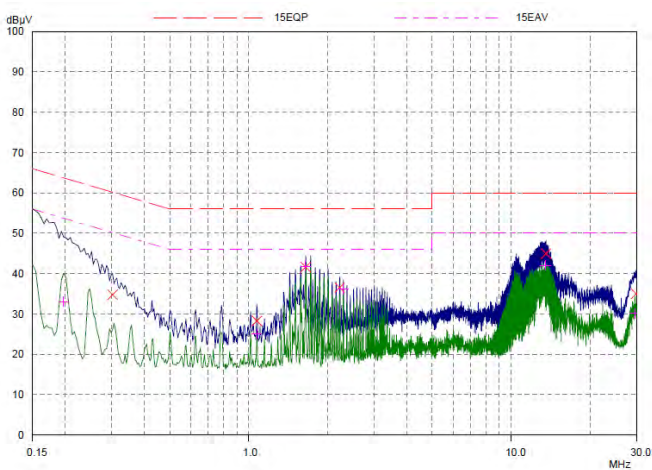


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 34.64         | 60.29         | 25.65       | L1    | gnd |
| 0.78671       | 26.66         | 56.00         | 29.34       | L1    | gnd |
| 1.72031       | 42.56         | 56.00         | 13.44       | L1    | gnd |
| 2.22031       | 36.99         | 56.00         | 19.01       | L1    | gnd |
| 13.29062      | 44.92         | 60.00         | 15.08       | L1    | gnd |
| 16.01328      | 37.86         | 60.00         | 22.14       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17343       | 36.44         | 54.79         | 18.35       | L1    | gnd |
| 0.33359       | 23.89         | 49.36         | 25.47       | L1    | gnd |
| 1.72031       | 42.29         | 46.00         | 3.71        | L1    | gnd |
| 2.22031       | 35.92         | 46.00         | 10.08       | L1    | gnd |
| 13.65         | 42.31         | 50.00         | 7.69        | L1    | gnd |
| 16.06406      | 34.17         | 50.00         | 15.83       | L1    | gnd |

802.11ac HT20, Channel No: 40, N Line



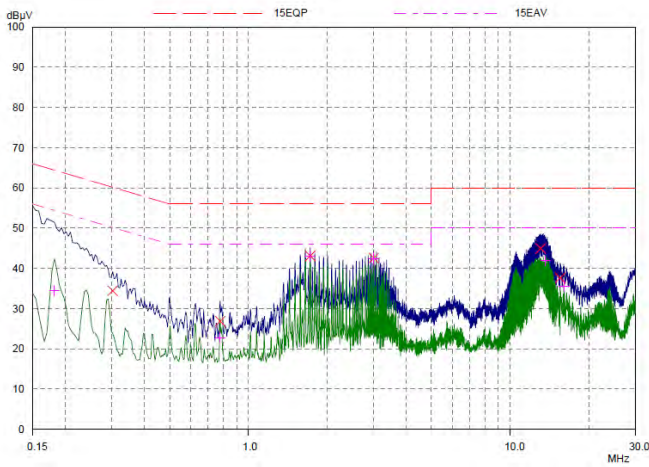
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.30234       | 34.79         | 60.18         | 25.39       | N     | gnd |
| 1.07187       | 28.28         | 56.00         | 27.72       | N     | gnd |
| 1.64609       | 41.63         | 56.00         | 14.37       | N     | gnd |
| 2.22031       | 36.56         | 56.00         | 19.44       | N     | gnd |
| 13.57968      | 44.96         | 60.00         | 15.04       | N     | gnd |
| 29.91562      | 34.98         | 60.00         | 25.02       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.19687       | 33.11         | 53.74         | 20.63       | N     | gnd |
| 1.07187       | 25.02         | 46.00         | 20.98       | N     | gnd |
| 1.64609       | 41.81         | 46.00         | 4.19        | N     | gnd |
| 2.29062       | 36.10         | 46.00         | 9.90        | N     | gnd |
| 13.50546      | 42.03         | 50.00         | 7.97        | N     | gnd |
| 29.64609      | 30.15         | 50.00         | 19.85       | N     | gnd |



802.11ac HT20, Channel No: 48, L Line

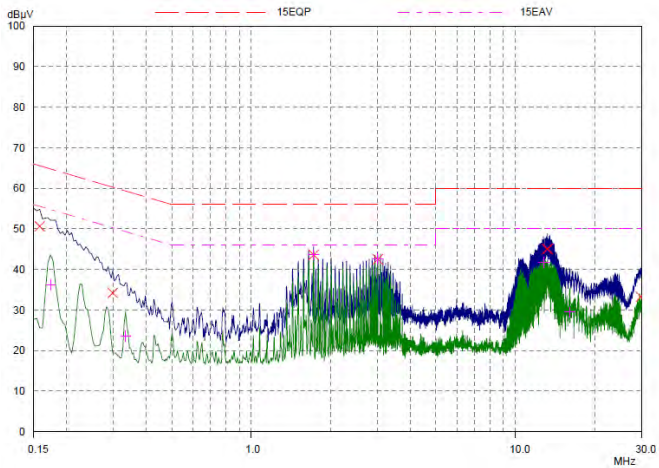


Final Measurement Results

| Frequency MHz | QP Level dBuV | QP Limit dBuV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.30234       | 34.45         | 60.18         | 25.73       | L1    | gnd |
| 0.7789        | 26.88         | 56.00         | 29.12       | L1    | gnd |
| 1.72031       | 43.12         | 56.00         | 12.88       | L1    | gnd |
| 3.00937       | 42.57         | 56.00         | 13.43       | L1    | gnd |
| 13.07578      | 44.96         | 60.00         | 15.04       | L1    | gnd |
| 15.51328      | 37.67         | 60.00         | 22.33       | L1    | gnd |

| Frequency MHz | AV Level dBuV | AV Limit dBuV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18125       | 34.46         | 54.43         | 19.97       | L1    | gnd |
| 0.7789        | 22.79         | 46.00         | 23.21       | L1    | gnd |
| 1.72031       | 43.08         | 46.00         | 2.92        | L1    | gnd |
| 3.00937       | 42.41         | 46.00         | 3.59        | L1    | gnd |
| 13.65         | 41.88         | 50.00         | 8.12        | L1    | gnd |
| 16.06406      | 35.54         | 50.00         | 14.46       | L1    | gnd |

802.11ac HT20, Channel No: 48, N Line



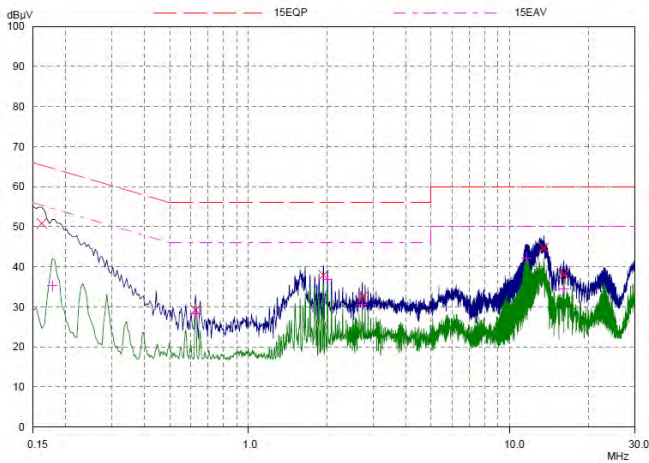
Final Measurement Results

| Frequency MHz | QP Level dBuV | QP Limit dBuV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 50.65         | 65.58         | 14.93       | N     | gnd |
| 0.29843       | 34.24         | 60.29         | 26.05       | N     | gnd |
| 1.72031       | 43.59         | 56.00         | 12.41       | N     | gnd |
| 3.00937       | 42.51         | 56.00         | 13.49       | N     | gnd |
| 13.22031      | 45.05         | 60.00         | 14.95       | N     | gnd |
| 29.84921      | 33.28         | 60.00         | 26.72       | N     | gnd |

| Frequency MHz | AV Level dBuV | AV Limit dBuV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17343       | 36.19         | 54.79         | 18.60       | N     | gnd |
| 0.33359       | 23.62         | 49.36         | 25.74       | N     | gnd |
| 1.72031       | 43.59         | 46.00         | 2.41        | N     | gnd |
| 3.00937       | 42.65         | 46.00         | 3.35        | N     | gnd |
| 12.79062      | 41.72         | 50.00         | 8.28        | N     | gnd |
| 16.08749      | 29.52         | 50.00         | 20.48       | N     | gnd |



802.11ac HT20, Channel No: 149, L Line

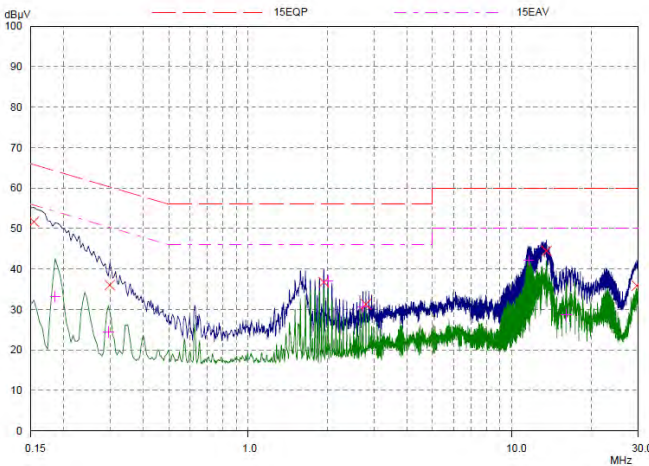


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16171       | 50.85         | 65.38         | 14.53       | L1    | gnd |
| 0.62656       | 29.25         | 56.00         | 26.75       | L1    | gnd |
| 1.93515       | 37.95         | 56.00         | 18.05       | L1    | gnd |
| 2.72421       | 32.45         | 56.00         | 23.55       | L1    | gnd |
| 13.50546      | 44.68         | 60.00         | 15.32       | L1    | gnd |
| 16.08749      | 38.09         | 60.00         | 21.91       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17734       | 35.26         | 54.61         | 19.35       | L1    | gnd |
| 0.62656       | 28.29         | 46.00         | 17.71       | L1    | gnd |
| 2.00545       | 36.84         | 46.00         | 9.16        | L1    | gnd |
| 2.72421       | 30.58         | 46.00         | 15.42       | L1    | gnd |
| 11.57187      | 42.14         | 50.00         | 7.86        | L1    | gnd |
| 16.06015      | 34.41         | 50.00         | 15.59       | L1    | gnd |

802.11ac HT20, Channel No: 149, N Line

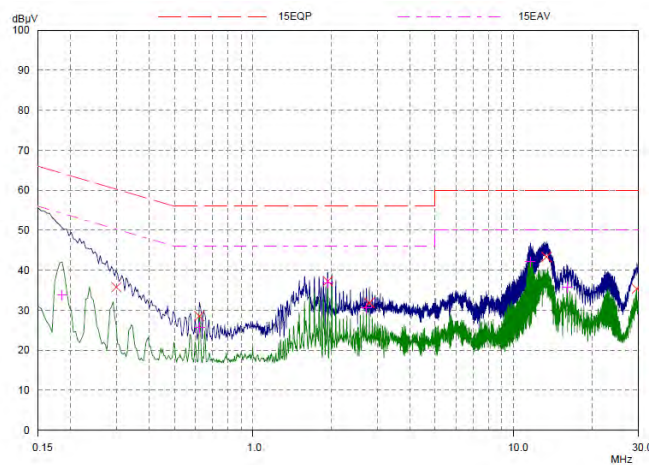


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 51.71         | 65.79         | 14.08       | N     | gnd |
| 0.29843       | 36.02         | 60.29         | 24.27       | N     | gnd |
| 1.93515       | 36.77         | 56.00         | 19.23       | N     | gnd |
| 2.79453       | 31.29         | 56.00         | 24.71       | N     | gnd |
| 13.50546      | 44.44         | 60.00         | 15.56       | N     | gnd |
| 29.76718      | 35.86         | 60.00         | 24.14       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18515       | 33.20         | 54.25         | 21.05       | N     | gnd |
| 0.29453       | 24.44         | 50.40         | 25.96       | N     | gnd |
| 2.00545       | 37.15         | 46.00         | 8.85        | N     | gnd |
| 2.72421       | 30.66         | 46.00         | 15.34       | N     | gnd |
| 11.57187      | 42.10         | 50.00         | 7.90        | N     | gnd |
| 16.06015      | 28.72         | 50.00         | 21.28       | N     | gnd |

802.11ac HT20, Channel No: 157, L Line



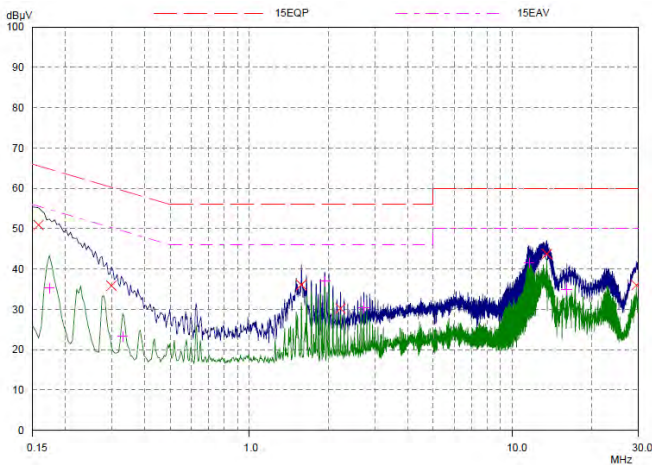
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.78         | 60.29         | 24.51       | L1    | gnd |
| 0.62265       | 28.53         | 56.00         | 27.47       | L1    | gnd |
| 1.93515       | 37.25         | 56.00         | 18.75       | L1    | gnd |
| 2.79453       | 31.87         | 56.00         | 24.13       | L1    | gnd |
| 13.36093      | 43.37         | 60.00         | 16.63       | L1    | gnd |
| 29.69687      | 35.37         | 60.00         | 24.63       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18515       | 33.78         | 54.25         | 20.47       | L1    | gnd |
| 0.62265       | 25.72         | 46.00         | 20.28       | L1    | gnd |
| 1.93515       | 36.76         | 46.00         | 9.24        | L1    | gnd |
| 2.72031       | 30.58         | 46.00         | 15.42       | L1    | gnd |
| 11.57187      | 42.10         | 50.00         | 7.90        | L1    | gnd |
| 16.08749      | 35.75         | 50.00         | 14.25       | L1    | gnd |



### 802.11ac HT20, Channel No: 157, N Line

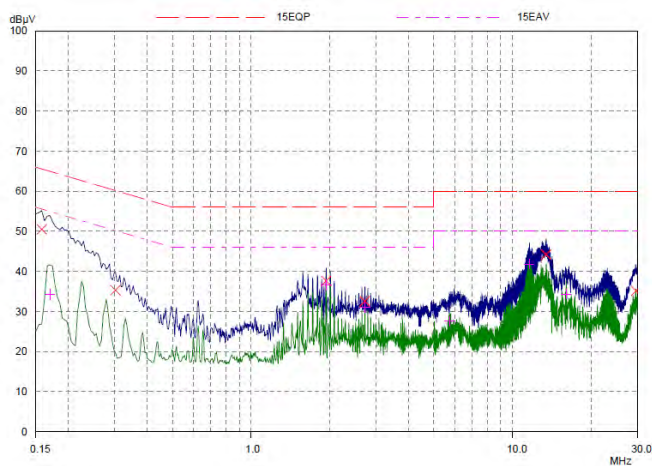


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 50.92         | 65.58         | 14.66       | N     | gnd |
| 0.29843       | 35.88         | 60.29         | 24.41       | N     | gnd |
| 1.57578       | 36.06         | 56.00         | 19.94       | N     | gnd |
| 2.22031       | 30.24         | 56.00         | 25.76       | N     | gnd |
| 13.50546      | 43.76         | 60.00         | 16.24       | N     | gnd |
| 29.57187      | 36.00         | 60.00         | 24.00       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17343       | 35.26         | 54.79         | 19.53       | N     | gnd |
| 0.32968       | 23.26         | 49.46         | 26.20       | N     | gnd |
| 1.93515       | 36.99         | 46.00         | 9.01        | N     | gnd |
| 2.72031       | 30.41         | 46.00         | 15.59       | N     | gnd |
| 11.57187      | 41.50         | 50.00         | 8.50        | N     | gnd |
| 16.06015      | 34.89         | 50.00         | 15.11       | N     | gnd |

### 802.11ac HT20, Channel No: 165, L Line

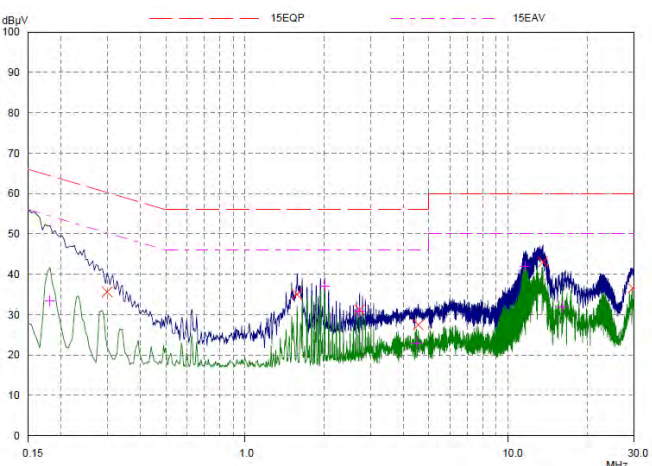


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 50.50         | 65.58         | 15.08       | L1    | gnd |
| 0.30234       | 35.33         | 60.18         | 24.85       | L1    | gnd |
| 1.93515       | 37.63         | 56.00         | 18.37       | L1    | gnd |
| 2.72031       | 32.59         | 56.00         | 23.41       | L1    | gnd |
| 13.43515      | 44.22         | 60.00         | 15.78       | L1    | gnd |
| 29.70078      | 35.17         | 60.00         | 24.83       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16953       | 34.31         | 54.98         | 20.67       | L1    | gnd |
| 1.93515       | 36.60         | 46.00         | 9.40        | L1    | gnd |
| 2.72421       | 31.05         | 46.00         | 14.95       | L1    | gnd |
| 5.75546       | 27.56         | 50.00         | 22.44       | L1    | gnd |
| 11.57187      | 41.83         | 50.00         | 8.17        | L1    | gnd |
| 16.0289       | 34.35         | 50.00         | 15.65       | L1    | gnd |

### 802.11ac HT20, Channel No: 165, N Line



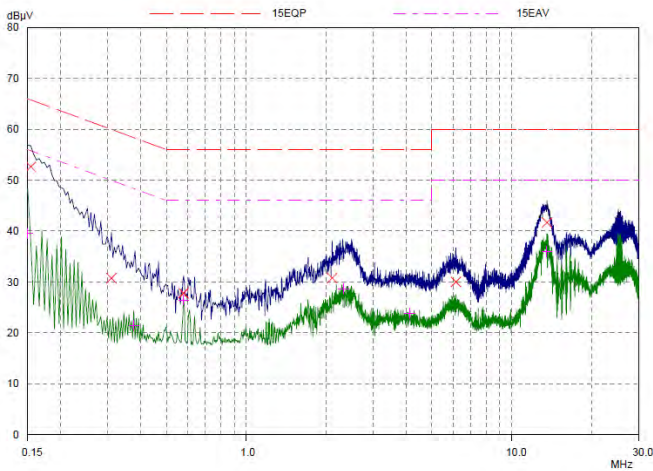
#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.62         | 60.29         | 24.67       | N     | gnd |
| 1.57578       | 35.04         | 56.00         | 20.96       | N     | gnd |
| 2.72421       | 31.25         | 56.00         | 24.75       | N     | gnd |
| 4.55234       | 27.49         | 56.00         | 28.51       | N     | gnd |
| 13.57578      | 43.07         | 60.00         | 16.93       | N     | gnd |
| 29.73593      | 36.59         | 60.00         | 23.41       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.18125       | 33.39         | 54.43         | 21.04       | N     | gnd |
| 2.00545       | 37.15         | 46.00         | 8.85        | N     | gnd |
| 2.72031       | 30.82         | 46.00         | 15.18       | N     | gnd |
| 4.47812       | 23.04         | 46.00         | 22.96       | N     | gnd |
| 11.57187      | 41.92         | 50.00         | 8.08        | N     | gnd |
| 16.08749      | 31.89         | 50.00         | 18.11       | N     | gnd |



802.11ac HT40, Channel No: 38, L Line

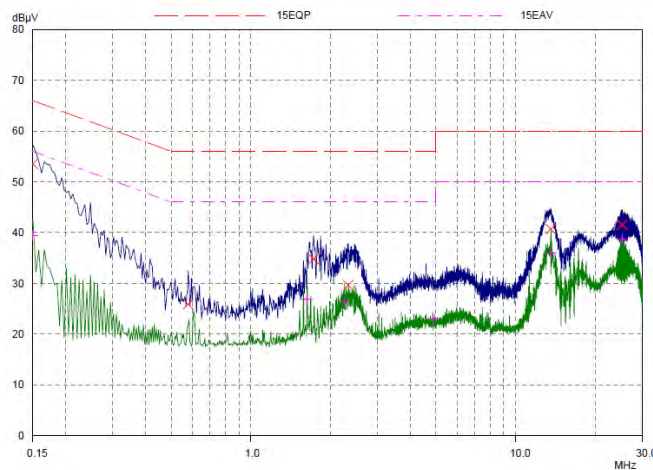


Final Measurement Results

| Frequency MHz | QP Level dBµV | QP Limit dBµV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 52.66         | 65.79         | 13.13       | L1    | gnd |
| 0.31015       | 30.75         | 59.97         | 29.22       | L1    | gnd |
| 0.57968       | 27.81         | 56.00         | 28.19       | L1    | gnd |
| 2.10312       | 30.79         | 56.00         | 25.21       | L1    | gnd |
| 6.1539        | 30.02         | 60.00         | 29.98       | L1    | gnd |
| 13.56015      | 41.67         | 60.00         | 18.33       | L1    | gnd |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 39.51         | 56.00         | 16.49       | L1    | gnd |
| 0.37656       | 21.46         | 48.35         | 26.89       | L1    | gnd |
| 0.57968       | 26.46         | 46.00         | 19.54       | L1    | gnd |
| 2.31796       | 28.59         | 46.00         | 17.41       | L1    | gnd |
| 4.12655       | 23.80         | 46.00         | 22.20       | L1    | gnd |
| 13.53671      | 36.00         | 50.00         | 14.00       | L1    | gnd |

802.11ac HT40, Channel No: 38, N Line

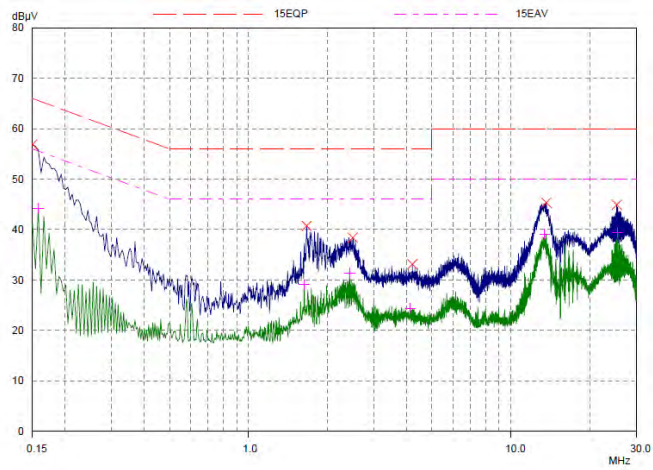


Final Measurement Results

| Frequency MHz | QP Level dBµV | QP Limit dBµV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.56         | 66.00         | 12.44       | N     | gnd |
| 0.57968       | 25.91         | 56.00         | 30.09       | N     | gnd |
| 1.72421       | 34.82         | 56.00         | 21.18       | N     | gnd |
| 2.32968       | 29.62         | 56.00         | 26.38       | N     | gnd |
| 13.55625      | 40.70         | 60.00         | 19.30       | N     | gnd |
| 25.2125       | 41.51         | 60.00         | 18.49       | N     | gnd |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 39.45         | 56.00         | 16.55       | N     | gnd |
| 1.63046       | 26.82         | 46.00         | 19.18       | N     | gnd |
| 2.25546       | 26.41         | 46.00         | 19.59       | N     | gnd |
| 4.85312       | 22.95         | 46.00         | 23.05       | N     | gnd |
| 13.59531      | 35.97         | 50.00         | 14.03       | N     | gnd |
| 25.29062      | 38.72         | 50.00         | 11.28       | N     | gnd |

802.11ac HT40, Channel No: 46, L Line



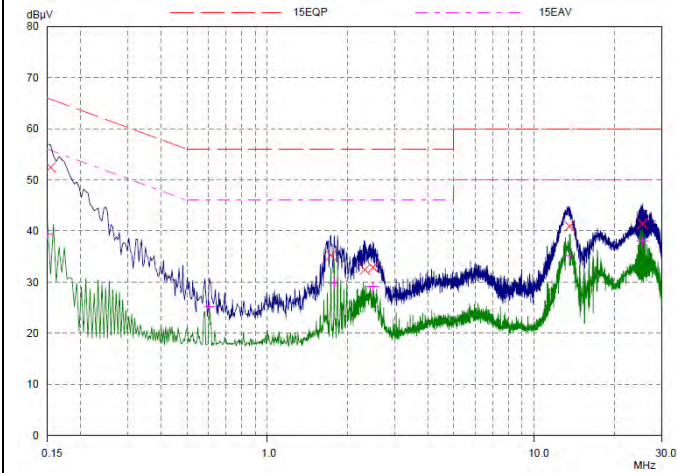
Peak Search Results

| Frequency MHz | PK Level dBµV | PK Limit dBµV | PK Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 56.85         | 66.00         | 9.15        | L1    | gnd |
| 1.66562       | 40.73         | 56.00         | 15.27       | L1    | gnd |
| 2.49375       | 38.40         | 56.00         | 17.60       | L1    | gnd |
| 4.20859       | 33.13         | 56.00         | 22.87       | L1    | gnd |
| 13.63437      | 45.32         | 60.00         | 14.68       | L1    | gnd |
| 25.29453      | 44.92         | 60.00         | 15.08       | L1    | gnd |

| Frequency MHz | AV Level dBµV | AV Limit dBµV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15781       | 44.24         | 55.58         | 11.34       | L1    | gnd |
| 1.63046       | 29.05         | 46.00         | 16.95       | L1    | gnd |
| 2.42734       | 31.34         | 46.00         | 14.66       | L1    | gnd |
| 4.13046       | 24.40         | 46.00         | 21.60       | L1    | gnd |
| 13.43125      | 39.13         | 50.00         | 10.87       | L1    | gnd |
| 25.5289       | 39.37         | 50.00         | 10.63       | L1    | gnd |



802.11ac HT40, Channel No: 46, N Line



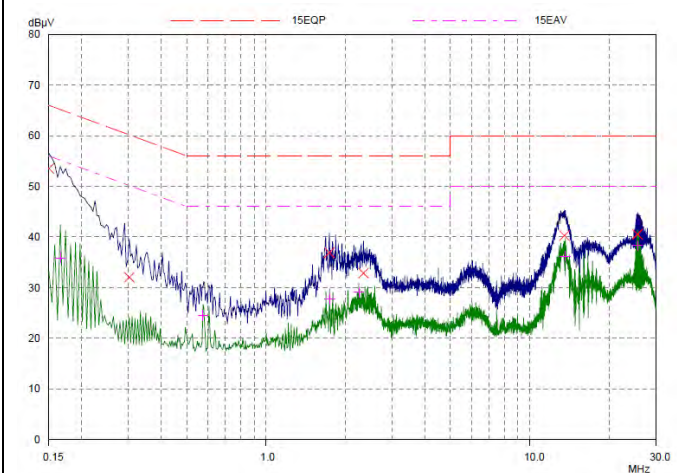
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 52.44         | 65.79         | 13.35       | N     | gnd |
| 1.72812       | 35.24         | 56.00         | 20.76       | N     | gnd |
| 2.31796       | 32.44         | 56.00         | 23.56       | N     | gnd |
| 2.48984       | 32.85         | 56.00         | 23.15       | N     | gnd |
| 13.56015      | 40.92         | 60.00         | 19.08       | N     | gnd |
| 25.5289       | 41.44         | 60.00         | 18.56       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 39.39         | 56.00         | 16.61       | N     | gnd |
| 0.60703       | 25.12         | 46.00         | 20.88       | N     | gnd |
| 1.7789        | 29.79         | 46.00         | 16.21       | N     | gnd |
| 2.48984       | 29.04         | 46.00         | 16.96       | N     | gnd |
| 13.56015      | 35.20         | 50.00         | 14.80       | N     | gnd |
| 25.44687      | 37.97         | 50.00         | 12.03       | N     | gnd |

802.11ac HT40, Channel No: 151, L Line



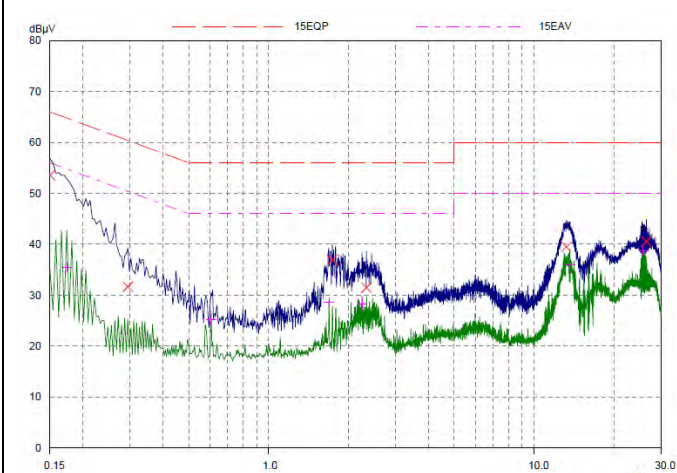
Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.51         | 66.00         | 12.49       | L1    | gnd |
| 0.30234       | 32.04         | 60.18         | 28.14       | L1    | gnd |
| 1.73593       | 36.94         | 56.00         | 19.06       | L1    | gnd |
| 2.3375        | 32.87         | 56.00         | 23.13       | L1    | gnd |
| 13.52109      | 40.28         | 60.00         | 19.72       | L1    | gnd |
| 25.60312      | 40.54         | 60.00         | 19.46       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16562       | 35.90         | 55.18         | 19.28       | L1    | gnd |
| 0.57578       | 24.51         | 46.00         | 21.49       | L1    | gnd |
| 1.73984       | 27.76         | 46.00         | 18.24       | L1    | gnd |
| 2.24375       | 29.08         | 46.00         | 16.92       | L1    | gnd |
| 13.63046      | 36.20         | 50.00         | 13.80       | L1    | gnd |
| 25.60312      | 38.30         | 50.00         | 11.70       | L1    | gnd |

802.11ac HT40, Channel No: 151, N Line



Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.54         | 66.00         | 12.46       | N     | gnd |
| 0.29453       | 31.66         | 60.40         | 28.74       | N     | gnd |
| 1.73203       | 36.94         | 56.00         | 19.06       | N     | gnd |
| 2.33359       | 31.48         | 56.00         | 24.52       | N     | gnd |
| 13.2164       | 39.49         | 60.00         | 20.51       | N     | gnd |
| 26.4625       | 40.52         | 60.00         | 19.48       | N     | gnd |

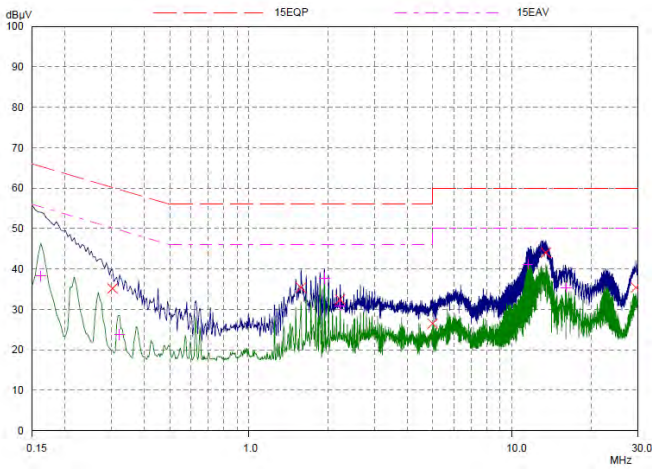
  

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17343       | 35.52         | 54.79         | 19.27       | N     | gnd |
| 0.60703       | 25.12         | 46.00         | 20.88       | N     | gnd |
| 1.68515       | 28.56         | 46.00         | 17.44       | N     | gnd |
| 2.24375       | 28.28         | 46.00         | 17.72       | N     | gnd |
| 13.5914       | 35.92         | 50.00         | 14.08       | N     | gnd |
| 25.75937      | 38.77         | 50.00         | 11.23       | N     | gnd |





### 802.11ac HT40, Channel No: 159, L Line

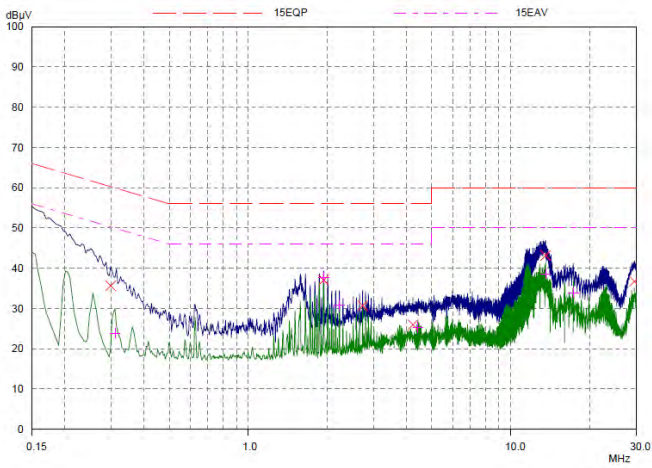


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.30234       | 35.19         | 60.18         | 24.99       | L1    | gnd |
| 1.57578       | 35.40         | 56.00         | 20.60       | L1    | gnd |
| 2.22031       | 32.50         | 56.00         | 23.50       | L1    | gnd |
| 4.98593       | 26.51         | 56.00         | 29.49       | L1    | gnd |
| 13.43515      | 44.00         | 60.00         | 16.00       | L1    | gnd |
| 29.55234      | 35.42         | 60.00         | 24.58       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16171       | 38.23         | 55.38         | 17.15       | L1    | gnd |
| 0.32187       | 23.77         | 49.66         | 25.89       | L1    | gnd |
| 1.93515       | 37.74         | 46.00         | 8.26        | L1    | gnd |
| 2.22031       | 30.93         | 46.00         | 15.07       | L1    | gnd |
| 11.50156      | 41.20         | 50.00         | 8.80        | L1    | gnd |
| 16.07578      | 35.45         | 50.00         | 14.55       | L1    | gnd |

### 802.11 ac HT40, Channel No: 159, N Line

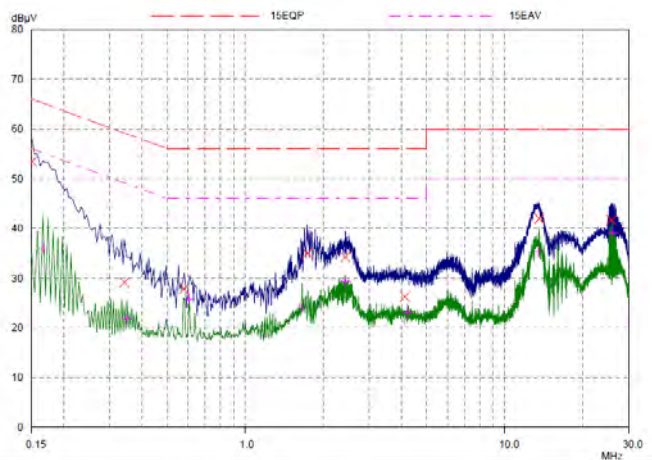


#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.29843       | 35.64         | 60.29         | 24.65       | N     | gnd |
| 1.93515       | 37.07         | 56.00         | 18.93       | N     | gnd |
| 2.72421       | 30.73         | 56.00         | 25.27       | N     | gnd |
| 4.23203       | 25.98         | 56.00         | 30.02       | N     | gnd |
| 13.57968      | 43.19         | 60.00         | 16.81       | N     | gnd |
| 29.5914       | 36.74         | 60.00         | 23.26       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.31015       | 23.87         | 49.97         | 26.10       | N     | gnd |
| 1.93515       | 37.67         | 46.00         | 8.33        | N     | gnd |
| 2.22031       | 30.77         | 46.00         | 15.23       | N     | gnd |
| 4.42343       | 25.32         | 46.00         | 20.68       | N     | gnd |
| 13.57968      | 38.63         | 50.00         | 11.37       | N     | gnd |
| 17.32578      | 33.93         | 50.00         | 16.07       | N     | gnd |

### 802.11ac HT80, Channel No: 42, L Line



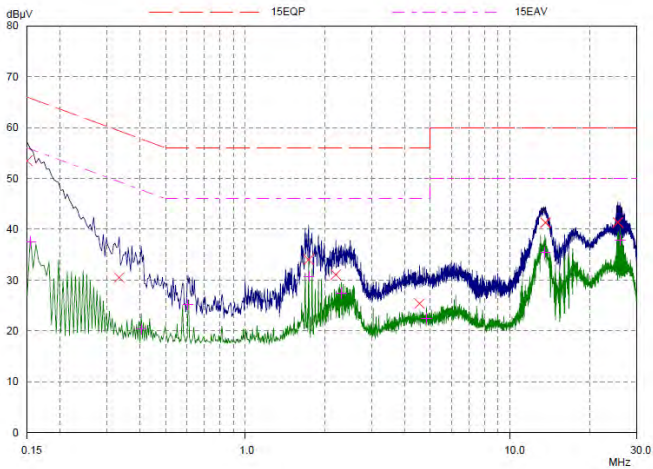
#### Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.43         | 66.00         | 12.57       | L1    | gnd |
| 0.3414        | 29.14         | 59.17         | 30.03       | L1    | gnd |
| 0.57968       | 27.83         | 56.00         | 28.17       | L1    | gnd |
| 1.73203       | 35.00         | 56.00         | 21.00       | L1    | gnd |
| 2.42734       | 34.21         | 56.00         | 21.79       | L1    | gnd |
| 4.11875       | 26.27         | 56.00         | 29.73       | L1    | gnd |
| 13.59531      | 41.98         | 60.00         | 18.02       | L1    | gnd |
| 25.76328      | 41.69         | 60.00         | 18.31       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.16562       | 35.85         | 55.18         | 19.33       | L1    | gnd |
| 0.34921       | 21.84         | 48.98         | 27.14       | L1    | gnd |
| 0.60703       | 25.71         | 46.00         | 20.29       | L1    | gnd |
| 1.6539        | 24.07         | 46.00         | 21.93       | L1    | gnd |
| 2.43125       | 29.27         | 46.00         | 16.73       | L1    | gnd |
| 4.20859       | 23.13         | 46.00         | 22.87       | L1    | gnd |
| 13.525        | 35.30         | 50.00         | 14.70       | L1    | gnd |
| 25.99765      | 39.10         | 50.00         | 10.90       | L1    | gnd |



802.11ac HT80, Channel No: 42, N Line

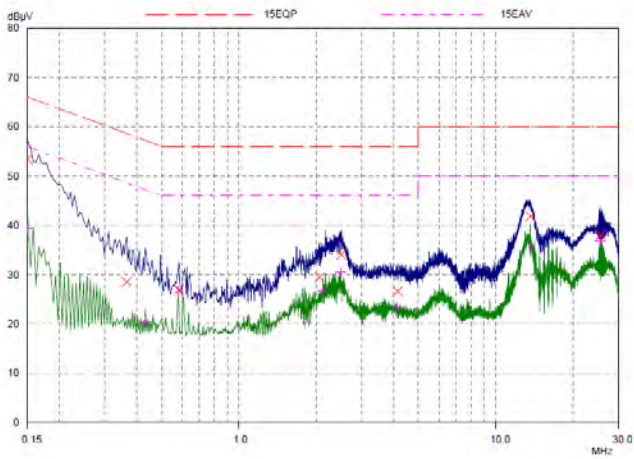


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.49         | 66.00         | 12.51       | N     | gnd |
| 0.33359       | 30.51         | 59.36         | 28.85       | N     | gnd |
| 1.73203       | 34.02         | 56.00         | 21.98       | N     | gnd |
| 2.19687       | 31.04         | 56.00         | 24.96       | N     | gnd |
| 4.54843       | 25.38         | 56.00         | 30.62       | N     | gnd |
| 13.59531      | 41.32         | 60.00         | 18.68       | N     | gnd |
| 25.5289       | 41.36         | 60.00         | 18.64       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 37.53         | 55.79         | 18.26       | N     | gnd |
| 0.4039        | 20.34         | 47.77         | 27.43       | N     | gnd |
| 0.60703       | 25.12         | 46.00         | 20.88       | N     | gnd |
| 1.73593       | 30.75         | 46.00         | 15.25       | N     | gnd |
| 2.30625       | 27.45         | 46.00         | 18.55       | N     | gnd |
| 4.82968       | 22.49         | 46.00         | 23.51       | N     | gnd |
| 13.53281      | 35.49         | 50.00         | 14.51       | N     | gnd |
| 26.07578      | 37.86         | 50.00         | 12.14       | N     | gnd |

802.11ac HT40, Channel No: 155, L Line

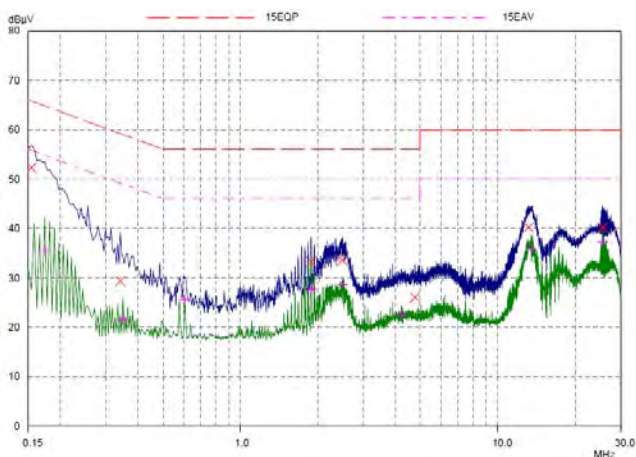


Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 53.43         | 66.00         | 12.57       | L1    | gnd |
| 0.36484       | 28.50         | 58.62         | 30.12       | L1    | gnd |
| 0.58359       | 26.87         | 56.00         | 29.13       | L1    | gnd |
| 2.05625       | 29.39         | 56.00         | 26.61       | L1    | gnd |
| 2.50156       | 34.09         | 56.00         | 21.91       | L1    | gnd |
| 4.15          | 26.64         | 56.00         | 29.36       | L1    | gnd |
| 13.62656      | 41.85         | 60.00         | 18.15       | L1    | gnd |
| 25.53281      | 38.02         | 60.00         | 21.98       | L1    | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.15          | 39.39         | 56.00         | 16.61       | L1    | gnd |
| 0.43125       | 20.38         | 47.23         | 26.85       | L1    | gnd |
| 0.57968       | 26.53         | 46.00         | 19.47       | L1    | gnd |
| 2.11875       | 26.72         | 46.00         | 19.28       | L1    | gnd |
| 2.48984       | 30.46         | 46.00         | 15.54       | L1    | gnd |
| 4.12655       | 23.29         | 46.00         | 22.71       | L1    | gnd |
| 13.60312      | 35.65         | 50.00         | 14.35       | L1    | gnd |
| 25.45859      | 36.78         | 50.00         | 13.22       | L1    | gnd |

802.11 ac HT40, Channel No: 155, N Line



Final Measurement Results

| Frequency MHz | QP Level dBμV | QP Limit dBμV | QP Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.1539        | 52.26         | 65.79         | 13.53       | N     | gnd |
| 0.3414        | 29.32         | 59.17         | 29.85       | N     | gnd |
| 1.88046       | 33.21         | 56.00         | 22.79       | N     | gnd |
| 2.48984       | 33.51         | 56.00         | 22.49       | N     | gnd |
| 4.76328       | 25.99         | 56.00         | 30.01       | N     | gnd |
| 13.17343      | 40.24         | 60.00         | 19.76       | N     | gnd |
| 25.53281      | 40.15         | 60.00         | 19.85       | N     | gnd |

| Frequency MHz | AV Level dBμV | AV Limit dBμV | AV Delta dB | Phase | PE  |
|---------------|---------------|---------------|-------------|-------|-----|
| 0.17343       | 35.52         | 54.79         | 19.27       | N     | gnd |
| 0.34921       | 21.61         | 48.98         | 27.37       | N     | gnd |
| 0.60703       | 25.49         | 46.00         | 20.51       | N     | gnd |
| 1.88046       | 27.60         | 46.00         | 18.40       | N     | gnd |
| 2.49375       | 28.69         | 46.00         | 17.31       | N     | gnd |
| 4.22812       | 22.45         | 46.00         | 23.55       | N     | gnd |
| 13.45468      | 35.87         | 50.00         | 14.13       | N     | gnd |
| 25.45468      | 37.22         | 50.00         | 12.78       | N     | gnd |



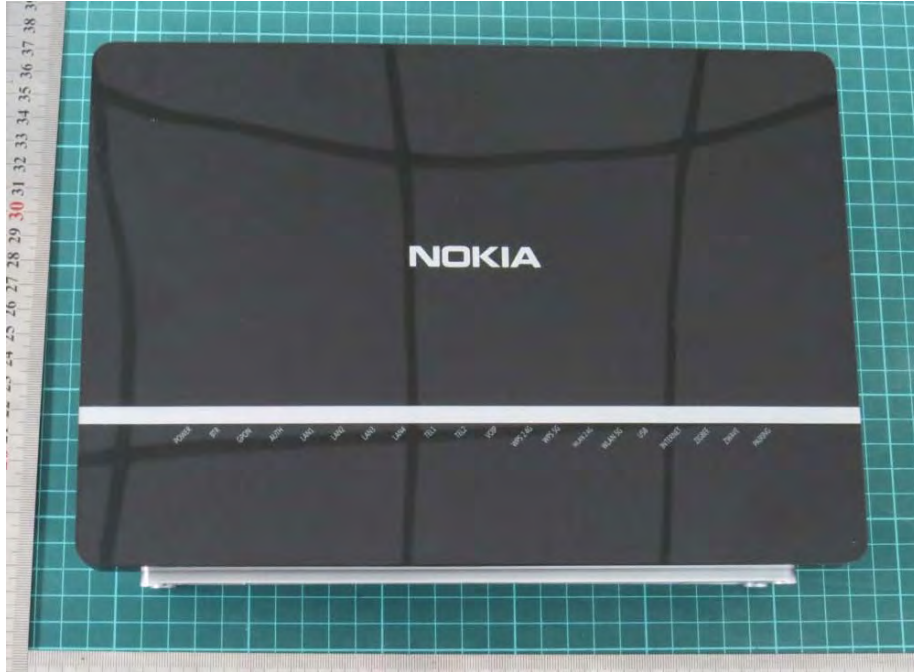
## 6. Main Test Instruments

| Name                                 | Type      | Manufacturer | Serial Number | Calibration Date | Expiration Time |
|--------------------------------------|-----------|--------------|---------------|------------------|-----------------|
| EMI Test Receiver                    | ESCI      | R&S          | 100948        | 2015-05-22       | 2016-05-21      |
| EMI Test Receiver                    | ESCI      | R&S          | 100948        | 2016-05-21       | 2017-05-20      |
| Loop Antenna                         | FMZB1519  | SCHWARZBECK  | 1519-047      | 2014-02-29       | 2017-02-28      |
| TRILOG Broadband Antenna             | VULB 9163 | Schwarzbeck  | 9163-201      | 2014-12-06       | 2017-12-05      |
| Double Ridged Waveguide Horn Antenna | HF907     | R&S          | 100126        | 2014-12-06       | 2017-12-05      |
| Standard Gain Horn                   | 3160-09   | ETS-Lindgren | 00102644      | 2015-01-30       | 2018-01-29      |
| EMI Test Receiver                    | ESCS30    | R&S          | 100138        | 2015-12-17       | 2016-12-16      |
| LISN                                 | ENV216    | R&S          | 101171        | 2013-12-18       | 2016-12-17      |
| Spectrum Analyzer                    | E4445A    | Agilent      | MY46181146    | 2015-05-22       | 2016-05-21      |
| Spectrum Analyzer                    | E4445A    | Agilent      | MY46181146    | 2016-05-21       | 2017-05-20      |
| Spectrum Analyzer                    | N9010A    | Agilent      | MY47191109    | 2015-05-22       | 2016-05-21      |
| Spectrum Analyzer                    | N9010A    | Agilent      | MY47191109    | 2016-05-21       | 2017-05-20      |
| MOB COMMS DC SUPPLY                  | 66319D    | Agilent      | MY43004105    | 2015-05-22       | 2016-05-21      |
| MOB COMMS DC SUPPLY                  | 66319D    | Agilent      | MY43004105    | 2016-05-21       | 2017-05-20      |
| Peak Power Meter                     | 8990B     | Agilent      | 51000109      | 2016-04-25       | 2017-04-24      |
| Wideband Power Sensors               | N1923A    | Agilent      | MY51220004    | 2016-04-25       | 2017-04-24      |
| Spectrum Analyzer                    | FSV30     | R&S          | 100815        | 2015-12-17       | 2016-12-16      |
| RF Cable                             | SMA 15cm  | Agilent      | 0001          | 2016-03-07       | 2016-06-06      |
| RF Cable                             | SMA 15cm  | Agilent      | 0001          | 2016-06-06       | 2016-09-05      |
| Spectrum Analyzer                    | E4447A    | Agilent      | MRTSUE06028   | 2015-10-09       | 2016-10-08      |
| Broadband Horn Antenna               | BBHA9170  | Schwarzbeck  | MRTSUE06024   | 2016-01-05       | 2017-01-04      |

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

# ANNEX A: EUT Appearance and Test Setup

## A.1 EUT Appearance



Front Side

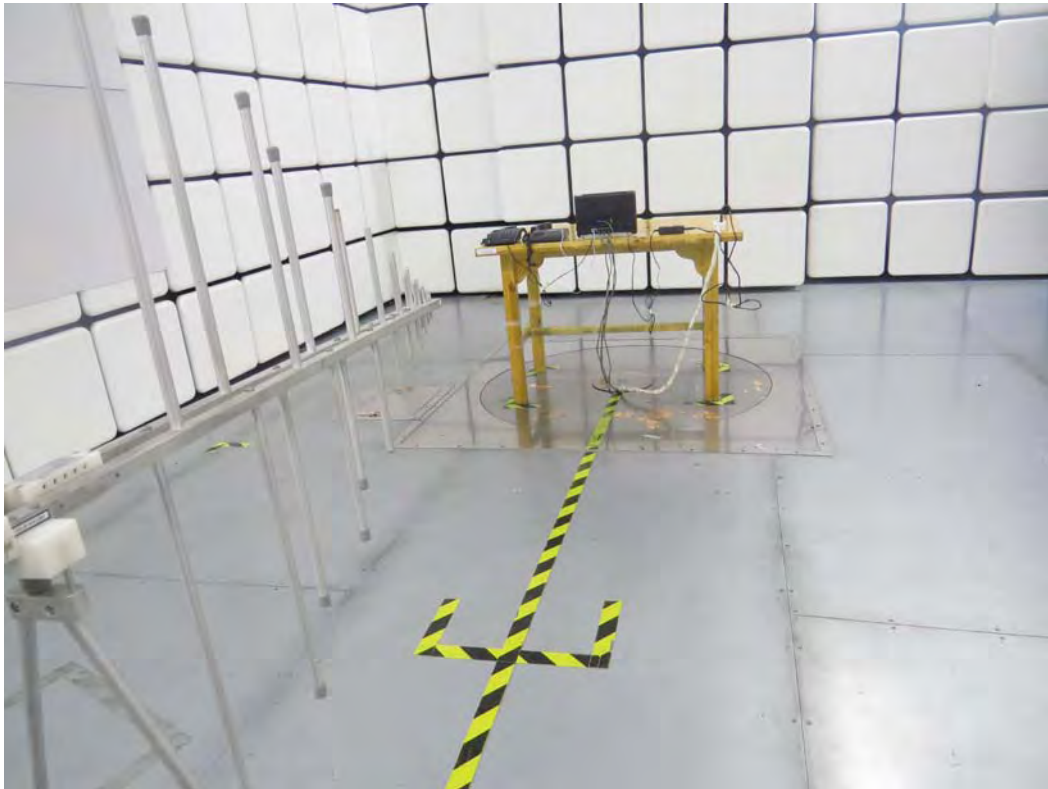


Back Side

a: EUT

Picture 1 EUT

## A.2 Test Setup



30MHz-1GHz



Above 1GHz

**Picture 2 Radiated Emission Test Setup**



**Picture 3 Conducted Emission Test Setup**