

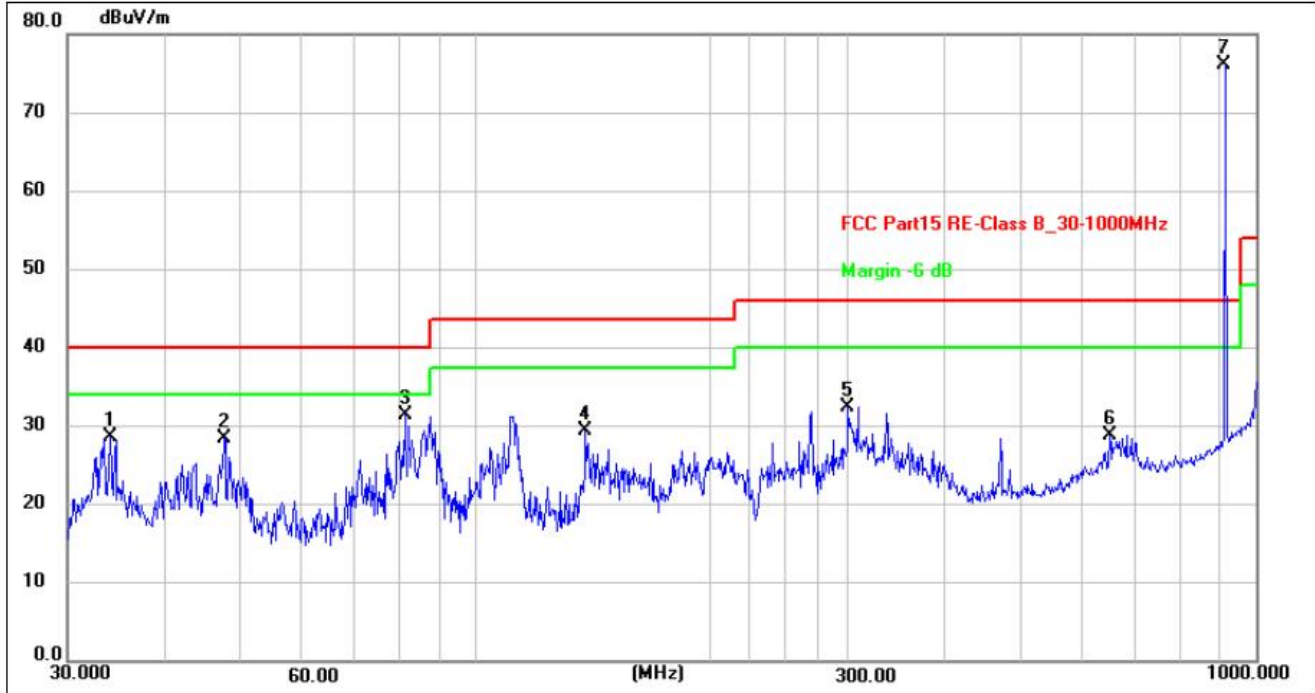
## Appendix B \_ Radiated Test Data & AC Power Line conducted Emission Data

### Radiated emission below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

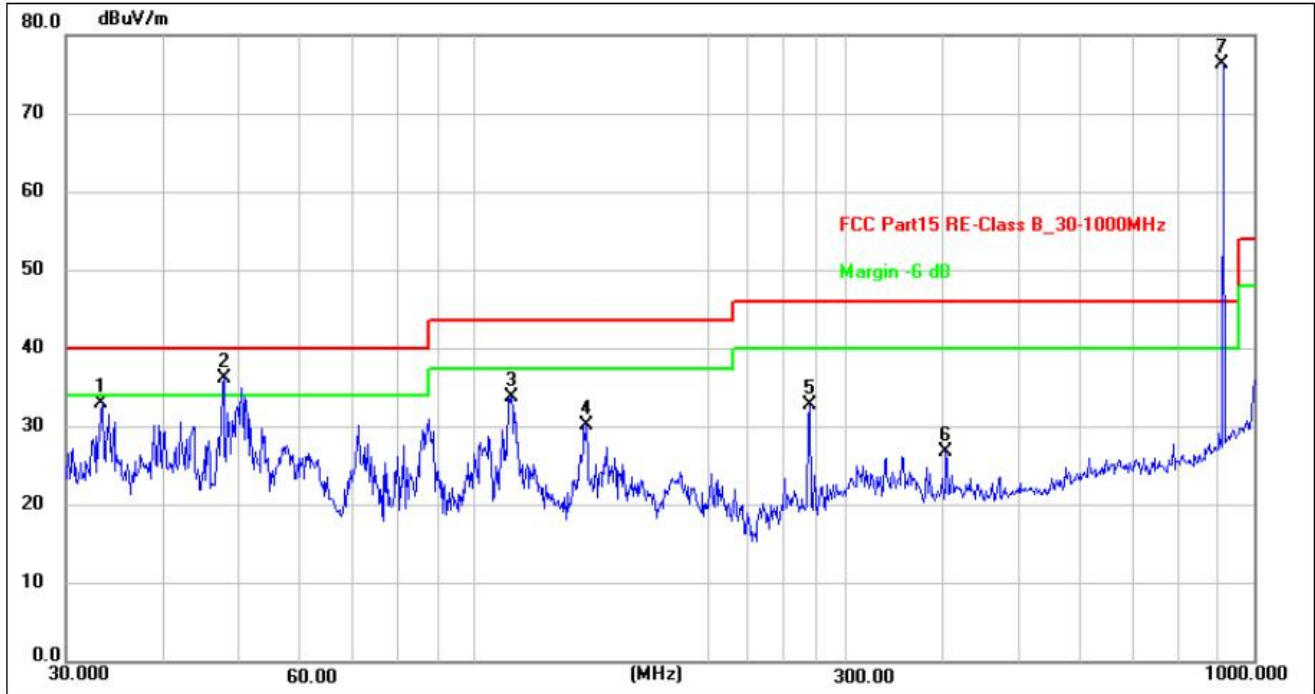
## Radiated emission below 1000MHz

|             |                         |                   |            |
|-------------|-------------------------|-------------------|------------|
| Temperature | 25.6°C                  | Relative Humidity | 52%        |
| Pressure    | 960mbar                 | Test Voltage      | AC120V     |
| Test Mode   | Mode1/2/3(Mode 1 worst) | Antenna           | Horizontal |



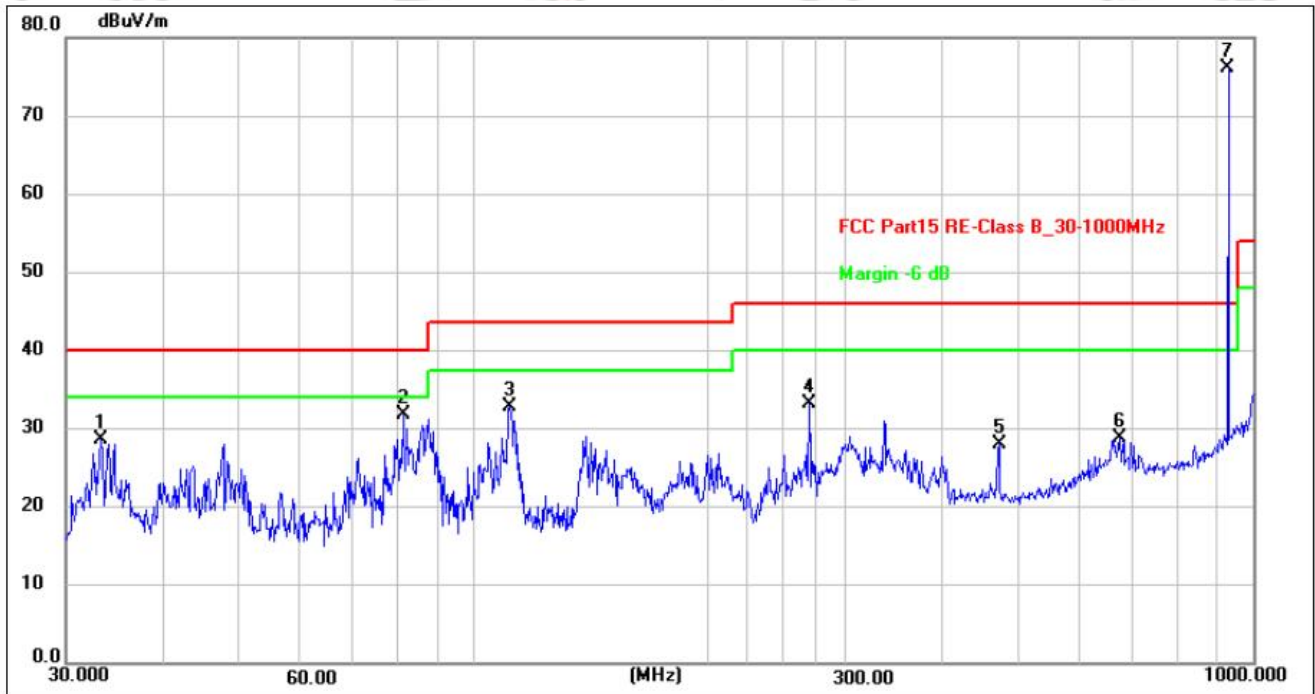
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 34.0365         | 53.13          | -24.60        | 28.53          | 40.00          | -11.47      | peak | 200         | 349           |        |
| 2   | 47.6586         | 51.84          | -23.37        | 28.47          | 40.00          | -11.53      | peak | 200         | 225           |        |
| 3   | 81.2117         | 60.45          | -28.94        | 31.51          | 40.00          | -8.49       | peak | 200         | 184           |        |
| 4   | 138.3873        | 54.66          | -25.20        | 29.46          | 43.50          | -14.04      | peak | 200         | 81            |        |
| 5   | 300.3672        | 55.09          | -22.74        | 32.35          | 46.00          | -13.65      | peak | 100         | 164           |        |
| 6   | 649.6597        | 42.93          | -14.03        | 28.90          | 46.00          | -17.10      | peak | 100         | 241           |        |
| 7 * | 902.7500        | 86.40          | -10.26        | 76.14          | 46.00          | 30.14       | peak | 100         | 148           |        |

|             |                          |                   |          |
|-------------|--------------------------|-------------------|----------|
| Temperature | 25.6°C                   | Relative Humidity | 52%      |
| Pressure    | 960mbar                  | Test Voltage      | AC120V   |
| Test Mode   | Model1/2/3(Mode 1 worst) | Antenna           | Vertical |



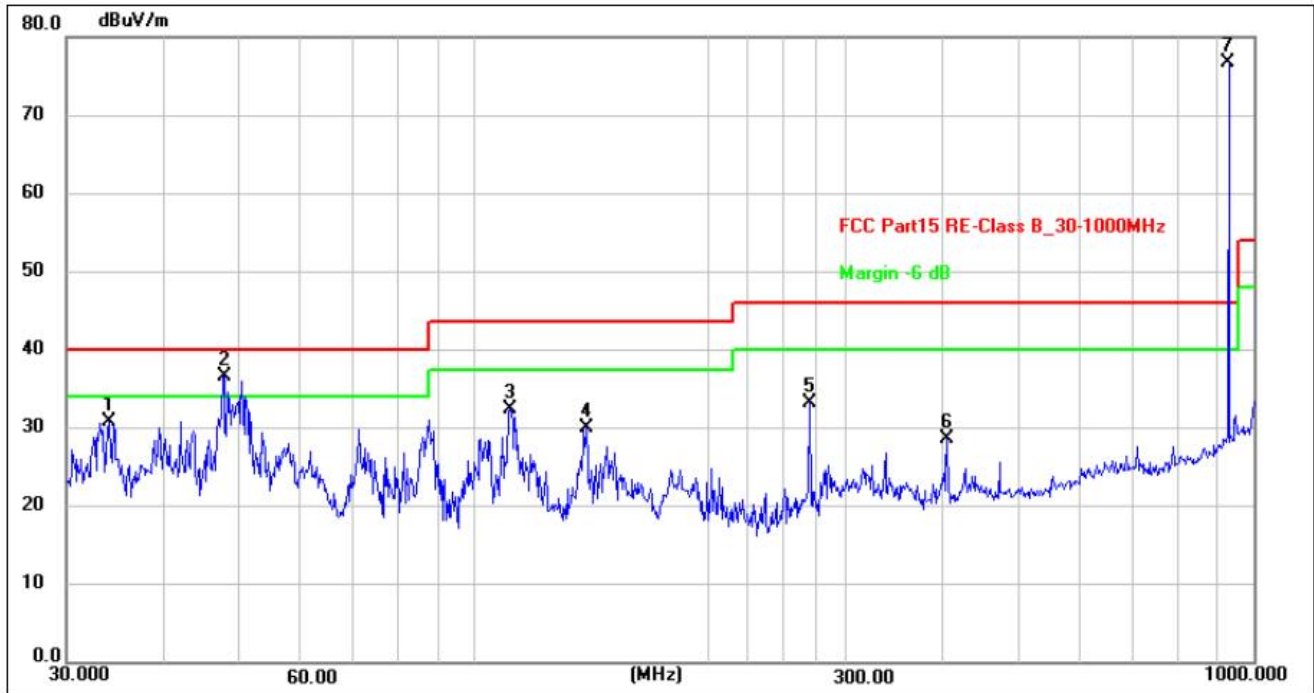
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 33.4449         | 57.66          | -24.71        | 32.95          | 40.00          | -7.05       | peak | 100         | 63            |        |
| 2 ! | 47.8260         | 59.52          | -23.39        | 36.13          | 40.00          | -3.87       | peak |             |               |        |
| 3   | 111.7380        | 60.89          | -27.09        | 33.80          | 43.50          | -9.70       | peak | 100         | 206           |        |
| 4   | 139.3613        | 55.42          | -25.11        | 30.31          | 43.50          | -13.19      | peak | 100         | 171           |        |
| 5   | 269.4284        | 57.23          | -24.41        | 32.82          | 46.00          | -13.18      | peak | 100         | 73            |        |
| 6   | 403.2500        | 47.16          | -20.26        | 26.90          | 46.00          | -19.10      | peak | 100         | 226           |        |
| 7 * | 902.7500        | 86.55          | -10.26        | 76.29          | 46.00          | 30.29       | peak | 200         | 356           |        |

|             |                         |                   |            |
|-------------|-------------------------|-------------------|------------|
| Temperature | 25.6°C                  | Relative Humidity | 52%        |
| Pressure    | 960mbar                 | Test Voltage      | AC120V     |
| Test Mode   | Mode4/5/6(Mode 4 worst) | Antenna           | Horizontal |



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 33.2112         | 53.38          | -24.75        | 28.63          | 40.00          | -11.37      | peak | 200         | 179           |        |
| 2   | 81.2117         | 60.76          | -28.94        | 31.82          | 40.00          | -8.18       | peak | 200         | 174           |        |
| 3   | 111.3468        | 59.85          | -27.11        | 32.74          | 43.50          | -10.76      | peak | 200         | 246           |        |
| 4   | 269.4284        | 57.65          | -24.41        | 33.24          | 46.00          | -12.76      | peak | 100         | 231           |        |
| 5   | 472.1760        | 46.31          | -18.26        | 28.05          | 46.00          | -17.95      | peak | 182         | 360           |        |
| 6   | 675.2080        | 42.40          | -13.64        | 28.76          | 46.00          | -17.24      | peak | 100         | 298           |        |
| 7 * | 902.7500        | 85.96          | -9.85         | 76.11          | 46.00          | 30.11       | peak | 200         | 35            |        |

|             |                         |                   |          |
|-------------|-------------------------|-------------------|----------|
| Temperature | 25.6°C                  | Relative Humidity | 52%      |
| Pressure    | 960mbar                 | Test Voltage      | AC120V   |
| Test Mode   | Mode4/5/6(Mode 4 worst) | Antenna           | Vertical |



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth (deg) | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 34.0365         | 55.42          | -24.60        | 30.82          | 40.00          | -9.18       | peak | 100         | 143           |        |
| 2 ! | 47.8260         | 60.07          | -23.39        | 36.68          | 40.00          | -3.32       | peak | 100         | 133           |        |
| 3   | 111.3468        | 59.60          | -27.11        | 32.49          | 43.50          | -11.01      | peak | 100         | 200           |        |
| 4   | 139.3613        | 55.05          | -25.11        | 29.94          | 43.50          | -13.56      | peak | 100         | 189           |        |
| 5   | 269.4284        | 57.67          | -24.41        | 33.26          | 46.00          | -12.74      | peak | 100         | 65            |        |
| 6   | 404.6665        | 48.82          | -20.21        | 28.61          | 46.00          | -17.39      | peak | 100         | 308           |        |
| 7 * | 902.7500        | 86.46          | -9.85         | 76.61          | 46.00          | 30.61       | peak | 200         | 40            |        |

Note: The above marker \* means the consciously transmitting signals

## Radiated emission above 1GHz

|             |                         |                   |            |
|-------------|-------------------------|-------------------|------------|
| Temperature | 25.6°C                  | Relative Humidity | 52%        |
| Pressure    | 960mbar                 | Test Voltage      | AC120V     |
| Test Mode   | Mode1/2/3(Mode 2 worst) | Antenna           | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Value Type |
|-----------|---------------|--------|----------------|----------|--------|------------|
| (MHz)     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |            |
| 1805.500  | 69.53         | -18.25 | 51.28          | 74       | -22.72 | peak       |
| 1805.500  | 53.27         | -18.25 | 35.02          | 54       | -18.98 | AVG        |
| 2708.250  | 55.27         | -14.23 | 41.04          | 74       | -32.96 | peak       |
| 2708.250  | 45.22         | -14.23 | 30.99          | 54       | -23.01 | AVG        |
| 3611.000  | 50.03         | -11.05 | 38.98          | 74       | -35.02 | peak       |
| 3611.000  | 37.29         | -11.05 | 26.24          | 54       | -27.76 | AVG        |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

|             |                         |                   |          |
|-------------|-------------------------|-------------------|----------|
| Temperature | 25.6°C                  | Relative Humidity | 52%      |
| Pressure    | 960mbar                 | Test Voltage      | AC120V   |
| Test Mode   | Mode1/2/3(Mode 2 worst) | Antenna           | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits   | Margin | Value Type |
|-----------|---------------|--------|----------------|----------|--------|------------|
| (MHz)     | (dBμV)        | (dB)   | (dBμV/m)       | (dBμV/m) | (dB)   |            |
| 1805.500  | 64.23         | -18.25 | 45.98          | 74       | -28.02 | peak       |
| 1805.500  | 50.08         | -18.25 | 31.83          | 54       | -22.17 | AVG        |
| 2708.250  | 52.14         | -14.23 | 37.91          | 74       | -36.09 | peak       |
| 2708.250  | 46.11         | -14.23 | 31.88          | 54       | -22.12 | AVG        |
| 3611.000  | 45.15         | -11.05 | 34.1           | 74       | -39.9  | peak       |
| 3611.000  | 38.42         | -11.05 | 27.37          | 54       | -26.63 | AVG        |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

|             |                         |                   |            |
|-------------|-------------------------|-------------------|------------|
| Temperature | 25.6°C                  | Relative Humidity | 52%        |
| Pressure    | 960mbar                 | Test Voltage      | AC120V     |
| Test Mode   | Mode4/5/6(Mode 4 worst) | Antenna           | Horizontal |

| Frequency<br>(MHz) | Meter Reading<br>(dBμV) | Factor<br>(dB) | Emission Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Value Type |
|--------------------|-------------------------|----------------|----------------------------|--------------------|----------------|------------|
| 1805.500           | 68.31                   | -18.25         | 50.06                      | 74                 | -23.94         | peak       |
| 1805.500           | 52.08                   | -18.25         | 33.83                      | 54                 | -20.17         | AVG        |
| 2708.250           | 53.27                   | -14.23         | 39.04                      | 74                 | -34.96         | peak       |
| 2708.250           | 42.19                   | -14.23         | 27.96                      | 54                 | -26.04         | AVG        |
| 3611.000           | 48.02                   | -11.05         | 36.97                      | 74                 | -37.03         | peak       |
| 3611.000           | 39.13                   | -11.05         | 28.08                      | 54                 | -25.92         | AVG        |

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

|             |                         |                   |          |
|-------------|-------------------------|-------------------|----------|
| Temperature | 25.6°C                  | Relative Humidity | 52%      |
| Pressure    | 960mbar                 | Test Voltage      | AC120V   |
| Test Mode   | Mode4/5/6(Mode 4 worst) | Antenna           | Vertical |

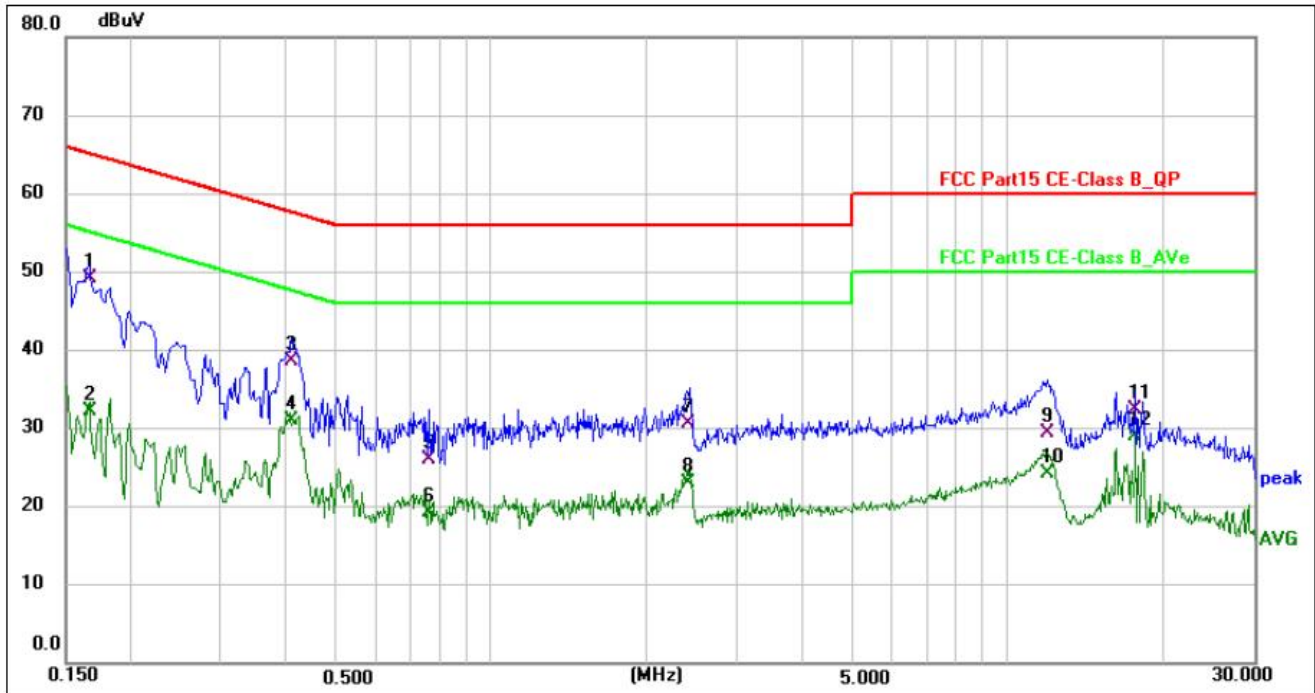
| Frequency<br>(MHz) | Meter Reading<br>(dBμV) | Factor<br>(dB) | Emission Level<br>(dBμV/m) | Limits<br>(dBμV/m) | Margin<br>(dB) | Value Type |
|--------------------|-------------------------|----------------|----------------------------|--------------------|----------------|------------|
| 1805.500           | 62.15                   | -18.25         | 43.90                      | 74                 | -30.10         | peak       |
| 1805.500           | 49.54                   | -18.25         | 31.29                      | 54                 | -22.71         | AVG        |
| 2708.250           | 50.18                   | -14.23         | 35.95                      | 74                 | -38.05         | peak       |
| 2708.250           | 45.12                   | -14.23         | 30.89                      | 54                 | -23.11         | AVG        |
| 3611.000           | 46.23                   | -11.05         | 35.18                      | 74                 | -38.82         | peak       |
| 3611.000           | 37.52                   | -11.05         | 26.47                      | 54                 | -27.53         | AVG        |

Remark:

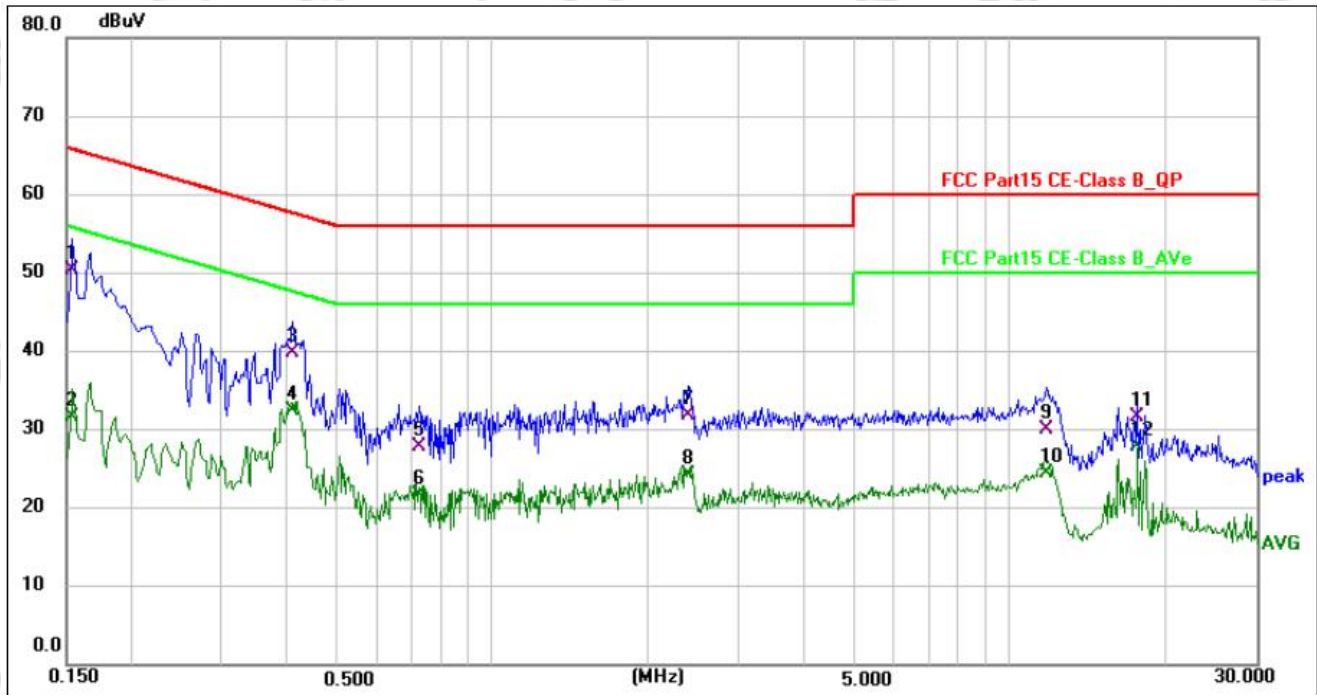
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

## AC Power Line conducted Emission Data

|             |         |                   |          |
|-------------|---------|-------------------|----------|
| Temperature | 25.3°C  | Relative Humidity | 56%      |
| Pressure    | 960mbar | Test Voltage      | AC120V   |
| Test Mode   | Mode7   | Antenna           | Vertical |



| No. | Frequency (MHz) | Reading Level(dBuV) | Factor (dB) | Measurement(dBuV) | Limit (dBuV) | Margin (dB) | Detector | phase |
|-----|-----------------|---------------------|-------------|-------------------|--------------|-------------|----------|-------|
| 1 * | 0.1660          | 29.80               | 19.33       | 49.13             | 65.16        | -16.03      | QP       | L     |
| 2   | 0.1660          | 12.83               | 19.33       | 32.16             | 55.16        | -23.00      | AVG      |       |
| 3   | 0.4100          | 19.30               | 19.27       | 38.57             | 57.65        | -19.08      | QP       |       |
| 4   | 0.4100          | 11.82               | 19.27       | 31.09             | 47.65        | -16.56      | AVG      |       |
| 5   | 0.7580          | 6.67                | 19.41       | 26.08             | 56.00        | -29.92      | QP       |       |
| 6   | 0.7580          | -0.14               | 19.41       | 19.27             | 46.00        | -26.73      | AVG      |       |
| 7   | 2.4219          | 11.16               | 19.46       | 30.62             | 56.00        | -25.38      | QP       |       |
| 8   | 2.4219          | 3.59                | 19.46       | 23.05             | 46.00        | -22.95      | AVG      |       |
| 9   | 11.9940         | 9.88                | 19.51       | 29.39             | 60.00        | -30.61      | QP       |       |
| 10  | 11.9940         | 4.76                | 19.51       | 24.27             | 50.00        | -25.73      | AVG      |       |
| 11  | 17.6940         | 13.00               | 19.47       | 32.47             | 60.00        | -27.53      | QP       |       |
| 12  | 17.6940         | 9.47                | 19.47       | 28.94             | 50.00        | -21.06      | AVG      |       |



| No. | Frequency (MHz) | Reading Level(dBuV) | Factor (dB) | Measurement(dBuV) | Limit (dBuV) | Margin (dB) | Detector | Phase |
|-----|-----------------|---------------------|-------------|-------------------|--------------|-------------|----------|-------|
| 1   | 0.1539          | 31.11               | 19.33       | 50.44             | 65.79        | -15.35      | QP       | N     |
| 2   | 0.1539          | 12.27               | 19.33       | 31.60             | 55.79        | -24.19      | AVG      |       |
| 3   | 0.4100          | 20.48               | 19.34       | 39.82             | 57.65        | -17.83      | QP       |       |
| 4 * | 0.4100          | 13.07               | 19.34       | 32.41             | 47.65        | -15.24      | AVG      |       |
| 5   | 0.7220          | 8.50                | 19.35       | 27.85             | 56.00        | -28.15      | QP       |       |
| 6   | 0.7220          | 2.21                | 19.35       | 21.56             | 46.00        | -24.44      | AVG      |       |
| 7   | 2.3900          | 12.51               | 19.36       | 31.87             | 56.00        | -24.13      | QP       |       |
| 8   | 2.3900          | 4.86                | 19.36       | 24.22             | 46.00        | -21.78      | AVG      |       |
| 9   | 11.7580         | 10.50               | 19.45       | 29.95             | 60.00        | -30.05      | QP       |       |
| 10  | 11.7580         | 5.07                | 19.45       | 24.52             | 50.00        | -25.48      | AVG      |       |
| 11  | 17.6940         | 12.12               | 19.41       | 31.53             | 60.00        | -28.47      | QP       |       |
| 12  | 17.6940         | 8.51                | 19.41       | 27.92             | 50.00        | -22.08      | AVG      |       |

\*\*\*\*\*END OF APPENDIX B\*\*\*\*\*