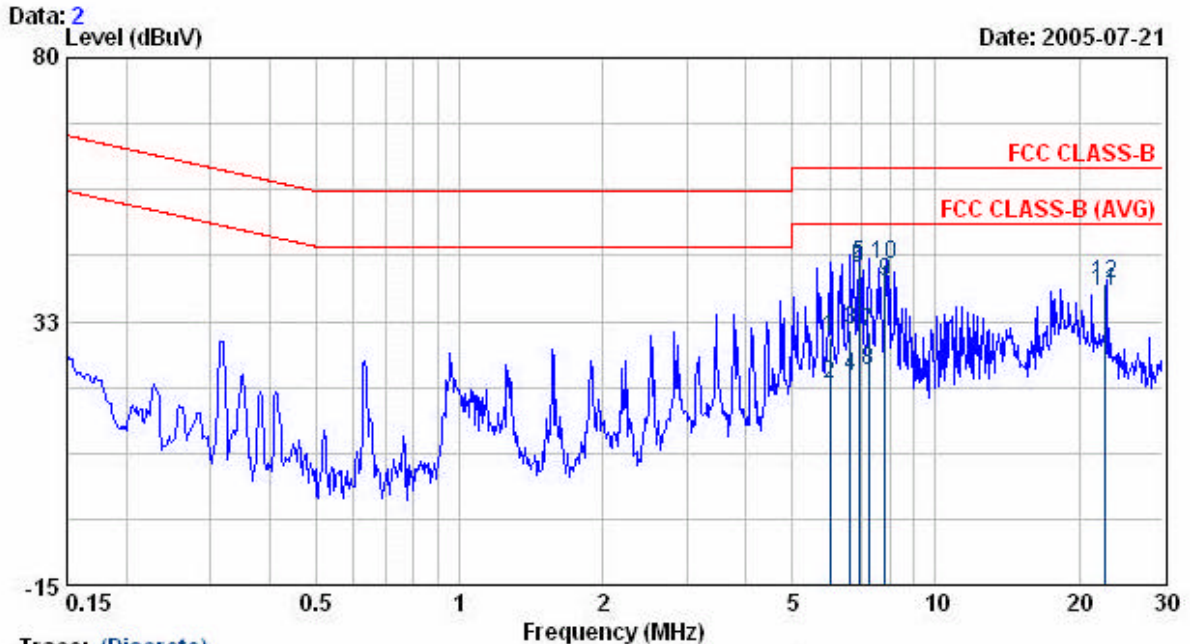


Test Adaptor 2 : DV-151A-1

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch1  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



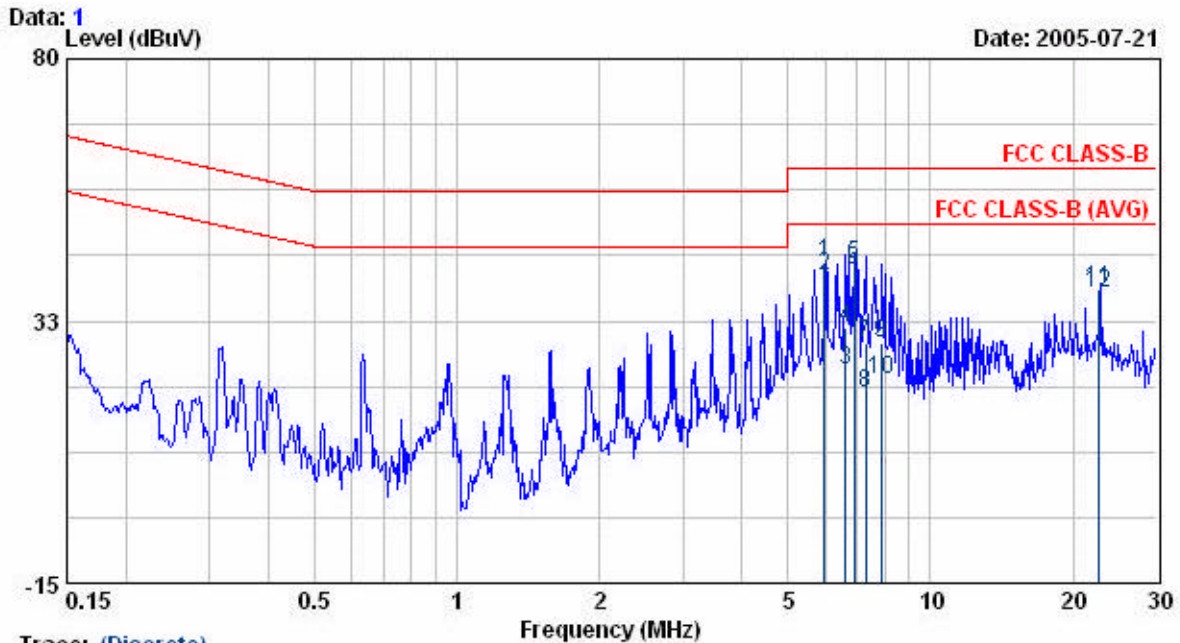
Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.99  | 28.87      | 0.60   | 29.47 | 60.00 | -30.53     | QP      |
| 5.99  | 20.51      | 0.60   | 21.11 | 50.00 | -28.89     | AVERAGE |
| 6.61  | 30.21      | 0.60   | 30.81 | 60.00 | -29.19     | QP      |
| 6.61  | 22.11      | 0.60   | 22.71 | 50.00 | -27.29     | AVERAGE |
| 6.91  | 42.30      | 0.60   | 42.90 | 60.00 | -17.10     | QP      |
| 6.91  | 41.45      | 0.60   | 42.05 | 50.00 | -7.95      | AVERAGE |
| 7.24  | 29.98      | 0.60   | 30.58 | 60.00 | -29.42     | QP      |
| 7.24  | 23.11      | 0.60   | 23.71 | 50.00 | -26.29     | AVERAGE |
| 7.85  | 39.04      | 0.60   | 39.64 | 50.00 | -10.36     | AVERAGE |
| 7.85  | 42.01      | 0.60   | 42.61 | 60.00 | -17.39     | QP      |
| 22.75 | 37.10      | 0.80   | 37.90 | 50.00 | -12.10     | AVERAGE |
| 22.75 | 38.39      | 0.80   | 39.19 | 60.00 | -20.81     | QP      |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch1  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.97  | 42.50      | 0.66   | 43.16 | 60.00 | -16.84     | QP      |
| 5.97  | 40.16      | 0.66   | 40.82 | 50.00 | -9.18      | AVERAGE |
| 6.62  | 23.00      | 0.65   | 23.65 | 50.00 | -26.35     | AVERAGE |
| 6.62  | 30.59      | 0.65   | 31.24 | 60.00 | -28.76     | QP      |
| 6.91  | 41.98      | 0.64   | 42.62 | 60.00 | -17.38     | QP      |
| 6.91  | 41.07      | 0.64   | 41.71 | 50.00 | -8.29      | AVERAGE |
| 7.30  | 27.77      | 0.63   | 28.40 | 60.00 | -31.60     | QP      |
| 7.30  | 18.86      | 0.63   | 19.49 | 50.00 | -30.51     | AVERAGE |
| 7.88  | 27.90      | 0.63   | 28.53 | 60.00 | -31.47     | QP      |
| 7.88  | 21.11      | 0.63   | 21.74 | 50.00 | -28.26     | AVERAGE |
| 22.75 | 37.53      | 0.72   | 38.25 | 60.00 | -21.75     | QP      |
| 22.75 | 36.94      | 0.72   | 37.66 | 50.00 | -12.34     | AVERAGE |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

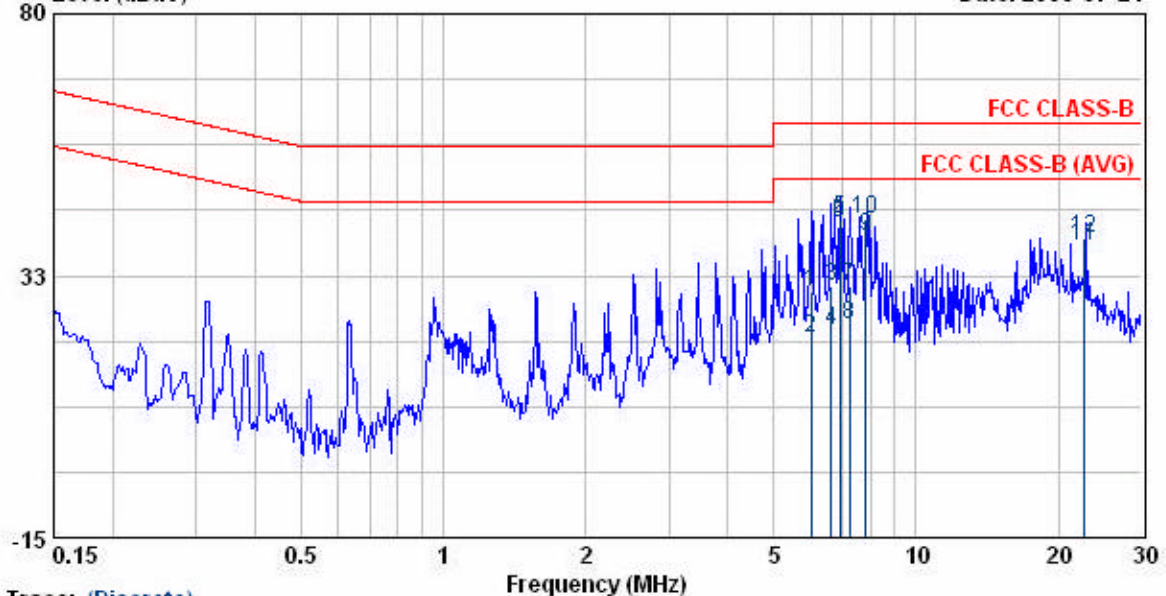
EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch6  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 4

Level (dBuV)

Date: 2005-07-21



Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.99  | 28.78      | 0.60   | 29.38 | 60.00 | -30.62     | QP      |
| 5.99  | 20.60      | 0.60   | 21.20 | 50.00 | -28.80     | AVERAGE |
| 6.61  | 30.06      | 0.60   | 30.66 | 60.00 | -29.34     | QP      |
| 6.61  | 22.08      | 0.60   | 22.68 | 50.00 | -27.32     | AVERAGE |
| 6.91  | 42.11      | 0.60   | 42.71 | 60.00 | -17.29     | QP      |
| 6.91  | 41.39      | 0.60   | 41.99 | 50.00 | -8.01      | AVERAGE |
| 7.24  | 30.02      | 0.60   | 30.62 | 60.00 | -29.38     | QP      |
| 7.24  | 23.20      | 0.60   | 23.80 | 50.00 | -26.20     | AVERAGE |
| 7.85  | 39.04      | 0.60   | 39.64 | 50.00 | -10.36     | AVERAGE |
| 7.85  | 42.01      | 0.60   | 42.61 | 60.00 | -17.39     | QP      |
| 22.75 | 37.05      | 0.80   | 37.85 | 50.00 | -12.15     | AVERAGE |
| 22.75 | 38.36      | 0.80   | 39.16 | 60.00 | -20.84     | QP      |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

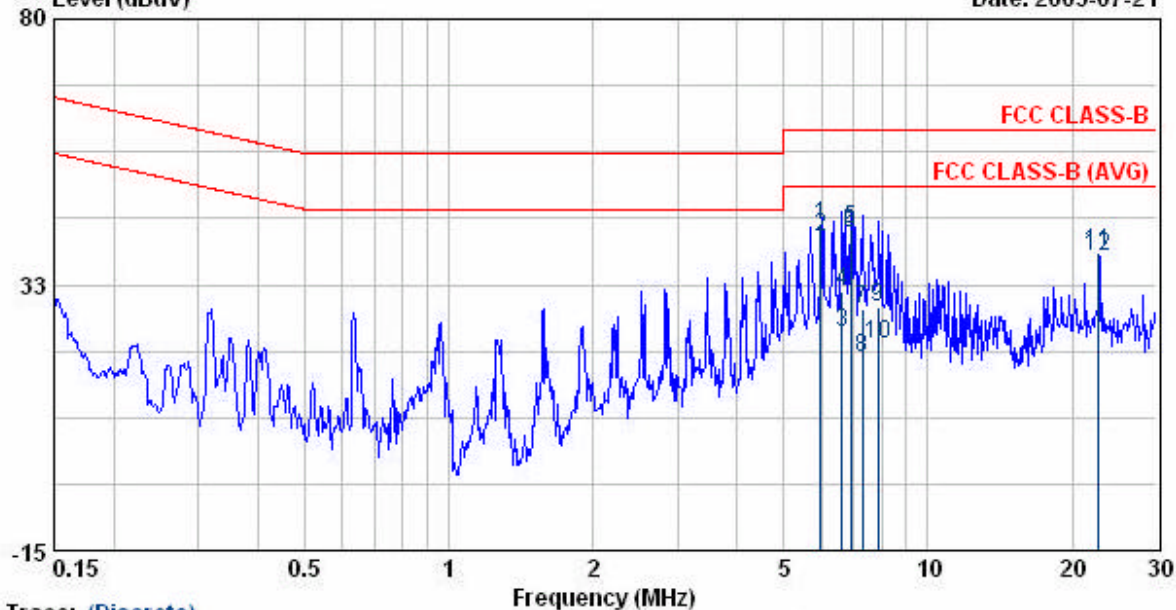
EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch6  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 3

Level (dBuV)

Date: 2005-07-21



Trace: (Discrete)

| Freq  | Read  | Factor | Level | Limit | Over   | Remark  |
|-------|-------|--------|-------|-------|--------|---------|
| MHz   | dBuV  | dB     | dBuV  | dBuV  | dBuV   |         |
| 5.97  | 42.55 | 0.66   | 43.21 | 60.00 | -16.79 | QP      |
| 5.97  | 40.22 | 0.66   | 40.88 | 50.00 | -9.12  | AVERAGE |
| 6.62  | 23.20 | 0.65   | 23.85 | 50.00 | -26.15 | AVERAGE |
| 6.62  | 30.73 | 0.65   | 31.38 | 60.00 | -28.62 | QP      |
| 6.91  | 41.78 | 0.64   | 42.42 | 60.00 | -17.58 | QP      |
| 6.91  | 40.99 | 0.64   | 41.63 | 50.00 | -8.37  | AVERAGE |
| 7.30  | 27.68 | 0.63   | 28.31 | 60.00 | -31.69 | QP      |
| 7.30  | 18.90 | 0.63   | 19.53 | 50.00 | -30.47 | AVERAGE |
| 7.88  | 27.93 | 0.63   | 28.56 | 60.00 | -31.44 | QP      |
| 7.88  | 21.13 | 0.63   | 21.76 | 50.00 | -28.24 | AVERAGE |
| 22.75 | 37.53 | 0.72   | 38.25 | 60.00 | -21.75 | QP      |
| 22.75 | 36.96 | 0.72   | 37.68 | 50.00 | -12.32 | AVERAGE |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

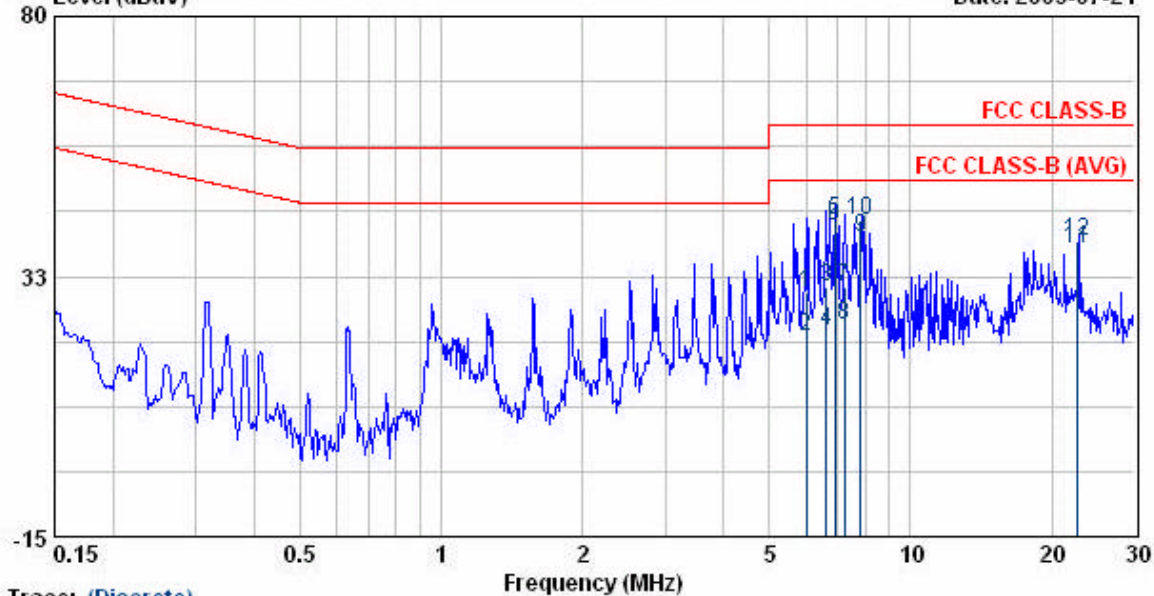
EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch11  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 6

Level (dBuV)

Date: 2005-07-21



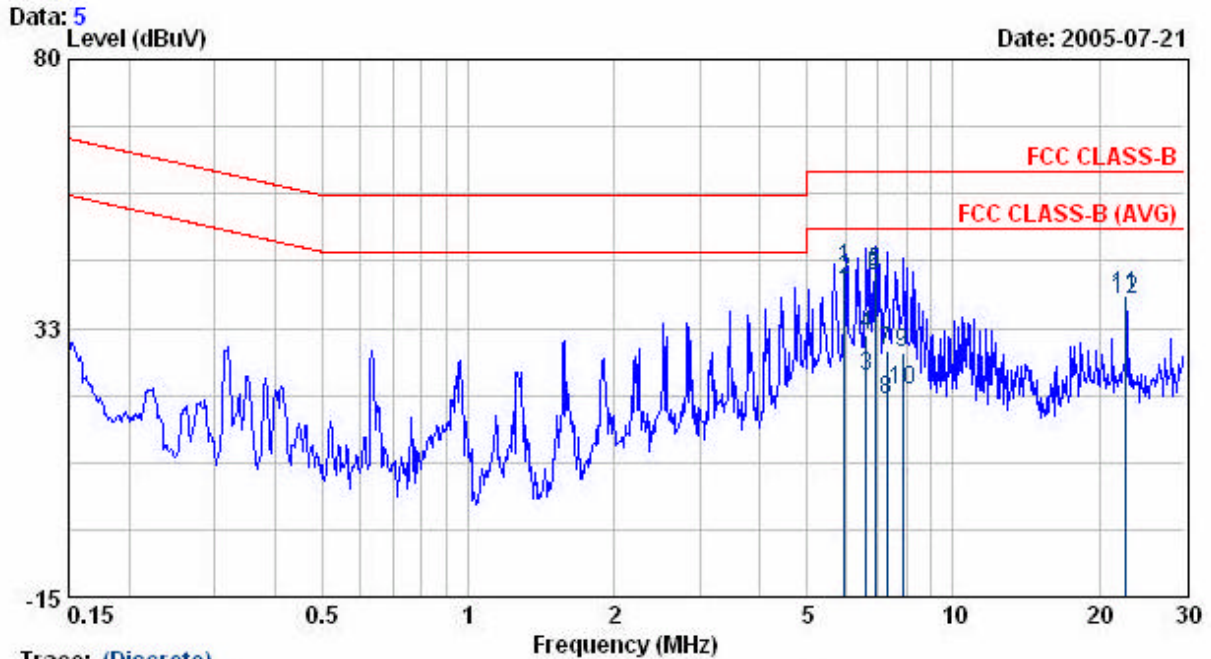
Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.99  | 28.84      | 0.60   | 29.44 | 60.00 | -30.56     | QP      |
| 5.99  | 20.77      | 0.60   | 21.37 | 50.00 | -28.63     | AVERAGE |
| 6.61  | 30.15      | 0.60   | 30.75 | 60.00 | -29.25     | QP      |
| 6.61  | 22.14      | 0.60   | 22.74 | 50.00 | -27.26     | AVERAGE |
| 6.91  | 42.03      | 0.60   | 42.63 | 60.00 | -17.37     | QP      |
| 6.91  | 41.29      | 0.60   | 41.89 | 50.00 | -8.11      | AVERAGE |
| 7.24  | 29.90      | 0.60   | 30.50 | 60.00 | -29.50     | QP      |
| 7.24  | 23.09      | 0.60   | 23.69 | 50.00 | -26.31     | AVERAGE |
| 7.85  | 39.03      | 0.60   | 39.63 | 50.00 | -10.37     | AVERAGE |
| 7.85  | 42.01      | 0.60   | 42.61 | 60.00 | -17.39     | QP      |
| 22.75 | 36.88      | 0.80   | 37.68 | 50.00 | -12.32     | AVERAGE |
| 22.75 | 38.21      | 0.80   | 39.01 | 60.00 | -20.99     | QP      |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11b\_ch11  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



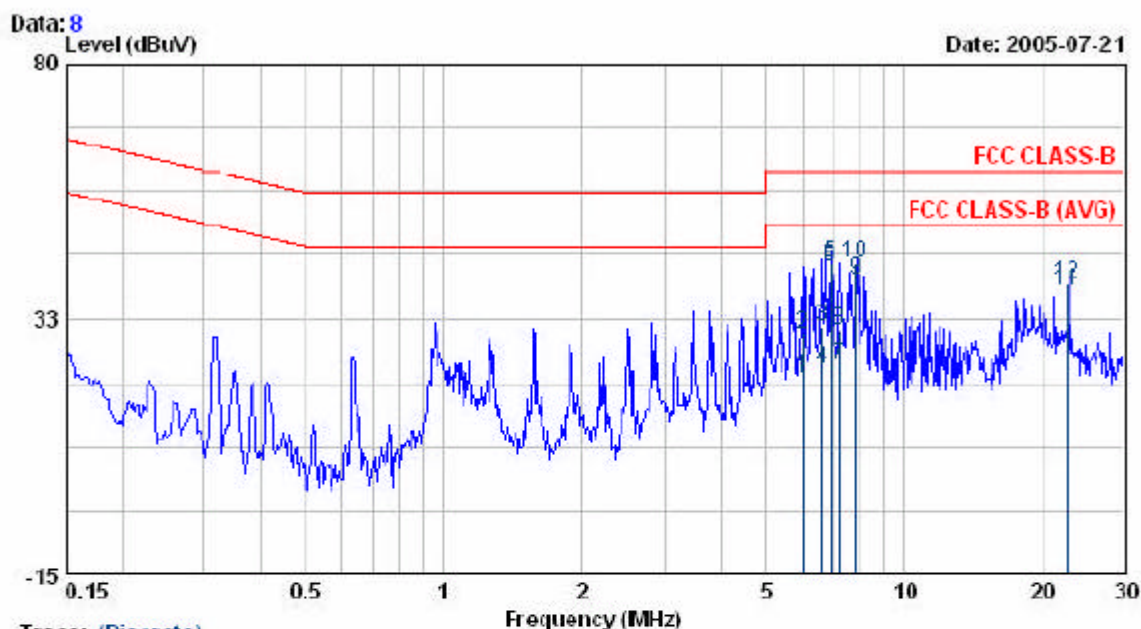
Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.97  | 42.58      | 0.66   | 43.24 | 60.00 | -16.76     | QP      |
| 5.97  | 40.26      | 0.66   | 40.92 | 50.00 | -9.08      | AVERAGE |
| 6.62  | 23.33      | 0.65   | 23.98 | 50.00 | -26.02     | AVERAGE |
| 6.62  | 30.79      | 0.65   | 31.44 | 60.00 | -28.56     | QP      |
| 6.91  | 41.66      | 0.64   | 42.30 | 60.00 | -17.70     | QP      |
| 6.91  | 41.06      | 0.64   | 41.70 | 50.00 | -8.30      | AVERAGE |
| 7.30  | 27.75      | 0.63   | 28.38 | 60.00 | -31.62     | QP      |
| 7.30  | 19.22      | 0.63   | 19.85 | 50.00 | -30.15     | AVERAGE |
| 7.88  | 27.68      | 0.63   | 28.31 | 60.00 | -31.69     | QP      |
| 7.88  | 21.00      | 0.63   | 21.63 | 50.00 | -28.37     | AVERAGE |
| 22.75 | 37.50      | 0.72   | 38.22 | 60.00 | -21.78     | QP      |
| 22.75 | 36.91      | 0.72   | 37.63 | 50.00 | -12.37     | AVERAGE |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch1  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



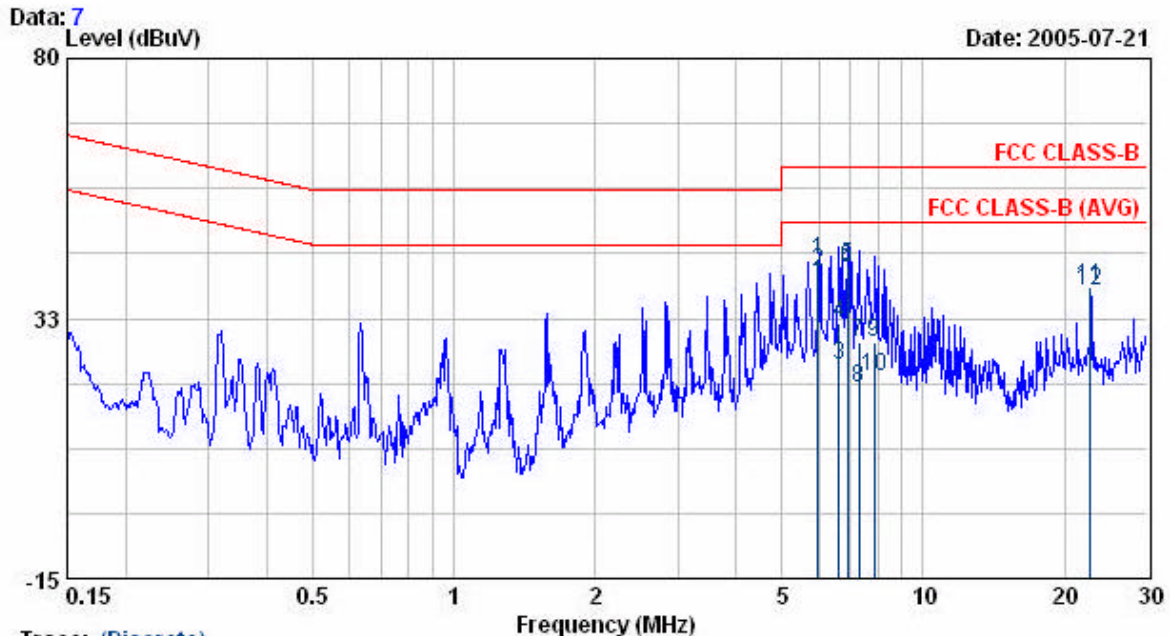
Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.99  | 20.85      | 0.60   | 21.45 | 50.00 | -28.55     | AVERAGE |
| 5.99  | 28.77      | 0.60   | 29.37 | 60.00 | -30.63     | QP      |
| 6.61  | 30.20      | 0.60   | 30.80 | 60.00 | -29.20     | QP      |
| 6.61  | 22.16      | 0.60   | 22.76 | 50.00 | -27.24     | AVERAGE |
| 6.91  | 42.14      | 0.60   | 42.74 | 60.00 | -17.26     | QP      |
| 6.91  | 41.36      | 0.60   | 41.96 | 50.00 | -8.04      | AVERAGE |
| 7.24  | 22.95      | 0.60   | 23.55 | 50.00 | -26.45     | AVERAGE |
| 7.24  | 29.70      | 0.60   | 30.30 | 60.00 | -29.70     | QP      |
| 7.85  | 39.16      | 0.60   | 39.76 | 50.00 | -10.24     | AVERAGE |
| 7.85  | 42.11      | 0.60   | 42.71 | 60.00 | -17.29     | QP      |
| 22.75 | 36.88      | 0.80   | 37.68 | 50.00 | -12.32     | AVERAGE |
| 22.75 | 38.21      | 0.80   | 39.01 | 60.00 | -20.99     | QP      |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch1  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.97  | 42.49      | 0.66   | 43.15 | 60.00 | -16.85     | QP      |
| 5.97  | 40.40      | 0.66   | 41.06 | 50.00 | -8.94      | AVERAGE |
| 6.62  | 23.50      | 0.65   | 24.15 | 50.00 | -25.85     | AVERAGE |
| 6.62  | 30.92      | 0.65   | 31.57 | 60.00 | -28.43     | QP      |
| 6.91  | 41.50      | 0.64   | 42.14 | 60.00 | -17.86     | QP      |
| 6.91  | 40.93      | 0.64   | 41.57 | 50.00 | -8.43      | AVERAGE |
| 7.30  | 27.57      | 0.63   | 28.20 | 60.00 | -31.80     | QP      |
| 7.30  | 19.10      | 0.63   | 19.73 | 50.00 | -30.27     | AVERAGE |
| 7.88  | 27.55      | 0.63   | 28.18 | 60.00 | -31.82     | QP      |
| 7.88  | 21.10      | 0.63   | 21.73 | 50.00 | -28.27     | AVERAGE |
| 22.75 | 37.60      | 0.72   | 38.32 | 60.00 | -21.68     | QP      |
| 22.75 | 36.80      | 0.72   | 37.52 | 50.00 | -12.48     | AVERAGE |

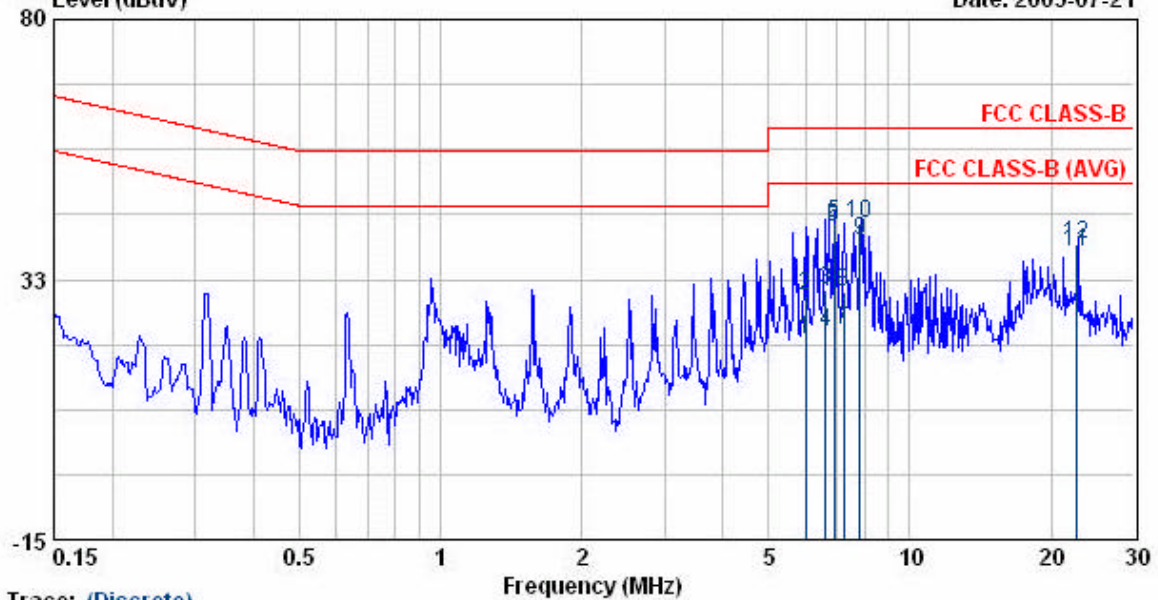
Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch6  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 10  
 Level (dBuV)

Date: 2005-07-21



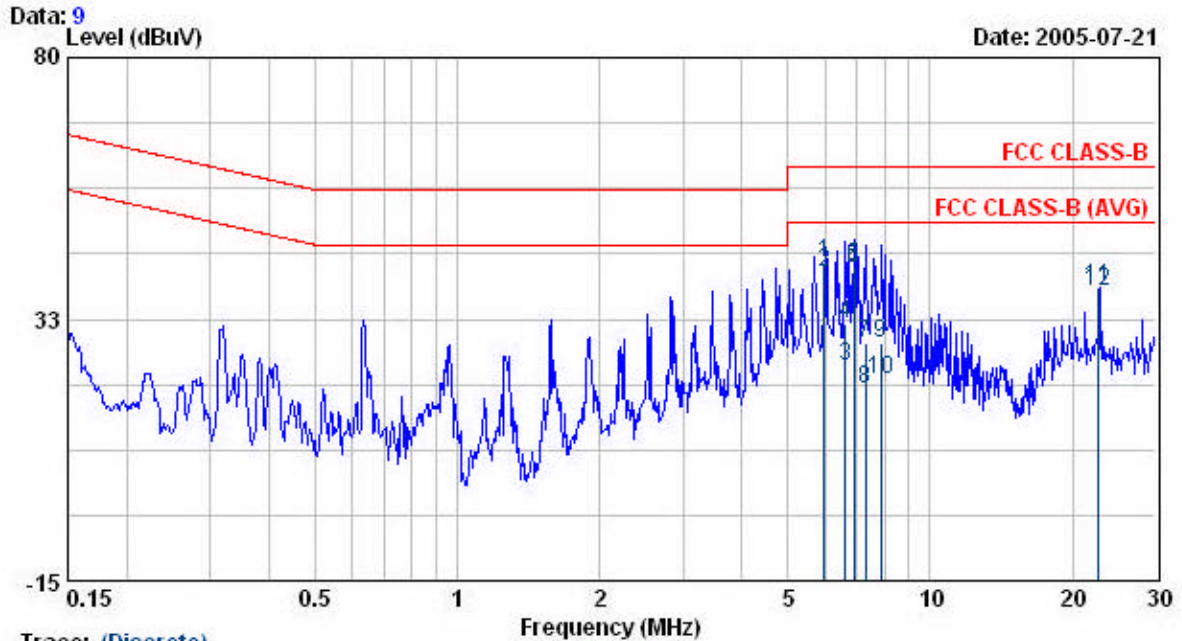
Trace: (Discrete)

| Freq  | Read  | Factor | Level | Limit | Over   | Remark  |
|-------|-------|--------|-------|-------|--------|---------|
| MHz   | dBuV  | dB     | dBuV  | dBuV  | dBuV   |         |
| 5.99  | 20.99 | 0.60   | 21.59 | 50.00 | -28.41 | AVERAGE |
| 5.99  | 28.93 | 0.60   | 29.53 | 60.00 | -30.47 | QP      |
| 6.61  | 30.14 | 0.60   | 30.74 | 60.00 | -29.26 | QP      |
| 6.61  | 22.19 | 0.60   | 22.79 | 50.00 | -27.21 | AVERAGE |
| 6.91  | 42.24 | 0.60   | 42.84 | 60.00 | -17.16 | QP      |
| 6.91  | 41.40 | 0.60   | 42.00 | 50.00 | -8.00  | AVERAGE |
| 7.24  | 22.80 | 0.60   | 23.40 | 50.00 | -26.60 | AVERAGE |
| 7.24  | 29.60 | 0.60   | 30.20 | 60.00 | -29.80 | QP      |
| 7.85  | 39.16 | 0.60   | 39.76 | 50.00 | -10.24 | AVERAGE |
| 7.85  | 42.11 | 0.60   | 42.71 | 60.00 | -17.29 | QP      |
| 22.75 | 36.80 | 0.80   | 37.60 | 50.00 | -12.40 | AVERAGE |
| 22.75 | 38.17 | 0.80   | 38.97 | 60.00 | -21.03 | QP      |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch6  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %



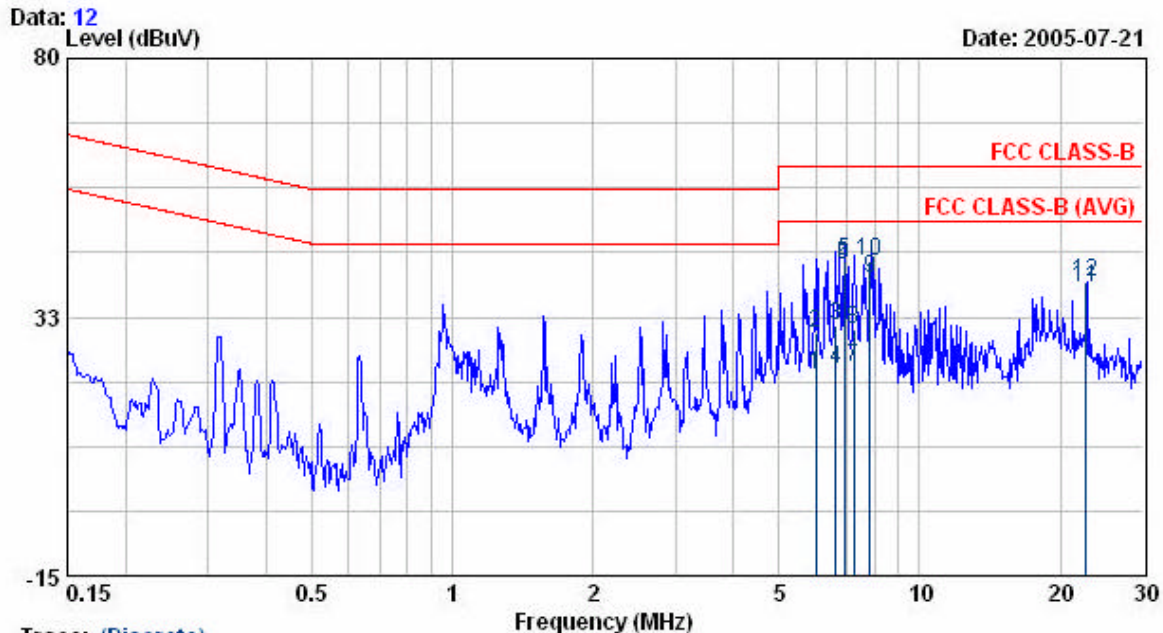
Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.97  | 42.20      | 0.66   | 42.86 | 60.00 | -17.14     | QP      |
| 5.97  | 40.21      | 0.66   | 40.87 | 50.00 | -9.13      | AVERAGE |
| 6.62  | 23.39      | 0.65   | 24.04 | 50.00 | -25.96     | AVERAGE |
| 6.62  | 30.88      | 0.65   | 31.53 | 60.00 | -28.47     | QP      |
| 6.91  | 41.37      | 0.64   | 42.01 | 60.00 | -17.99     | QP      |
| 6.91  | 41.11      | 0.64   | 41.75 | 50.00 | -8.25      | AVERAGE |
| 7.30  | 27.59      | 0.63   | 28.22 | 60.00 | -31.78     | QP      |
| 7.30  | 19.10      | 0.63   | 19.73 | 50.00 | -30.27     | AVERAGE |
| 7.88  | 27.49      | 0.63   | 28.12 | 60.00 | -31.88     | QP      |
| 7.88  | 21.07      | 0.63   | 21.70 | 50.00 | -28.30     | AVERAGE |
| 22.75 | 37.60      | 0.72   | 38.32 | 60.00 | -21.68     | QP      |
| 22.75 | 36.80      | 0.72   | 37.52 | 50.00 | -12.48     | AVERAGE |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch11  
 Memo : DV151A-1

Pol/Phase : NEUTRAL  
 Temperature : 25 °C  
 Humidity : 64 %



Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.99  | 21.23      | 0.60   | 21.83 | 50.00 | -28.17     | AVERAGE |
| 5.99  | 29.05      | 0.60   | 29.65 | 60.00 | -30.35     | QP      |
| 6.61  | 30.18      | 0.60   | 30.78 | 60.00 | -29.22     | QP      |
| 6.61  | 22.30      | 0.60   | 22.90 | 50.00 | -27.10     | AVERAGE |
| 6.91  | 42.24      | 0.60   | 42.84 | 60.00 | -17.16     | QP      |
| 6.91  | 41.40      | 0.60   | 42.00 | 50.00 | -8.00      | AVERAGE |
| 7.24  | 22.80      | 0.60   | 23.40 | 50.00 | -26.60     | AVERAGE |
| 7.24  | 29.69      | 0.60   | 30.29 | 60.00 | -29.71     | QP      |
| 7.85  | 39.16      | 0.60   | 39.76 | 50.00 | -10.24     | AVERAGE |
| 7.85  | 42.11      | 0.60   | 42.71 | 60.00 | -17.29     | QP      |
| 22.75 | 36.99      | 0.80   | 37.79 | 50.00 | -12.21     | AVERAGE |
| 22.75 | 38.30      | 0.80   | 39.10 | 60.00 | -20.90     | QP      |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

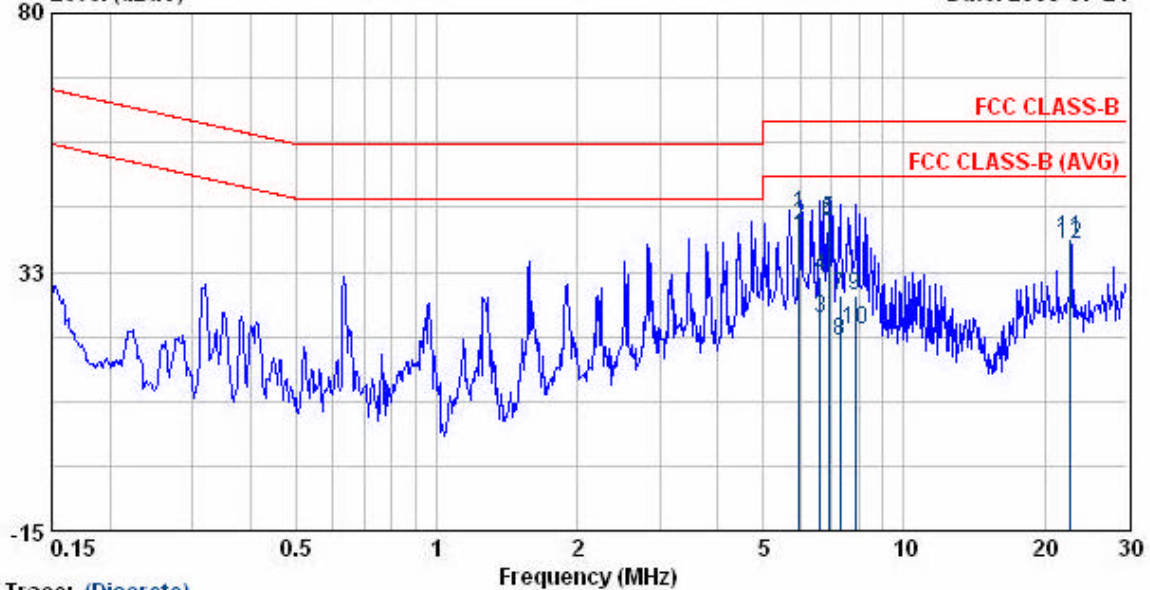
EUT : MBR814X  
 Power : AC 120V  
 Test Mode : 802.11g\_ch11  
 Memo : DV151A-1

Pol/Phase : LINE  
 Temperature : 25 °C  
 Humidity : 64 %

Data: 11

Level (dBuV)

Date: 2005-07-21



Trace: (Discrete)

| Freq  | Read Level | Factor | Level | Limit | Over Limit | Remark  |
|-------|------------|--------|-------|-------|------------|---------|
| MHz   | dBuV       | dB     | dBuV  | dBuV  | dBuV       |         |
| 5.97  | 42.44      | 0.66   | 43.10 | 60.00 | -16.90     | QP      |
| 5.97  | 40.38      | 0.66   | 41.04 | 50.00 | -8.96      | AVERAGE |
| 6.62  | 23.27      | 0.65   | 23.92 | 50.00 | -26.08     | AVERAGE |
| 6.62  | 30.90      | 0.65   | 31.55 | 60.00 | -28.45     | QP      |
| 6.91  | 41.32      | 0.64   | 41.96 | 60.00 | -18.04     | QP      |
| 6.91  | 41.00      | 0.64   | 41.64 | 50.00 | -8.36      | AVERAGE |
| 7.30  | 27.49      | 0.63   | 28.12 | 60.00 | -31.88     | QP      |
| 7.30  | 19.01      | 0.63   | 19.64 | 50.00 | -30.36     | AVERAGE |
| 7.88  | 27.55      | 0.63   | 28.18 | 60.00 | -31.82     | QP      |
| 7.88  | 21.20      | 0.63   | 21.83 | 50.00 | -28.17     | AVERAGE |
| 22.75 | 37.77      | 0.72   | 38.49 | 60.00 | -21.51     | QP      |
| 22.75 | 36.85      | 0.72   | 37.57 | 50.00 | -12.43     | AVERAGE |

Remarks: 1. Level = Read Level + Factor  
 2. Factor = LISN(ISN) Factor + Cable Loss

Test engineer:

#### 4.5.1. Test Photographs

Front View



Rear View

