

Appendix A – Radiated and Conducted Emissions Measurement Data**A.1 Conducted Emissions Data**

Conducted emissions limits do not apply to this Access BPL equipment

A.2 Radiated Emissions Data**A.2.1 1.705 MHz to 30 MHz**

Date: February 7, 2008

EUT: CURRENT Bridge URD 6111 (S/N: 13018AD900433074)

Location: CURRENT Potomac Test Area – C-7053

Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

| Frequency (MHz) | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer (dBμV/m) | Measurement Distance (m) | Distance Correction Factor to 30m (dB) | QP Level Corrected to 30m (dBμV/m) | 30m Limit (dBμV/m) | Margin (dB) |
|--------------------|---------------------|--------------------------|--|--------------------------------|--|---|-----------------------|----------------|
| 6.43 | 0° | 1 | 64.33 | 3 | -40.0 | 24.33 | 29.5 | -5.17 |
| 6.63 | 0° | 1 | 64.08 | 3 | -40.0 | 24.08 | 29.5 | -5.42 |
| 4.48 | 0° | 1 | 59.22 | 3 | -40.0 | 19.22 | 29.5 | -10.28 |
| 6.23 | 0° | 1 | 62.30 | 3 | -40.0 | 22.30 | 29.5 | -7.20 |
| 4.48 | 22.5° | 1 | 61.52 | 3 | -40.0 | 21.52 | 29.5 | -7.98 |
| 6.63 | 22.5° | 1 | 65.16 | 3 | -40.0 | 25.16 | 29.5 | -4.34 |
| 11.74 | 22.5° | 1 | 59.12 | 3 | -40.0 | 19.12 | 29.5 | -10.38 |
| 11.30 | 22.5° | 1 | 59.24 | 3 | -40.0 | 19.24 | 29.5 | -10.26 |
| 6.42 | 45° | 1 | 64.16 | 3 | -40.0 | 24.16 | 29.5 | -5.34 |
| 4.48 | 45° | 1 | 61.73 | 3 | -40.0 | 21.73 | 29.5 | -7.77 |
| 11.51 | 45° | 1 | 60.59 | 3 | -40.0 | 20.59 | 29.5 | -8.91 |
| 11.90 | 45° | 1 | 55.69 | 3 | -40.0 | 15.69 | 29.5 | -13.81 |
| 8.97 | 67.5° | 1 | 63.79 | 3 | -40.0 | 23.79 | 29.5 | -5.71 |
| 4.67 | 67.5° | 1 | 60.23 | 3 | -40.0 | 20.23 | 29.5 | -9.27 |
| 11.51 | 67.5° | 1 | 62.81 | 3 | -40.0 | 22.81 | 29.5 | -6.69 |
| 11.90 | 67.5° | 1 | 53.83 | 3 | -40.0 | 13.83 | 29.5 | -15.67 |
| 6.62 | 90° | 1 | 65.61 | 3 | -40.0 | 25.61 | 29.5 | -3.89 |
| 6.26 | 90° | 1 | 64.04 | 3 | -40.0 | 24.04 | 29.5 | -5.46 |
| 4.48 | 90° | 1 | 60.69 | 3 | -40.0 | 20.69 | 29.5 | -8.81 |
| 9.36 | 90° | 1 | 59.48 | 3 | -40.0 | 19.48 | 29.5 | -10.02 |
| 6.07 | 112.5° | 1 | 54.91 | 3 | -40.0 | 14.91 | 29.5 | -14.59 |
| 6.46 | 112.5° | 1 | 54.98 | 3 | -40.0 | 14.98 | 29.5 | -14.52 |
| 19.15 | 112.5° | 1 | 51.60 | 3 | -40.0 | 11.60 | 29.5 | -17.90 |
| 19.53 | 112.5° | 1 | 50.50 | 3 | -40.0 | 10.50 | 29.5 | -19.00 |
| 6.07 | 135° | 1 | 60.23 | 3 | -40.0 | 20.23 | 29.5 | -9.27 |
| 5.65 | 135° | 1 | 58.22 | 3 | -40.0 | 18.22 | 29.5 | -11.28 |
| 6.62 | 135° | 1 | 59.24 | 3 | -40.0 | 19.24 | 29.5 | -10.26 |
| 4.50 | 135° | 1 | 63.04 | 3 | -40.0 | 23.04 | 29.5 | -6.46 |
| 9.60 | 157.5° | 1 | 57.68 | 3 | -40.0 | 17.68 | 29.5 | -11.82 |
| 10.53 | 157.5° | 1 | 55.40 | 3 | -40.0 | 15.40 | 29.5 | -14.10 |
| 10.76 | 157.5° | 1 | 55.49 | 3 | -40.0 | 15.49 | 29.5 | -14.01 |
| 16.60 | 157.5° | 1 | 53.73 | 3 | -40.0 | 13.73 | 29.5 | -15.77 |
| 9.80 | 180° | 1 | 54.35 | 3 | -40.0 | 14.35 | 29.5 | -15.15 |
| 8.98 | 180° | 1 | 55.22 | 3 | -40.0 | 15.22 | 29.5 | -14.28 |

| Frequency | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer | Measurement Distance | Distance Correction Factor to 30m | QP Level Corrected to 30m (dBμV/m) | 30m Limit (dBμV/m) | Margin (dB) |
|-----------|------------------|--------------------|-------------------------------|----------------------|-----------------------------------|------------------------------------|--------------------|-------------|
| 16.40 | 180° | 1 | 52.16 | 3 | -40.0 | 12.16 | 29.5 | -17.34 |
| 17.00 | 180° | 1 | 53.37 | 3 | -40.0 | 13.37 | 29.5 | -16.13 |
| 9.38 | 202.5° | 1 | 51.67 | 3 | -40.0 | 11.67 | 29.5 | -17.83 |
| 9.80 | 202.5° | 1 | 52.45 | 3 | -40.0 | 12.45 | 29.5 | -17.05 |
| 16.80 | 202.5° | 1 | 53.11 | 3 | -40.0 | 13.11 | 29.5 | -16.39 |
| 17.37 | 202.5° | 1 | 50.58 | 3 | -40.0 | 10.58 | 29.5 | -18.92 |
| 9.81 | 225° | 1 | 50.84 | 3 | -40.0 | 10.84 | 29.5 | -18.66 |
| 9.61 | 225° | 1 | 51.66 | 3 | -40.0 | 11.66 | 29.5 | -17.84 |
| 18.96 | 225° | 1 | 56.78 | 3 | -40.0 | 16.78 | 29.5 | -12.72 |
| 16.60 | 225° | 1 | 54.63 | 3 | -40.0 | 14.63 | 29.5 | -14.87 |
| 9.38 | 247.5° | 1 | 47.83 | 3 | -40.0 | 7.83 | 29.5 | -21.67 |
| 9.98 | 247.5° | 1 | 46.63 | 3 | -40.0 | 6.63 | 29.5 | -22.87 |
| 8.81 | 247.5° | 1 | 48.17 | 3 | -40.0 | 8.17 | 29.5 | -21.33 |
| 19.10 | 247.5° | 1 | 55.86 | 3 | -40.0 | 15.86 | 29.5 | -13.64 |
| 9.38 | 270° | 1 | 47.83 | 3 | -40.0 | 7.83 | 29.5 | -21.67 |
| 9.98 | 270° | 1 | 46.63 | 3 | -40.0 | 6.63 | 29.5 | -22.87 |
| 8.81 | 270° | 1 | 48.17 | 3 | -40.0 | 8.17 | 29.5 | -21.33 |
| 19.10 | 270° | 1 | 55.86 | 3 | -40.0 | 15.86 | 29.5 | -13.64 |
| 9.38 | 292.5° | 1 | 47.83 | 3 | -40.0 | 7.83 | 29.5 | -21.67 |
| 9.98 | 292.5° | 1 | 46.63 | 3 | -40.0 | 6.63 | 29.5 | -22.87 |
| 8.81 | 292.5° | 1 | 48.17 | 3 | -40.0 | 8.17 | 29.5 | -21.33 |
| 19.10 | 292.5° | 1 | 55.86 | 3 | -40.0 | 15.86 | 29.5 | -13.64 |
| 9.38 | 315° | 1 | 47.83 | 3 | -40.0 | 7.83 | 29.5 | -21.67 |
| 9.98 | 315° | 1 | 46.63 | 3 | -40.0 | 6.63 | 29.5 | -22.87 |
| 8.81 | 315° | 1 | 48.17 | 3 | -40.0 | 8.17 | 29.5 | -21.33 |
| 19.10 | 315° | 1 | 55.86 | 3 | -40.0 | 15.86 | 29.5 | -13.64 |
| 9.38 | 337.5° | 1 | 47.83 | 3 | -40.0 | 7.83 | 29.5 | -21.67 |
| 9.98 | 337.5° | 1 | 46.63 | 3 | -40.0 | 6.63 | 29.5 | -22.87 |
| 8.81 | 337.5° | 1 | 48.17 | 3 | -40.0 | 8.17 | 29.5 | -21.33 |
| 19.10 | 337.5° | 1 | 55.86 | 3 | -40.0 | 15.86 | 29.5 | -13.64 |

Date: February 21, 2008
 EUT: CURRENT Bridge URD 6111 (S/N: 13018AD900433074)
 Location: CURRENT Gaithersburg Test Area – A-9204
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

| Frequency (MHz) | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer (dBμV/m) | Measurement Distance (m) | Distance Correction Factor to 30m (dB) | QP Level Corrected to 30m (dBμV/m) | 30m Limit (dBμV/m) | Margin (dB) |
|--------------------|---------------------|--------------------------|--|--------------------------------|--|---|-----------------------|----------------|
| 19.16 | 0° | 1 | 58.39 | 3 | -40.0 | 18.39 | 29.5 | -11.11 |
| 20.70 | 0° | 1 | 55.87 | 3 | -40.0 | 15.87 | 29.5 | -13.63 |
| 19.52 | 0° | 1 | 56.61 | 3 | -40.0 | 16.61 | 29.5 | -12.89 |
| 11.57 | 0° | 1 | 51.34 | 3 | -40.0 | 11.34 | 29.5 | -18.16 |
| 19.15 | 22.5° | 1 | 56.67 | 3 | -40.0 | 16.67 | 29.5 | -12.83 |
| 19.30 | 22.5° | 1 | 55.97 | 3 | -40.0 | 15.97 | 29.5 | -13.53 |
| 18.96 | 22.5° | 1 | 55.99 | 3 | -40.0 | 15.99 | 29.5 | -13.51 |
| 11.77 | 22.5° | 1 | 43.83 | 3 | -40.0 | 3.83 | 29.5 | -25.67 |
| 18.96 | 45° | 1 | 55.37 | 3 | -40.0 | 15.37 | 29.5 | -14.13 |
| 19.15 | 45° | 1 | 55.69 | 3 | -40.0 | 15.69 | 29.5 | -13.81 |
| 13.80 | 45° | 1 | 43.77 | 3 | -40.0 | 3.77 | 29.5 | -25.73 |
| 11.77 | 45° | 1 | 40.03 | 3 | -40.0 | 0.03 | 29.5 | -29.47 |
| 9.63 | 67.5° | 1 | 47.99 | 3 | -40.0 | 7.99 | 29.5 | -21.51 |
| 8.20 | 67.5° | 1 | 48.92 | 3 | -40.0 | 8.92 | 29.5 | -20.58 |
| 19.15 | 67.5° | 1 | 55.31 | 3 | -40.0 | 15.31 | 29.5 | -14.19 |
| 13.63 | 67.5° | 1 | 47.85 | 3 | -40.0 | 7.85 | 29.5 | -21.65 |
| 8.41 | 90° | 1 | 44.19 | 3 | -40.0 | 4.19 | 29.5 | -25.31 |
| 9.80 | 90° | 1 | 49.48 | 3 | -40.0 | 9.48 | 29.5 | -20.02 |
| 19.33 | 90° | 1 | 54.58 | 3 | -40.0 | 14.58 | 29.5 | -14.92 |
| 19.52 | 90° | 1 | 53.52 | 3 | -40.0 | 13.52 | 29.5 | -15.98 |
| 4.70 | 112.5° | 1 | 47.02 | 3 | -40.0 | 7.02 | 29.5 | -22.48 |
| 6.63 | 112.5° | 1 | 46.67 | 3 | -40.0 | 6.67 | 29.5 | -22.83 |
| 13.68 | 112.5° | 1 | 46.78 | 3 | -40.0 | 6.78 | 29.5 | -22.72 |
| 19.33 | 112.5° | 1 | 52.74 | 3 | -40.0 | 12.74 | 29.5 | -16.76 |
| 6.25 | 135° | 1 | 46.78 | 3 | -40.0 | 6.78 | 29.5 | -22.72 |
| 6.63 | 135° | 1 | 46.67 | 3 | -40.0 | 6.67 | 29.5 | -22.83 |
| 13.67 | 135° | 1 | 47.49 | 3 | -40.0 | 7.49 | 29.5 | -22.01 |
| 17.01 | 135° | 1 | 47.56 | 3 | -40.0 | 7.56 | 29.5 | -21.94 |
| 6.23 | 157.5° | 1 | 47.01 | 3 | -40.0 | 7.01 | 29.5 | -22.49 |
| 4.90 | 157.5° | 1 | 45.13 | 3 | -40.0 | 5.13 | 29.5 | -24.37 |
| 13.68 | 157.5° | 1 | 47.56 | 3 | -40.0 | 7.56 | 29.5 | -21.94 |
| 16.98 | 157.5° | 1 | 47.60 | 3 | -40.0 | 7.60 | 29.5 | -21.90 |
| 4.70 | 180° | 1 | 50.30 | 3 | -40.0 | 10.30 | 29.5 | -19.20 |
| 11.77 | 180° | 1 | 44.54 | 3 | -40.0 | 4.54 | 29.5 | -24.96 |
| 18.96 | 180° | 1 | 51.90 | 3 | -40.0 | 11.90 | 29.5 | -17.60 |
| 18.56 | 180° | 1 | 46.95 | 3 | -40.0 | 6.95 | 29.5 | -22.55 |
| 9.36 | 202.5° | 1 | 51.09 | 3 | -40.0 | 11.09 | 29.5 | -18.41 |
| 11.71 | 202.5° | 1 | 54.28 | 3 | -40.0 | 14.28 | 29.5 | -15.22 |
| 18.89 | 202.5° | 1 | 49.95 | 3 | -40.0 | 9.95 | 29.5 | -19.55 |
| 19.16 | 202.5° | 1 | 51.08 | 3 | -40.0 | 11.08 | 29.5 | -18.42 |
| 4.68 | 225° | 1 | 55.34 | 3 | -40.0 | 15.34 | 29.5 | -14.16 |
| 4.88 | 225° | 1 | 53.09 | 3 | -40.0 | 13.09 | 29.5 | -16.41 |
| 11.72 | 225° | 1 | 54.76 | 3 | -40.0 | 14.76 | 29.5 | -14.74 |
| 18.96 | 225° | 1 | 48.65 | 3 | -40.0 | 8.65 | 29.5 | -20.85 |

| Frequency | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer | Measurement Distance | Distance Correction Factor to 30m | QP Level Corrected to 30m (dBμV/m) | 30m Limit (dBμV/m) | Margin (dB) |
|-----------|------------------|--------------------|-------------------------------|----------------------|-----------------------------------|------------------------------------|--------------------|-------------|
| 4.70 | 247.5° | 1 | 54.01 | 3 | -40.0 | 14.01 | 29.5 | -15.49 |
| 11.73 | 247.5° | 1 | 54.84 | 3 | -40.0 | 14.84 | 29.5 | -14.66 |
| 11.92 | 247.5° | 1 | 53.03 | 3 | -40.0 | 13.03 | 29.5 | -16.47 |
| 18.96 | 247.5° | 1 | 48.10 | 3 | -40.0 | 8.10 | 29.5 | -21.40 |
| 11.71 | 270° | 1 | 55.32 | 3 | -40.0 | 15.32 | 29.5 | -14.18 |
| 11.90 | 270° | 1 | 53.48 | 3 | -40.0 | 13.48 | 29.5 | -16.02 |
| 19.16 | 270° | 1 | 45.78 | 3 | -40.0 | 5.78 | 29.5 | -23.72 |
| 18.75 | 270° | 1 | 39.23 | 3 | -40.0 | -0.77 | 29.5 | -30.27 |
| 8.02 | 292.5° | 1 | 53.94 | 3 | -40.0 | 13.94 | 29.5 | -15.56 |
| 8.38 | 292.5° | 1 | 50.45 | 3 | -40.0 | 10.45 | 29.5 | -19.05 |
| 11.72 | 292.5° | 1 | 56.47 | 3 | -40.0 | 16.47 | 29.5 | -13.03 |
| 18.96 | 292.5° | 1 | 43.36 | 3 | -40.0 | 3.36 | 29.5 | -26.14 |
| 11.72 | 315° | 1 | 53.75 | 3 | -40.0 | 13.75 | 29.5 | -15.75 |
| 11.92 | 315° | 1 | 51.40 | 3 | -40.0 | 11.40 | 29.5 | -18.10 |
| 19.15 | 315° | 1 | 50.47 | 3 | -40.0 | 10.47 | 29.5 | -19.03 |
| 18.76 | 315° | 1 | 43.39 | 3 | -40.0 | 3.39 | 29.5 | -26.11 |
| 4.70 | 337.5° | 1 | 58.54 | 3 | -40.0 | 18.54 | 29.5 | -10.96 |
| 9.38 | 337.5° | 1 | 50.44 | 3 | -40.0 | 10.44 | 29.5 | -19.06 |
| 17.20 | 337.5° | 1 | 54.80 | 3 | -40.0 | 14.80 | 29.5 | -14.70 |
| 20.70 | 337.5° | 1 | 52.06 | 3 | -40.0 | 12.06 | 29.5 | -17.44 |

Date: February 22, 2008
 EUT: CURRENT Bridge URD 6111 (S/N: 13018AD900433074)
 Location: CURRENT Gaithersburg Test Area – A-7042
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

| Frequency (MHz) | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer (dBμV/m) | Measurement Distance (m) | Distance Correction Factor to 30m (dB) | QP Level Corrected to 30m (dBμV/m) | 30m Limit (dBμV/m) | Margin (dB) |
|--------------------|---------------------|--------------------------|--|--------------------------------|--|---|-----------------------|----------------|
| 9.39 | 0° | 1 | 58.55 | 3 | -40.0 | 18.55 | 29.5 | -10.95 |
| 4.90 | 0° | 1 | 53.02 | 3 | -40.0 | 13.02 | 29.5 | -16.48 |
| 11.57 | 0° | 1 | 50.26 | 3 | -40.0 | 10.26 | 29.5 | -19.24 |
| 17.60 | 0° | 1 | 44.14 | 3 | -40.0 | 4.14 | 29.5 | -25.36 |
| 5.08 | 22.5° | 1 | 48.78 | 3 | -40.0 | 8.78 | 29.5 | -20.72 |
| 5.71 | 22.5° | 1 | 47.34 | 3 | -40.0 | 7.34 | 29.5 | -22.16 |
| 11.57 | 22.5° | 1 | 48.69 | 3 | -40.0 | 8.69 | 29.5 | -20.81 |
| 12.68 | 22.5° | 1 | 51.97 | 3 | -40.0 | 11.97 | 29.5 | -17.53 |
| 5.60 | 45° | 1 | 44.94 | 3 | -40.0 | 4.94 | 29.5 | -24.56 |
| 4.88 | 45° | 1 | 46.97 | 3 | -40.0 | 6.97 | 29.5 | -22.53 |
| 11.57 | 45° | 1 | 50.05 | 3 | -40.0 | 10.05 | 29.5 | -19.45 |
| 12.68 | 45° | 1 | 54.01 | 3 | -40.0 | 14.01 | 29.5 | -15.49 |
| 11.58 | 67.5° | 1 | 49.35 | 3 | -40.0 | 9.35 | 29.5 | -20.15 |
| 13.08 | 67.5° | 1 | 53.21 | 3 | -40.0 | 13.21 | 29.5 | -16.29 |
| 12.48 | 67.5° | 1 | 53.35 | 3 | -40.0 | 13.35 | 29.5 | -16.15 |
| 12.68 | 67.5° | 1 | 53.91 | 3 | -40.0 | 13.91 | 29.5 | -15.59 |
| 11.53 | 90° | 1 | 49.37 | 3 | -40.0 | 9.37 | 29.5 | -20.13 |
| 12.16 | 90° | 1 | 51.04 | 3 | -40.0 | 11.04 | 29.5 | -18.46 |
| 13.85 | 90° | 1 | 53.04 | 3 | -40.0 | 13.04 | 29.5 | -16.46 |
| 13.53 | 90° | 1 | 55.25 | 3 | -40.0 | 15.25 | 29.5 | -14.25 |
| 13.80 | 112.5° | 1 | 51.81 | 3 | -40.0 | 11.81 | 29.5 | -17.69 |
| 13.45 | 112.5° | 1 | 54.22 | 3 | -40.0 | 14.22 | 29.5 | -15.28 |
| 13.10 | 112.5° | 1 | 52.47 | 3 | -40.0 | 12.47 | 29.5 | -17.03 |
| 17.60 | 112.5° | 1 | 47.32 | 3 | -40.0 | 7.32 | 29.5 | -22.18 |
| 4.88 | 135° | 1 | 48.25 | 3 | -40.0 | 8.25 | 29.5 | -21.25 |
| 6.06 | 135° | 1 | 45.44 | 3 | -40.0 | 5.44 | 29.5 | -24.06 |
| 11.53 | 135° | 1 | 42.57 | 3 | -40.0 | 2.57 | 29.5 | -26.93 |
| 13.85 | 135° | 1 | 49.32 | 3 | -40.0 | 9.32 | 29.5 | -20.18 |
| 4.88 | 157.5° | 1 | 50.30 | 3 | -40.0 | 10.30 | 29.5 | -19.20 |
| 6.07 | 157.5° | 1 | 46.15 | 3 | -40.0 | 6.15 | 29.5 | -23.35 |
| 6.43 | 157.5° | 1 | 45.78 | 3 | -40.0 | 5.78 | 29.5 | -23.72 |
| 7.62 | 157.5° | 1 | 49.85 | 3 | -40.0 | 9.85 | 29.5 | -19.65 |
| 7.63 | 180° | 1 | 49.75 | 3 | -40.0 | 9.75 | 29.5 | -19.75 |
| 4.88 | 180° | 1 | 50.84 | 3 | -40.0 | 10.84 | 29.5 | -18.66 |
| 5.06 | 180° | 1 | 48.19 | 3 | -40.0 | 8.19 | 29.5 | -21.31 |
| 17.20 | 180° | 1 | 42.69 | 3 | -40.0 | 2.69 | 29.5 | -26.81 |
| 9.38 | 202.5° | 1 | 57.11 | 3 | -40.0 | 17.11 | 29.5 | -12.39 |
| 7.62 | 202.5° | 1 | 50.11 | 3 | -40.0 | 10.11 | 29.5 | -19.39 |
| 4.88 | 202.5° | 1 | 49.52 | 3 | -40.0 | 9.52 | 29.5 | -19.98 |
| 12.16 | 202.5° | 1 | 48.27 | 3 | -40.0 | 8.27 | 29.5 | -21.23 |
| 7.63 | 225° | 1 | 50.68 | 3 | -40.0 | 10.68 | 29.5 | -18.82 |
| 8.25 | 225° | 1 | 45.81 | 3 | -40.0 | 5.81 | 29.5 | -23.69 |
| 11.53 | 225° | 1 | 49.74 | 3 | -40.0 | 9.74 | 29.5 | -19.76 |
| 17.52 | 225° | 1 | 43.46 | 3 | -40.0 | 3.46 | 29.5 | -26.04 |

| Frequency | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer | Measurement Distance | Distance Correction Factor to 30m | QP Level Corrected to 30m (dBμV/m) | 30m Limit (dBμV/m) | Margin (dB) |
|-----------|------------------|--------------------|-------------------------------|----------------------|-----------------------------------|------------------------------------|--------------------|-------------|
| 4.90 | 247.5° | 1 | 52.21 | 3 | -40.0 | 12.21 | 29.5 | -17.29 |
| 12.16 | 247.5° | 1 | 55.26 | 3 | -40.0 | 15.26 | 29.5 | -14.24 |
| 12.50 | 247.5° | 1 | 55.89 | 3 | -40.0 | 15.89 | 29.5 | -13.61 |
| 20.12 | 247.5° | 1 | 49.17 | 3 | -40.0 | 9.17 | 29.5 | -20.33 |
| 4.87 | 270° | 1 | 56.37 | 3 | -40.0 | 16.37 | 29.5 | -13.13 |
| 5.10 | 270° | 1 | 53.11 | 3 | -40.0 | 13.11 | 29.5 | -16.39 |
| 12.16 | 270° | 1 | 54.11 | 3 | -40.0 | 14.11 | 29.5 | -15.39 |
| 20.30 | 270° | 1 | 48.98 | 3 | -40.0 | 8.98 | 29.5 | -20.52 |
| 5.66 | 292.5° | 1 | 52.95 | 3 | -40.0 | 12.95 | 29.5 | -16.55 |
| 4.86 | 292.5° | 1 | 53.55 | 3 | -40.0 | 13.55 | 29.5 | -15.95 |
| 11.53 | 292.5° | 1 | 49.71 | 3 | -40.0 | 9.71 | 29.5 | -19.79 |
| 19.93 | 292.5° | 1 | 49.89 | 3 | -40.0 | 9.89 | 29.5 | -19.61 |
| 4.90 | 315° | 1 | 53.98 | 3 | -40.0 | 13.98 | 29.5 | -15.52 |
| 4.70 | 315° | 1 | 52.63 | 3 | -40.0 | 12.63 | 29.5 | -16.87 |
| 11.53 | 315° | 1 | 46.30 | 3 | -40.0 | 6.30 | 29.5 | -23.20 |
| 20.70 | 315° | 1 | 52.33 | 3 | -40.0 | 12.33 | 29.5 | -17.17 |
| 7.40 | 337.5° | 1 | 50.27 | 3 | -40.0 | 10.27 | 29.5 | -19.23 |
| 4.88 | 337.5° | 1 | 52.37 | 3 | -40.0 | 12.37 | 29.5 | -17.13 |
| 17.60 | 337.5° | 1 | 44.11 | 3 | -40.0 | 4.11 | 29.5 | -25.39 |
| 16.90 | 337.5° | 1 | 43.03 | 3 | -40.0 | 3.03 | 29.5 | -26.47 |

A.2.3 30 MHz to 50 MHz

Date: February 29, 2008

EUT: CURRENT Gateway-Bridge URD 6121 (S/N: 13028AD900433089)

Location: CURRENT Potomac Test Area – C-7053

Mode: MV Active (transmitting MV-signal, 31.4 MHz to 47.9 MHz)

| Frequency (MHz) | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer (dBμV/m) | Measurement Distance (m) | Distance Correction Factor to 30m (dB) | QP Level Corrected to 10m (dBμV/m) | 10m Limit (dBμV/m) | Margin (dB) |
|--------------------|---------------------|--------------------------|--|--------------------------------|--|---|-----------------------|----------------|
| 42.93 | 0° | 1 | 35.48 | 3 | -10.5 | 25.02 | 39.08 | -14.06 |
| 42.75 | 0° | 1 | 35.99 | 3 | -10.5 | 25.53 | 39.08 | -13.55 |
| 44.03 | 0° | 1 | 35.92 | 3 | -10.5 | 25.46 | 39.08 | -13.62 |
| 45.85 | 0° | 1 | 36.85 | 3 | -10.5 | 26.39 | 39.08 | -12.69 |
| 42.48 | 22.5° | 1 | 34.78 | 3 | -10.5 | 24.32 | 39.08 | -14.76 |
| 46.00 | 22.5° | 1 | 37.15 | 3 | -10.5 | 26.69 | 39.08 | -12.39 |
| 47.78 | 22.5° | 1 | 33.93 | 3 | -10.5 | 23.47 | 39.08 | -15.61 |
| 41.68 | 22.5° | 1 | 35.50 | 3 | -10.5 | 25.04 | 39.08 | -14.04 |
| 43.27 | 45° | 1 | 25.57 | 3 | -10.5 | 15.11 | 39.08 | -23.97 |
| 41.70 | 45° | 1 | 37.95 | 3 | -10.5 | 27.49 | 39.08 | -11.59 |
| 42.95 | 45° | 1 | 35.04 | 3 | -10.5 | 24.58 | 39.08 | -14.50 |
| 41.20 | 45° | 1 | 33.09 | 3 | -10.5 | 22.63 | 39.08 | -16.45 |
| 46.05 | 67.5° | 1 | 35.55 | 3 | -10.5 | 25.09 | 39.08 | -13.99 |
| 43.47 | 67.5° | 1 | 33.61 | 3 | -10.5 | 23.15 | 39.08 | -15.93 |
| 45.80 | 67.5° | 1 | 35.78 | 3 | -10.5 | 25.32 | 39.08 | -13.76 |
| 45.45 | 67.5° | 1 | 35.02 | 3 | -10.5 | 24.56 | 39.08 | -14.52 |
| 40.95 | 90° | 1 | 36.07 | 3 | -10.5 | 25.61 | 39.08 | -13.47 |
| 41.75 | 90° | 1 | 35.51 | 3 | -10.5 | 25.05 | 39.08 | -14.03 |
| 45.77 | 90° | 1 | 34.12 | 3 | -10.5 | 23.66 | 39.08 | -15.42 |
| 45.62 | 90° | 1 | 35.32 | 3 | -10.5 | 24.86 | 39.08 | -14.22 |
| 41.70 | 112.5° | 1 | 35.42 | 3 | -10.5 | 24.96 | 39.08 | -14.12 |
| 43.67 | 112.5° | 1 | 34.82 | 3 | -10.5 | 24.36 | 39.08 | -14.72 |
| 46.20 | 112.5° | 1 | 35.45 | 3 | -10.5 | 24.99 | 39.08 | -14.09 |
| 43.20 | 112.5° | 1 | 35.52 | 3 | -10.5 | 25.06 | 39.08 | -14.02 |
| 44.05 | 135° | 1 | 33.56 | 3 | -10.5 | 23.10 | 39.08 | -15.98 |
| 42.30 | 135° | 1 | 34.37 | 3 | -10.5 | 23.91 | 39.08 | -15.17 |
| 43.10 | 135° | 1 | 35.11 | 3 | -10.5 | 24.65 | 39.08 | -14.43 |
| 45.97 | 135° | 1 | 34.38 | 3 | -10.5 | 23.92 | 39.08 | -15.16 |
| 45.62 | 157.5° | 1 | 34.70 | 3 | -10.5 | 24.24 | 39.08 | -14.84 |
| 46.03 | 157.5° | 1 | 34.56 | 3 | -10.5 | 24.10 | 39.08 | -14.98 |
| 43.87 | 157.5° | 1 | 34.44 | 3 | -10.5 | 23.98 | 39.08 | -15.10 |
| 41.50 | 157.5° | 1 | 34.85 | 3 | -10.5 | 24.39 | 39.08 | -14.69 |
| 41.30 | 180° | 1 | 36.53 | 3 | -10.5 | 26.07 | 39.08 | -13.01 |
| 41.70 | 180° | 1 | 36.54 | 3 | -10.5 | 26.08 | 39.08 | -13.00 |
| 45.65 | 180° | 1 | 36.48 | 3 | -10.5 | 26.02 | 39.08 | -13.06 |
| 43.47 | 180° | 1 | 35.87 | 3 | -10.5 | 25.41 | 39.08 | -13.67 |

| Frequency | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer | Measurement Distance | Distance Correction Factor to 30m | QP Level Corrected to 10m (dBμV/m) | 10m Limit (dBμV/m) | Margin (dB) |
|-----------|------------------|--------------------|-------------------------------|----------------------|-----------------------------------|------------------------------------|--------------------|-------------|
| 41.72 | 202.5° | 1 | 37.69 | 3 | -10.5 | 27.23 | 39.08 | -11.85 |
| 46.15 | 202.5° | 1 | 37.20 | 3 | -10.5 | 26.74 | 39.08 | -12.34 |
| 44.65 | 202.5° | 1 | 36.79 | 3 | -10.5 | 26.33 | 39.08 | -12.75 |
| 44.27 | 202.5° | 1 | 37.67 | 3 | -10.5 | 27.21 | 39.08 | -11.87 |
| 46.50 | 225° | 1 | 36.90 | 3 | -10.5 | 26.44 | 39.08 | -12.64 |
| 45.62 | 225° | 1 | 38.92 | 3 | -10.5 | 28.46 | 39.08 | -10.62 |
| 41.72 | 225° | 1 | 38.58 | 3 | -10.5 | 28.12 | 39.08 | -10.96 |
| 40.95 | 225° | 1 | 38.31 | 3 | -10.5 | 27.85 | 39.08 | -11.23 |
| 40.35 | 247.5° | 1 | 36.16 | 3 | -10.5 | 25.70 | 39.08 | -13.38 |
| 41.15 | 247.5° | 1 | 37.65 | 3 | -10.5 | 27.19 | 39.08 | -11.89 |
| 43.95 | 247.5° | 1 | 36.01 | 3 | -10.5 | 25.55 | 39.08 | -13.53 |
| 43.07 | 247.5° | 1 | 37.34 | 3 | -10.5 | 26.88 | 39.08 | -12.20 |
| 42.70 | 270° | 1 | 36.38 | 3 | -10.5 | 25.92 | 39.08 | -13.16 |
| 40.97 | 270° | 1 | 37.40 | 3 | -10.5 | 26.94 | 39.08 | -12.14 |
| 46.20 | 270° | 1 | 34.53 | 3 | -10.5 | 24.07 | 39.08 | -15.01 |
| 43.25 | 270° | 1 | 35.55 | 3 | -10.5 | 25.09 | 39.08 | -13.99 |
| 41.47 | 292.5° | 1 | 37.19 | 3 | -10.5 | 26.73 | 39.08 | -12.35 |
| 41.32 | 292.5° | 1 | 37.16 | 3 | -10.5 | 26.70 | 39.08 | -12.38 |
| 40.95 | 292.5° | 1 | 37.41 | 3 | -10.5 | 26.95 | 39.08 | -12.13 |
| 40.77 | 292.5° | 1 | 37.11 | 3 | -10.5 | 26.65 | 39.08 | -12.43 |
| 41.65 | 315° | 1 | 36.86 | 3 | -10.5 | 26.40 | 39.08 | -12.68 |
| 45.62 | 315° | 1 | 34.58 | 3 | -10.5 | 24.12 | 39.08 | -14.96 |
| 40.25 | 315° | 1 | 35.57 | 3 | -10.5 | 25.11 | 39.08 | -13.97 |
| 41.12 | 315° | 1 | 36.94 | 3 | -10.5 | 26.48 | 39.08 | -12.60 |
| 39.85 | 337.5° | 1 | 35.50 | 3 | -10.5 | 25.04 | 39.08 | -14.04 |
| 41.72 | 337.5° | 1 | 36.06 | 3 | -10.5 | 25.60 | 39.08 | -13.48 |
| 40.73 | 337.5° | 1 | 36.22 | 3 | -10.5 | 25.76 | 39.08 | -13.32 |
| 43.85 | 337.5° | 1 | 34.08 | 3 | -10.5 | 23.62 | 39.08 | -15.46 |

Date: February 27, 2008
 EUT: CURRENT Gateway-Bridge URD 6121 (S/N: 13028AD900433089)
 Location: CURRENT Gaithersburg Test Area – A-9204
 Mode: MV Active (transmitting MV-signal, 31.4 MHz to 47.9 MHz)

| Frequency (MHz) | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer (dBμV/m) | Measurement Distance (m) | Distance Correction Factor to 30m (dB) | QP Level Corrected to 10m (dBμV/m) | 10m Limit (dBμV/m) | Margin (dB) |
|--------------------|---------------------|--------------------------|--|--------------------------------|--|---|-----------------------|----------------|
| 33.56 | 0° | 1 | 25.91 | 3 | -10.5 | 15.45 | 39.08 | -23.63 |
| 32.93 | 0° | 1 | 24.63 | 3 | -10.5 | 14.17 | 39.08 | -24.91 |
| 33.33 | 0° | 1 | 24.76 | 3 | -10.5 | 14.30 | 39.08 | -24.78 |
| 35.21 | 0° | 1 | 29.75 | 3 | -10.5 | 19.29 | 39.08 | -19.79 |
| 33.30 | 22.5° | 1 | 23.52 | 3 | -10.5 | 13.06 | 39.08 | -26.02 |
| 33.68 | 22.5° | 1 | 25.79 | 3 | -10.5 | 15.33 | 39.08 | -23.75 |
| 31.97 | 22.5° | 1 | 22.69 | 3 | -10.5 | 12.23 | 39.08 | -26.85 |
| 35.72 | 22.5° | 1 | 21.34 | 3 | -10.5 | 10.88 | 39.08 | -28.20 |
| 32.90 | 45° | 1 | 21.27 | 3 | -10.5 | 10.81 | 39.08 | -28.27 |
| 33.20 | 45° | 1 | 21.21 | 3 | -10.5 | 10.75 | 39.08 | -28.33 |
| 33.95 | 45° | 1 | 25.01 | 3 | -10.5 | 14.55 | 39.08 | -24.53 |
| 37.05 | 45° | 1 | 18.06 | 3 | -10.5 | 7.60 | 39.08 | -31.48 |
| 31.80 | 67.5° | 1 | 22.11 | 3 | -10.5 | 11.65 | 39.08 | -27.43 |
| 32.00 | 67.5° | 1 | 22.40 | 3 | -10.5 | 11.94 | 39.08 | -27.14 |
| 32.90 | 67.5° | 1 | 19.02 | 3 | -10.5 | 8.56 | 39.08 | -30.52 |
| 31.50 | 67.5° | 1 | 19.44 | 3 | -10.5 | 8.98 | 39.08 | -30.10 |
| 32.76 | 90° | 1 | 21.31 | 3 | -10.5 | 10.85 | 39.08 | -28.23 |
| 33.55 | 90° | 1 | 25.45 | 3 | -10.5 | 14.99 | 39.08 | -24.09 |
| 42.65 | 90° | 1 | 28.52 | 3 | -10.5 | 18.06 | 39.08 | -21.02 |
| 31.80 | 90° | 1 | 21.77 | 3 | -10.5 | 11.31 | 39.08 | -27.77 |
| 41.90 | 112.5° | 1 | 19.68 | 3 | -10.5 | 9.22 | 39.08 | -29.86 |
| 45.40 | 112.5° | 1 | 22.66 | 3 | -10.5 | 12.20 | 39.08 | -26.88 |
| 31.90 | 112.5° | 1 | 24.62 | 3 | -10.5 | 14.16 | 39.08 | -24.92 |
| 33.12 | 112.5° | 1 | 30.35 | 3 | -10.5 | 19.89 | 39.08 | -19.19 |
| 33.90 | 135° | 1 | 29.39 | 3 | -10.5 | 18.93 | 39.08 | -20.15 |
| 32.50 | 135° | 1 | 19.04 | 3 | -10.5 | 8.58 | 39.08 | -30.50 |
| 33.20 | 135° | 1 | 23.04 | 3 | -10.5 | 12.58 | 39.08 | -26.50 |
| 39.35 | 135° | 1 | 25.96 | 3 | -10.5 | 15.50 | 39.08 | -23.58 |
| 32.00 | 157.5° | 1 | 22.95 | 3 | -10.5 | 12.49 | 39.08 | -26.59 |
| 46.50 | 157.5° | 1 | 26.95 | 3 | -10.5 | 16.49 | 39.08 | -22.59 |
| 43.30 | 157.5° | 1 | 23.41 | 3 | -10.5 | 12.95 | 39.08 | -26.13 |
| 39.20 | 157.5° | 1 | 23.37 | 3 | -10.5 | 12.91 | 39.08 | -26.17 |
| 39.00 | 180° | 1 | 27.05 | 3 | -10.5 | 16.59 | 39.08 | -22.49 |
| 33.05 | 180° | 1 | 25.97 | 3 | -10.5 | 15.51 | 39.08 | -23.57 |
| 32.15 | 180° | 1 | 23.38 | 3 | -10.5 | 12.92 | 39.08 | -26.16 |
| 46.59 | 180° | 1 | 24.64 | 3 | -10.5 | 14.18 | 39.08 | -24.90 |
| 31.65 | 202.5° | 1 | 28.70 | 3 | -10.5 | 18.24 | 39.08 | -20.84 |

| Frequency | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer | Measurement Distance | Distance Correction Factor to 30m | QP Level Corrected to 10m (dBμV/m) | 10m Limit (dBμV/m) | Margin (dB) |
|-----------|------------------|--------------------|-------------------------------|----------------------|-----------------------------------|------------------------------------|--------------------|-------------|
| 31.95 | 202.5° | 1 | 22.22 | 3 | -10.5 | 11.76 | 39.08 | -27.32 |
| 39.37 | 202.5° | 1 | 28.70 | 3 | -10.5 | 18.24 | 39.08 | -20.84 |
| 41.75 | 202.5° | 1 | 16.21 | 3 | -10.5 | 5.75 | 39.08 | -33.33 |
| 46.00 | 225° | 1 | 25.52 | 3 | -10.5 | 15.06 | 39.08 | -24.02 |
| 44.84 | 225° | 1 | 18.66 | 3 | -10.5 | 8.20 | 39.08 | -30.88 |
| 32.50 | 225° | 1 | 21.82 | 3 | -10.5 | 11.36 | 39.08 | -27.72 |
| 32.95 | 225° | 1 | 26.43 | 3 | -10.5 | 15.97 | 39.08 | -23.11 |
| 40.25 | 247.5° | 1 | 22.24 | 3 | -10.5 | 11.78 | 39.08 | -27.30 |
| 39.55 | 247.5° | 1 | 27.67 | 3 | -10.5 | 17.21 | 39.08 | -21.87 |
| 35.25 | 247.5° | 1 | 24.90 | 3 | -10.5 | 14.44 | 39.08 | -24.64 |
| 31.90 | 247.5° | 1 | 27.31 | 3 | -10.5 | 16.85 | 39.08 | -22.23 |
| 33.50 | 270° | 1 | 24.83 | 3 | -10.5 | 14.37 | 39.08 | -24.71 |
| 32.60 | 270° | 1 | 26.77 | 3 | -10.5 | 16.31 | 39.08 | -22.77 |
| 33.25 | 270° | 1 | 25.45 | 3 | -10.5 | 14.99 | 39.08 | -24.09 |
| 34.65 | 270° | 1 | 29.17 | 3 | -10.5 | 18.71 | 39.08 | -20.37 |
| 31.55 | 292.5° | 1 | 32.24 | 3 | -10.5 | 21.78 | 39.08 | -17.30 |
| 31.75 | 292.5° | 1 | 29.47 | 3 | -10.5 | 19.01 | 39.08 | -20.07 |
| 45.45 | 292.5° | 1 | 34.44 | 3 | -10.5 | 23.98 | 39.08 | -15.10 |
| 40.25 | 292.5° | 1 | 31.23 | 3 | -10.5 | 20.77 | 39.08 | -18.31 |
| 32.35 | 315° | 1 | 27.45 | 3 | -10.5 | 16.99 | 39.08 | -22.09 |
| 32.75 | 315° | 1 | 27.32 | 3 | -10.5 | 16.86 | 39.08 | -22.22 |
| 31.60 | 315° | 1 | 26.27 | 3 | -10.5 | 15.81 | 39.08 | -23.27 |
| 45.70 | 315° | 1 | 30.67 | 3 | -10.5 | 20.21 | 39.08 | -18.87 |
| 33.10 | 337.5° | 1 | 29.25 | 3 | -10.5 | 18.79 | 39.08 | -20.29 |
| 32.75 | 337.5° | 1 | 33.65 | 3 | -10.5 | 23.19 | 39.08 | -15.89 |
| 32.05 | 337.5° | 1 | 29.16 | 3 | -10.5 | 18.70 | 39.08 | -20.38 |
| 35.20 | 337.5° | 1 | 30.16 | 3 | -10.5 | 19.70 | 39.08 | -19.38 |

Date: February 28, 2008
 EUT: CURRENT Gateway-Bridge URD 6121 (S/N: 13028AD900433089)
 Location: CURRENT Gaithersburg Test Area – A-7042
 Mode: MV Active (transmitting MV-signal, 31.4 MHz to 47.9 MHz)

| Frequency (MHz) | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer (dBμV/m) | Measurement Distance (m) | Distance Correction Factor to 30m (dB) | QP Level Corrected to 10m (dBμV/m) | 10m Limit (dBμV/m) | Margin (dB) |
|--------------------|---------------------|--------------------------|--|--------------------------------|--|---|-----------------------|----------------|
| 41.60 | 0° | 1 | 32.07 | 3 | -10.5 | 21.61 | 39.08 | -17.47 |
| 40.95 | 0° | 1 | 30.98 | 3 | -10.5 | 20.52 | 39.08 | -18.56 |
| 39.95 | 0° | 1 | 30.88 | 3 | -10.5 | 20.42 | 39.08 | -18.66 |
| 46.15 | 0° | 1 | 31.64 | 3 | -10.5 | 21.18 | 39.08 | -17.90 |
| 41.15 | 22.5° | 1 | 31.71 | 3 | -10.5 | 21.25 | 39.08 | -17.83 |
| 41.70 | 22.5° | 1 | 31.88 | 3 | -10.5 | 21.42 | 39.08 | -17.66 |
| 40.15 | 22.5° | 1 | 29.08 | 3 | -10.5 | 18.62 | 39.08 | -20.46 |
| 42.70 | 22.5° | 1 | 28.87 | 3 | -10.5 | 18.41 | 39.08 | -20.67 |
| 39.40 | 45° | 1 | 27.45 | 3 | -10.5 | 16.99 | 39.08 | -22.09 |
| 40.15 | 45° | 1 | 29.23 | 3 | -10.5 | 18.77 | 39.08 | -20.31 |
| 41.15 | 45° | 1 | 30.48 | 3 | -10.5 | 20.02 | 39.08 | -19.06 |
| 41.50 | 45° | 1 | 30.55 | 3 | -10.5 | 20.09 | 39.08 | -18.99 |
| 41.95 | 67.5° | 1 | 29.38 | 3 | -10.5 | 18.92 | 39.08 | -20.16 |
| 40.30 | 67.5° | 1 | 28.89 | 3 | -10.5 | 18.43 | 39.08 | -20.65 |
| 42.70 | 67.5° | 1 | 27.85 | 3 | -10.5 | 17.39 | 39.08 | -21.69 |
| 46.15 | 67.5° | 1 | 29.01 | 3 | -10.5 | 18.55 | 39.08 | -20.53 |
| 41.55 | 90° | 1 | 26.65 | 3 | -10.5 | 16.19 | 39.08 | -22.89 |
| 47.35 | 90° | 1 | 22.91 | 3 | -10.5 | 12.45 | 39.08 | -26.63 |
| 41.90 | 90° | 1 | 26.19 | 3 | -10.5 | 15.73 | 39.08 | -23.35 |
| 42.30 | 90° | 1 | 25.32 | 3 | -10.5 | 14.86 | 39.08 | -24.22 |
| 40.95 | 112.5° | 1 | 23.32 | 3 | -10.5 | 12.86 | 39.08 | -26.22 |
| 32.95 | 112.5° | 1 | 22.13 | 3 | -10.5 | 11.67 | 39.08 | -27.41 |
| 33.70 | 112.5° | 1 | 28.94 | 3 | -10.5 | 18.48 | 39.08 | -20.60 |
| 39.93 | 112.5° | 1 | 30.15 | 3 | -10.5 | 19.69 | 39.08 | -19.39 |
| 33.20 | 135° | 1 | 27.42 | 3 | -10.5 | 16.96 | 39.08 | -22.12 |
| 32.09 | 135° | 1 | 29.30 | 3 | -10.5 | 18.84 | 39.08 | -20.24 |
| 41.70 | 135° | 1 | 29.50 | 3 | -10.5 | 19.04 | 39.08 | -20.04 |
| 41.50 | 135° | 1 | 28.06 | 3 | -10.5 | 17.60 | 39.08 | -21.48 |
| 41.30 | 157.5° | 1 | 27.99 | 3 | -10.5 | 17.53 | 39.08 | -21.55 |
| 41.12 | 157.5° | 1 | 26.59 | 3 | -10.5 | 16.13 | 39.08 | -22.95 |
| 32.75 | 157.5° | 1 | 17.30 | 3 | -10.5 | 6.84 | 39.08 | -32.24 |
| 33.30 | 157.5° | 1 | 19.22 | 3 | -10.5 | 8.76 | 39.08 | -30.32 |
| 40.35 | 180° | 1 | 30.92 | 3 | -10.5 | 20.46 | 39.08 | -18.62 |
| 41.15 | 180° | 1 | 22.66 | 3 | -10.5 | 12.20 | 39.08 | -26.88 |
| 41.50 | 180° | 1 | 22.60 | 3 | -10.5 | 12.14 | 39.08 | -26.94 |
| 41.90 | 180° | 1 | 22.37 | 3 | -10.5 | 11.91 | 39.08 | -27.17 |
| 42.30 | 202.5° | 1 | 25.65 | 3 | -10.5 | 15.19 | 39.08 | -23.89 |

| Frequency | Antenna Location | Antenna Height (m) | QP Level Measured on Analyzer | Measurement Distance | Distance Correction Factor to 30m | QP Level Corrected to 10m (dBμV/m) | 10m Limit (dBμV/m) | Margin (dB) |
|-----------|------------------|--------------------|-------------------------------|----------------------|-----------------------------------|------------------------------------|--------------------|-------------|
| 39.52 | 202.5° | 1 | 31.90 | 3 | -10.5 | 21.44 | 39.08 | -17.64 |
| 39.16 | 202.5° | 1 | 31.98 | 3 | -10.5 | 21.52 | 39.08 | -17.56 |
| 43.66 | 202.5° | 1 | 19.50 | 3 | -10.5 | 9.04 | 39.08 | -30.04 |
| 40.17 | 225° | 1 | 32.45 | 3 | -10.5 | 21.99 | 39.08 | -17.09 |
| 39.72 | 225° | 1 | 33.80 | 3 | -10.5 | 23.34 | 39.08 | -15.74 |
| 33.70 | 225° | 1 | 28.62 | 3 | -10.5 | 18.16 | 39.08 | -20.92 |
| 34.70 | 225° | 1 | 25.43 | 3 | -10.5 | 14.97 | 39.08 | -24.11 |
| 33.30 | 247.5° | 1 | 27.50 | 3 | -10.5 | 17.04 | 39.08 | -22.04 |
| 39.75 | 247.5° | 1 | 33.39 | 3 | -10.5 | 22.93 | 39.08 | -16.15 |
| 39.95 | 247.5° | 1 | 32.92 | 3 | -10.5 | 22.46 | 39.08 | -16.62 |
| 40.17 | 247.5° | 1 | 32.82 | 3 | -10.5 | 22.36 | 39.08 | -16.72 |
| 41.52 | 270° | 1 | 25.51 | 3 | -10.5 | 15.05 | 39.08 | -24.03 |
| 41.11 | 270° | 1 | 25.34 | 3 | -10.5 | 14.88 | 39.08 | -24.20 |
| 39.35 | 270° | 1 | 22.70 | 3 | -10.5 | 12.24 | 39.08 | -26.84 |
| 41.90 | 270° | 1 | 24.66 | 3 | -10.5 | 14.20 | 39.08 | -24.88 |
| 41.56 | 292.5° | 1 | 27.08 | 3 | -10.5 | 16.62 | 39.08 | -22.46 |
| 42.30 | 292.5° | 1 | 25.44 | 3 | -10.5 | 14.98 | 39.08 | -24.10 |
| 41.30 | 292.5° | 1 | 27.01 | 3 | -10.5 | 16.55 | 39.08 | -22.53 |
| 40.70 | 292.5° | 1 | 26.20 | 3 | -10.5 | 15.74 | 39.08 | -23.34 |
| 41.68 | 315° | 1 | 30.20 | 3 | -10.5 | 19.74 | 39.08 | -19.34 |
| 42.32 | 315° | 1 | 28.46 | 3 | -10.5 | 18.00 | 39.08 | -21.08 |
| 41.53 | 315° | 1 | 30.13 | 3 | -10.5 | 19.67 | 39.08 | -19.41 |
| 40.93 | 315° | 1 | 29.21 | 3 | -10.5 | 18.75 | 39.08 | -20.33 |
| 41.70 | 337.5° | 1 | 32.06 | 3 | -10.5 | 21.60 | 39.08 | -17.48 |
| 42.30 | 337.5° | 1 | 30.27 | 3 | -10.5 | 19.81 | 39.08 | -19.27 |
| 41.52 | 337.5° | 1 | 32.02 | 3 | -10.5 | 21.56 | 39.08 | -17.52 |
| 41.12 | 337.5° | 1 | 31.78 | 3 | -10.5 | 21.32 | 39.08 | -17.76 |

A.2.4 50 MHz to 1000 MHz

Date: February 12, 2008
 EUT: CURRENT Bridge URD 6111 (S/N: 13018AD900433074)
 Location: Washington Laboratories Open Area Test Site
 Mode: LV Active (transmitting LV-signal, 4.4 MHz to 20.8 MHz)

Horizontal Polarity:

| Frequency (MHz) | Polarity H/V | Azimuth Degree | Ant. Height (m) | SA Level (QP) (dBμV) | Ant. Corr. (dB/m) | Cable Corr. (dB) | Amplifier Gain (dB) | Corr. Level (dBμV/m) | Corr. Level (μV/m) | Limit (μV/m) | Margin (dB) |
|-----------------|--------------|----------------|-----------------|----------------------|-------------------|------------------|---------------------|----------------------|--------------------|--------------|-------------|
| 74.560 | H | 340.0 | 4.0 | 23.7 | 7.6 | 1.1 | 0.0 | 32.4 | 41.8 | 300.0 | -17.1 |
| 85.460 | H | 0.0 | 4.0 | 16.9 | 7.8 | 1.3 | 0.0 | 25.9 | 19.8 | 300.0 | -23.6 |
| 94.416 | H | 0.0 | 4.0 | 13.5 | 9.2 | 1.3 | 0.0 | 24.0 | 15.9 | 500.0 | -29.9 |
| 97.658 | H | 45.0 | 3.4 | 14.0 | 9.7 | 1.4 | 0.0 | 25.1 | 18.0 | 500.0 | -28.9 |
| 108.770 | H | 0.0 | 4.0 | 16.7 | 11.6 | 1.5 | 0.0 | 29.8 | 30.8 | 500.0 | -24.2 |
| 168.440 | H | 270.0 | 4.0 | 11.3 | 11.6 | 2.0 | 0.0 | 24.8 | 17.4 | 500.0 | -29.1 |
| 192.244 | H | 90.0 | 2.9 | 19.7 | 11.3 | 2.1 | 0.0 | 33.1 | 45.1 | 500.0 | -20.9 |
| 203.504 | H | 0.0 | 2.0 | 18.7 | 11.8 | 2.2 | 0.0 | 32.7 | 43.1 | 500.0 | -21.3 |
| 257.704 | H | 90.0 | 1.8 | 18.2 | 12.1 | 2.4 | 0.0 | 32.7 | 43.2 | 700.0 | -24.2 |
| 288.384 | H | 180.0 | 1.7 | 16.3 | 13.6 | 2.6 | 0.0 | 32.5 | 42.0 | 700.0 | -24.4 |
| 357.924 | H | 90.0 | 1.2 | 17.4 | 14.8 | 2.8 | 0.0 | 35.0 | 56.4 | 700.0 | -21.9 |
| 415.200 | H | 300.0 | 1.0 | 15.6 | 15.9 | 3.0 | 0.0 | 34.5 | 53.0 | 700.0 | -22.4 |
| 425.000 | H | 270.0 | 1.0 | 14.3 | 15.9 | 3.0 | 0.0 | 33.2 | 45.8 | 700.0 | -23.7 |
| 443.830 | H | 15.0 | 1.0 | 18.3 | 16.8 | 3.1 | 0.0 | 38.2 | 81.0 | 700.0 | -18.7 |
| 800.000 | H | 180.0 | 1.6 | 11.4 | 21.6 | 4.4 | 0.0 | 37.4 | 73.9 | 700.0 | -19.5 |
| 800.000 | H | 180.0 | 1.6 | 11.4 | 21.6 | 4.4 | 0.0 | 37.4 | 73.9 | 700.0 | -19.5 |

Vertical Polarity:

| Frequency (MHz) | Polarity H/V | Azimuth Degree | Ant. Height (m) | SA Level (QP) (dBμV) | Ant. Corr. (dB/m) | Cable Corr. (dB) | Amplifier Gain (dB) | Corr. Level (dBμV/m) | Corr. Level (μV/m) | Limit (μV/m) | Margin (dB) |
|-----------------|--------------|----------------|-----------------|----------------------|-------------------|------------------|---------------------|----------------------|--------------------|--------------|-------------|
| 57.220 | V | 90.0 | 1.0 | 17.5 | 7.2 | 0.9 | 0.0 | 25.6 | 19.1 | 300.0 | -23.9 |
| 64.780 | V | 225.0 | 1.0 | 23.1 | 7.1 | 1.0 | 0.0 | 31.2 | 36.3 | 300.0 | -18.3 |
| 85.870 | V | 180.0 | 1.0 | 21.2 | 7.8 | 1.3 | 0.0 | 30.3 | 32.6 | 300.0 | -19.3 |
| 89.660 | V | 270.0 | 1.0 | 18.0 | 8.3 | 1.3 | 0.0 | 27.6 | 23.9 | 500.0 | -26.4 |
| 89.781 | V | 270.0 | 1.0 | 10.6 | 8.3 | 1.3 | 0.0 | 20.2 | 10.2 | 500.0 | -33.8 |
| 98.391 | V | 45.0 | 1.0 | 15.2 | 9.8 | 1.4 | 0.0 | 26.4 | 21.0 | 500.0 | -27.5 |
| 141.210 | V | 0.0 | 1.0 | 9.6 | 12.6 | 1.8 | 0.0 | 24.0 | 15.8 | 500.0 | -30.0 |
| 165.284 | V | 180.0 | 1.0 | 12.3 | 11.7 | 1.9 | 0.0 | 25.9 | 19.8 | 500.0 | -28.0 |
| 199.997 | V | 125.0 | 1.0 | 18.4 | 12.3 | 2.2 | 0.0 | 32.9 | 43.9 | 500.0 | -21.1 |
| 239.990 | V | 90.0 | 1.0 | 15.7 | 11.3 | 2.4 | 0.0 | 29.4 | 29.4 | 700.0 | -27.5 |
| 300.000 | V | 270.0 | 1.0 | 14.8 | 13.3 | 2.6 | 0.0 | 30.7 | 34.3 | 700.0 | -26.2 |
| 357.940 | V | 150.0 | 1.6 | 19.1 | 14.8 | 2.8 | 0.0 | 36.7 | 68.6 | 700.0 | -20.2 |
| 384.532 | V | 15.0 | 2.0 | 14.3 | 15.5 | 2.9 | 0.0 | 32.7 | 43.1 | 700.0 | -24.2 |
| 386.562 | V | 350.0 | 1.8 | 13.9 | 15.6 | 2.9 | 0.0 | 32.4 | 41.5 | 700.0 | -24.5 |
| 400.000 | V | 45.0 | 1.8 | 19.7 | 15.7 | 2.9 | 0.0 | 38.3 | 82.6 | 700.0 | -18.6 |
| 415.216 | V | 180.0 | 1.3 | 19.9 | 15.9 | 3.0 | 0.0 | 38.8 | 87.0 | 700.0 | -18.1 |
| 522.573 | V | 0.0 | 1.0 | 15.7 | 17.6 | 3.3 | 0.0 | 36.6 | 67.7 | 700.0 | -20.3 |
| 525.000 | V | 0.0 | 1.0 | 15.6 | 17.6 | 3.3 | 0.0 | 36.5 | 67.0 | 700.0 | -20.4 |
| 712.241 | V | 190.0 | 1.0 | 14.5 | 20.0 | 4.1 | 0.0 | 38.6 | 85.3 | 700.0 | -18.3 |
| 724.997 | V | 225.0 | 1.0 | 14.3 | 20.4 | 4.1 | 0.0 | 38.8 | 87.3 | 700.0 | -18.1 |
| 750.000 | V | 180.0 | 1.0 | 9.8 | 21.1 | 4.2 | 0.0 | 35.1 | 57.0 | 700.0 | -21.8 |