

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC0

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/L ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 70.111 V/m

Probe Modulation Factor = 0.950

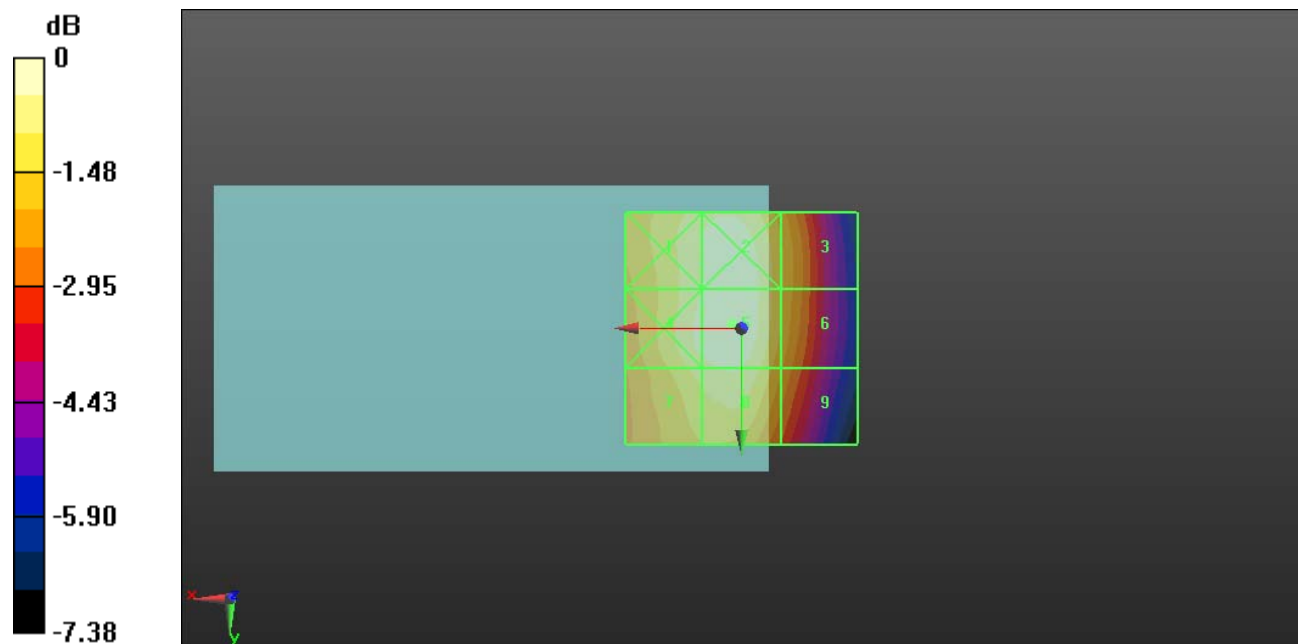
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 101.7 V/m; Power Drift = -0.19 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 66.608 M4	Grid 2 69.658 M4	Grid 3 60.157 M4
Grid 4 67.723 M4	Grid 5 70.111 M4	Grid 6 59.924 M4
Grid 7 64.601 M4	Grid 8 66.823 M4	Grid 9 56.467 M4



0 dB = 70.110V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC0

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/M ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 67.225 V/m

Probe Modulation Factor = 0.950

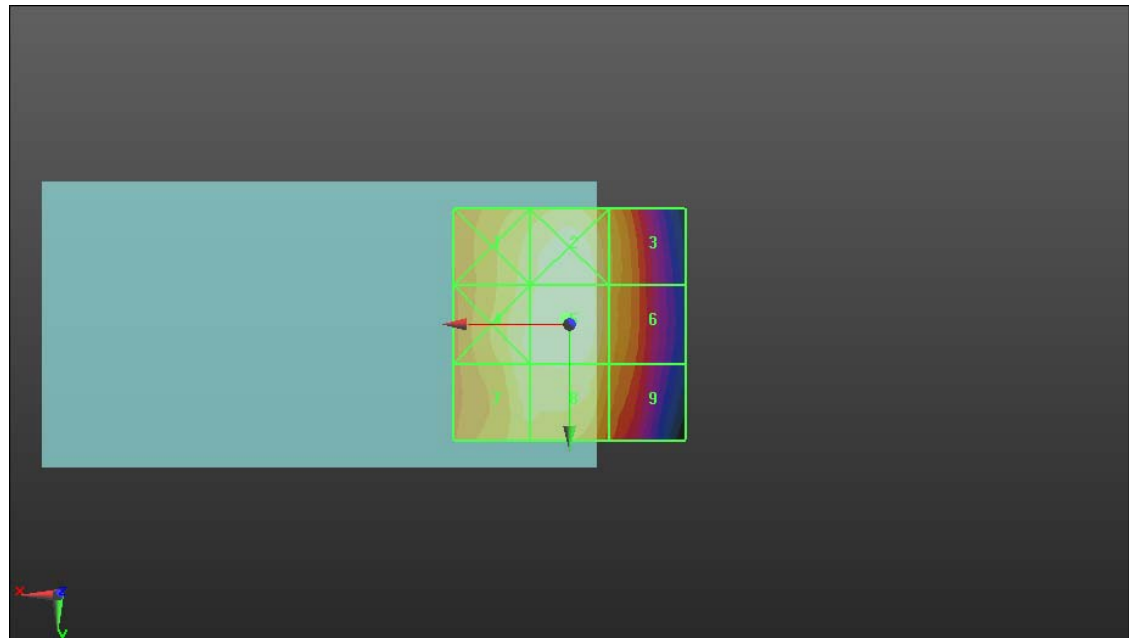
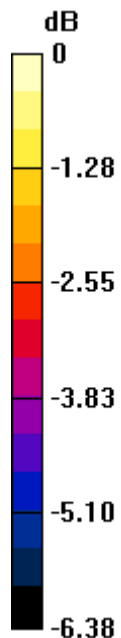
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 98.973 V/m; Power Drift = -0.01 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 63.071 M4	Grid 2 67.147 M4	Grid 3 59.415 M4
Grid 4 64.976 M4	Grid 5 67.225 M4	Grid 6 59.178 M4
Grid 7 63.959 M4	Grid 8 64.485 M4	Grid 9 56.477 M4



0 dB = 67.230V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC0

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/H ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68.058 V/m

Probe Modulation Factor = 0.950

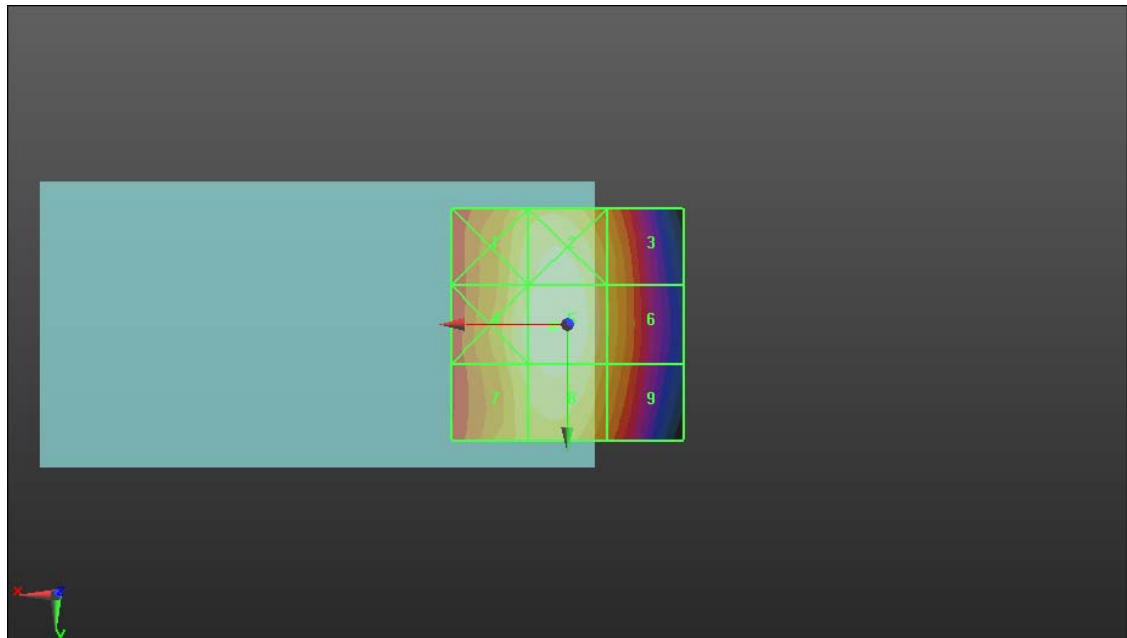
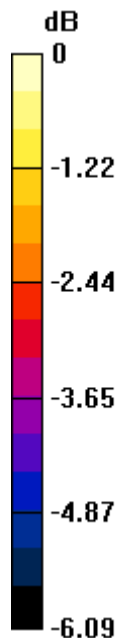
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 94.833 V/m; Power Drift = 0.37 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 64.225 M4	Grid 2 66.708 M4	Grid 3 59.562 M4
Grid 4 65.989 M4	Grid 5 68.058 M4	Grid 6 60.005 M4
Grid 7 63.995 M4	Grid 8 66.056 M4	Grid 9 58.428 M4



0 dB = 68.060V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC1

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/L ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.362 V/m

Probe Modulation Factor = 0.950

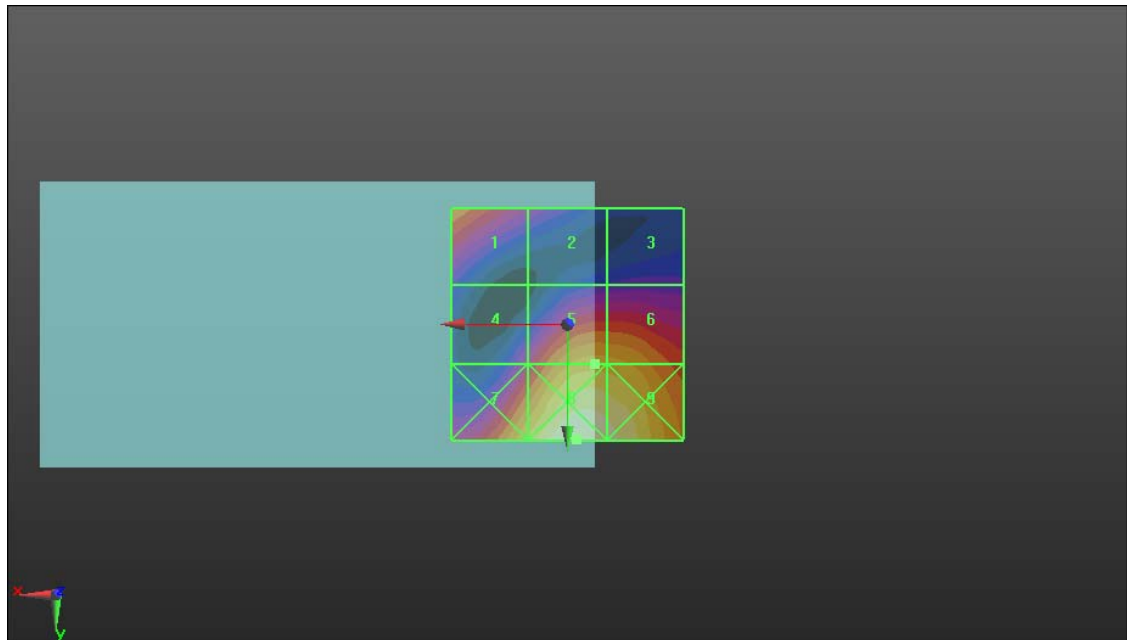
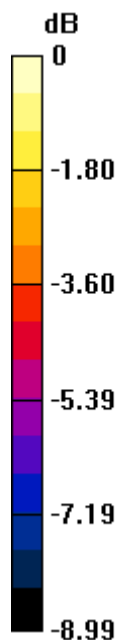
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.688 V/m; Power Drift = -0.17 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 27.895 M4	Grid 2 21.592 M4	Grid 3 19.386 M4
Grid 4 22.507 M4	Grid 5 31.362 M4	Grid 6 31.112 M4
Grid 7 32.882 M4	Grid 8 39.699 M4	Grid 9 38.290 M4



0 dB = 39.700V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/M ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.379 V/m

Probe Modulation Factor = 0.950

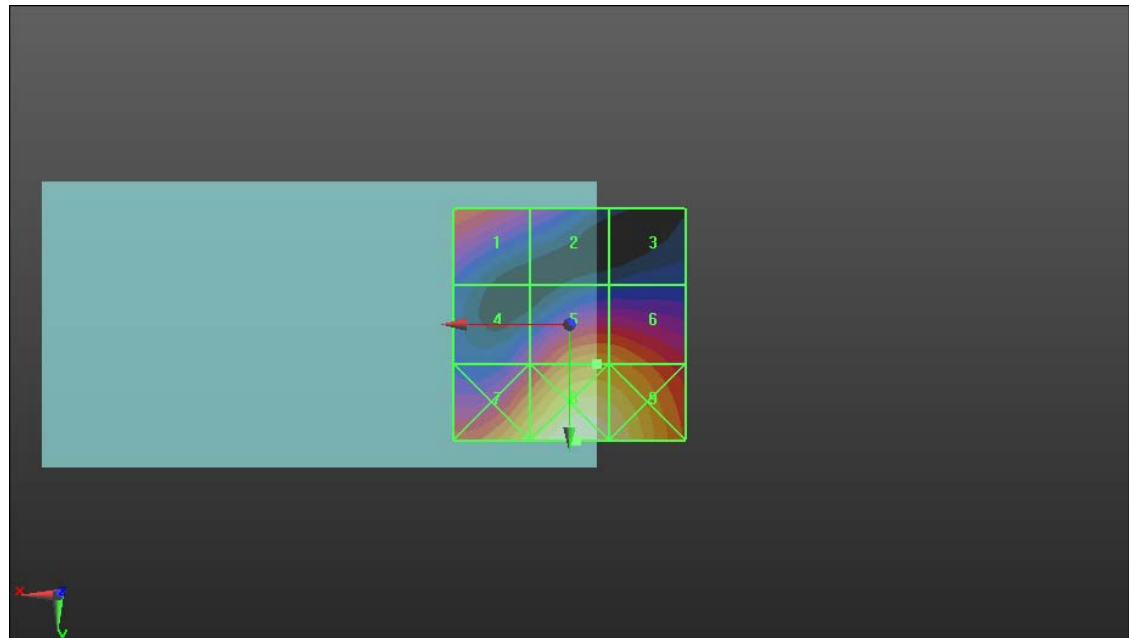
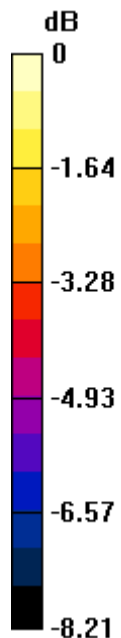
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.200 V/m; Power Drift = -0.16 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 27.427 M4	Grid 2 22.581 M4	Grid 3 18.720 M4
Grid 4 23.250 M4	Grid 5 30.379 M4	Grid 6 30.059 M4
Grid 7 34.395 M4	Grid 8 39.543 M4	Grid 9 37.701 M4



0 dB = 39.540V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC1

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/H ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 27.243 V/m

Probe Modulation Factor = 0.950

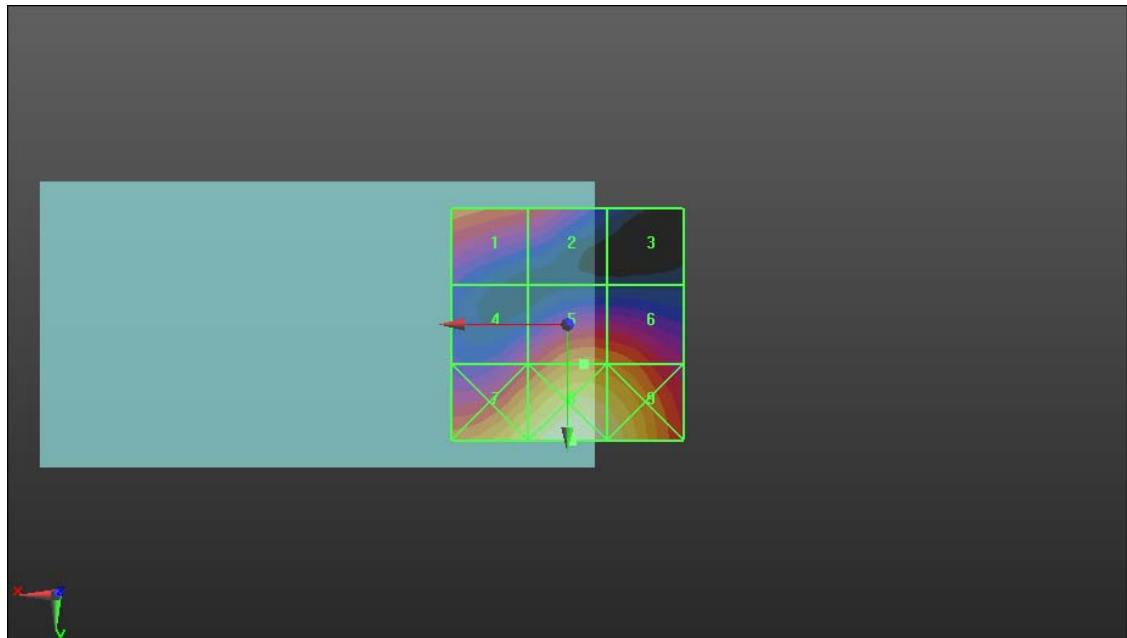
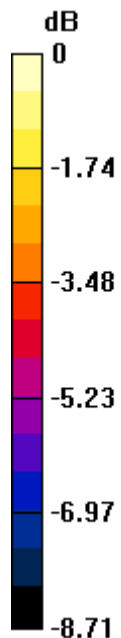
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.785 V/m; Power Drift = -0.14 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 25.818 M4	Grid 2 23.119 M4	Grid 3 16.584 M4
Grid 4 21.935 M4	Grid 5 27.243 M4	Grid 6 26.676 M4
Grid 7 32.990 M4	Grid 8 36.686 M4	Grid 9 34.334 M4



0 dB = 36.690V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC0 (With wireless charging battery cover)

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/L ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 77.135 V/m

Probe Modulation Factor = 0.950

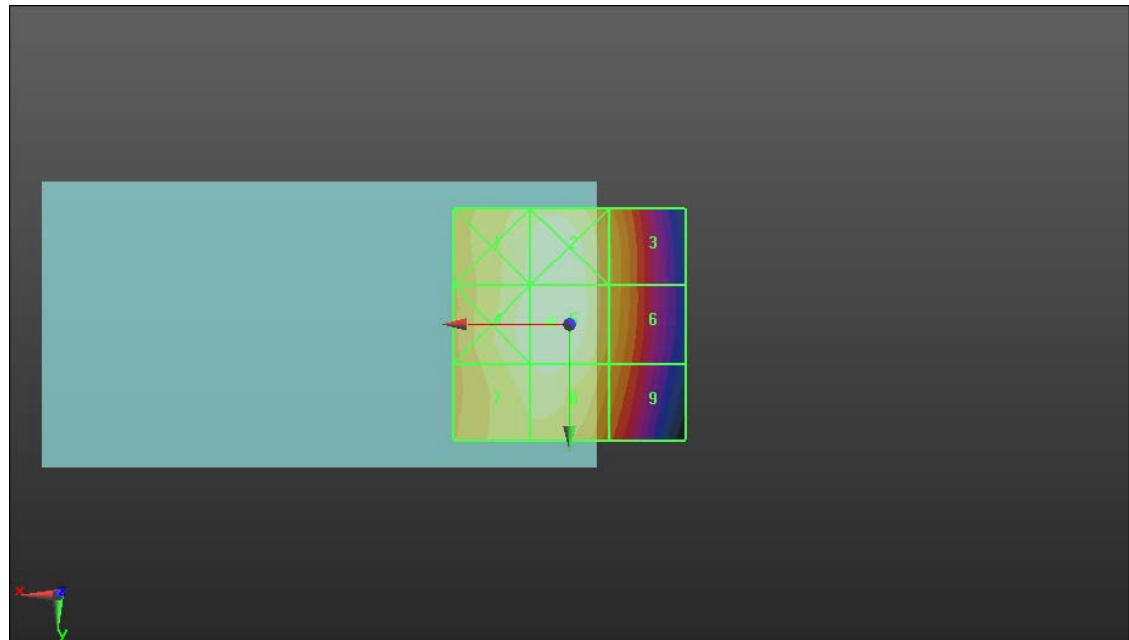
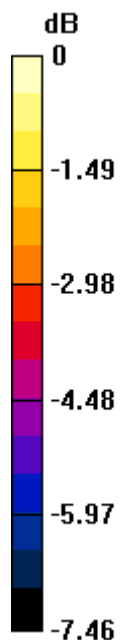
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 111.1 V/m; Power Drift = -0.02 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 73.901 M4	Grid 2 76.165 M4	Grid 3 66.261 M4
Grid 4 75.383 M4	Grid 5 77.135 M4	Grid 6 66.172 M4
Grid 7 72.620 M4	Grid 8 74.042 M4	Grid 9 62.831 M4



0 dB = 77.140V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC0 (With wireless charging battery cover)

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/M ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 76.190 V/m

Probe Modulation Factor = 0.950

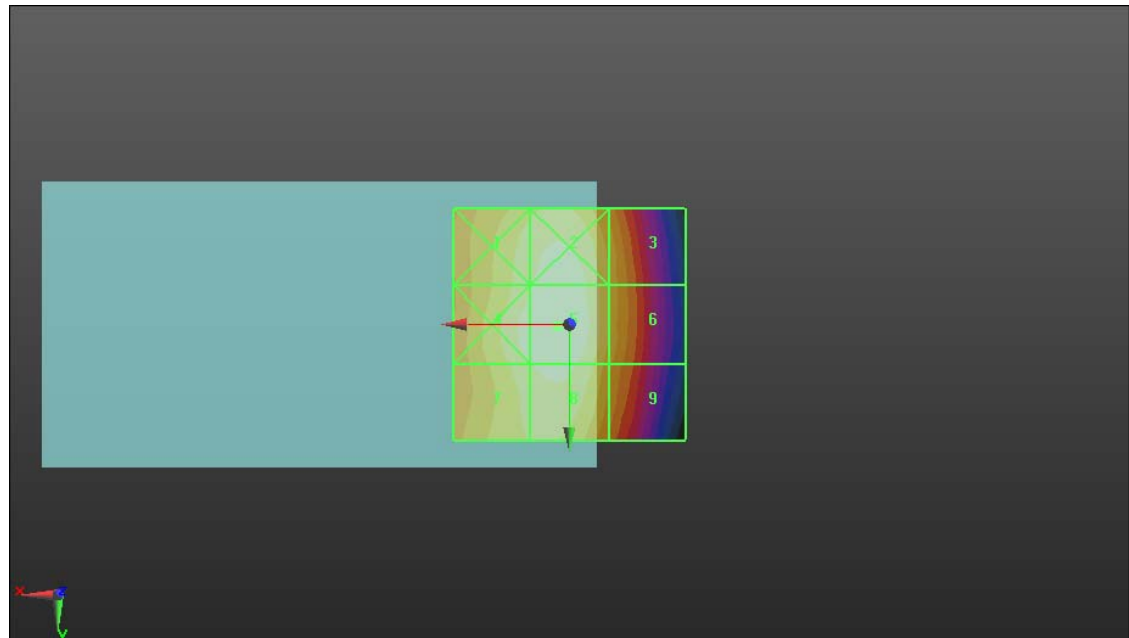
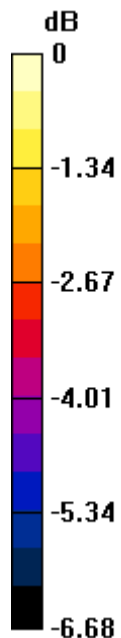
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 108.8 V/m; Power Drift = 0.20 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 72.046 M4	Grid 2 74.671 M4	Grid 3 65.243 M4
Grid 4 74.298 M4	Grid 5 76.190 M4	Grid 6 65.368 M4
Grid 7 72.180 M4	Grid 8 73.981 M4	Grid 9 63.334 M4



0 dB = 76.190V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC0 (With wireless charging battery cover)

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/H ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 74.508 V/m

Probe Modulation Factor = 0.950

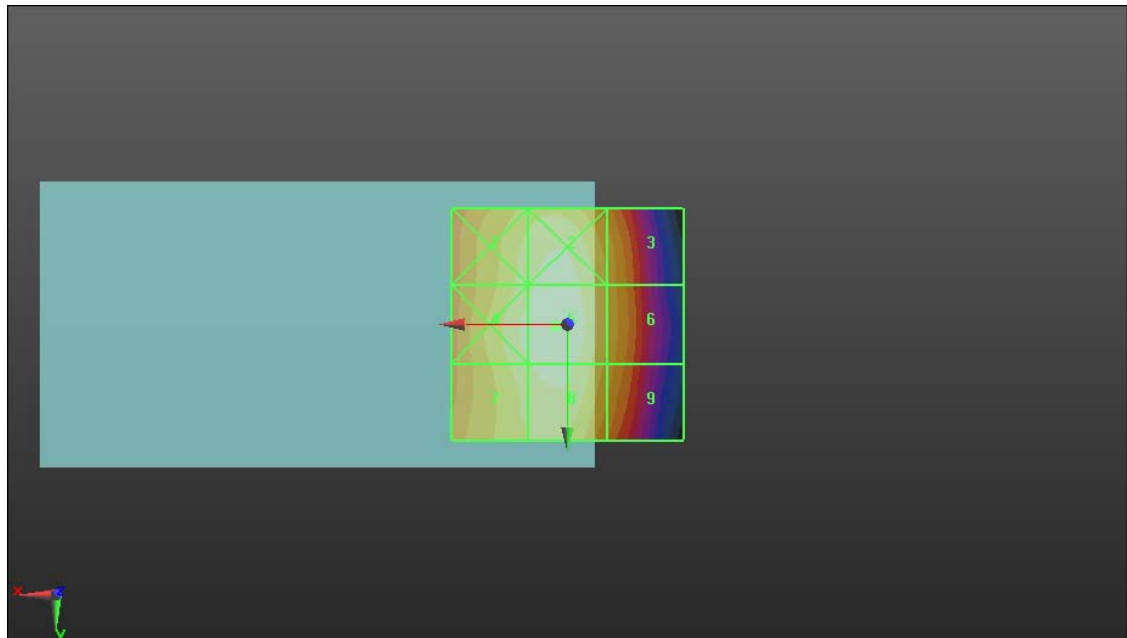
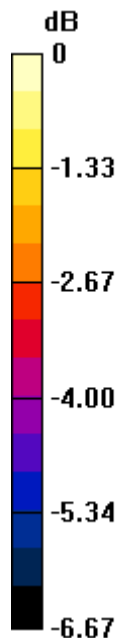
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 106.5 V/m; Power Drift = -0.01 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 69.798 M4	Grid 2 72.799 M4	Grid 3 63.944 M4
Grid 4 72.210 M4	Grid 5 74.508 M4	Grid 6 64.543 M4
Grid 7 70.315 M4	Grid 8 72.572 M4	Grid 9 63.010 M4



0 dB = 74.510V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC1 (With wireless charging battery cover)

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/L ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.603 V/m

Probe Modulation Factor = 0.950

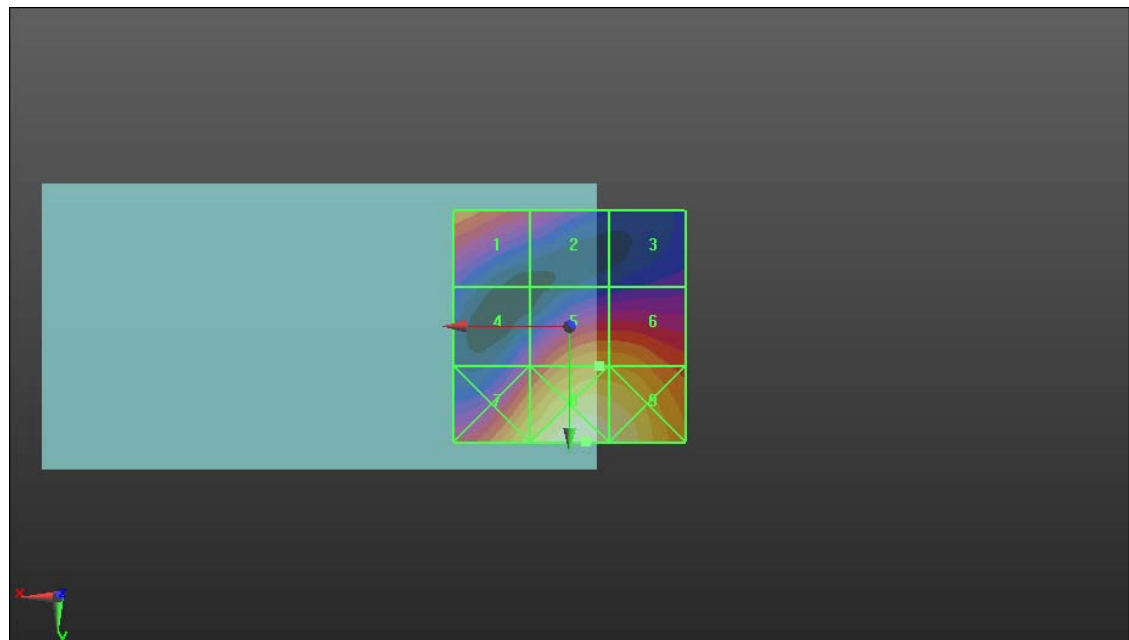
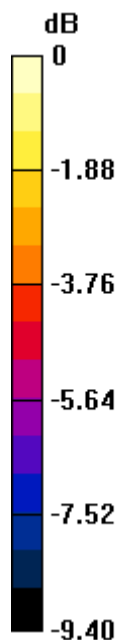
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.863 V/m; Power Drift = 0.33 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 29.710 M4	Grid 2 24.476 M4	Grid 3 20.515 M4
Grid 4 23.797 M4	Grid 5 32.603 M4	Grid 6 32.384 M4
Grid 7 36.808 M4	Grid 8 43.049 M4	Grid 9 41.479 M4



0 dB = 43.050V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC1 (With wireless charging battery cover)

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/M ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.858 V/m

Probe Modulation Factor = 0.950

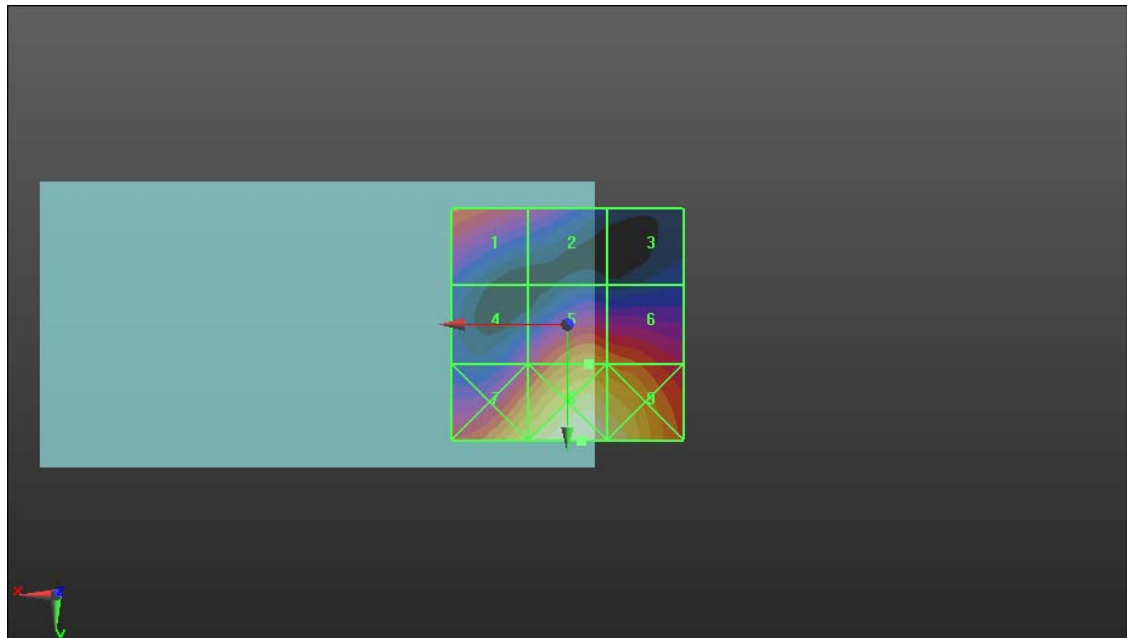
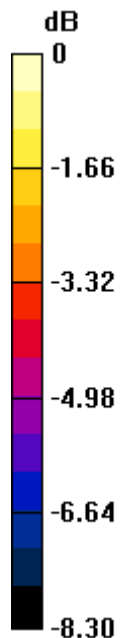
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 33.946 V/m; Power Drift = -0.64 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 29.712 M4	Grid 2 24.887 M4	Grid 3 19.891 M4
Grid 4 25.022 M4	Grid 5 32.858 M4	Grid 6 31.370 M4
Grid 7 37.357 M4	Grid 8 42.728 M4	Grid 9 40.887 M4



0 dB = 42.730V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC1 (With wireless charging battery cover)

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 4/8/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 10/25/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

E-Field, 1x RTT (RC3, SO55)/H ch/Hearing Aid Compatibility Test (101x101x1): Measurement

grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.027 V/m

Probe Modulation Factor = 0.950

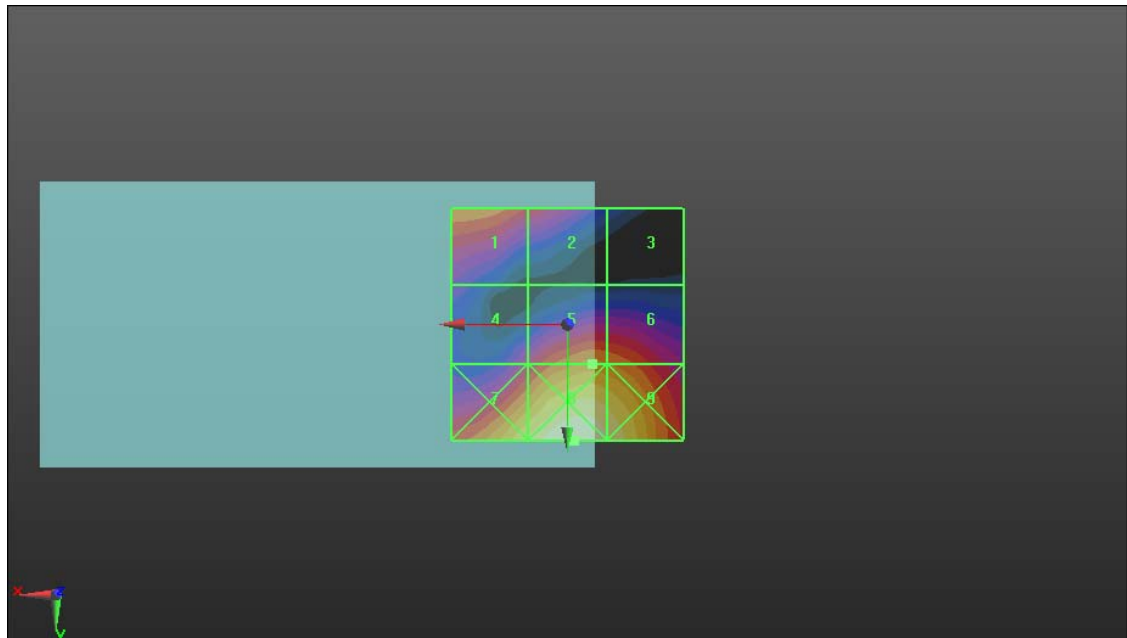
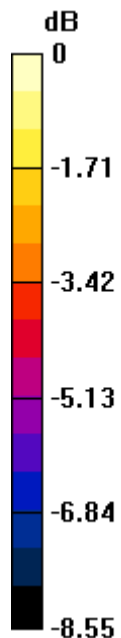
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.616 V/m; Power Drift = -0.12 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 29.216 M4	Grid 2 25.619 M4	Grid 3 18.956 M4
Grid 4 23.908 M4	Grid 5 30.027 M4	Grid 6 29.541 M4
Grid 7 36.400 M4	Grid 8 40.762 M4	Grid 9 38.372 M4



0 dB = 40.760V/m