

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 = 62.886 V/m

Probe Modulation Factor = 0.950

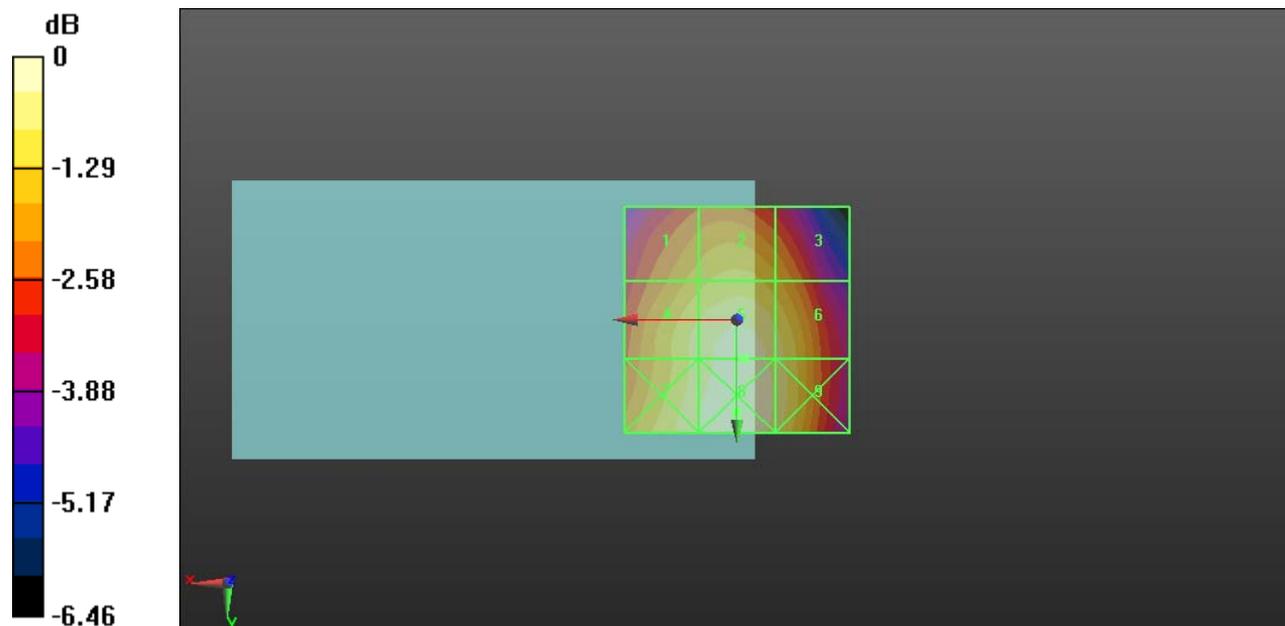
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 85.081 V/m; Power Drift = 0.03 dB

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

Peak E-field in V/m

Grid 1 54.679 M4	Grid 2 57.005 M4	Grid 3 54.054 M4
Grid 4 59.901 M4	Grid 5 62.886 M4	Grid 6 60.277 M4
Grid 7 61.846 M4	Grid 8 64.576 M4	Grid 9 61.104 M4



0 dB = 64.580V/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 = 56.838 V/m

Probe Modulation Factor = 0.950

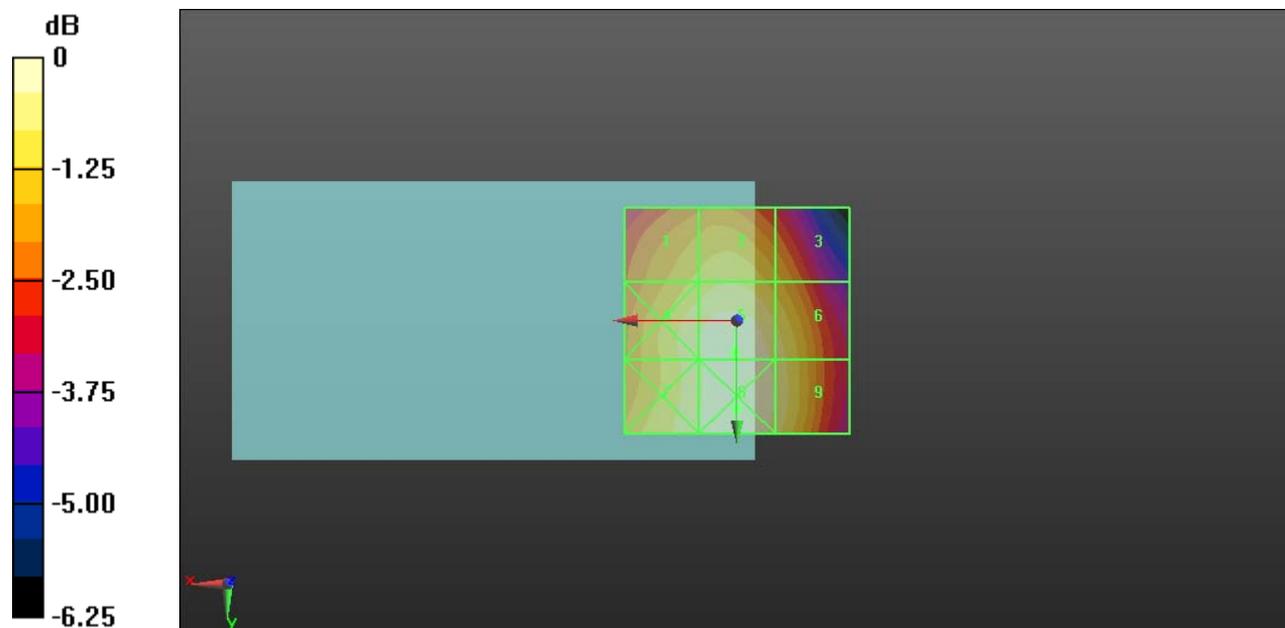
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 78.489 V/m; Power Drift = 0.03 dB

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

Peak E-field in V/m

Grid 1 50.836 M4	Grid 2 52.432 M4	Grid 3 48.775 M4
Grid 4 54.890 M4	Grid 5 56.838 M4	Grid 6 54.163 M4
Grid 7 54.782 M4	Grid 8 57.606 M4	Grid 9 54.773 M4



0 dB = 57.610V/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 = 50.403 V/m

Probe Modulation Factor = 0.950

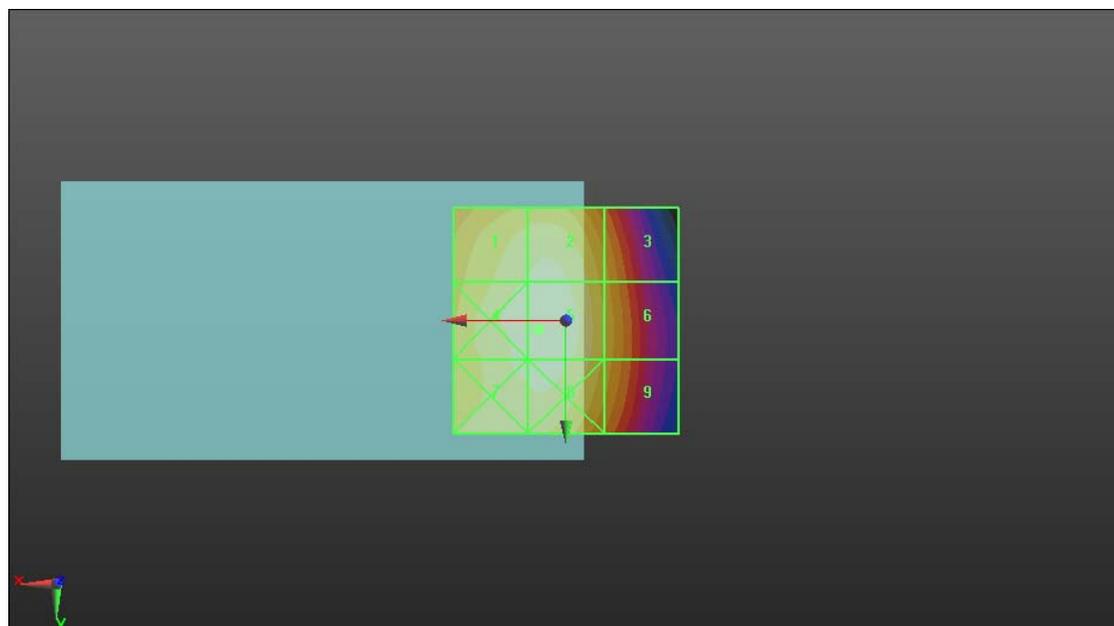
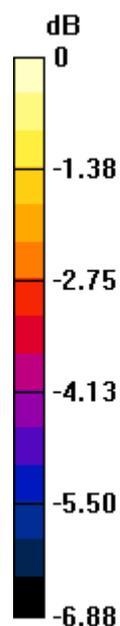
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 70.912 V/m; Power Drift = 0.05 dB

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

Peak E-field in V/m

Grid 1 48.129 M4	Grid 2 48.776 M4	Grid 3 42.025 M4
Grid 4 50.196 M4	Grid 5 50.403 M4	Grid 6 43.026 M4
Grid 7 49.059 M4	Grid 8 49.384 M4	Grid 9 42.452 M4



0 dB = 50.400V/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 = 35.417 V/m

Probe Modulation Factor = 0.950

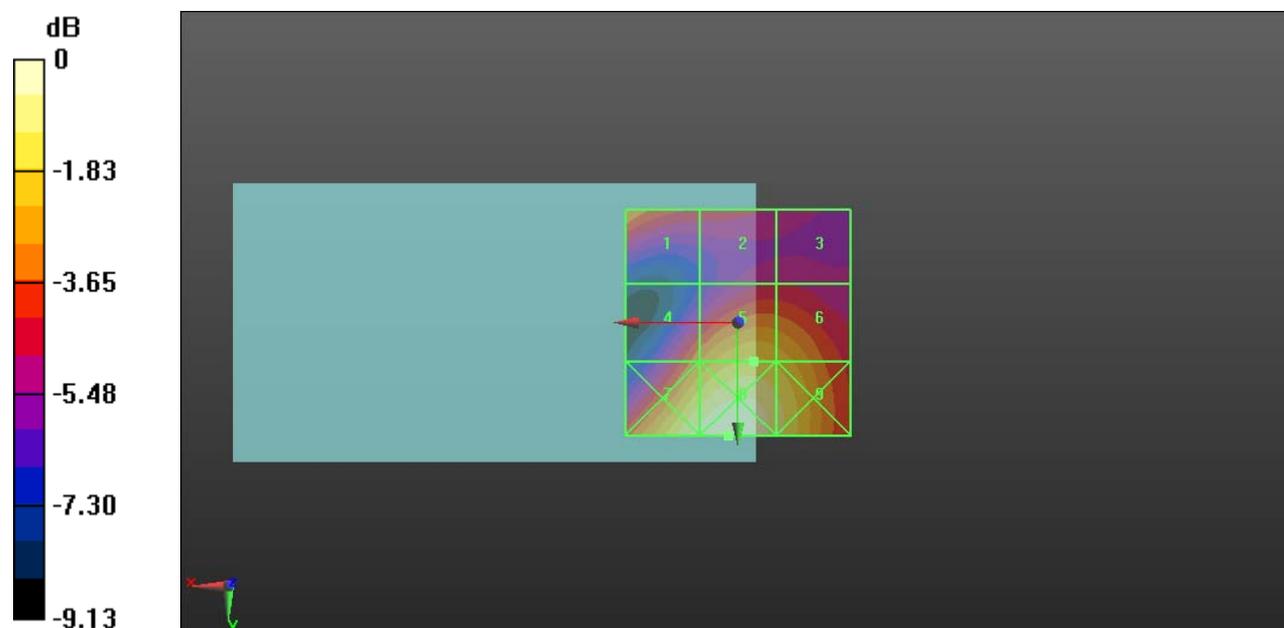
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.323 V/m; Power Drift = -0.0027 dB

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

Peak E-field in V/m

Grid 1 30.944 M4	Grid 2 26.241 M4	Grid 3 24.622 M4
Grid 4 30.226 M4	Grid 5 35.417 M4	Grid 6 34.288 M4
Grid 7 41.531 M4	Grid 8 43.022 M4	Grid 9 38.730 M4



0 dB = 43.020V/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 = 35.099 V/m

Probe Modulation Factor = 0.950

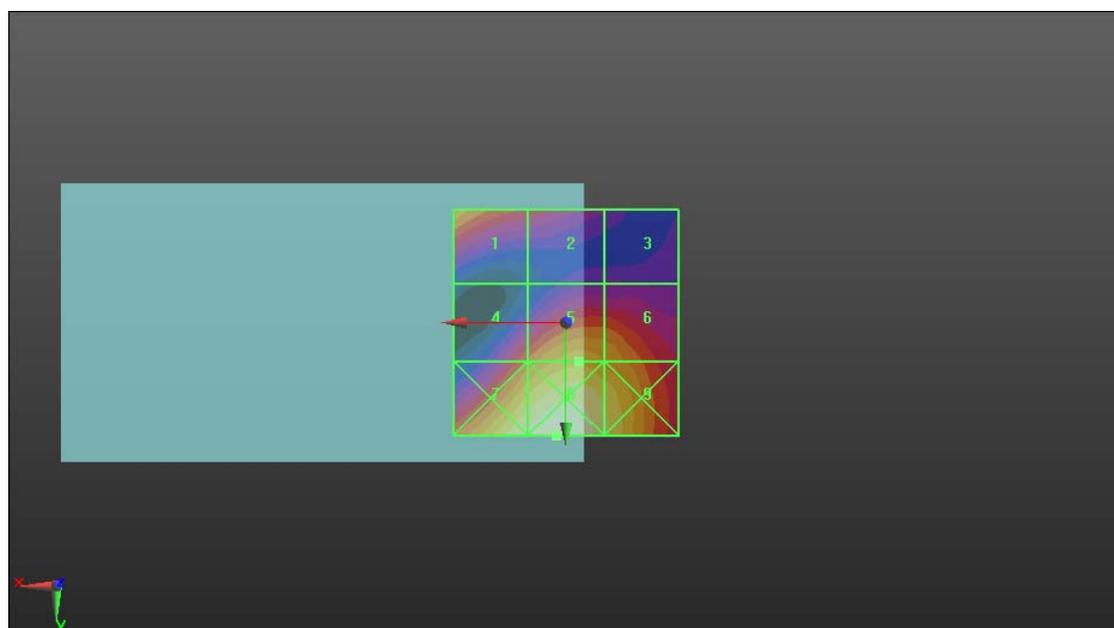
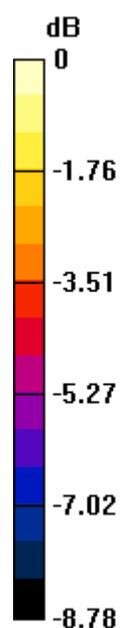
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.312 V/m; Power Drift = -0.02 dB

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

Peak E-field in V/m

Grid 1 33.452 M4	Grid 2 27.023 M4	Grid 3 22.737 M4
Grid 4 29.598 M4	Grid 5 35.099 M4	Grid 6 33.232 M4
Grid 7 42.043 M4	Grid 8 43.813 M4	Grid 9 39.127 M4



0 dB = 43.810V/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 = 31.858 V/m

Probe Modulation Factor = 0.950

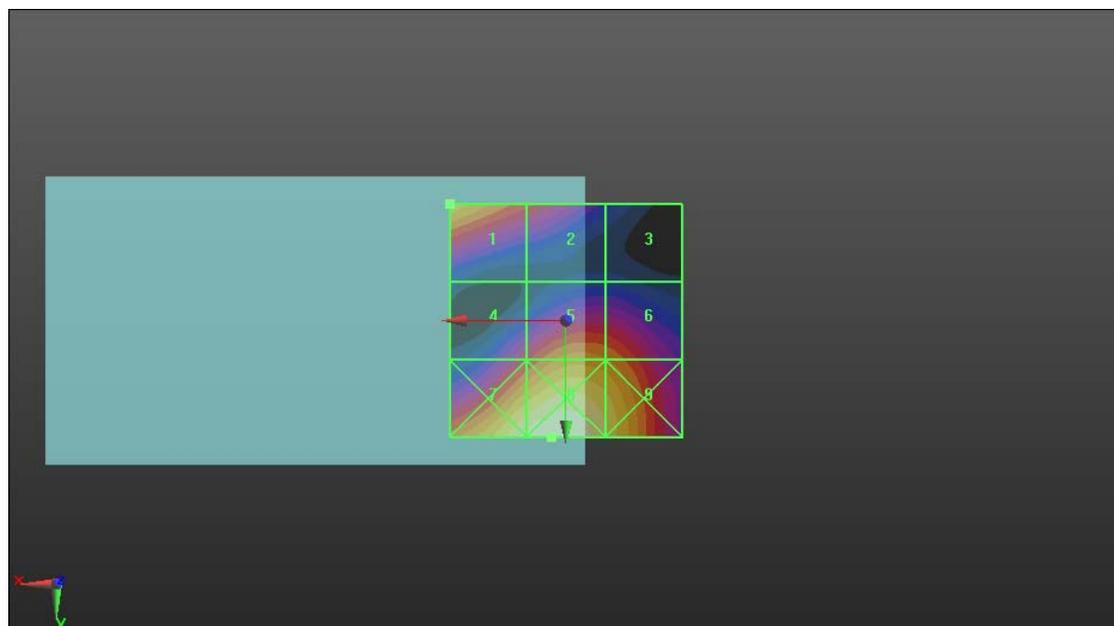
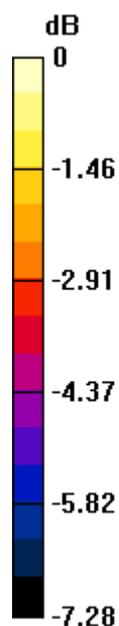
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.471 V/m; Power Drift = 0.0098 dB

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

Peak E-field in V/m

Grid 1 31.858 M4	Grid 2 26.079 M4	Grid 3 20.161 M4
Grid 4 25.390 M4	Grid 5 29.698 M4	Grid 6 28.858 M4
Grid 7 36.538 M4	Grid 8 37.840 M4	Grid 9 33.770 M4



0 dB = 37.840V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC10

Communication System: CDMA2000; Frequency: 817.9 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 = 70.515 V/m

Probe Modulation Factor = 0.950

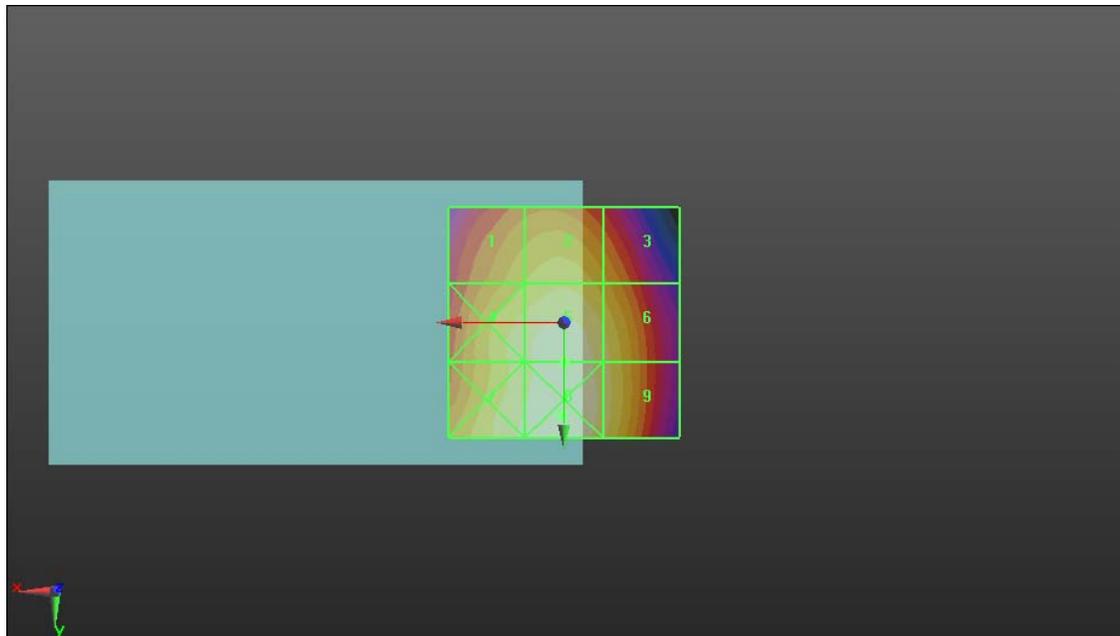
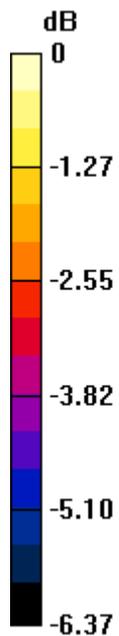
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 94.937 V/m; Power Drift = 0.19 dB

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

Peak E-field in V/m

Grid 1 62.201 M4	Grid 2 64.676 M4	Grid 3 60.471 M4
Grid 4 67.723 M4	Grid 5 70.515 M4	Grid 6 66.617 M4
Grid 7 69.316 M4	Grid 8 71.806 M4	Grid 9 67.234 M4



0 dB = 71.810V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC10

Communication System: CDMA2000; Frequency: 820.5 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 = 69.313 V/m

Probe Modulation Factor = 0.950

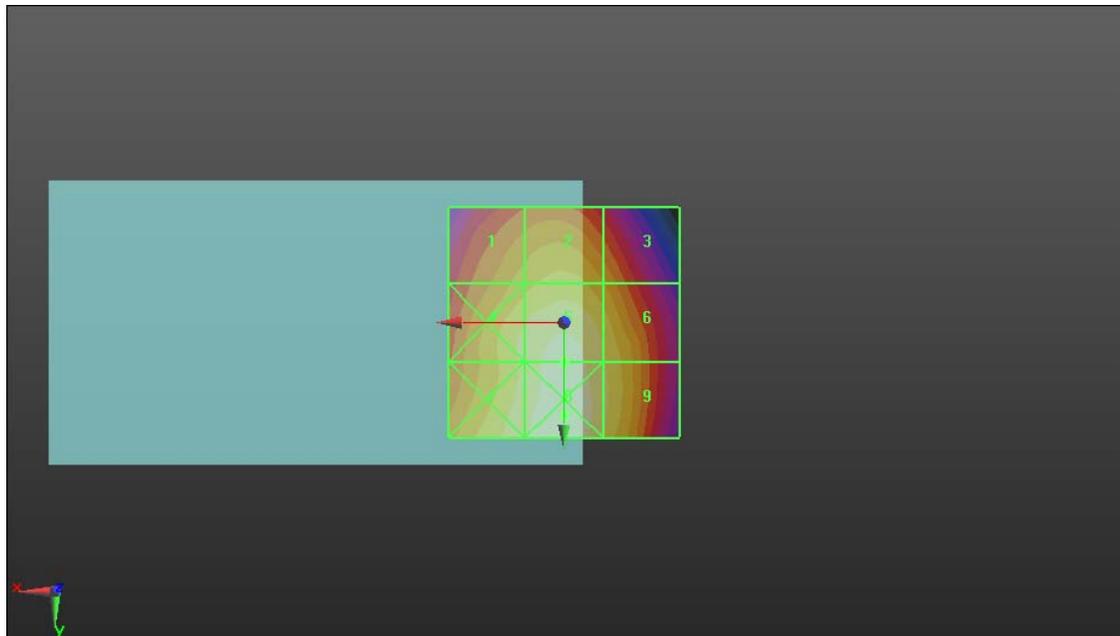
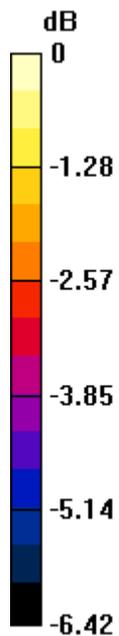
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 93.572 V/m; Power Drift = 0.23 dB

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

Peak E-field in V/m

Grid 1 60.209 M4	Grid 2 62.717 M4	Grid 3 58.648 M4
Grid 4 65.573 M4	Grid 5 69.313 M4	Grid 6 64.884 M4
Grid 7 67.346 M4	Grid 8 71.076 M4	Grid 9 65.545 M4



0 dB = 71.080V/m

Test Laboratory: UL CCS SAR Lab C

CDMA2000_BC10

Communication System: CDMA2000; Frequency: 823.1 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 = 66.368 V/m

Probe Modulation Factor = 0.950

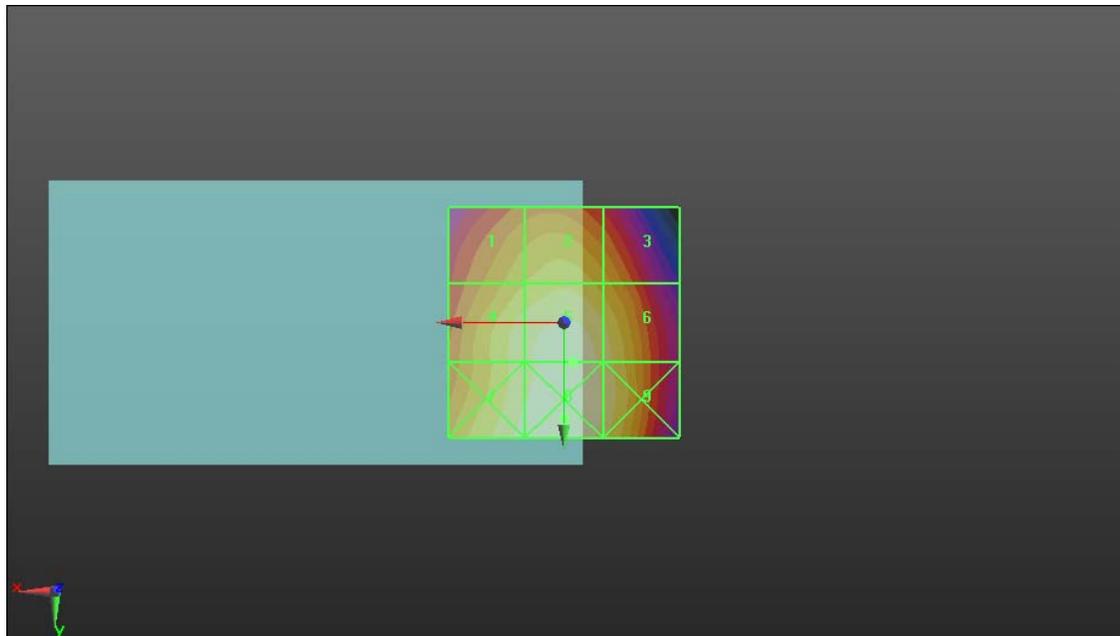
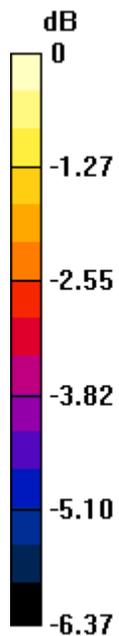
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 92.161 V/m; Power Drift = 0.0022 dB

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

Peak E-field in V/m

Grid 1 58.654 M4	Grid 2 60.992 M4	Grid 3 57.358 M4
Grid 4 63.975 M4	Grid 5 66.368 M4	Grid 6 63.503 M4
Grid 7 65.665 M4	Grid 8 67.834 M4	Grid 9 64.240 M4



0 dB = 67.830V/m