

Test Laboratory: UL CCS SAR Lab C

**CDMA BC0**

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

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012

- 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 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/L ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.113 A/m

Probe Modulation Factor = 0.960

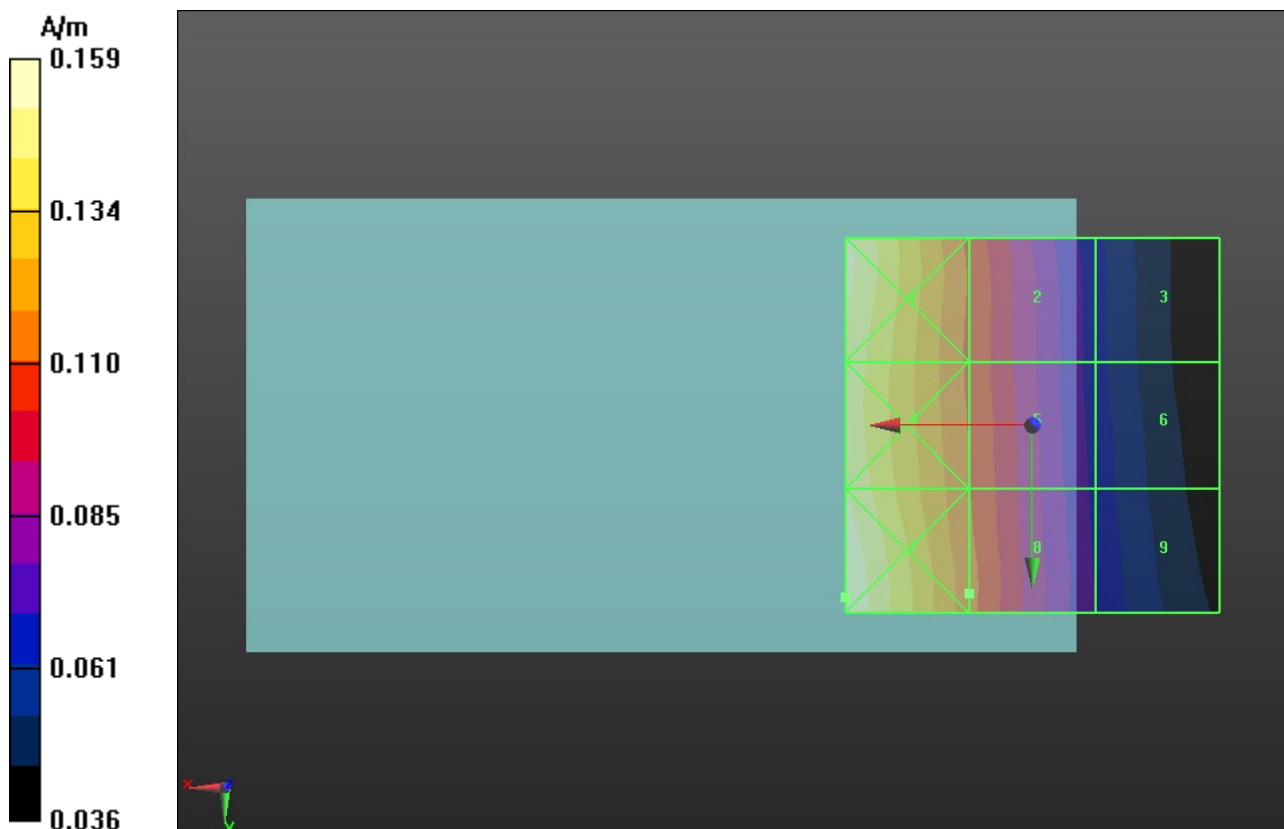
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.097 A/m; Power Drift = 0.0029 dB

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

Peak H-field in A/m

Grid 1 <b>0.154 M4</b>	Grid 2 <b>0.109 M4</b>	Grid 3 <b>0.065 M4</b>
Grid 4 <b>0.152 M4</b>	Grid 5 <b>0.111 M4</b>	Grid 6 <b>0.067 M4</b>
Grid 7 <b>0.159 M4</b>	Grid 8 <b>0.113 M4</b>	Grid 9 <b>0.069 M4</b>



Test Laboratory: UL CCS SAR Lab C

**CDMA BC0**

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

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/M ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.106 A/m

Probe Modulation Factor = 0.960

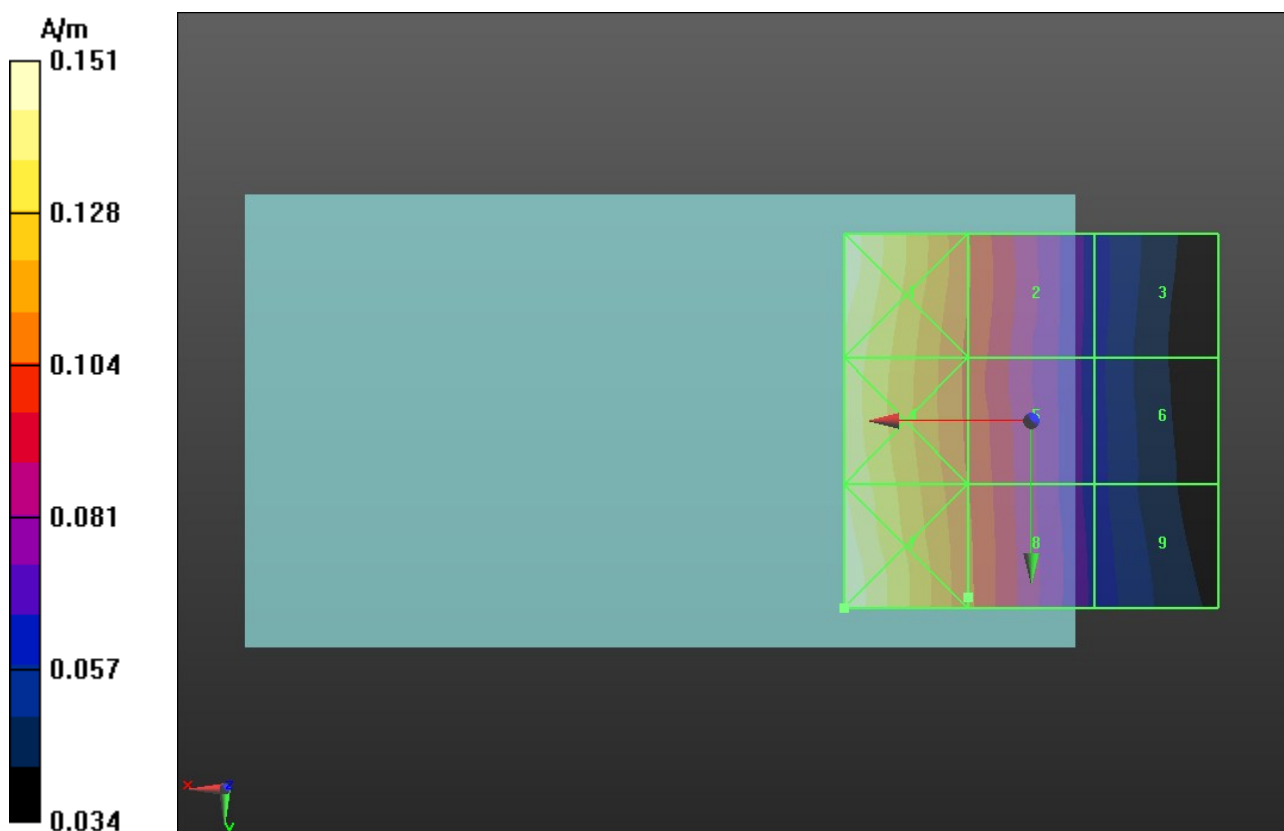
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.090 A/m; Power Drift = 0.03 dB

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

Peak H-field in A/m

Grid 1 <b>0.150 M4</b>	Grid 2 <b>0.105 M4</b>	Grid 3 <b>0.062 M4</b>
Grid 4 <b>0.143 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.062 M4</b>
Grid 7 <b>0.151 M4</b>	Grid 8 <b>0.106 M4</b>	Grid 9 <b>0.064 M4</b>



Test Laboratory: UL CCS SAR Lab C

**CDMA BC0**

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

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0);SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/H ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.095 A/m

Probe Modulation Factor = 0.960

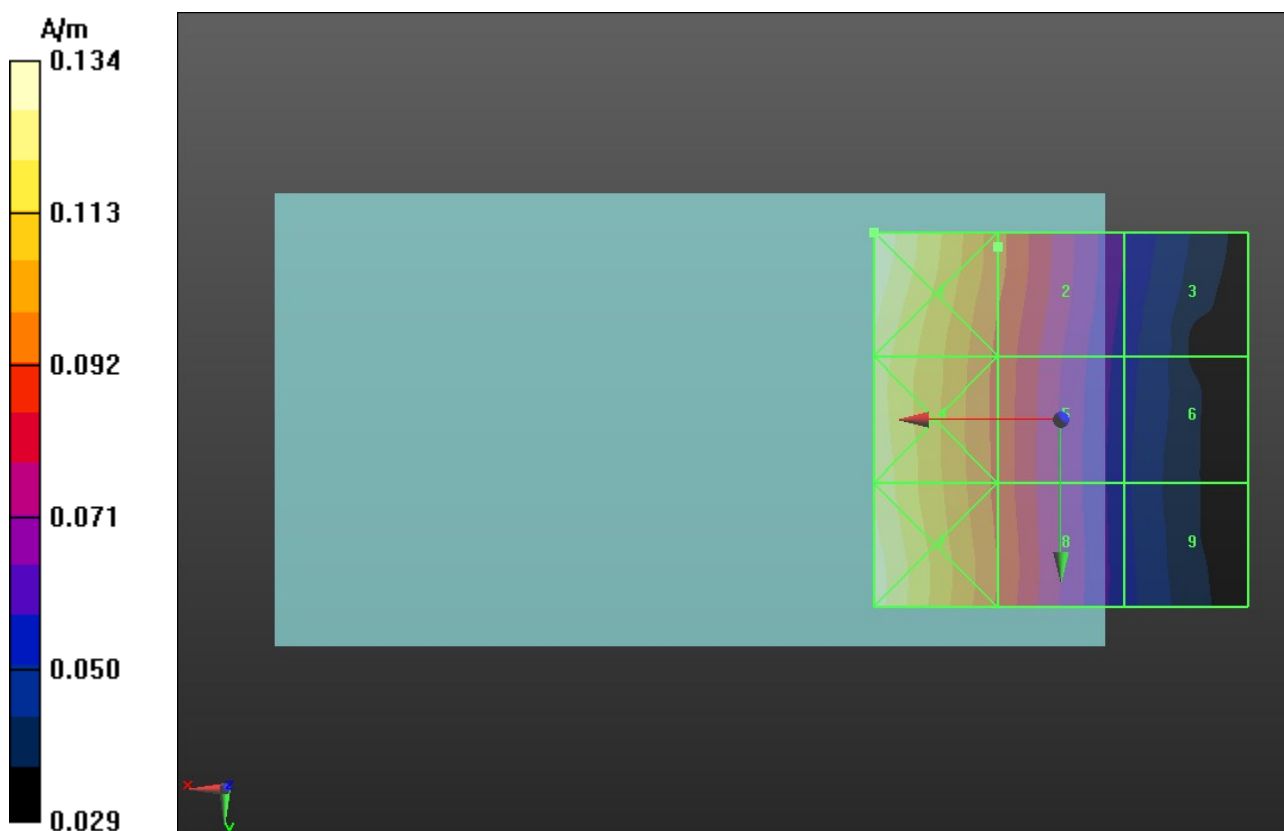
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.077 A/m; Power Drift = -0.05 dB

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

Peak H-field in A/m

Grid 1 <b>0.134 M4</b>	Grid 2 <b>0.095 M4</b>	Grid 3 <b>0.058 M4</b>
Grid 4 <b>0.126 M4</b>	Grid 5 <b>0.091 M4</b>	Grid 6 <b>0.054 M4</b>
Grid 7 <b>0.131 M4</b>	Grid 8 <b>0.092 M4</b>	Grid 9 <b>0.053 M4</b>



Test Laboratory: UL CCS SAR Lab C

**CDMA BC1**

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

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0);SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/L ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.084 A/m

Probe Modulation Factor = 0.980

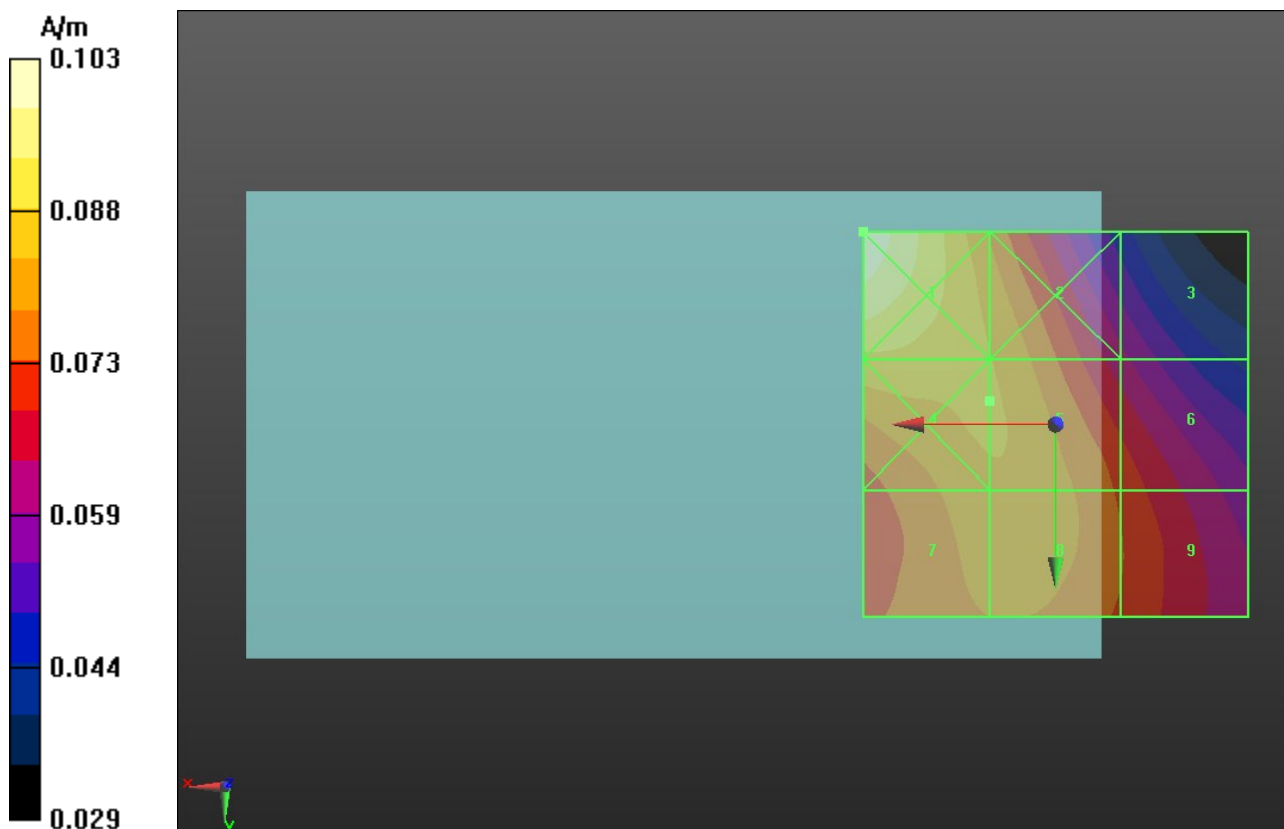
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.091 A/m; Power Drift = -0.03 dB

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

Peak H-field in A/m

Grid 1 <b>0.103 M4</b>	Grid 2 <b>0.084 M4</b>	Grid 3 <b>0.060 M4</b>
Grid 4 <b>0.087 M4</b>	Grid 5 <b>0.084 M4</b>	Grid 6 <b>0.072 M4</b>
Grid 7 <b>0.082 M4</b>	Grid 8 <b>0.083 M4</b>	Grid 9 <b>0.074 M4</b>



Test Laboratory: UL CCS SAR Lab C

**CDMA BC1**

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

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/M ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.086 A/m

Probe Modulation Factor = 0.980

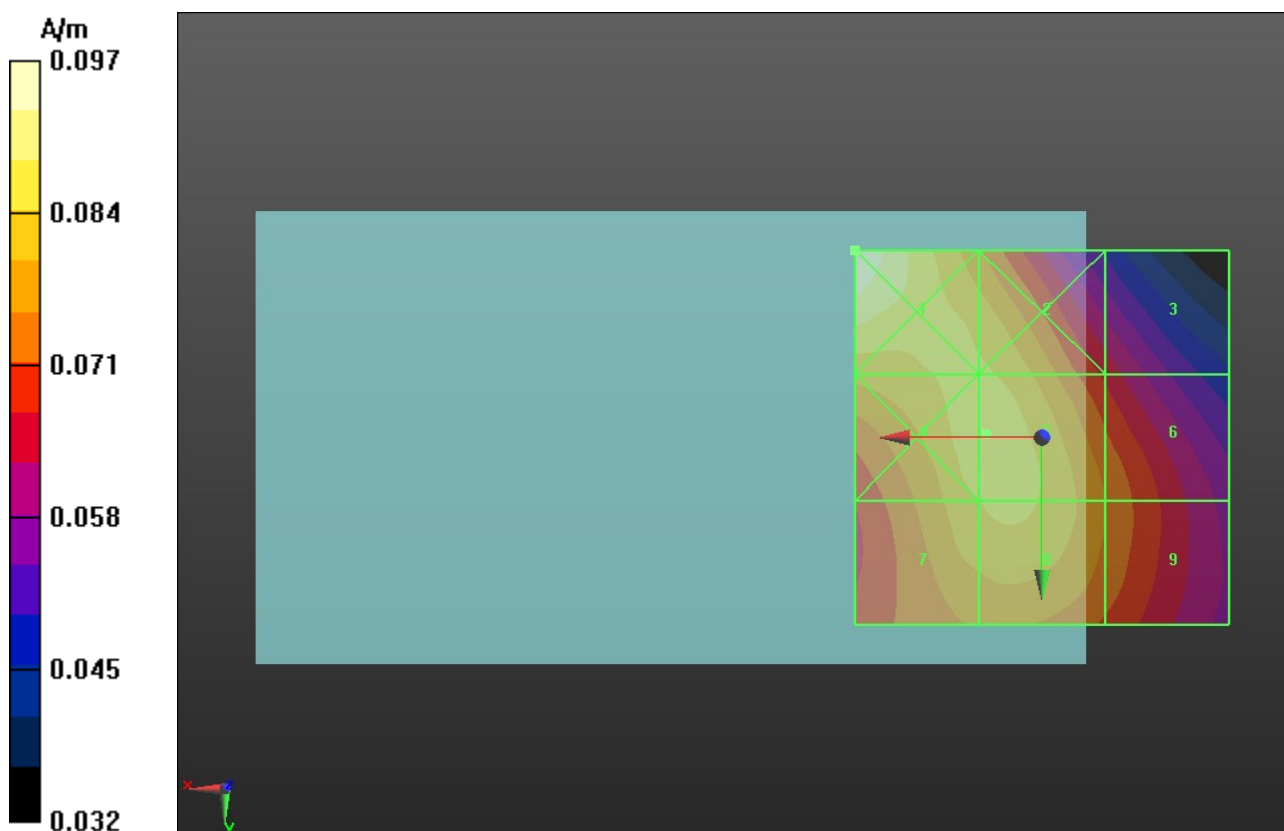
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.097 A/m; Power Drift = -0.12 dB

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

Peak H-field in A/m

Grid 1 <b>0.097 M4</b>	Grid 2 <b>0.085 M4</b>	Grid 3 <b>0.066 M4</b>
Grid 4 <b>0.086 M4</b>	Grid 5 <b>0.086 M4</b>	Grid 6 <b>0.075 M4</b>
Grid 7 <b>0.084 M4</b>	Grid 8 <b>0.085 M4</b>	Grid 9 <b>0.075 M4</b>



Test Laboratory: UL CCS SAR Lab C

**CDMA BC1**

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

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0);SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/H ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.097 A/m

Probe Modulation Factor = 0.980

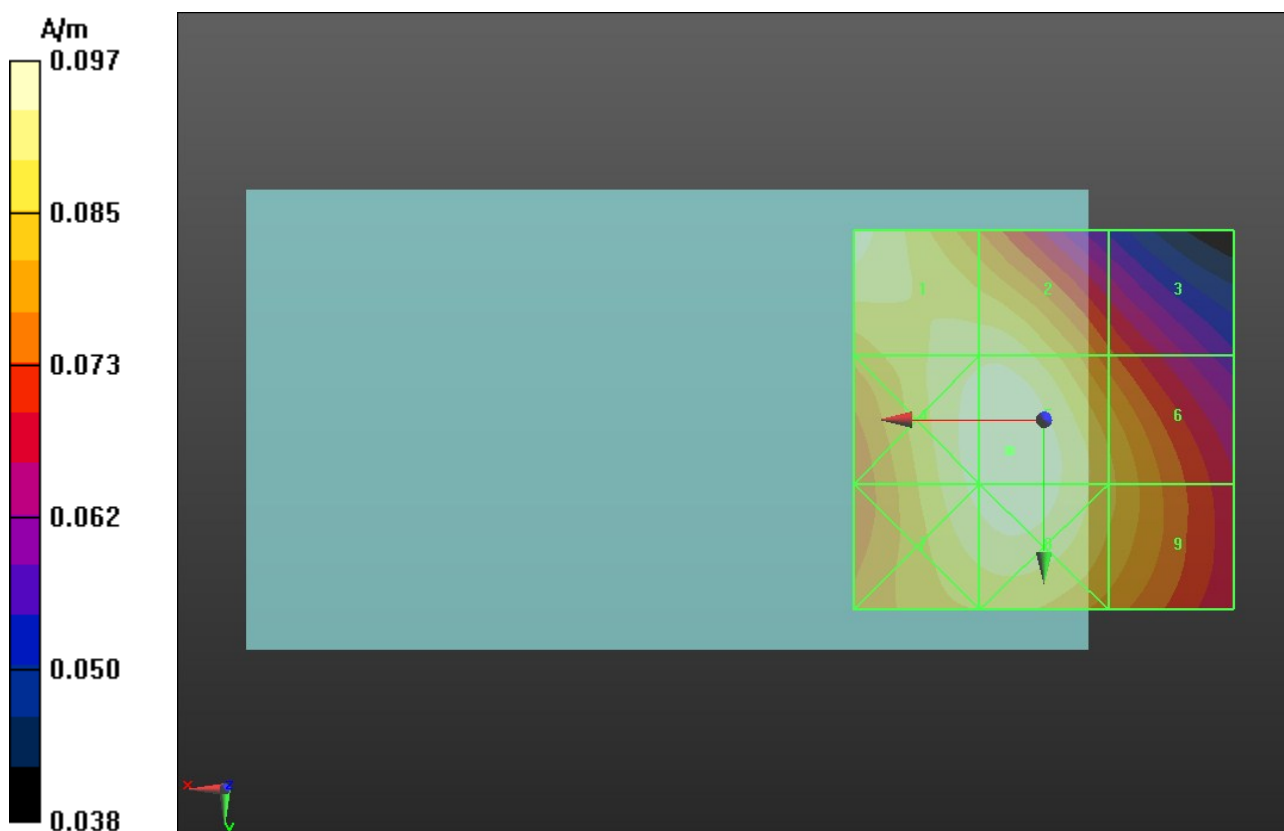
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.110 A/m; Power Drift = -0.15 dB

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

Peak H-field in A/m

Grid 1 <b>0.095 M4</b>	Grid 2 <b>0.092 M4</b>	Grid 3 <b>0.075 M4</b>
Grid 4 <b>0.095 M4</b>	Grid 5 <b>0.097 M4</b>	Grid 6 <b>0.086 M4</b>
Grid 7 <b>0.095 M4</b>	Grid 8 <b>0.096 M4</b>	Grid 9 <b>0.086 M4</b>



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**CDMA BC15**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0);SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/L ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 0.960

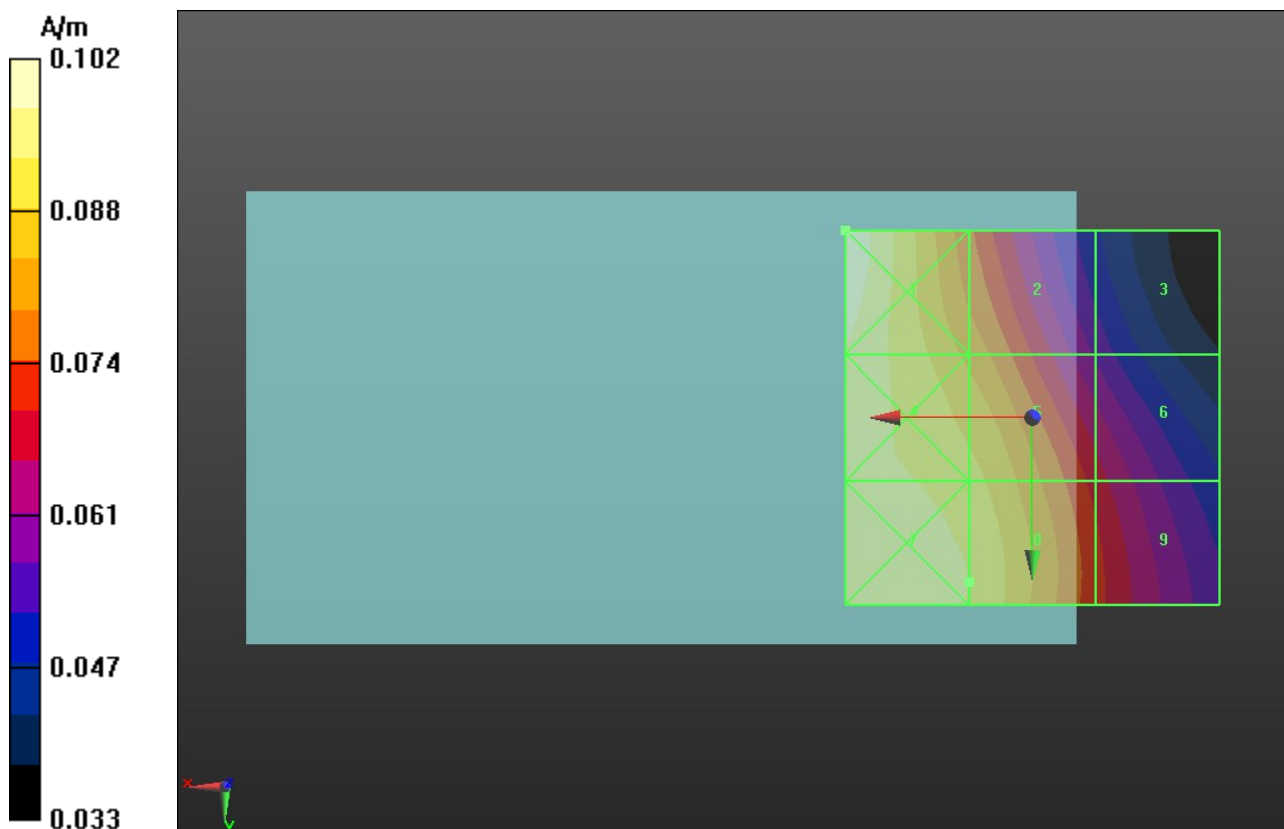
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.087 A/m; Power Drift = -0.04 dB

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

Peak H-field in A/m

Grid 1 <b>0.102 M4</b>	Grid 2 <b>0.082 M4</b>	Grid 3 <b>0.055 M4</b>
Grid 4 <b>0.097 M4</b>	Grid 5 <b>0.090 M4</b>	Grid 6 <b>0.068 M4</b>
Grid 7 <b>0.097 M4</b>	Grid 8 <b>0.093 M4</b>	Grid 9 <b>0.072 M4</b>



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**CDMA BC15**

Communication System: CDMA2000; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/M ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.078 A/m

Probe Modulation Factor = 0.960

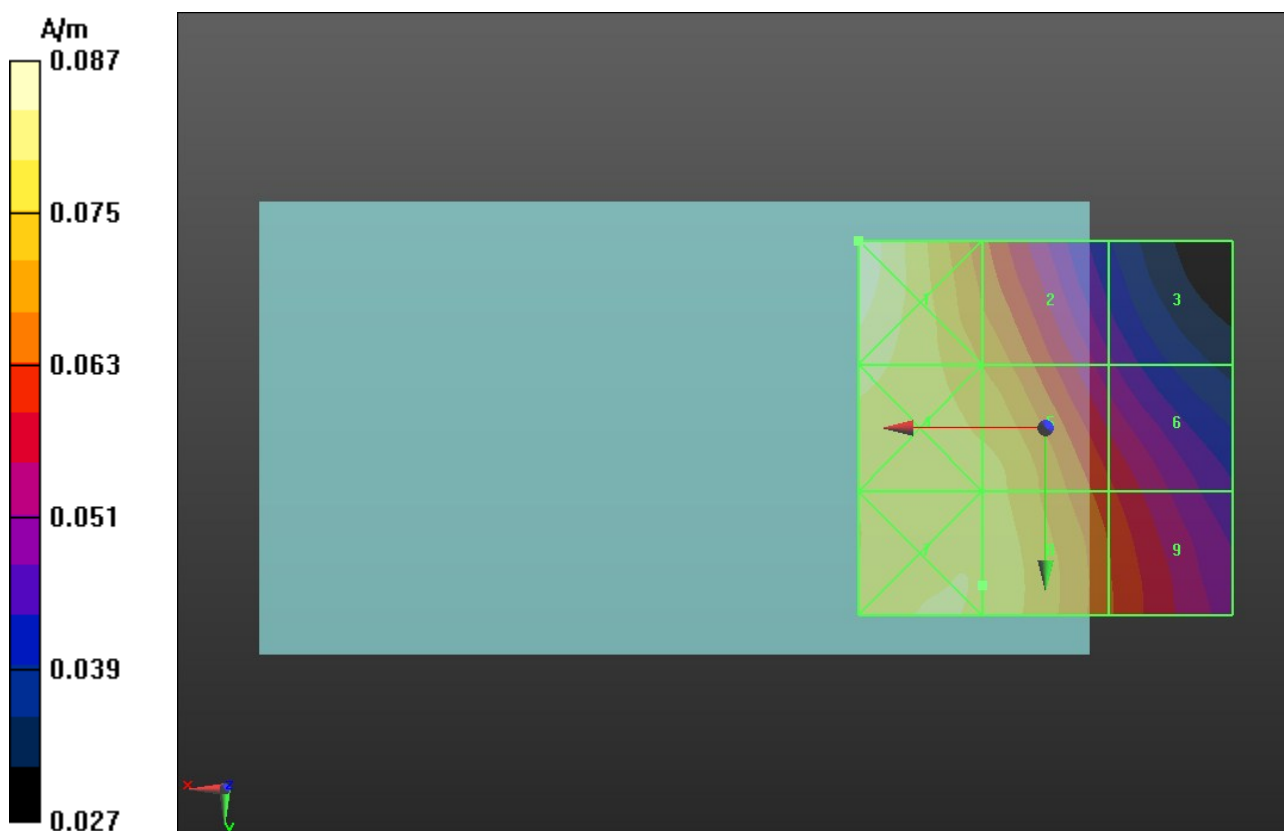
Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.077 A/m; Power Drift = 0.03 dB

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

Peak H-field in A/m

Grid 1 <b>0.087 M4</b>	Grid 2 <b>0.071 M4</b>	Grid 3 <b>0.048 M4</b>
Grid 4 <b>0.081 M4</b>	Grid 5 <b>0.077 M4</b>	Grid 6 <b>0.060 M4</b>
Grid 7 <b>0.079 M4</b>	Grid 8 <b>0.078 M4</b>	Grid 9 <b>0.064 M4</b>





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**CDMA BC15**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY4 Configuration:

- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- 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 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**H-Field, RC3 SO55/H ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.096 A/m

Probe Modulation Factor = 0.960

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.101 A/m; Power Drift = -0.03 dB

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

Peak H-field in A/m

Grid 1 <b>0.110 M4</b>	Grid 2 <b>0.092 M4</b>	Grid 3 <b>0.064 M4</b>
Grid 4 <b>0.100 M4</b>	Grid 5 <b>0.096 M4</b>	Grid 6 <b>0.079 M4</b>
Grid 7 <b>0.096 M4</b>	Grid 8 <b>0.096 M4</b>	Grid 9 <b>0.083 M4</b>

