

### #02 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Eighth\_Ch384\_Battery1

**DUT: 040231-01**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1  
Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 79.4 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.3 V/m; Power Drift = 0.094 dB

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

Peak E-field in V/m

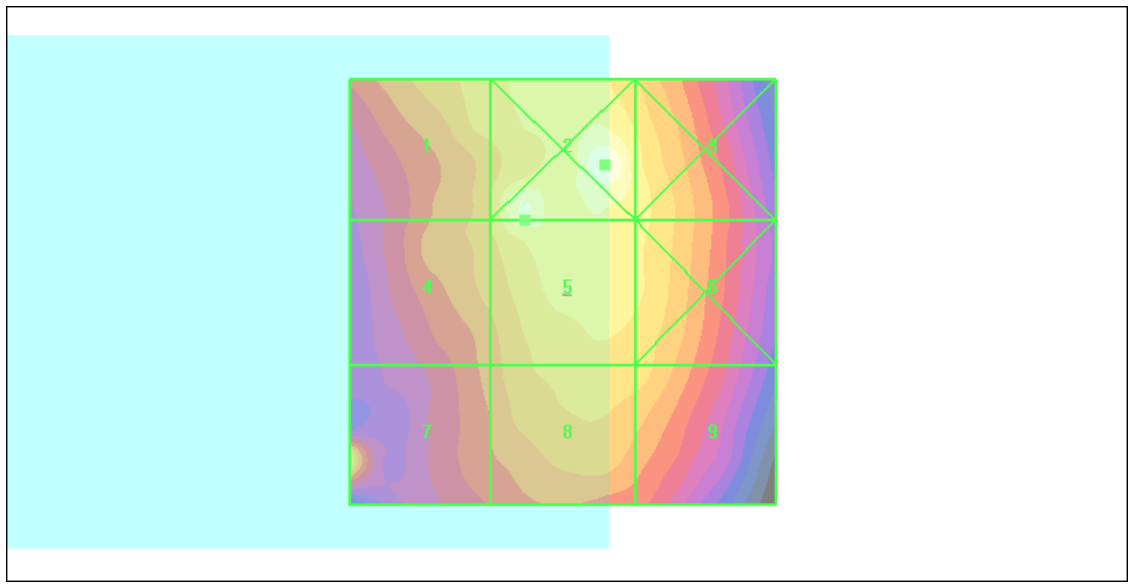
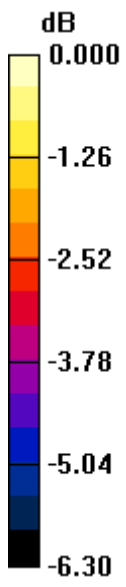
Grid 1 <b>72.1 M4</b>	Grid 2 <b>84.8 M4</b>	Grid 3 <b>76.0 M4</b>
Grid 4 <b>69.9 M4</b>	Grid 5 <b>79.4 M4</b>	Grid 6 <b>75.2 M4</b>
Grid 7 <b>74.1 M4</b>	Grid 8 <b>72.3 M4</b>	Grid 9 <b>71.7 M4</b>

**Cursor:**

Total = 84.8 V/m

E Category: M4

Location: -5, -15, 8.7 mm



0 dB = 84.8V/m

### #16 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Eighth\_Ch1013\_Battery1

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 54.0 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 22.8 V/m; Power Drift = -0.015 dB

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

Peak E-field in V/m

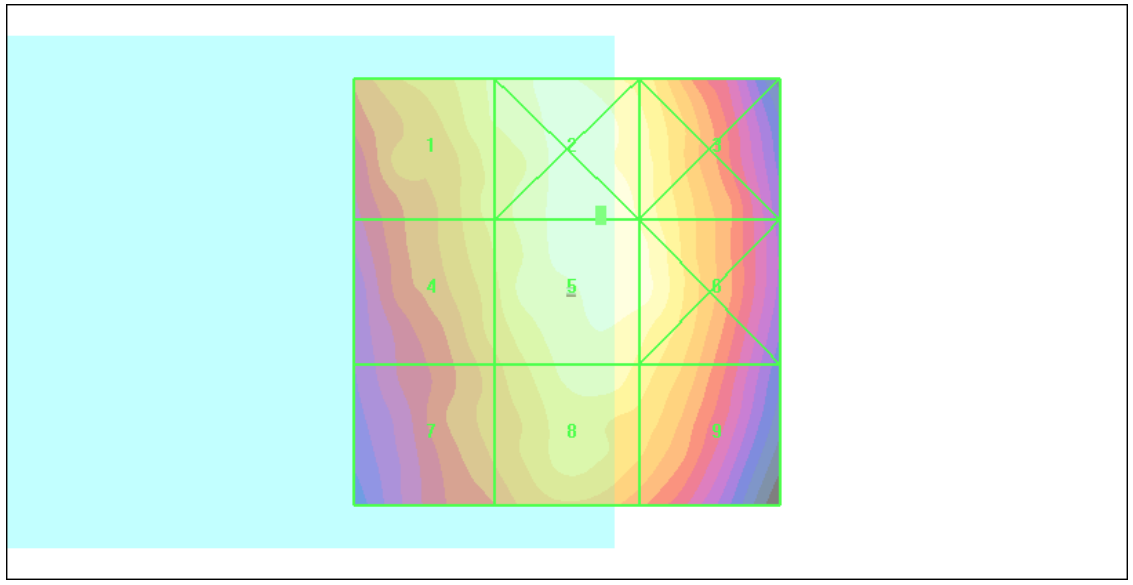
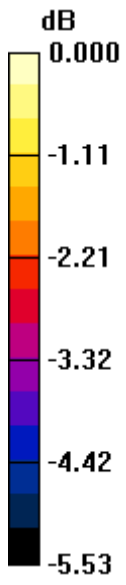
Grid 1 <b>50.1 M4</b>	Grid 2 <b>54.0 M4</b>	Grid 3 <b>51.6 M4</b>
Grid 4 <b>48.3 M4</b>	Grid 5 <b>54.0 M4</b>	Grid 6 <b>52.7 M4</b>
Grid 7 <b>45.0 M4</b>	Grid 8 <b>51.2 M4</b>	Grid 9 <b>49.1 M4</b>

**Cursor:**

Total = 54.0 V/m

E Category: M4

Location: -4, -9.5, 8.7 mm



0 dB = 54.0V/m

**#17 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Eighth\_Ch777\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 76.4 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.3 V/m; Power Drift = 0.081 dB

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

Peak E-field in V/m

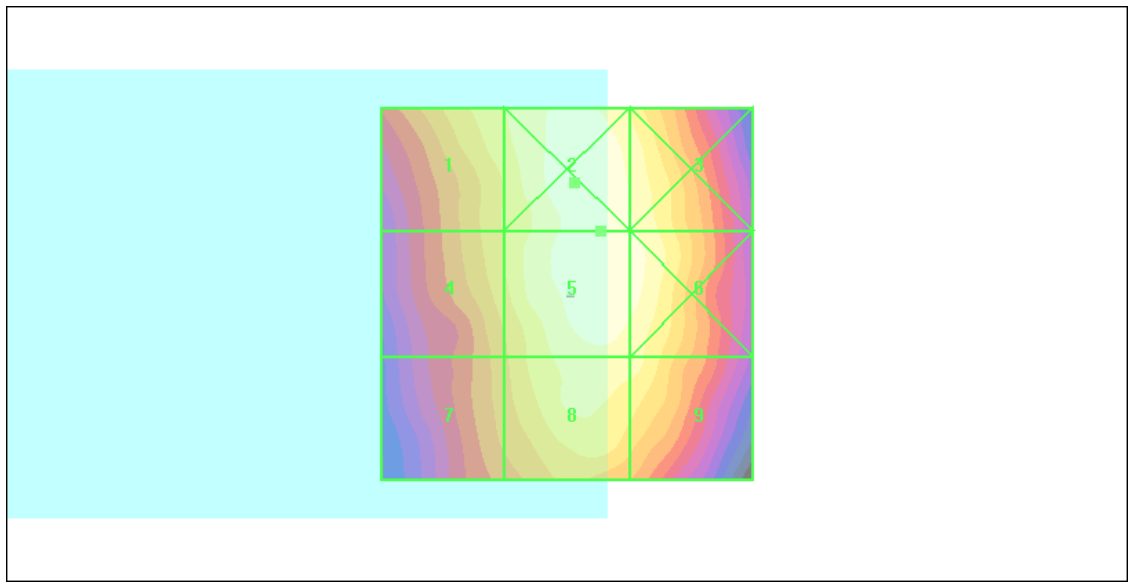
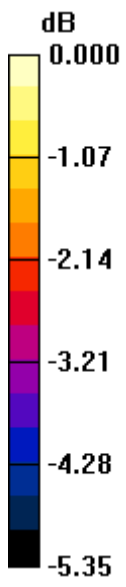
Grid 1 <b>70.7 M4</b>	Grid 2 <b>77.1 M4</b>	Grid 3 <b>74.7 M4</b>
Grid 4 <b>68.3 M4</b>	Grid 5 <b>76.4 M4</b>	Grid 6 <b>75.7 M4</b>
Grid 7 <b>64.8 M4</b>	Grid 8 <b>72.9 M4</b>	Grid 9 <b>72.3 M4</b>

**Cursor:**

Total = 77.1 V/m

E Category: M4

Location: -1, -15, 8.7 mm



0 dB = 77.1V/m

**#18 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Eighth\_Ch384\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 64.7 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 28.0 V/m; Power Drift = -0.152 dB

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

Peak E-field in V/m

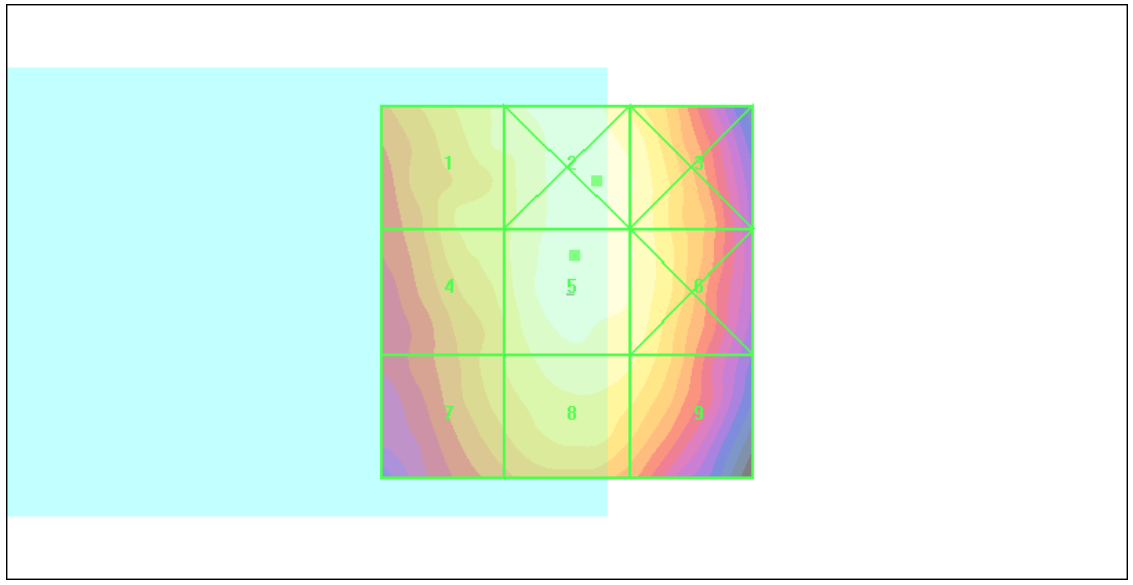
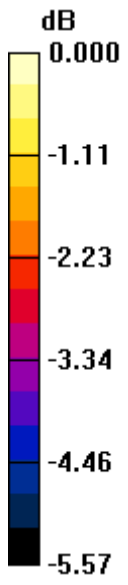
Grid 1 <b>60.8 M4</b>	Grid 2 <b>65.1 M4</b>	Grid 3 <b>62.7 M4</b>
Grid 4 <b>59.3 M4</b>	Grid 5 <b>64.7 M4</b>	Grid 6 <b>62.6 M4</b>
Grid 7 <b>57.3 M4</b>	Grid 8 <b>62.0 M4</b>	Grid 9 <b>60.4 M4</b>

**Cursor:**

Total = 65.1 V/m

E Category: M4

Location: -4, -15, 8.7 mm



0 dB = 65.1V/m



**#19 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Eighth\_Ch1013\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.8 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 21.1 V/m; Power Drift = 0.062 dB

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

Peak E-field in V/m

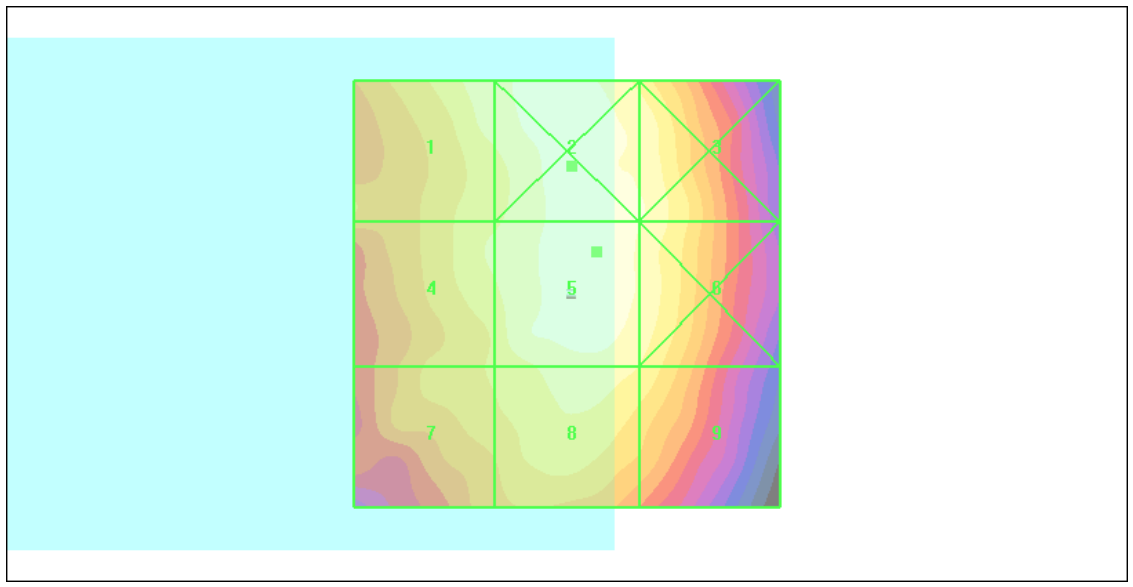
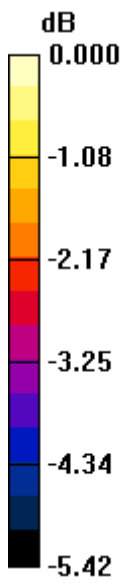
Grid 1 <b>47.8 M4</b>	Grid 2 <b>50.3 M4</b>	Grid 3 <b>48.5 M4</b>
Grid 4 <b>46.7 M4</b>	Grid 5 <b>49.8 M4</b>	Grid 6 <b>48.4 M4</b>
Grid 7 <b>44.7 M4</b>	Grid 8 <b>47.7 M4</b>	Grid 9 <b>46.2 M4</b>

**Cursor:**

Total = 50.3 V/m

E Category: M4

Location: -0.5, -15, 8.7 mm



0 dB = 50.3V/m

**#20 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Eighth\_Ch777\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 73.3 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 31.0 V/m; Power Drift = 0.093 dB

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

Peak E-field in V/m

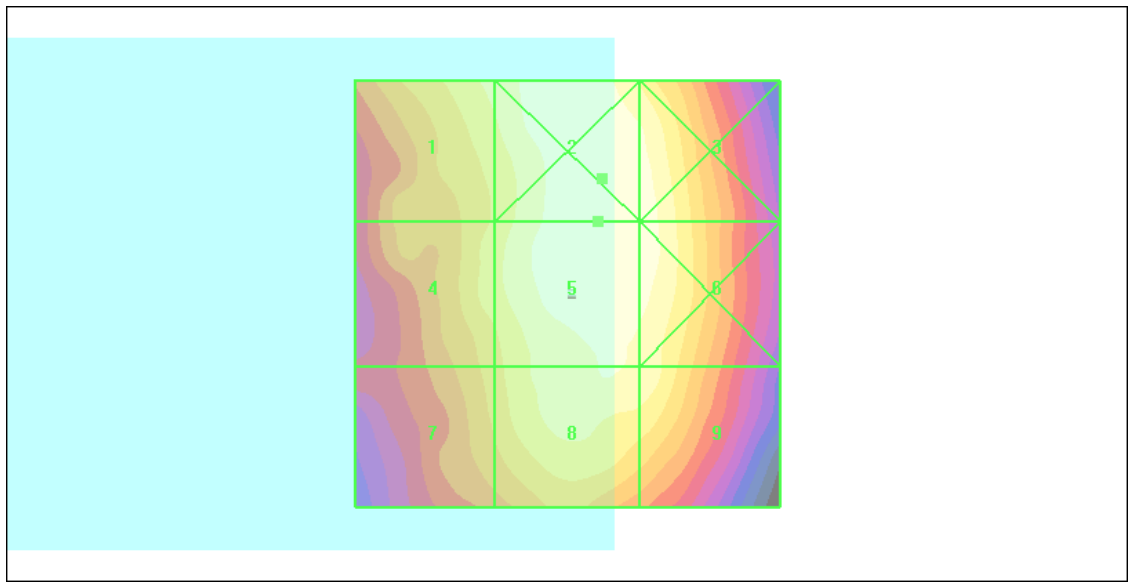
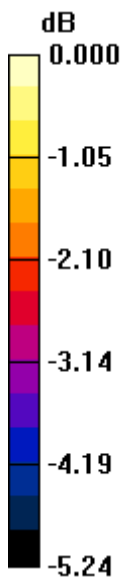
Grid 1 <b>68.8 M4</b>	Grid 2 <b>73.4 M4</b>	Grid 3 <b>72.4 M4</b>
Grid 4 <b>67.0 M4</b>	Grid 5 <b>73.3 M4</b>	Grid 6 <b>72.5 M4</b>
Grid 7 <b>64.1 M4</b>	Grid 8 <b>70.8 M4</b>	Grid 9 <b>70.1 M4</b>

**Cursor:**

Total = 73.4 V/m

E Category: M4

Location: -4, -13.5, 8.7 mm



0 dB = 73.4V/m

**#21 HAC\_E\_CDMA2000 BC1\_RC1\_SO2\_Eighth\_Ch25\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.0 V/m

Probe Modulation Factor = 3.18

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 15.3 V/m; Power Drift = -0.164 dB

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

Peak E-field in V/m

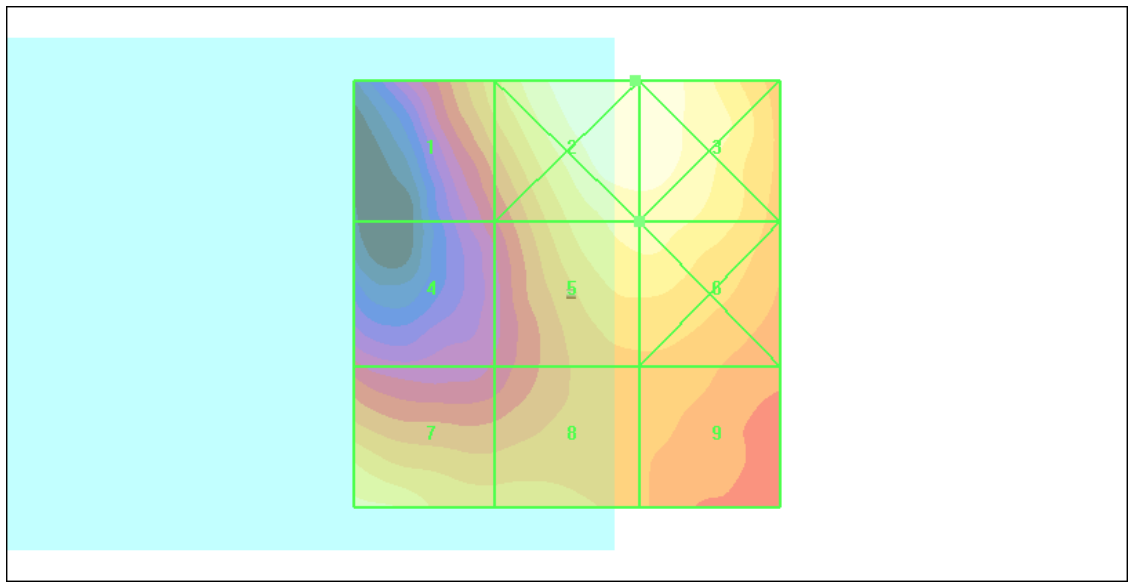
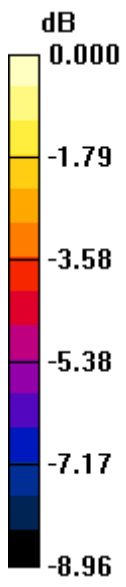
Grid 1 <b>43.4 M4</b>	Grid 2 <b>54.4 M4</b>	Grid 3 <b>54.4 M4</b>
Grid 4 <b>33.4 M4</b>	Grid 5 <b>49.0 M4</b>	Grid 6 <b>49.1 M4</b>
Grid 7 <b>48.2 M4</b>	Grid 8 <b>43.6 M4</b>	Grid 9 <b>40.6 M4</b>

**Cursor:**

Total = 54.4 V/m

E Category: M4

Location: -8, -25, 8.7 mm



0 dB = 54.4V/m

**#22 HAC\_E\_CDMA2000 BC1\_RC1\_SO2\_Eighth\_Ch600\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 50.6 V/m

Probe Modulation Factor = 3.18

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 15.7 V/m; Power Drift = 0.042 dB

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

Peak E-field in V/m

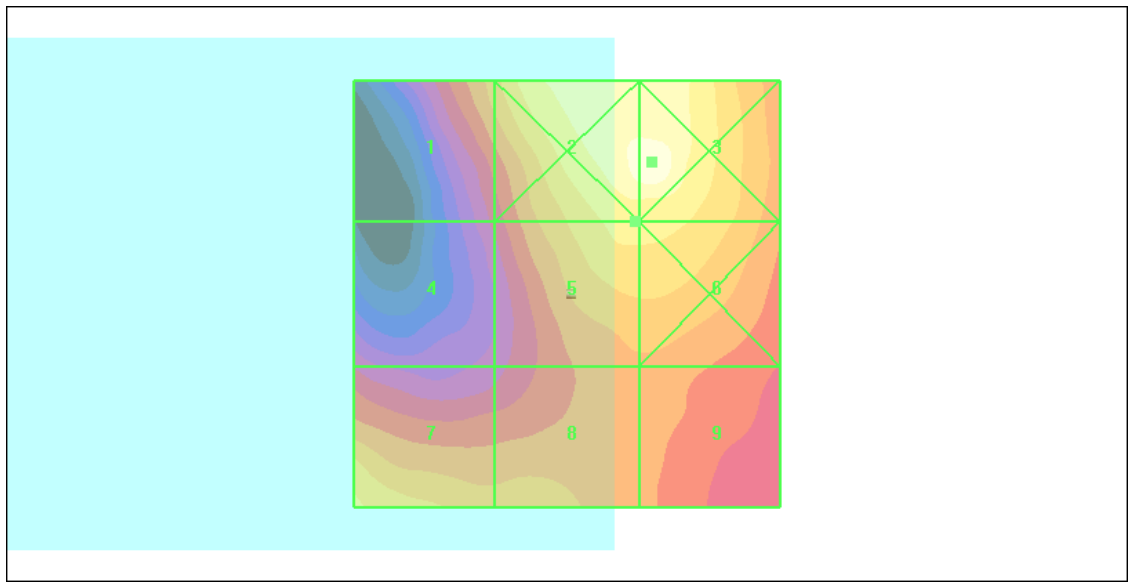
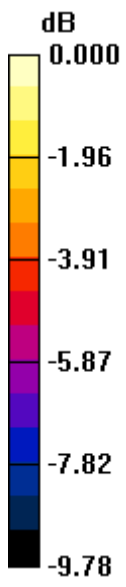
Grid 1 <b>44.3 M4</b>	Grid 2 <b>60.1 M4</b>	Grid 3 <b>61.5 M4</b>
Grid 4 <b>34.7 M4</b>	Grid 5 <b>50.6 M4</b>	Grid 6 <b>50.6 M4</b>
Grid 7 <b>50.0 M4</b>	Grid 8 <b>43.9 M4</b>	Grid 9 <b>41.7 M4</b>

**Cursor:**

Total = 61.5 V/m

E Category: M4

Location: -10, -15.5, 8.7 mm



0 dB = 61.5V/m



**#23 HAC\_E\_CDMA2000 BC1\_RC1\_SO2\_Eighth\_Ch1175\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.9 V/m

Probe Modulation Factor = 3.18

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 14.6 V/m; Power Drift = 0.064 dB

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

Peak E-field in V/m

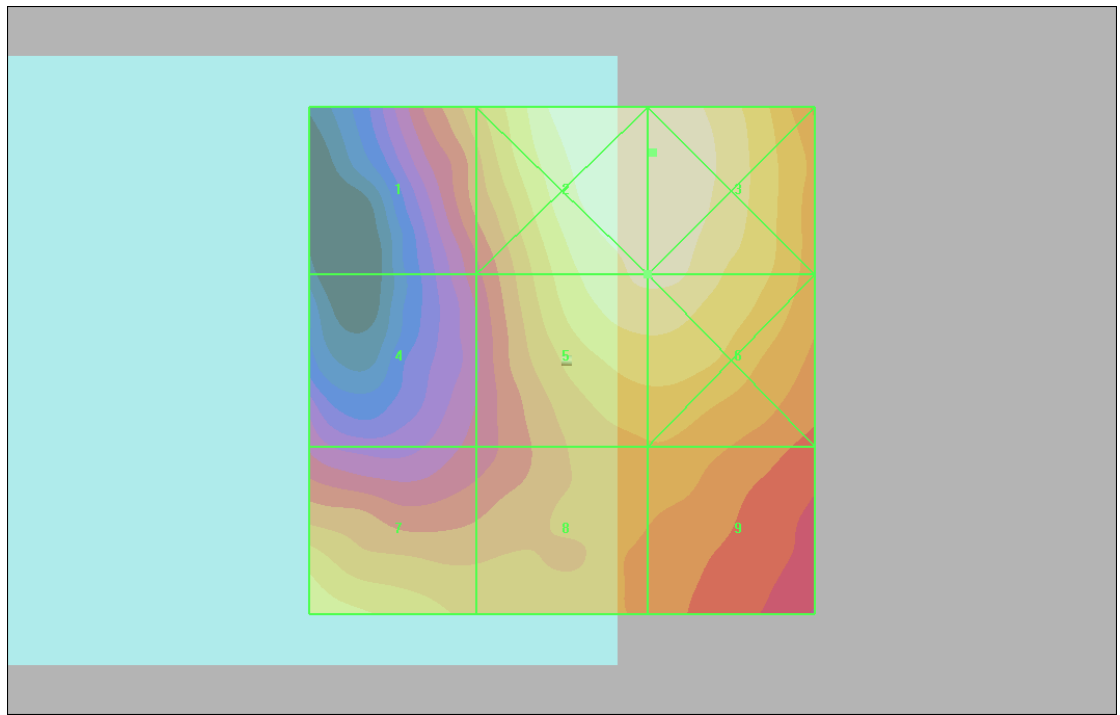
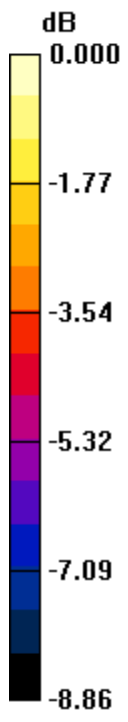
Grid 1 <b>39.0 M4</b>	Grid 2 <b>51.9 M4</b>	Grid 3 <b>51.9 M4</b>
Grid 4 <b>31.6 M4</b>	Grid 5 <b>49.9 M4</b>	Grid 6 <b>50.3 M4</b>
Grid 7 <b>44.1 M4</b>	Grid 8 <b>39.4 M4</b>	Grid 9 <b>39.4 M4</b>

**Cursor:**

Total = 51.9 V/m

E Category: M4

Location: -9, -20.5, 8.7 mm



0 dB = 51.9V/m

**#24 HAC\_E\_CDMA2000 BC1\_RC1\_SO2\_Eighth\_Ch25\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 50.1 V/m

Probe Modulation Factor = 3.18

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 15.3 V/m; Power Drift = 0.074 dB

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

Peak E-field in V/m

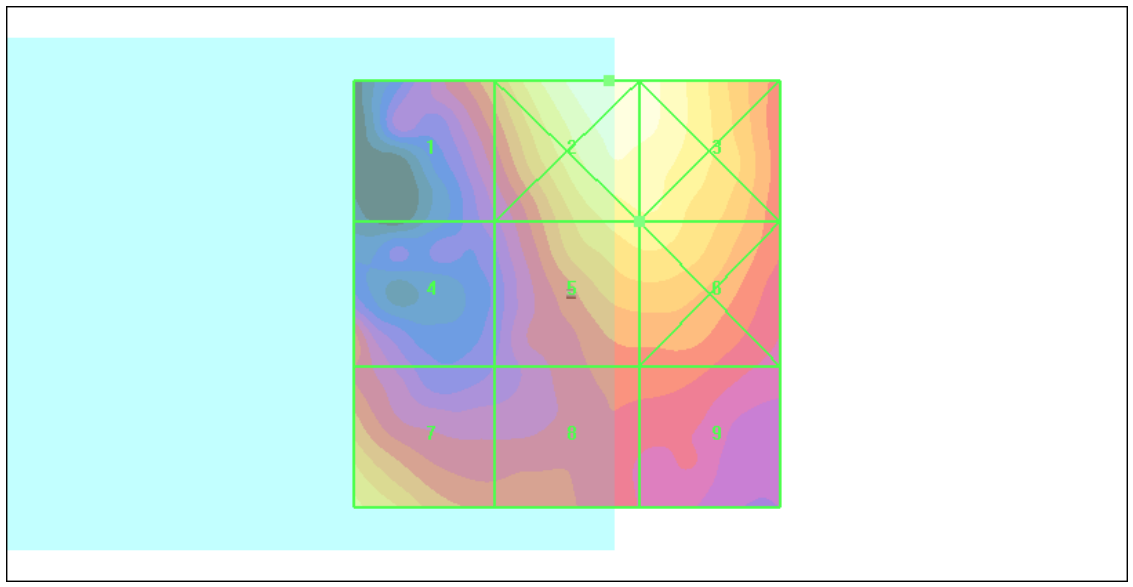
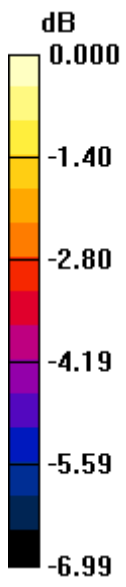
Grid 1 <b>43.3 M4</b>	Grid 2 <b>56.5 M4</b>	Grid 3 <b>55.2 M4</b>
Grid 4 <b>40.8 M4</b>	Grid 5 <b>50.1 M4</b>	Grid 6 <b>50.2 M4</b>
Grid 7 <b>49.0 M4</b>	Grid 8 <b>40.5 M4</b>	Grid 9 <b>40.4 M4</b>

**Cursor:**

Total = 56.5 V/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 56.5V/m

**#25 HAC\_E\_CDMA2000 BC1\_RC1\_SO2\_Eighth\_Ch600\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 53.2 V/m

Probe Modulation Factor = 3.18

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 15.9 V/m; Power Drift = 0.115 dB

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

Peak E-field in V/m

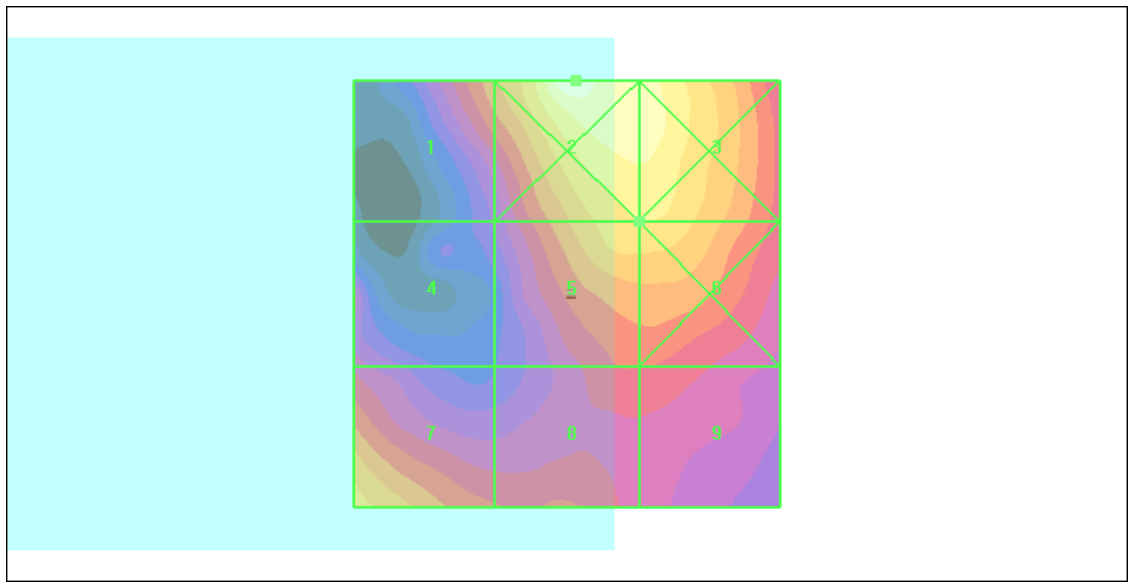
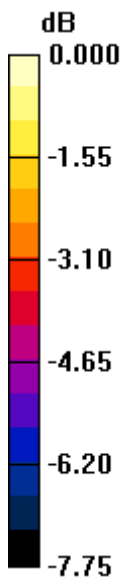
Grid 1 <b>46.9 M4</b>	Grid 2 <b>63.6 M3</b>	Grid 3 <b>58.5 M4</b>
Grid 4 <b>39.1 M4</b>	Grid 5 <b>53.2 M4</b>	Grid 6 <b>53.3 M4</b>
Grid 7 <b>51.6 M4</b>	Grid 8 <b>42.7 M4</b>	Grid 9 <b>42.1 M4</b>

**Cursor:**

Total = 63.6 V/m

E Category: M3

Location: -1, -25, 8.7 mm



0 dB = 63.6V/m

**#26 HAC\_E\_CDMA2000 BC1\_RC1\_SO2\_Eighth\_Ch1175\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.9 V/m

Probe Modulation Factor = 3.18

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 15.0 V/m; Power Drift = -0.192 dB

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

Peak E-field in V/m

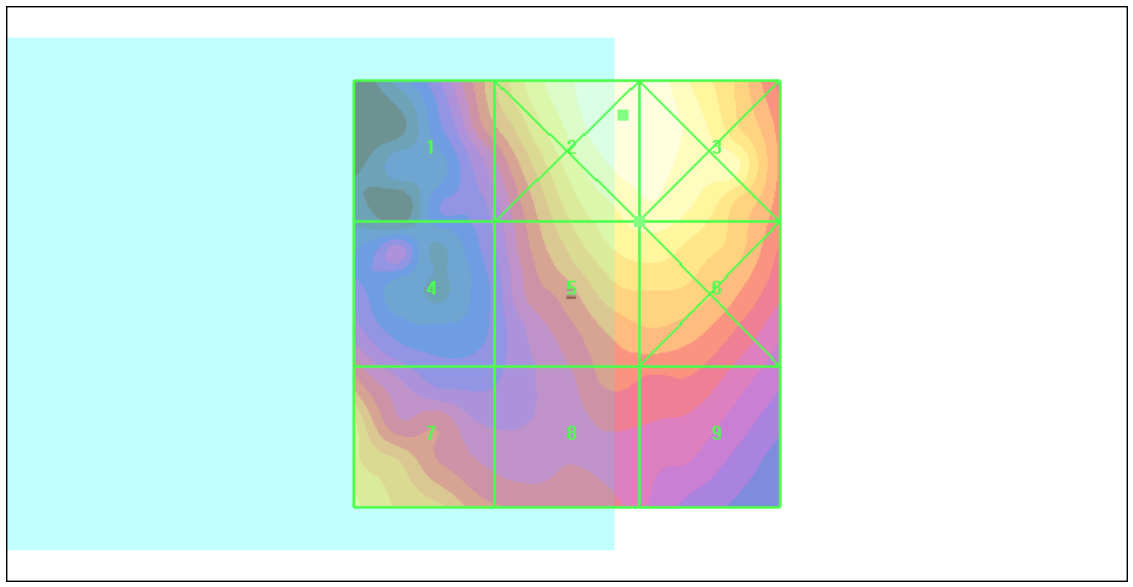
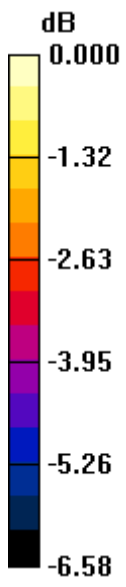
Grid 1 <b>42.0 M4</b>	Grid 2 <b>54.2 M4</b>	Grid 3 <b>53.9 M4</b>
Grid 4 <b>37.3 M4</b>	Grid 5 <b>49.9 M4</b>	Grid 6 <b>50.1 M4</b>
Grid 7 <b>47.1 M4</b>	Grid 8 <b>39.3 M4</b>	Grid 9 <b>39.0 M4</b>

**Cursor:**

Total = 54.2 V/m

E Category: M4

Location: -6.5, -21, 8.7 mm



0 dB = 54.2V/m



**#27 HAC\_H\_CDMA2000 BC0\_RC1 SO2\_Eighth\_Ch384\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch/384Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.115 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.019 A/m; Power Drift = 0.273 dB

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

Peak H-field in A/m

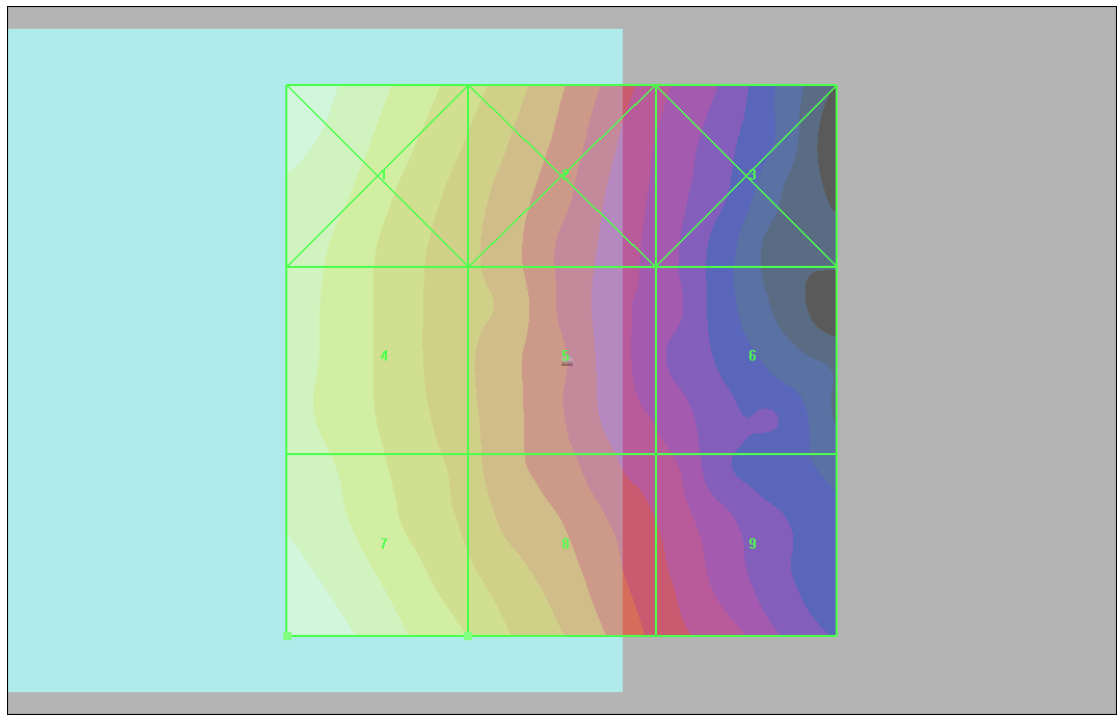
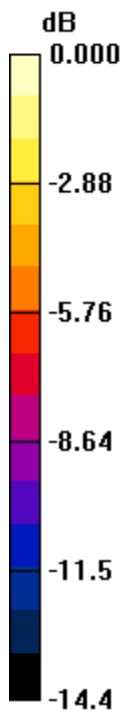
Grid 1 <b>0.112 M4</b>	Grid 2 <b>0.077 M4</b>	Grid 3 <b>0.045 M4</b>
Grid 4 <b>0.099 M4</b>	Grid 5 <b>0.069 M4</b>	Grid 6 <b>0.044 M4</b>
Grid 7 <b>0.115 M4</b>	Grid 8 <b>0.082 M4</b>	Grid 9 <b>0.052 M4</b>

**Cursor:**

Total = 0.115 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.115A/m

**#28 HAC\_H\_CDMA2000 BC0\_RC1 SO2\_Eighth\_Ch1013\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**1013Ch/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.090 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.015 A/m; Power Drift = -0.086 dB

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

Peak H-field in A/m

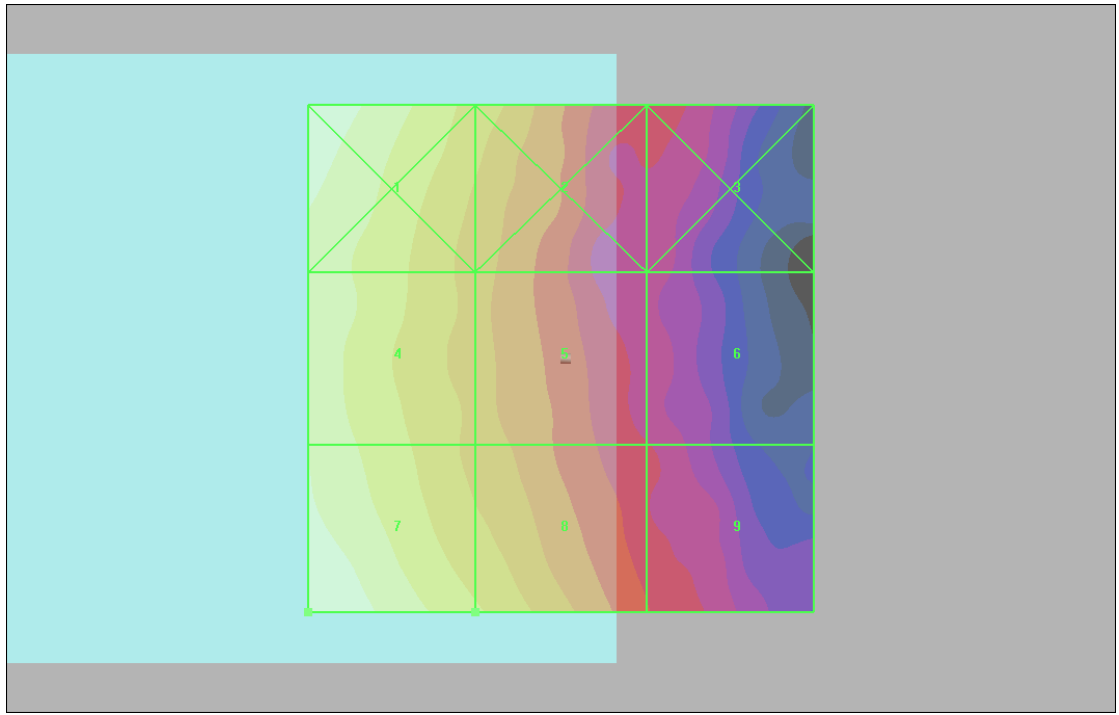
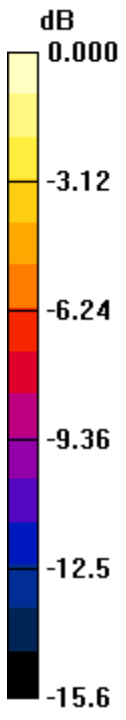
Grid 1 <b>0.090 M4</b>	Grid 2 <b>0.060 M4</b>	Grid 3 <b>0.038 M4</b>
Grid 4 <b>0.079 M4</b>	Grid 5 <b>0.054 M4</b>	Grid 6 <b>0.035 M4</b>
Grid 7 <b>0.090 M4</b>	Grid 8 <b>0.064 M4</b>	Grid 9 <b>0.039 M4</b>

**Cursor:**

Total = 0.090 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.090A/m

**#29 HAC\_H\_CDMA2000 BC0\_RC1 SO2\_Eighth\_Ch777\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.133 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.022 A/m; Power Drift = 0.015 dB

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

Peak H-field in A/m

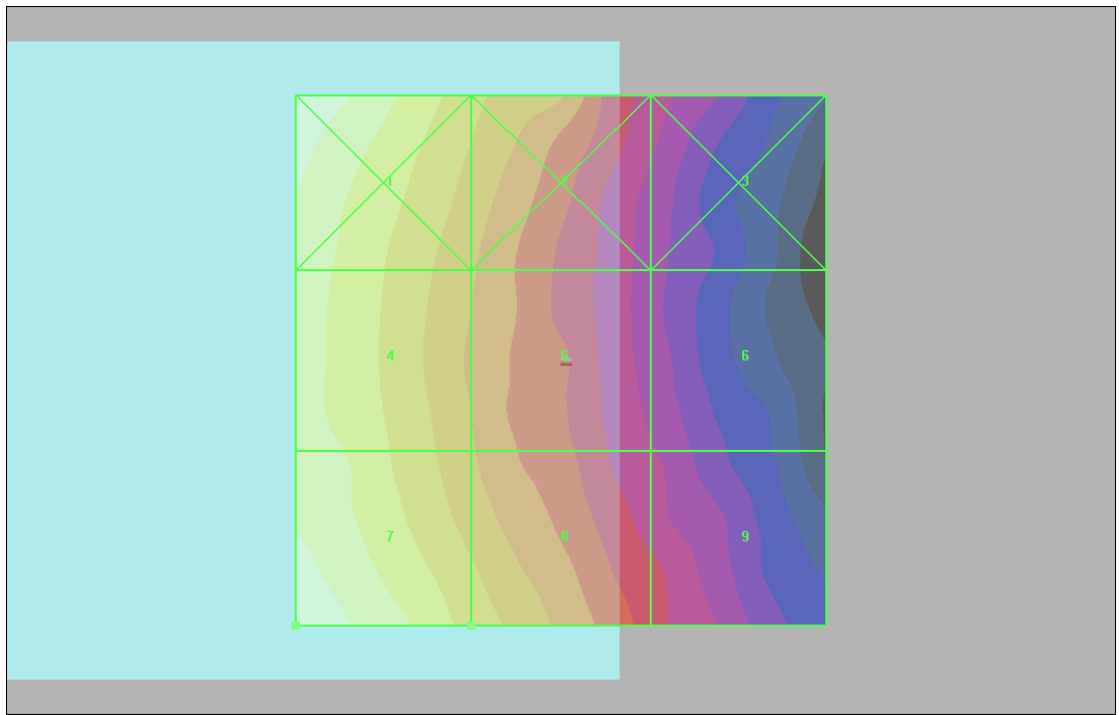
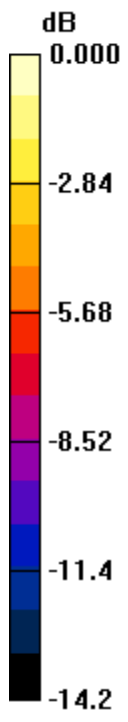
Grid 1 <b>0.129 M4</b>	Grid 2 <b>0.090 M4</b>	Grid 3 <b>0.054 M4</b>
Grid 4 <b>0.114 M4</b>	Grid 5 <b>0.078 M4</b>	Grid 6 <b>0.051 M4</b>
Grid 7 <b>0.133 M4</b>	Grid 8 <b>0.092 M4</b>	Grid 9 <b>0.059 M4</b>

**Cursor:**

Total = 0.133 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.133A/m

**#30 HAC\_H\_CDMA2000 BC0\_RC1 SO2\_Eighth\_Ch384\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.116 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.019 A/m; Power Drift = -0.037 dB

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

Peak H-field in A/m

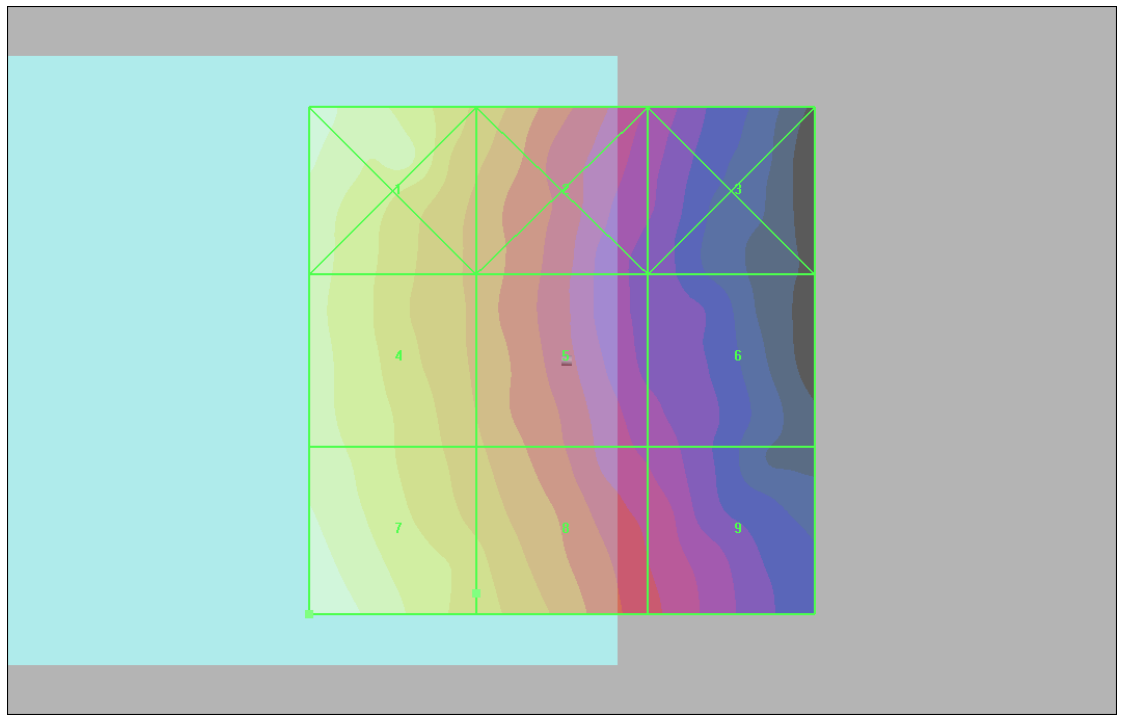
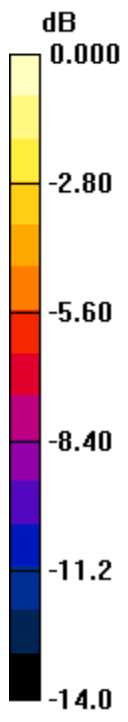
Grid 1 <b>0.111 M4</b>	Grid 2 <b>0.074 M4</b>	Grid 3 <b>0.044 M4</b>
Grid 4 <b>0.099 M4</b>	Grid 5 <b>0.070 M4</b>	Grid 6 <b>0.043 M4</b>
Grid 7 <b>0.116 M4</b>	Grid 8 <b>0.079 M4</b>	Grid 9 <b>0.051 M4</b>

**Cursor:**

Total = 0.116 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.116A/m



**#31 HAC\_H\_CDMA2000 BC0\_RC1 SO2\_Eighth\_Ch1013\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.085 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.014 A/m; Power Drift = -0.429 dB

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

Peak H-field in A/m

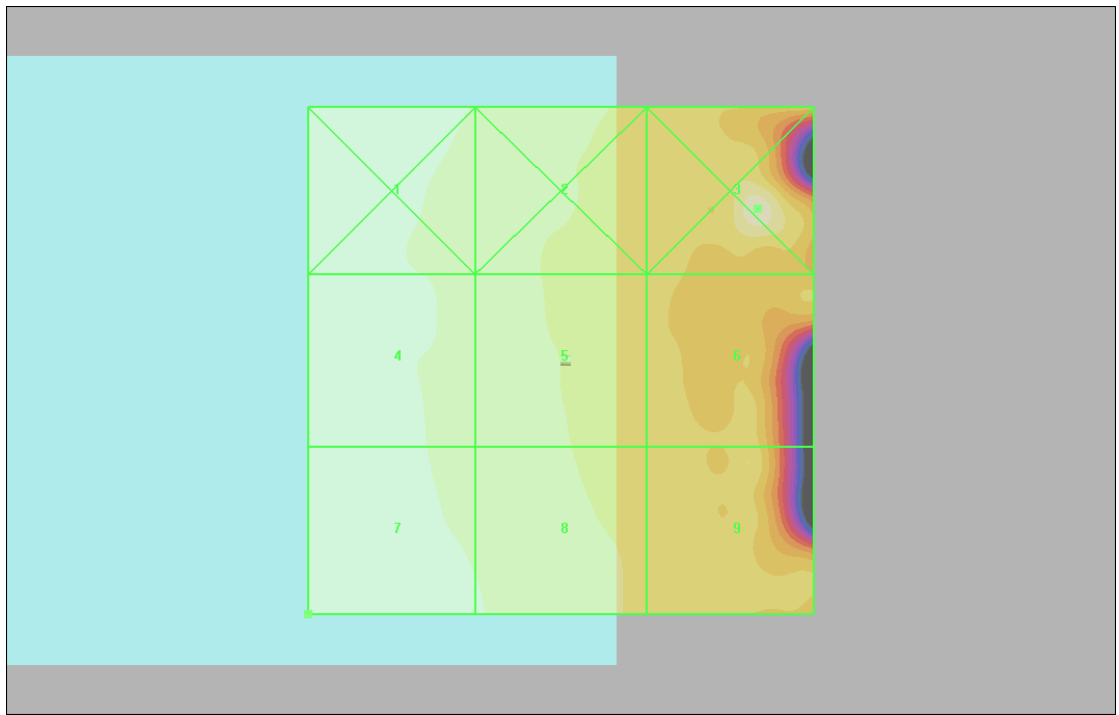
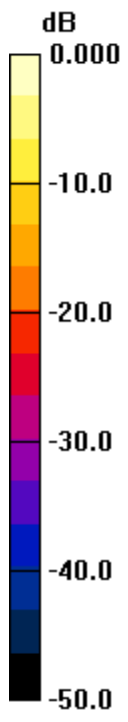
Grid 1 <b>0.083 M4</b>	Grid 2 <b>0.057 M4</b>	Grid 3 <b>0.075 M4</b>
Grid 4 <b>0.076 M4</b>	Grid 5 <b>0.050 M4</b>	Grid 6 <b>0.036 M4</b>
Grid 7 <b>0.085 M4</b>	Grid 8 <b>0.061 M4</b>	Grid 9 <b>0.040 M4</b>

**Cursor:**

Total = 0.085 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.085A/m

**#32 HAC\_H\_CDMA2000 BC0\_RC1 SO2\_Eighth\_Ch777\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.128 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.021 A/m; Power Drift = 0.333 dB

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

Peak H-field in A/m

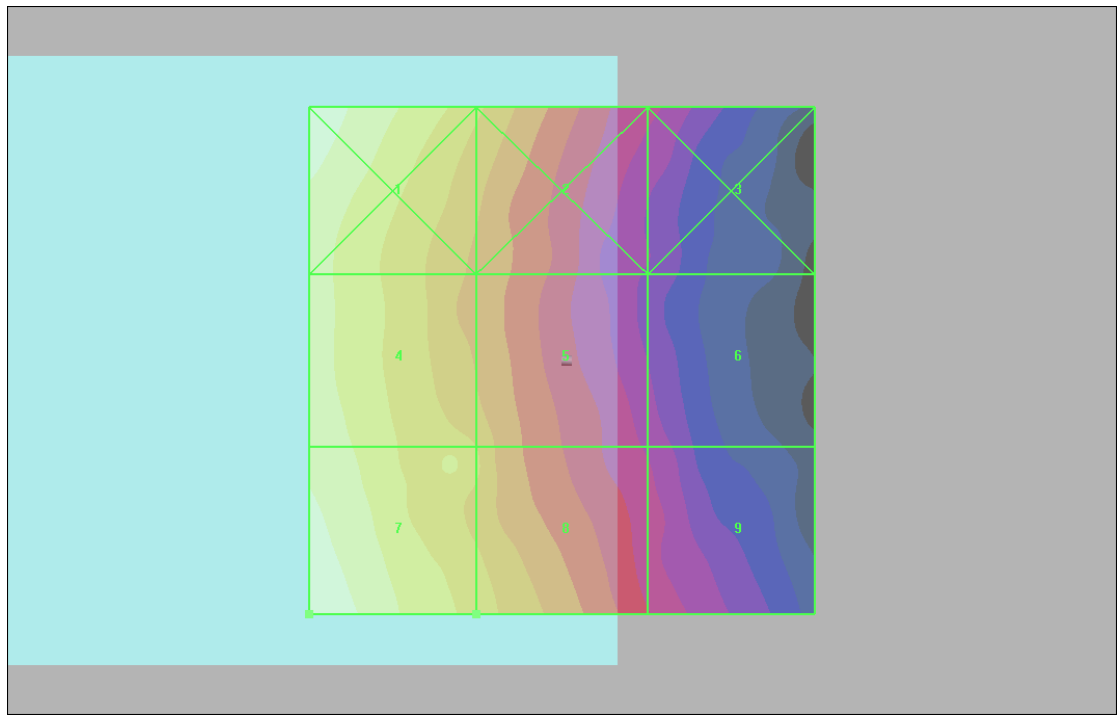
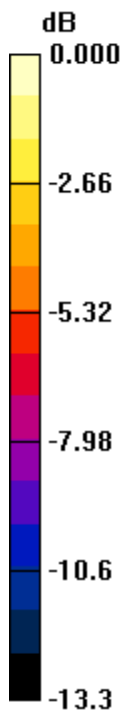
Grid 1 <b>0.126 M4</b>	Grid 2 <b>0.087 M4</b>	Grid 3 <b>0.053 M4</b>
Grid 4 <b>0.112 M4</b>	Grid 5 <b>0.085 M4</b>	Grid 6 <b>0.050 M4</b>
Grid 7 <b>0.128 M4</b>	Grid 8 <b>0.090 M4</b>	Grid 9 <b>0.057 M4</b>

**Cursor:**

Total = 0.128 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.128A/m

### #33 HAC\_H\_CDMA2000 BC1\_RC1 SO2\_Eighth\_Ch600\_Battery1

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.135 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.051 A/m; Power Drift = -0.136 dB

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

Peak H-field in A/m

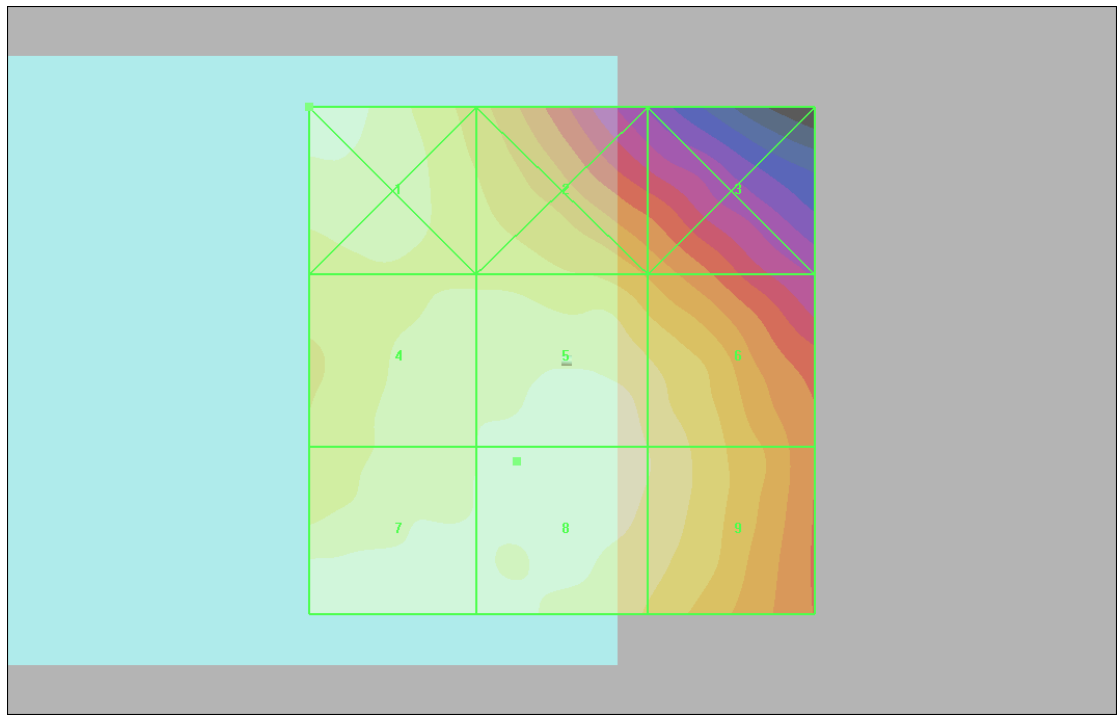
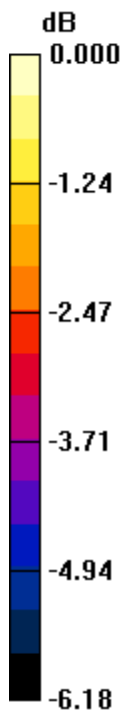
Grid 1 <b>0.135 M4</b>	Grid 2 <b>0.122 M4</b>	Grid 3 <b>0.111 M4</b>
Grid 4 <b>0.129 M4</b>	Grid 5 <b>0.133 M4</b>	Grid 6 <b>0.129 M4</b>
Grid 7 <b>0.135 M4</b>	Grid 8 <b>0.133 M4</b>	Grid 9 <b>0.129 M4</b>

**Cursor:**

Total = 0.135 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.135A/m

**#34 HAC\_H\_CDMA2000 BC1\_RC1 SO2\_Eighth\_Ch25\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.141 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.053 A/m; Power Drift = -0.004 dB

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

Peak H-field in A/m

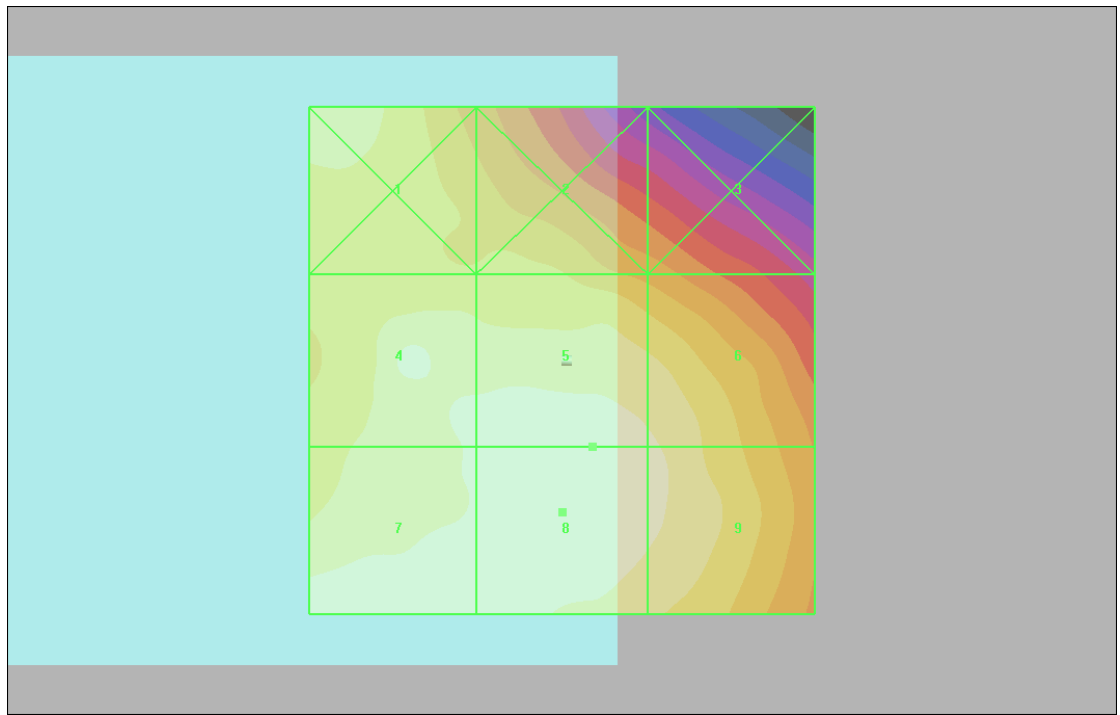
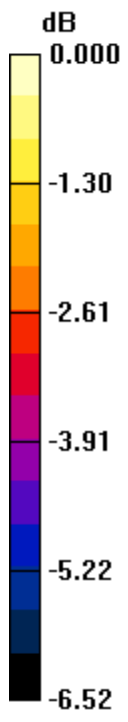
Grid 1 <b>0.134 M4</b>	Grid 2 <b>0.124 M4</b>	Grid 3 <b>0.114 M4</b>
Grid 4 <b>0.136 M4</b>	Grid 5 <b>0.138 M4</b>	Grid 6 <b>0.135 M4</b>
Grid 7 <b>0.139 M4</b>	Grid 8 <b>0.141 M4</b>	Grid 9 <b>0.136 M4</b>

**Cursor:**

Total = 0.141 A/m

H Category: M4

Location: 0, 15, 8.7 mm



0 dB = 0.141A/m



**#35 HAC\_H\_CDMA2000 BC1\_RC1 SO2\_Eighth\_Ch1175\_Battery1**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.120 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.043 A/m; Power Drift = 0.064 dB

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

Peak H-field in A/m

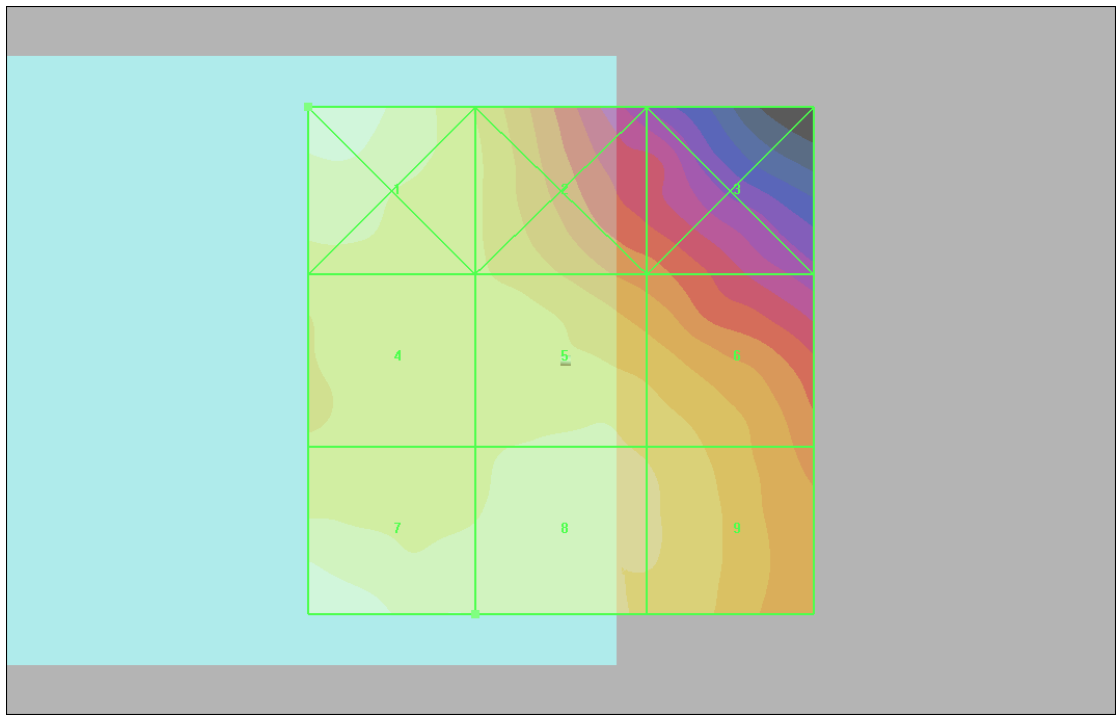
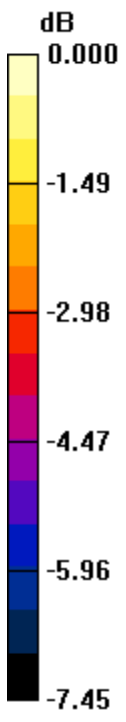
Grid 1 <b>0.123 M4</b>	Grid 2 <b>0.105 M4</b>	Grid 3 <b>0.090 M4</b>
Grid 4 <b>0.108 M4</b>	Grid 5 <b>0.111 M4</b>	Grid 6 <b>0.109 M4</b>
Grid 7 <b>0.120 M4</b>	Grid 8 <b>0.116 M4</b>	Grid 9 <b>0.111 M4</b>

**Cursor:**

Total = 0.123 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.123A/m

**#36 HAC\_H\_CDMA2000 BC1\_RC1 SO2\_Eighth\_Ch600\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.123 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.046 A/m; Power Drift = -0.122 dB

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

Peak H-field in A/m

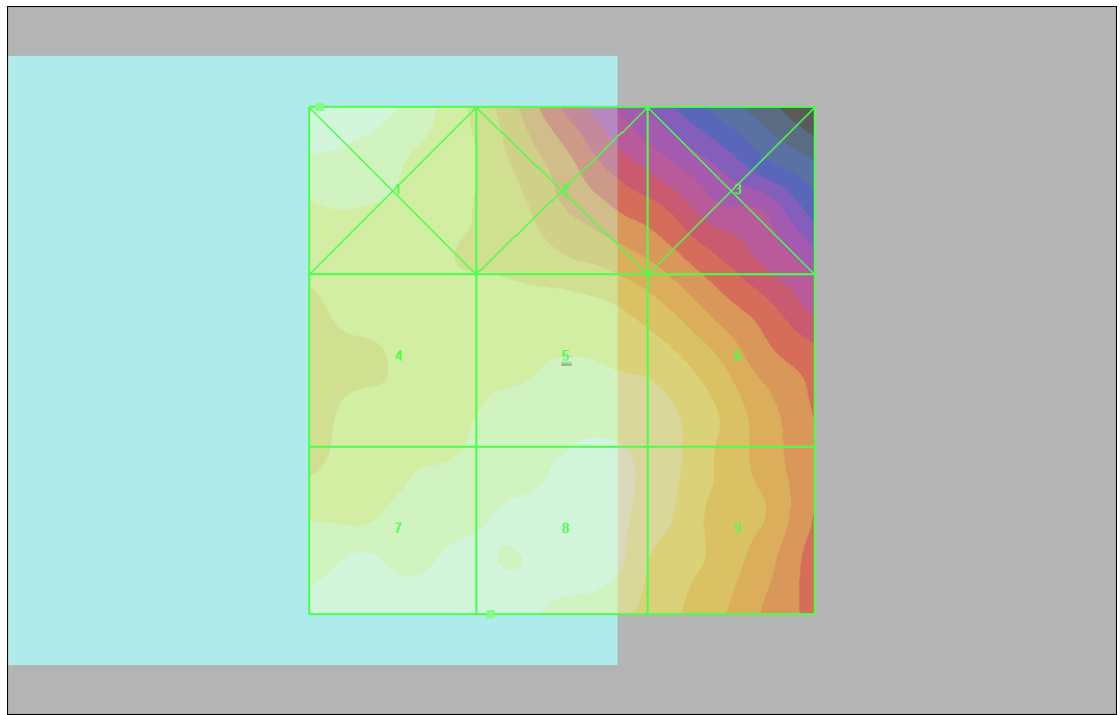
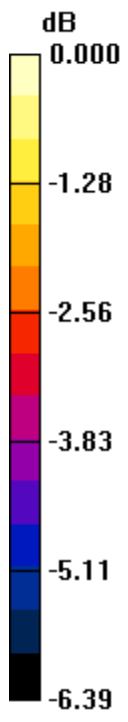
Grid 1 <b>0.125 M4</b>	Grid 2 <b>0.108 M4</b>	Grid 3 <b>0.100 M4</b>
Grid 4 <b>0.114 M4</b>	Grid 5 <b>0.120 M4</b>	Grid 6 <b>0.117 M4</b>
Grid 7 <b>0.123 M4</b>	Grid 8 <b>0.123 M4</b>	Grid 9 <b>0.118 M4</b>

**Cursor:**

Total = 0.125 A/m

H Category: M4

Location: 24, -25, 8.7 mm



0 dB = 0.125A/m

**#37 HAC\_H\_CDMA2000 BC1\_RC1 SO2\_Eighth\_Ch25\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.139 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.046 A/m; Power Drift = 0.116 dB

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

Peak H-field in A/m

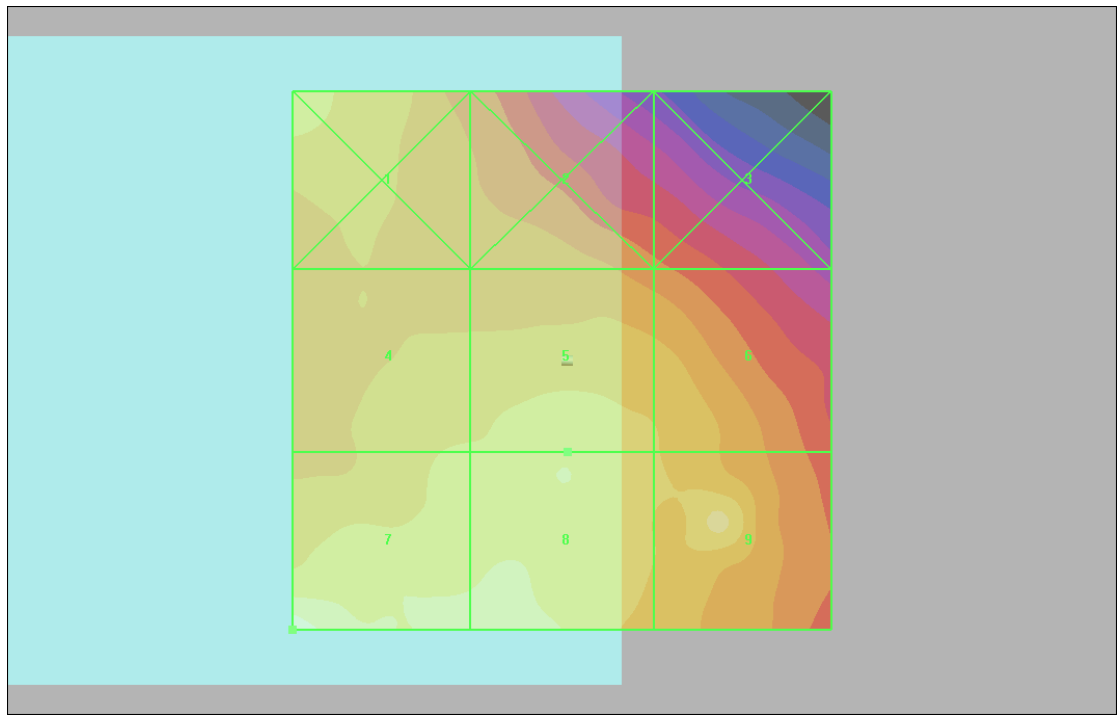
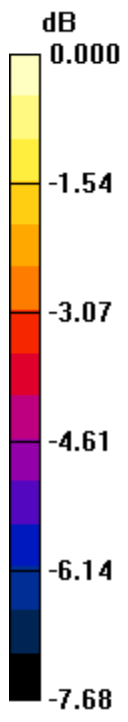
Grid 1 <b>0.121 M4</b>	Grid 2 <b>0.108 M4</b>	Grid 3 <b>0.100 M4</b>
Grid 4 <b>0.117 M4</b>	Grid 5 <b>0.122 M4</b>	Grid 6 <b>0.117 M4</b>
Grid 7 <b>0.139 M4</b>	Grid 8 <b>0.125 M4</b>	Grid 9 <b>0.125 M4</b>

**Cursor:**

Total = 0.139 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.139A/m

**#38 HAC\_H\_CDMA2000 BC1\_RC1 SO2\_Eighth\_Ch1175\_Battery2**

**DUT: 040231-01**

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

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.108 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.036 A/m; Power Drift = 0.314 dB

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

Peak H-field in A/m

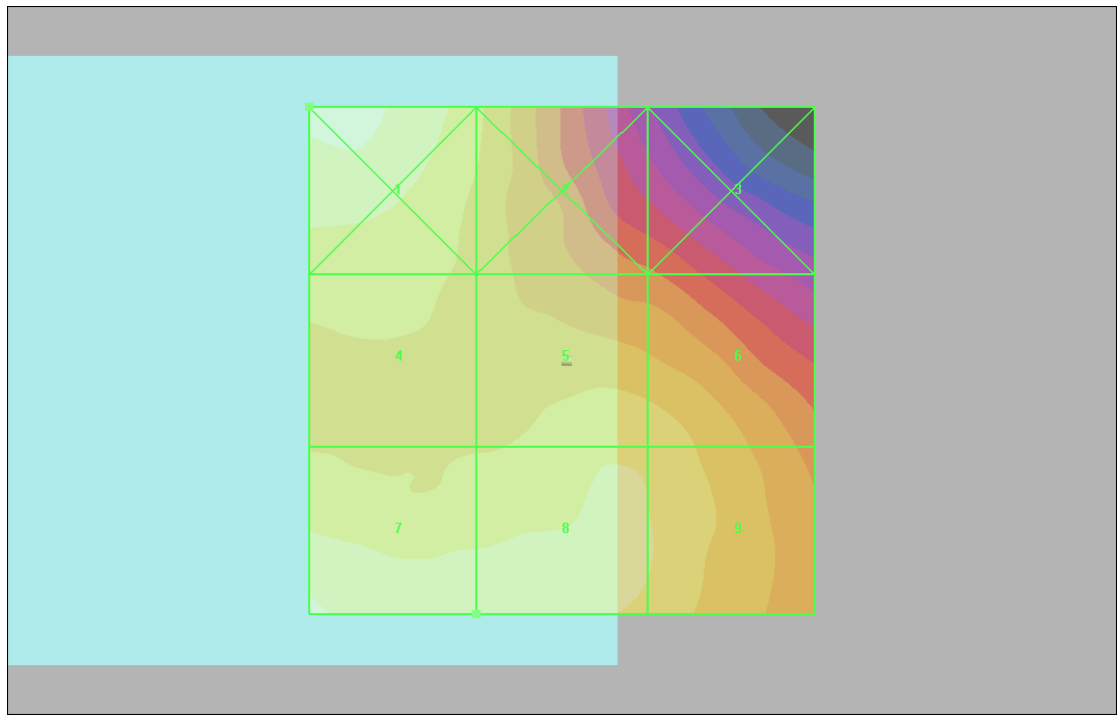
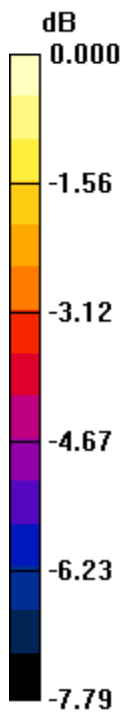
Grid 1 <b>0.113 M4</b>	Grid 2 <b>0.096 M4</b>	Grid 3 <b>0.080 M4</b>
Grid 4 <b>0.097 M4</b>	Grid 5 <b>0.099 M4</b>	Grid 6 <b>0.099 M4</b>
Grid 7 <b>0.108 M4</b>	Grid 8 <b>0.105 M4</b>	Grid 9 <b>0.101 M4</b>

**Cursor:**

Total = 0.113 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.113A/m