

**#06 HAC\_E\_GSM850\_Ch128\_Battery1\_Sample1**

**DUT: 0D1442**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH128/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 204.9 V/m

Probe Modulation Factor = 2.6

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 100.2 V/m; Power Drift = -0.066 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

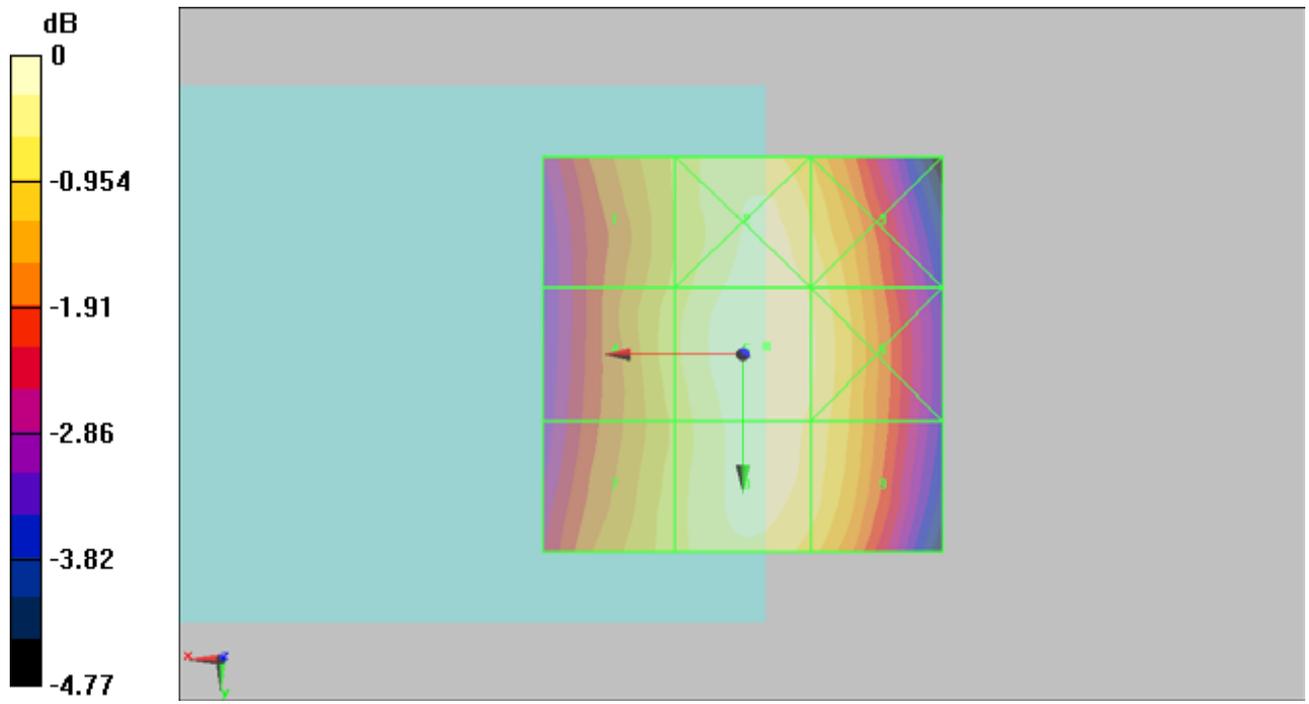
Grid 1 <b>185.9 M3</b>	Grid 2 <b>201.9 M3</b>	Grid 3 <b>196.2 M3</b>
Grid 4 <b>189.1 M3</b>	Grid 5 <b>204.9 M3</b>	Grid 6 <b>198.9 M3</b>
Grid 7 <b>187.9 M3</b>	Grid 8 <b>201.5 M3</b>	Grid 9 <b>196.2 M3</b>

**Cursor:**

Total = 204.9 V/m

E Category: M3

Location: -3, -1, 8.7 mm



0 dB = 204.9V/m

**#07 HAC\_E\_GSM850\_Ch189\_Battery1\_Sample1**

**DUT: 0D1442**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 224

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 205.1 V/m

Probe Modulation Factor = 2.6

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 99.5 V/m; Power Drift = -0.051 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

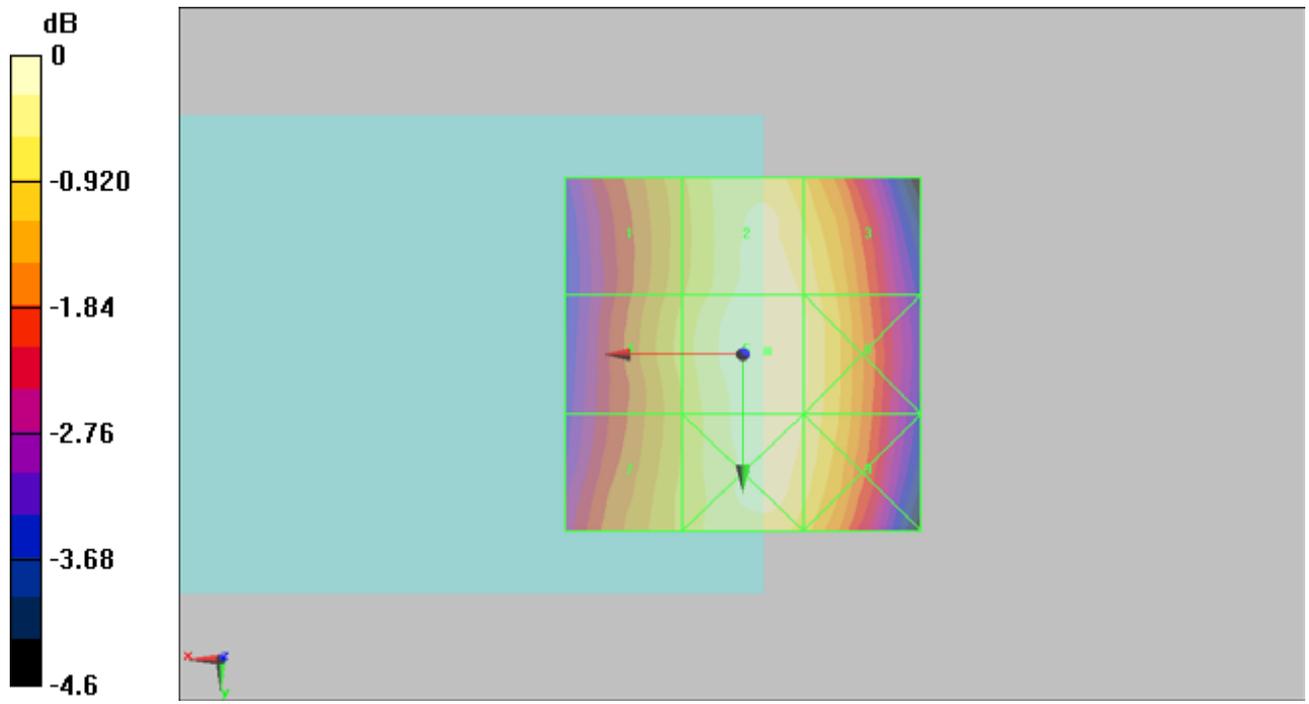
Grid 1 <b>183.8 M3</b>	Grid 2 <b>202.5 M3</b>	Grid 3 <b>196.9 M3</b>
Grid 4 <b>187.6 M3</b>	Grid 5 <b>205.1 M3</b>	Grid 6 <b>199.2 M3</b>
Grid 7 <b>186.3 M3</b>	Grid 8 <b>203.6 M3</b>	Grid 9 <b>198.0 M3</b>

**Cursor:**

Total = 205.1 V/m

E Category: M3

Location: -3.5, -0.5, 8.7 mm



0 dB = 205.1V/m

**#08 HAC\_E\_GSM850\_Ch251\_Battery1\_Sample1**

**DUT: 0D1442**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 211.0 V/m

Probe Modulation Factor = 2.6

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 102.6 V/m; Power Drift = 0.035 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

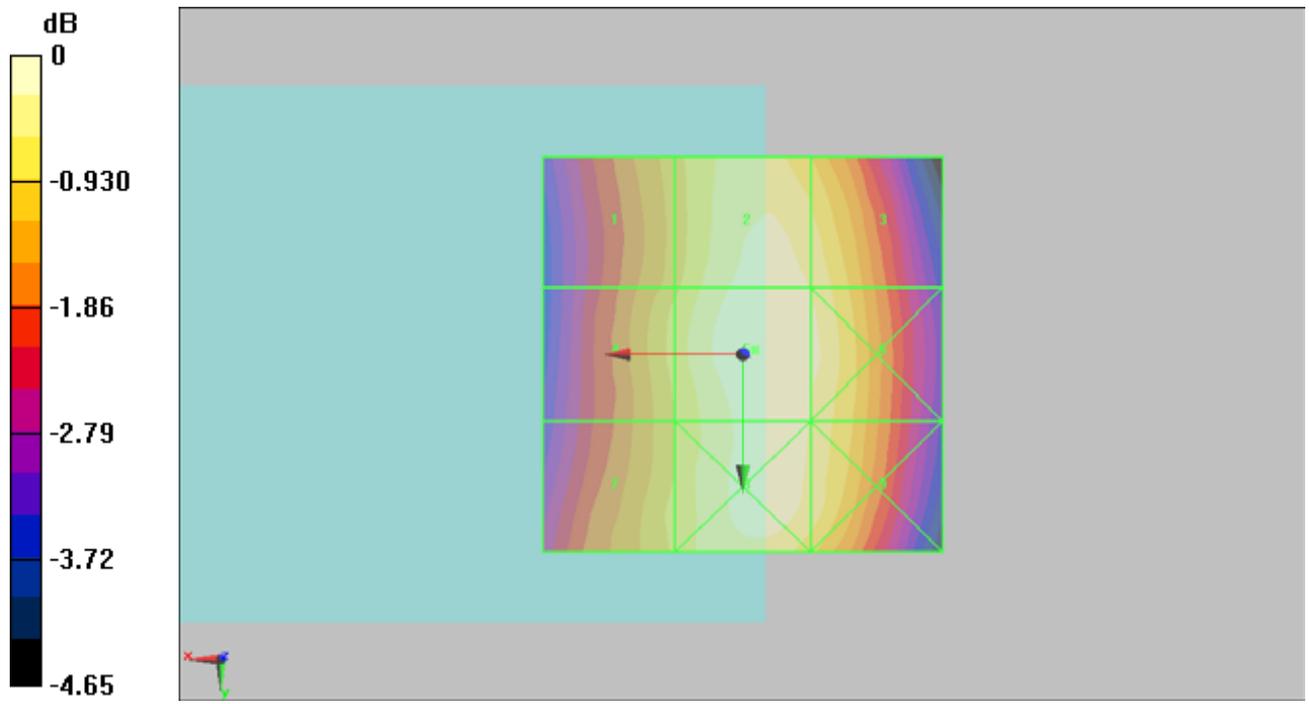
Grid 1 <b>187.9 M3</b>	Grid 2 <b>207.8 M3</b>	Grid 3 <b>203.1 M3</b>
Grid 4 <b>192.6 M3</b>	Grid 5 <b>211.0 M3</b>	Grid 6 <b>206.1 M3</b>
Grid 7 <b>191.9 M3</b>	Grid 8 <b>208.4 M3</b>	Grid 9 <b>203.2 M3</b>

**Cursor:**

Total = 211.0 V/m

E Category: M3

Location: -1.5, -0.5, 8.7 mm



0 dB = 211.0V/m

**#05 HAC\_E\_GSM1900\_Ch512\_Battery1\_Sample1****DUT: 0D1442**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.5

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH512/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 75.2 V/m

Probe Modulation Factor = 2.66

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.2 V/m; Power Drift = 0.106 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

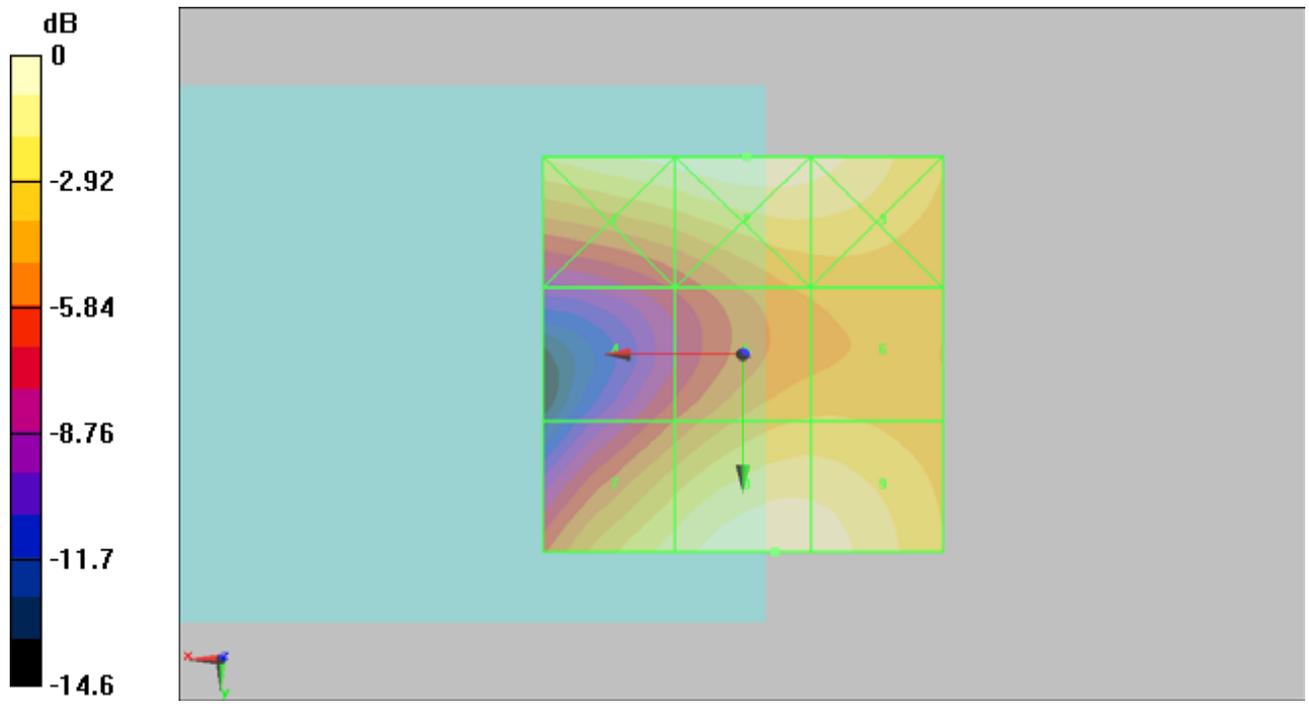
Grid 1 <b>72.3 M3</b>	Grid 2 <b>76.8 M3</b>	Grid 3 <b>73 M3</b>
Grid 4 <b>39.6 M4</b>	Grid 5 <b>55.6 M3</b>	Grid 6 <b>55.9 M3</b>
Grid 7 <b>65.2 M3</b>	Grid 8 <b>75.2 M3</b>	Grid 9 <b>74 M3</b>

**Cursor:**

Total = 76.8 V/m

E Category: M3

Location: -0.5, -25, 8.7 mm



0 dB = 76.8V/m

**#01 HAC\_E\_GSM1900\_Ch661\_Battery1\_Sample1**

**DUT: 0D1442**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH661/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 78.7 V/m

Probe Modulation Factor = 2.66

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.2 V/m; Power Drift = 0.027 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

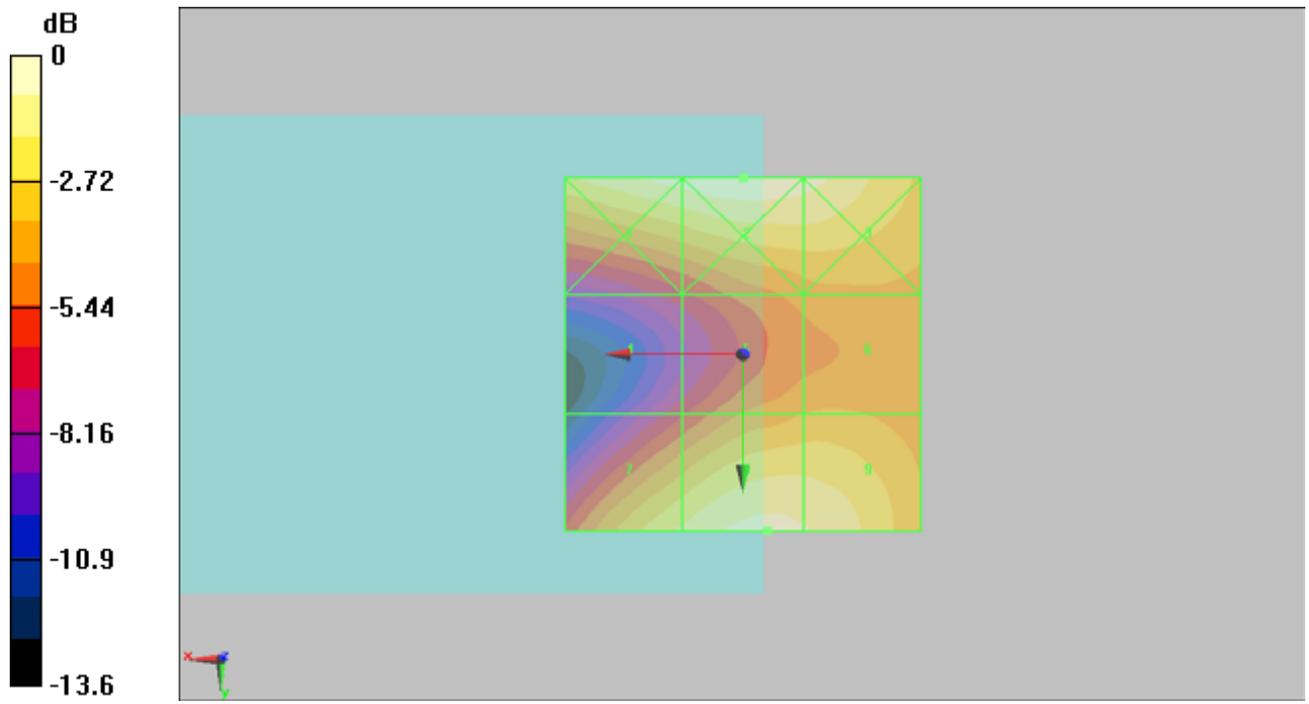
Grid 1	Grid 2	Grid 3
<b>79.9 M3</b>	<b>83.9 M3</b>	<b>79.5 M3</b>
Grid 4	Grid 5	Grid 6
<b>40 M4</b>	<b>55.5 M3</b>	<b>56.4 M3</b>
Grid 7	Grid 8	Grid 9
<b>69.4 M3</b>	<b>78.7 M3</b>	<b>76.4 M3</b>

**Cursor:**

Total = 83.9 V/m

E Category: M3

Location: 0, -25, 8.7 mm



0 dB = 83.9V/m

**#05 HAC\_E\_GSM1900\_Ch810\_Battery1\_Sample1****DUT: 0D1442**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH810/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 58.3 V/m

Probe Modulation Factor = 2.66

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.5 V/m; Power Drift = 0.422 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

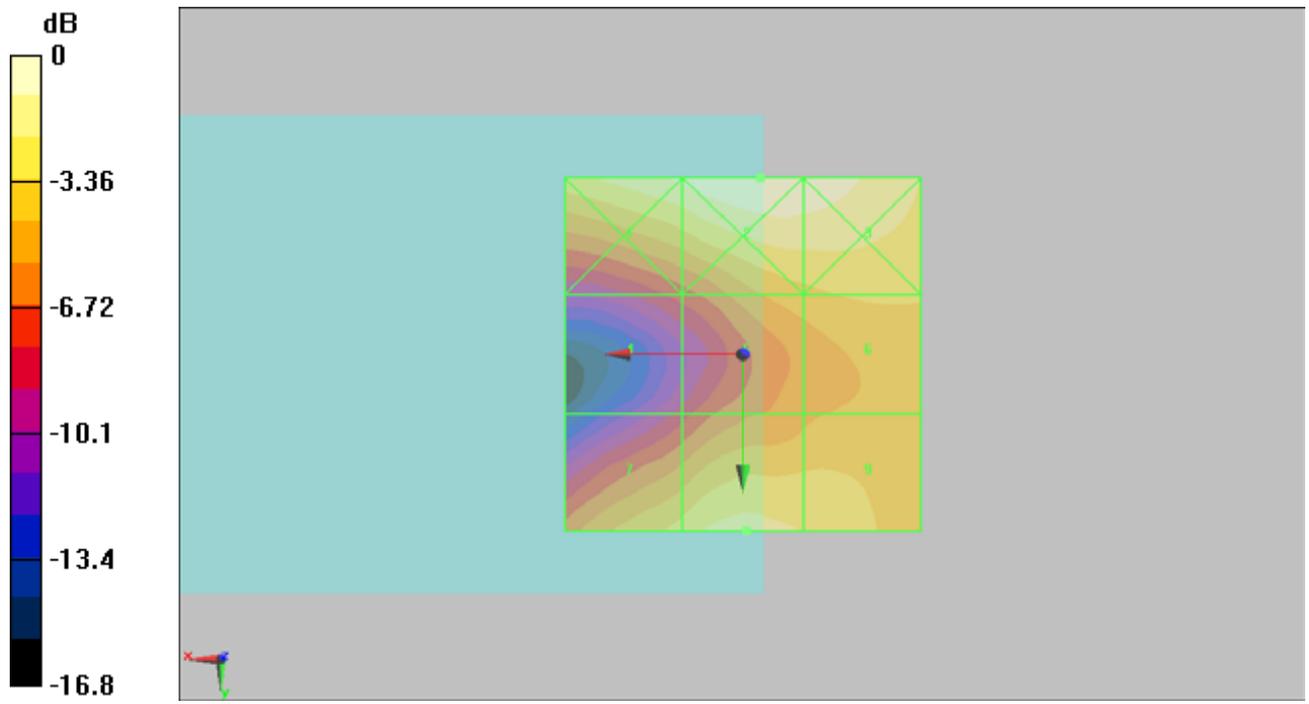
Grid 1 <b>65.3 M3</b>	Grid 2 <b>72 M3</b>	Grid 3 <b>69.9 M3</b>
Grid 4 <b>31.3 M4</b>	Grid 5 <b>47 M4</b>	Grid 6 <b>49.9 M3</b>
Grid 7 <b>51.6 M3</b>	Grid 8 <b>58.3 M3</b>	Grid 9 <b>55.4 M3</b>

**Cursor:**

Total = 72 V/m

E Category: M3

Location: -2.5, -25, 8.7 mm



0 dB = 72V/m

**#10 HAC\_E\_WCDMA V\_RMC12.2k\_4132\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 826.4 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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 55.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 69.9 V/m; Power Drift = 0.080 dB

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

Peak E-field in V/m

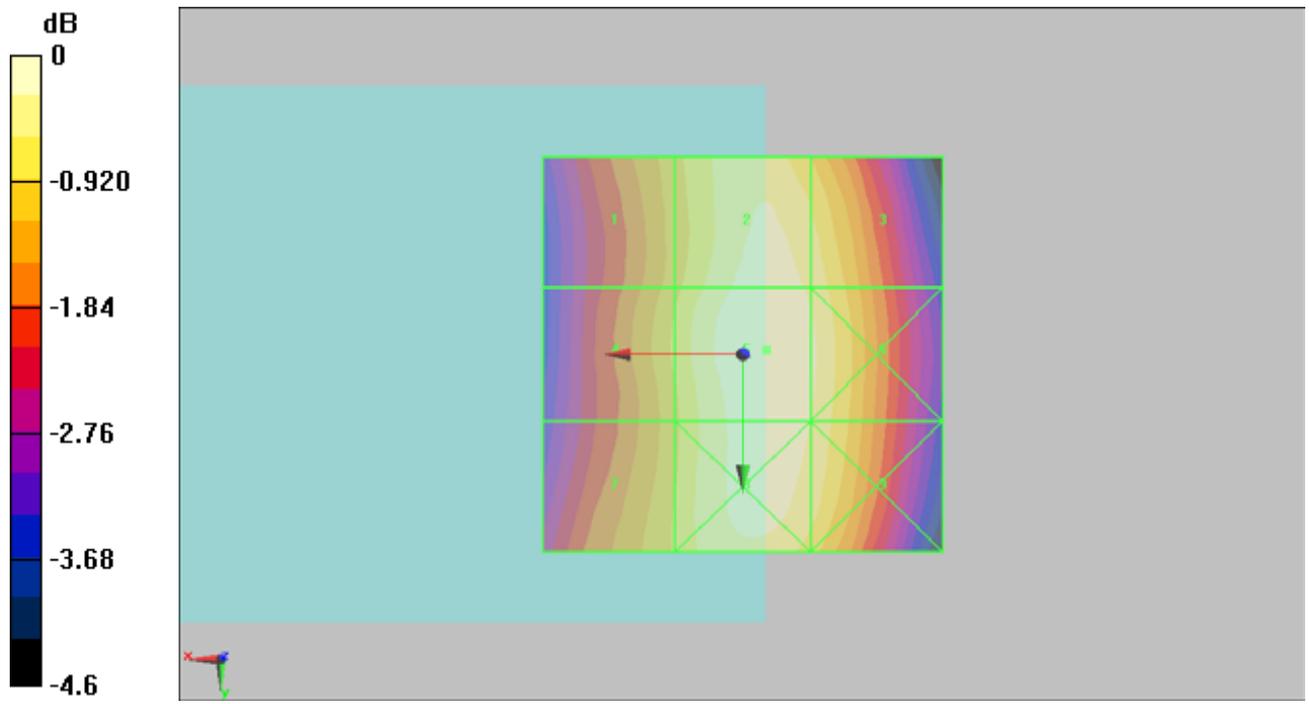
Grid 1	Grid 2	Grid 3
<b>49.3 M4</b>	<b>54.5 M4</b>	<b>53.1 M4</b>
Grid 4	Grid 5	Grid 6
<b>50.2 M4</b>	<b>55.4 M4</b>	<b>53.9 M4</b>
Grid 7	Grid 8	Grid 9
<b>50.1 M4</b>	<b>54.7 M4</b>	<b>53.4 M4</b>

**Cursor:**

Total = 55.4 V/m

E Category: M4

Location: -3, -0.5, 8.7 mm



0 dB = 55.4V/m

**#11 HAC\_E\_WCDMA V\_RMC12.2k\_4182\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 836.4 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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 63.9 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 81.8 V/m; Power Drift = -0.027 dB

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

Peak E-field in V/m

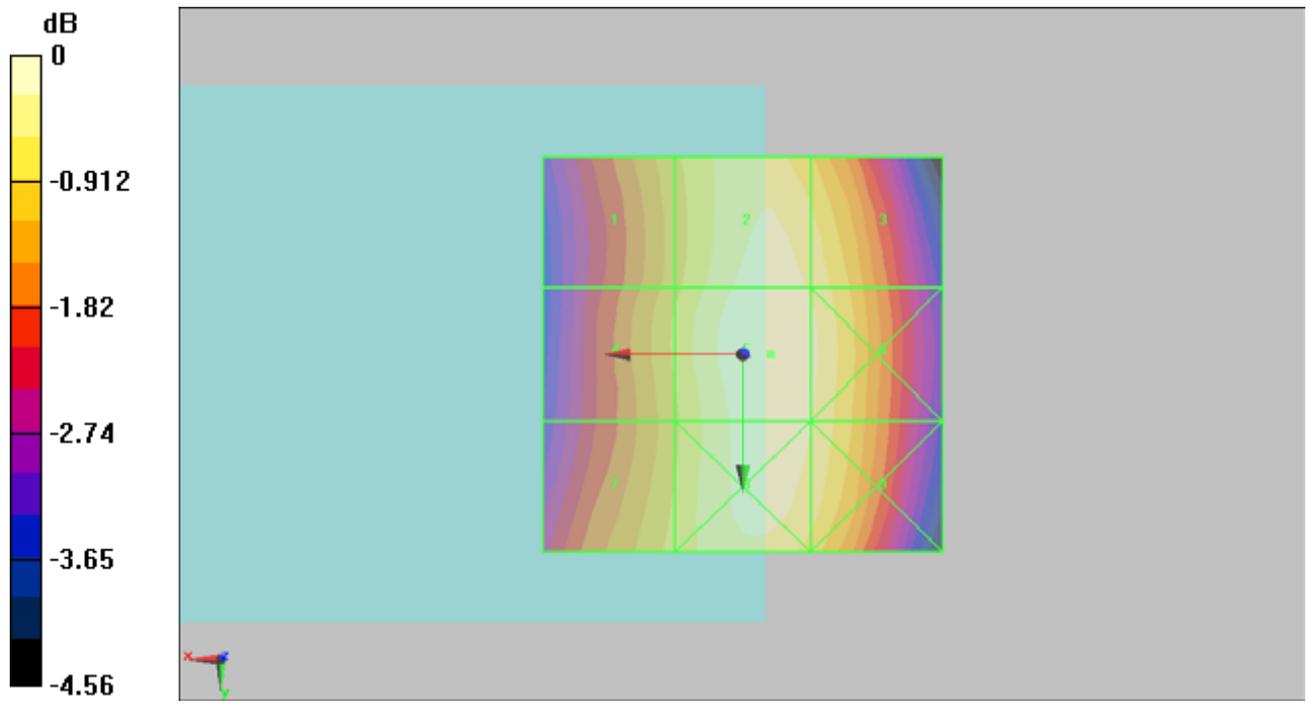
Grid 1 <b>57.2 M4</b>	Grid 2 <b>62.9 M4</b>	Grid 3 <b>61.4 M4</b>
Grid 4 <b>57.9 M4</b>	Grid 5 <b>63.9 M4</b>	Grid 6 <b>62.3 M4</b>
Grid 7 <b>58.3 M4</b>	Grid 8 <b>63.2 M4</b>	Grid 9 <b>61.7 M4</b>

**Cursor:**

Total = 63.9 V/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 63.9V/m

**#12 HAC\_E\_WCDMA V\_RMC12.2k\_4233\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 846.6 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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH4233/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 67.3 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 86.1 V/m; Power Drift = 0.00267 dB

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

Peak E-field in V/m

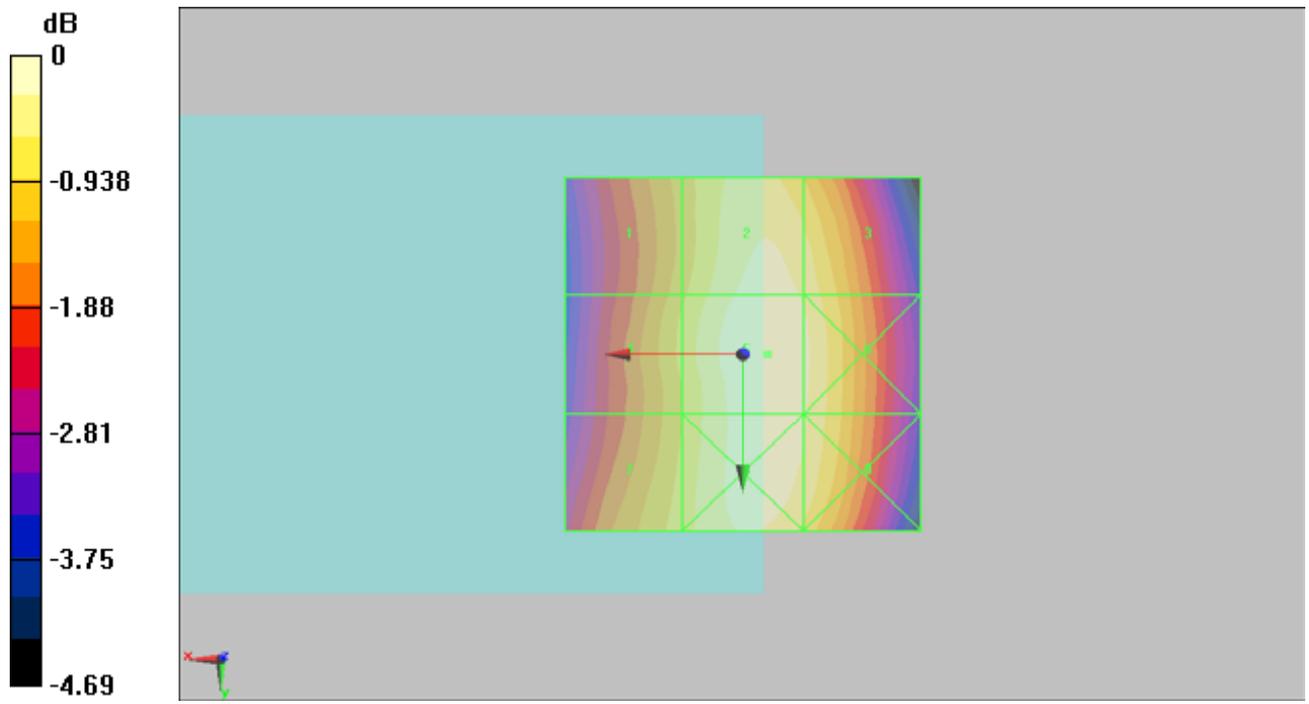
Grid 1 <b>59.9 M4</b>	Grid 2 <b>66.2 M4</b>	Grid 3 <b>64.5 M4</b>
Grid 4 <b>61.1 M4</b>	Grid 5 <b>67.3 M4</b>	Grid 6 <b>65.6 M4</b>
Grid 7 <b>61.7 M4</b>	Grid 8 <b>66.7 M4</b>	Grid 9 <b>65.2 M4</b>

**Cursor:**

Total = 67.3 V/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 67.3V/m

**#13 HAC\_E\_WCDMA II\_RMC12.2k\_9262\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 1852.4 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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH9262/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 37.3 V/m

Probe Modulation Factor = 1.06

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.6 V/m; Power Drift = -0.023 dB

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

Peak E-field in V/m

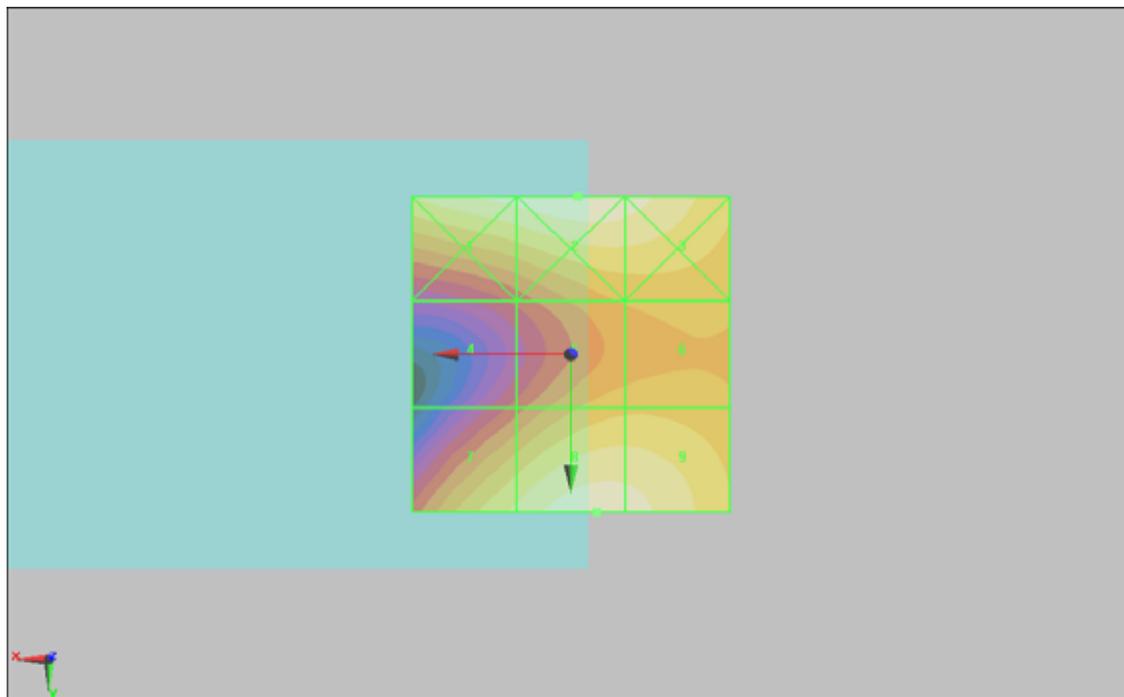
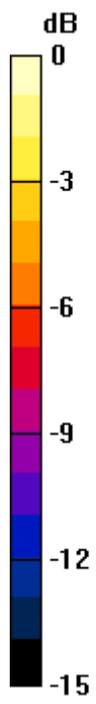
Grid 1 <b>36.8 M4</b>	Grid 2 <b>39 M4</b>	Grid 3 <b>37.1 M4</b>
Grid 4 <b>18.7 M4</b>	Grid 5 <b>26.8 M4</b>	Grid 6 <b>27 M4</b>
Grid 7 <b>32.1 M4</b>	Grid 8 <b>37.3 M4</b>	Grid 9 <b>36.7 M4</b>

**Cursor:**

Total = 39 V/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 39V/m

**#14 HAC\_E\_WCDMA II\_RMC12.2k\_9400\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; 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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 32.3 V/m

Probe Modulation Factor = 1.06

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.4 V/m; Power Drift = 0.050 dB

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

Peak E-field in V/m

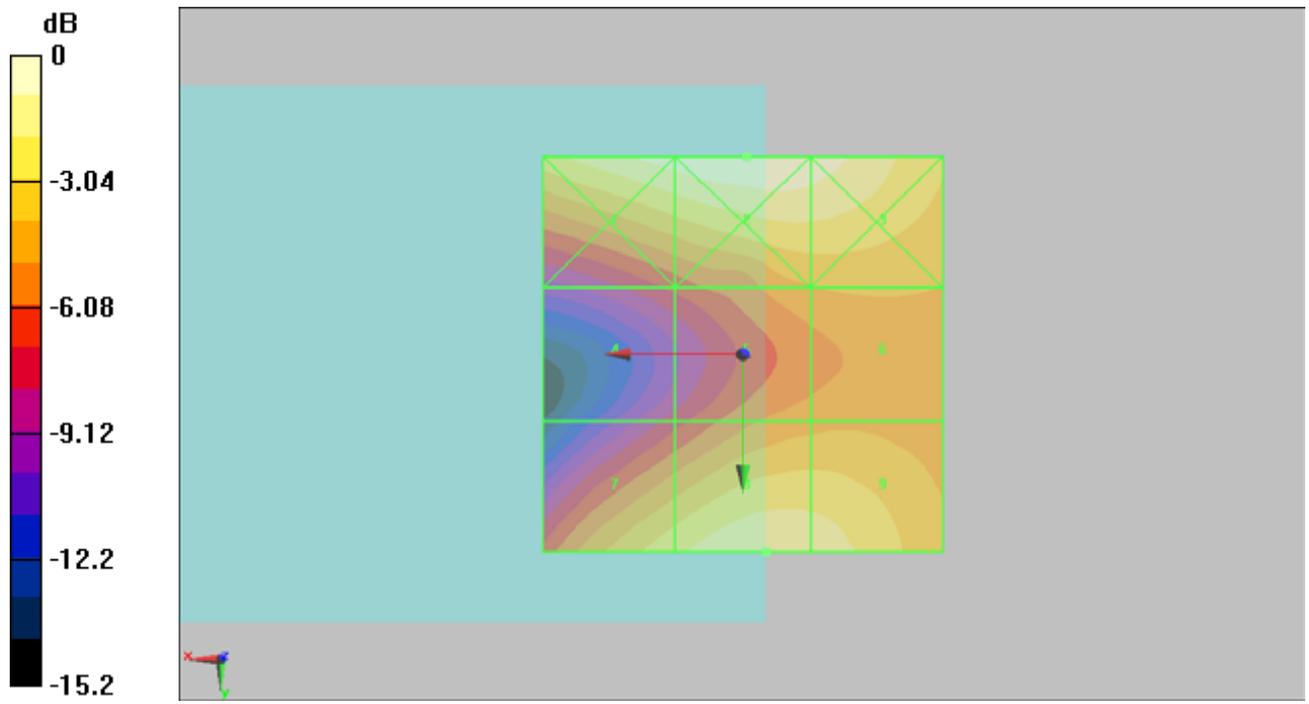
Grid 1 <b>35.1 M4</b>	Grid 2 <b>37 M4</b>	Grid 3 <b>35.3 M4</b>
Grid 4 <b>17.1 M4</b>	Grid 5 <b>23.1 M4</b>	Grid 6 <b>23.8 M4</b>
Grid 7 <b>28.6 M4</b>	Grid 8 <b>32.3 M4</b>	Grid 9 <b>31.6 M4</b>

**Cursor:**

Total = 37 V/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 37V/m

**#15 HAC\_E\_WCDMA II\_RMC12.2k\_9538\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 1907.6 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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH9538/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 27.3 V/m

Probe Modulation Factor = 1.06

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.6 V/m; Power Drift = -0.041 dB

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

Peak E-field in V/m

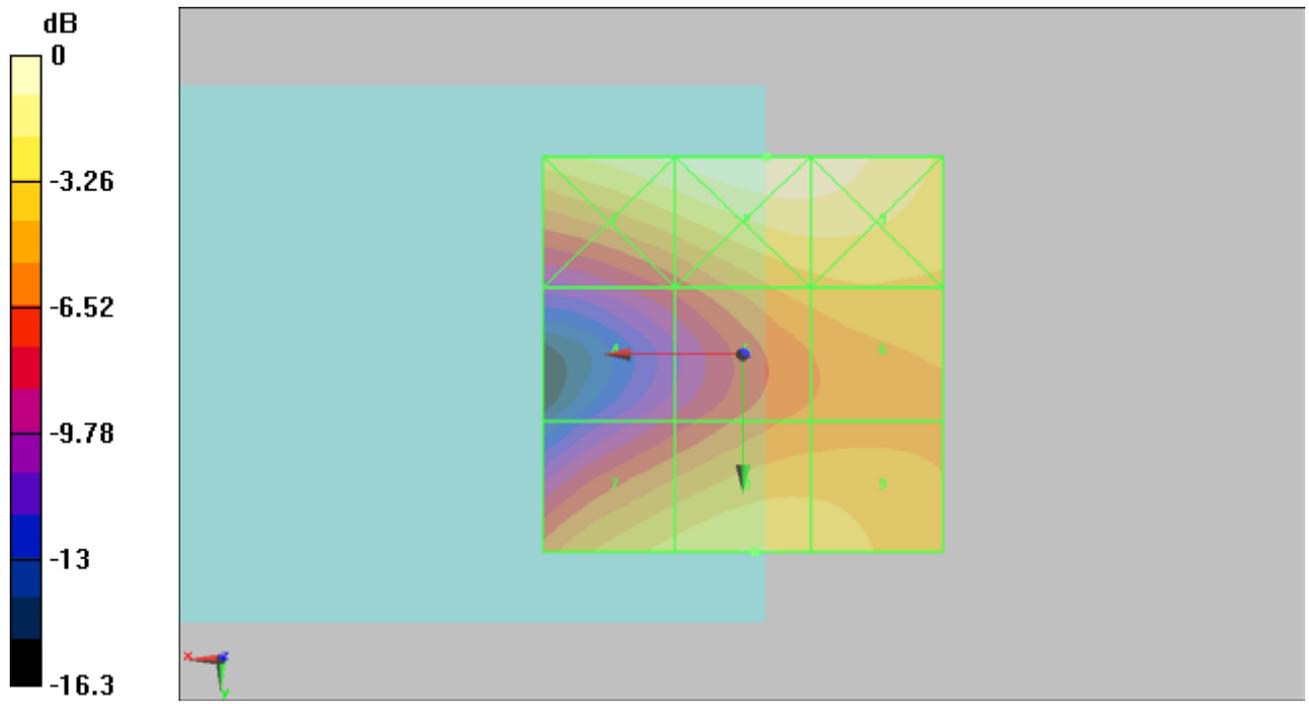
Grid 1	Grid 2	Grid 3
<b>31.7 M4</b>	<b>34.8 M4</b>	<b>33.8 M4</b>
Grid 4	Grid 5	Grid 6
<b>15.3 M4</b>	<b>22.7 M4</b>	<b>23.8 M4</b>
Grid 7	Grid 8	Grid 9
<b>25.3 M4</b>	<b>27.3 M4</b>	<b>26.5 M4</b>

**Cursor:**

Total = 34.8 V/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 34.8V/m

**#19 HAC\_H\_GSM850\_Ch128\_Battery1\_Sample1****DUT: 0D1442**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH128/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.203 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.066 A/m; Power Drift = -0.086 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

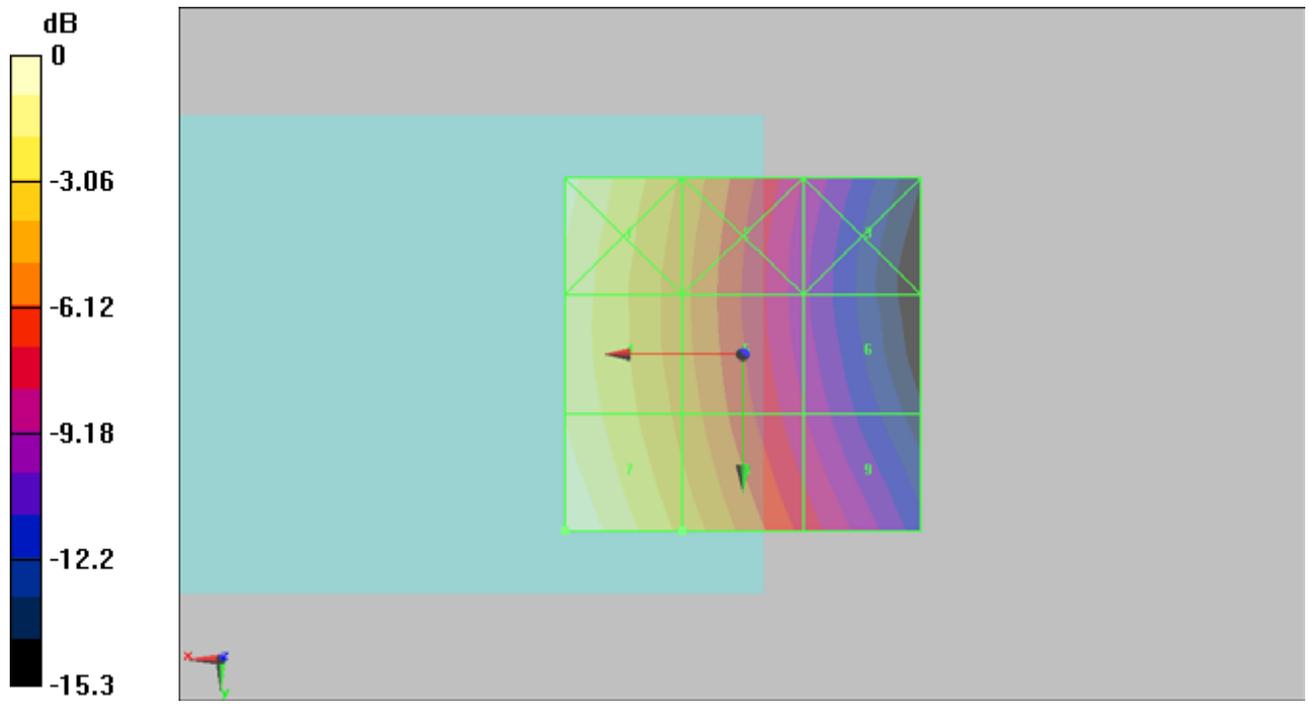
Grid 1 <b>0.190 M4</b>	Grid 2 <b>0.125 M4</b>	Grid 3 <b>0.071 M4</b>
Grid 4 <b>0.180 M4</b>	Grid 5 <b>0.122 M4</b>	Grid 6 <b>0.072 M4</b>
Grid 7 <b>0.203 M4</b>	Grid 8 <b>0.138 M4</b>	Grid 9 <b>0.086 M4</b>

**Cursor:**

Total = 0.203 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.203A/m

**#20 HAC\_H\_GSM850\_Ch189\_Battery1\_Sample1****DUT: 0D1442**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.193 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.067 A/m; Power Drift = 0.042 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

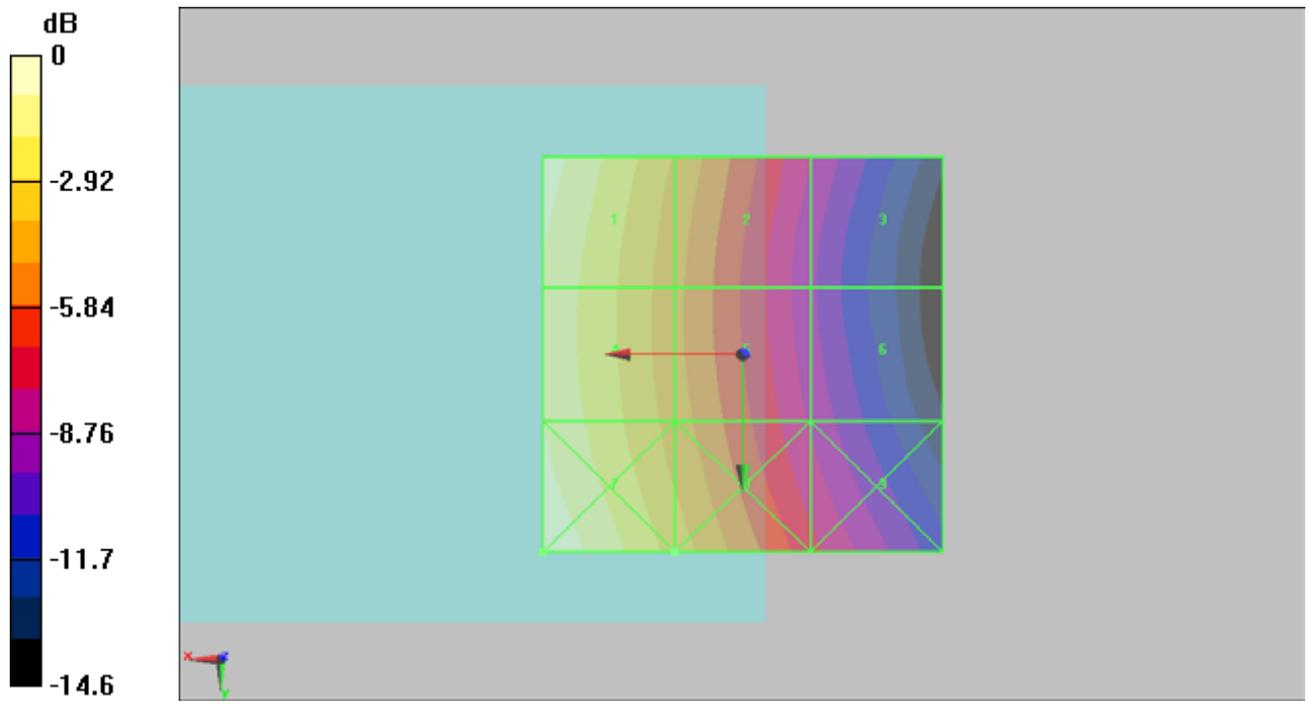
Grid 1 <b>0.193 M4</b>	Grid 2 <b>0.128 M4</b>	Grid 3 <b>0.074 M4</b>
Grid 4 <b>0.181 M4</b>	Grid 5 <b>0.123 M4</b>	Grid 6 <b>0.073 M4</b>
Grid 7 <b>0.202 M4</b>	Grid 8 <b>0.138 M4</b>	Grid 9 <b>0.086 M4</b>

**Cursor:**

Total = 0.202 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.202A/m

**#21 HAC\_H\_GSM850\_Ch251\_Battery1\_Sample1****DUT: 0D1442**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.206 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.076 A/m; Power Drift = -0.026 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

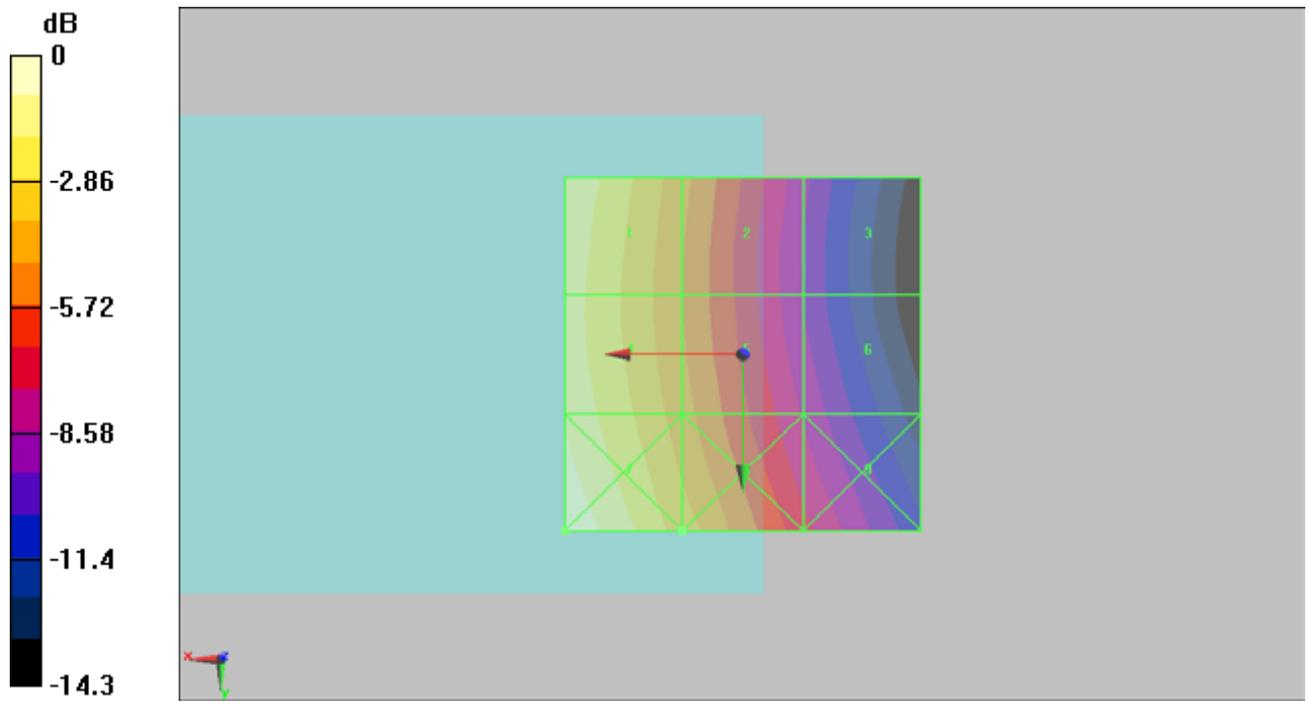
Grid 1 <b>0.206 M4</b>	Grid 2 <b>0.137 M4</b>	Grid 3 <b>0.079 M4</b>
Grid 4 <b>0.202 M4</b>	Grid 5 <b>0.139 M4</b>	Grid 6 <b>0.084 M4</b>
Grid 7 <b>0.228 M4</b>	Grid 8 <b>0.156 M4</b>	Grid 9 <b>0.099 M4</b>

**Cursor:**

Total = 0.228 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.228A/m

**#16 HAC\_H\_GSM1900\_Ch512\_Battery1\_Sample1**

**DUT: 0D1442**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH512/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.098 A/m

Probe Modulation Factor = 1.19

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.096 A/m; Power Drift = -0.026 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

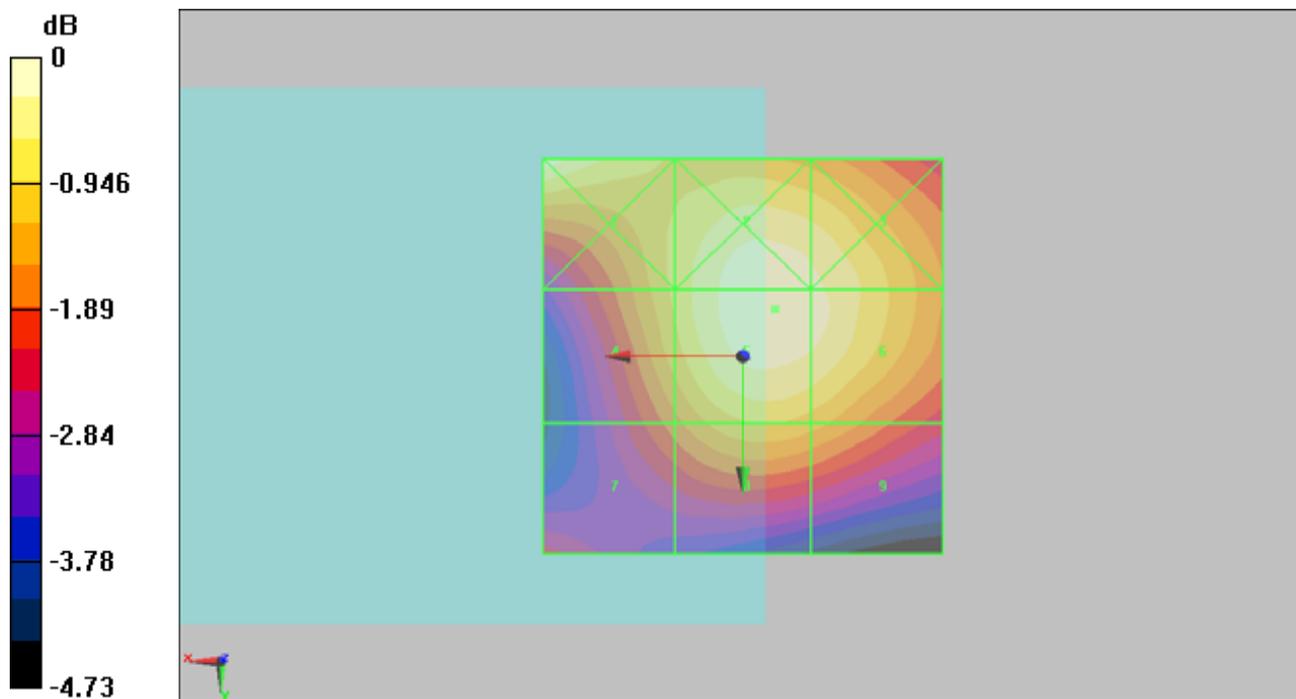
Grid 1 <b>0.098 M4</b>	Grid 2 <b>0.097 M4</b>	Grid 3 <b>0.096 M4</b>
Grid 4 <b>0.089 M4</b>	Grid 5 <b>0.098 M4</b>	Grid 6 <b>0.096 M4</b>
Grid 7 <b>0.081 M4</b>	Grid 8 <b>0.088 M4</b>	Grid 9 <b>0.086 M4</b>

**Cursor:**

Total = 0.098 A/m

H Category: M4

Location: -4, -6, 8.7 mm



0 dB = 0.098A/m

**#17 HAC\_H\_GSM1900\_Ch661\_Battery1\_Sample1****DUT: 0D1442**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.4

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH661/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.098 A/m

Probe Modulation Factor = 1.19

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.096 A/m; Power Drift = -0.037 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

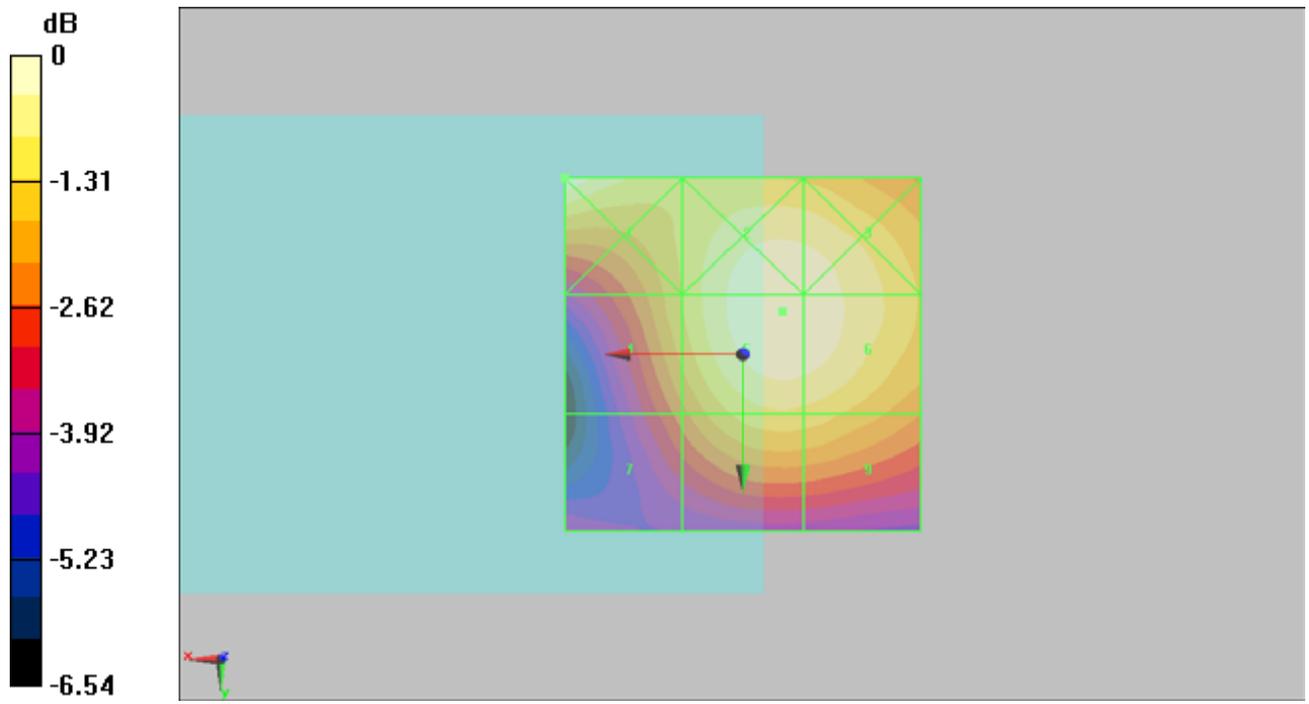
Grid 1 <b>0.099 M4</b>	Grid 2 <b>0.098 M4</b>	Grid 3 <b>0.098 M4</b>
Grid 4 <b>0.085 M4</b>	Grid 5 <b>0.098 M4</b>	Grid 6 <b>0.098 M4</b>
Grid 7 <b>0.076 M4</b>	Grid 8 <b>0.089 M4</b>	Grid 9 <b>0.088 M4</b>

**Cursor:**

Total = 0.099 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.099A/m

**#18 HAC\_H\_GSM1900\_Ch810\_Battery1\_Sample1****DUT: 0D1442**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 22.5

## DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH810/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.080 A/m

Probe Modulation Factor = 1.19

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.078 A/m; Power Drift = -0.000541 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

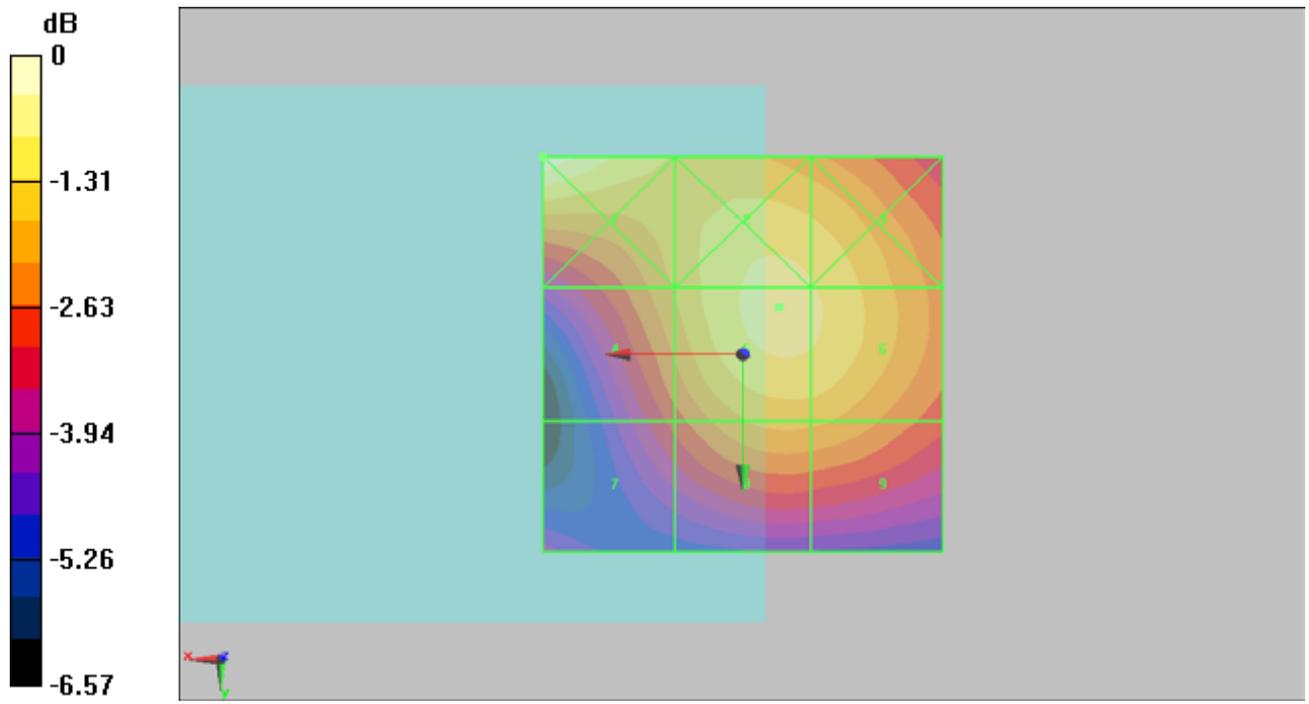
Grid 1 <b>0.087 M4</b>	Grid 2 <b>0.080 M4</b>	Grid 3 <b>0.079 M4</b>
Grid 4 <b>0.072 M4</b>	Grid 5 <b>0.080 M4</b>	Grid 6 <b>0.079 M4</b>
Grid 7 <b>0.063 M4</b>	Grid 8 <b>0.072 M4</b>	Grid 9 <b>0.072 M4</b>

**Cursor:**

Total = 0.087 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.087A/m

**#22 HAC\_H\_WCDMA V\_RMC12.2k\_CH4132\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 826.4 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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.080 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.046 A/m; Power Drift = 0.095 dB

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

Peak H-field in A/m

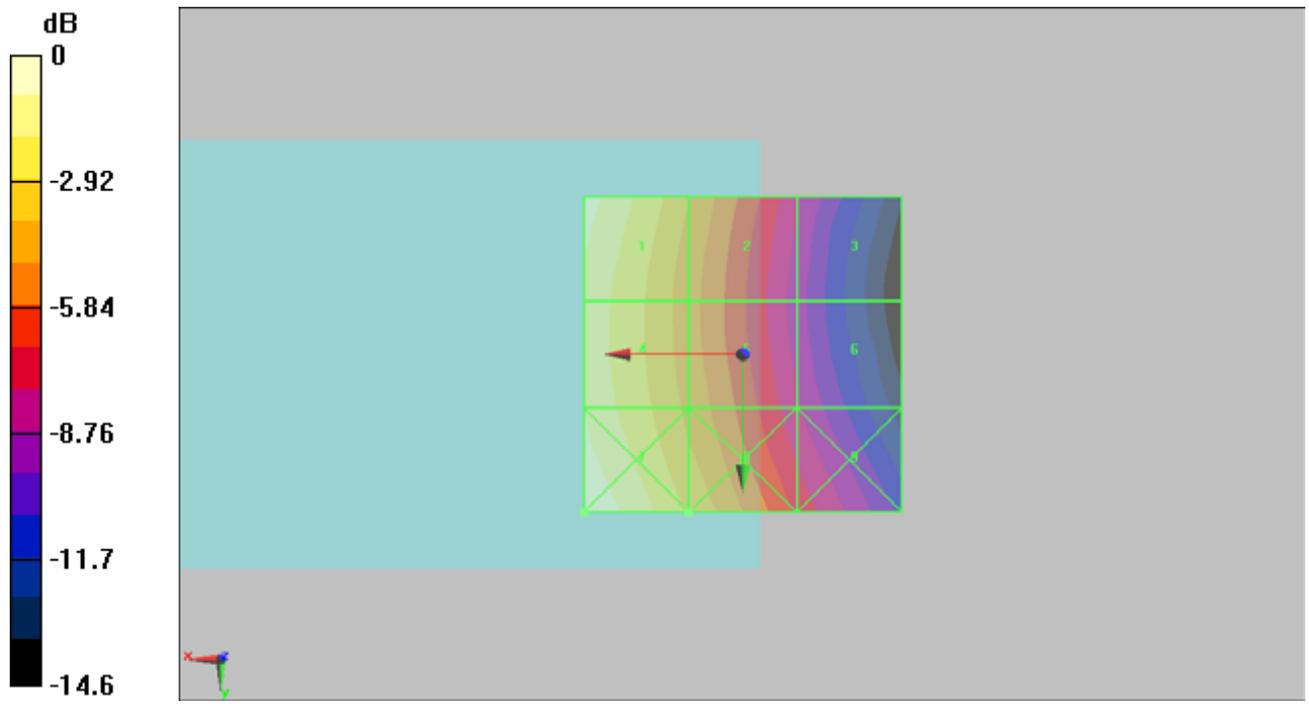
Grid 1 <b>0.080 M4</b>	Grid 2 <b>0.054 M4</b>	Grid 3 <b>0.031 M4</b>
Grid 4 <b>0.075 M4</b>	Grid 5 <b>0.052 M4</b>	Grid 6 <b>0.031 M4</b>
Grid 7 <b>0.084 M4</b>	Grid 8 <b>0.059 M4</b>	Grid 9 <b>0.038 M4</b>

**Cursor:**

Total = 0.084 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.084A/m

**#23 HAC\_H\_WCDMA V\_RMC12.2k\_CH4182\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 836.4 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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.094 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.055 A/m; Power Drift = 0.037 dB

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

Peak H-field in A/m

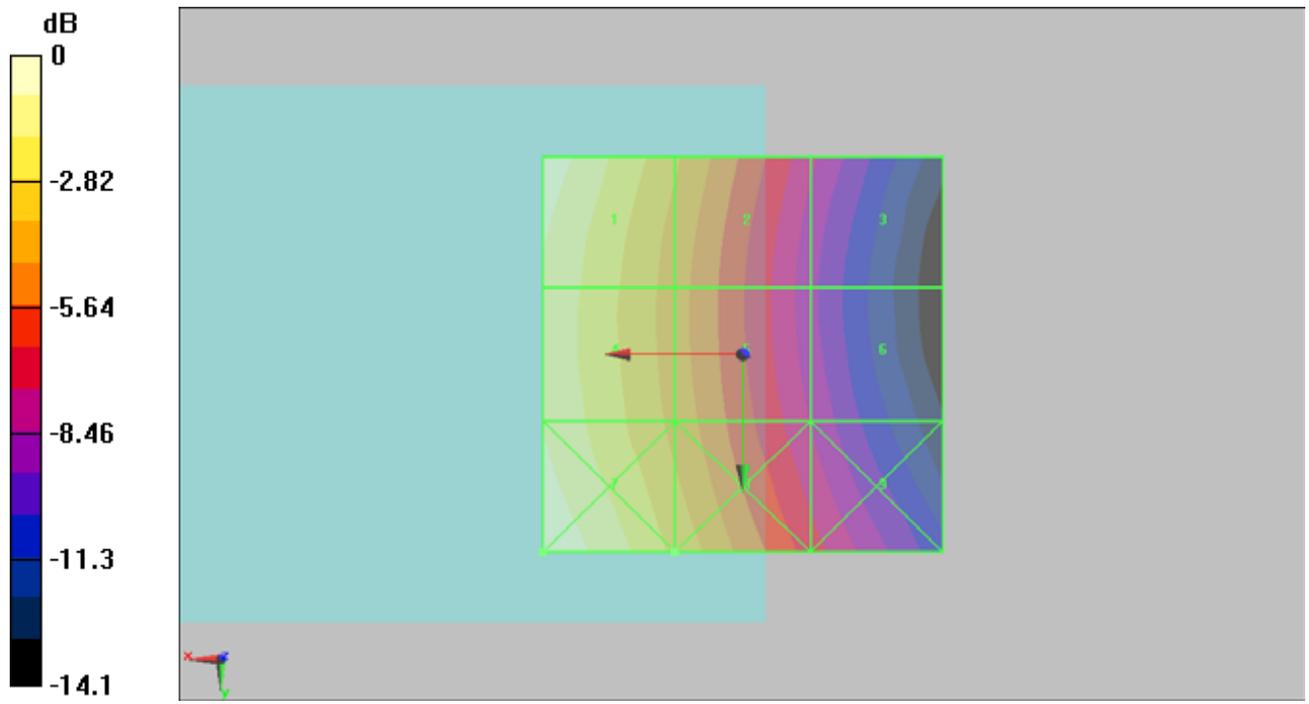
Grid 1 <b>0.094 M4</b>	Grid 2 <b>0.065 M4</b>	Grid 3 <b>0.038 M4</b>
Grid 4 <b>0.087 M4</b>	Grid 5 <b>0.062 M4</b>	Grid 6 <b>0.037 M4</b>
Grid 7 <b>0.098 M4</b>	Grid 8 <b>0.069 M4</b>	Grid 9 <b>0.044 M4</b>

**Cursor:**

Total = 0.098 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.098A/m

**#24 HAC\_H\_WCDMA V\_RMC12.2k\_CH4233\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 846.6 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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH4233/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.101 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.061 A/m; Power Drift = 0.00962 dB

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

Peak H-field in A/m

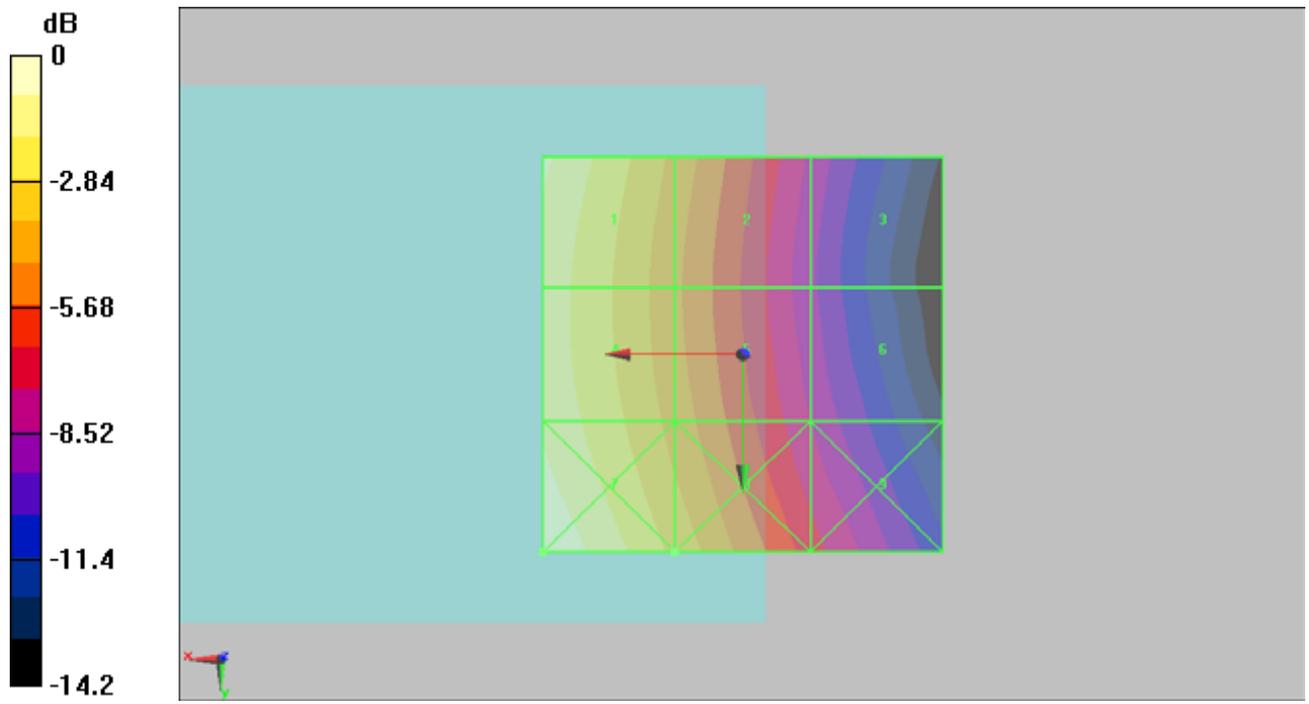
Grid 1 <b>0.101 M4</b>	Grid 2 <b>0.069 M4</b>	Grid 3 <b>0.041 M4</b>
Grid 4 <b>0.097 M4</b>	Grid 5 <b>0.068 M4</b>	Grid 6 <b>0.041 M4</b>
Grid 7 <b>0.110 M4</b>	Grid 8 <b>0.077 M4</b>	Grid 9 <b>0.049 M4</b>

**Cursor:**

Total = 0.110 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.110A/m

**#25 HAC\_H\_WCDMA II\_RMC12.2k\_CH9262\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 1852.4 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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH9262/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.058 A/m

Probe Modulation Factor = 0.580

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.113 A/m; Power Drift = -0.023 dB

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

Peak H-field in A/m

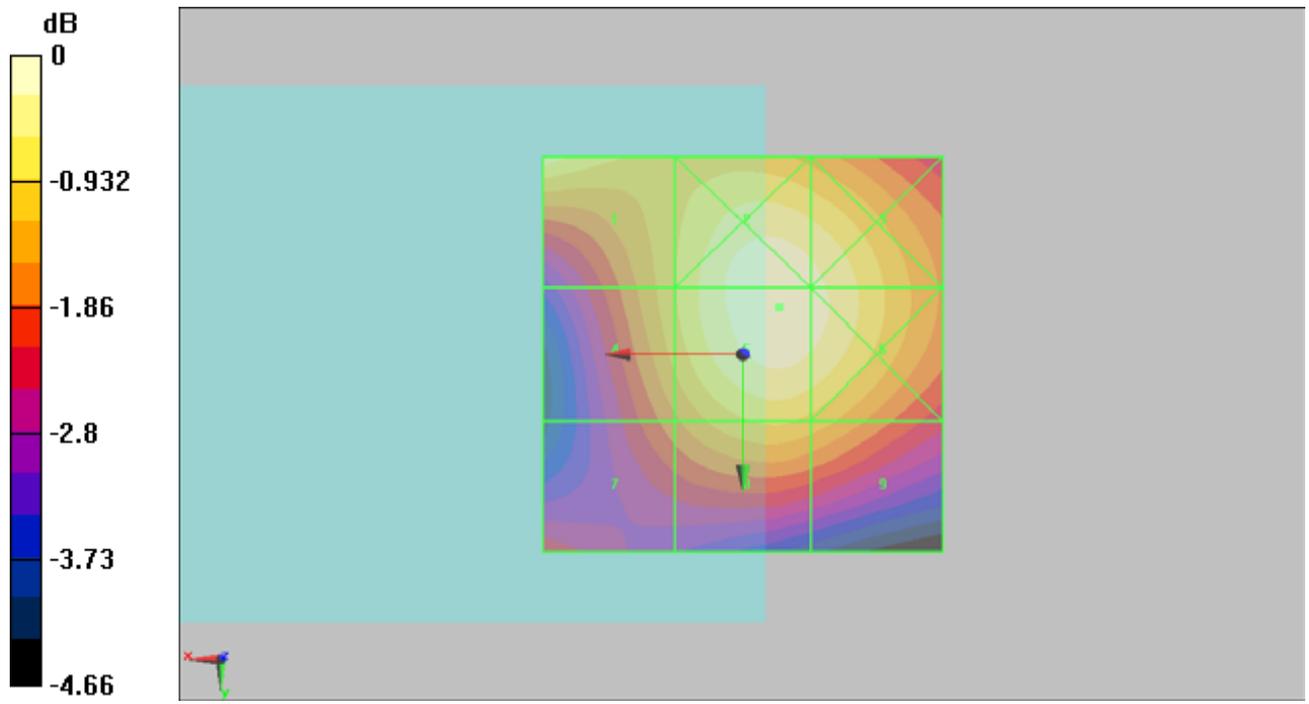
Grid 1 <b>0.055 M4</b>	Grid 2 <b>0.058 M4</b>	Grid 3 <b>0.057 M4</b>
Grid 4 <b>0.052 M4</b>	Grid 5 <b>0.058 M4</b>	Grid 6 <b>0.057 M4</b>
Grid 7 <b>0.048 M4</b>	Grid 8 <b>0.052 M4</b>	Grid 9 <b>0.051 M4</b>

**Cursor:**

Total = 0.058 A/m

H Category: M4

Location: -4.5, -6, 8.7 mm



0 dB = 0.058A/m

**#26 HAC\_H\_WCDMA II\_RMC12.2k\_CH9400\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; 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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.052 A/m

Probe Modulation Factor = 0.580

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.102 A/m; Power Drift = 0.00378 dB

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

Peak H-field in A/m

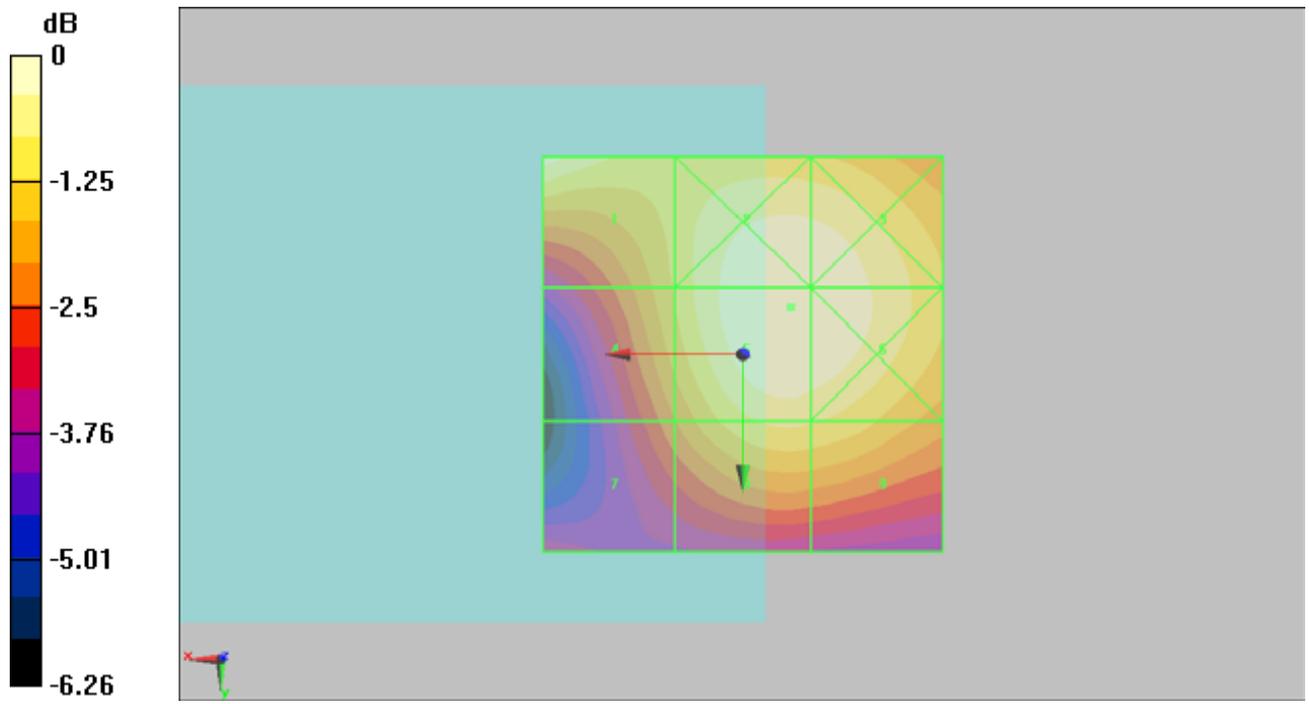
Grid 1 <b>0.051 M4</b>	Grid 2 <b>0.052 M4</b>	Grid 3 <b>0.052 M4</b>
Grid 4 <b>0.045 M4</b>	Grid 5 <b>0.052 M4</b>	Grid 6 <b>0.052 M4</b>
Grid 7 <b>0.041 M4</b>	Grid 8 <b>0.048 M4</b>	Grid 9 <b>0.047 M4</b>

**Cursor:**

Total = 0.052 A/m

H Category: M4

Location: -6, -6, 8.7 mm



0 dB = 0.052A/m

**#27 HAC\_H\_WCDMA II\_RMC12.2k\_CH9538\_Battery1\_Sample1****DUT: 0D1442**

Communication System: WCDMA; Frequency: 1907.6 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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

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

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**CH9538/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.047 A/m

Probe Modulation Factor = 0.580

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.092 A/m; Power Drift = 0.032 dB

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

Peak H-field in A/m

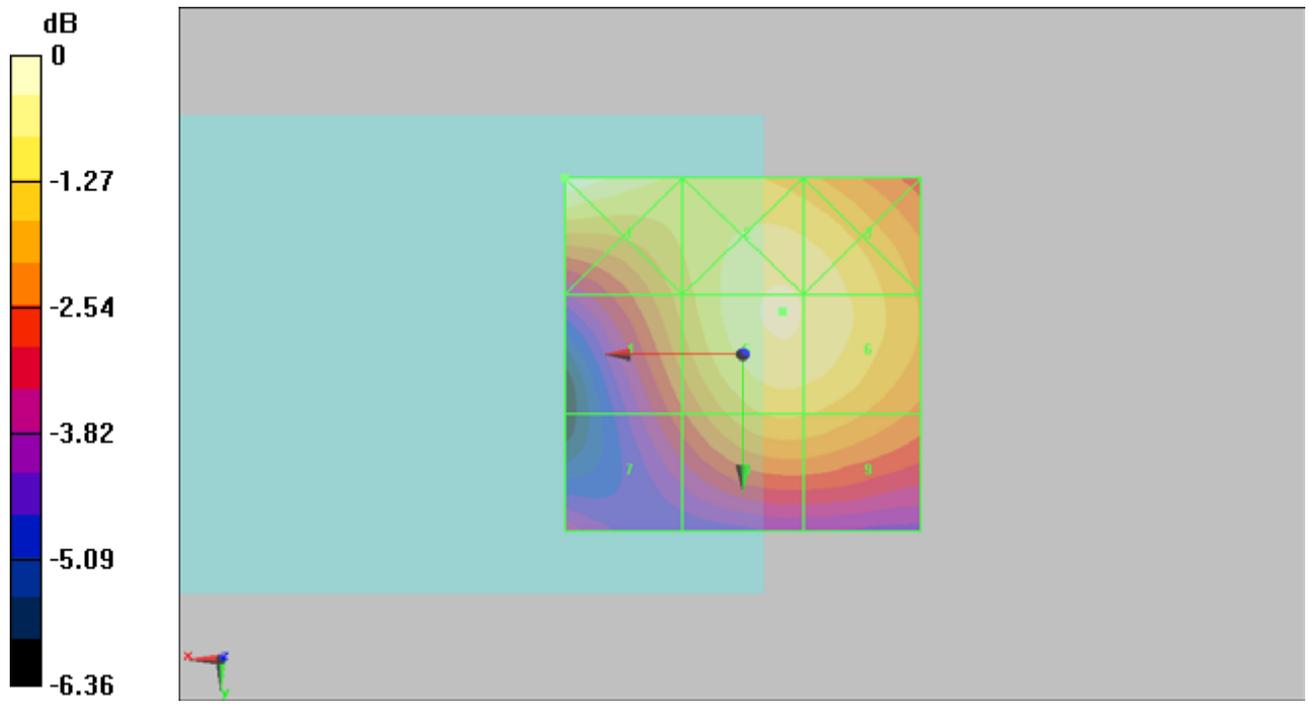
Grid 1 <b>0.049 M4</b>	Grid 2 <b>0.047 M4</b>	Grid 3 <b>0.047 M4</b>
Grid 4 <b>0.041 M4</b>	Grid 5 <b>0.047 M4</b>	Grid 6 <b>0.047 M4</b>
Grid 7 <b>0.036 M4</b>	Grid 8 <b>0.043 M4</b>	Grid 9 <b>0.042 M4</b>

**Cursor:**

Total = 0.049 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.049A/m