

**#08 HAC\_E\_GSM850\_Ch128\_Slide Off\_Battery 1**

**DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 105.8 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.5 V/m; Power Drift = -0.032 dB

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

Peak E-field in V/m

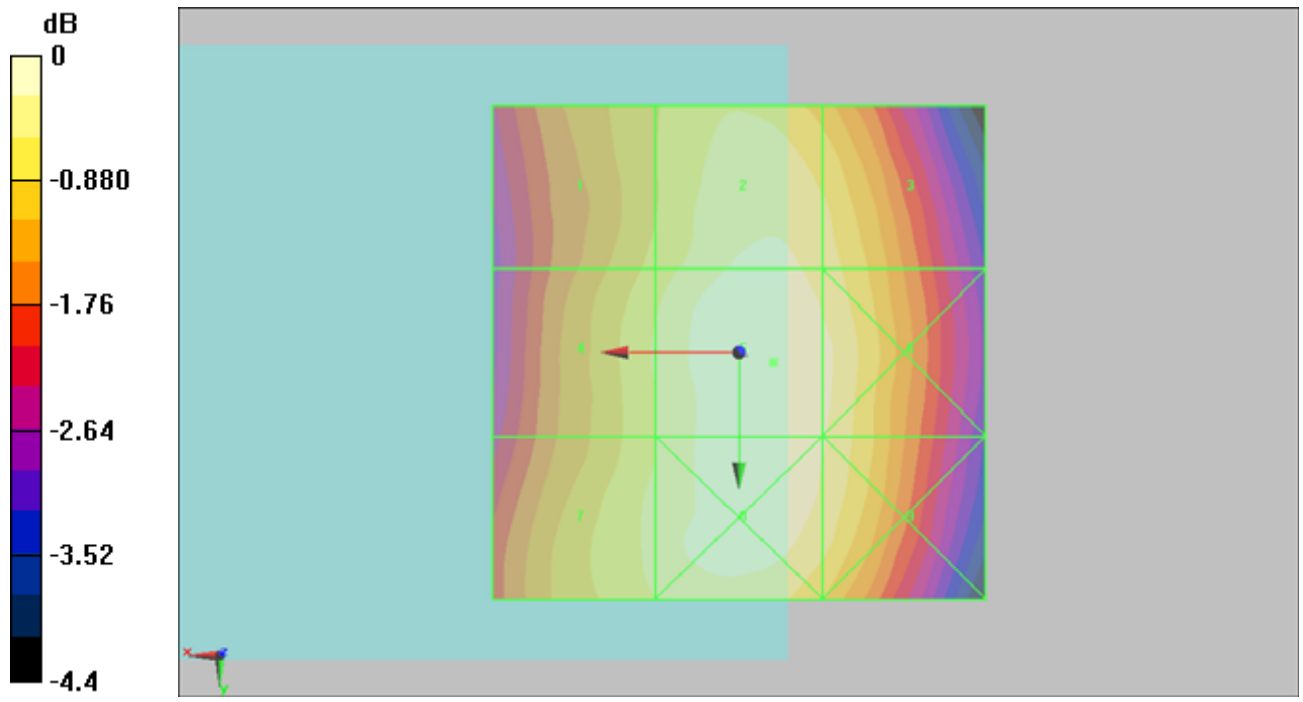
Grid 1 <b>96.9 M4</b>	Grid 2 <b>103.3 M4</b>	Grid 3 <b>100.9 M4</b>
Grid 4 <b>99.3 M4</b>	Grid 5 <b>105.8 M4</b>	Grid 6 <b>103.4 M4</b>
Grid 7 <b>100.0 M4</b>	Grid 8 <b>104.8 M4</b>	Grid 9 <b>102.6 M4</b>

**Cursor:**

Total = 105.8 V/m

E Category: M4

Location: -3.5, 1, 8.7 mm



0 dB = 105.8V/m

**#09 HAC\_E\_GSM850\_Ch189\_Slide Off\_Battery 1**

**DUT: 062328**

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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 109.4 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51 V/m; Power Drift = 0.00346 dB

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

Peak E-field in V/m

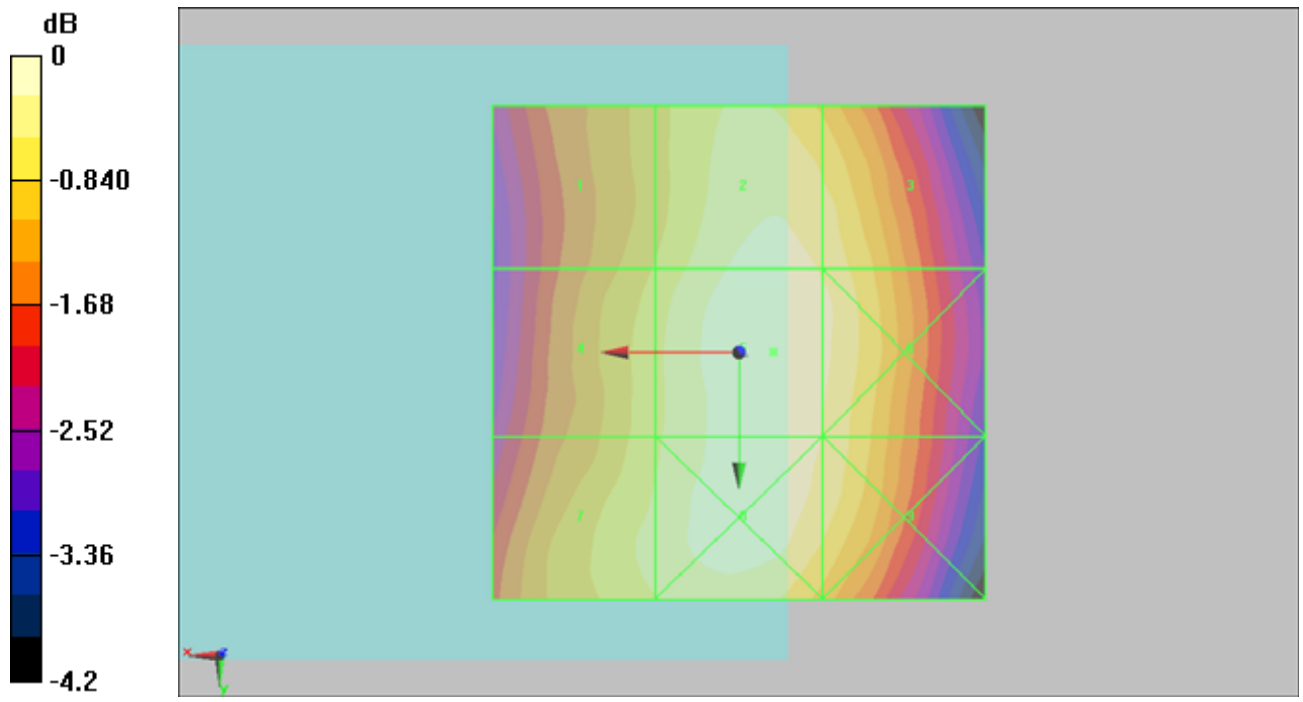
Grid 1 <b>99.6 M4</b>	Grid 2 <b>107.5 M4</b>	Grid 3 <b>105.5 M4</b>
Grid 4 <b>101.9 M4</b>	Grid 5 <b>109.4 M4</b>	Grid 6 <b>106.9 M4</b>
Grid 7 <b>103.9 M4</b>	Grid 8 <b>108.0 M4</b>	Grid 9 <b>105.8 M4</b>

**Cursor:**

Total = 109.4 V/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 109.4V/m

**#10 HAC\_E\_GSM850\_Ch251\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.6

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 115.4 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 53.7 V/m; Power Drift = -0.00802 dB

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

Peak E-field in V/m

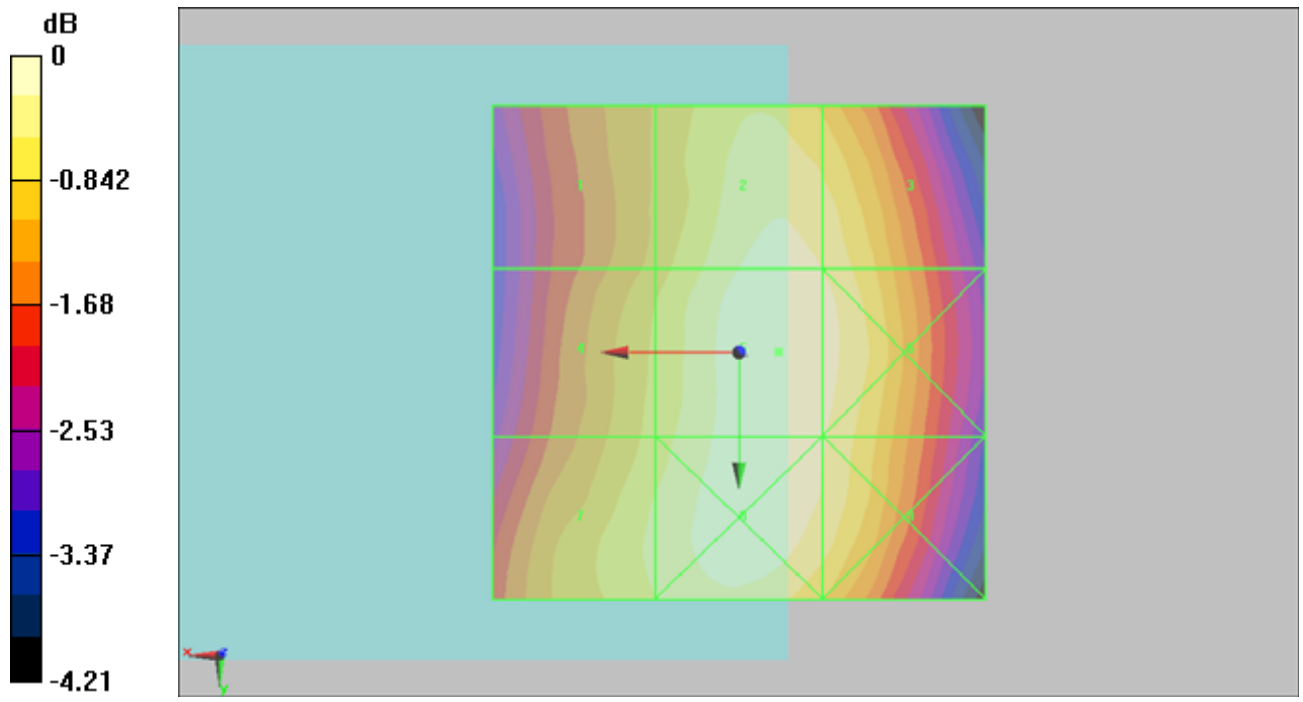
Grid 1 <b>103.0 M4</b>	Grid 2 <b>113.4 M4</b>	Grid 3 <b>111.6 M4</b>
Grid 4 <b>106.2 M4</b>	Grid 5 <b>115.4 M4</b>	Grid 6 <b>113.4 M4</b>
Grid 7 <b>109.1 M4</b>	Grid 8 <b>114.5 M4</b>	Grid 9 <b>112.1 M4</b>

**Cursor:**

Total = 115.4 V/m

E Category: M4

Location: -4, 0, 8.7 mm



0 dB = 115.4V/m

**#11 HAC\_E\_GSM850\_Ch128\_Slide Left\_Battery 1**

**DUT: 062328**

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: 2009/9/18
- 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 = 106.2 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.4 V/m; Power Drift = -0.062 dB

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

Peak E-field in V/m

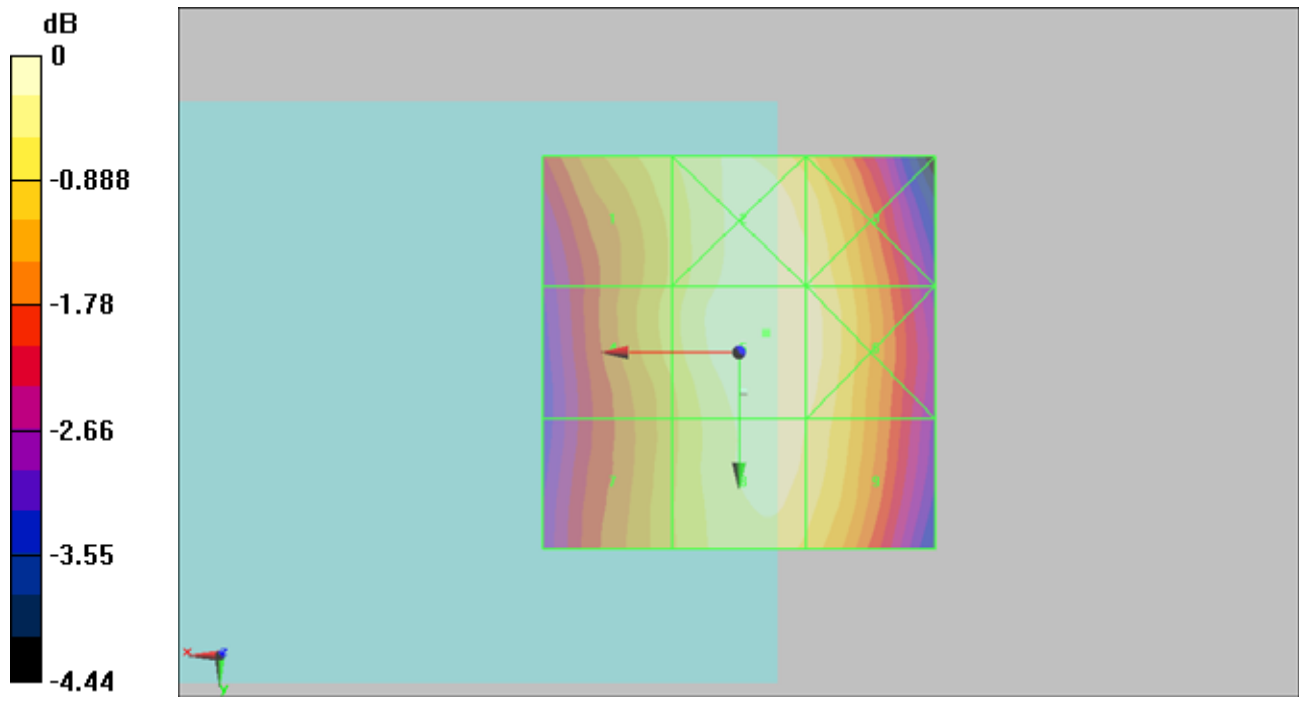
Grid 1 <b>99 M4</b>	Grid 2 <b>105.6 M4</b>	Grid 3 <b>103.6 M4</b>
Grid 4 <b>98 M4</b>	Grid 5 <b>106.2 M4</b>	Grid 6 <b>104.9 M4</b>
Grid 7 <b>95.7 M4</b>	Grid 8 <b>104.6 M4</b>	Grid 9 <b>102.9 M4</b>

**Cursor:**

Total = 106.2 V/m

E Category: M4

Location: -3.5, -2.5, 8.7 mm



0 dB = 106.2V/m



**#12 HAC\_E\_GSM850\_Ch189\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.6

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 114.5 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 54 V/m; Power Drift = -0.978 dB

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

Peak E-field in V/m

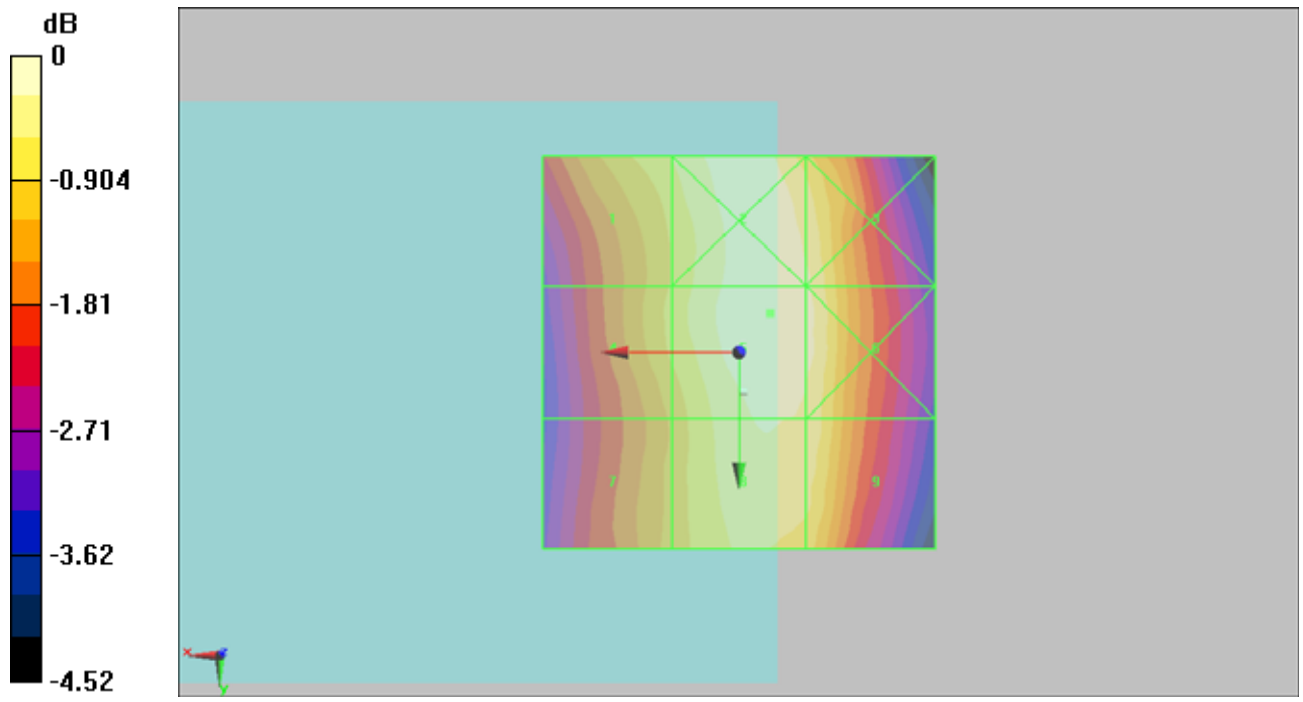
Grid 1 <b>107.1 M4</b>	Grid 2 <b>113.9 M4</b>	Grid 3 <b>111.5 M4</b>
Grid 4 <b>104.5 M4</b>	Grid 5 <b>114.5 M4</b>	Grid 6 <b>112.3 M4</b>
Grid 7 <b>101.1 M4</b>	Grid 8 <b>111.0 M4</b>	Grid 9 <b>110.0 M4</b>

**Cursor:**

Total = 114.5 V/m

E Category: M4

Location: -4, -5, 8.7 mm



0 dB = 114.5V/m

**#13 HAC\_E\_GSM850\_Ch251\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 121.3 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.7 V/m; Power Drift = -0.061 dB

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

Peak E-field in V/m

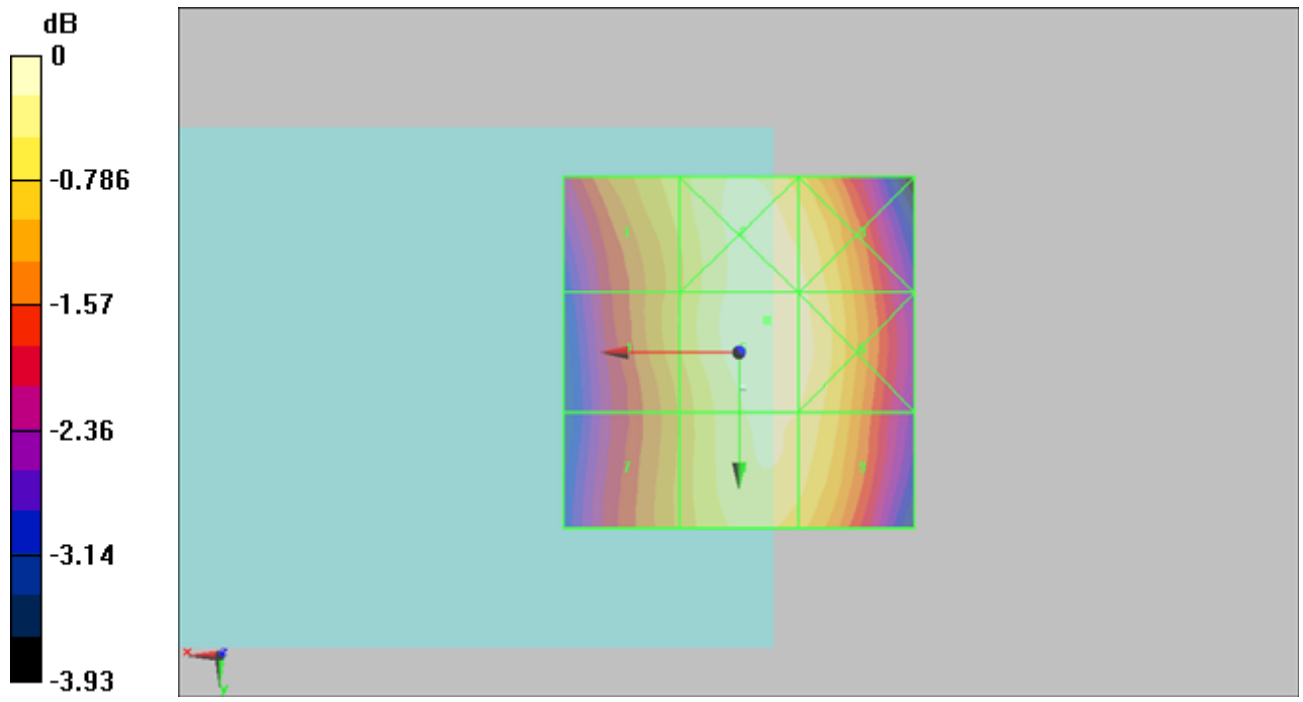
Grid 1 <b>113.1 M4</b>	Grid 2 <b>120.7 M4</b>	Grid 3 <b>119.0 M4</b>
Grid 4 <b>111.1 M4</b>	Grid 5 <b>121.3 M4</b>	Grid 6 <b>119.8 M4</b>
Grid 7 <b>108.5 M4</b>	Grid 8 <b>118.5 M4</b>	Grid 9 <b>117.5 M4</b>

**Cursor:**

Total = 121.3 V/m

E Category: M4

Location: -4, -4.5, 8.7 mm



0 dB = 121.3V/m

**#14 HAC\_E\_GSM850\_Ch251\_Slide Left\_Battery 2****DUT:062328**

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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 118.0 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.6 V/m; Power Drift = -0.364 dB

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

Peak E-field in V/m

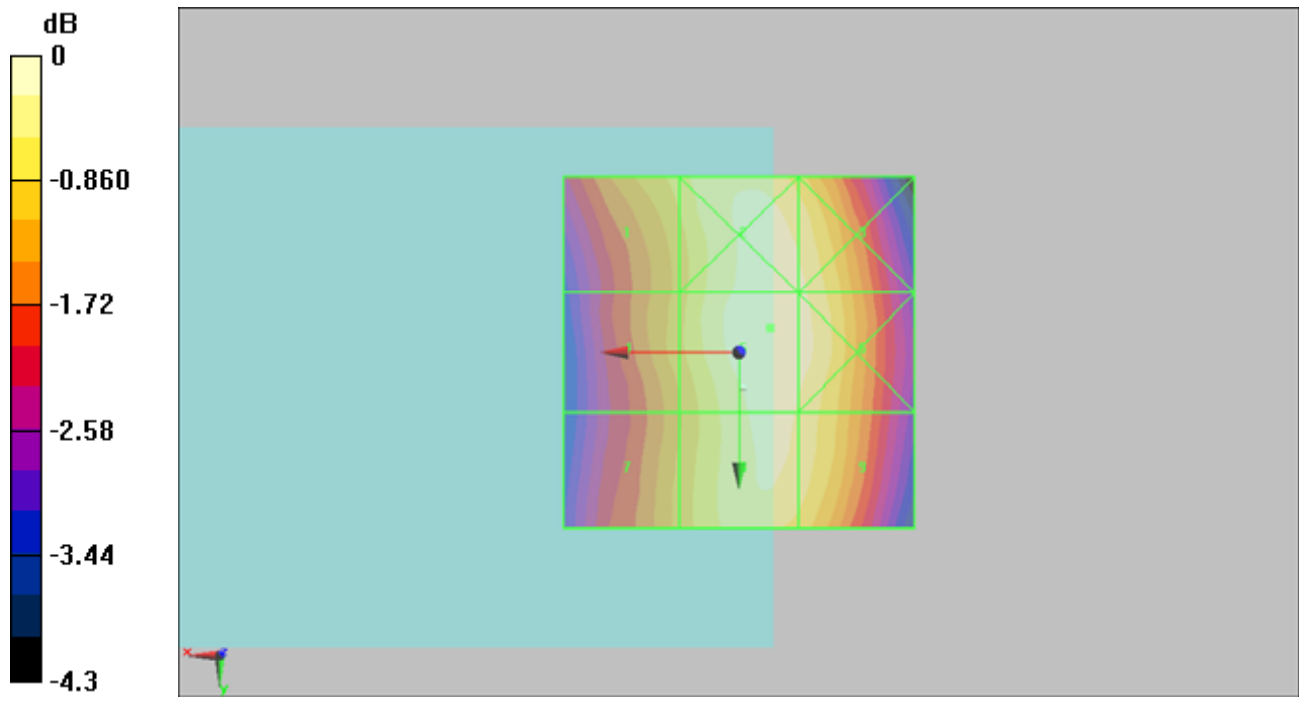
Grid 1 <b>108.7 M4</b>	Grid 2 <b>117.2 M4</b>	Grid 3 <b>115.4 M4</b>
Grid 4 <b>106.0 M4</b>	Grid 5 <b>118.0 M4</b>	Grid 6 <b>116.4 M4</b>
Grid 7 <b>104.7 M4</b>	Grid 8 <b>115.7 M4</b>	Grid 9 <b>113.8 M4</b>

**Cursor:**

Total = 118.0 V/m

E Category: M4

Location: -4.5, -3.5, 8.7 mm



0 dB = 118.0V/m

**#58 HAC\_E\_GSM850\_Ch251\_Slide Left\_Battery 1\_Sample2****DUT: 062328**

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: 2009/9/18

- 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

**CH251Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 124.3 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 58.6 V/m; Power Drift = 0.101 dB

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

Peak E-field in V/m

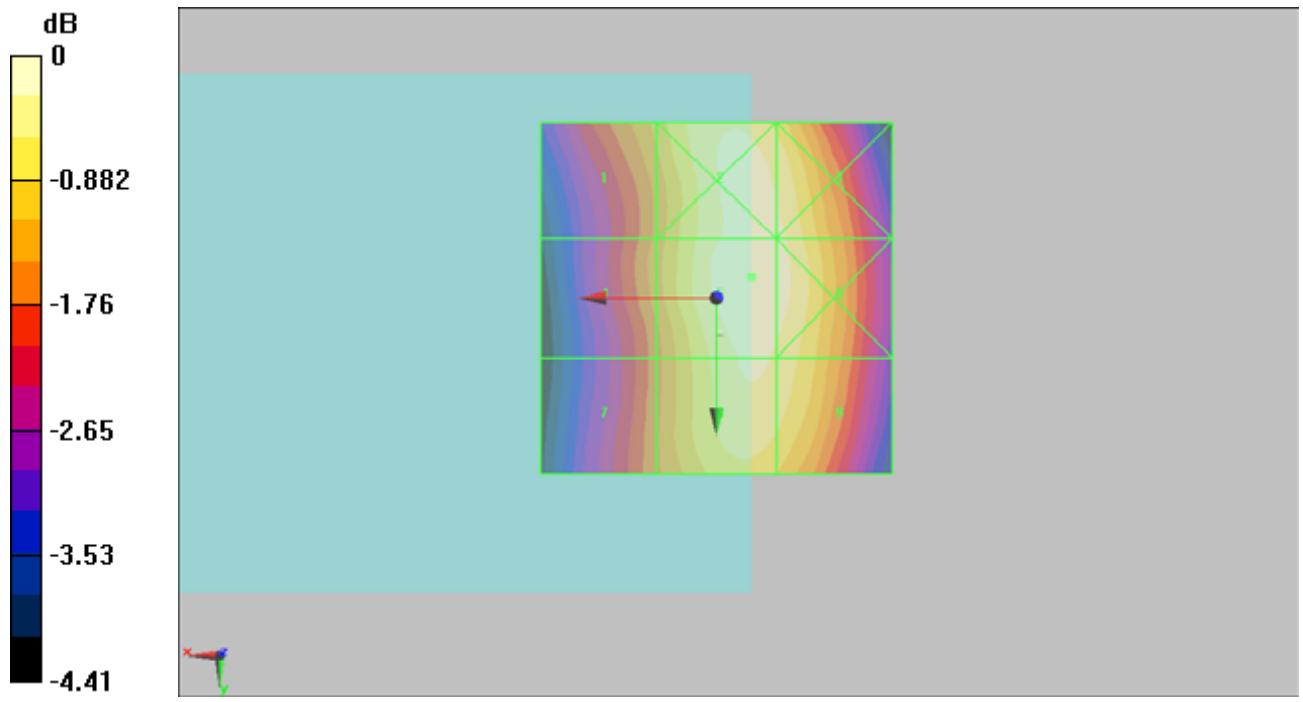
Grid 1 <b>109.9 M4</b>	Grid 2 <b>122.8 M4</b>	Grid 3 <b>121.6 M4</b>
Grid 4 <b>107.5 M4</b>	Grid 5 <b>124.3 M4</b>	Grid 6 <b>122.6 M4</b>
Grid 7 <b>104.6 M4</b>	Grid 8 <b>121.0 M4</b>	Grid 9 <b>119.6 M4</b>

**Cursor:**

Total = 124.3 V/m

E Category: M4

Location: -5, -3, 8.7 mm



0 dB = 124.3V/m



**#01 HAC\_E\_GSM1900\_Ch512\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 82.1 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.8 V/m; Power Drift = 0.014 dB

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

Peak E-field in V/m

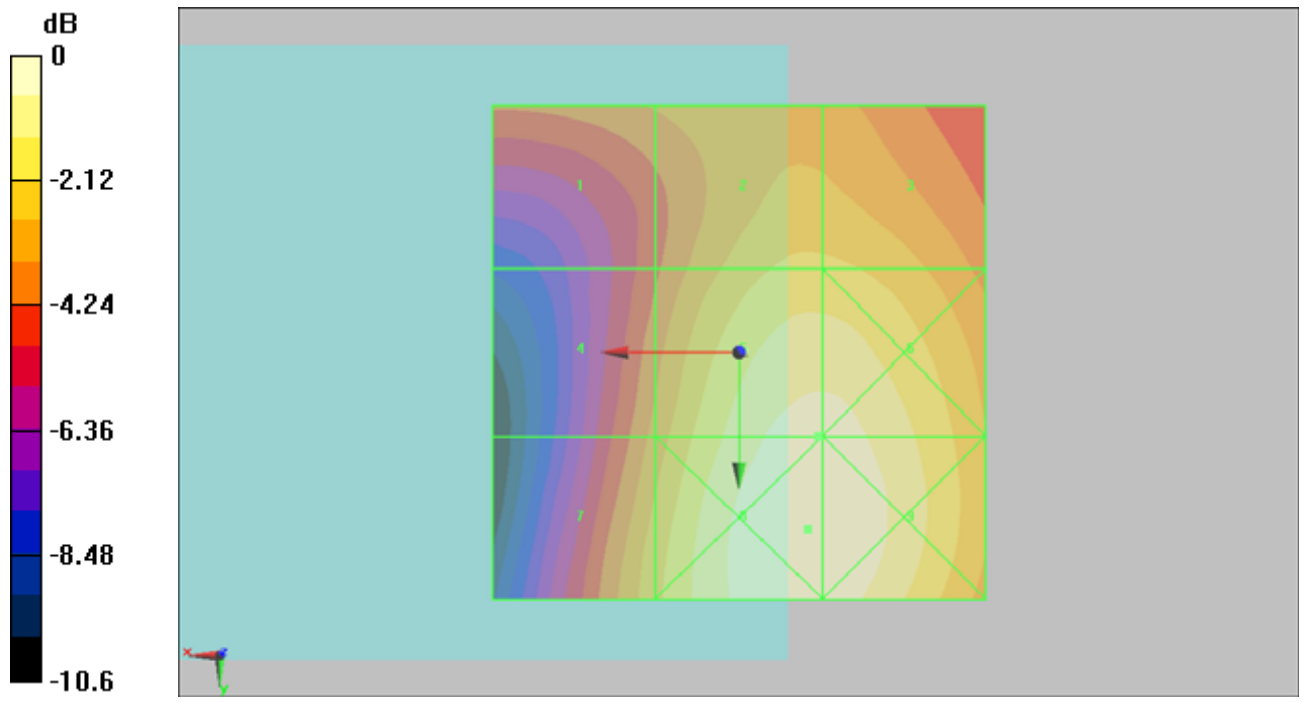
Grid 1 <b>57.5 M3</b>	Grid 2 <b>68.7 M3</b>	Grid 3 <b>68.6 M3</b>
Grid 4 <b>59 M3</b>	Grid 5 <b>82.1 M3</b>	Grid 6 <b>82.1 M3</b>
Grid 7 <b>65.8 M3</b>	Grid 8 <b>85.7 M2</b>	Grid 9 <b>85.5 M2</b>

**Cursor:**

Total = 85.7 V/m

E Category: M2

Location: -7, 18, 8.7 mm



0 dB = 85.7V/m

**#02 HAC\_E\_GSM1900\_Ch661\_Slide Off\_Battery 1**

**DUT: 062328**

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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 82.1 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.7 V/m; Power Drift = 0.040 dB

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

Peak E-field in V/m

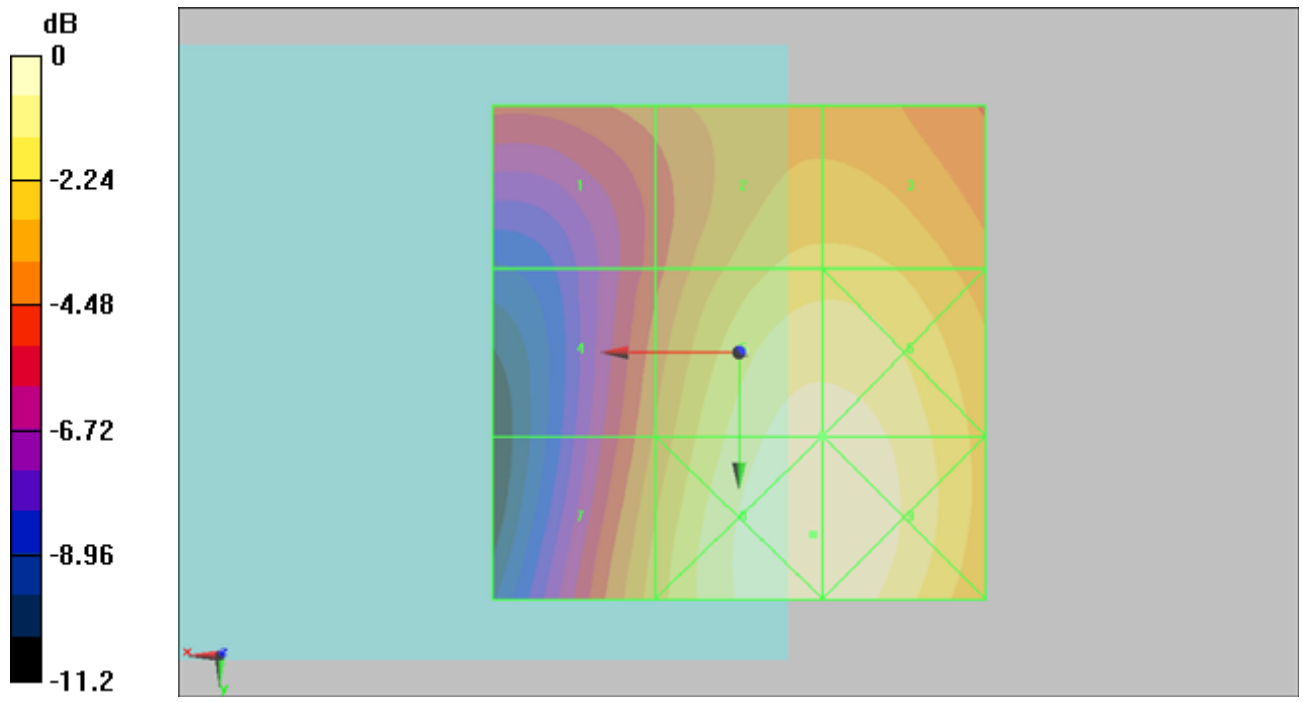
Grid 1	Grid 2	Grid 3
<b>53.5 M3</b>	<b>68.4 M3</b>	<b>68.4 M3</b>
Grid 4	Grid 5	Grid 6
<b>56.4 M3</b>	<b>82.1 M3</b>	<b>82.1 M3</b>
Grid 7	Grid 8	Grid 9
<b>63.4 M3</b>	<b>85.4 M2</b>	<b>85.3 M2</b>

**Cursor:**

Total = 85.4 V/m

E Category: M2

Location: -7.5, 18.5, 8.7 mm



0 dB = 85.4V/m

**#03 HAC\_E\_GSM1900\_Ch810\_Slide Off\_Battery 1**

**DUT:062328**

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 : 22.6

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 76 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.9 V/m; Power Drift = -0.224 dB

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

Peak E-field in V/m

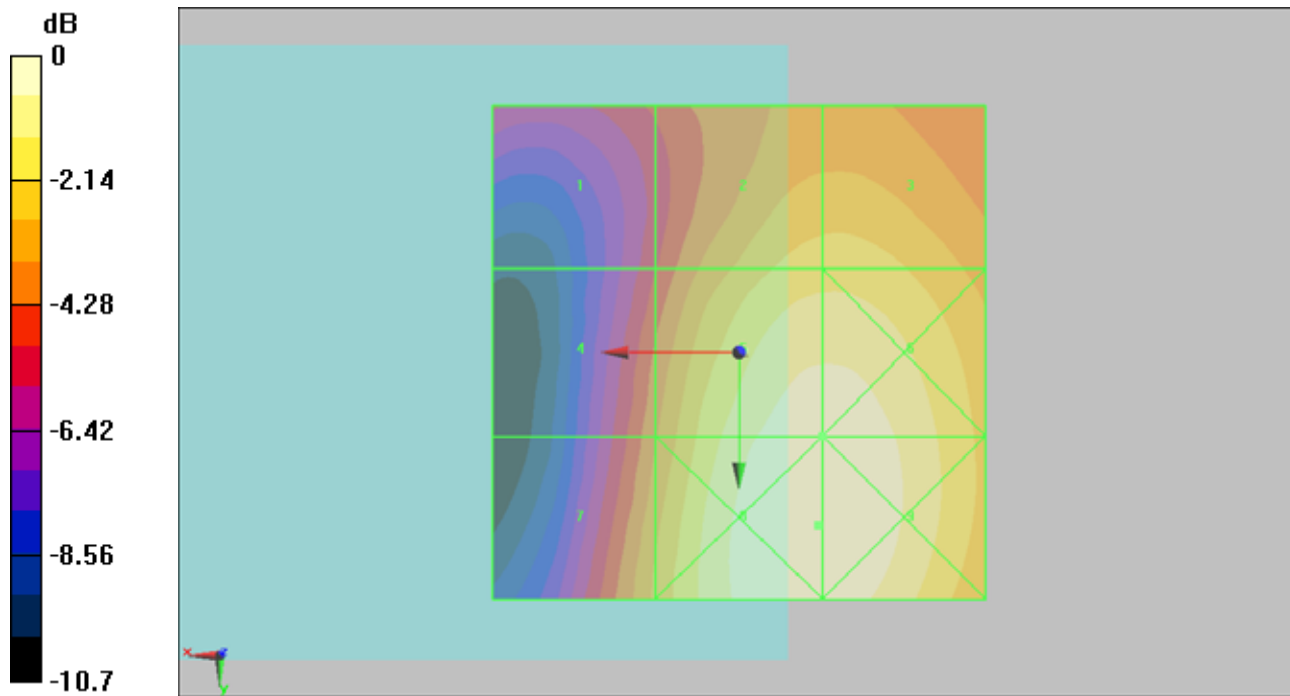
Grid 1	Grid 2	Grid 3
<b>44.7 M4</b>	<b>63.9 M3</b>	<b>64.1 M3</b>
Grid 4	Grid 5	Grid 6
<b>51.3 M3</b>	<b>76 M3</b>	<b>76.1 M3</b>
Grid 7	Grid 8	Grid 9
<b>57.2 M3</b>	<b>77.9 M3</b>	<b>77.9 M3</b>

**Cursor:**

Total = 77.9 V/m

E Category: M3

Location: -8, 17.5, 8.7 mm



0 dB = 77.9V/m

**#04 HAC\_E\_GSM1900\_Ch512\_Slide Left\_Battery 1**

**DUT:062328**

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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 75.3 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.2 V/m; Power Drift = -0.041 dB

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

Peak E-field in V/m

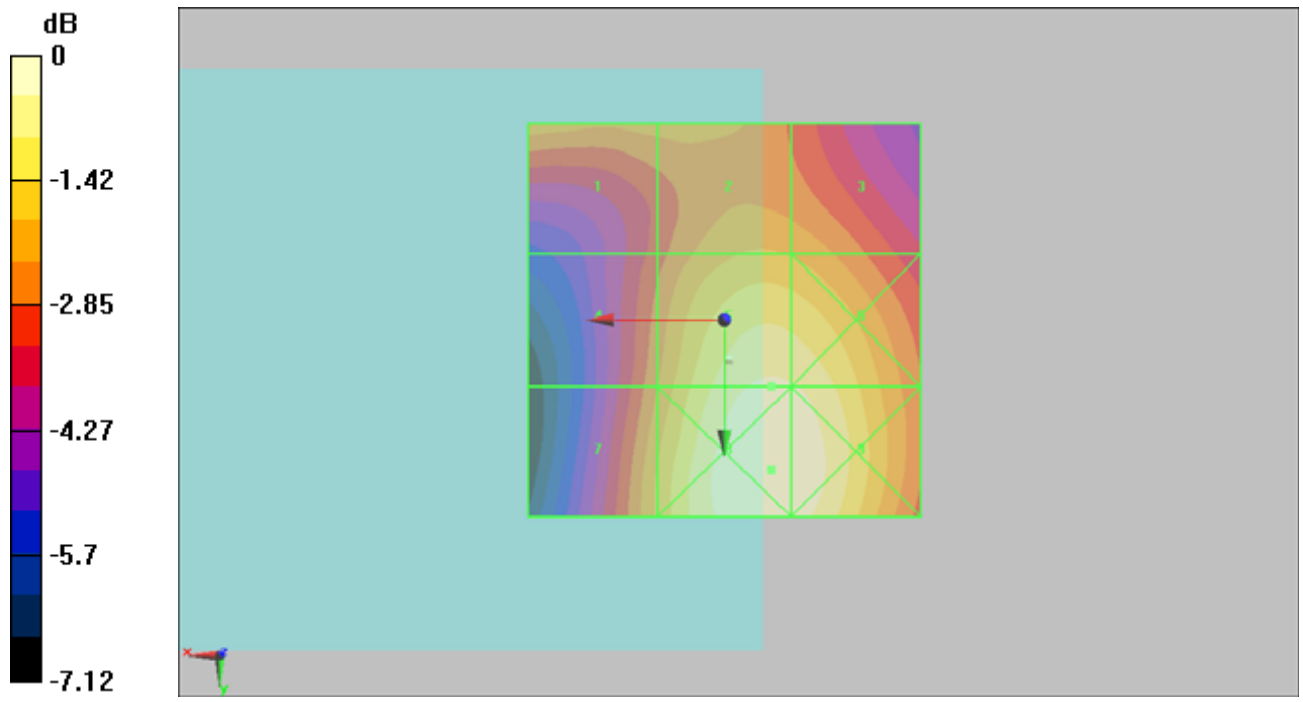
Grid 1 <b>62.5 M3</b>	Grid 2 <b>63.7 M3</b>	Grid 3 <b>62.9 M3</b>
Grid 4 <b>60 M3</b>	Grid 5 <b>75.3 M3</b>	Grid 6 <b>74.9 M3</b>
Grid 7 <b>64.1 M3</b>	Grid 8 <b>78.7 M3</b>	Grid 9 <b>78.3 M3</b>

**Cursor:**

Total = 78.7 V/m

E Category: M3

Location: -6, 19, 8.7 mm



0 dB = 78.7V/m



**#05 HAC\_E\_GSM1900\_Ch661\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 71.4 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.1 V/m; Power Drift = -0.027 dB

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

Peak E-field in V/m

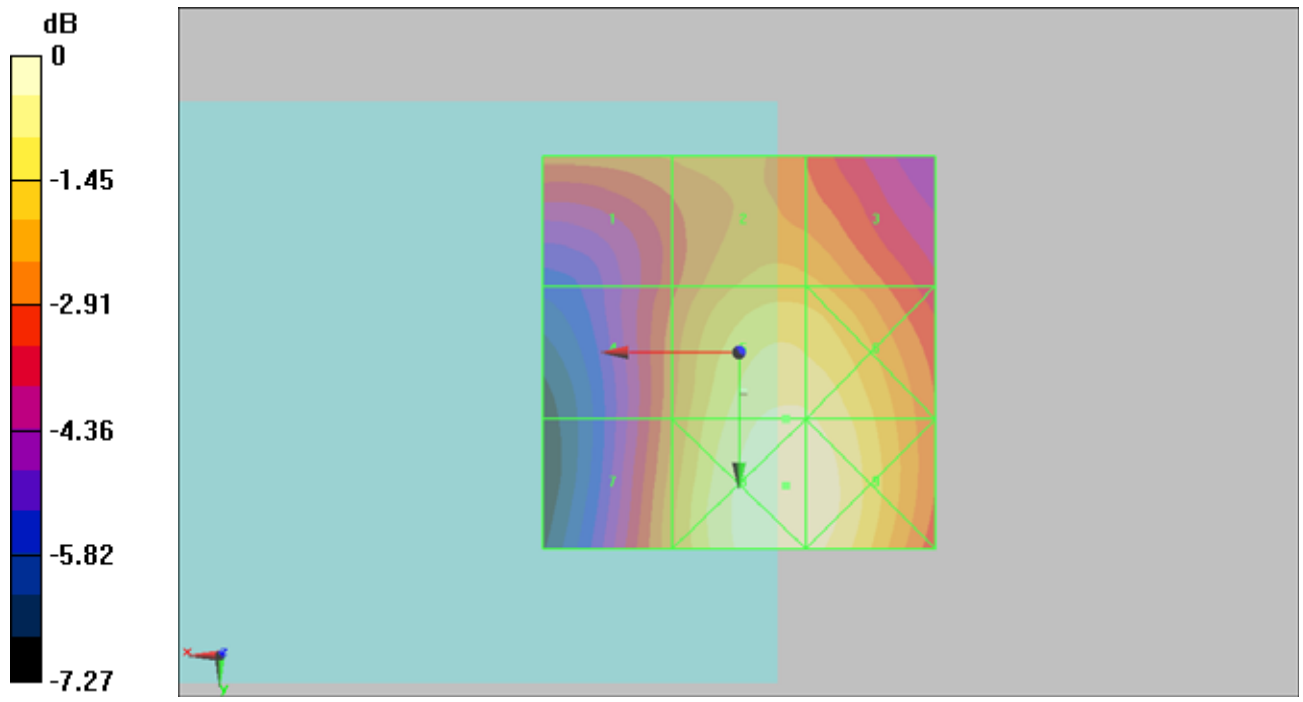
Grid 1	Grid 2	Grid 3
<b>56.7 M3</b>	<b>61.4 M3</b>	<b>60.7 M3</b>
Grid 4	Grid 5	Grid 6
<b>55.9 M3</b>	<b>71.4 M3</b>	<b>70.9 M3</b>
Grid 7	Grid 8	Grid 9
<b>58.9 M3</b>	<b>74.3 M3</b>	<b>73.9 M3</b>

**Cursor:**

Total = 74.3 V/m

E Category: M3

Location: -6, 17, 8.7 mm



0 dB = 74.3V/m

**#06 HAC\_E\_GSM1900\_Ch810\_Slide Left\_Battery 1**

**DUT: 062328**

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: 2009/9/18

- 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 = 64.7 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.2 V/m; Power Drift = 0.00623 dB

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

Peak E-field in V/m

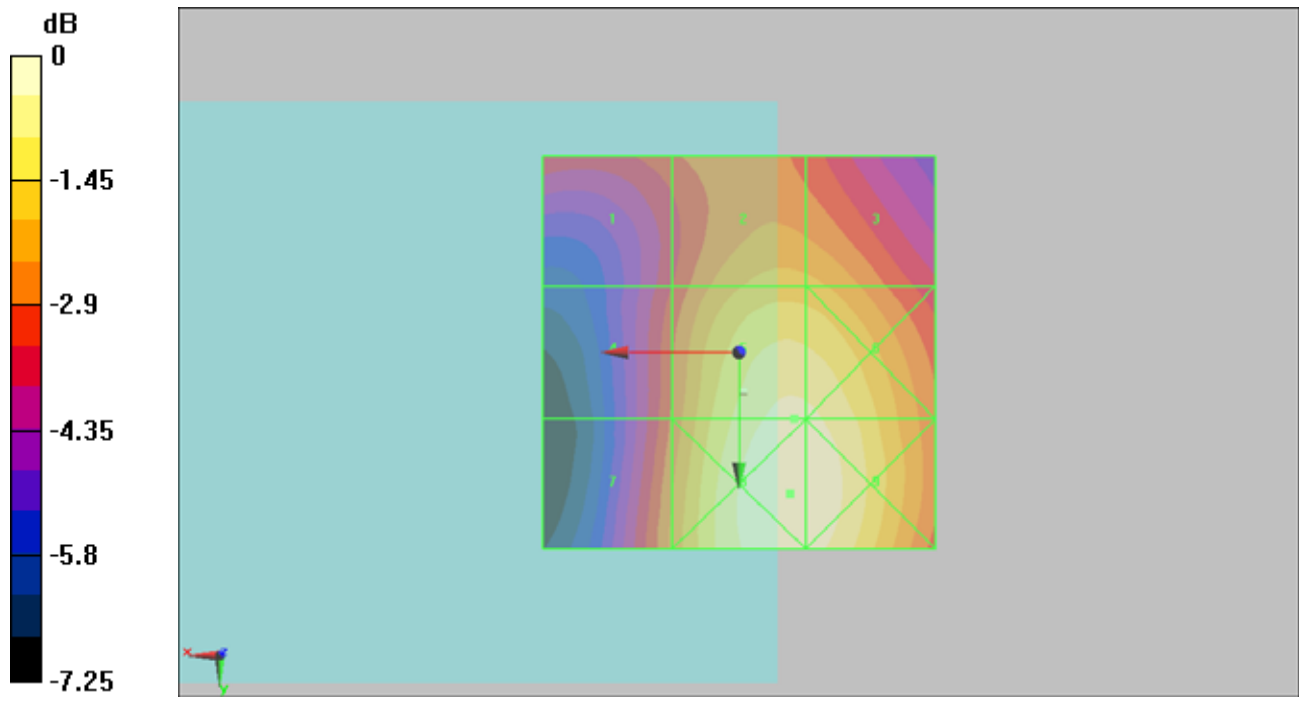
Grid 1 <b>47.6 M3</b>	Grid 2 <b>55.4 M3</b>	Grid 3 <b>55 M3</b>
Grid 4 <b>48.8 M3</b>	Grid 5 <b>64.7 M3</b>	Grid 6 <b>64.5 M3</b>
Grid 7 <b>51.8 M3</b>	Grid 8 <b>67.3 M3</b>	Grid 9 <b>66.9 M3</b>

**Cursor:**

Total = 67.3 V/m

E Category: M3

Location: -6.5, 18, 8.7 mm



0 dB = 67.3V/m

**#01 HAC\_E\_GSM1900\_Ch512\_Slide Off\_Battery 2****DUT: 062328**

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 : 22.6

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 75.1 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.8 V/m; Power Drift = 0.167 dB

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

Peak E-field in V/m

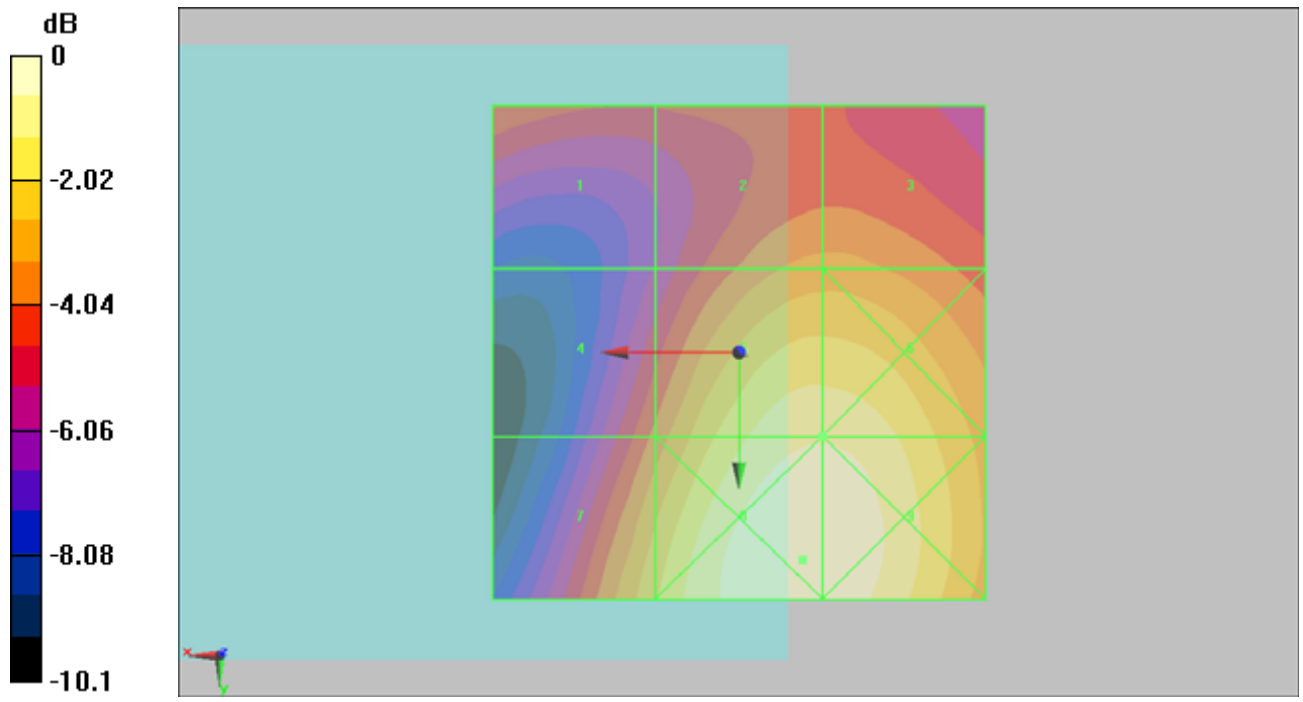
Grid 1	Grid 2	Grid 3
<b>51.8 M3</b>	<b>57.3 M3</b>	<b>57.3 M3</b>
Grid 4	Grid 5	Grid 6
<b>52.8 M3</b>	<b>75.1 M3</b>	<b>75.1 M3</b>
Grid 7	Grid 8	Grid 9
<b>64.4 M3</b>	<b>81.8 M3</b>	<b>81.4 M3</b>

**Cursor:**

Total = 81.8 V/m

E Category: M3

Location: -6.5, 21, 8.7 mm



0 dB = 81.8V/m

**#57 HAC\_E\_GSM1900\_Ch512\_Slide Off\_Battery 1\_Sample2**

**DUT: 062328**

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 : 22.4

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 76.5 V/m

Probe Modulation Factor = 2.7

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.3 V/m; Power Drift = -0.061 dB

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

Peak E-field in V/m

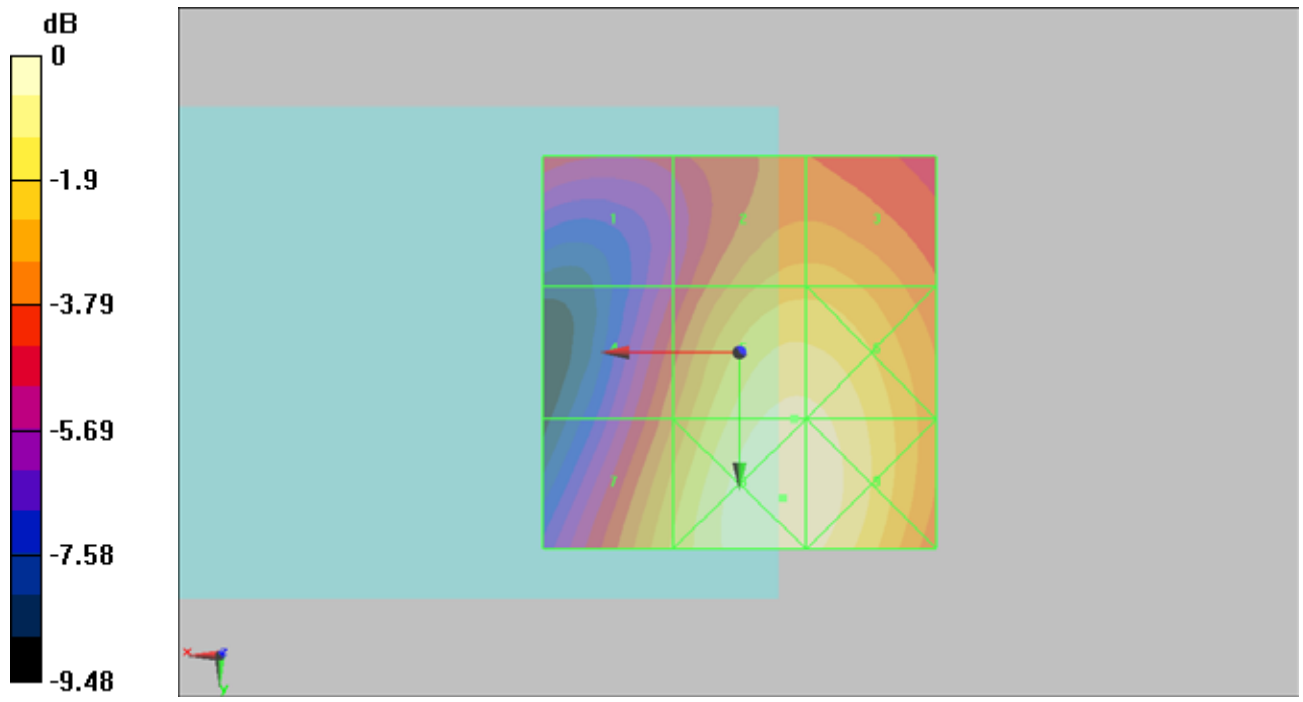
Grid 1	Grid 2	Grid 3
<b>47.6 M3</b>	<b>62.7 M3</b>	<b>62.7 M3</b>
Grid 4	Grid 5	Grid 6
<b>55.5 M3</b>	<b>76.5 M3</b>	<b>76.4 M3</b>
Grid 7	Grid 8	Grid 9
<b>65.2 M3</b>	<b>80.2 M3</b>	<b>79.3 M3</b>

**Cursor:**

Total = 80.2 V/m

E Category: M3

Location: -5.5, 18.5, 8.7 mm



0 dB = 80.2V/m



**#22 HAC\_E\_WCDMA V\_Ch4132\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 37.3 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 47.7 V/m; Power Drift = -0.217 dB

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

Peak E-field in V/m

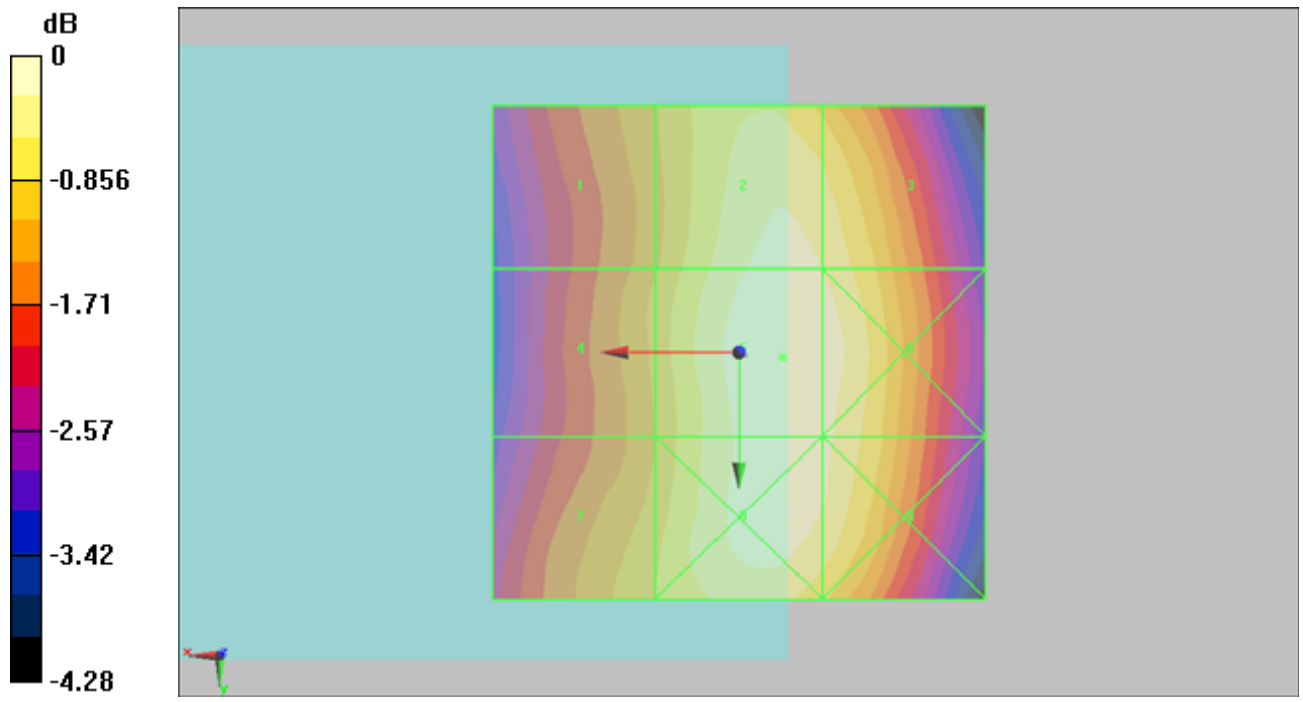
Grid 1 <b>32.6 M4</b>	Grid 2 <b>36.6 M4</b>	Grid 3 <b>36.1 M4</b>
Grid 4 <b>33.1 M4</b>	Grid 5 <b>37.3 M4</b>	Grid 6 <b>36.9 M4</b>
Grid 7 <b>33.8 M4</b>	Grid 8 <b>37 M4</b>	Grid 9 <b>36.4 M4</b>

**Cursor:**

Total = 37.3 V/m

E Category: M4

Location: -4.5, 0.5, 8.7 mm



0 dB = 37.3V/m

**#23 HAC\_E\_WCDMA V\_Ch4182\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 33 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 41 V/m; Power Drift = 0.064 dB

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

Peak E-field in V/m

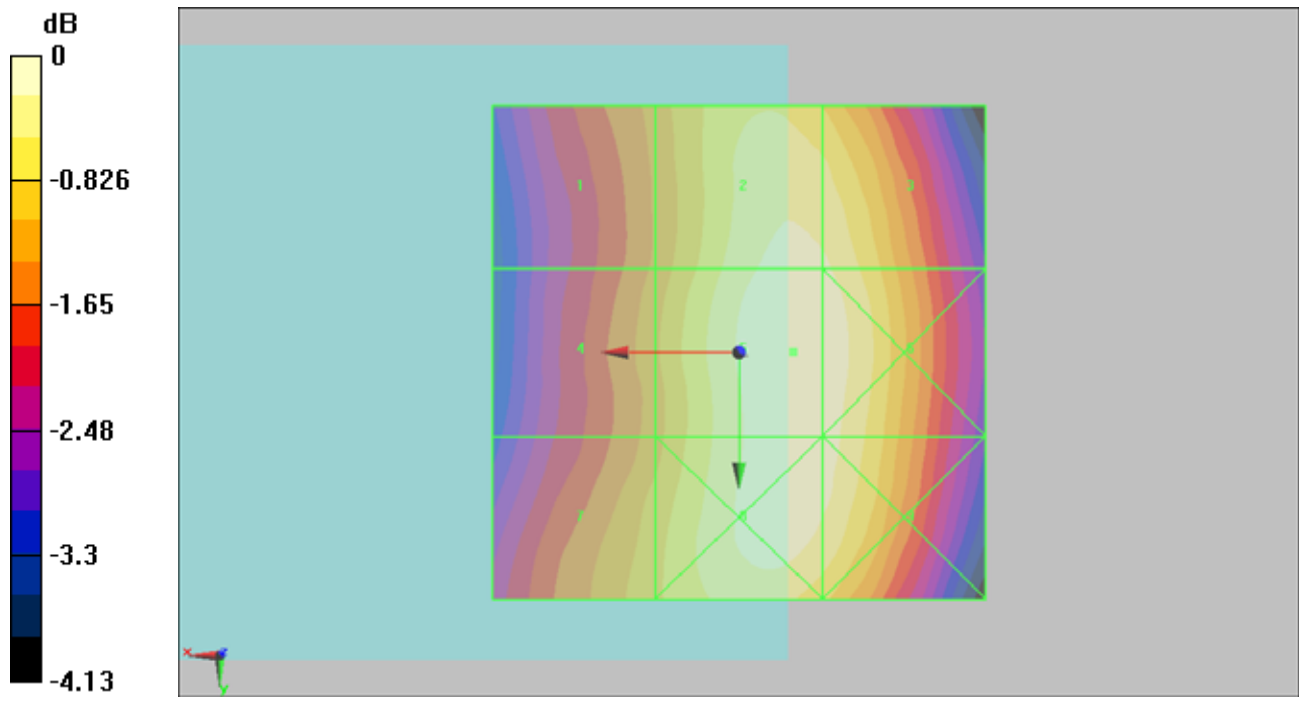
Grid 1 <b>28.5 M4</b>	Grid 2 <b>32.4 M4</b>	Grid 3 <b>32.2 M4</b>
Grid 4 <b>28.9 M4</b>	Grid 5 <b>33 M4</b>	Grid 6 <b>32.7 M4</b>
Grid 7 <b>29.8 M4</b>	Grid 8 <b>32.7 M4</b>	Grid 9 <b>32.5 M4</b>

**Cursor:**

Total = 33 V/m

E Category: M4

Location: -5.5, 0, 8.7 mm



0 dB = 33V/m

**#24 HAC\_E\_WCDMA V\_Ch4233\_Slide Off\_Battery 1****DUT:062328**

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: 2009/9/18
- 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 = 40.3 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 48.5 V/m; Power Drift = 0.346 dB

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

Peak E-field in V/m

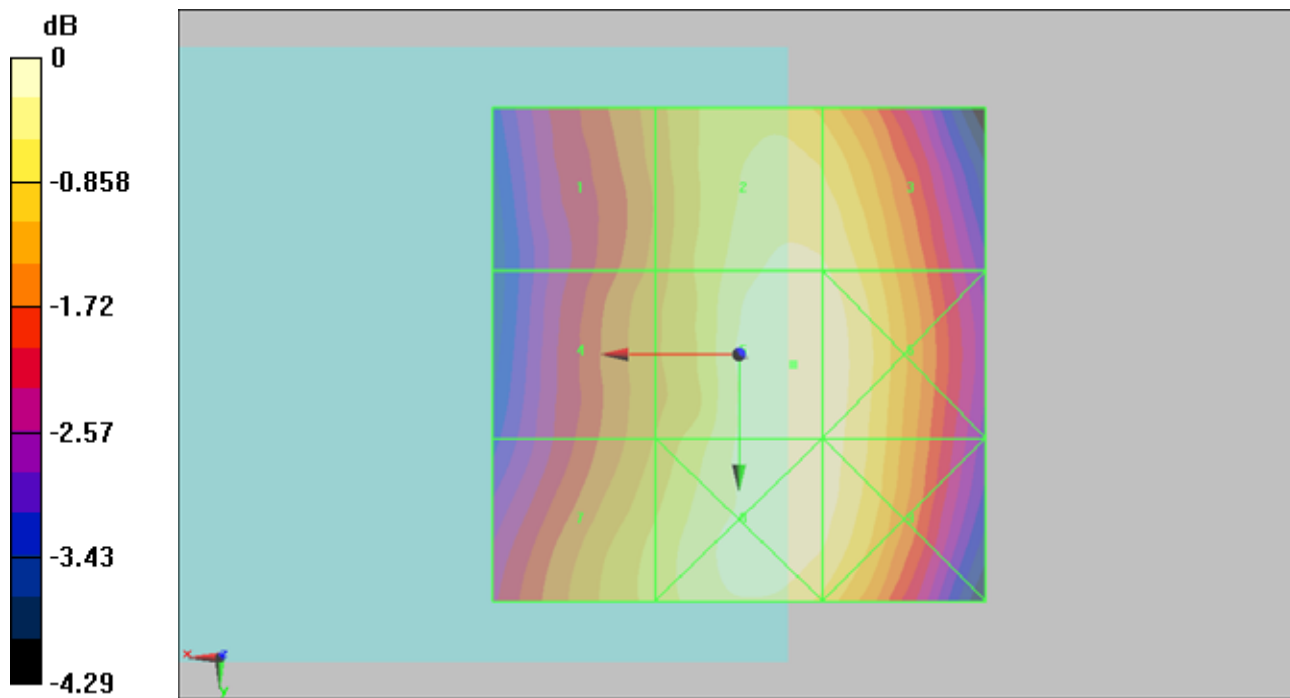
Grid 1 <b>34.8 M4</b>	Grid 2 <b>39.4 M4</b>	Grid 3 <b>39.2 M4</b>
Grid 4 <b>35.4 M4</b>	Grid 5 <b>40.3 M4</b>	Grid 6 <b>40 M4</b>
Grid 7 <b>37.1 M4</b>	Grid 8 <b>40.3 M4</b>	Grid 9 <b>39.8 M4</b>

**Cursor:**

Total = 40.3 V/m

E Category: M4

Location: -5.5, 1, 8.7 mm



0 dB = 40.3V/m

**#25 HAC\_E\_WCDMA V\_Ch4132\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 34.3 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43 V/m; Power Drift = 0.104 dB

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

Peak E-field in V/m

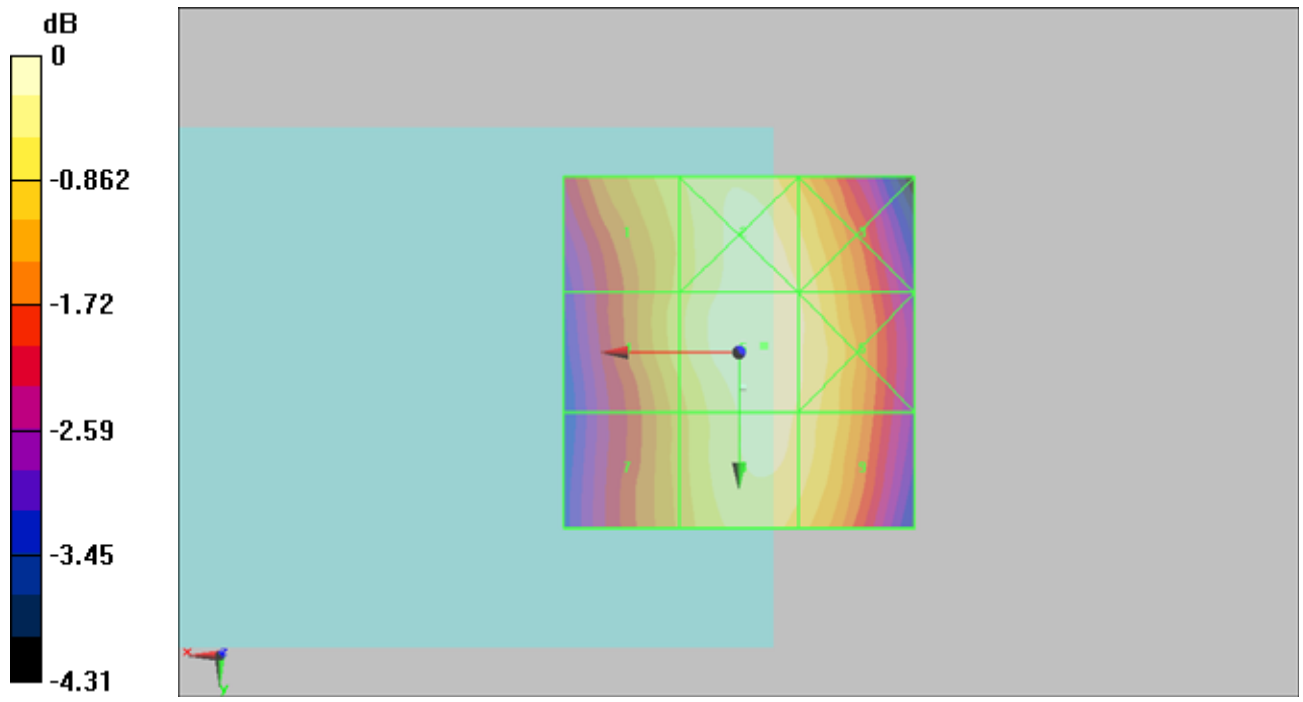
Grid 1 <b>32 M4</b>	Grid 2 <b>34 M4</b>	Grid 3 <b>33.2 M4</b>
Grid 4 <b>31.8 M4</b>	Grid 5 <b>34.3 M4</b>	Grid 6 <b>33.4 M4</b>
Grid 7 <b>30.6 M4</b>	Grid 8 <b>33.7 M4</b>	Grid 9 <b>33 M4</b>

**Cursor:**

Total = 34.3 V/m

E Category: M4

Location: -3.5, -1, 8.7 mm



0 dB = 34.3V/m



**#26 HAC\_E\_WCDMA V\_Ch4182\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 29.9 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.3 V/m; Power Drift = 0.101 dB

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

Peak E-field in V/m

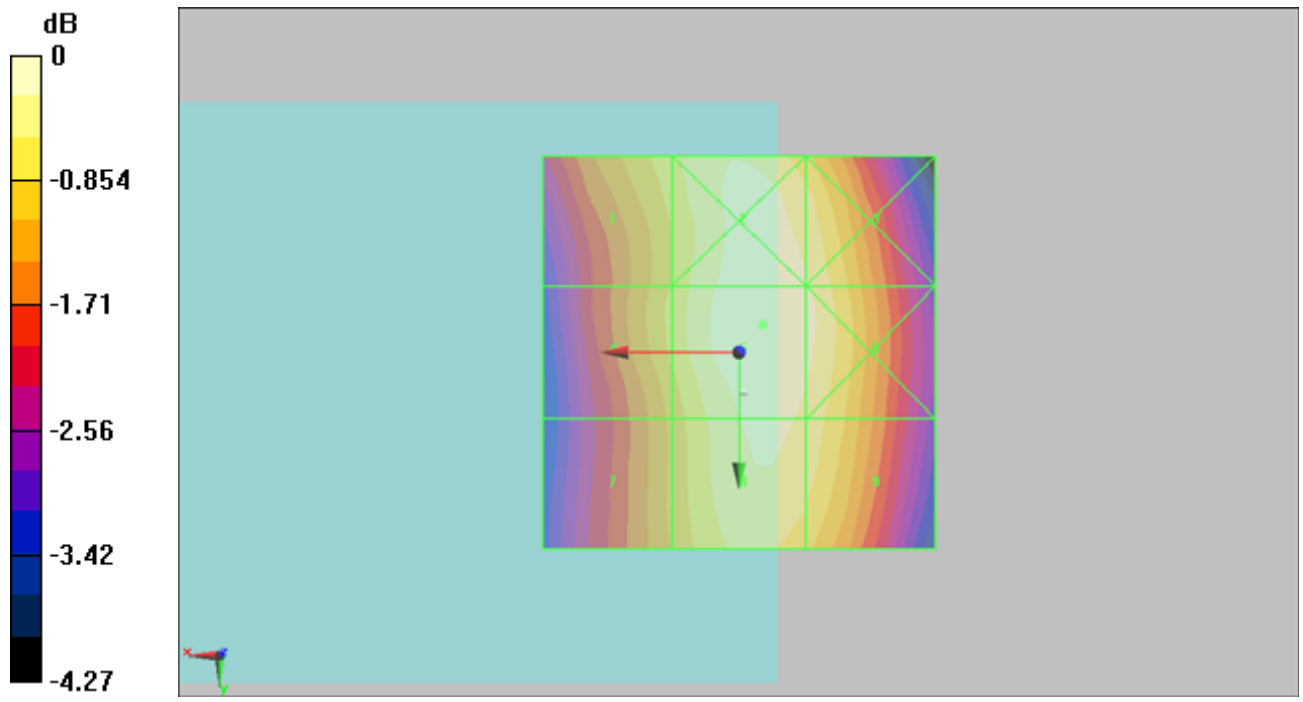
Grid 1 <b>27.8 M4</b>	Grid 2 <b>29.7 M4</b>	Grid 3 <b>29.1 M4</b>
Grid 4 <b>27.4 M4</b>	Grid 5 <b>29.9 M4</b>	Grid 6 <b>29.3 M4</b>
Grid 7 <b>26.5 M4</b>	Grid 8 <b>29.2 M4</b>	Grid 9 <b>28.7 M4</b>

**Cursor:**

Total = 29.9 V/m

E Category: M4

Location: -3, -3.5, 8.7 mm



0 dB = 29.9V/m

**#27 HAC\_E\_WCDMA V\_Ch4233\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 38.9 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.3 V/m; Power Drift = -0.070 dB

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

Peak E-field in V/m

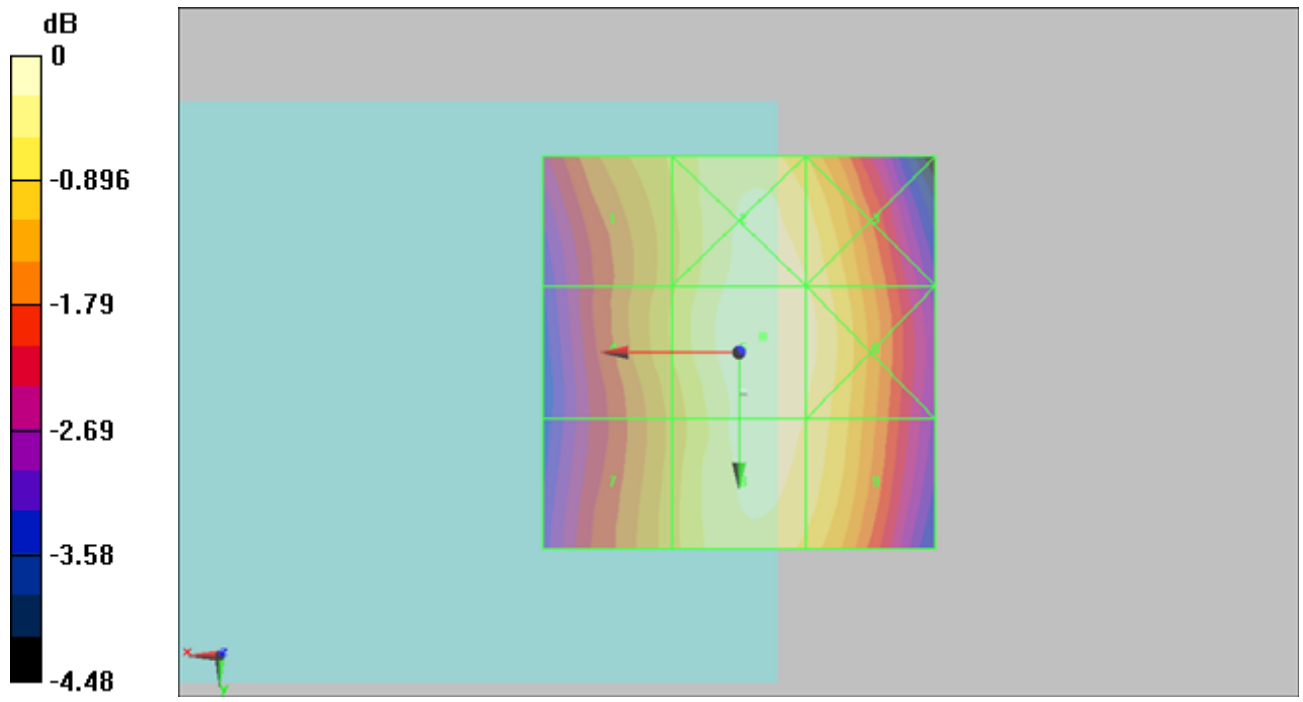
Grid 1	Grid 2	Grid 3
<b>35.3 M4</b>	<b>38.5 M4</b>	<b>37.7 M4</b>
Grid 4	Grid 5	Grid 6
<b>35.3 M4</b>	<b>38.9 M4</b>	<b>38.1 M4</b>
Grid 7	Grid 8	Grid 9
<b>34.7 M4</b>	<b>38.2 M4</b>	<b>37.5 M4</b>

**Cursor:**

Total = 38.9 V/m

E Category: M4

Location: -3, -2, 8.7 mm



0 dB = 38.9V/m

**#28 HAC\_E\_WCDMA V\_Ch4233\_Slide Off\_Battery 2****DUT: 062328**

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: 2009/9/18
- 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 = 43 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 53.7 V/m; Power Drift = -0.0064 dB

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

Peak E-field in V/m

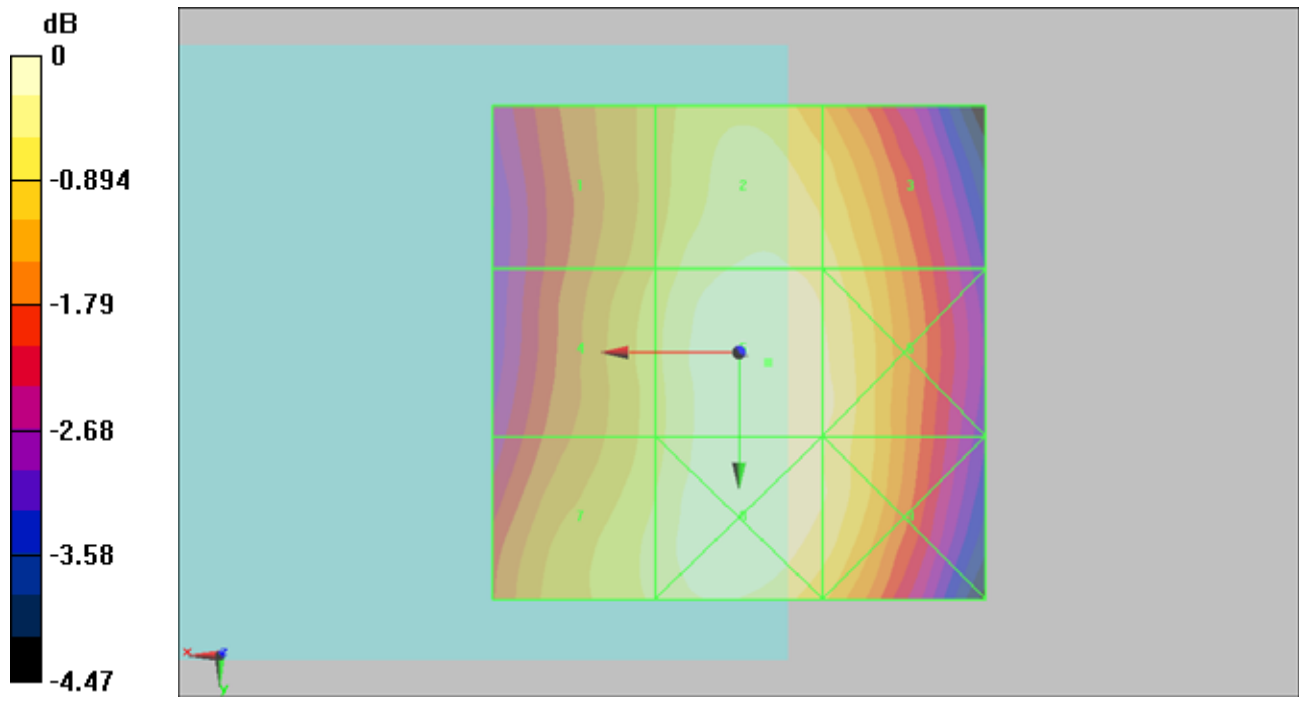
Grid 1 <b>38.9 M4</b>	Grid 2 <b>41.9 M4</b>	Grid 3 <b>40.9 M4</b>
Grid 4 <b>39.8 M4</b>	Grid 5 <b>43 M4</b>	Grid 6 <b>42 M4</b>
Grid 7 <b>40.7 M4</b>	Grid 8 <b>42.8 M4</b>	Grid 9 <b>41.7 M4</b>

**Cursor:**

Total = 43 V/m

E Category: M4

Location: -3, 1, 8.7 mm



0 dB = 43V/m

**#60 HAC\_E\_WCDMA V\_Ch4233\_Slide Off\_Battery 2\_Sample 2****DUT: 062328**

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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 46.1 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 58.2 V/m; Power Drift = 0.067 dB

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

Peak E-field in V/m

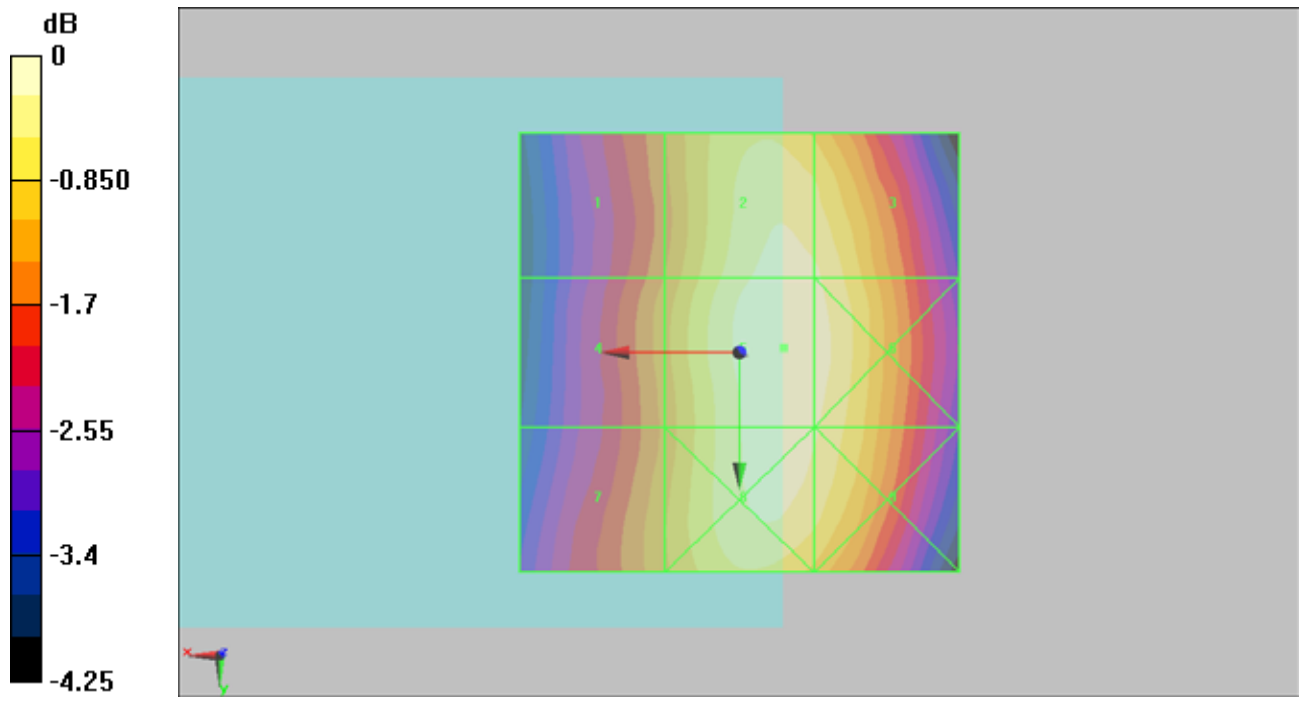
Grid 1 <b>39.3 M4</b>	Grid 2 <b>45.3 M4</b>	Grid 3 <b>44.9 M4</b>
Grid 4 <b>40.1 M4</b>	Grid 5 <b>46.1 M4</b>	Grid 6 <b>45.5 M4</b>
Grid 7 <b>40.4 M4</b>	Grid 8 <b>45.5 M4</b>	Grid 9 <b>44.8 M4</b>

**Cursor:**

Total = 46.1 V/m

E Category: M4

Location: -5, -0.5, 8.7 mm



0 dB = 46.1V/m



**#15 HAC\_E\_WCDMA II\_Ch9262\_Slide Off\_Battery 1**

**DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 35 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.8 V/m; Power Drift = -0.162 dB

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

Peak E-field in V/m

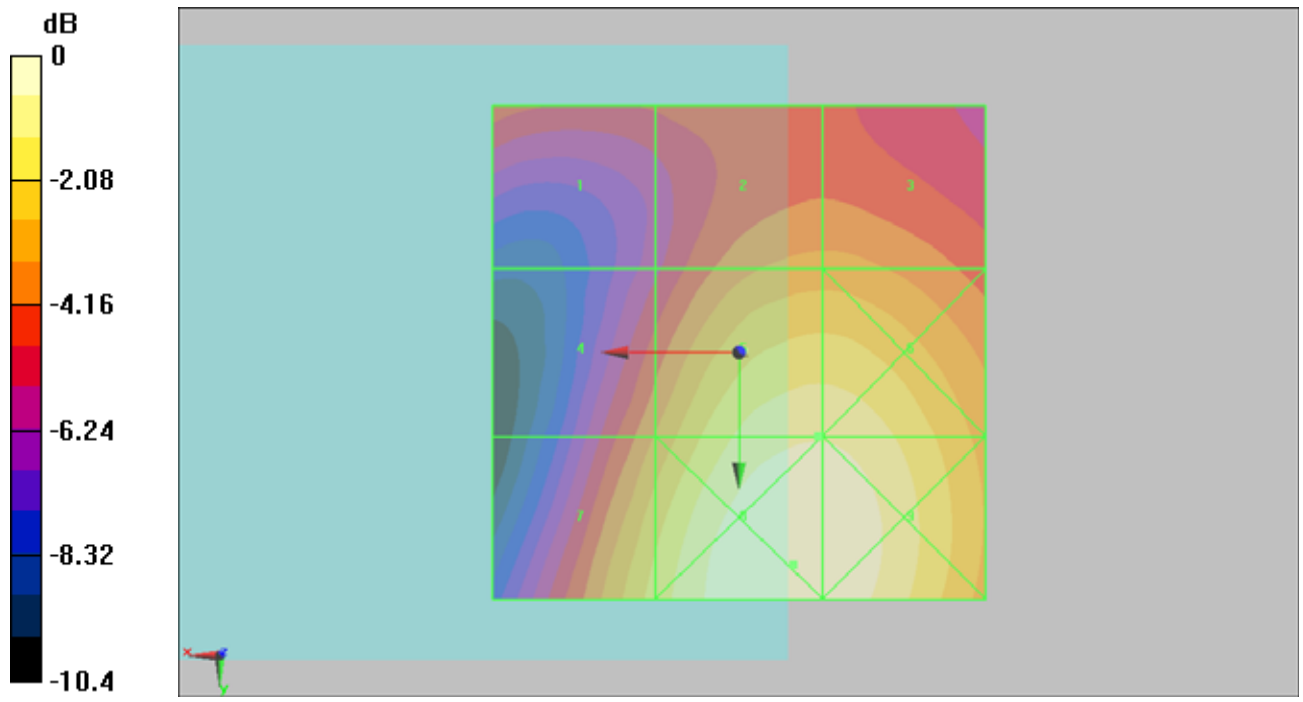
Grid 1 <b>23 M4</b>	Grid 2 <b>26.5 M4</b>	Grid 3 <b>26.5 M4</b>
Grid 4 <b>25.8 M4</b>	Grid 5 <b>35 M4</b>	Grid 6 <b>35 M4</b>
Grid 7 <b>31.1 M4</b>	Grid 8 <b>38.2 M4</b>	Grid 9 <b>38 M4</b>

**Cursor:**

Total = 38.2 V/m

E Category: M4

Location: -5.5, 21.5, 8.7 mm



0 dB = 38.2V/m

**#16 HAC\_E\_WCDMA II\_Ch9400\_Slide Off\_Battery 1**

**DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 34.3 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.4 V/m; Power Drift = -0.063 dB

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

Peak E-field in V/m

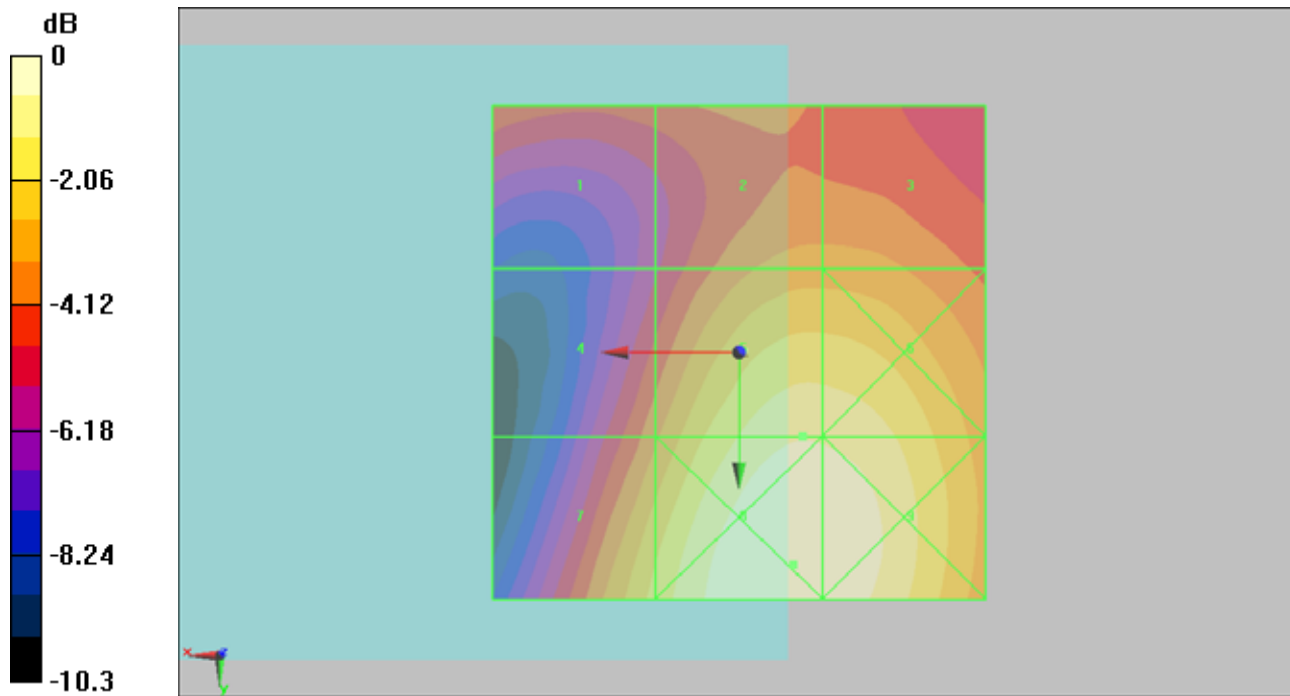
Grid 1 <b>23.2 M4</b>	Grid 2 <b>26.2 M4</b>	Grid 3 <b>26.2 M4</b>
Grid 4 <b>24.7 M4</b>	Grid 5 <b>34.3 M4</b>	Grid 6 <b>34.1 M4</b>
Grid 7 <b>30.3 M4</b>	Grid 8 <b>37.3 M4</b>	Grid 9 <b>37 M4</b>

**Cursor:**

Total = 37.3 V/m

E Category: M4

Location: -5.5, 21.5, 8.7 mm



0 dB = 37.3V/m

**#17 HAC\_E\_WCDMA II\_Ch9538\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 34.6 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.7 V/m; Power Drift = -0.102 dB

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

Peak E-field in V/m

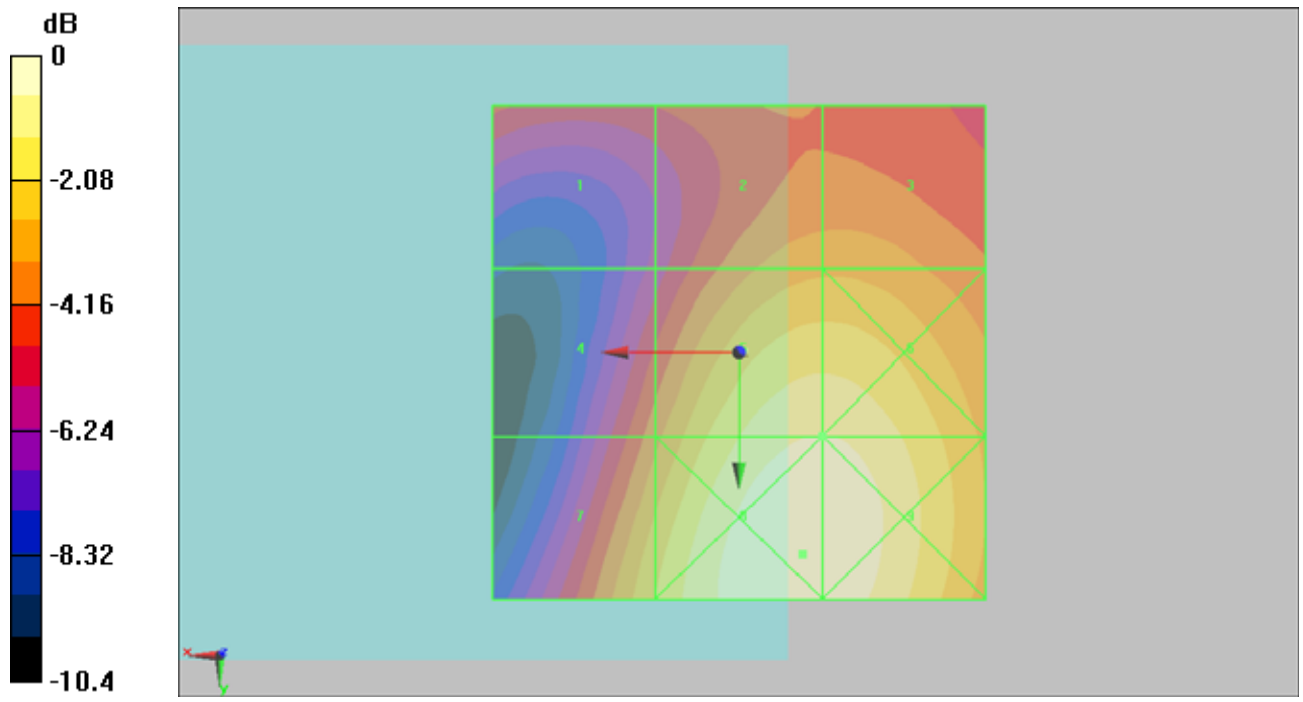
Grid 1 <b>22 M4</b>	Grid 2 <b>26.8 M4</b>	Grid 3 <b>26.8 M4</b>
Grid 4 <b>24.5 M4</b>	Grid 5 <b>34.6 M4</b>	Grid 6 <b>34.6 M4</b>
Grid 7 <b>29.5 M4</b>	Grid 8 <b>37.4 M4</b>	Grid 9 <b>37.2 M4</b>

**Cursor:**

Total = 37.4 V/m

E Category: M4

Location: -6.5, 20.5, 8.7 mm



0 dB = 37.4V/m

**#18 HAC\_E\_WCDMA II\_Ch9262\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.6

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 31.7 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.9 V/m; Power Drift = 0.126 dB

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

Peak E-field in V/m

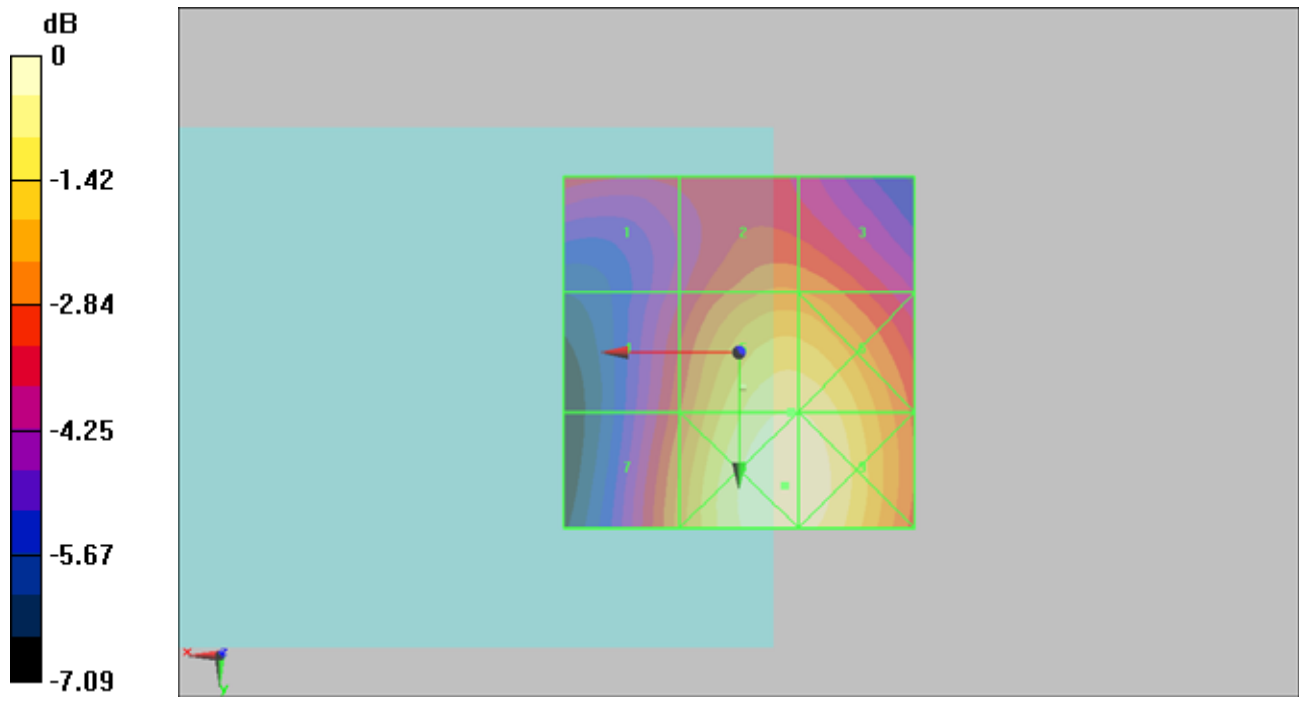
Grid 1 <b>22.7 M4</b>	Grid 2 <b>25.8 M4</b>	Grid 3 <b>25.6 M4</b>
Grid 4 <b>24 M4</b>	Grid 5 <b>31.7 M4</b>	Grid 6 <b>31.7 M4</b>
Grid 7 <b>26.1 M4</b>	Grid 8 <b>33.4 M4</b>	Grid 9 <b>33.2 M4</b>

**Cursor:**

Total = 33.4 V/m

E Category: M4

Location: -6.5, 19, 8.7 mm



0 dB = 33.4V/m



**#19 HAC\_E\_WCDMA II\_Ch9400\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 36.4 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 41.1 V/m; Power Drift = -0.052 dB

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

Peak E-field in V/m

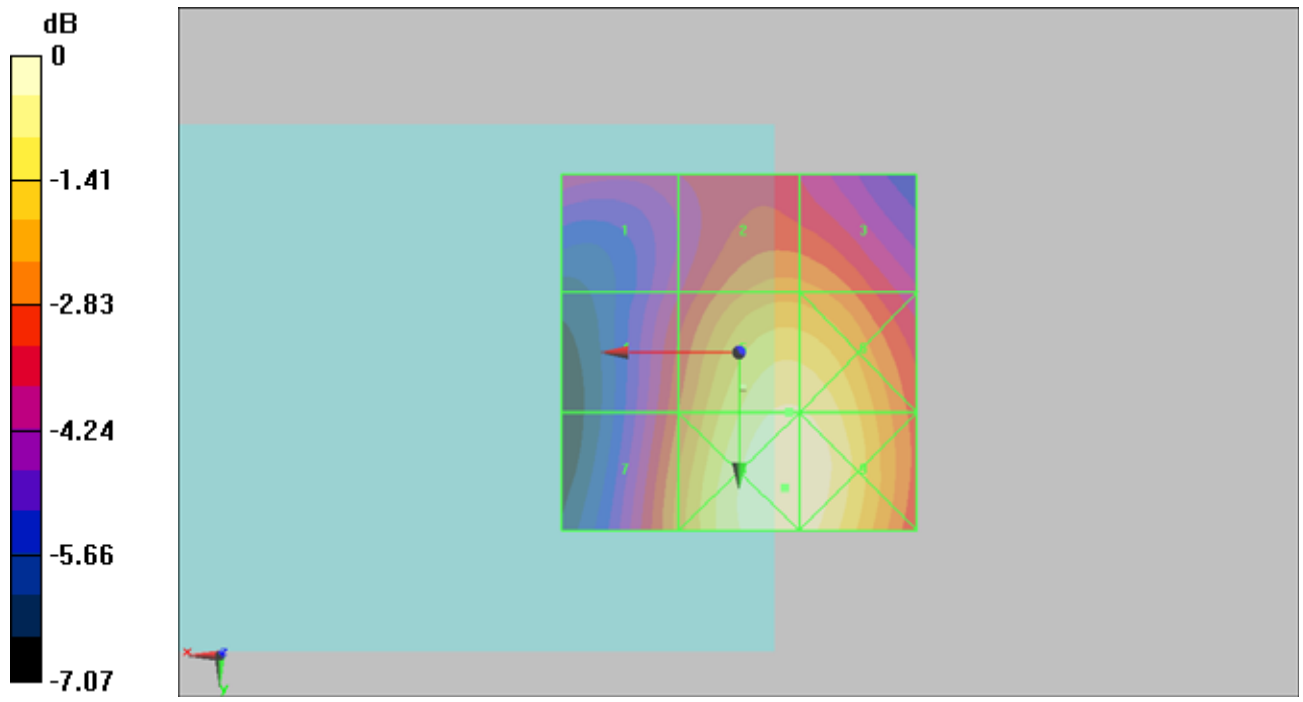
Grid 1 <b>24.8 M4</b>	Grid 2 <b>29.9 M4</b>	Grid 3 <b>29.8 M4</b>
Grid 4 <b>27.5 M4</b>	Grid 5 <b>36.4 M4</b>	Grid 6 <b>36.2 M4</b>
Grid 7 <b>29.7 M4</b>	Grid 8 <b>38 M4</b>	Grid 9 <b>37.8 M4</b>

**Cursor:**

Total = 38 V/m

E Category: M4

Location: -6.5, 19, 8.7 mm



0 dB = 38V/m

**#20 HAC\_E\_WCDMA II\_Ch9538\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.6

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 35.5 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.7 V/m; Power Drift = 0.030 dB

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

Peak E-field in V/m

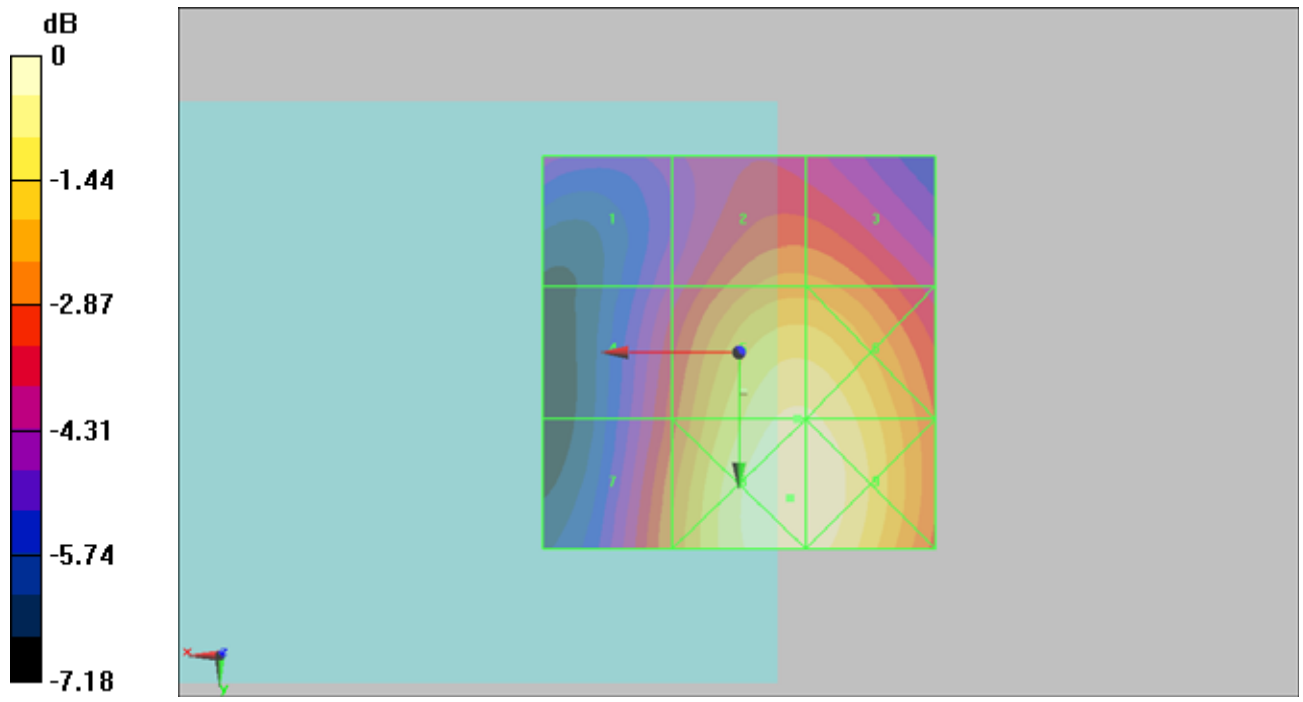
Grid 1 <b>22.8 M4</b>	Grid 2 <b>28.9 M4</b>	Grid 3 <b>28.9 M4</b>
Grid 4 <b>26 M4</b>	Grid 5 <b>35.5 M4</b>	Grid 6 <b>35.4 M4</b>
Grid 7 <b>28.3 M4</b>	Grid 8 <b>37 M4</b>	Grid 9 <b>36.9 M4</b>

**Cursor:**

Total = 37 V/m

E Category: M4

Location: -6.5, 18.5, 8.7 mm



0 dB = 37V/m

**#21 HAC\_E\_WCDMA II\_Ch9400\_Slide Left\_Battery 2****DUT: 062328**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 36.1 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 44.6 V/m; Power Drift = -0.619 dB

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

Peak E-field in V/m

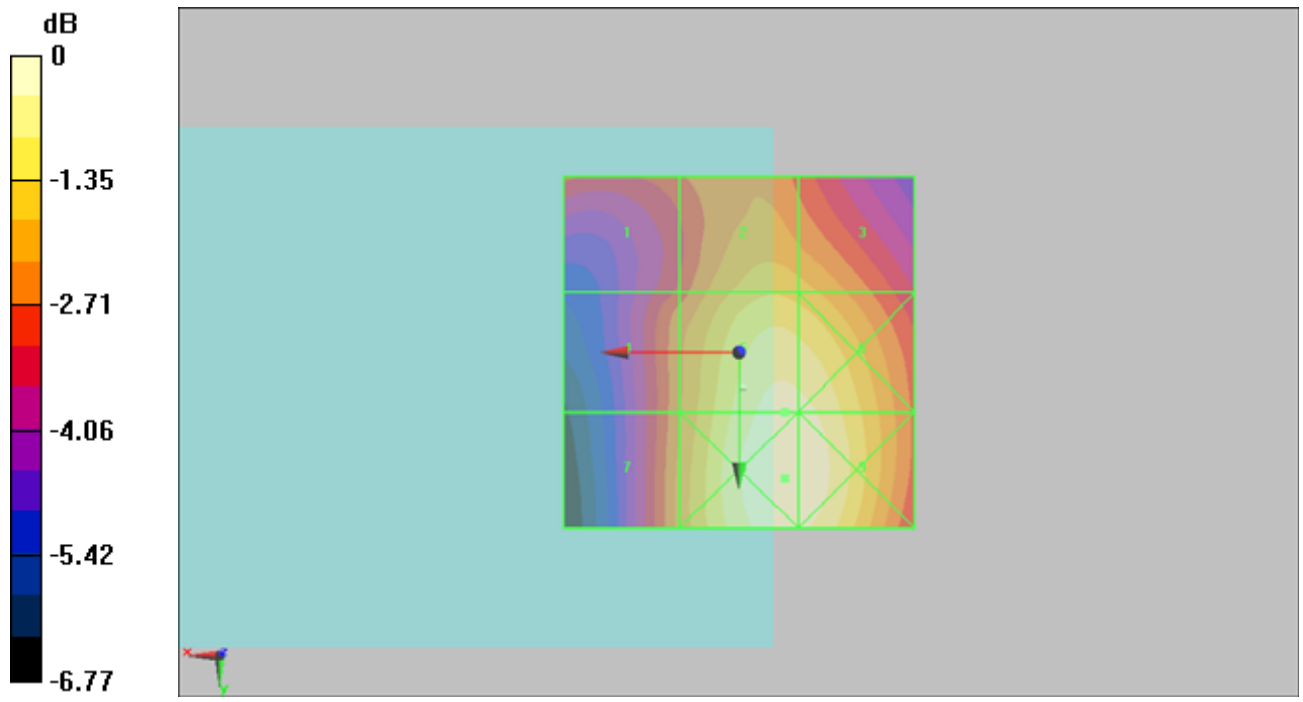
Grid 1 <b>26.9 M4</b>	Grid 2 <b>31.7 M4</b>	Grid 3 <b>31.1 M4</b>
Grid 4 <b>28.5 M4</b>	Grid 5 <b>36.1 M4</b>	Grid 6 <b>35.9 M4</b>
Grid 7 <b>29.2 M4</b>	Grid 8 <b>37.1 M4</b>	Grid 9 <b>36.9 M4</b>

**Cursor:**

Total = 37.1 V/m

E Category: M4

Location: -6.5, 18, 8.7 mm



0 dB = 37.1V/m

**#59 HAC\_E\_WCDMA II\_Ch9400\_Slide Left\_Battery 1\_Sample 2****DUT: 062328**

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: 2009/9/18
- 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 = 27.7 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.7 V/m; Power Drift = -0.105 dB

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

Peak E-field in V/m

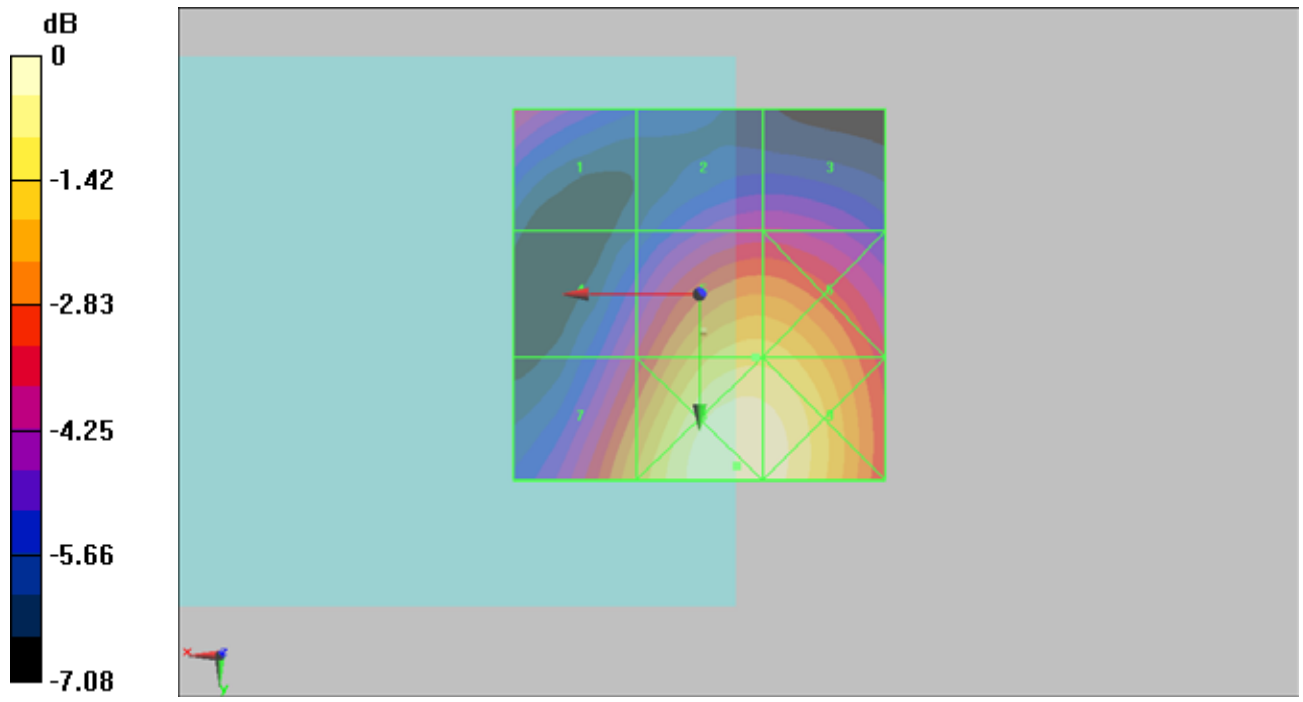
Grid 1 <b>20.9 M4</b>	Grid 2 <b>19.6 M4</b>	Grid 3 <b>19.6 M4</b>
Grid 4 <b>20.6 M4</b>	Grid 5 <b>27.7 M4</b>	Grid 6 <b>27.7 M4</b>
Grid 7 <b>25.5 M4</b>	Grid 8 <b>31.4 M4</b>	Grid 9 <b>31 M4</b>

**Cursor:**

Total = 31.4 V/m

E Category: M4

Location: -5, 23, 8.7 mm



0 dB = 31.4V/m



**#36 HAC\_H\_GSM850 Ch128\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.114 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.039 A/m; Power Drift = -0.261 dB

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

Peak H-field in A/m

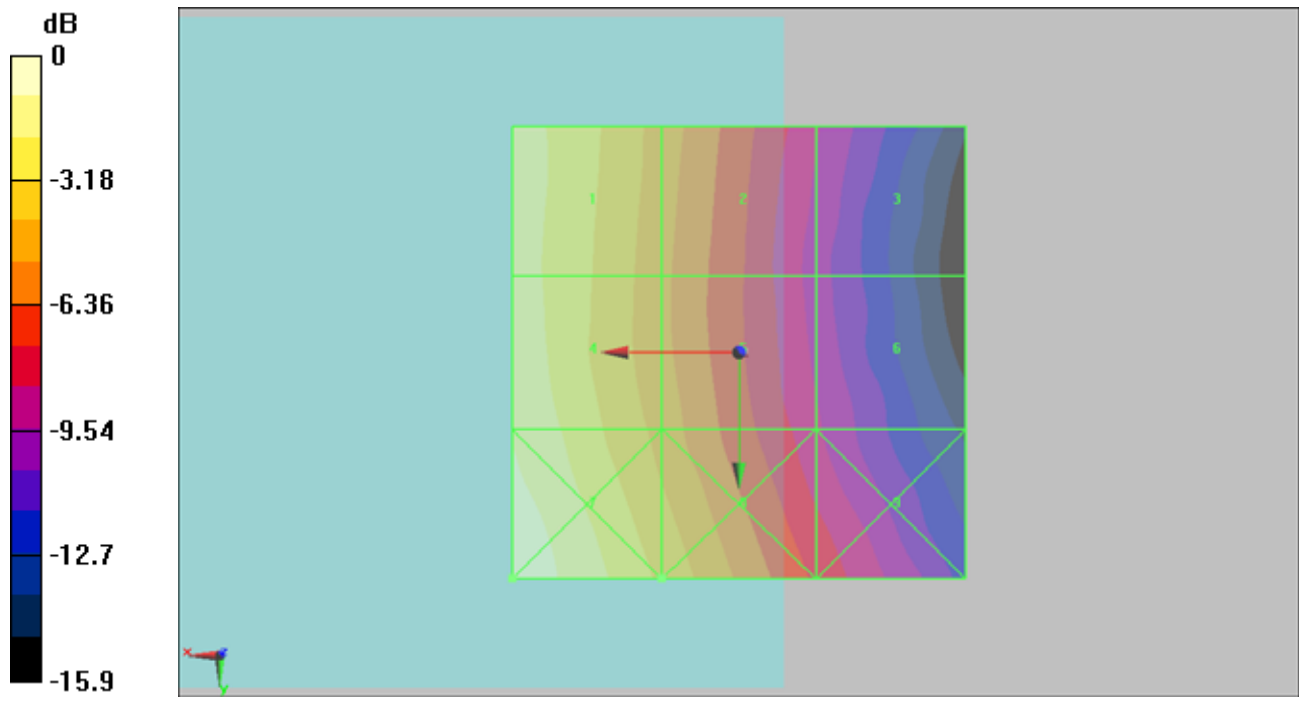
Grid 1 <b>0.111 M4</b>	Grid 2 <b>0.076 M4</b>	Grid 3 <b>0.044 M4</b>
Grid 4 <b>0.114 M4</b>	Grid 5 <b>0.076 M4</b>	Grid 6 <b>0.045 M4</b>
Grid 7 <b>0.130 M4</b>	Grid 8 <b>0.088 M4</b>	Grid 9 <b>0.054 M4</b>

**Cursor:**

Total = 0.130 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.130A/m

**#37 HAC\_H\_GSM850 Ch189\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.118 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.039 A/m; Power Drift = -0.094 dB

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

Peak H-field in A/m

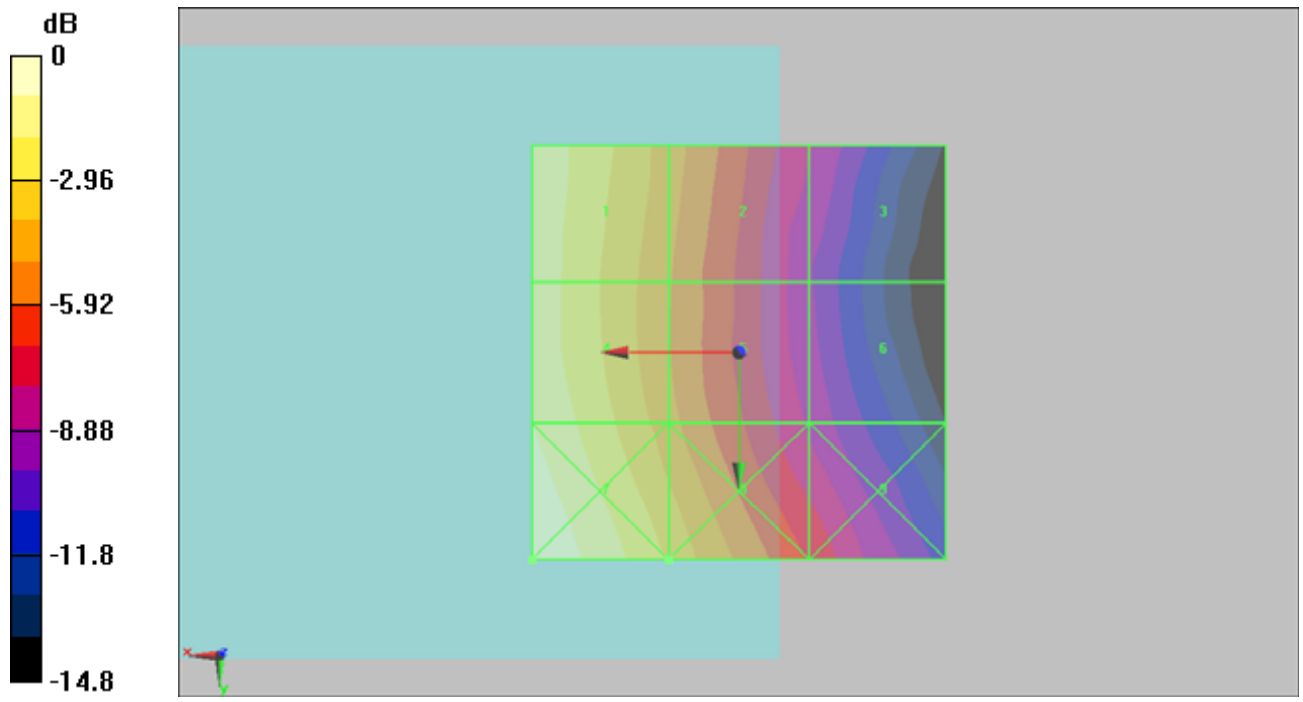
Grid 1 <b>0.116 M4</b>	Grid 2 <b>0.079 M4</b>	Grid 3 <b>0.048 M4</b>
Grid 4 <b>0.118 M4</b>	Grid 5 <b>0.079 M4</b>	Grid 6 <b>0.047 M4</b>
Grid 7 <b>0.132 M4</b>	Grid 8 <b>0.093 M4</b>	Grid 9 <b>0.059 M4</b>

**Cursor:**

Total = 0.132 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.132A/m

**#38 HAC\_H\_GSM850 Ch251\_Slide Off\_Battery 1**

**DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.133 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.045 A/m; Power Drift = -0.089 dB

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

Peak H-field in A/m

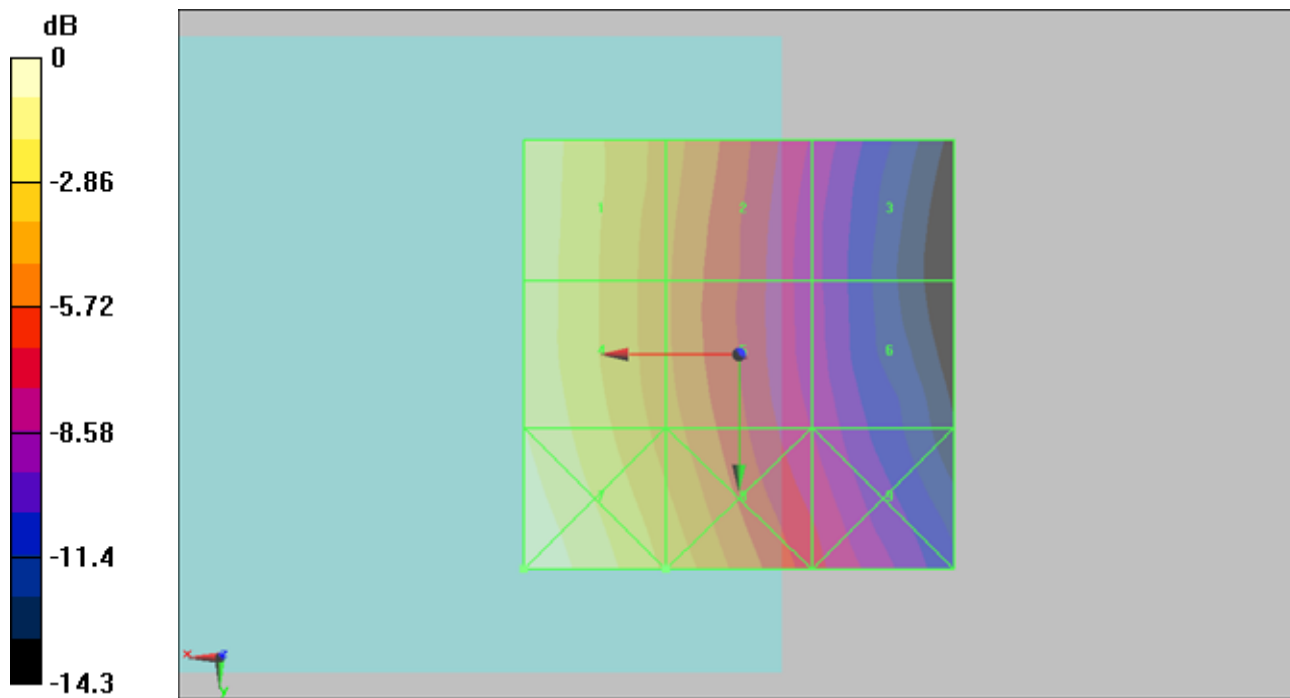
Grid 1 <b>0.131 M4</b>	Grid 2 <b>0.091 M4</b>	Grid 3 <b>0.055 M4</b>
Grid 4 <b>0.133 M4</b>	Grid 5 <b>0.091 M4</b>	Grid 6 <b>0.055 M4</b>
Grid 7 <b>0.148 M4</b>	Grid 8 <b>0.105 M4</b>	Grid 9 <b>0.065 M4</b>

**Cursor:**

Total = 0.148 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.148A/m

**#39 HAC\_H\_GSM850 Ch128\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.130 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.036 A/m; Power Drift = -0.162 dB

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

Peak H-field in A/m

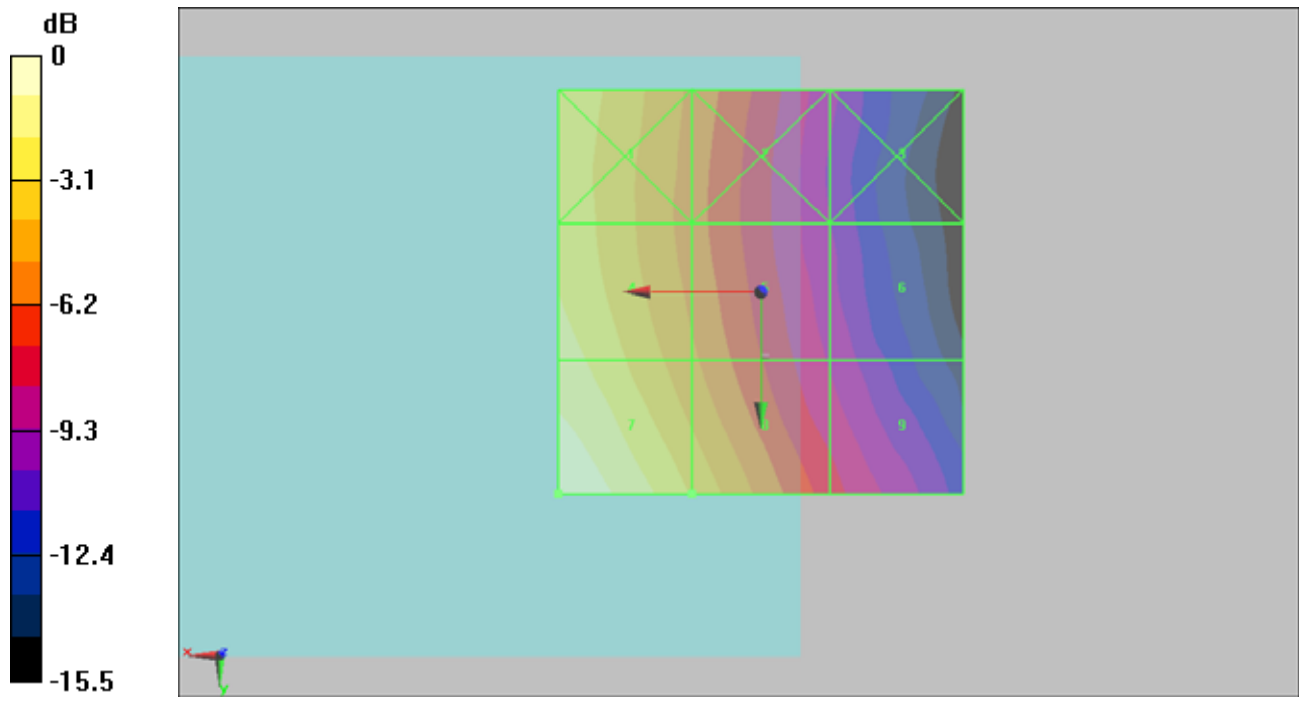
Grid 1 <b>0.101 M4</b>	Grid 2 <b>0.070 M4</b>	Grid 3 <b>0.041 M4</b>
Grid 4 <b>0.109 M4</b>	Grid 5 <b>0.074 M4</b>	Grid 6 <b>0.044 M4</b>
Grid 7 <b>0.130 M4</b>	Grid 8 <b>0.090 M4</b>	Grid 9 <b>0.053 M4</b>

**Cursor:**

Total = 0.130 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.130A/m



**#40 HAC\_H\_GSM850 Ch189\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.144 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.039 A/m; Power Drift = -0.039 dB

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

Peak H-field in A/m

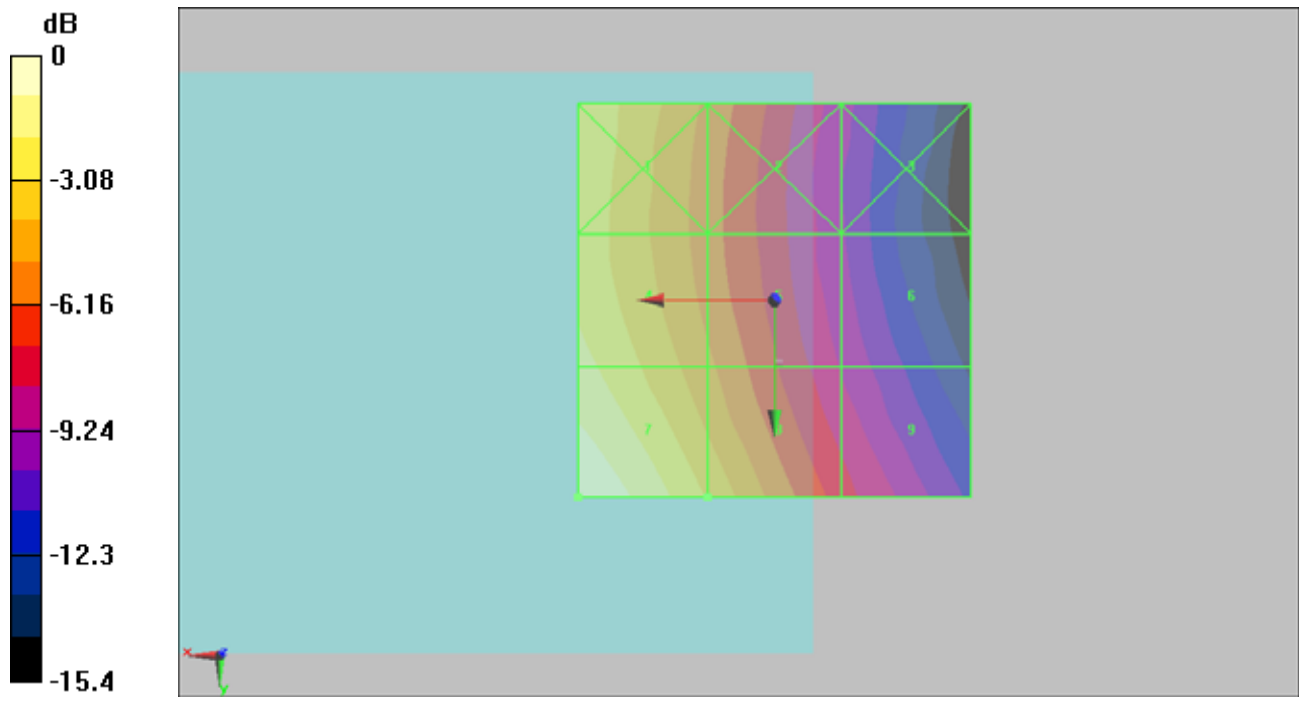
Grid 1 <b>0.113 M4</b>	Grid 2 <b>0.078 M4</b>	Grid 3 <b>0.047 M4</b>
Grid 4 <b>0.119 M4</b>	Grid 5 <b>0.082 M4</b>	Grid 6 <b>0.049 M4</b>
Grid 7 <b>0.144 M4</b>	Grid 8 <b>0.100 M4</b>	Grid 9 <b>0.059 M4</b>

**Cursor:**

Total = 0.144 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.144A/m

**#41 HAC\_H\_GSM850 Ch251\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.178 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.048 A/m; Power Drift = 0.047 dB

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

Peak H-field in A/m

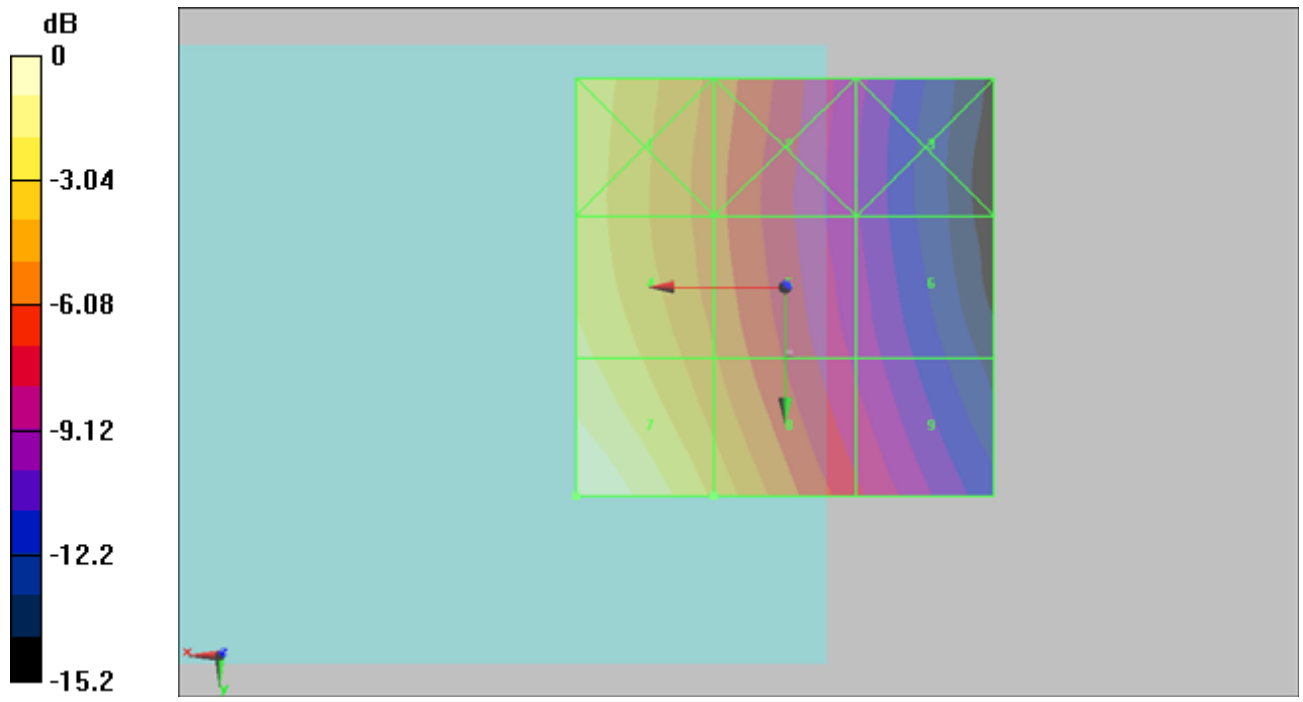
Grid 1 <b>0.138 M4</b>	Grid 2 <b>0.096 M4</b>	Grid 3 <b>0.058 M4</b>
Grid 4 <b>0.146 M4</b>	Grid 5 <b>0.101 M4</b>	Grid 6 <b>0.061 M4</b>
Grid 7 <b>0.178 M4</b>	Grid 8 <b>0.123 M4</b>	Grid 9 <b>0.072 M4</b>

**Cursor:**

Total = 0.178 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.178A/m

**#42 HAC\_H\_GSM850 Ch251\_Slide Left\_Battery 2****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.185 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.054 A/m; Power Drift = -0.018 dB

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

Peak H-field in A/m

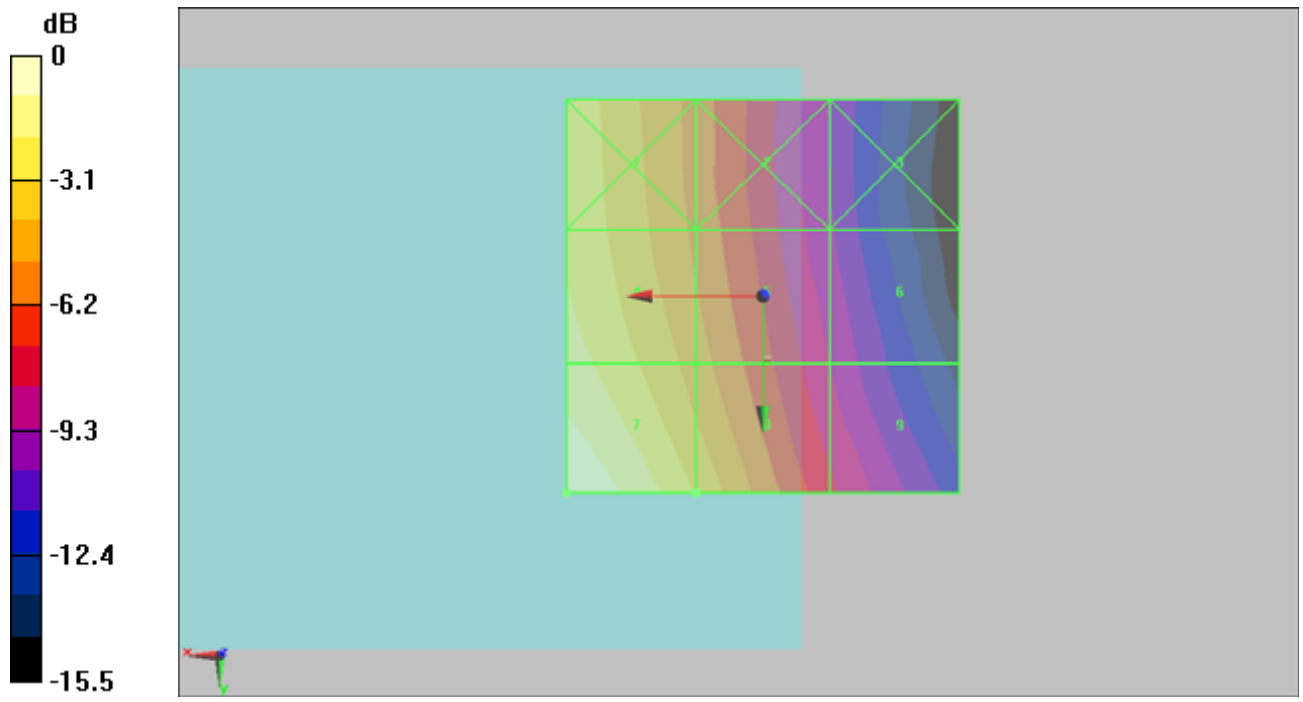
Grid 1 <b>0.144 M4</b>	Grid 2 <b>0.099 M4</b>	Grid 3 <b>0.058 M4</b>
Grid 4 <b>0.154 M4</b>	Grid 5 <b>0.109 M4</b>	Grid 6 <b>0.064 M4</b>
Grid 7 <b>0.185 M4</b>	Grid 8 <b>0.128 M4</b>	Grid 9 <b>0.074 M4</b>

**Cursor:**

Total = 0.185 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.185A/m

**#62 HAC\_H\_GSM850 Ch251\_Slide Left\_Battery 2\_Sample2****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.175 A/m

Probe Modulation Factor = 1.5

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.050 A/m; Power Drift = 0.014 dB

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

Peak H-field in A/m

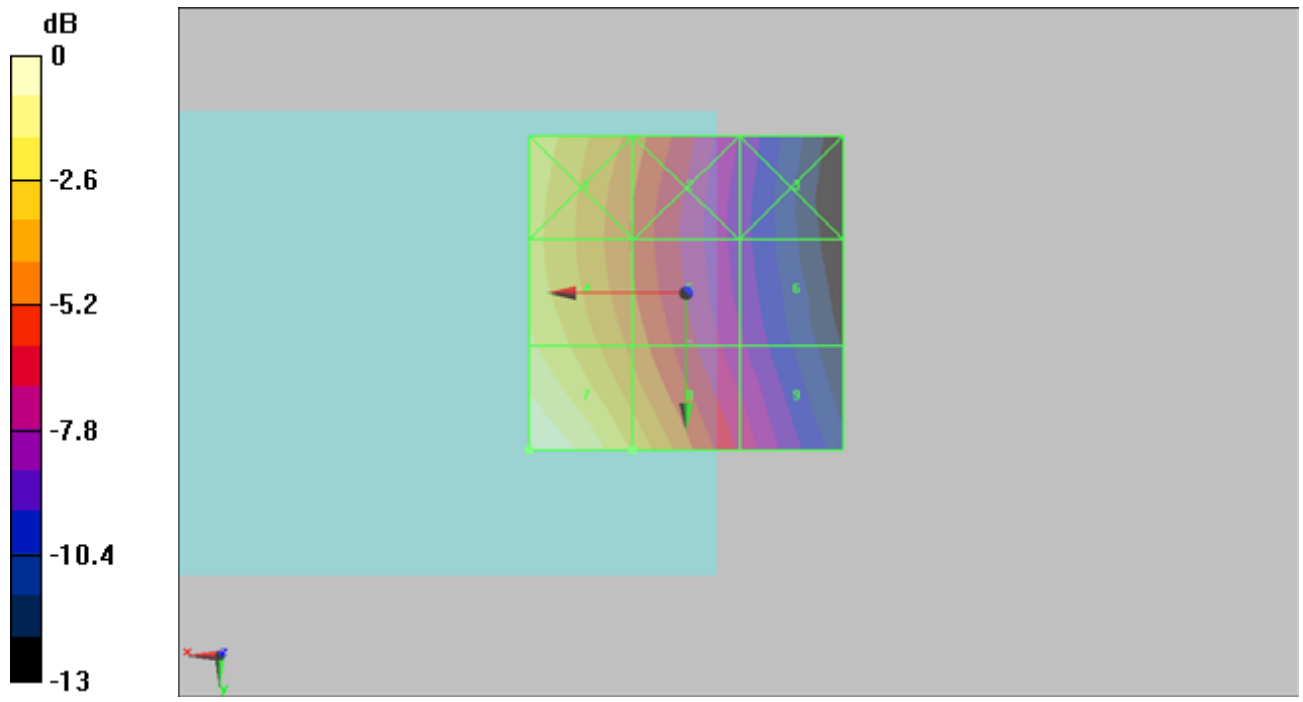
Grid 1 <b>0.141 M4</b>	Grid 2 <b>0.102 M4</b>	Grid 3 <b>0.065 M4</b>
Grid 4 <b>0.146 M4</b>	Grid 5 <b>0.103 M4</b>	Grid 6 <b>0.067 M4</b>
Grid 7 <b>0.175 M4</b>	Grid 8 <b>0.128 M4</b>	Grid 9 <b>0.078 M4</b>

**Cursor:**

Total = 0.175 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.175A/m



**#29 HAC\_H\_GSM1900 Ch512\_Slide Off\_Battery 1**

**DUT: 040231-01**

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: 2009/9/18
- 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 = 0.100 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.072 A/m; Power Drift = -0.140 dB

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

Peak H-field in A/m

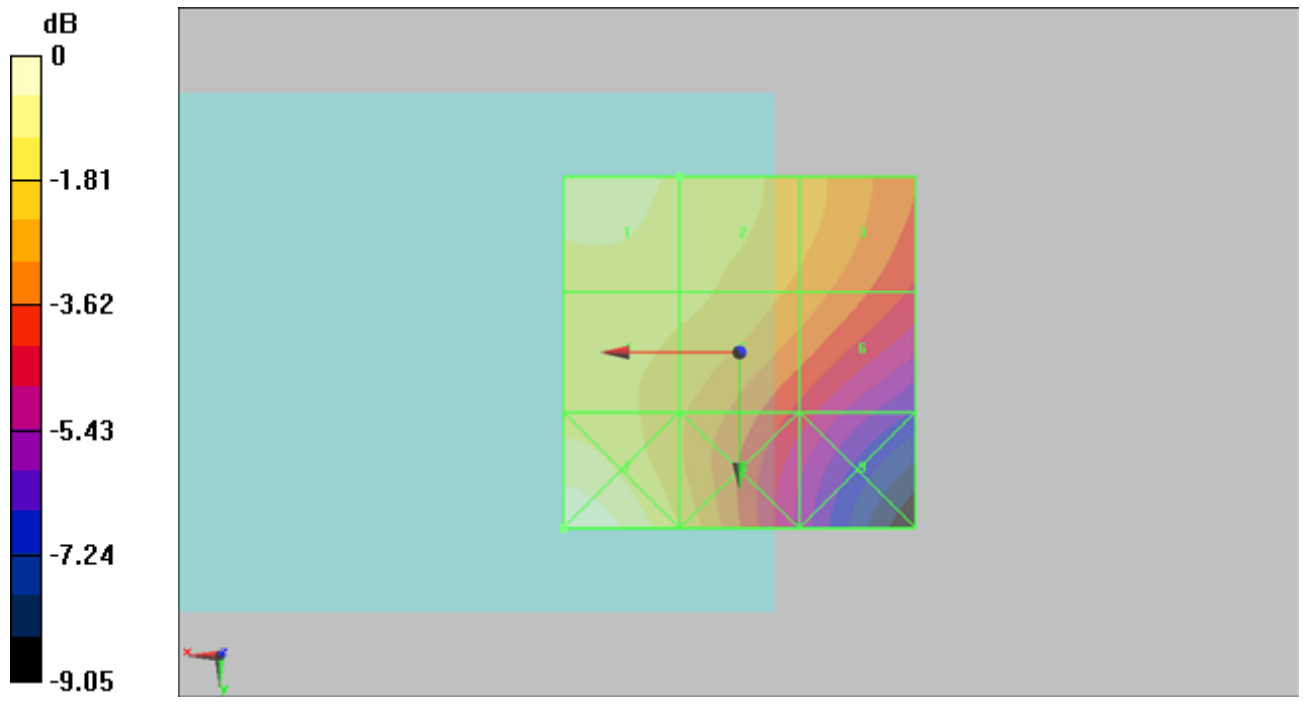
Grid 1 <b>0.100 M4</b>	Grid 2 <b>0.094 M4</b>	Grid 3 <b>0.086 M4</b>
Grid 4 <b>0.092 M4</b>	Grid 5 <b>0.090 M4</b>	Grid 6 <b>0.081 M4</b>
Grid 7 <b>0.109 M4</b>	Grid 8 <b>0.089 M4</b>	Grid 9 <b>0.066 M4</b>

**Cursor:**

Total = 0.109 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.109A/m

**#30 HAC\_H\_GSM1900 Ch661\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.092 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.069 A/m; Power Drift = -0.032 dB

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

Peak H-field in A/m

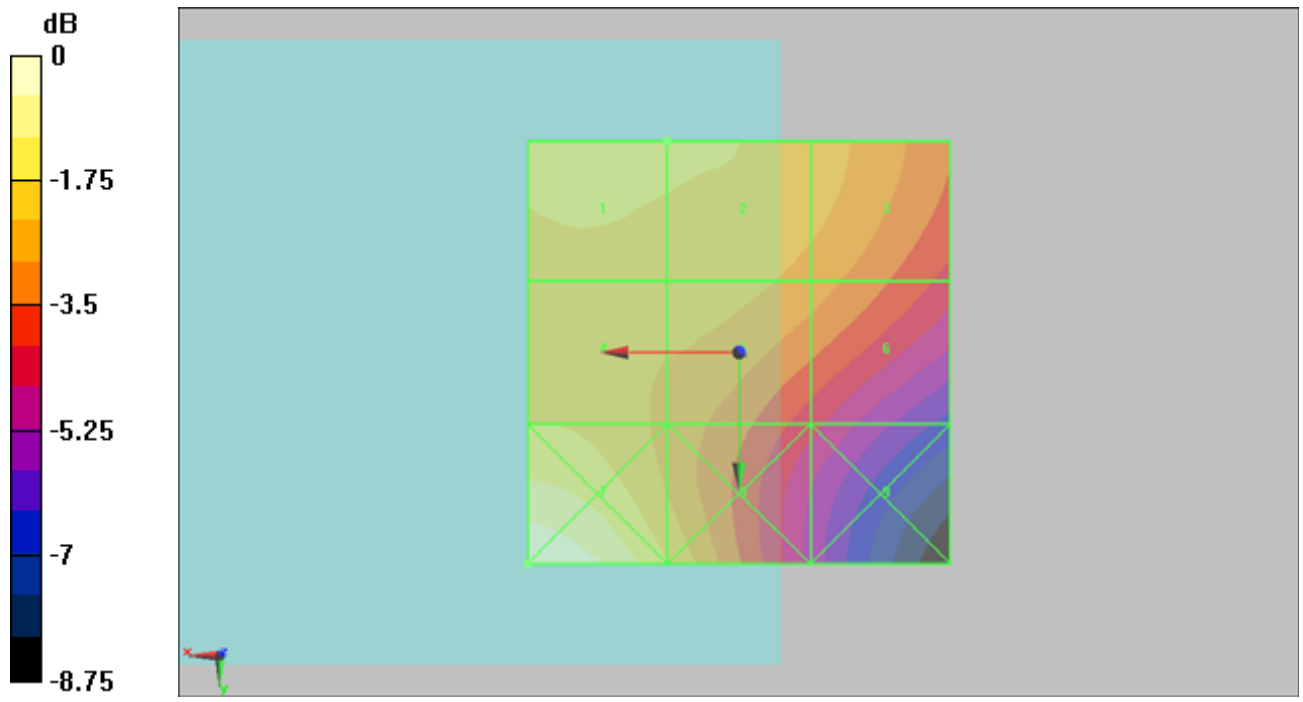
Grid 1 <b>0.092 M4</b>	Grid 2 <b>0.089 M4</b>	Grid 3 <b>0.084 M4</b>
Grid 4 <b>0.087 M4</b>	Grid 5 <b>0.084 M4</b>	Grid 6 <b>0.079 M4</b>
Grid 7 <b>0.106 M4</b>	Grid 8 <b>0.087 M4</b>	Grid 9 <b>0.064 M4</b>

**Cursor:**

Total = 0.106 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.106A/m

**#31 HAC\_H\_GSM1900 Ch810\_Slide Off\_Battery 1****DUT: 062328**

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: 2009/9/18

- 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 = 0.088 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.065 A/m; Power Drift = -0.012 dB

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

Peak H-field in A/m

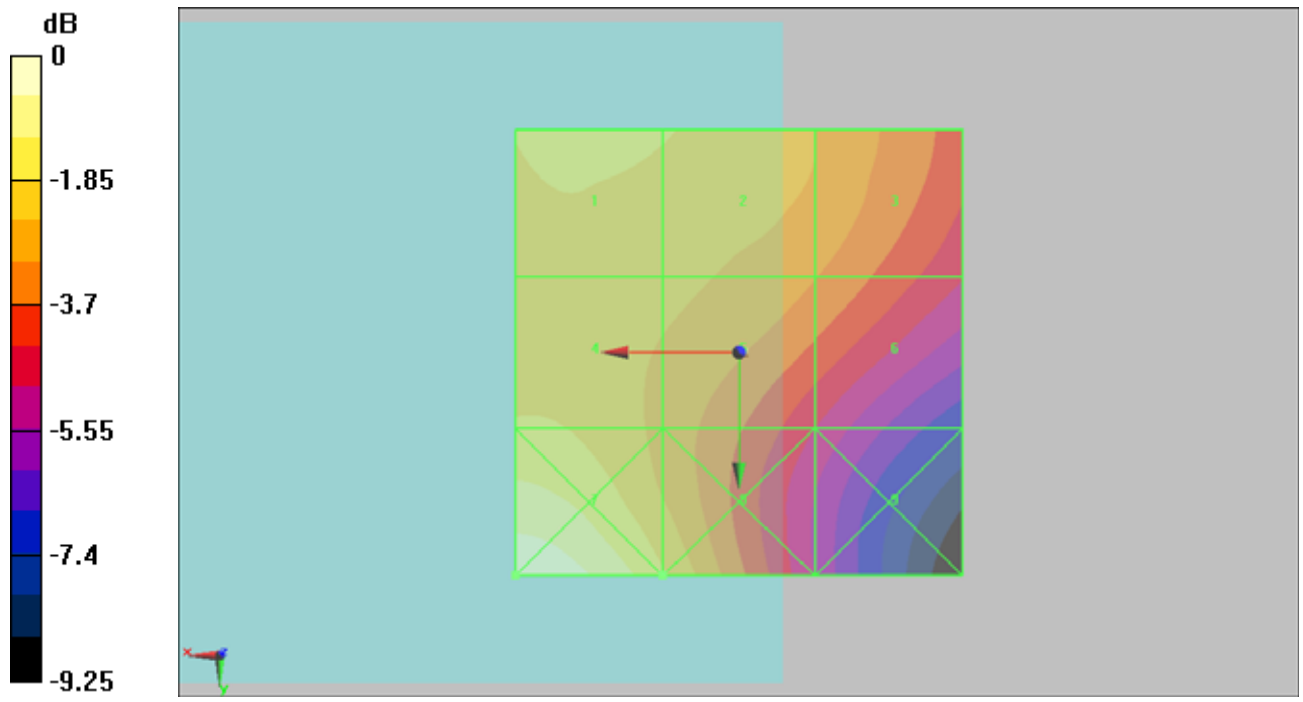
Grid 1 <b>0.088 M4</b>	Grid 2 <b>0.086 M4</b>	Grid 3 <b>0.079 M4</b>
Grid 4 <b>0.086 M4</b>	Grid 5 <b>0.081 M4</b>	Grid 6 <b>0.074 M4</b>
Grid 7 <b>0.105 M4</b>	Grid 8 <b>0.086 M4</b>	Grid 9 <b>0.060 M4</b>

**Cursor:**

Total = 0.105 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.105A/m

**#32 HAC\_H\_GSM1900 Ch512\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.097 A/m

Probe Modulation Factor = 1.28

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

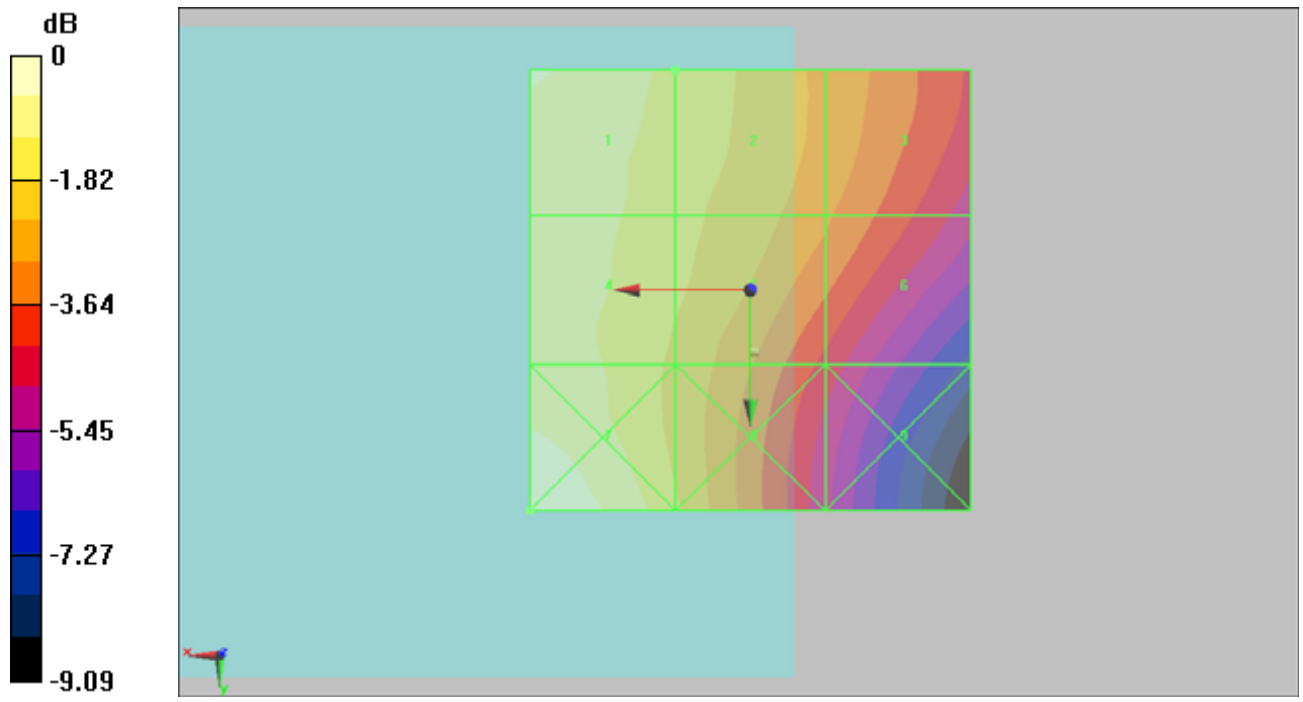
Grid 1 <b>0.097 M4</b>	Grid 2 <b>0.088 M4</b>	Grid 3 <b>0.077 M4</b>
Grid 4 <b>0.093 M4</b>	Grid 5 <b>0.086 M4</b>	Grid 6 <b>0.074 M4</b>
Grid 7 <b>0.103 M4</b>	Grid 8 <b>0.085 M4</b>	Grid 9 <b>0.062 M4</b>

**Cursor:**

Total = 0.103 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.103A/m



**#33 HAC\_H\_GSM1900 Ch661\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 0.081 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.056 A/m; Power Drift = 0.00652 dB

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

Peak H-field in A/m

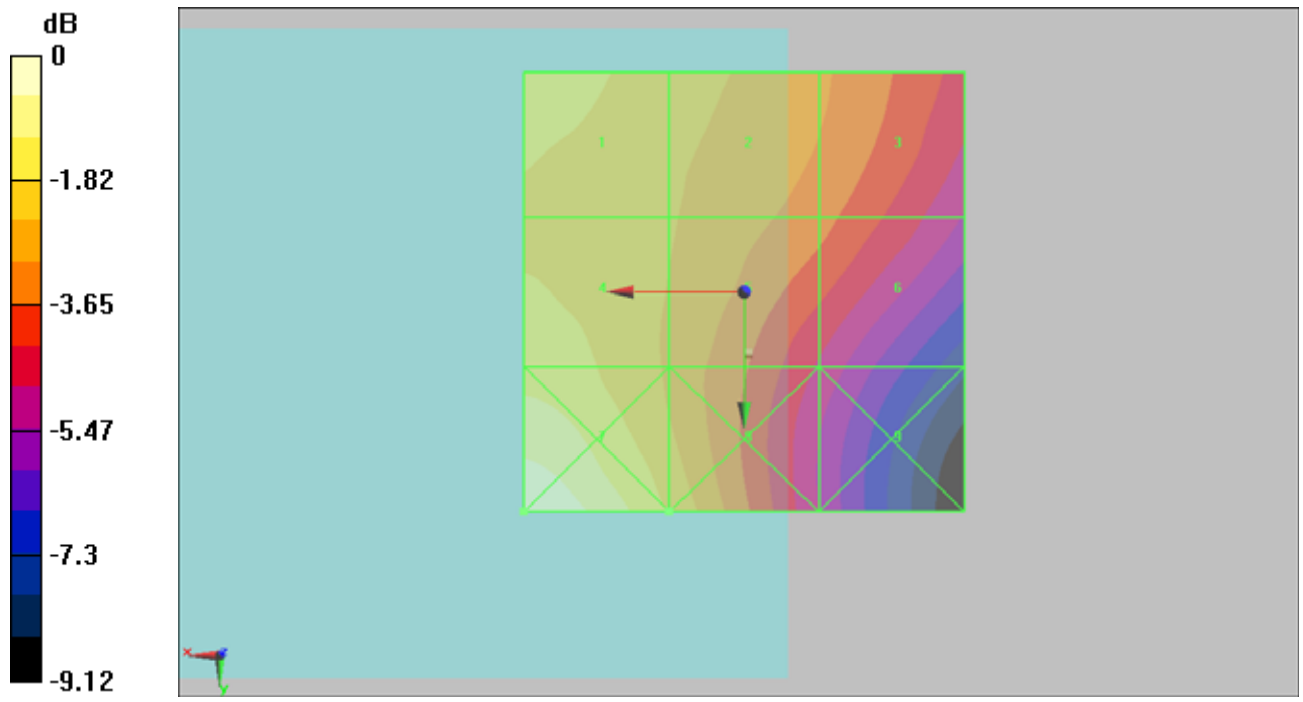
Grid 1 <b>0.079 M4</b>	Grid 2 <b>0.074 M4</b>	Grid 3 <b>0.068 M4</b>
Grid 4 <b>0.081 M4</b>	Grid 5 <b>0.072 M4</b>	Grid 6 <b>0.064 M4</b>
Grid 7 <b>0.095 M4</b>	Grid 8 <b>0.076 M4</b>	Grid 9 <b>0.054 M4</b>

**Cursor:**

Total = 0.095 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.095A/m

**#34 HAC\_H\_GSM1900 Ch810\_Slide Left\_Battery 1**

**DUT: 062328**

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: 2009/9/18

- 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 = 0.075 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.051 A/m; Power Drift = 0.00294 dB

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

Peak H-field in A/m

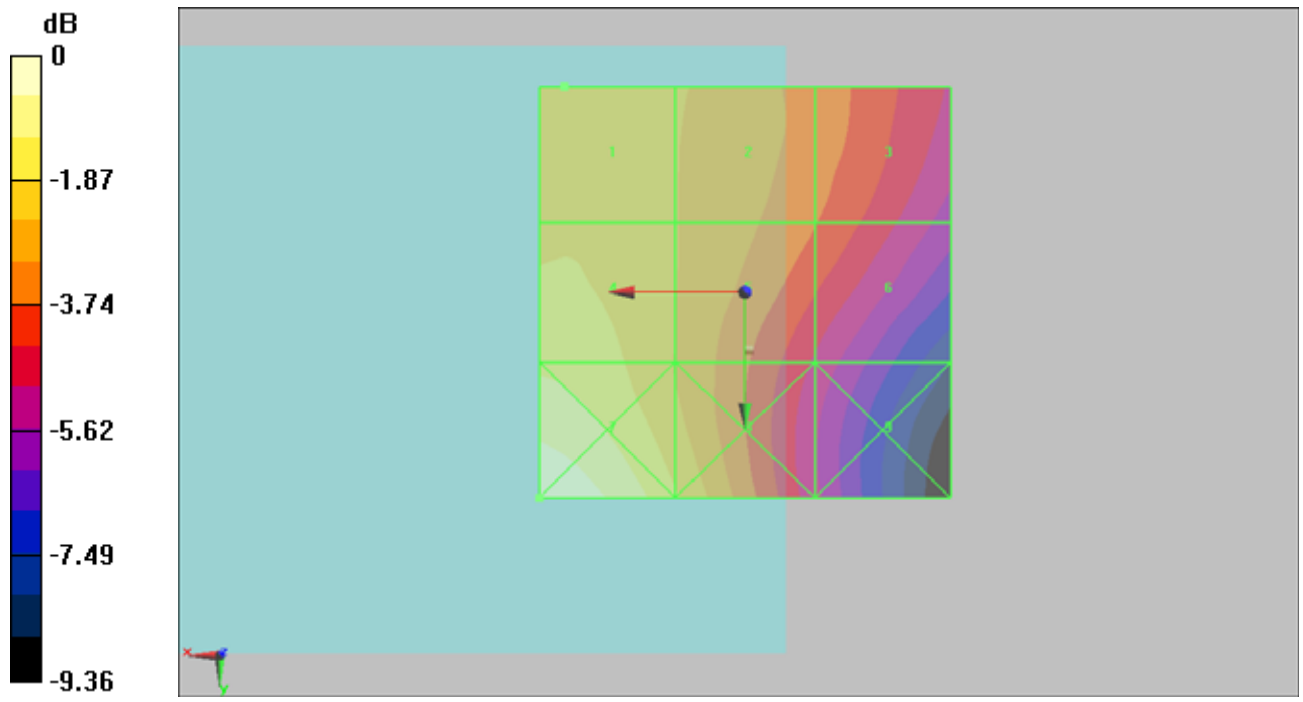
Grid 1 <b>0.071 M4</b>	Grid 2 <b>0.067 M4</b>	Grid 3 <b>0.060 M4</b>
Grid 4 <b>0.075 M4</b>	Grid 5 <b>0.066 M4</b>	Grid 6 <b>0.057 M4</b>
Grid 7 <b>0.088 M4</b>	Grid 8 <b>0.072 M4</b>	Grid 9 <b>0.049 M4</b>

**Cursor:**

Total = 0.088 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.088A/m

**#35 HAC\_H\_GSM1900 Ch512\_Slide Off\_Battery 2****DUT: 62328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.101 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.070 A/m; Power Drift = -0.00892 dB

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

Peak H-field in A/m

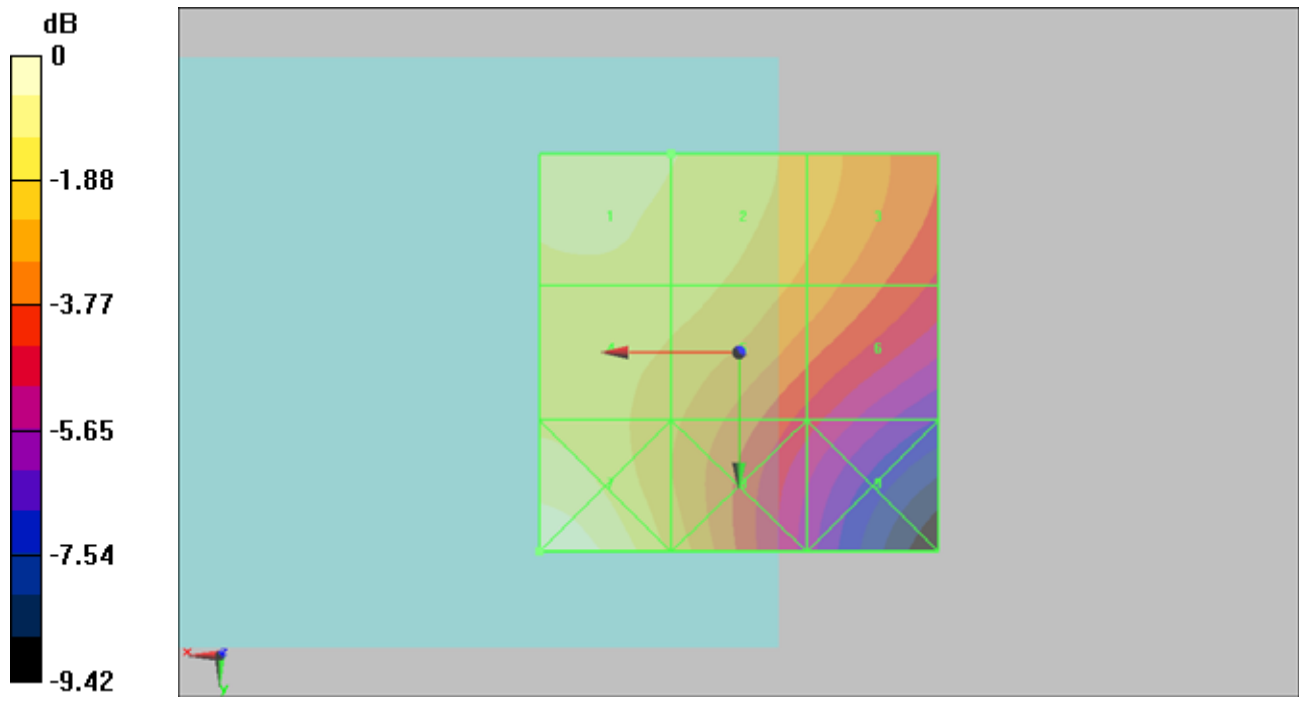
Grid 1 <b>0.101 M4</b>	Grid 2 <b>0.095 M4</b>	Grid 3 <b>0.085 M4</b>
Grid 4 <b>0.093 M4</b>	Grid 5 <b>0.091 M4</b>	Grid 6 <b>0.080 M4</b>
Grid 7 <b>0.109 M4</b>	Grid 8 <b>0.086 M4</b>	Grid 9 <b>0.064 M4</b>

**Cursor:**

Total = 0.109 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.109A/m

**#61 HAC\_H\_GSM1900 Ch512\_Slide Off\_Battery 2\_Sample2****DUT: 062328**

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: 2009/9/18

- 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 = 0.080 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.057 A/m; Power Drift = -0.00123 dB

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

Peak H-field in A/m

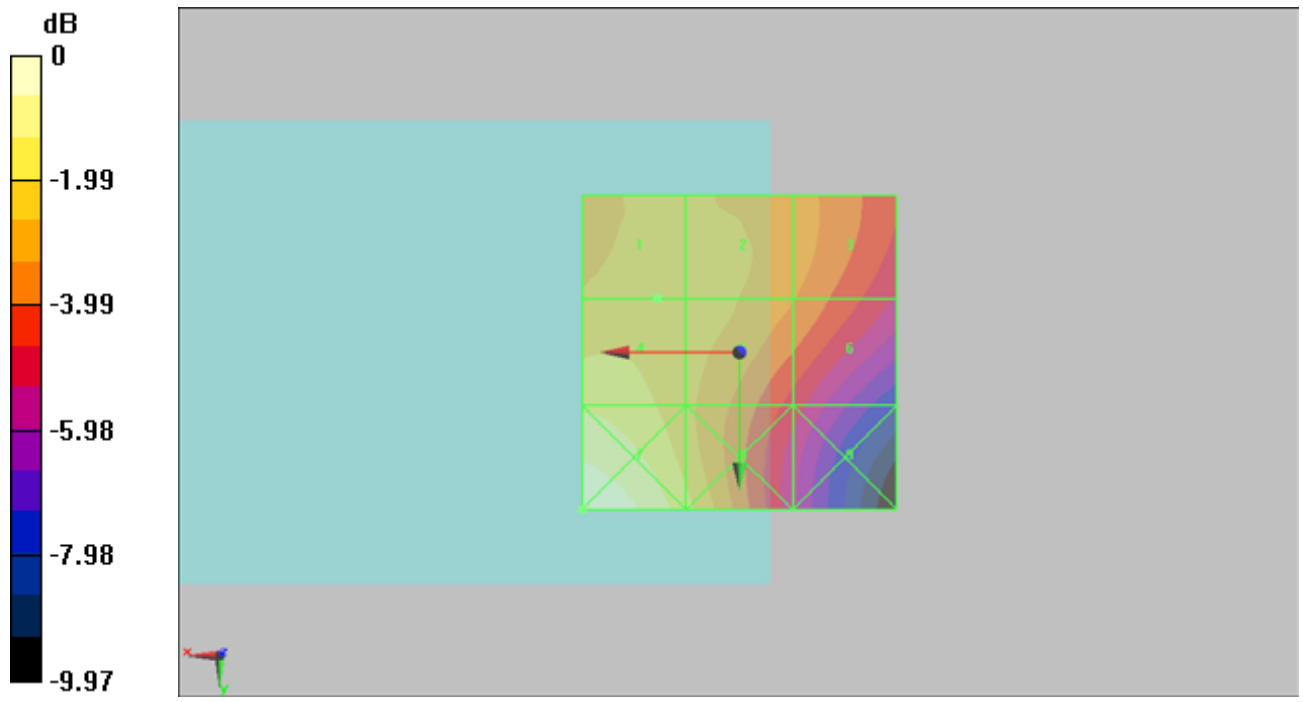
Grid 1 <b>0.072 M4</b>	Grid 2 <b>0.071 M4</b>	Grid 3 <b>0.067 M4</b>
Grid 4 <b>0.080 M4</b>	Grid 5 <b>0.072 M4</b>	Grid 6 <b>0.064 M4</b>
Grid 7 <b>0.094 M4</b>	Grid 8 <b>0.077 M4</b>	Grid 9 <b>0.053 M4</b>

**Cursor:**

Total = 0.094 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.094A/m



**#50 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4132\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.062 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.049 A/m; Power Drift = -0.146 dB

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

Peak H-field in A/m

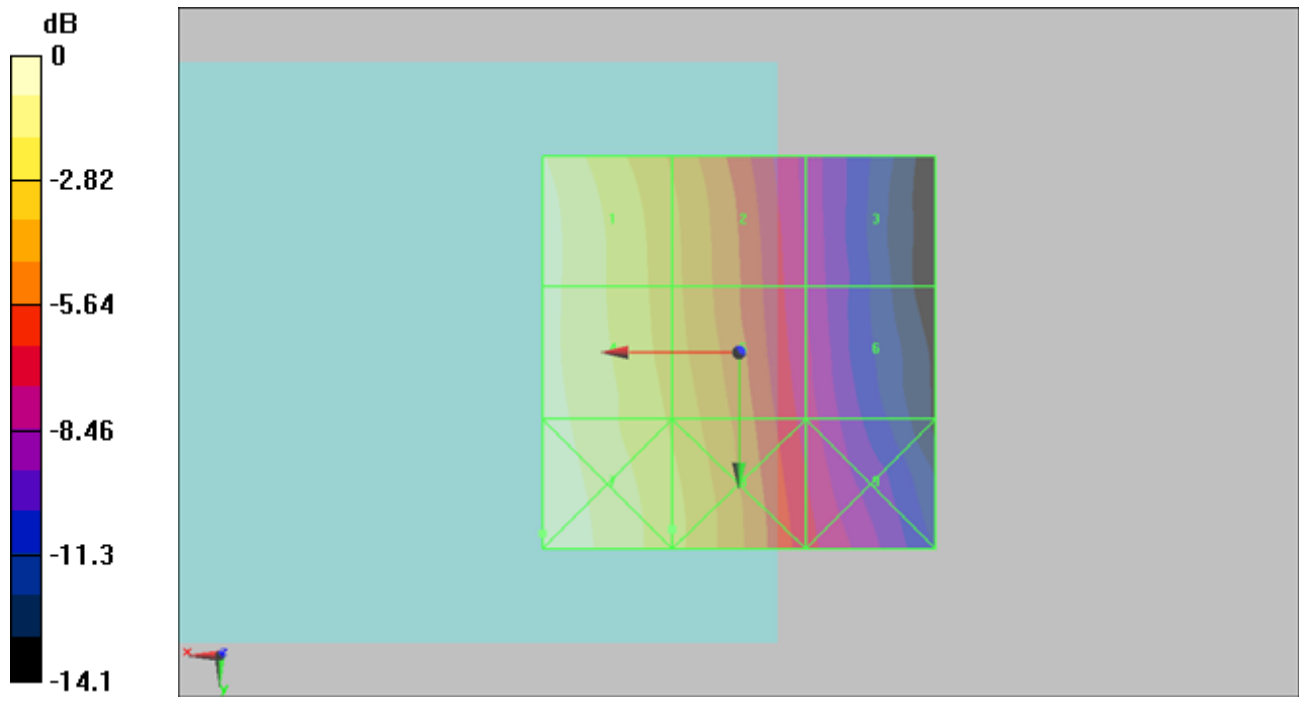
Grid 1 <b>0.061 M4</b>	Grid 2 <b>0.044 M4</b>	Grid 3 <b>0.025 M4</b>
Grid 4 <b>0.062 M4</b>	Grid 5 <b>0.046 M4</b>	Grid 6 <b>0.026 M4</b>
Grid 7 <b>0.065 M4</b>	Grid 8 <b>0.049 M4</b>	Grid 9 <b>0.029 M4</b>

**Cursor:**

Total = 0.065 A/m

H Category: M4

Location: 25, 23, 9.2 mm



0 dB = 0.065A/m

**#51 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4182\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.050 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.036 A/m; Power Drift = -0.140 dB

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

Peak H-field in A/m

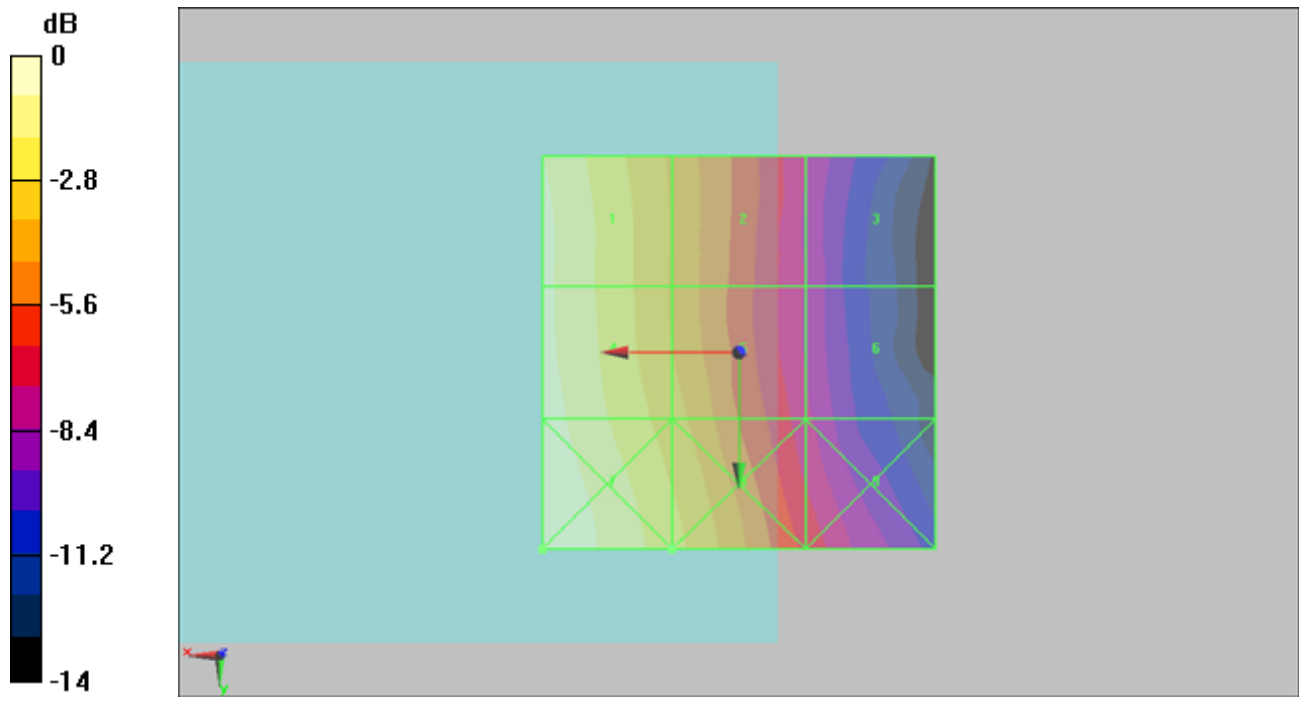
Grid 1 <b>0.049 M4</b>	Grid 2 <b>0.034 M4</b>	Grid 3 <b>0.020 M4</b>
Grid 4 <b>0.050 M4</b>	Grid 5 <b>0.036 M4</b>	Grid 6 <b>0.021 M4</b>
Grid 7 <b>0.053 M4</b>	Grid 8 <b>0.040 M4</b>	Grid 9 <b>0.024 M4</b>

**Cursor:**

Total = 0.053 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.053A/m

**#52 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4233\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.060 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.040 A/m; Power Drift = 1.32 dB

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

Peak H-field in A/m

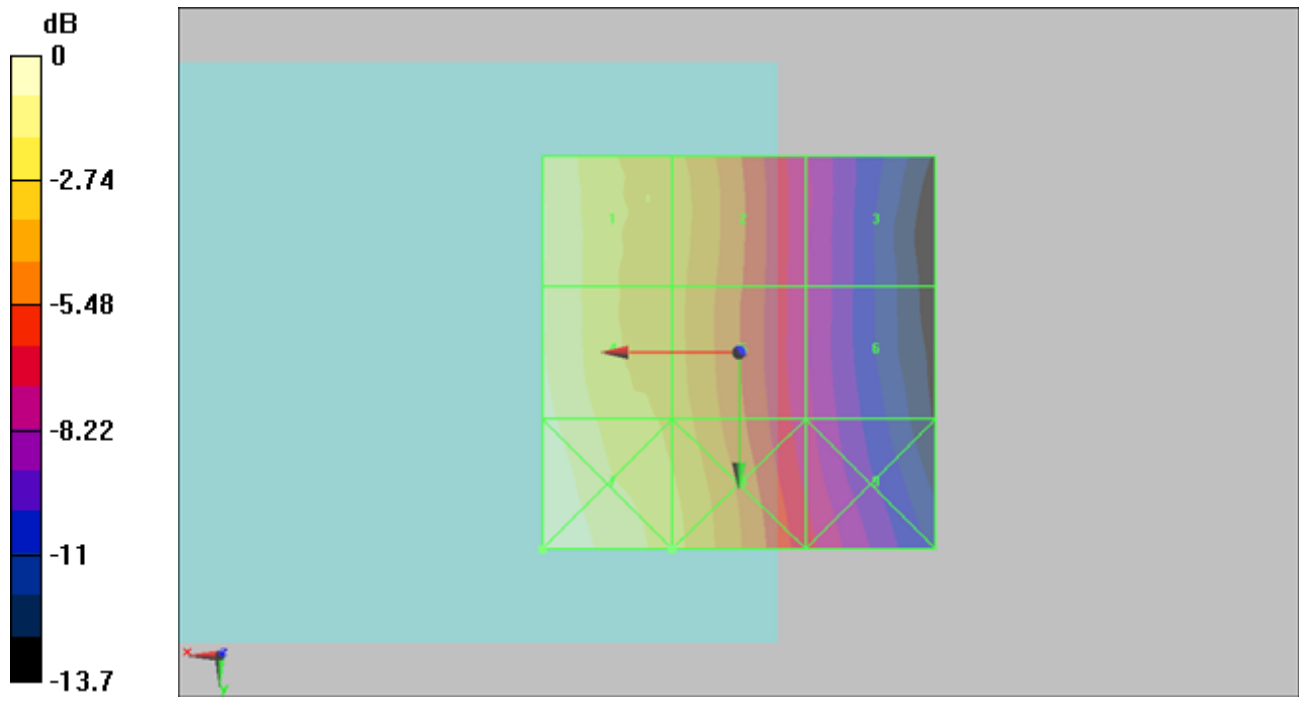
Grid 1 <b>0.058 M4</b>	Grid 2 <b>0.045 M4</b>	Grid 3 <b>0.026 M4</b>
Grid 4 <b>0.060 M4</b>	Grid 5 <b>0.045 M4</b>	Grid 6 <b>0.026 M4</b>
Grid 7 <b>0.064 M4</b>	Grid 8 <b>0.049 M4</b>	Grid 9 <b>0.029 M4</b>

**Cursor:**

Total = 0.064 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.064A/m

**#53 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4132\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.074 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.043 A/m; Power Drift = -0.483 dB

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

Peak H-field in A/m

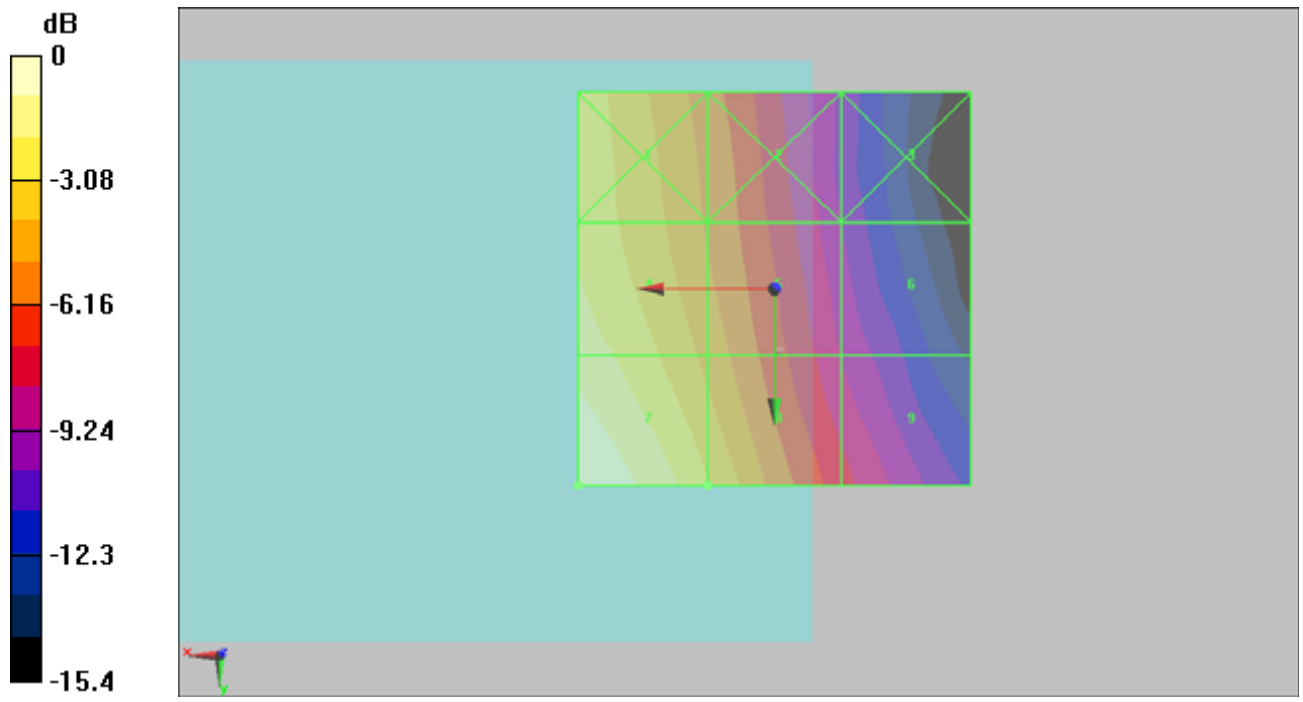
Grid 1 <b>0.058 M4</b>	Grid 2 <b>0.041 M4</b>	Grid 3 <b>0.023 M4</b>
Grid 4 <b>0.063 M4</b>	Grid 5 <b>0.045 M4</b>	Grid 6 <b>0.026 M4</b>
Grid 7 <b>0.074 M4</b>	Grid 8 <b>0.052 M4</b>	Grid 9 <b>0.030 M4</b>

**Cursor:**

Total = 0.074 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.074A/m



**#54 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4182\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.062 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.035 A/m; Power Drift = 0.028 dB

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

Peak H-field in A/m

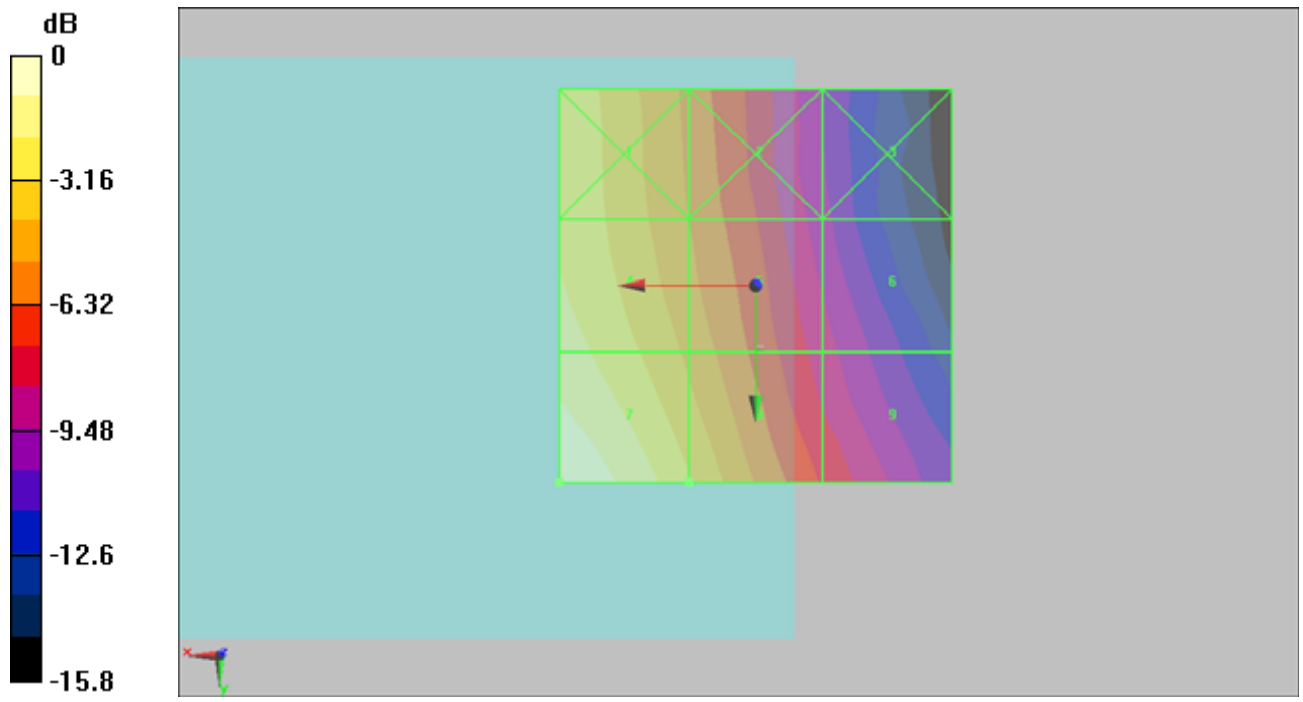
Grid 1 <b>0.048 M4</b>	Grid 2 <b>0.034 M4</b>	Grid 3 <b>0.019 M4</b>
Grid 4 <b>0.052 M4</b>	Grid 5 <b>0.037 M4</b>	Grid 6 <b>0.022 M4</b>
Grid 7 <b>0.062 M4</b>	Grid 8 <b>0.044 M4</b>	Grid 9 <b>0.026 M4</b>

**Cursor:**

Total = 0.062 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.062A/m

**#55 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4233\_Slide Left\_Battery 1**

**DUT: 062328**

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 : 22.3

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 = 0.083 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.048 A/m; Power Drift = -0.150 dB

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

Peak H-field in A/m

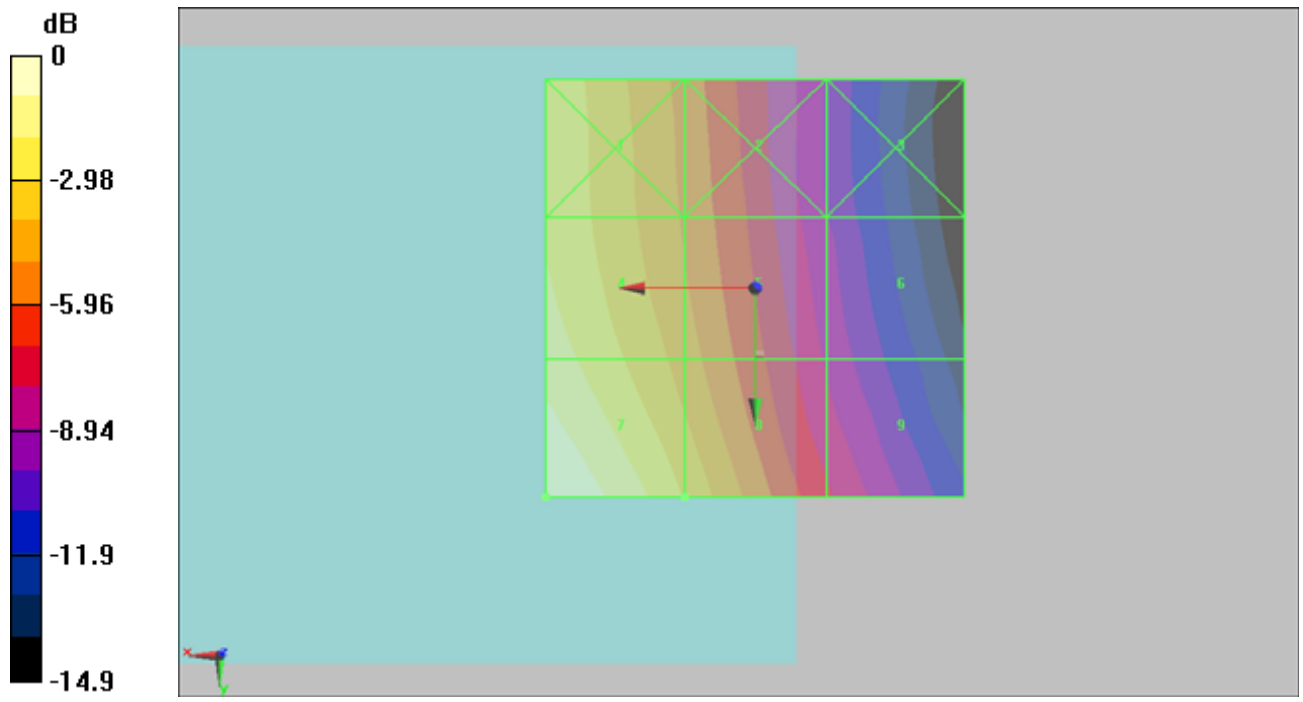
Grid 1 <b>0.066 M4</b>	Grid 2 <b>0.046 M4</b>	Grid 3 <b>0.027 M4</b>
Grid 4 <b>0.070 M4</b>	Grid 5 <b>0.050 M4</b>	Grid 6 <b>0.029 M4</b>
Grid 7 <b>0.083 M4</b>	Grid 8 <b>0.059 M4</b>	Grid 9 <b>0.034 M4</b>

**Cursor:**

Total = 0.083 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.083A/m

**#55 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4233\_Slide Left\_Battery 2****DUT:062328**

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 : 22.3

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.085 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.050 A/m; Power Drift = -0.351 dB

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

Peak H-field in A/m

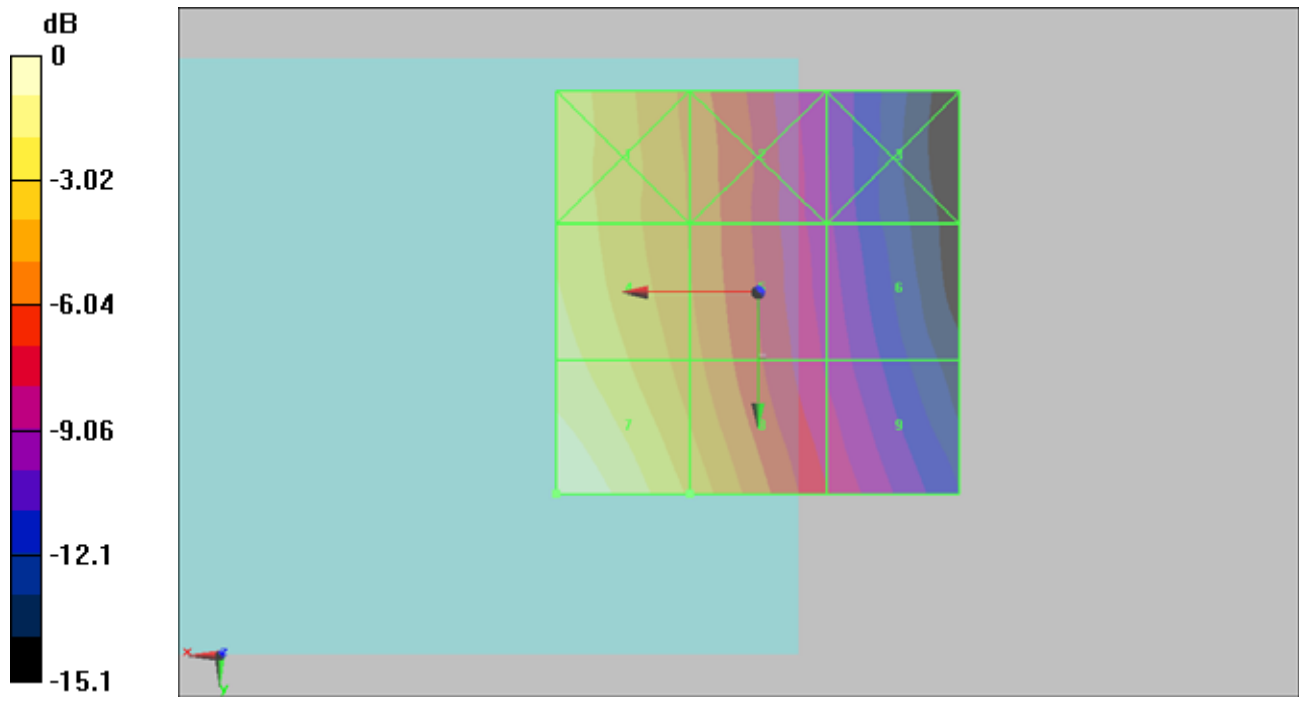
Grid 1 <b>0.067 M4</b>	Grid 2 <b>0.047 M4</b>	Grid 3 <b>0.028 M4</b>
Grid 4 <b>0.071 M4</b>	Grid 5 <b>0.050 M4</b>	Grid 6 <b>0.030 M4</b>
Grid 7 <b>0.085 M4</b>	Grid 8 <b>0.059 M4</b>	Grid 9 <b>0.034 M4</b>

**Cursor:**

Total = 0.085 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.085A/m

**#64 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4233\_Slide Left\_Battery 2\_Sample2****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.087 A/m

Probe Modulation Factor = 0.801

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.047 A/m; Power Drift = 0.324 dB

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

Peak H-field in A/m

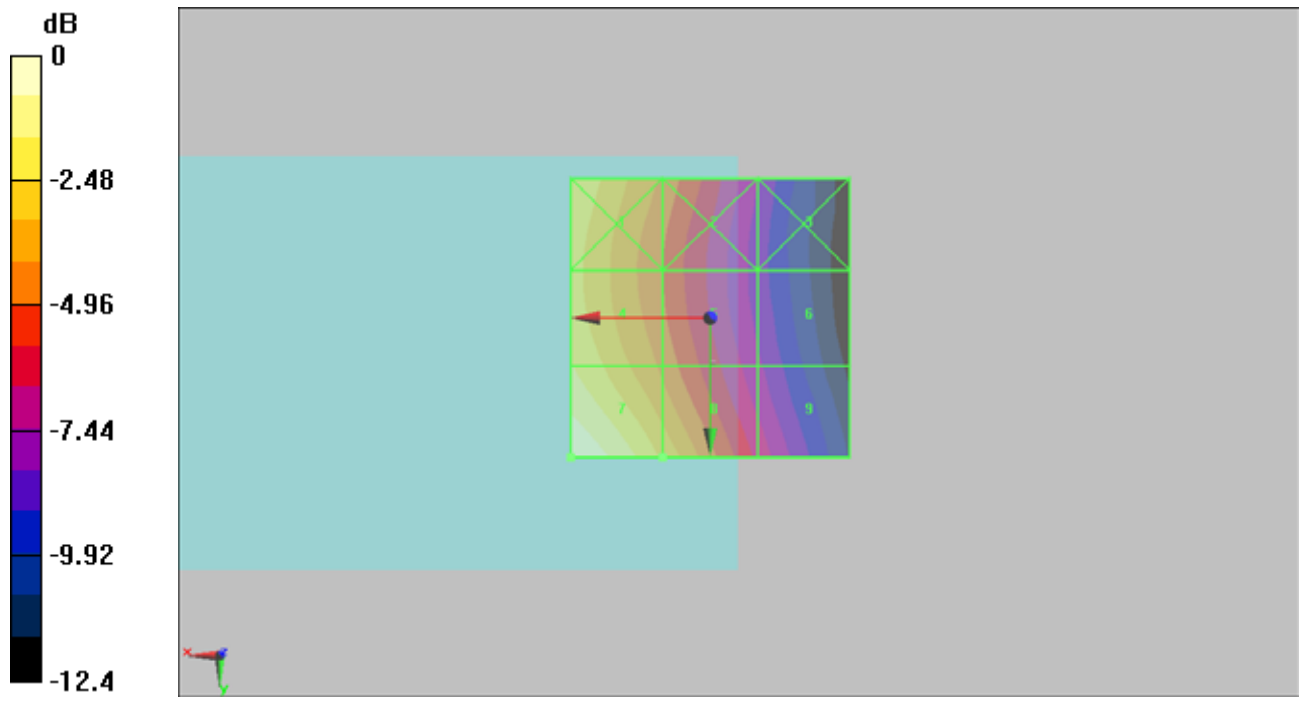
Grid 1 <b>0.072 M4</b>	Grid 2 <b>0.053 M4</b>	Grid 3 <b>0.034 M4</b>
Grid 4 <b>0.072 M4</b>	Grid 5 <b>0.053 M4</b>	Grid 6 <b>0.034 M4</b>
Grid 7 <b>0.087 M4</b>	Grid 8 <b>0.064 M4</b>	Grid 9 <b>0.040 M4</b>

**Cursor:**

Total = 0.087 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.087A/m



**#43 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9262\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.050 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.090 A/m; Power Drift = -0.294 dB

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

Peak H-field in A/m

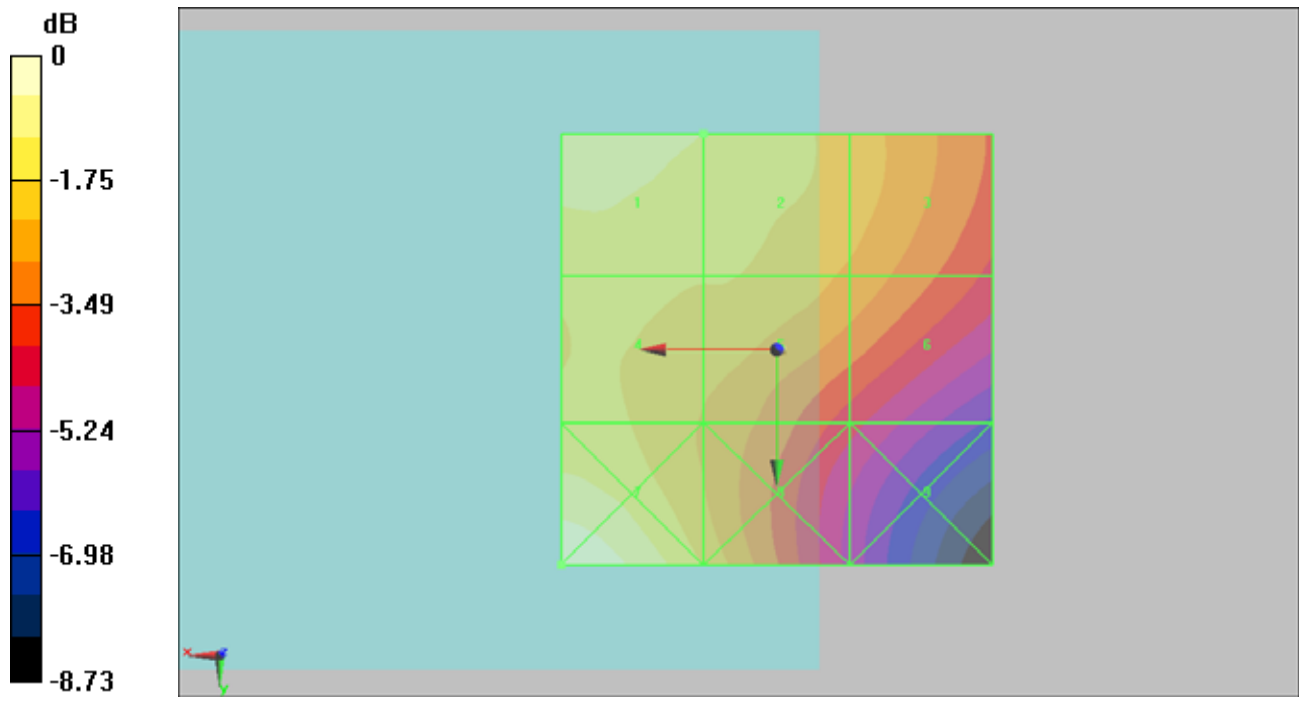
Grid 1 <b>0.050 M4</b>	Grid 2 <b>0.047 M4</b>	Grid 3 <b>0.043 M4</b>
Grid 4 <b>0.045 M4</b>	Grid 5 <b>0.044 M4</b>	Grid 6 <b>0.041 M4</b>
Grid 7 <b>0.054 M4</b>	Grid 8 <b>0.044 M4</b>	Grid 9 <b>0.033 M4</b>

**Cursor:**

Total = 0.054 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.054A/m

**#44 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9400\_Slide Off\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.046 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.083 A/m; Power Drift = -0.128 dB

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

Peak H-field in A/m

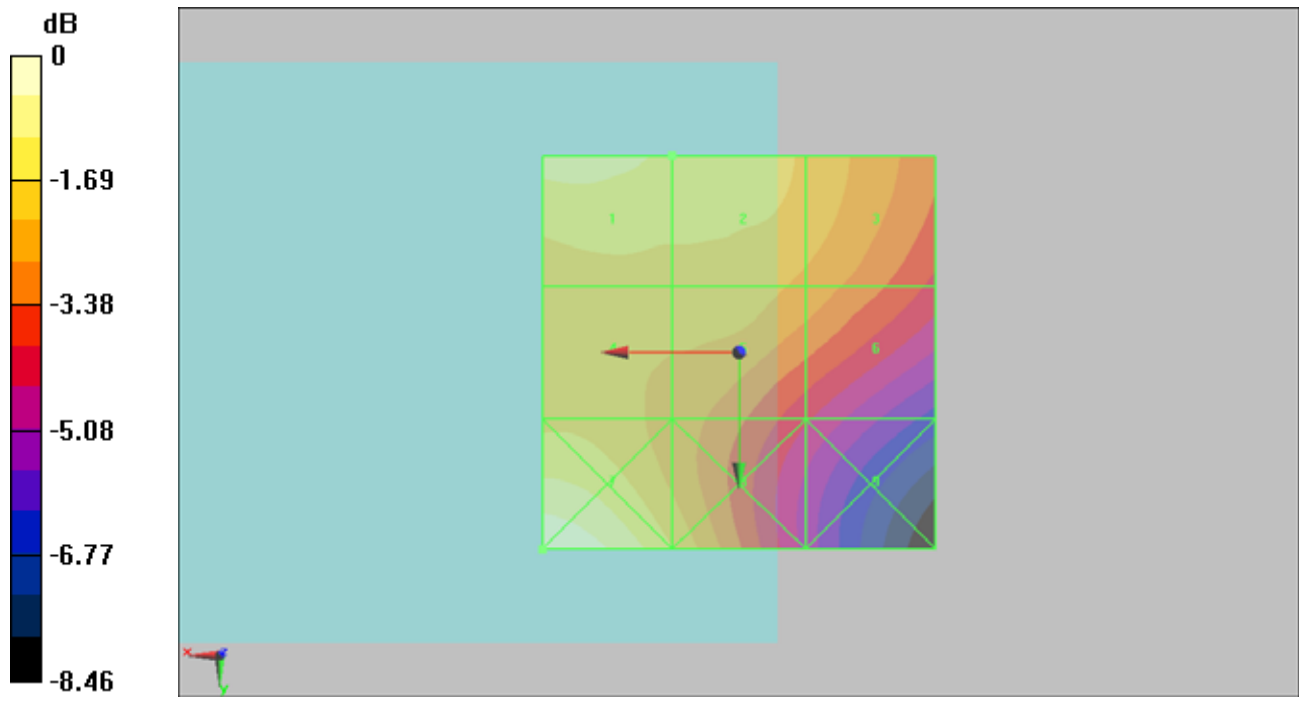
Grid 1 <b>0.046 M4</b>	Grid 2 <b>0.044 M4</b>	Grid 3 <b>0.042 M4</b>
Grid 4 <b>0.042 M4</b>	Grid 5 <b>0.041 M4</b>	Grid 6 <b>0.039 M4</b>
Grid 7 <b>0.051 M4</b>	Grid 8 <b>0.042 M4</b>	Grid 9 <b>0.031 M4</b>

**Cursor:**

Total = 0.051 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.051A/m

**#45 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9538\_Slide Off\_Battery 1****DUT: 062328**

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: 2009/9/18

- 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 = 0.049 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.082 A/m; Power Drift = -0.035 dB

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

Peak H-field in A/m

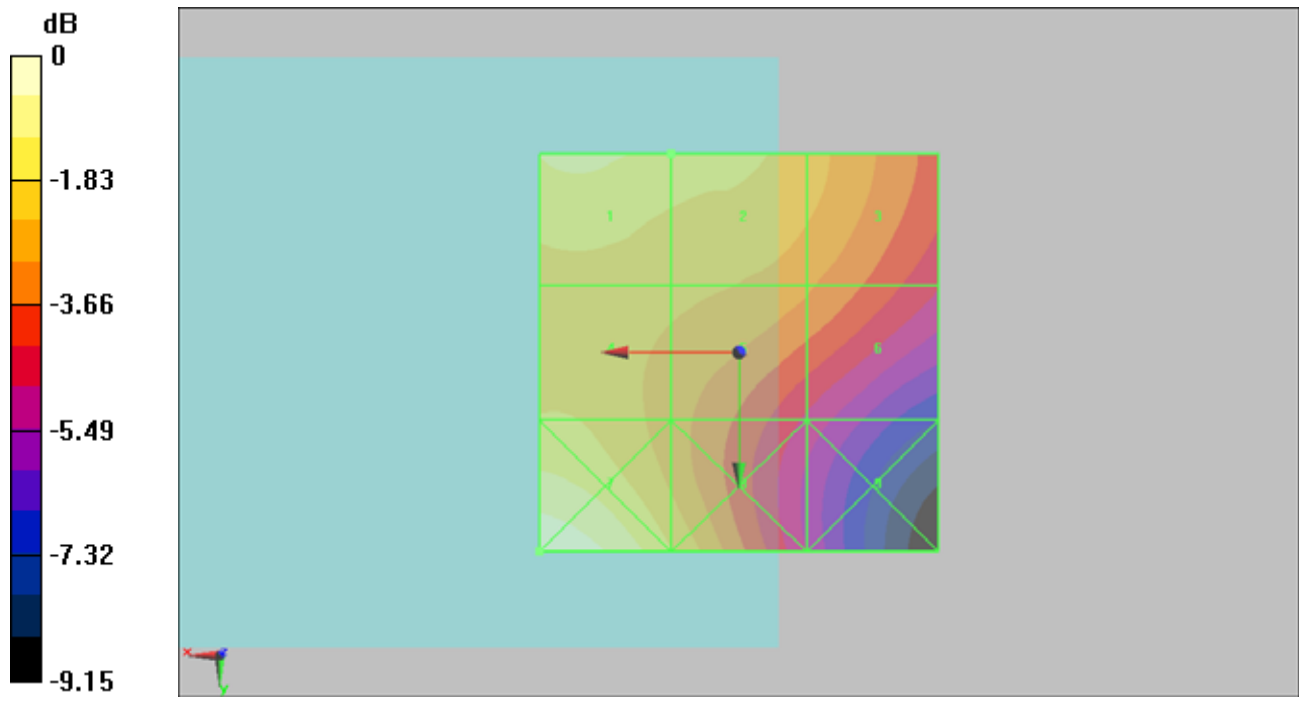
Grid 1 <b>0.049 M4</b>	Grid 2 <b>0.047 M4</b>	Grid 3 <b>0.043 M4</b>
Grid 4 <b>0.045 M4</b>	Grid 5 <b>0.042 M4</b>	Grid 6 <b>0.039 M4</b>
Grid 7 <b>0.055 M4</b>	Grid 8 <b>0.045 M4</b>	Grid 9 <b>0.031 M4</b>

**Cursor:**

Total = 0.055 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.055A/m

**#46 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9262\_Slide Left\_Battery 1****DUT: 062328**

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: 2009/9/18

- 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 = 0.038 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.068 A/m; Power Drift = -0.011 dB

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

Peak H-field in A/m

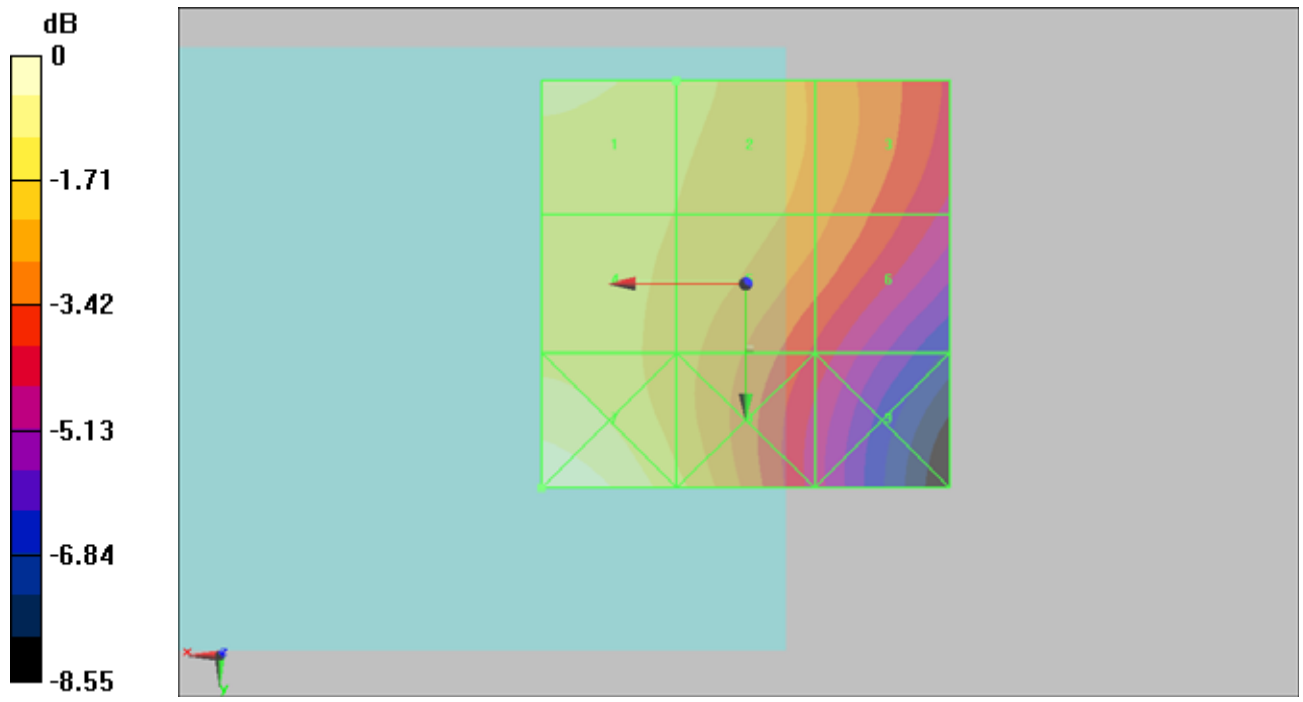
Grid 1 <b>0.038 M4</b>	Grid 2 <b>0.036 M4</b>	Grid 3 <b>0.032 M4</b>
Grid 4 <b>0.036 M4</b>	Grid 5 <b>0.034 M4</b>	Grid 6 <b>0.031 M4</b>
Grid 7 <b>0.042 M4</b>	Grid 8 <b>0.035 M4</b>	Grid 9 <b>0.026 M4</b>

**Cursor:**

Total = 0.042 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.042A/m



**#47 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9400\_Slide Left\_Battery 1****DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.040 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.074 A/m; Power Drift = -0.00168 dB

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

Peak H-field in A/m

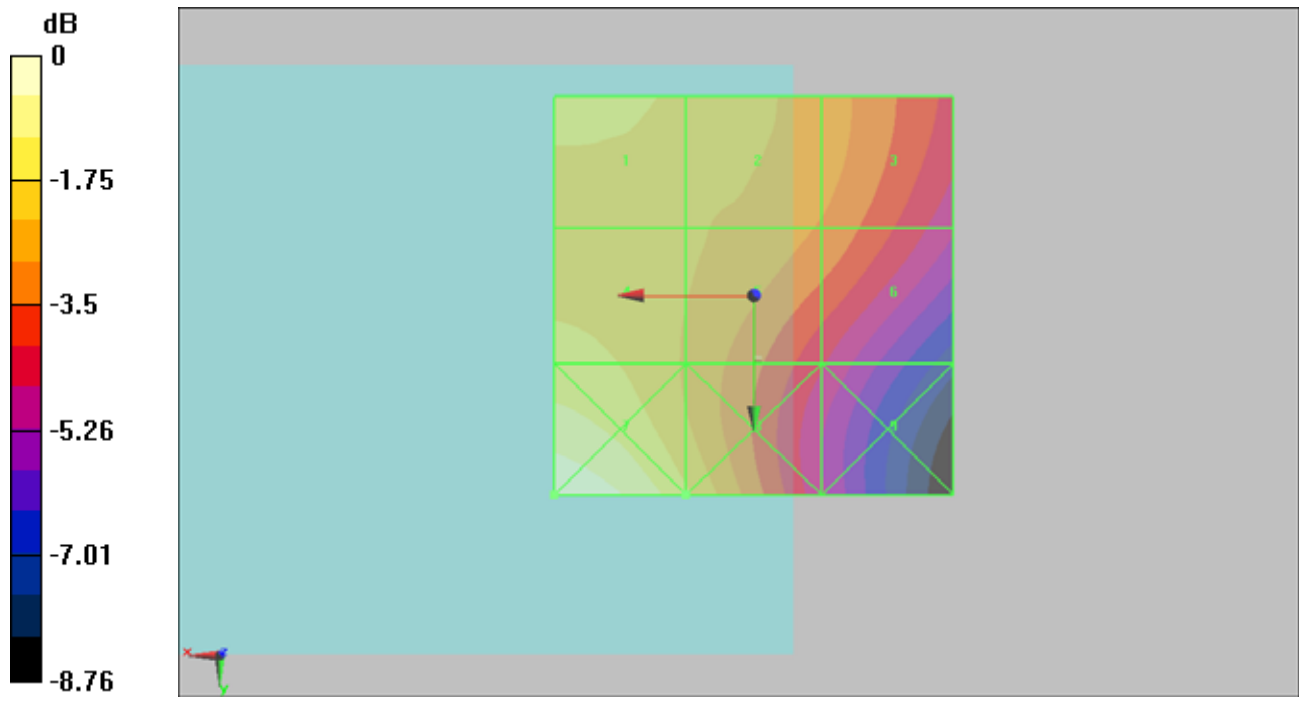
Grid 1 <b>0.040 M4</b>	Grid 2 <b>0.039 M4</b>	Grid 3 <b>0.036 M4</b>
Grid 4 <b>0.040 M4</b>	Grid 5 <b>0.037 M4</b>	Grid 6 <b>0.034 M4</b>
Grid 7 <b>0.048 M4</b>	Grid 8 <b>0.040 M4</b>	Grid 9 <b>0.028 M4</b>

**Cursor:**

Total = 0.048 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.048A/m

**#48 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9538\_Slide Left\_Battery 1****DUT: 062328**

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: 2009/9/18

- 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 = 0.044 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.077 A/m; Power Drift = -0.268 dB

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

Peak H-field in A/m

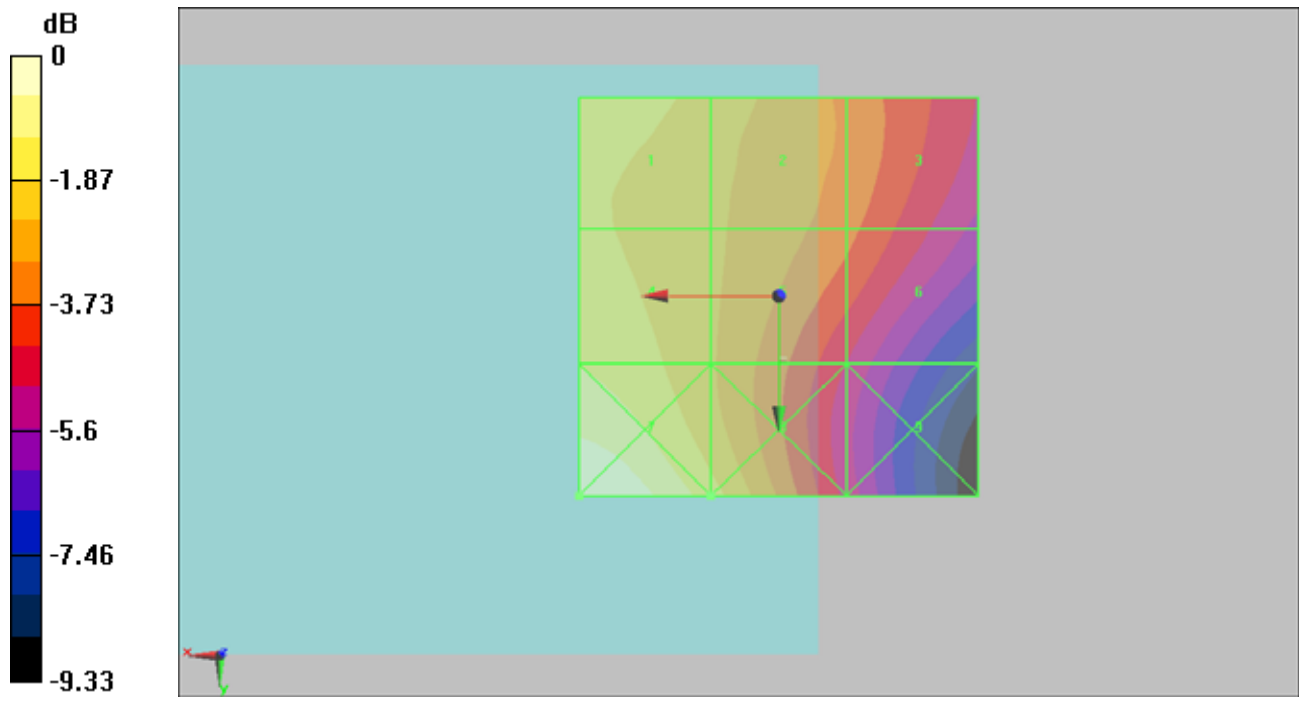
Grid 1 <b>0.043 M4</b>	Grid 2 <b>0.040 M4</b>	Grid 3 <b>0.035 M4</b>
Grid 4 <b>0.044 M4</b>	Grid 5 <b>0.039 M4</b>	Grid 6 <b>0.034 M4</b>
Grid 7 <b>0.051 M4</b>	Grid 8 <b>0.042 M4</b>	Grid 9 <b>0.029 M4</b>

**Cursor:**

Total = 0.051 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.051A/m

**#49 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9262\_Slide Off\_Battery 2**

**DUT: 062328**

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 : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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 = 0.049 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.089 A/m; Power Drift = -0.286 dB

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

Peak H-field in A/m

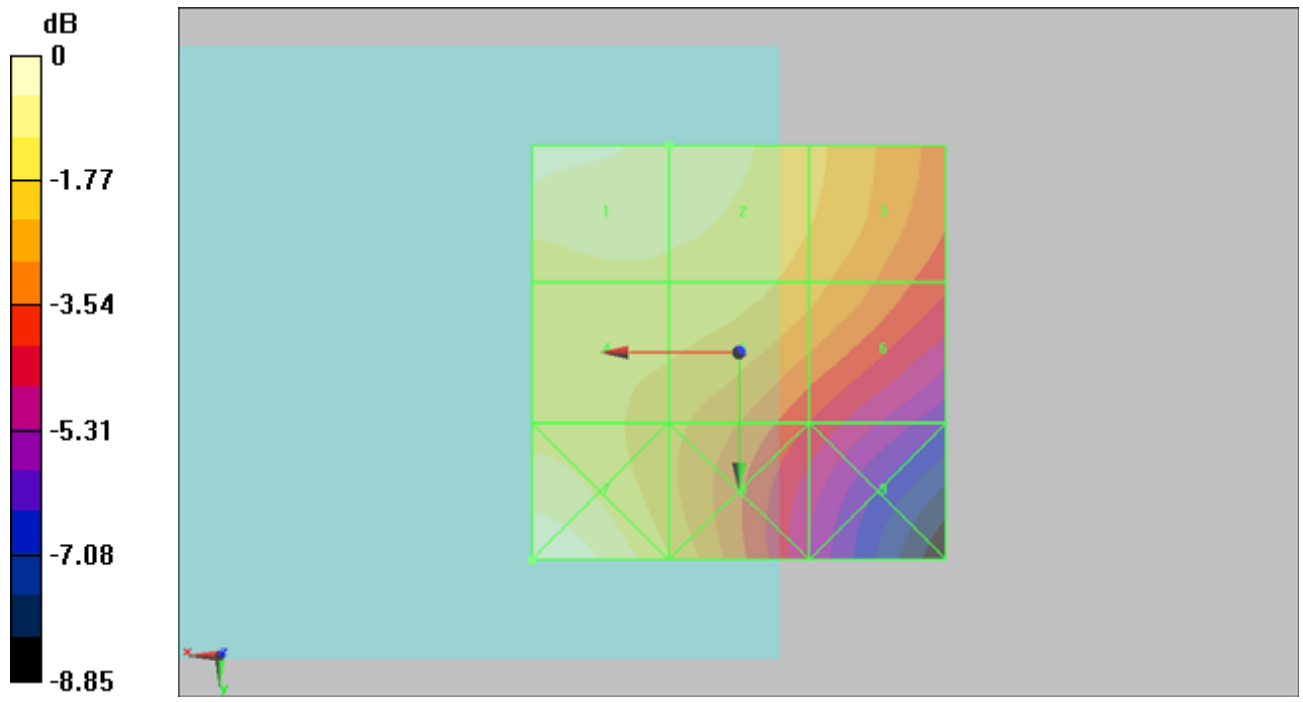
Grid 1 <b>0.049 M4</b>	Grid 2 <b>0.047 M4</b>	Grid 3 <b>0.042 M4</b>
Grid 4 <b>0.044 M4</b>	Grid 5 <b>0.044 M4</b>	Grid 6 <b>0.040 M4</b>
Grid 7 <b>0.051 M4</b>	Grid 8 <b>0.042 M4</b>	Grid 9 <b>0.032 M4</b>

**Cursor:**

Total = 0.051 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.051A/m

**#63 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9262\_Slide Off\_Battery 1\_Sample2**

**DUT: 062328**

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: 2009/9/18

- 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 = 0.033 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.062 A/m; Power Drift = 0.383 dB

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

Peak H-field in A/m

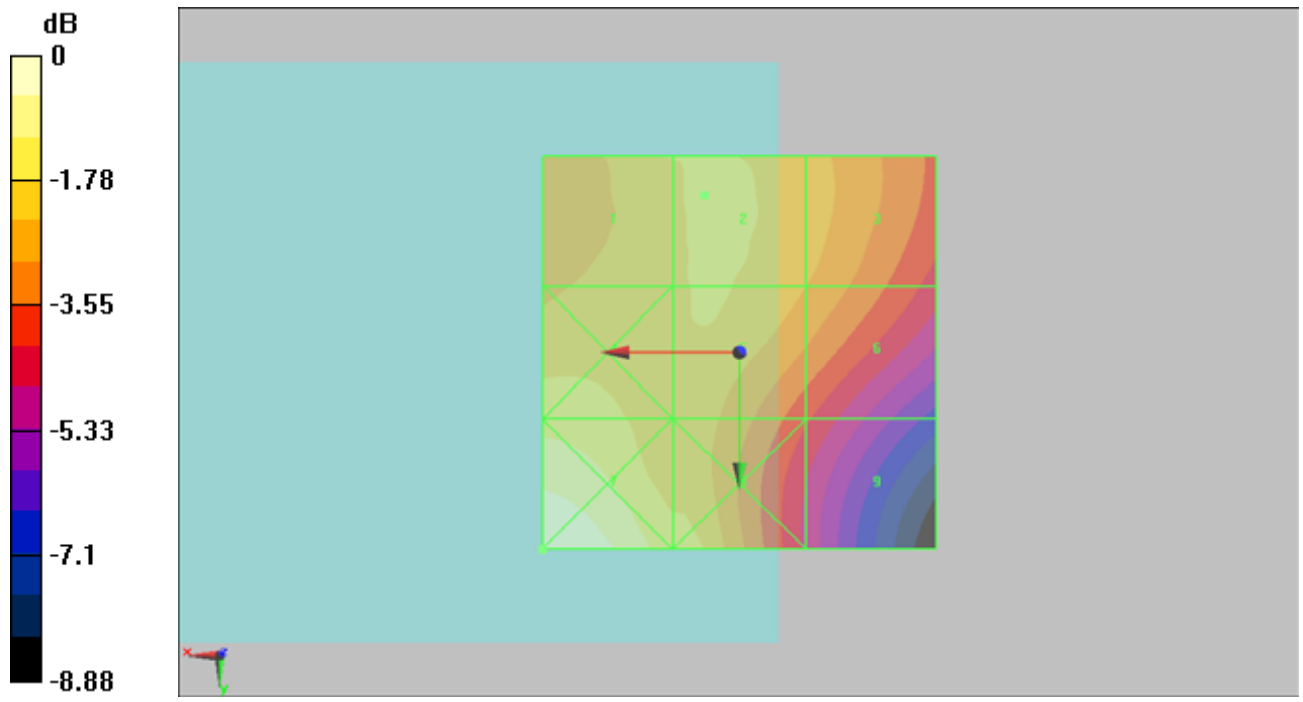
Grid 1 <b>0.032 M4</b>	Grid 2 <b>0.033 M4</b>	Grid 3 <b>0.031 M4</b>
Grid 4 <b>0.033 M4</b>	Grid 5 <b>0.032 M4</b>	Grid 6 <b>0.030 M4</b>
Grid 7 <b>0.039 M4</b>	Grid 8 <b>0.033 M4</b>	Grid 9 <b>0.025 M4</b>

**Cursor:**

Total = 0.039 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.039A/m