

**#05 HAC\_E\_GSM850\_Ch189\_Battery 1**

**DUT: 062305**

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 = 117.8 V/m

Probe Modulation Factor = 2.60

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.8 V/m; Power Drift = -0.015 dB

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

Peak E-field in V/m

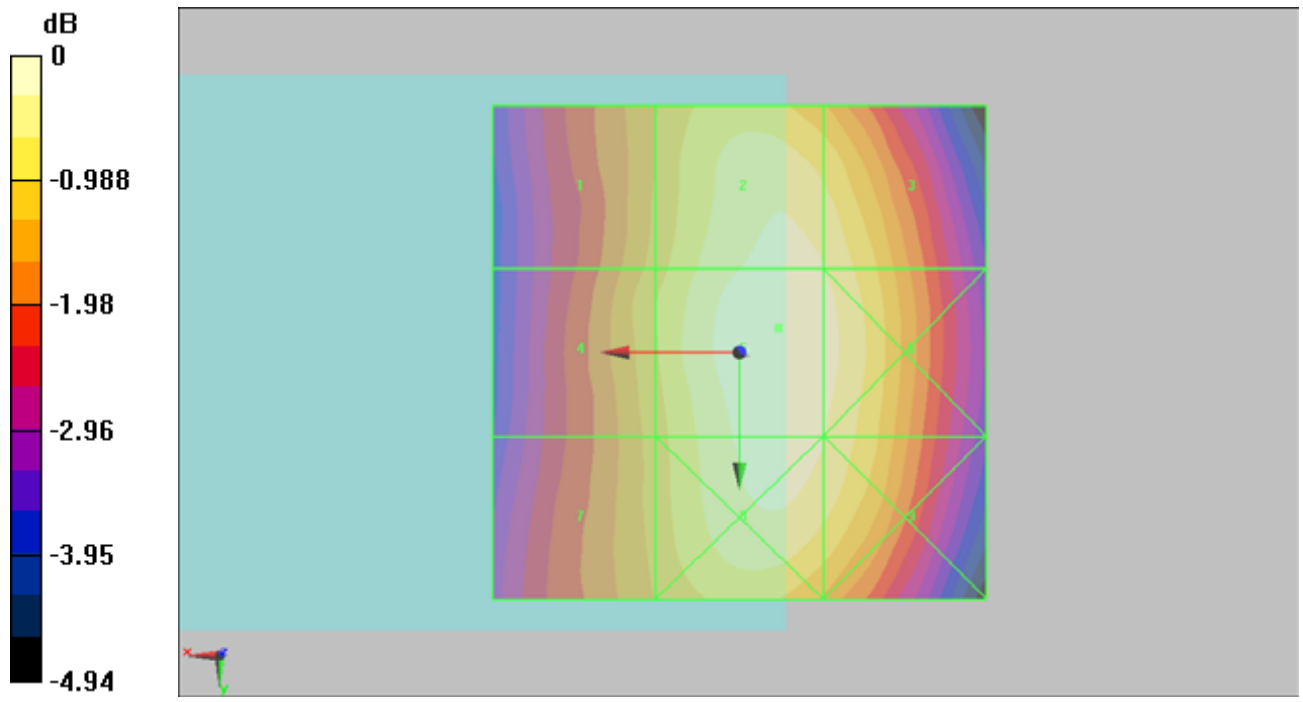
Grid 1 <b>103.2 M4</b>	Grid 2 <b>115.7 M4</b>	Grid 3 <b>113.6 M4</b>
Grid 4 <b>105.2 M4</b>	Grid 5 <b>117.8 M4</b>	Grid 6 <b>115.4 M4</b>
Grid 7 <b>103.3 M4</b>	Grid 8 <b>115.8 M4</b>	Grid 9 <b>113.7 M4</b>

**Cursor:**

Total = 117.8 V/m

E Category: M4

Location: -4, -2.5, 8.7 mm



0 dB = 117.8V/m

**#06 HAC\_E\_GSM850\_Ch128\_Battery 1****DUT: 062305**

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 = 109.8 V/m

Probe Modulation Factor = 2.60

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 53 V/m; Power Drift = -0.078 dB

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

Peak E-field in V/m

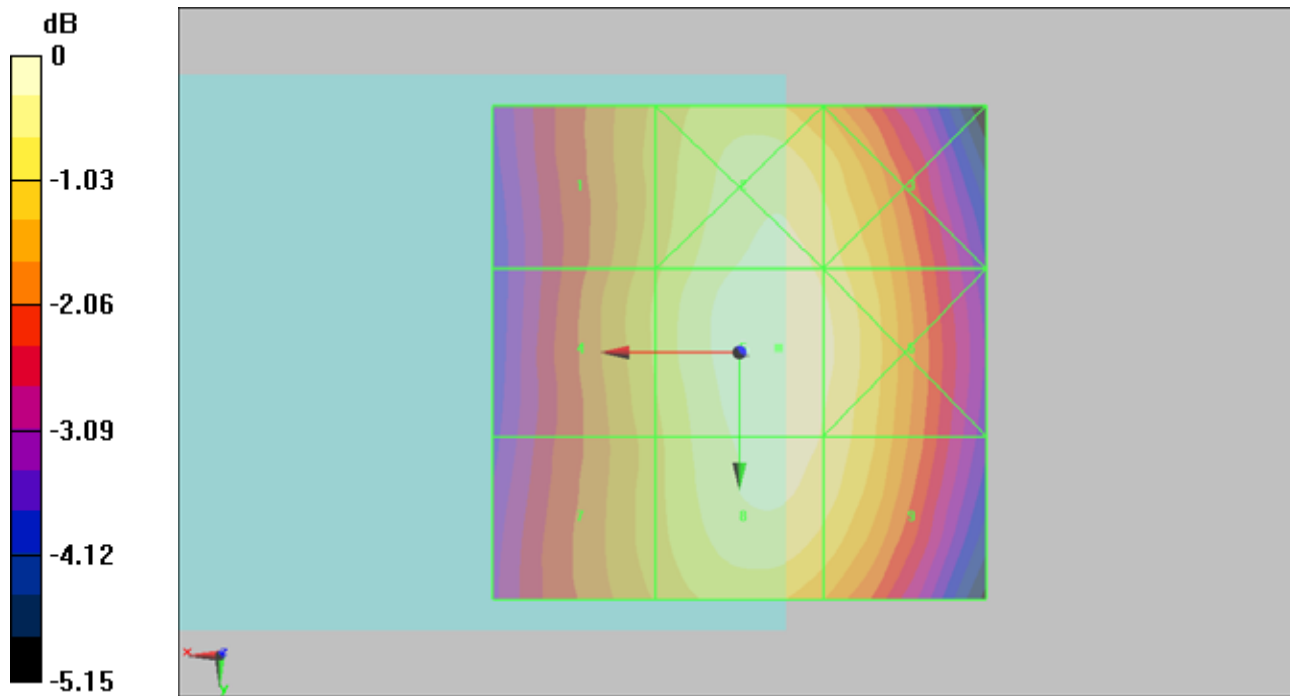
Grid 1	Grid 2	Grid 3
<b>96.7 M4</b>	<b>107.7 M4</b>	<b>104.5 M4</b>
Grid 4	Grid 5	Grid 6
<b>98.3 M4</b>	<b>109.8 M4</b>	<b>106.9 M4</b>
Grid 7	Grid 8	Grid 9
<b>96.4 M4</b>	<b>107.5 M4</b>	<b>105.2 M4</b>

**Cursor:**

Total = 109.8 V/m

E Category: M4

Location: -4, -0.5, 8.7 mm



0 dB = 109.8V/m

**#07 HAC\_E\_GSM850\_Ch251\_Battery 1****DUT: 062305**

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

**Ch251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 105.7 V/m

Probe Modulation Factor = 2.60

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.7 V/m; Power Drift = 0.00811 dB

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

Peak E-field in V/m

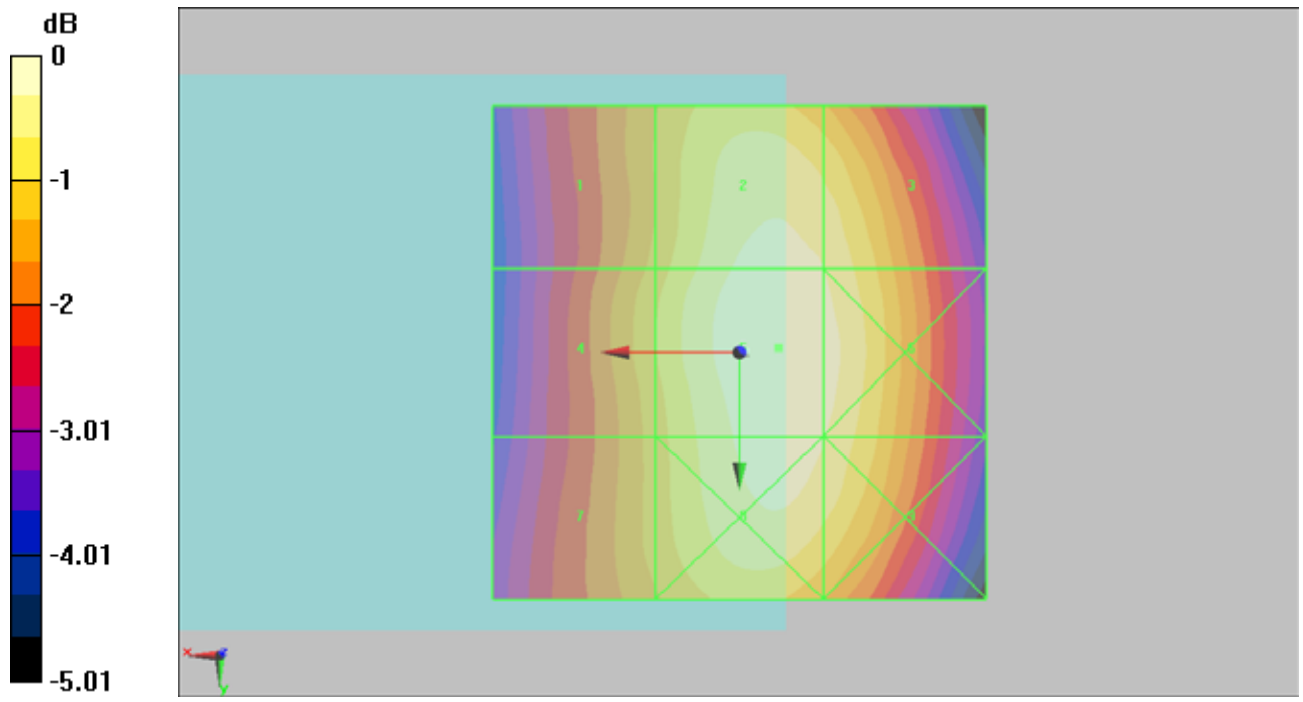
Grid 1 <b>92.2 M4</b>	Grid 2 <b>103.5 M4</b>	Grid 3 <b>101.8 M4</b>
Grid 4 <b>94.2 M4</b>	Grid 5 <b>105.7 M4</b>	Grid 6 <b>103.7 M4</b>
Grid 7 <b>92.5 M4</b>	Grid 8 <b>104.0 M4</b>	Grid 9 <b>102.0 M4</b>

**Cursor:**

Total = 105.7 V/m

E Category: M4

Location: -4, -0.5, 8.7 mm



0 dB = 105.7V/m

**#08 HAC\_E\_GSM850\_Ch189\_Battery 2**

**DUT: 062305**

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 : 22.5

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

**Ch189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 113.9 V/m

Probe Modulation Factor = 2.60

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.5 V/m; Power Drift = -0.149 dB

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

Peak E-field in V/m

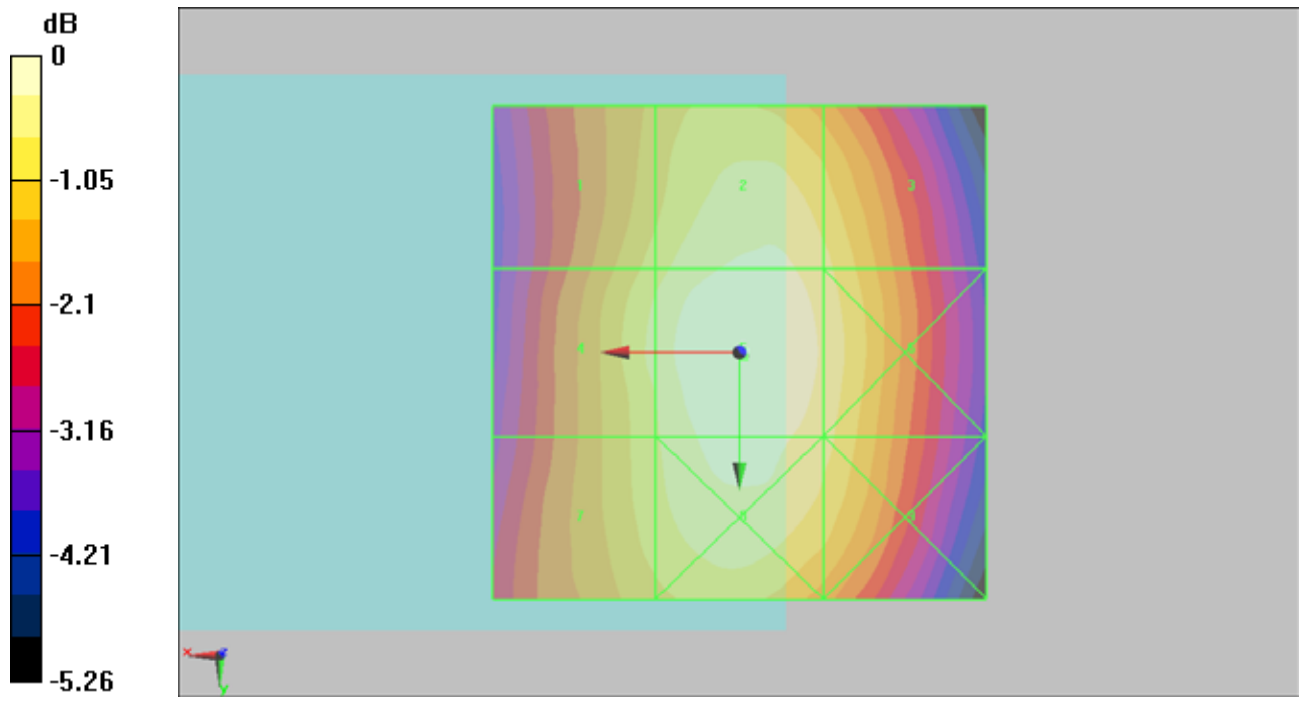
Grid 1 <b>103.2 M4</b>	Grid 2 <b>110.6 M4</b>	Grid 3 <b>106.5 M4</b>
Grid 4 <b>106.7 M4</b>	Grid 5 <b>113.9 M4</b>	Grid 6 <b>108.7 M4</b>
Grid 7 <b>104.6 M4</b>	Grid 8 <b>111.6 M4</b>	Grid 9 <b>106.7 M4</b>

**Cursor:**

Total = 113.9 V/m

E Category: M4

Location: -0.5, 0.5, 8.7 mm



0 dB = 113.9V/m



**#01 HAC\_E\_GSM1900\_Ch661\_Battery 1**

**DUT: 062305**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn778; Calibrated: 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 = 62.5 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.7 V/m; Power Drift = 0.113 dB

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

Peak E-field in V/m

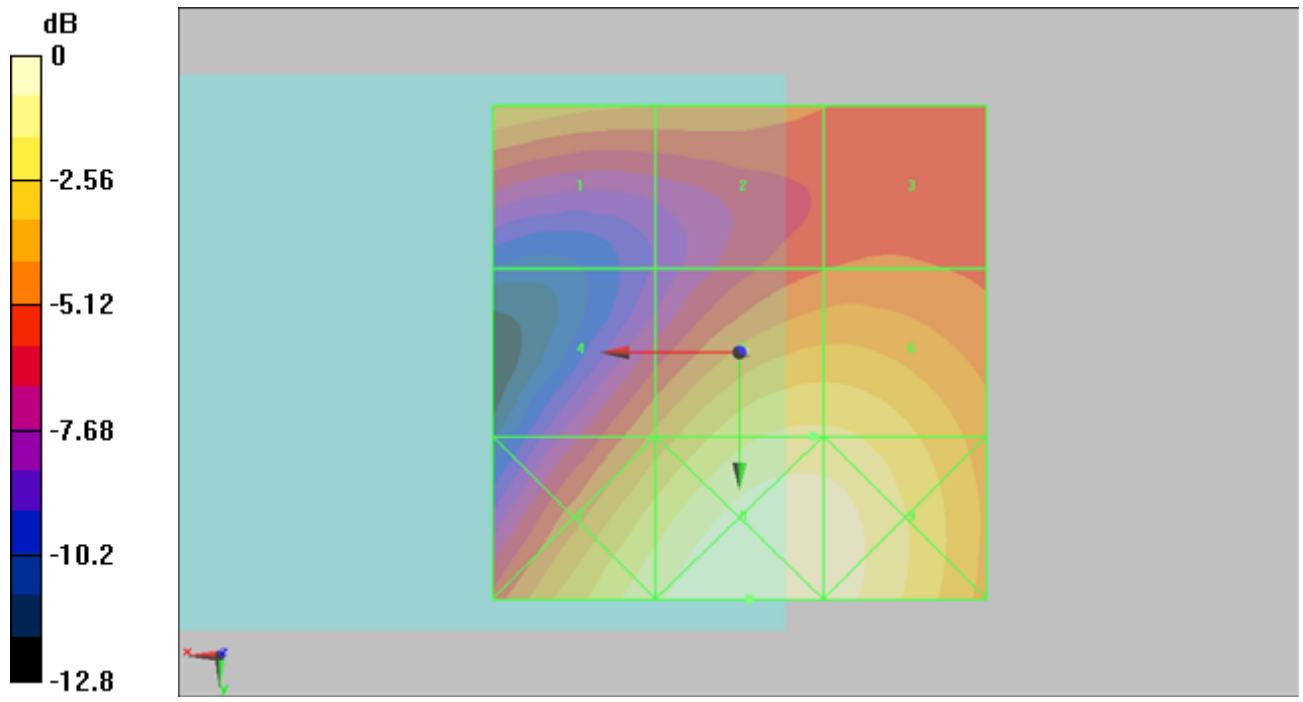
Grid 1 <b>50.2 M3</b>	Grid 2 <b>45.4 M4</b>	Grid 3 <b>42 M4</b>
Grid 4 <b>46.6 M4</b>	Grid 5 <b>62.5 M3</b>	Grid 6 <b>62.5 M3</b>
Grid 7 <b>65.9 M3</b>	Grid 8 <b>74 M3</b>	Grid 9 <b>71.6 M3</b>

**Cursor:**

Total = 74 V/m

E Category: M3

Location: -1, 25, 8.7 mm



0 dB = 74V/m

**#02 HAC\_E\_GSM1900\_Ch512\_Battery 1**

**DUT: 062305**

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 = 73.3 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.6 V/m; Power Drift = 0.055 dB

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

Peak E-field in V/m

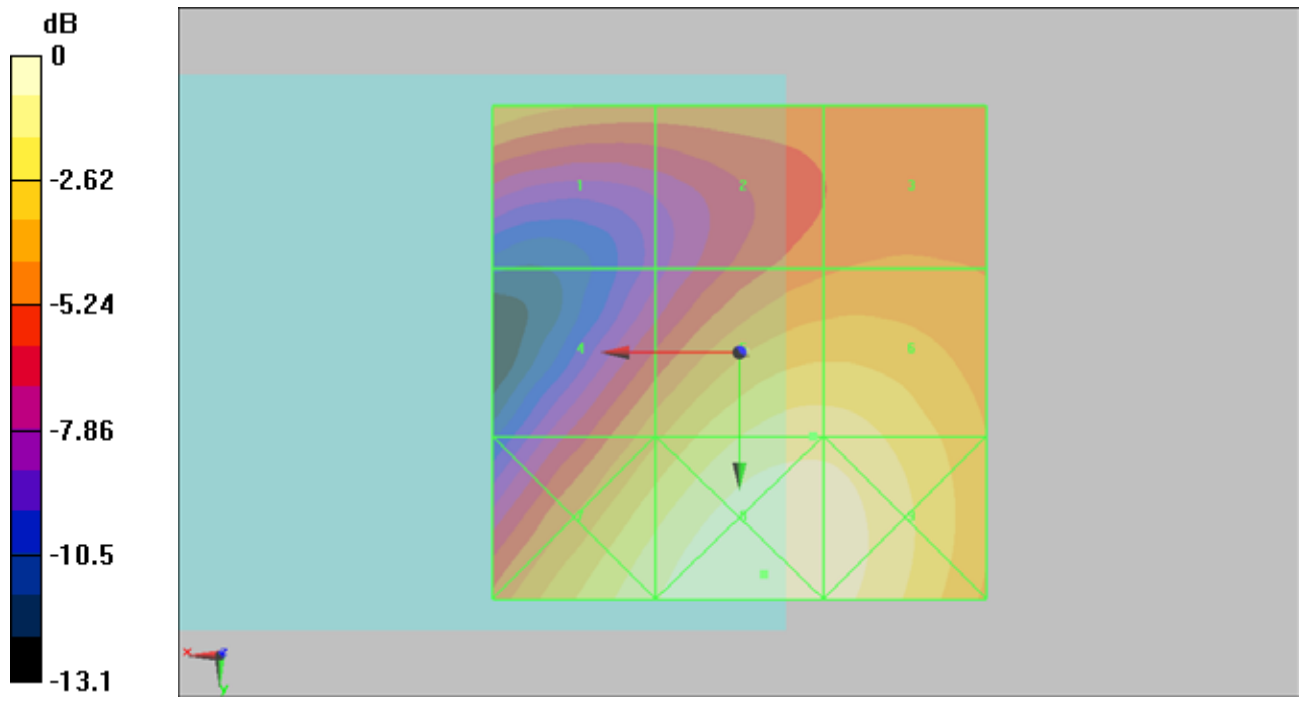
Grid 1 <b>56.1 M3</b>	Grid 2 <b>50.1 M3</b>	Grid 3 <b>51.9 M3</b>
Grid 4 <b>55 M3</b>	Grid 5 <b>73.3 M3</b>	Grid 6 <b>73.2 M3</b>
Grid 7 <b>75.5 M3</b>	Grid 8 <b>84.2 M2</b>	Grid 9 <b>81.3 M3</b>

**Cursor:**

Total = 84.2 V/m

E Category: M2

Location: -2.5, 22.5, 8.7 mm



0 dB = 84.2V/m

**#03 HAC\_E\_GSM1900\_Ch810\_Battery 1****DUT: 062305**

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 = 49.5 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.6 V/m; Power Drift = 0.054 dB

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

Peak E-field in V/m

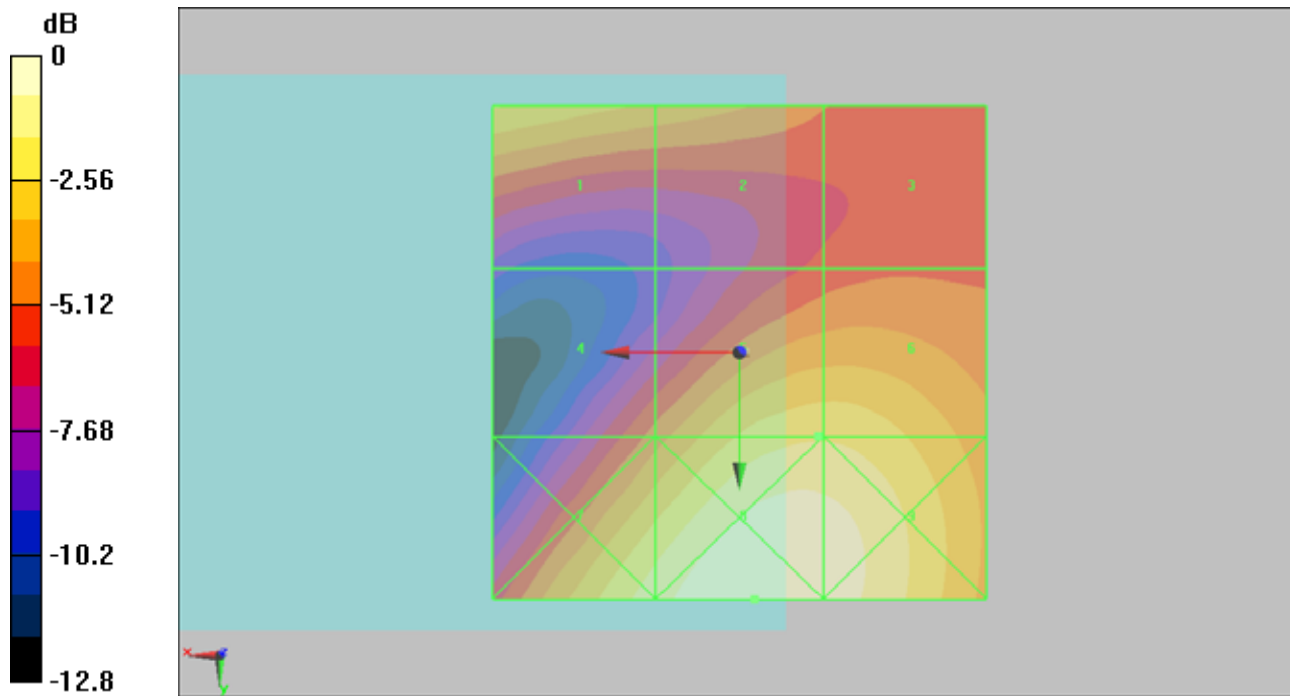
Grid 1 <b>45.8 M4</b>	Grid 2 <b>40.4 M4</b>	Grid 3 <b>34.1 M4</b>
Grid 4 <b>35.5 M4</b>	Grid 5 <b>49.5 M3</b>	Grid 6 <b>49.5 M3</b>
Grid 7 <b>53.1 M3</b>	Grid 8 <b>60.9 M3</b>	Grid 9 <b>58.8 M3</b>

**Cursor:**

Total = 60.9 V/m

E Category: M3

Location: -1.5, 25, 8.7 mm



0 dB = 60.9V/m

**#04 HAC\_E\_GSM1900\_Ch512\_Battery 2**

**DUT: 062305**

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 = 68.9 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.4 V/m; Power Drift = 0.043 dB

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

Peak E-field in V/m

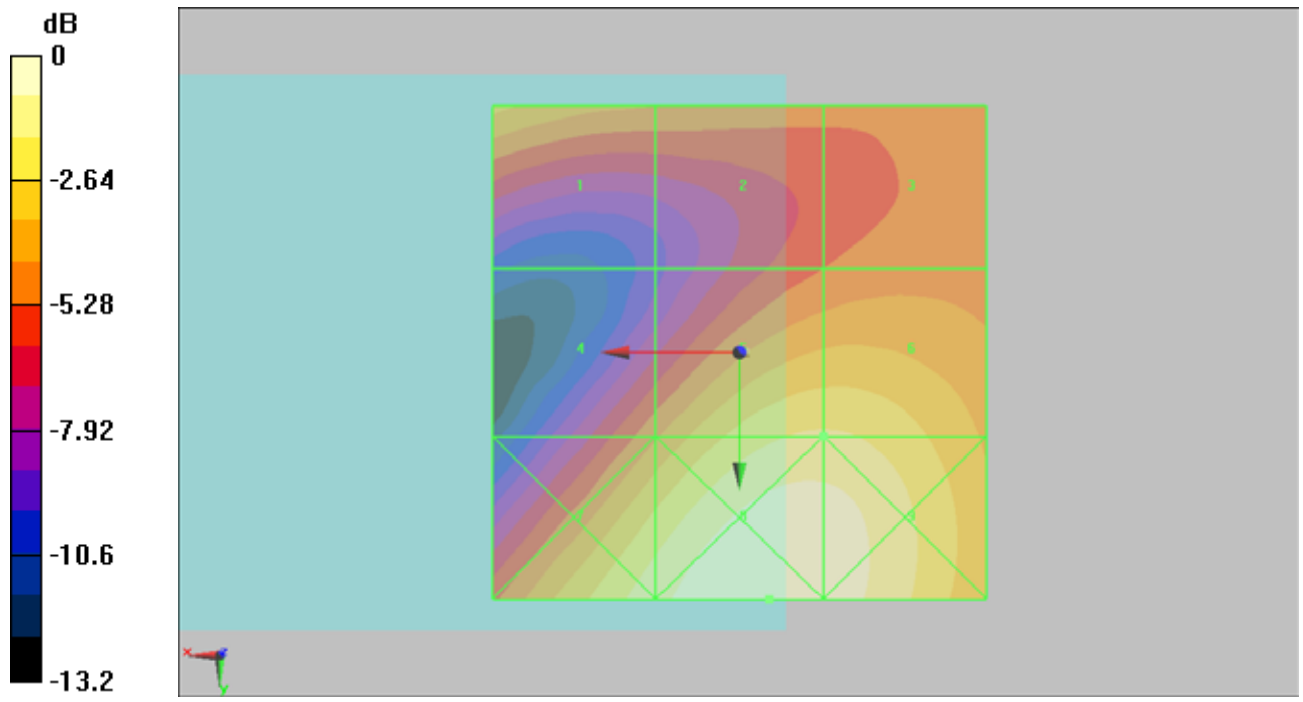
Grid 1 <b>57.2 M3</b>	Grid 2 <b>50.3 M3</b>	Grid 3 <b>48.4 M3</b>
Grid 4 <b>49.5 M3</b>	Grid 5 <b>68.9 M3</b>	Grid 6 <b>68.9 M3</b>
Grid 7 <b>72.7 M3</b>	Grid 8 <b>83.1 M3</b>	Grid 9 <b>80.2 M3</b>

**Cursor:**

Total = 83.1 V/m

E Category: M3

Location: -3, 25, 8.7 mm



0 dB = 83.1V/m



**#13 HAC\_E\_WCDMA V\_Ch4182\_Battery 1****DUT: 062305**

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 : 22.3

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

**Ch4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 36.8 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.6 V/m; Power Drift = -0.00747 dB

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

Peak E-field in V/m

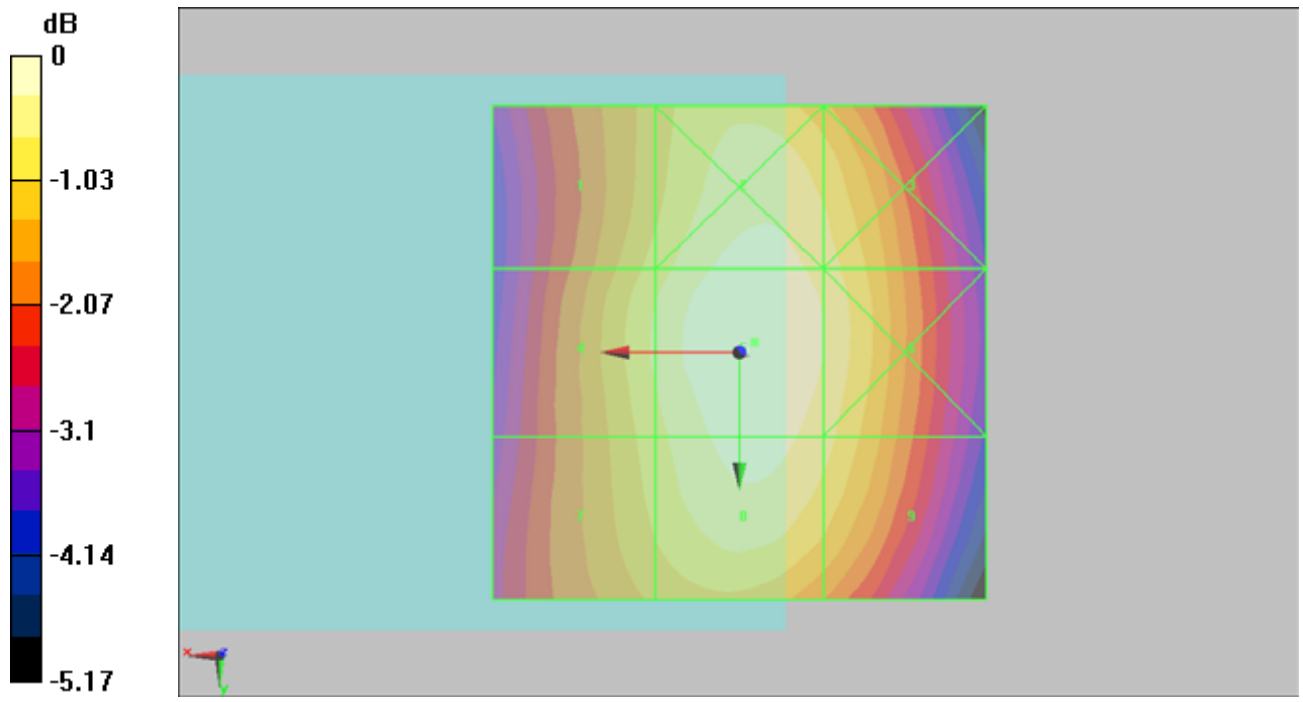
Grid 1 <b>33.3 M4</b>	Grid 2 <b>36 M4</b>	Grid 3 <b>34.8 M4</b>
Grid 4 <b>34.3 M4</b>	Grid 5 <b>36.8 M4</b>	Grid 6 <b>35.4 M4</b>
Grid 7 <b>33.5 M4</b>	Grid 8 <b>35.9 M4</b>	Grid 9 <b>34.5 M4</b>

**Cursor:**

Total = 36.8 V/m

E Category: M4

Location: -1.5, -1, 8.7 mm



0 dB = 36.8V/m

**#14 HAC\_E\_WCDMA V\_Ch4132\_Battery 1****DUT: 062305**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 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 = 44 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 60.6 V/m; Power Drift = -0.142 dB

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

Peak E-field in V/m

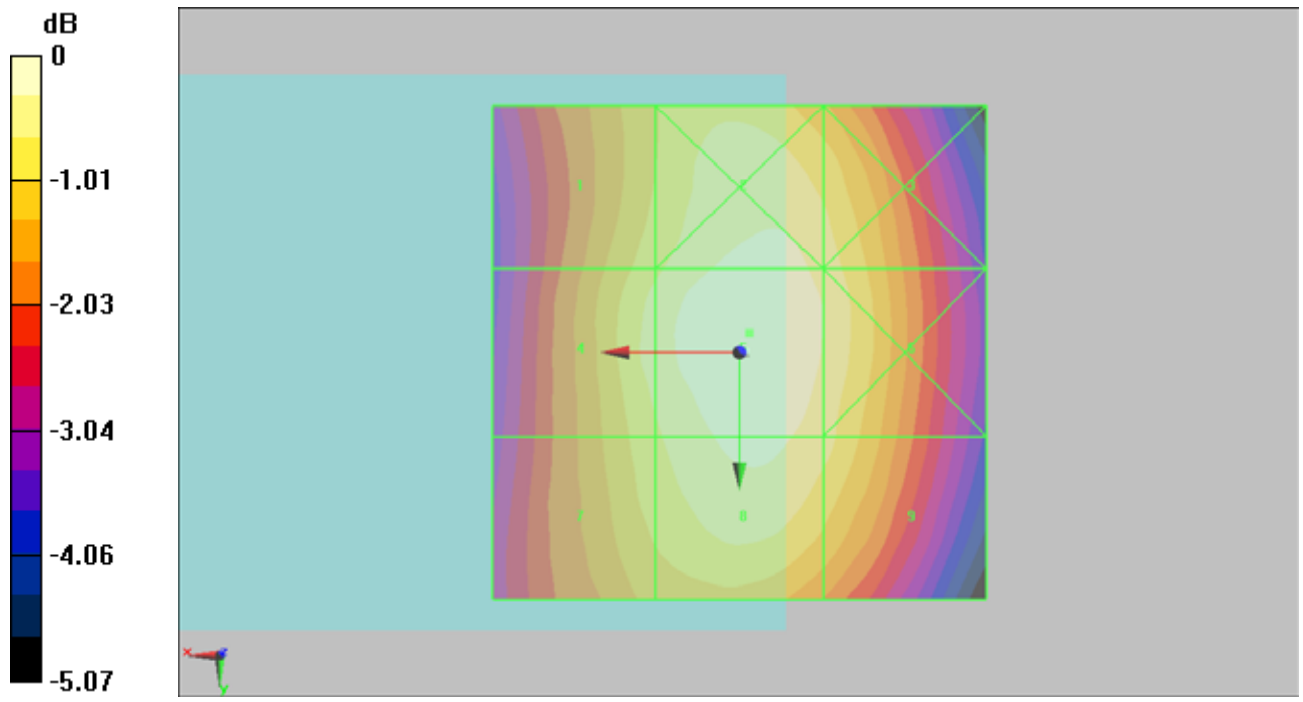
Grid 1 <b>40.4 M4</b>	Grid 2 <b>43.1 M4</b>	Grid 3 <b>41.7 M4</b>
Grid 4 <b>41.6 M4</b>	Grid 5 <b>44 M4</b>	Grid 6 <b>42.3 M4</b>
Grid 7 <b>40.5 M4</b>	Grid 8 <b>42.8 M4</b>	Grid 9 <b>41.3 M4</b>

**Cursor:**

Total = 44 V/m

E Category: M4

Location: -1, -2, 8.7 mm



0 dB = 44V/m

**#15 HAC\_E\_WCDMA V\_Ch4233\_Battery 1****DUT: 062305**

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 : 22.7

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 = 38.6 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 52.6 V/m; Power Drift = 0.014 dB

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

Peak E-field in V/m

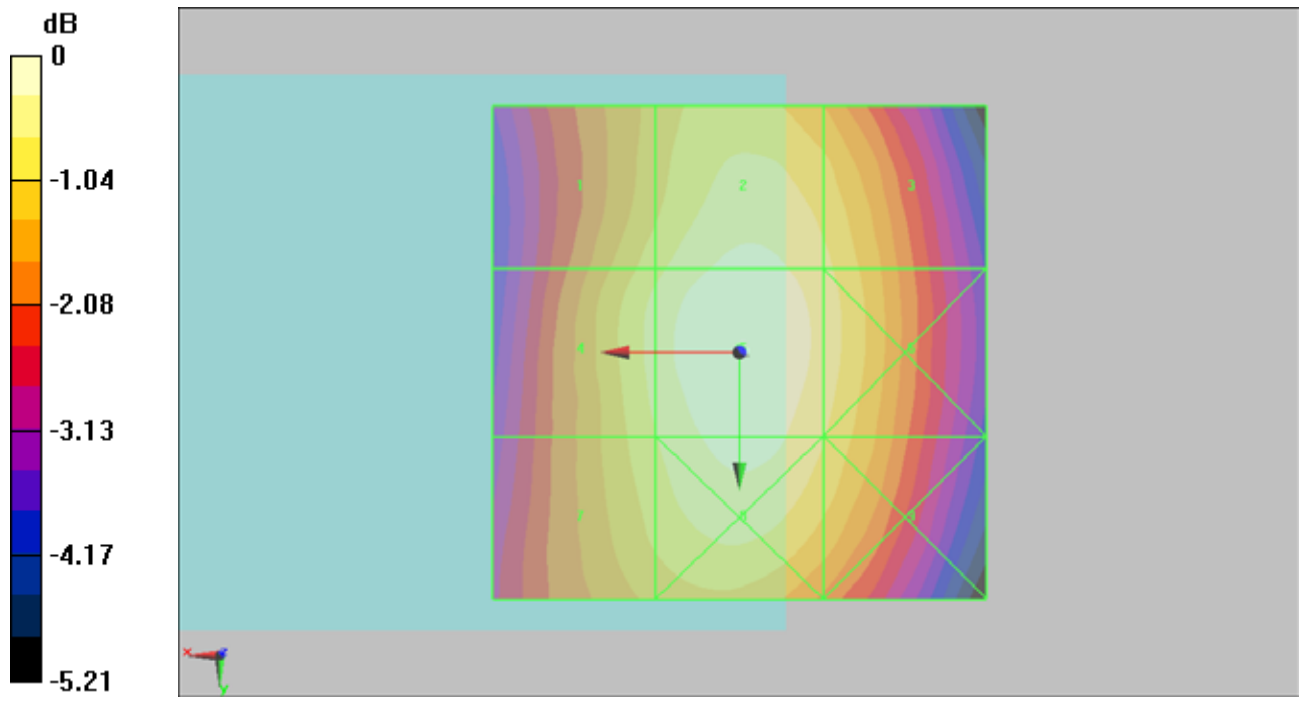
Grid 1 <b>35.2 M4</b>	Grid 2 <b>37.6 M4</b>	Grid 3 <b>36.1 M4</b>
Grid 4 <b>36.2 M4</b>	Grid 5 <b>38.6 M4</b>	Grid 6 <b>36.6 M4</b>
Grid 7 <b>35.6 M4</b>	Grid 8 <b>37.6 M4</b>	Grid 9 <b>35.8 M4</b>

**Cursor:**

Total = 38.6 V/m

E Category: M4

Location: 0, -0.5, 8.7 mm



0 dB = 38.6V/m

**#16 HAC\_E\_WCDMA V\_Ch4132\_Battery 2****DUT: 062305**

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 : 22.3

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

**Ch4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 46 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 63 V/m; Power Drift = -0.322 dB

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

Peak E-field in V/m

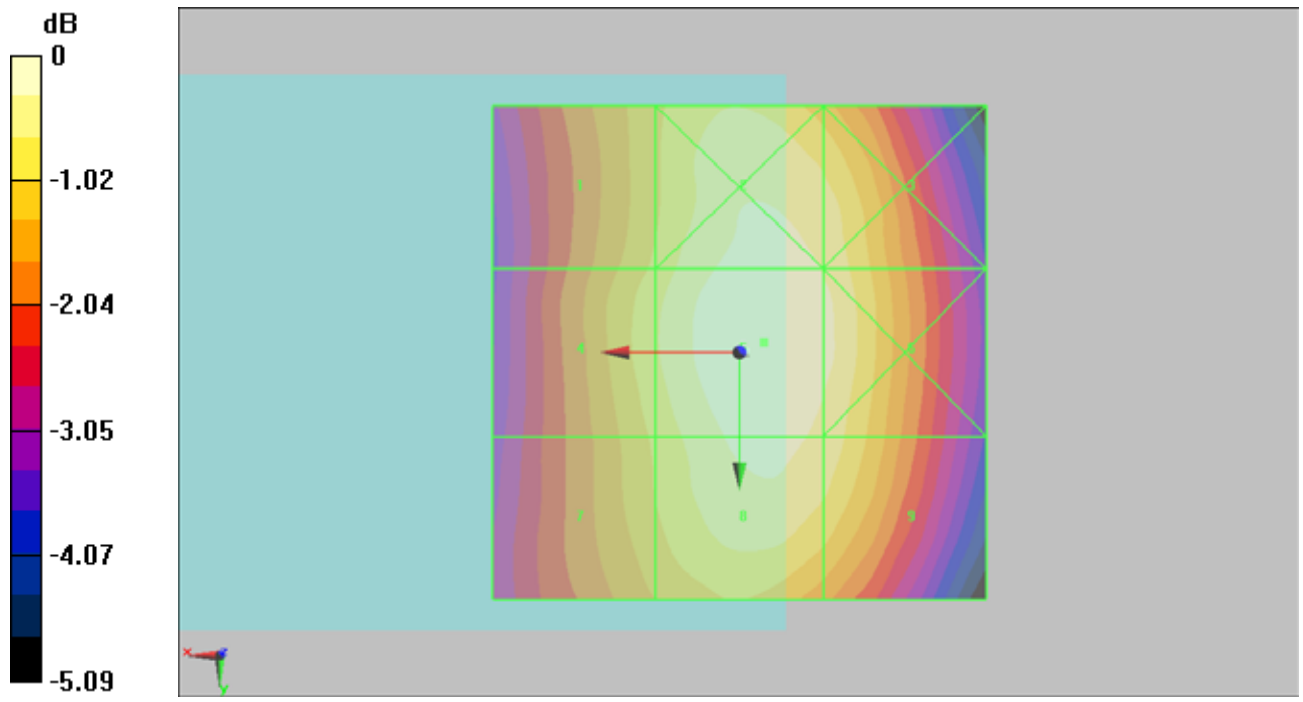
Grid 1 <b>41.4 M4</b>	Grid 2 <b>45.1 M4</b>	Grid 3 <b>44.1 M4</b>
Grid 4 <b>42.4 M4</b>	Grid 5 <b>46 M4</b>	Grid 6 <b>44.8 M4</b>
Grid 7 <b>41.3 M4</b>	Grid 8 <b>44.9 M4</b>	Grid 9 <b>43.8 M4</b>

**Cursor:**

Total = 46 V/m

E Category: M4

Location: -2.5, -1, 8.7 mm



0 dB = 46V/m



**#09 HAC\_E\_WCDMA II\_Ch9400\_Battery 1****DUT: 062305**

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 : 22.5

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

**Ch9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.5 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.2 V/m; Power Drift = 0.036 dB

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

Peak E-field in V/m

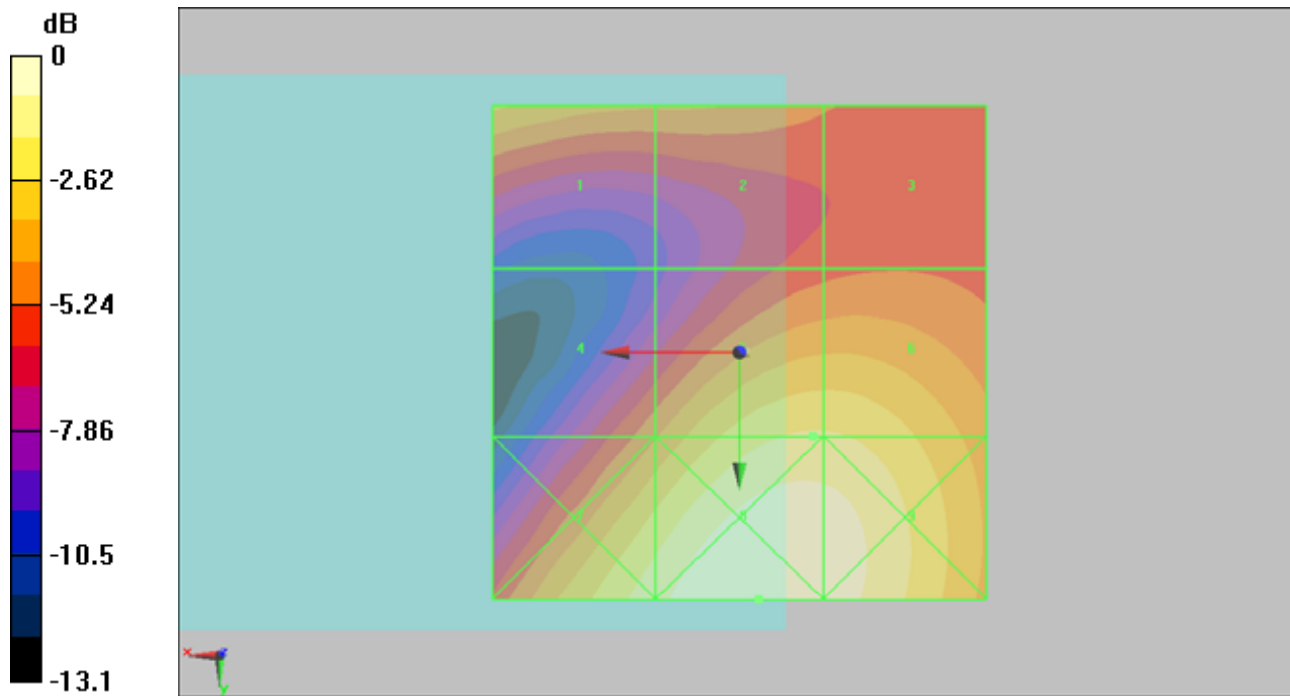
Grid 1 <b>27.6 M4</b>	Grid 2 <b>24.9 M4</b>	Grid 3 <b>22.4 M4</b>
Grid 4 <b>24.3 M4</b>	Grid 5 <b>33.5 M4</b>	Grid 6 <b>33.5 M4</b>
Grid 7 <b>35.4 M4</b>	Grid 8 <b>40.4 M4</b>	Grid 9 <b>39.1 M4</b>

**Cursor:**

Total = 40.4 V/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 40.4V/m

**#10 HAC\_E\_WCDMA II\_Ch9262\_Battery 1****DUT: 062305**

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 = 41.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.6 V/m; Power Drift = -0.066 dB

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

Peak E-field in V/m

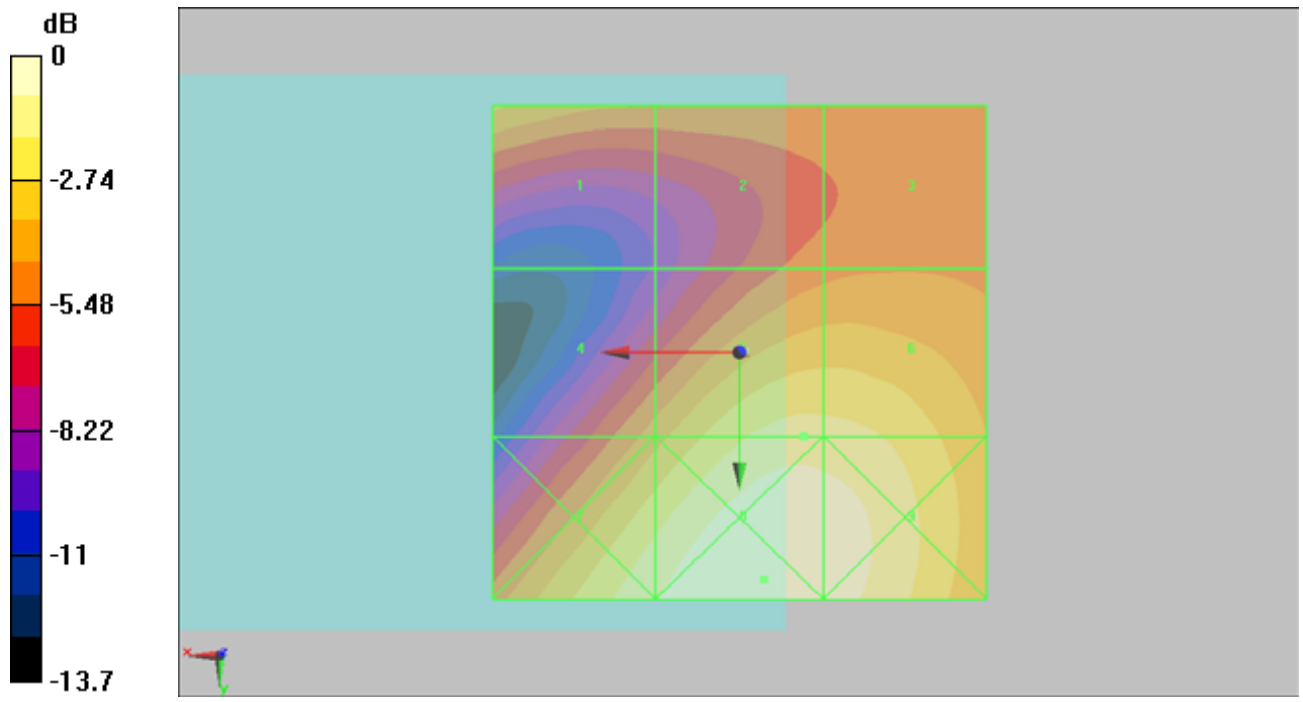
Grid 1 <b>32.6 M4</b>	Grid 2 <b>28.8 M4</b>	Grid 3 <b>28.7 M4</b>
Grid 4 <b>30.6 M4</b>	Grid 5 <b>41.4 M4</b>	Grid 6 <b>41.2 M4</b>
Grid 7 <b>43.4 M4</b>	Grid 8 <b>48.6 M4</b>	Grid 9 <b>46.8 M4</b>

**Cursor:**

Total = 48.6 V/m

E Category: M4

Location: -2.5, 23, 8.7 mm



0 dB = 48.6V/m

**#11 HAC\_E\_WCDMA II\_Ch9538\_Battery 1****DUT: 062305**

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 = 30.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.1 V/m; Power Drift = -0.065 dB

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

Peak E-field in V/m

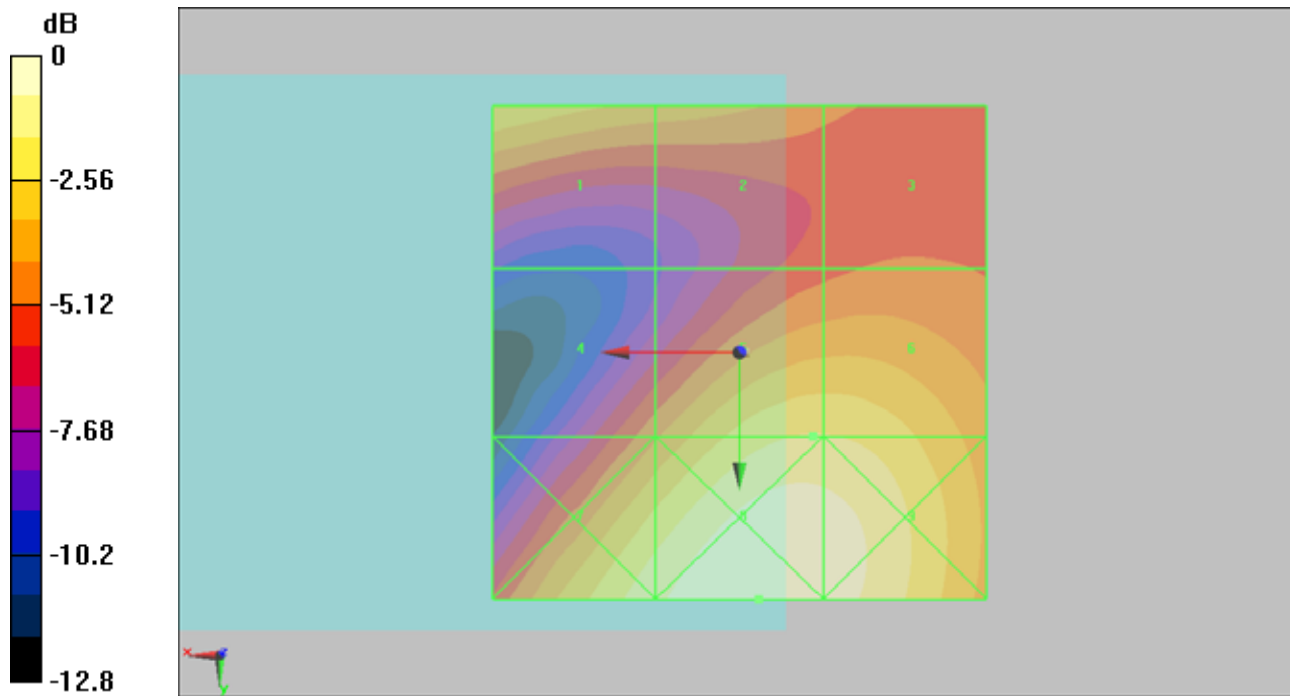
Grid 1 <b>27.5 M4</b>	Grid 2 <b>24 M4</b>	Grid 3 <b>21.1 M4</b>
Grid 4 <b>22.1 M4</b>	Grid 5 <b>30.4 M4</b>	Grid 6 <b>30.3 M4</b>
Grid 7 <b>32.6 M4</b>	Grid 8 <b>36.7 M4</b>	Grid 9 <b>35.4 M4</b>

**Cursor:**

Total = 36.7 V/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 36.7V/m

**#12 HAC\_E\_WCDMA II\_Ch9262\_Battery 2****DUT: 062305**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 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 = 39.5 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.6 V/m; Power Drift = -0.00825 dB

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

Peak E-field in V/m

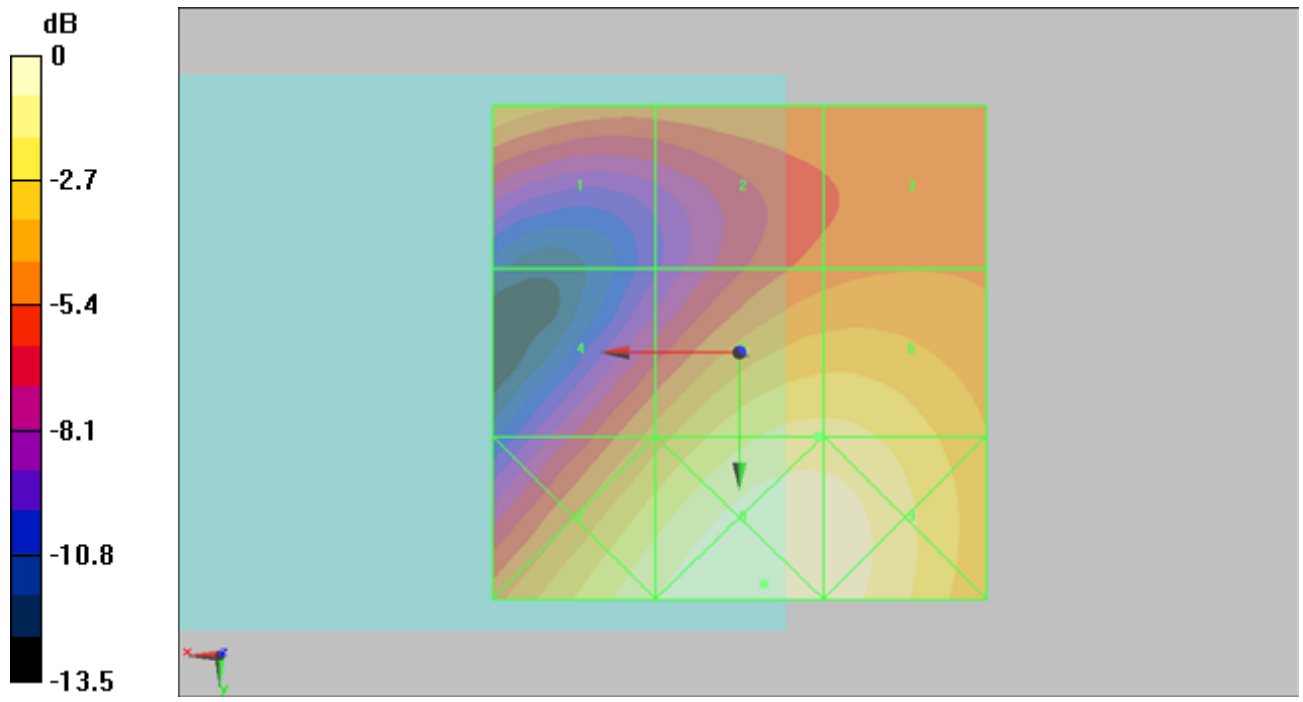
Grid 1 <b>30.8 M4</b>	Grid 2 <b>27.7 M4</b>	Grid 3 <b>27.7 M4</b>
Grid 4 <b>29.1 M4</b>	Grid 5 <b>39.5 M4</b>	Grid 6 <b>39.5 M4</b>
Grid 7 <b>41.7 M4</b>	Grid 8 <b>46.6 M4</b>	Grid 9 <b>45.3 M4</b>

**Cursor:**

Total = 46.6 V/m

E Category: M4

Location: -2.5, 23.5, 8.7 mm



0 dB = 46.6V/m



**#21 HAC\_H\_GSM850\_Ch189\_Battery 1**

**DUT: 062305**

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 : 22.5

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

**Ch189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.119 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.043 A/m; Power Drift = 0.237 dB

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

Peak H-field in A/m

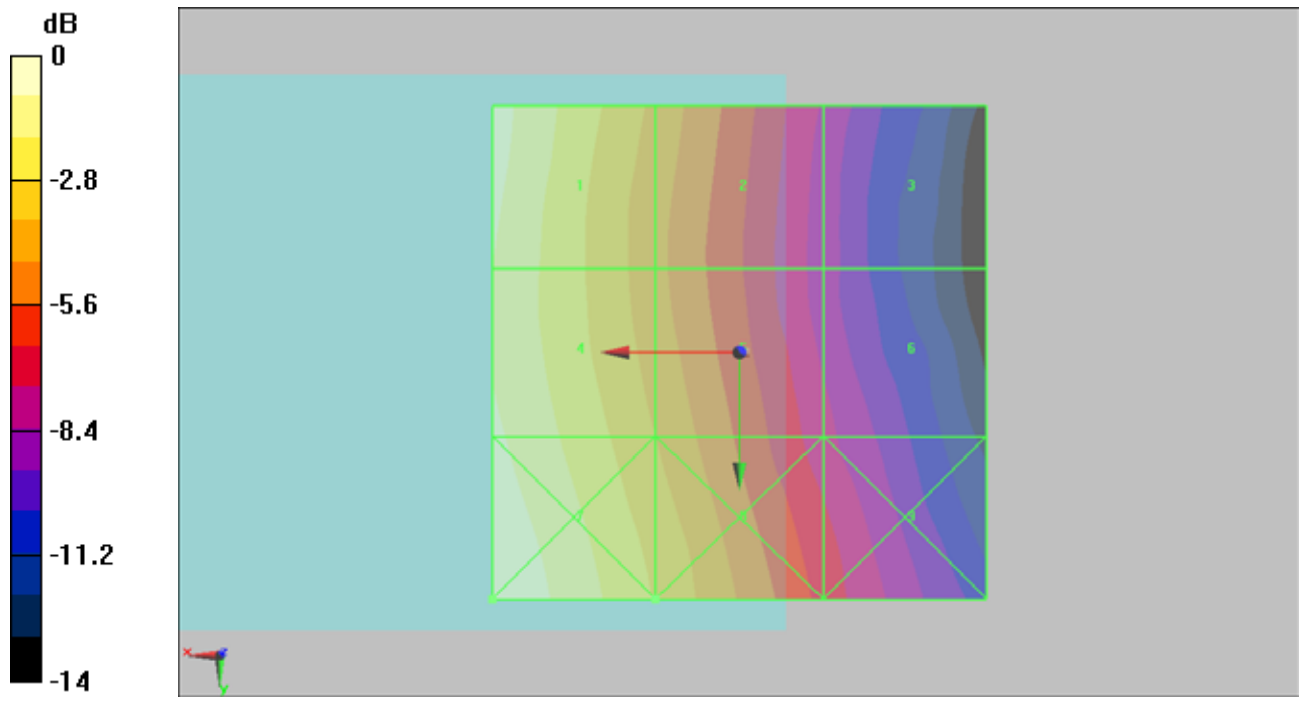
Grid 1 <b>0.119 M4</b>	Grid 2 <b>0.080 M4</b>	Grid 3 <b>0.048 M4</b>
Grid 4 <b>0.116 M4</b>	Grid 5 <b>0.082 M4</b>	Grid 6 <b>0.050 M4</b>
Grid 7 <b>0.126 M4</b>	Grid 8 <b>0.091 M4</b>	Grid 9 <b>0.057 M4</b>

**Cursor:**

Total = 0.126 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.126A/m

**#22 HAC\_H\_GSM850\_Ch128\_Battery 1****DUT: 062305**

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 : 22.6

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 = 0.117 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.041 A/m; Power Drift = 0.00349 dB

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

Peak H-field in A/m

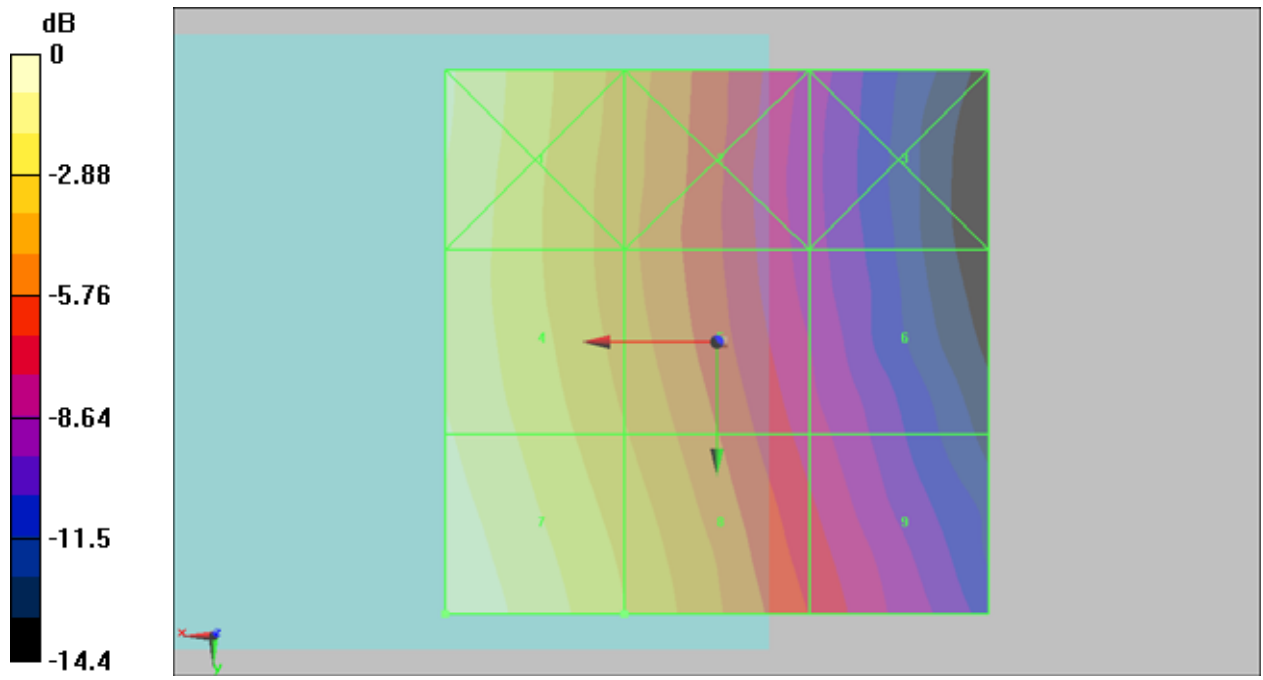
Grid 1 <b>0.107 M4</b>	Grid 2 <b>0.072 M4</b>	Grid 3 <b>0.042 M4</b>
Grid 4 <b>0.106 M4</b>	Grid 5 <b>0.076 M4</b>	Grid 6 <b>0.046 M4</b>
Grid 7 <b>0.117 M4</b>	Grid 8 <b>0.084 M4</b>	Grid 9 <b>0.054 M4</b>

**Cursor:**

Total = 0.117 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.117A/m

**#23 HAC\_H\_GSM850\_Ch251\_Battery 1**

**DUT: 062305**

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 = 0.108 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.042 A/m; Power Drift = 0.041 dB

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

Peak H-field in A/m

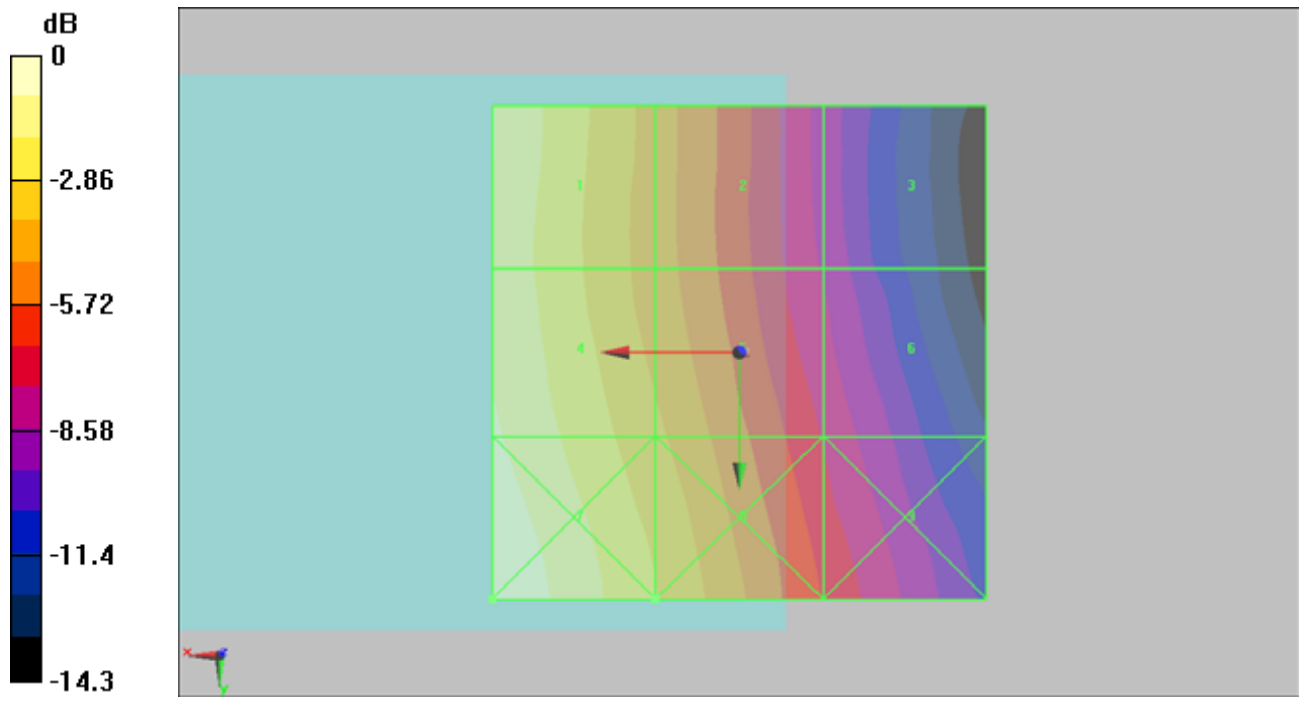
Grid 1 <b>0.106 M4</b>	Grid 2 <b>0.072 M4</b>	Grid 3 <b>0.044 M4</b>
Grid 4 <b>0.108 M4</b>	Grid 5 <b>0.078 M4</b>	Grid 6 <b>0.049 M4</b>
Grid 7 <b>0.118 M4</b>	Grid 8 <b>0.086 M4</b>	Grid 9 <b>0.055 M4</b>

**Cursor:**

Total = 0.118 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.118A/m

**#24 HAC\_H\_GSM850\_Ch189\_Battery 2**

**DUT: 062305**

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 : 22.7

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 = 0.117 A/m

Probe Modulation Factor = 1.35

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.045 A/m; Power Drift = 0.092 dB

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

Peak H-field in A/m

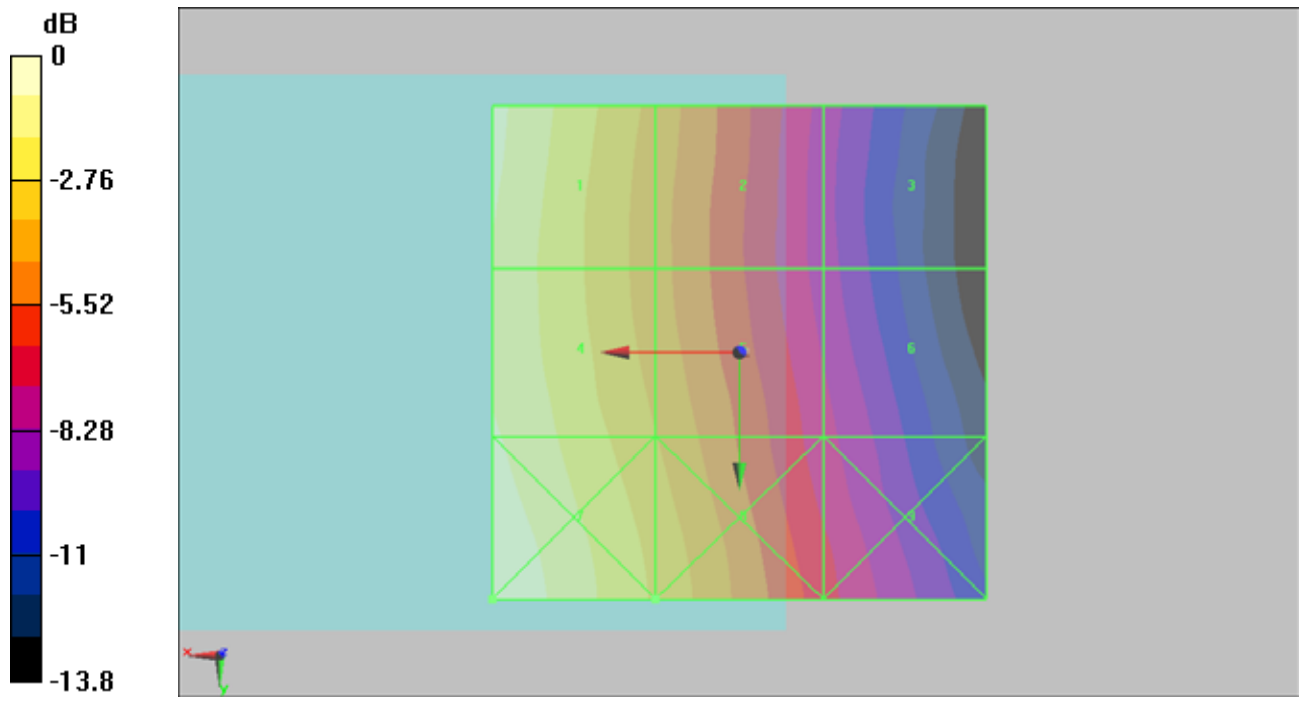
Grid 1 <b>0.117 M4</b>	Grid 2 <b>0.080 M4</b>	Grid 3 <b>0.047 M4</b>
Grid 4 <b>0.115 M4</b>	Grid 5 <b>0.083 M4</b>	Grid 6 <b>0.051 M4</b>
Grid 7 <b>0.126 M4</b>	Grid 8 <b>0.090 M4</b>	Grid 9 <b>0.057 M4</b>

**Cursor:**

Total = 0.126 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.126A/m



**#17 HAC\_H\_GSM1900\_Ch661\_Battery 1****DUT: 062305**

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 : 22.6

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 = 0.083 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.068 A/m; Power Drift = -0.035 dB

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

Peak H-field in A/m

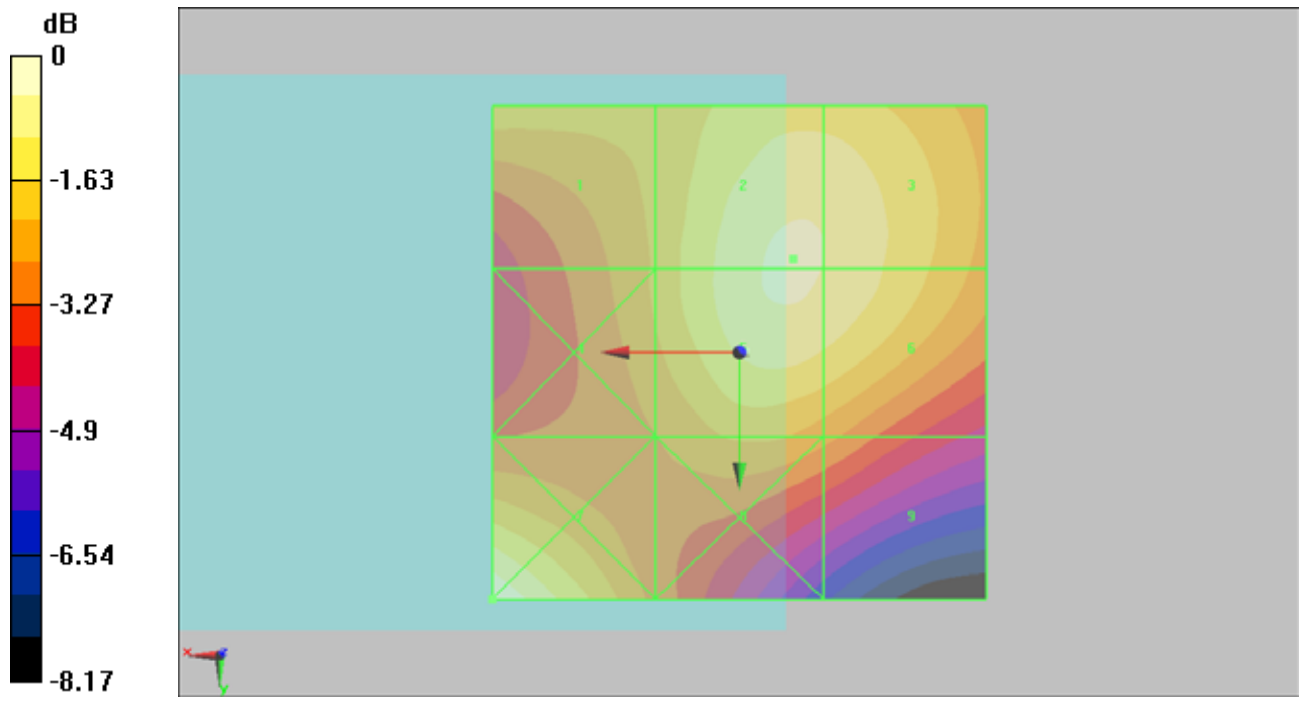
Grid 1 <b>0.071 M4</b>	Grid 2 <b>0.083 M4</b>	Grid 3 <b>0.082 M4</b>
Grid 4 <b>0.069 M4</b>	Grid 5 <b>0.083 M4</b>	Grid 6 <b>0.082 M4</b>
Grid 7 <b>0.087 M4</b>	Grid 8 <b>0.069 M4</b>	Grid 9 <b>0.065 M4</b>

**Cursor:**

Total = 0.087 A/m

H Category: M4

Location: 25, 25, 6.1 mm



0 dB = 0.087A/m

**#18 HAC\_H\_GSM1900\_Ch512\_Battery 1**

**DUT: 062305**

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 : 22.6

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 = 0.105 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.087 A/m; Power Drift = 0.019 dB

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

Peak H-field in A/m

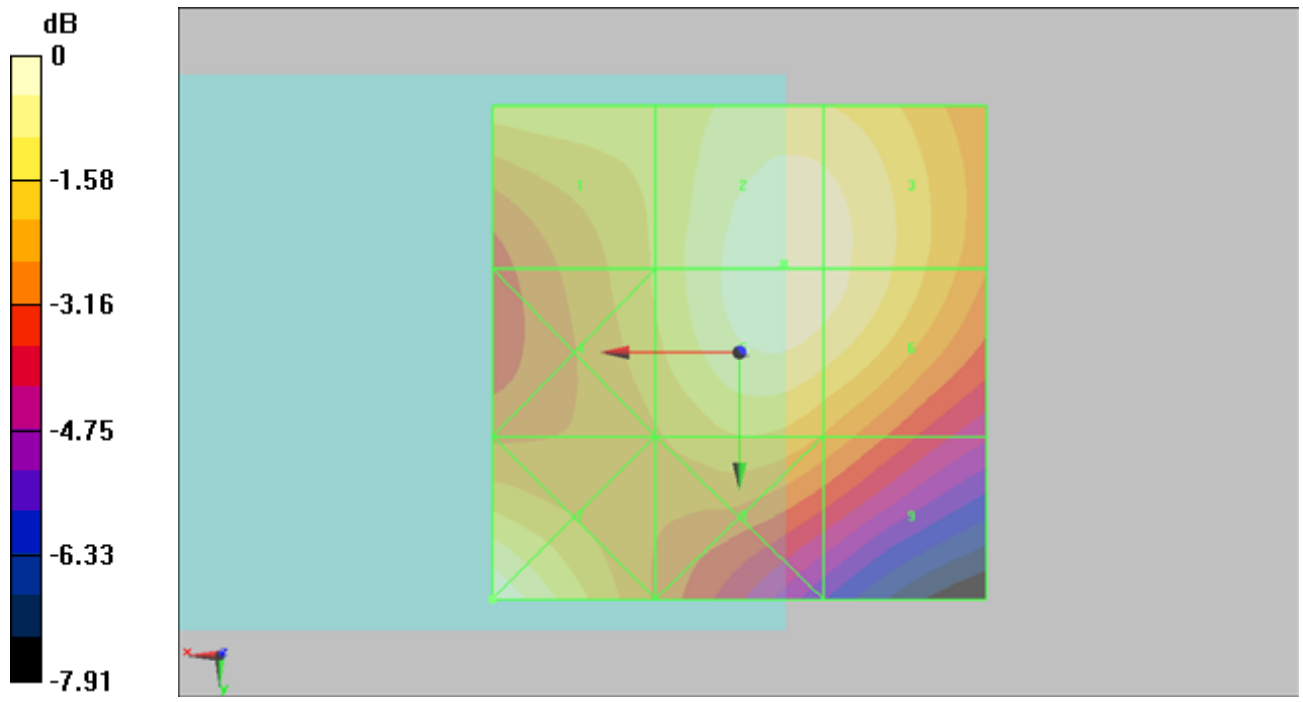
Grid 1 <b>0.092 M4</b>	Grid 2 <b>0.105 M4</b>	Grid 3 <b>0.103 M4</b>
Grid 4 <b>0.089 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.103 M4</b>
Grid 7 <b>0.106 M4</b>	Grid 8 <b>0.088 M4</b>	Grid 9 <b>0.083 M4</b>

**Cursor:**

Total = 0.106 A/m

H Category: M4

Location: 25, 25, 6.1 mm



0 dB = 0.106A/m

**#19 HAC\_H\_GSM1900\_Ch810\_Battery 1****DUT: 062305**

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 : 22.6

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 = 0.065 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.059 A/m; Power Drift = 0.026 dB

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

Peak H-field in A/m

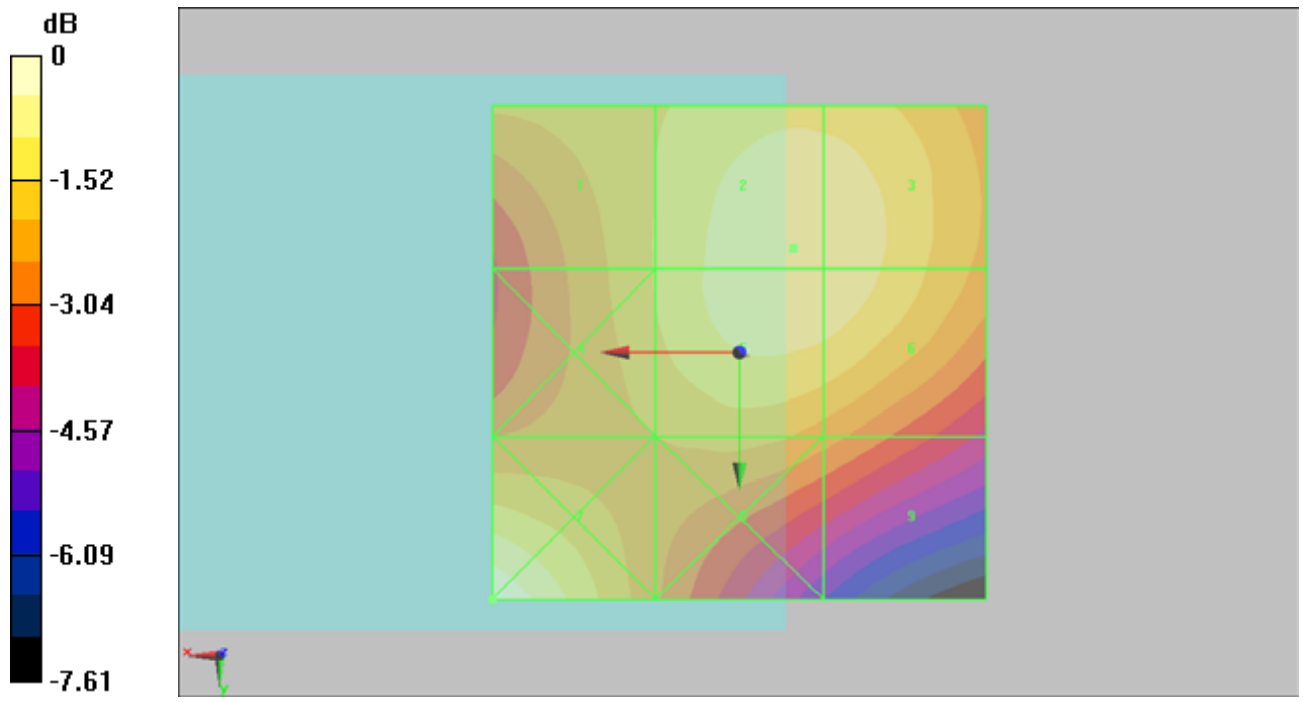
Grid 1 <b>0.058 M4</b>	Grid 2 <b>0.065 M4</b>	Grid 3 <b>0.064 M4</b>
Grid 4 <b>0.058 M4</b>	Grid 5 <b>0.065 M4</b>	Grid 6 <b>0.064 M4</b>
Grid 7 <b>0.069 M4</b>	Grid 8 <b>0.056 M4</b>	Grid 9 <b>0.053 M4</b>

**Cursor:**

Total = 0.069 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.069A/m

**#20 HAC\_H\_GSM1900\_Ch512\_Battery 2****DUT: 062305**

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 = 0.092 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.086 A/m; Power Drift = 0.00588 dB

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

Peak H-field in A/m

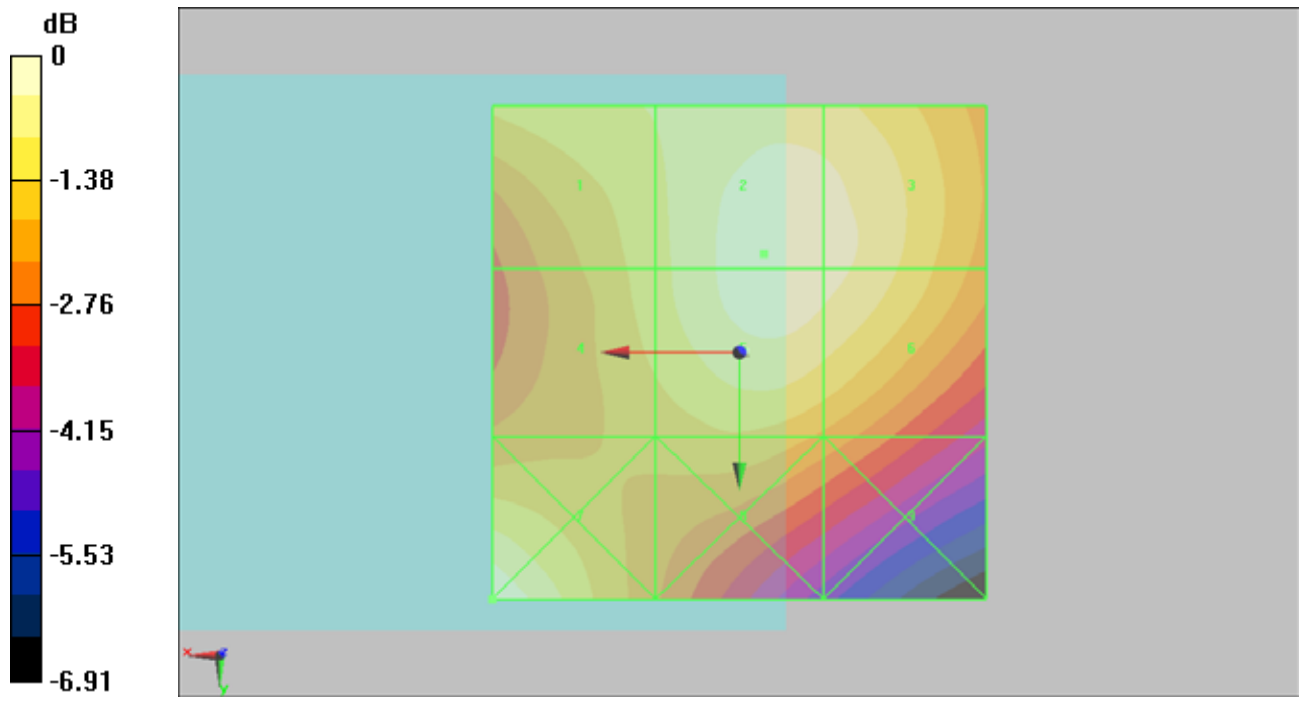
Grid 1 <b>0.085 M4</b>	Grid 2 <b>0.092 M4</b>	Grid 3 <b>0.091 M4</b>
Grid 4 <b>0.083 M4</b>	Grid 5 <b>0.092 M4</b>	Grid 6 <b>0.091 M4</b>
Grid 7 <b>0.094 M4</b>	Grid 8 <b>0.080 M4</b>	Grid 9 <b>0.075 M4</b>

**Cursor:**

Total = 0.094 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.094A/m



**#29 HAC\_H\_WCDMA V\_Ch4182\_Battery 1****DUT: 062305**

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 : 22.5

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

**Ch4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.061 A/m

Probe Modulation Factor = 0.80

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.068 A/m; Power Drift = 0.019 dB

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

Peak H-field in A/m

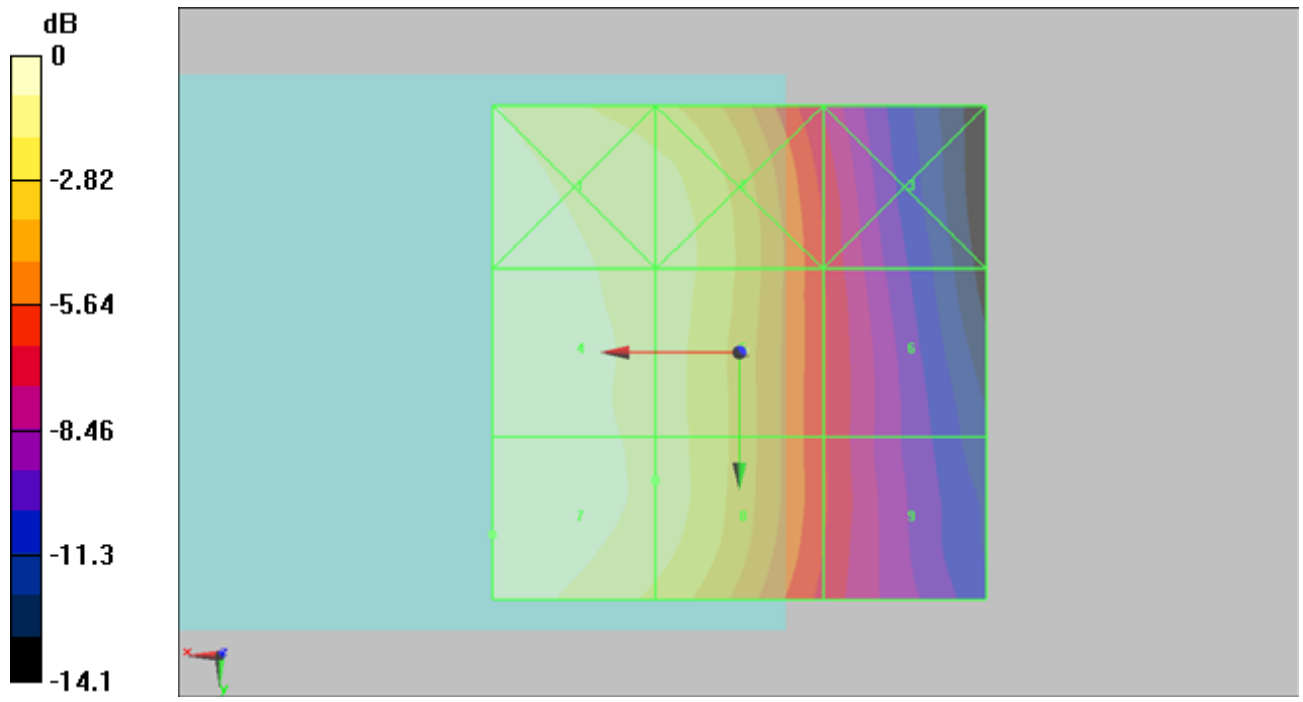
Grid 1 <b>0.058 M4</b>	Grid 2 <b>0.053 M4</b>	Grid 3 <b>0.029 M4</b>
Grid 4 <b>0.060 M4</b>	Grid 5 <b>0.053 M4</b>	Grid 6 <b>0.029 M4</b>
Grid 7 <b>0.061 M4</b>	Grid 8 <b>0.053 M4</b>	Grid 9 <b>0.029 M4</b>

**Cursor:**

Total = 0.061 A/m

H Category: M4

Location: 25, 18.5, 9.2 mm



0 dB = 0.061A/m

**#30 HAC\_H\_WCDMA V\_Ch4132\_Battery 1****DUT: 062305**

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 : 22.7

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 = 0.070 A/m

Probe Modulation Factor = 0.80

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.076 A/m; Power Drift = -0.082 dB

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

Peak H-field in A/m

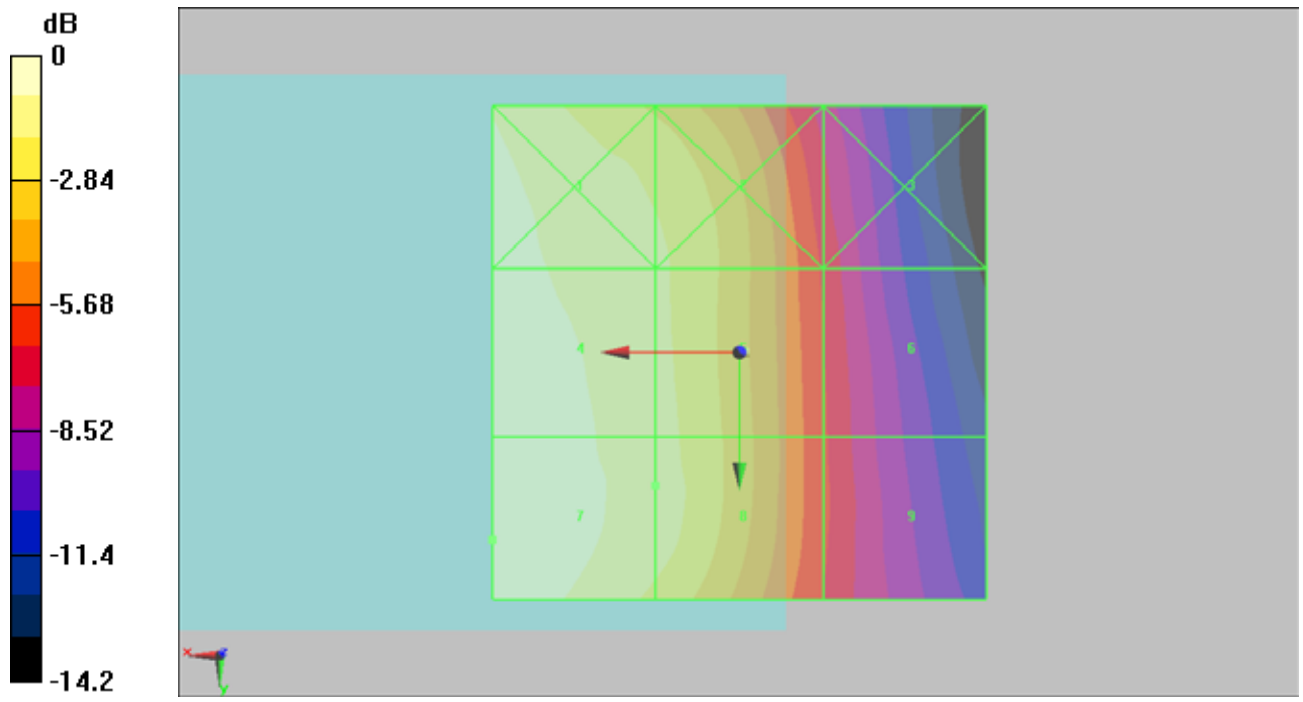
Grid 1 <b>0.066 M4</b>	Grid 2 <b>0.057 M4</b>	Grid 3 <b>0.032 M4</b>
Grid 4 <b>0.069 M4</b>	Grid 5 <b>0.059 M4</b>	Grid 6 <b>0.033 M4</b>
Grid 7 <b>0.070 M4</b>	Grid 8 <b>0.059 M4</b>	Grid 9 <b>0.034 M4</b>

**Cursor:**

Total = 0.070 A/m

H Category: M4

Location: 25, 19, 9.2 mm



0 dB = 0.070A/m

**#31 HAC\_H\_WCDMA V\_Ch4233\_Battery 1****DUT: 062305**

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 = 0.066 A/m

Probe Modulation Factor = 0.80

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.079 A/m; Power Drift = 0.101 dB

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

Peak H-field in A/m

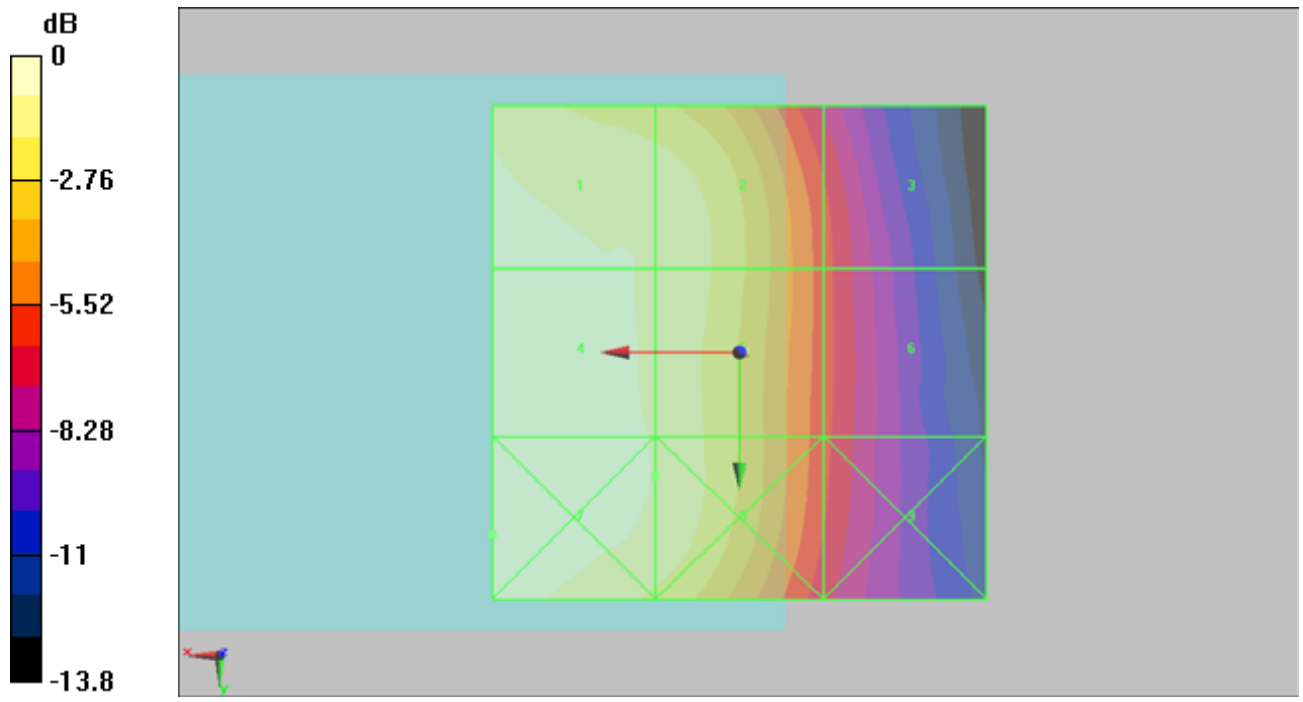
Grid 1 <b>0.063 M4</b>	Grid 2 <b>0.059 M4</b>	Grid 3 <b>0.034 M4</b>
Grid 4 <b>0.066 M4</b>	Grid 5 <b>0.060 M4</b>	Grid 6 <b>0.034 M4</b>
Grid 7 <b>0.067 M4</b>	Grid 8 <b>0.060 M4</b>	Grid 9 <b>0.033 M4</b>

**Cursor:**

Total = 0.067 A/m

H Category: M4

Location: 25, 18.5, 9.2 mm



0 dB = 0.067A/m

**#32 HAC\_H\_WCDMA V\_Ch4233\_Battery 2****DUT: 062305**

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 = 0.066 A/m

Probe Modulation Factor = 0.80

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.080 A/m; Power Drift = -0.079 dB

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

Peak H-field in A/m

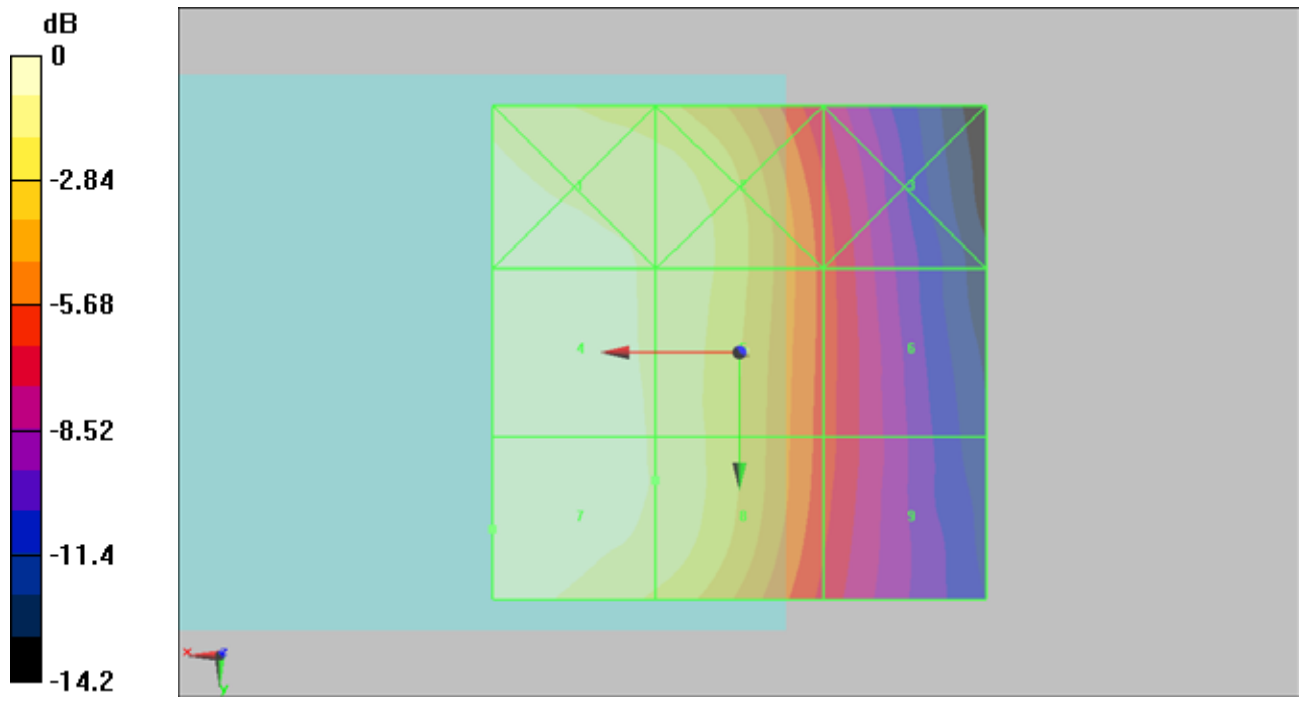
Grid 1 <b>0.062 M4</b>	Grid 2 <b>0.058 M4</b>	Grid 3 <b>0.033 M4</b>
Grid 4 <b>0.065 M4</b>	Grid 5 <b>0.059 M4</b>	Grid 6 <b>0.033 M4</b>
Grid 7 <b>0.066 M4</b>	Grid 8 <b>0.059 M4</b>	Grid 9 <b>0.033 M4</b>

**Cursor:**

Total = 0.066 A/m

H Category: M4

Location: 25, 18, 9.2 mm



0 dB = 0.066A/m



**#25 HAC\_H\_WCDMA II\_Ch9400\_Battery 1****DUT: 062305**

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 : 22.6

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 = 0.048 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.103 A/m; Power Drift = 0.042 dB

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

Peak H-field in A/m

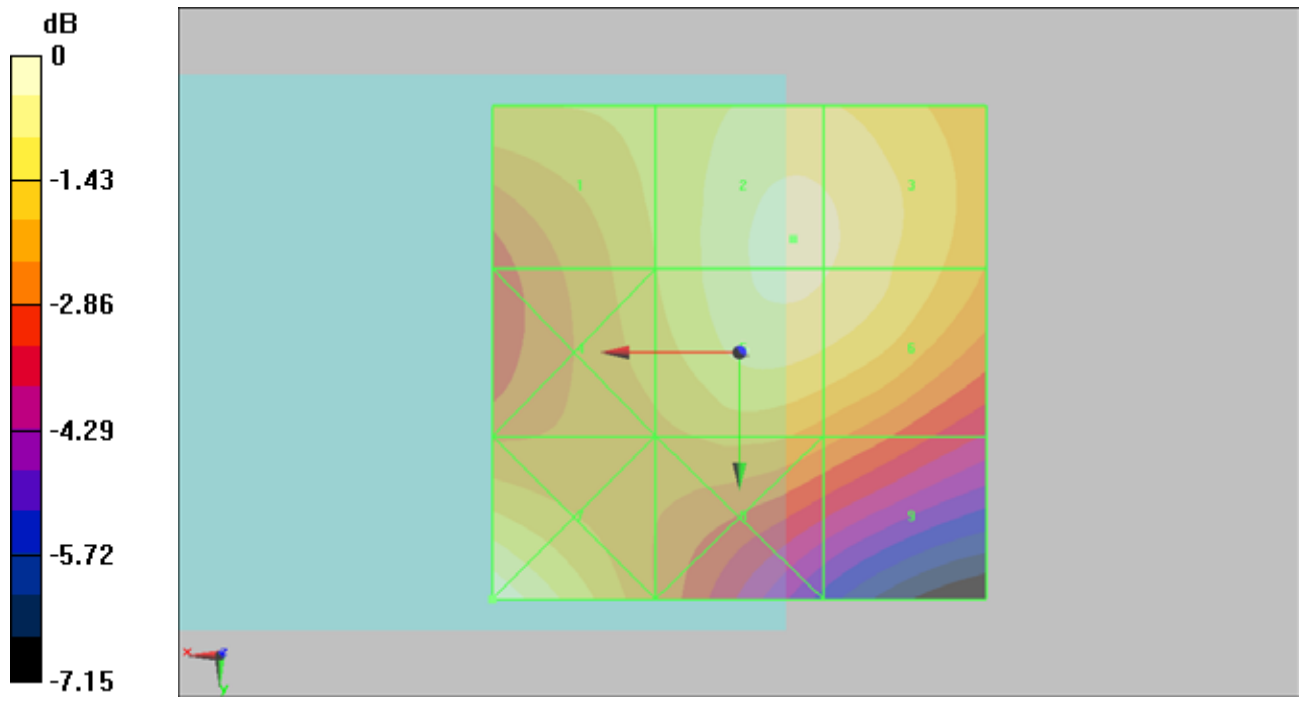
Grid 1 <b>0.043 M4</b>	Grid 2 <b>0.048 M4</b>	Grid 3 <b>0.048 M4</b>
Grid 4 <b>0.042 M4</b>	Grid 5 <b>0.048 M4</b>	Grid 6 <b>0.048 M4</b>
Grid 7 <b>0.050 M4</b>	Grid 8 <b>0.041 M4</b>	Grid 9 <b>0.039 M4</b>

**Cursor:**

Total = 0.050 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.050A/m

**#26 HAC\_H\_WCDMA II\_Ch9262\_Battery 1****DUT: 062305**

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 : 22.7

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 = 0.062 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.132 A/m; Power Drift = -0.019 dB

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

Peak H-field in A/m

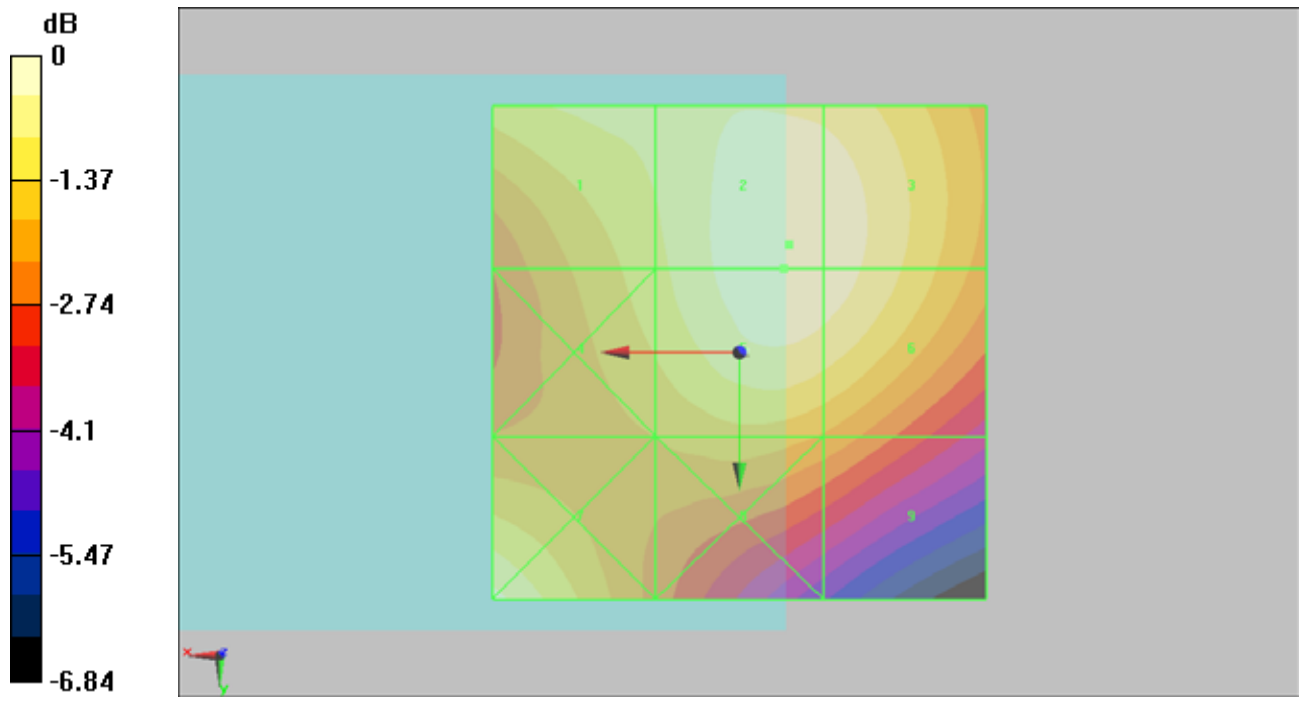
Grid 1 <b>0.057 M4</b>	Grid 2 <b>0.062 M4</b>	Grid 3 <b>0.061 M4</b>
Grid 4 <b>0.055 M4</b>	Grid 5 <b>0.062 M4</b>	Grid 6 <b>0.061 M4</b>
Grid 7 <b>0.060 M4</b>	Grid 8 <b>0.052 M4</b>	Grid 9 <b>0.050 M4</b>

**Cursor:**

Total = 0.062 A/m

H Category: M4

Location: -5, -11, 9.2 mm



0 dB = 0.062A/m

**#27 HAC\_H\_WCDMA II\_Ch9538\_Battery 1****DUT: 062305**

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 : 22.6

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 = 0.045 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.096 A/m; Power Drift = -0.00178 dB

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

Peak H-field in A/m

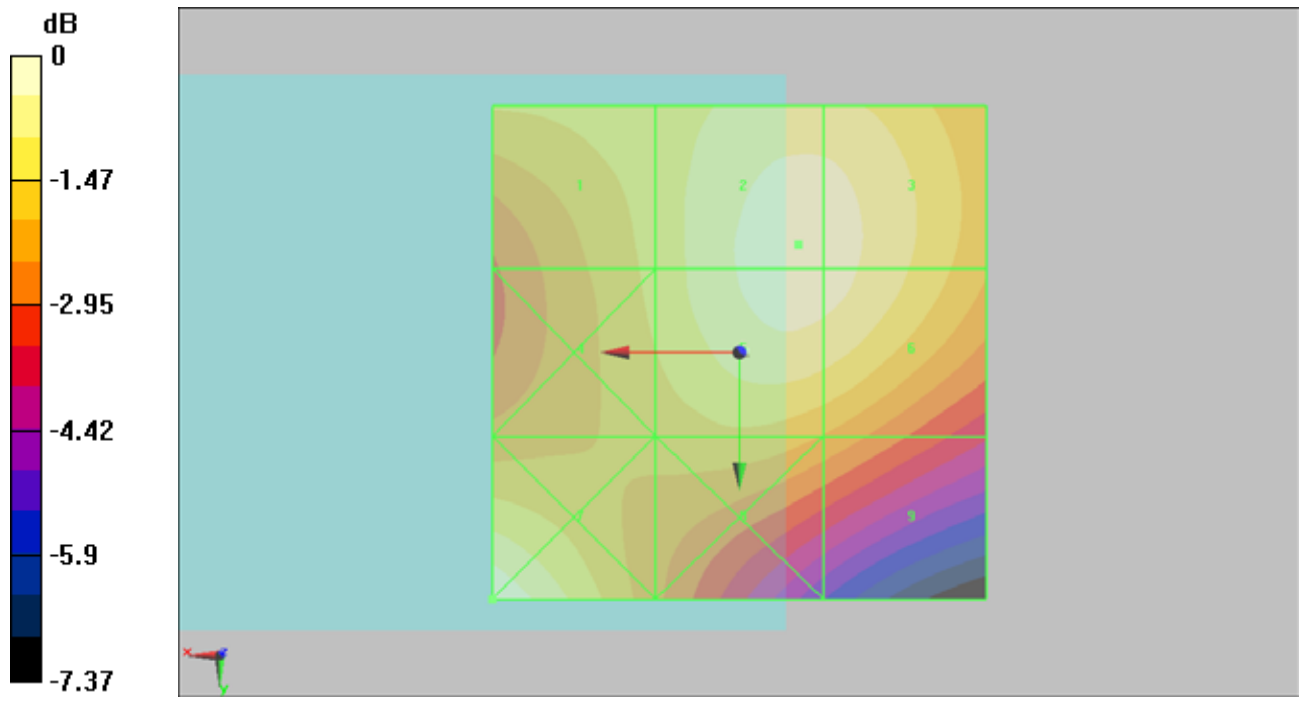
Grid 1 <b>0.040 M4</b>	Grid 2 <b>0.045 M4</b>	Grid 3 <b>0.045 M4</b>
Grid 4 <b>0.040 M4</b>	Grid 5 <b>0.045 M4</b>	Grid 6 <b>0.044 M4</b>
Grid 7 <b>0.046 M4</b>	Grid 8 <b>0.038 M4</b>	Grid 9 <b>0.037 M4</b>

**Cursor:**

Total = 0.046 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.046A/m

**#28 HAC\_H\_WCDMA II\_Ch9262\_Battery 2****DUT: 062305**

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 : 22.6

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 = 0.060 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.130 A/m; Power Drift = -0.011 dB

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

Peak H-field in A/m

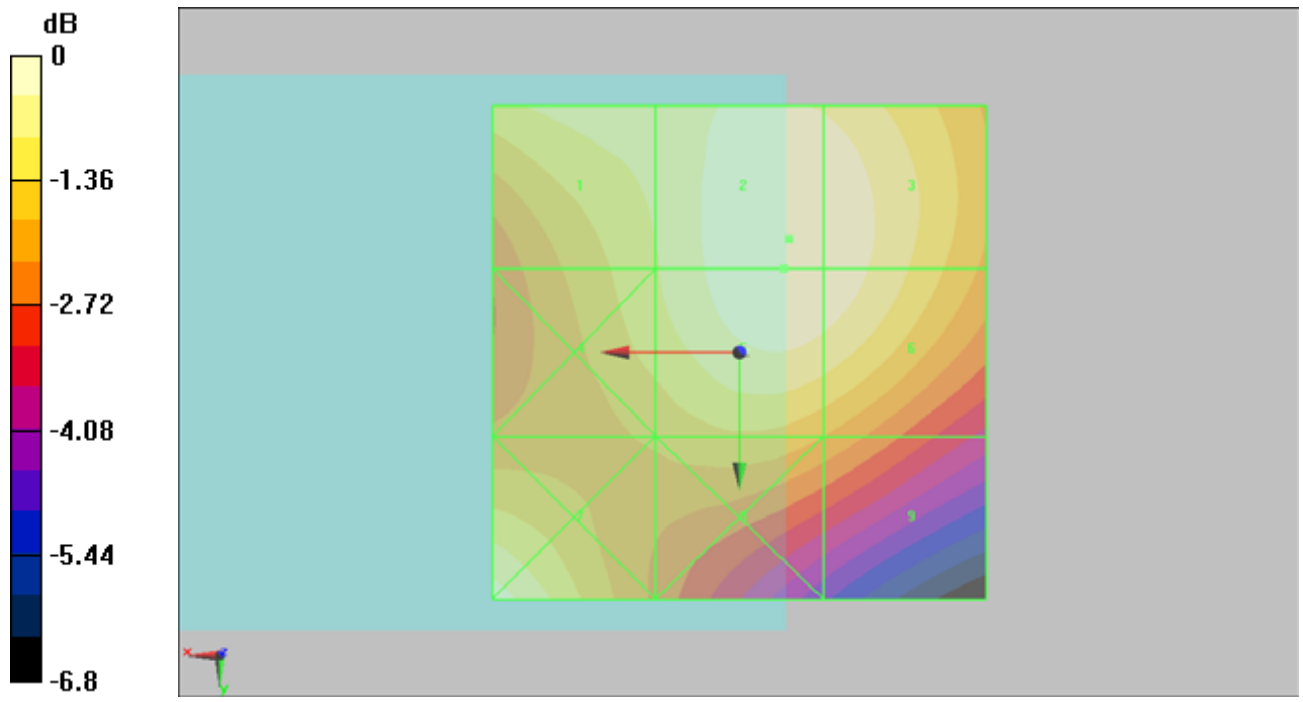
Grid 1 <b>0.056 M4</b>	Grid 2 <b>0.060 M4</b>	Grid 3 <b>0.060 M4</b>
Grid 4 <b>0.054 M4</b>	Grid 5 <b>0.060 M4</b>	Grid 6 <b>0.059 M4</b>
Grid 7 <b>0.059 M4</b>	Grid 8 <b>0.051 M4</b>	Grid 9 <b>0.049 M4</b>

**Cursor:**

Total = 0.060 A/m

H Category: M4

Location: -5, -11.5, 9.2 mm



0 dB = 0.060A/m