

**#01 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO2\_Loop\_Full Rate\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 88.4 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 114.7 V/m; Power Drift = -0.011 dB

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

Peak E-field in V/m

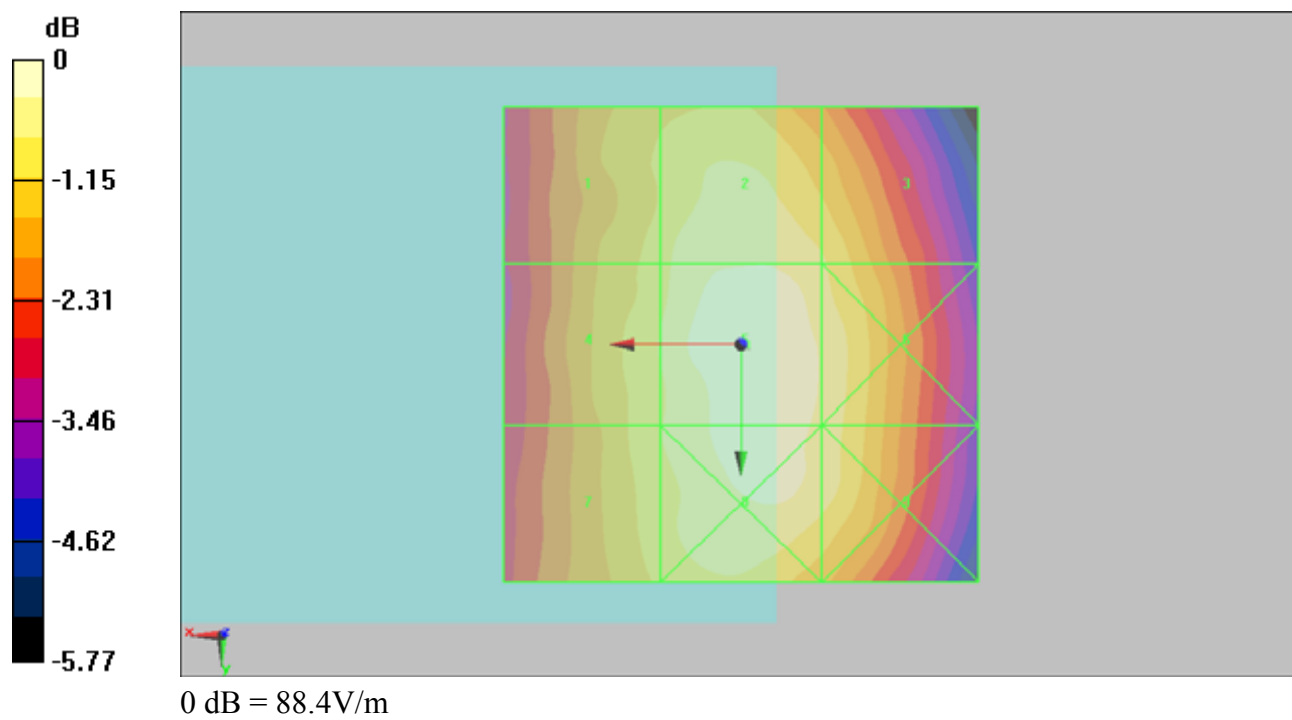
Grid 1	Grid 2	Grid 3
<b>79.6 M4</b>	<b>84.5 M4</b>	<b>81.4 M4</b>
Grid 4	Grid 5	Grid 6
<b>81.1 M4</b>	<b>88.4 M4</b>	<b>84.3 M4</b>
Grid 7	Grid 8	Grid 9
<b>80.8 M4</b>	<b>86.7 M4</b>	<b>83.6 M4</b>

**Cursor:**

Total = 88.4 V/m

E Category: M4

Location: -0.5, 0, 8.7 mm



**#02 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO2\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 92.7 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.3 V/m; Power Drift = -0.151 dB

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

Peak E-field in V/m

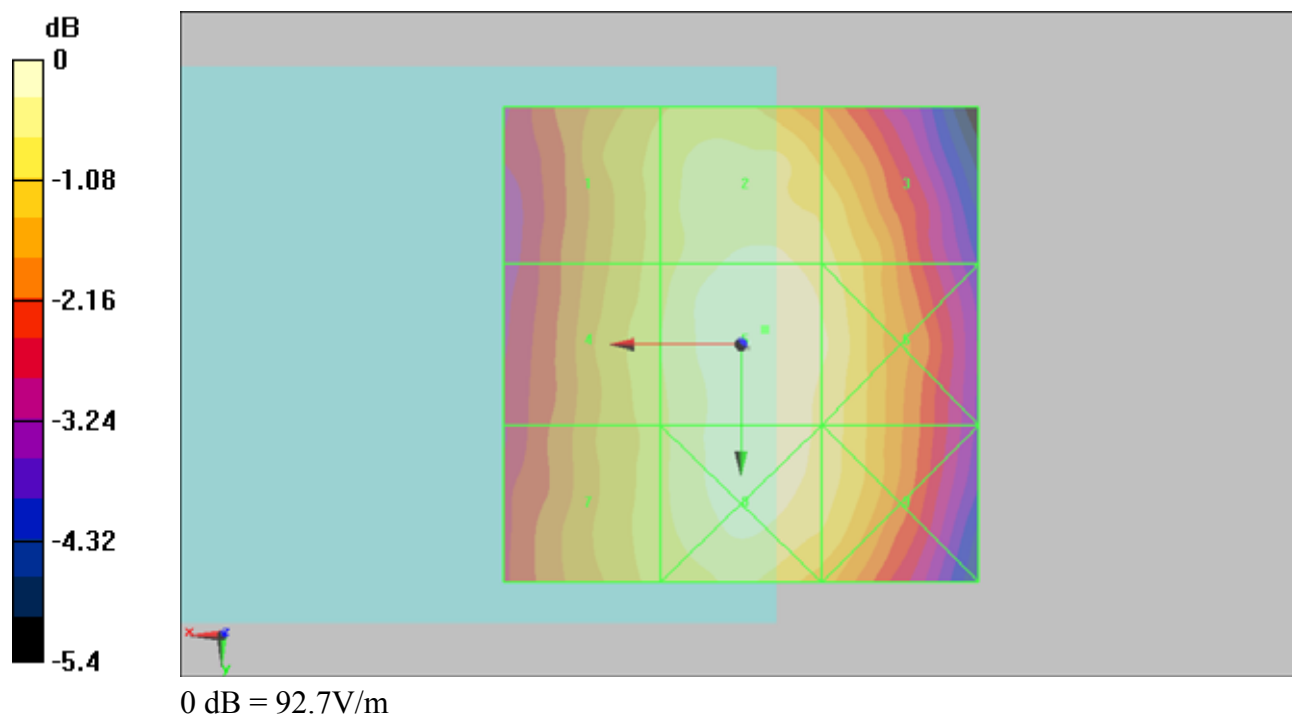
Grid 1 <b>83.7 M4</b>	Grid 2 <b>90.1 M4</b>	Grid 3 <b>87.1 M4</b>
Grid 4 <b>85.3 M4</b>	Grid 5 <b>92.7 M4</b>	Grid 6 <b>89.6 M4</b>
Grid 7 <b>84.3 M4</b>	Grid 8 <b>91.1 M4</b>	Grid 9 <b>88.1 M4</b>

**Cursor:**

Total = 92.7 V/m

E Category: M4

Location: -2.5, -1.5, 8.7 mm



**#03 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch384\_Battery 1****DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 95.5 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.8 V/m; Power Drift = 0.00382 dB

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

Peak E-field in V/m

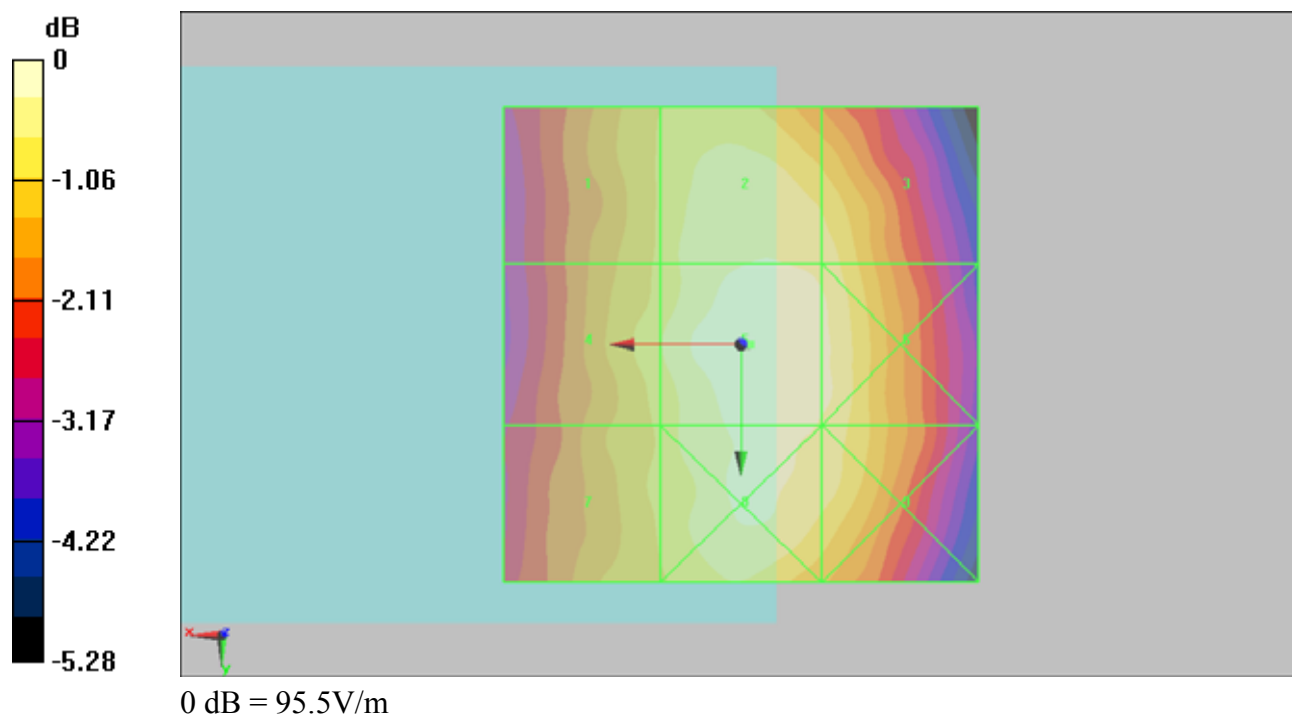
Grid 1 <b>85.5 M4</b>	Grid 2 <b>92.1 M4</b>	Grid 3 <b>90.4 M4</b>
Grid 4 <b>87.9 M4</b>	Grid 5 <b>95.5 M4</b>	Grid 6 <b>92.8 M4</b>
Grid 7 <b>85.7 M4</b>	Grid 8 <b>92.9 M4</b>	Grid 9 <b>91.3 M4</b>

**Cursor:**

Total = 95.5 V/m

E Category: M4

Location: -1, 0, 8.7 mm



**#04 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO55\_Loop\_Full Rate\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 87.5 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 114.8 V/m; Power Drift = -0.194 dB

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

Peak E-field in V/m

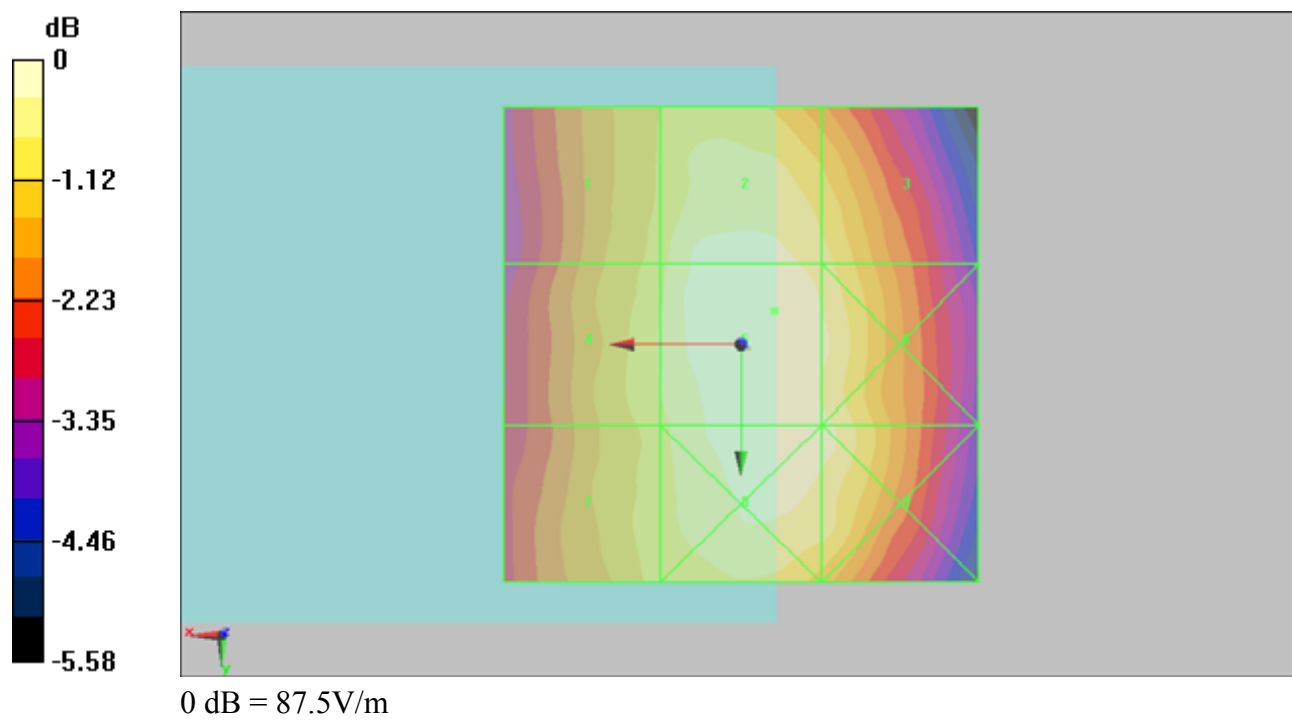
Grid 1 <b>79.2 M4</b>	Grid 2 <b>85.5 M4</b>	Grid 3 <b>81.8 M4</b>
Grid 4 <b>80.7 M4</b>	Grid 5 <b>87.5 M4</b>	Grid 6 <b>85 M4</b>
Grid 7 <b>79.3 M4</b>	Grid 8 <b>86.4 M4</b>	Grid 9 <b>85.3 M4</b>

**Cursor:**

Total = 87.5 V/m

E Category: M4

Location: -3.5, -3.5, 8.7 mm





**#05 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO55\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 92.4 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39 V/m; Power Drift = -0.018 dB

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

Peak E-field in V/m

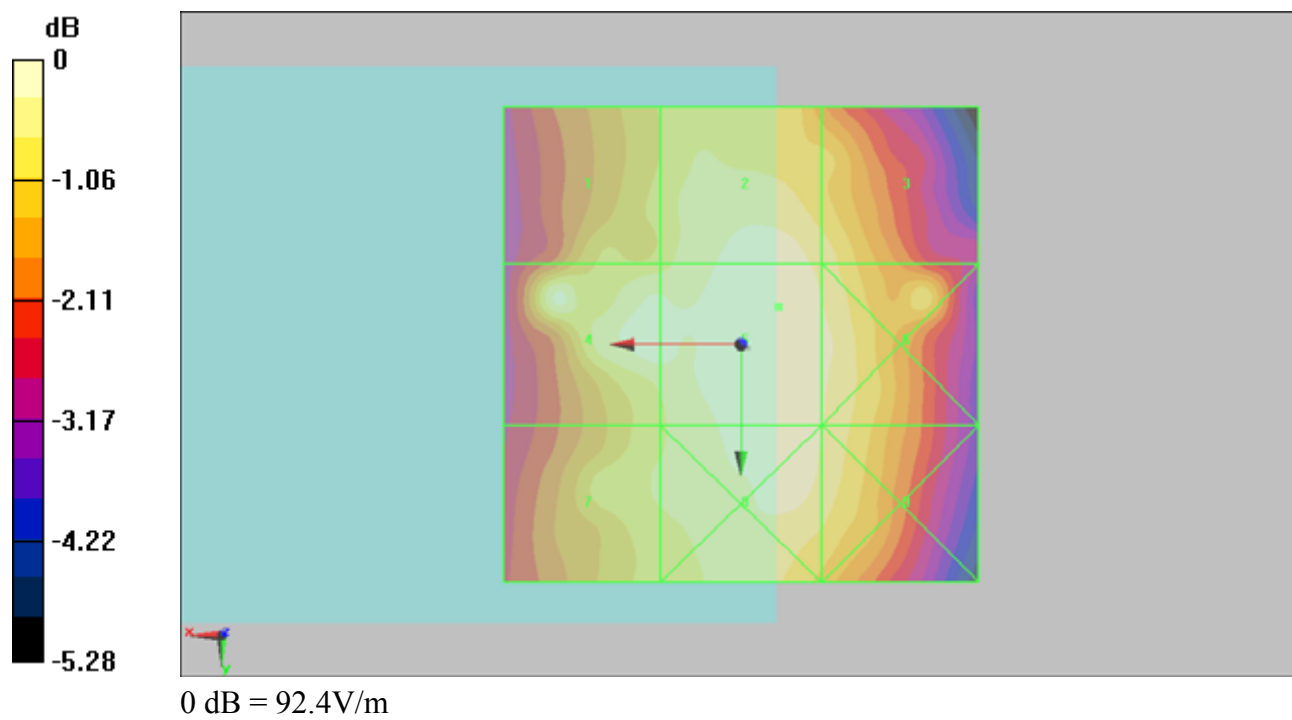
Grid 1 <b>83.8 M4</b>	Grid 2 <b>91 M4</b>	Grid 3 <b>87.4 M4</b>
Grid 4 <b>91 M4</b>	Grid 5 <b>92.4 M4</b>	Grid 6 <b>89.8 M4</b>
Grid 7 <b>85.9 M4</b>	Grid 8 <b>91.5 M4</b>	Grid 9 <b>88.9 M4</b>

**Cursor:**

Total = 92.4 V/m

E Category: M4

Location: -4, -4, 8.7 mm



## #06 HAC\_E\_CDMA2000 BC0\_FCH\_RC2\_SO17\_Voice\_Echo\_Ch384\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 92.4 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.1 V/m; Power Drift = 0.063 dB

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

Peak E-field in V/m

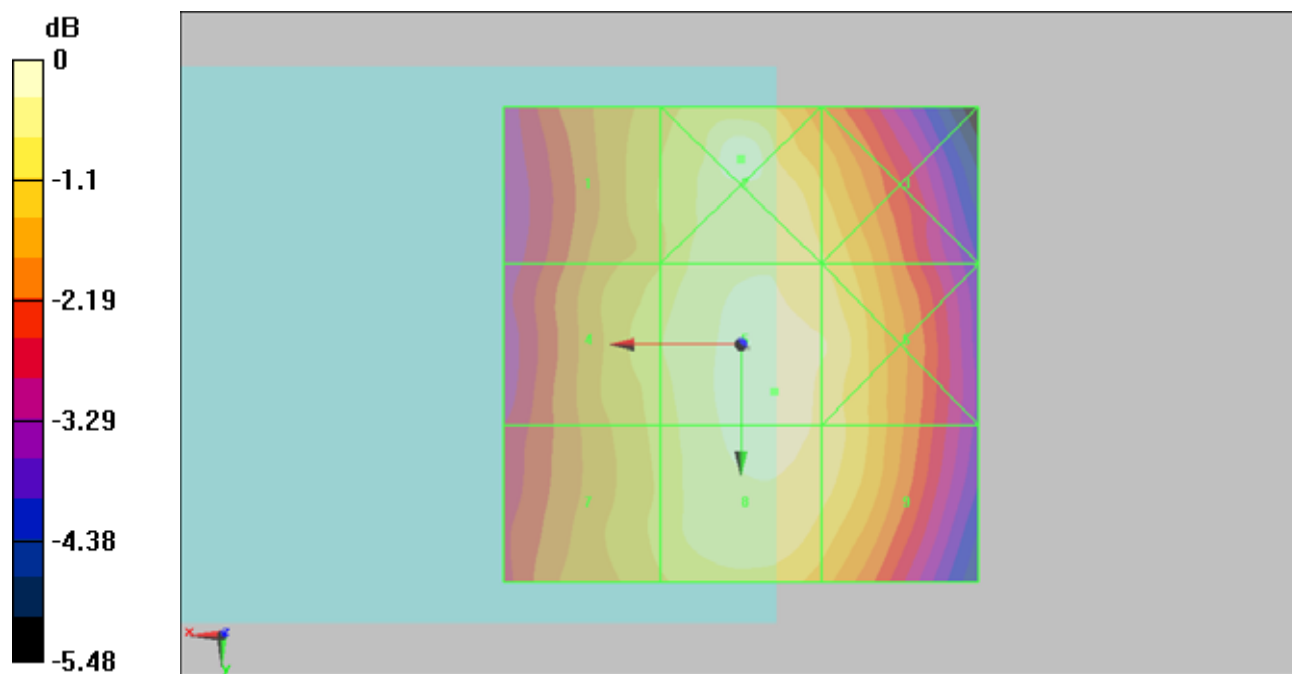
Grid 1 <b>83.2 M4</b>	Grid 2 <b>94 M4</b>	Grid 3 <b>87 M4</b>
Grid 4 <b>86.3 M4</b>	Grid 5 <b>92.4 M4</b>	Grid 6 <b>90.5 M4</b>
Grid 7 <b>84.3 M4</b>	Grid 8 <b>91.7 M4</b>	Grid 9 <b>89.4 M4</b>

**Cursor:**

Total = 94 V/m

E Category: M4

Location: 0, -19.5, 8.7 mm



0 dB = 94V/m

**#07 HAC\_E\_CDMA2000 BC0\_FCH\_RC2\_SO32768\_Voice\_Echo\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 92.4 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.8 V/m; Power Drift = 0.139 dB

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

Peak E-field in V/m

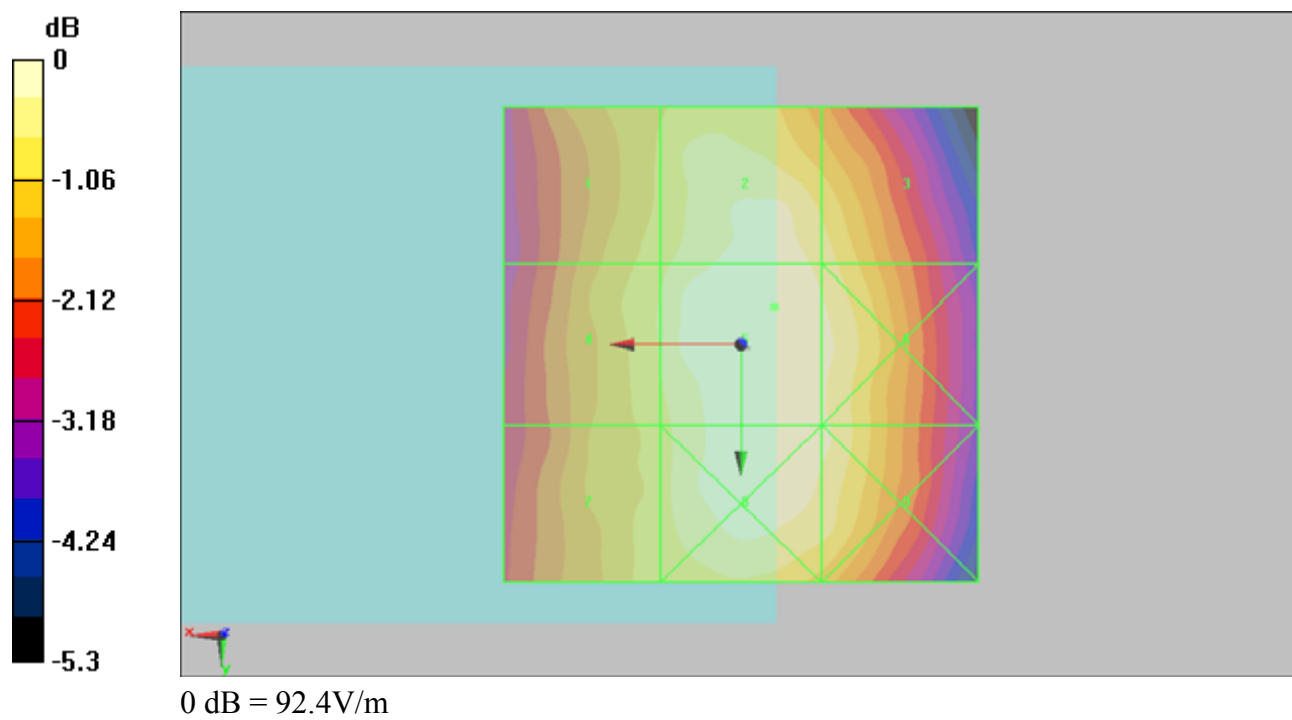
Grid 1 <b>84.2 M4</b>	Grid 2 <b>90.8 M4</b>	Grid 3 <b>87.4 M4</b>
Grid 4 <b>85.7 M4</b>	Grid 5 <b>92.4 M4</b>	Grid 6 <b>90 M4</b>
Grid 7 <b>84.1 M4</b>	Grid 8 <b>91.8 M4</b>	Grid 9 <b>89.6 M4</b>

**Cursor:**

Total = 92.4 V/m

E Category: M4

Location: -3.5, -4, 8.7 mm



## #08 HAC\_E\_CDMA2000 BC0\_FCH\_RC3\_SO55\_Loop\_Full Rate\_Ch384\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

**CH384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 85.2 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 112.3 V/m; Power Drift = -0.022 dB

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

Peak E-field in V/m

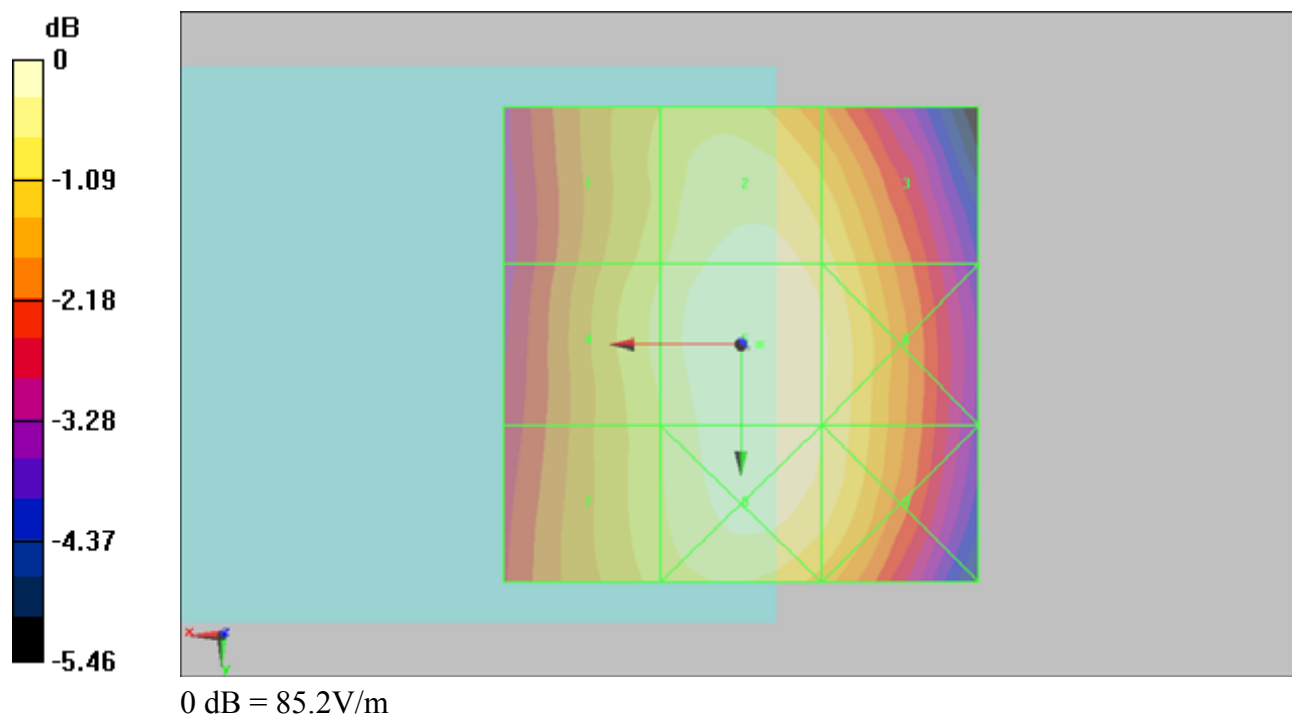
Grid 1 <b>77.8 M4</b>	Grid 2 <b>83.2 M4</b>	Grid 3 <b>80 M4</b>
Grid 4 <b>79.6 M4</b>	Grid 5 <b>85.2 M4</b>	Grid 6 <b>82.4 M4</b>
Grid 7 <b>78.2 M4</b>	Grid 8 <b>84.4 M4</b>	Grid 9 <b>81.9 M4</b>

**Cursor:**

Total = 85.2 V/m

E Category: M4

Location: -2, 0, 8.7 mm





**#09 HAC\_E\_CDMA2000 BC0\_FCH\_RC3\_SO55\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 86.5 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 114.5 V/m; Power Drift = -0.087 dB

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

Peak E-field in V/m

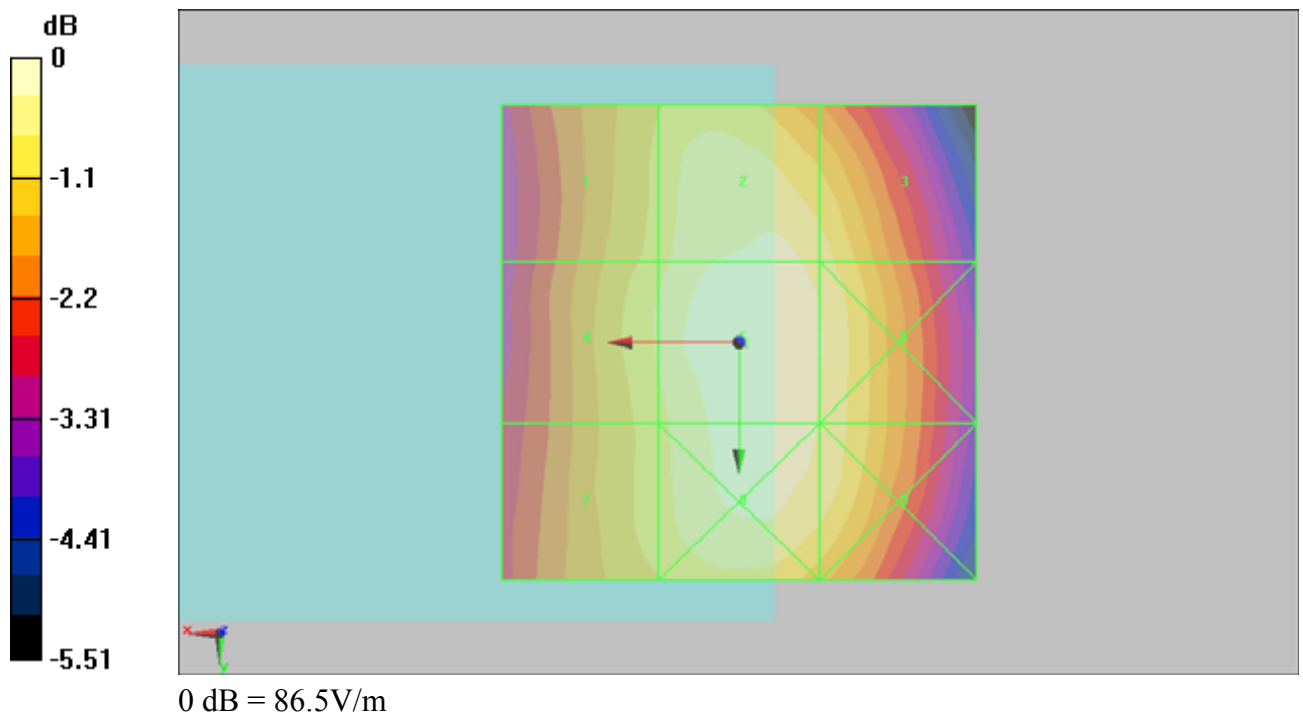
Grid 1 <b>78.3 M4</b>	Grid 2 <b>84.1 M4</b>	Grid 3 <b>81.4 M4</b>
Grid 4 <b>80 M4</b>	Grid 5 <b>86.5 M4</b>	Grid 6 <b>83.3 M4</b>
Grid 7 <b>78.5 M4</b>	Grid 8 <b>85 M4</b>	Grid 9 <b>82.7 M4</b>

**Cursor:**

Total = 86.5 V/m

E Category: M4

Location: -0.5, 0, 8.7 mm



**#10 HAC\_E\_CDMA2000 BC0\_FCH\_RC3\_SO3\_Voice\_Echo\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 87.1 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 116.4 V/m; Power Drift = -0.116 dB

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

Peak E-field in V/m

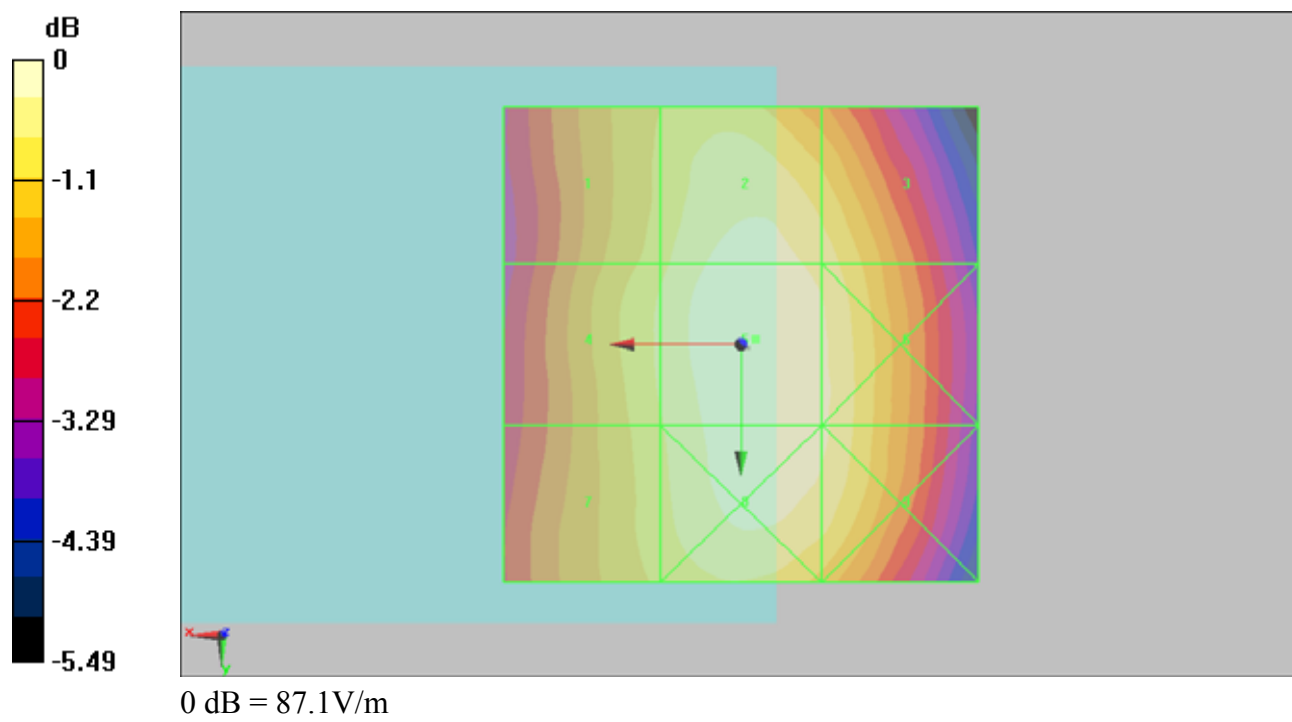
Grid 1 <b>79.1 M4</b>	Grid 2 <b>85.2 M4</b>	Grid 3 <b>82.1 M4</b>
Grid 4 <b>80.8 M4</b>	Grid 5 <b>87.1 M4</b>	Grid 6 <b>84.3 M4</b>
Grid 7 <b>79.7 M4</b>	Grid 8 <b>86.4 M4</b>	Grid 9 <b>84.2 M4</b>

**Cursor:**

Total = 87.1 V/m

E Category: M4

Location: -1.5, -0.5, 8.7 mm



**#11 HAC\_E\_CDMA2000 BC0\_FCH\_RC3\_SO2\_Loop\_Full Rate\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 85.7 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 112.6 V/m; Power Drift = -0.0033 dB

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

Peak E-field in V/m

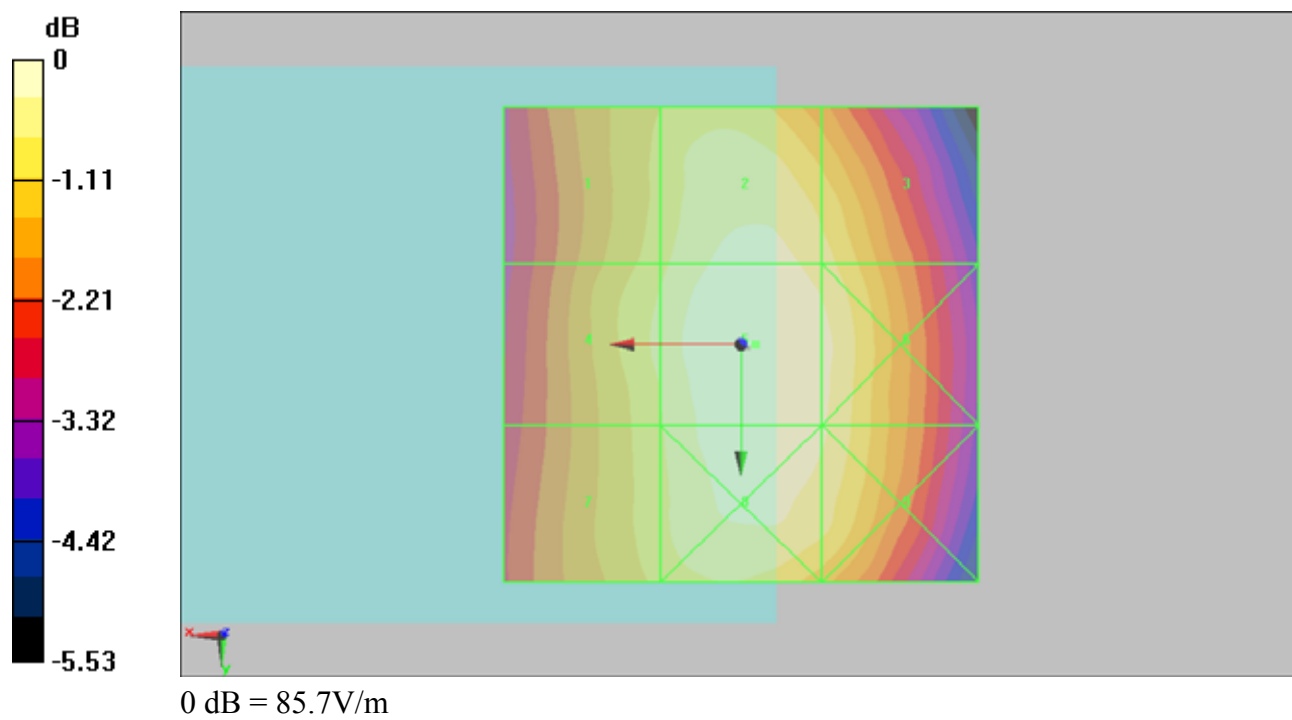
Grid 1 <b>77.8 M4</b>	Grid 2 <b>83.6 M4</b>	Grid 3 <b>80.4 M4</b>
Grid 4 <b>79.8 M4</b>	Grid 5 <b>85.7 M4</b>	Grid 6 <b>83.3 M4</b>
Grid 7 <b>78.4 M4</b>	Grid 8 <b>85 M4</b>	Grid 9 <b>82.7 M4</b>

**Cursor:**

Total = 85.7 V/m

E Category: M4

Location: -1.5, 0, 8.7 mm



## #12 HAC\_E\_CDMA2000 BC0\_FCH\_RC3\_SO2\_Loop\_Eighth Rate\_Ch384\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

**cH384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 85.6 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 113.2 V/m; Power Drift = 0.000894 dB

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

Peak E-field in V/m

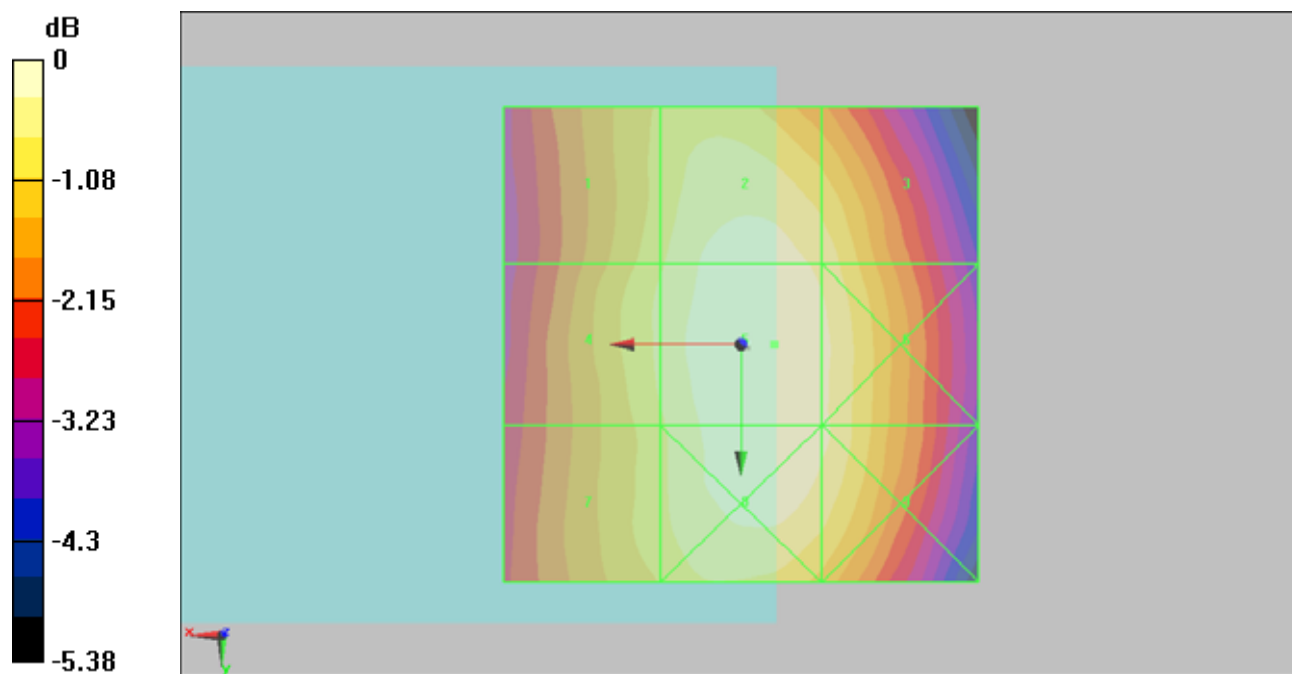
Grid 1 <b>78.3 M4</b>	Grid 2 <b>84.1 M4</b>	Grid 3 <b>81.1 M4</b>
Grid 4 <b>79.6 M4</b>	Grid 5 <b>85.6 M4</b>	Grid 6 <b>83.1 M4</b>
Grid 7 <b>78.2 M4</b>	Grid 8 <b>85 M4</b>	Grid 9 <b>83 M4</b>

**Cursor:**

Total = 85.6 V/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 85.6V/m



## #13 HAC\_E\_CDMA2000 BC0\_FCH\_RC4\_SO3\_Voice\_Echo\_Ch384\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

**cH384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 85.6 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 114.3 V/m; Power Drift = -0.178 dB

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

Peak E-field in V/m

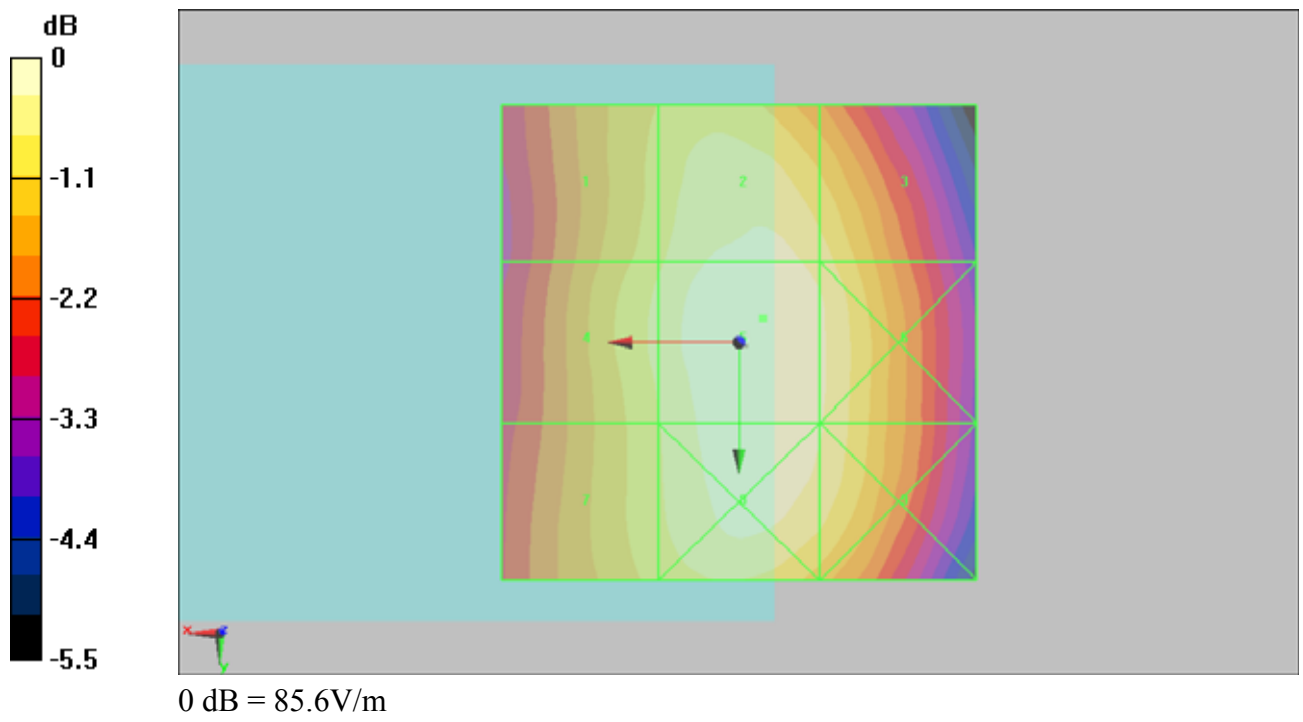
Grid 1 <b>78.1 M4</b>	Grid 2 <b>83.6 M4</b>	Grid 3 <b>80.5 M4</b>
Grid 4 <b>79.8 M4</b>	Grid 5 <b>85.6 M4</b>	Grid 6 <b>82.8 M4</b>
Grid 7 <b>78.5 M4</b>	Grid 8 <b>84.8 M4</b>	Grid 9 <b>82.4 M4</b>

**Cursor:**

Total = 85.6 V/m

E Category: M4

Location: -2.5, -2.5, 8.7 mm



**#14 HAC\_E\_CDMA2000 BC0\_FCH\_RC5\_SO17\_Voice\_Echo\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 85.7 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 112.7 V/m; Power Drift = -0.00648 dB

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

Peak E-field in V/m

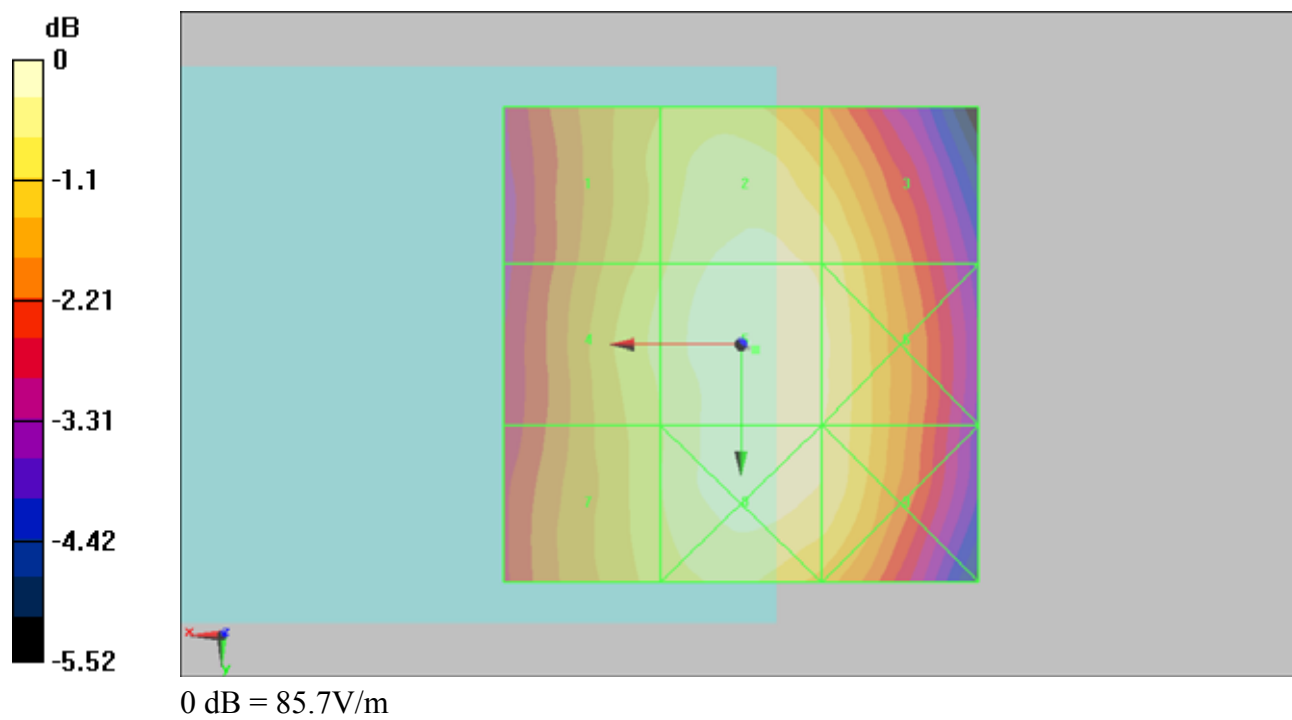
Grid 1 <b>77.9 M4</b>	Grid 2 <b>83.4 M4</b>	Grid 3 <b>81.3 M4</b>
Grid 4 <b>79.9 M4</b>	Grid 5 <b>85.7 M4</b>	Grid 6 <b>83 M4</b>
Grid 7 <b>78.7 M4</b>	Grid 8 <b>85 M4</b>	Grid 9 <b>82.4 M4</b>

**Cursor:**

Total = 85.7 V/m

E Category: M4

Location: -1.5, 0.5, 8.7 mm



**#15 HAC\_E\_CDMA2000 BC0\_FCH\_RC5\_SO32768\_Voice Echo\_Ch384\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.7

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 85.4 V/m

Probe Modulation Factor = 0.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 112.7 V/m; Power Drift = 0.025 dB

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

Peak E-field in V/m

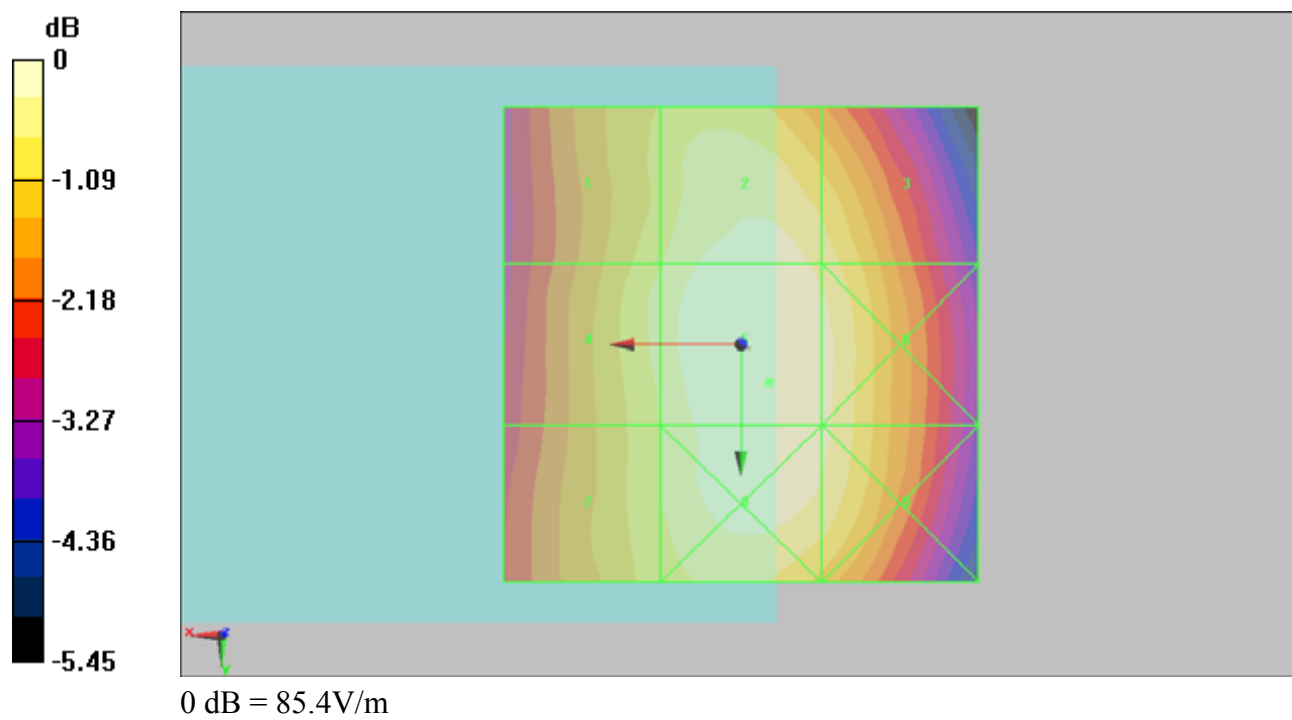
Grid 1 <b>78.3 M4</b>	Grid 2 <b>83.7 M4</b>	Grid 3 <b>80.7 M4</b>
Grid 4 <b>80 M4</b>	Grid 5 <b>85.4 M4</b>	Grid 6 <b>83.3 M4</b>
Grid 7 <b>78.7 M4</b>	Grid 8 <b>85.1 M4</b>	Grid 9 <b>82.8 M4</b>

**Cursor:**

Total = 85.4 V/m

E Category: M4

Location: -3, 4, 8.7 mm



## #16 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1013\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 91 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.3 V/m; Power Drift = -0.081 dB

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

Peak E-field in V/m

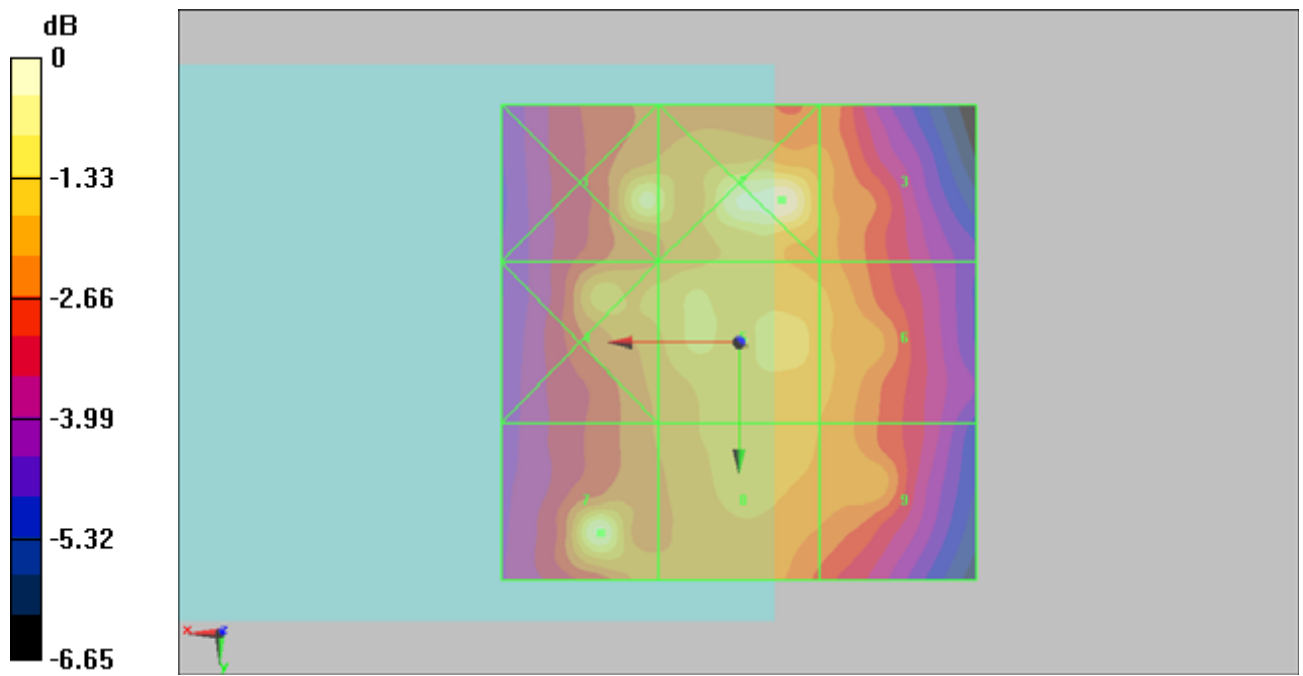
Grid 1 <b>87.3 M4</b>	Grid 2 <b>94.7 M4</b>	Grid 3 <b>77.6 M4</b>
Grid 4 <b>79.8 M4</b>	Grid 5 <b>85.2 M4</b>	Grid 6 <b>79.2 M4</b>
Grid 7 <b>91 M4</b>	Grid 8 <b>79.6 M4</b>	Grid 9 <b>77.3 M4</b>

**Cursor:**

Total = 94.7 V/m

E Category: M4

Location: -4.5, -15, 8.7 mm



0 dB = 94.7V/m



## #17 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch777\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

**CH777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 84.6 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.2 V/m; Power Drift = 0.077 dB

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

Peak E-field in V/m

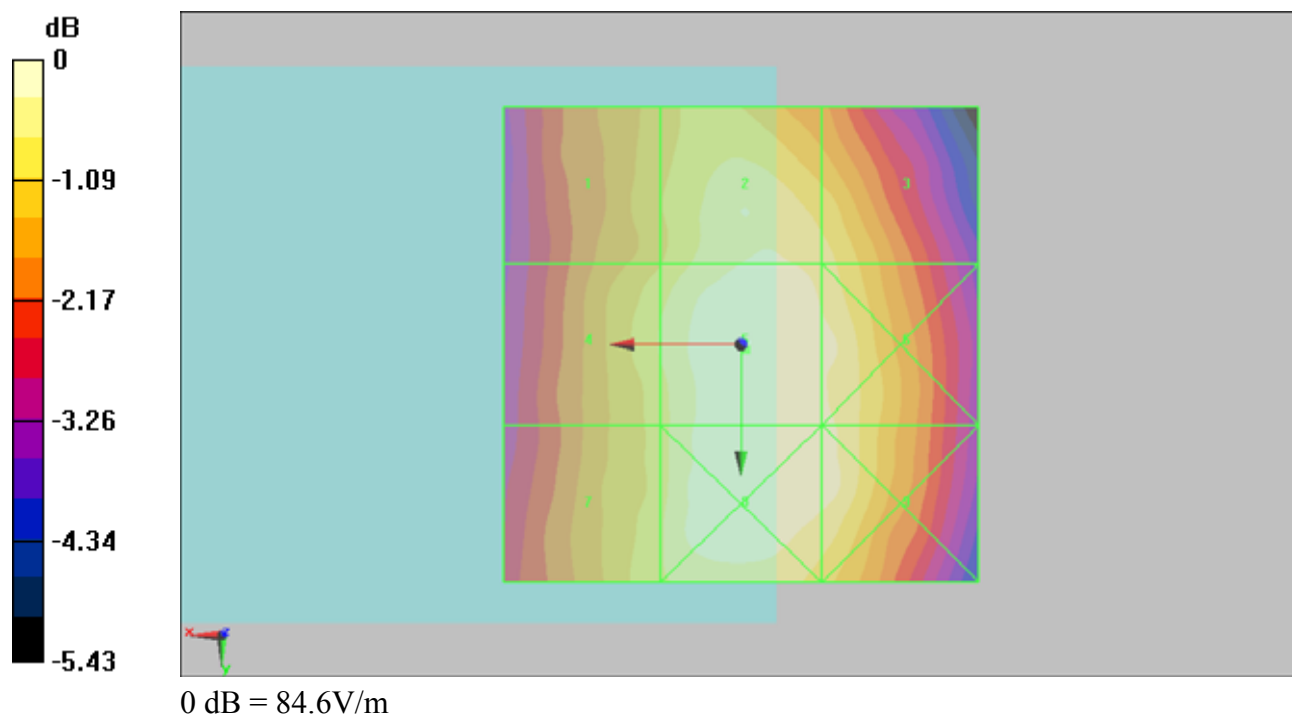
Grid 1 <b>74.6 M4</b>	Grid 2 <b>81.9 M4</b>	Grid 3 <b>79.5 M4</b>
Grid 4 <b>78.1 M4</b>	Grid 5 <b>84.6 M4</b>	Grid 6 <b>82.4 M4</b>
Grid 7 <b>77.5 M4</b>	Grid 8 <b>84.3 M4</b>	Grid 9 <b>83.1 M4</b>

**Cursor:**

Total = 84.6 V/m

E Category: M4

Location: -0.5, 0.5, 8.7 mm



**#18 HAC\_E\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch25\_Battery1****DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 42.3 V/m

Probe Modulation Factor = 3.11

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.1 V/m; Power Drift = 0.068 dB

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

Peak E-field in V/m

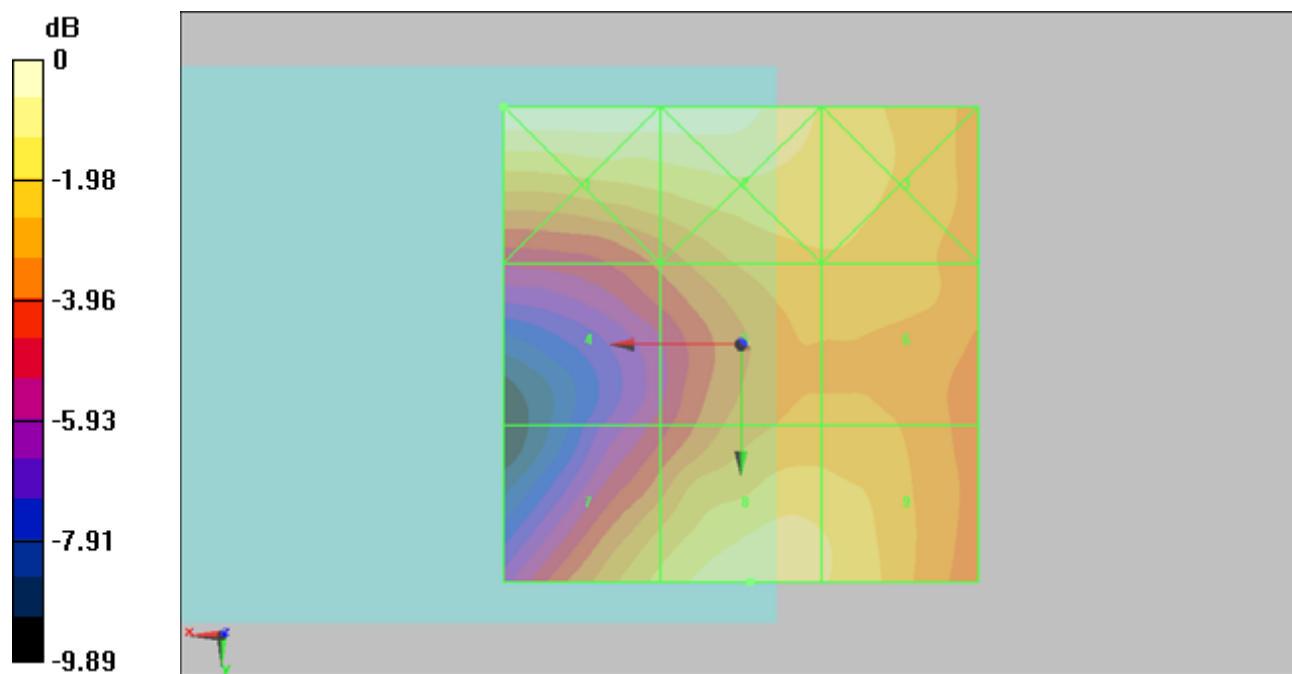
Grid 1 <b>47.1 M4</b>	Grid 2 <b>46.6 M4</b>	Grid 3 <b>40.2 M4</b>
Grid 4 <b>30.5 M4</b>	Grid 5 <b>37.1 M4</b>	Grid 6 <b>37.1 M4</b>
Grid 7 <b>38.5 M4</b>	Grid 8 <b>42.3 M4</b>	Grid 9 <b>41 M4</b>

**Cursor:**

Total = 47.1 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 47.1V/m

## #19 HAC\_E\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch600\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 45.5 V/m

Probe Modulation Factor = 3.11

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.7 V/m; Power Drift = 0.148 dB

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

Peak E-field in V/m

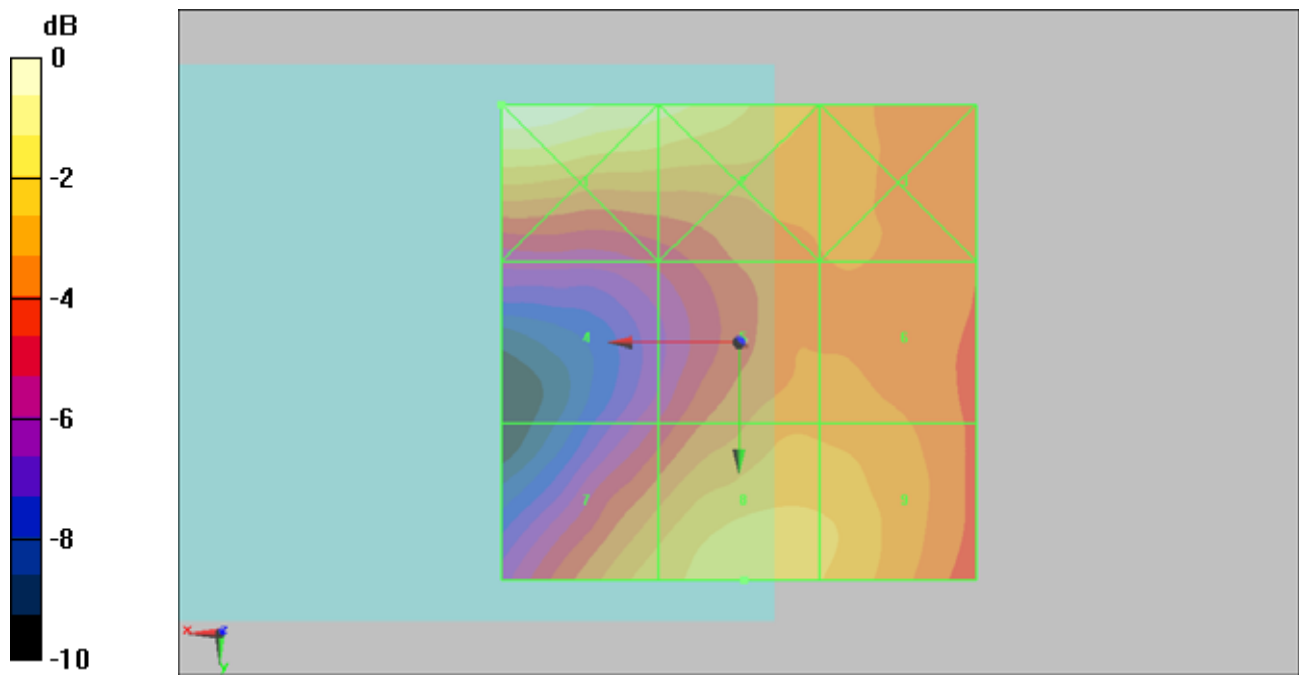
Grid 1 <b>53.7 M4</b>	Grid 2 <b>47.7 M4</b>	Grid 3 <b>39.4 M4</b>
Grid 4 <b>29.8 M4</b>	Grid 5 <b>39 M4</b>	Grid 6 <b>38.8 M4</b>
Grid 7 <b>41.7 M4</b>	Grid 8 <b>45.5 M4</b>	Grid 9 <b>43.5 M4</b>

**Cursor:**

Total = 53.7 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 53.7V/m

## #20 HAC\_E\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1175\_Battery1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 43.5 V/m

Probe Modulation Factor = 3.11

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.9 V/m; Power Drift = -0.107 dB

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

Peak E-field in V/m

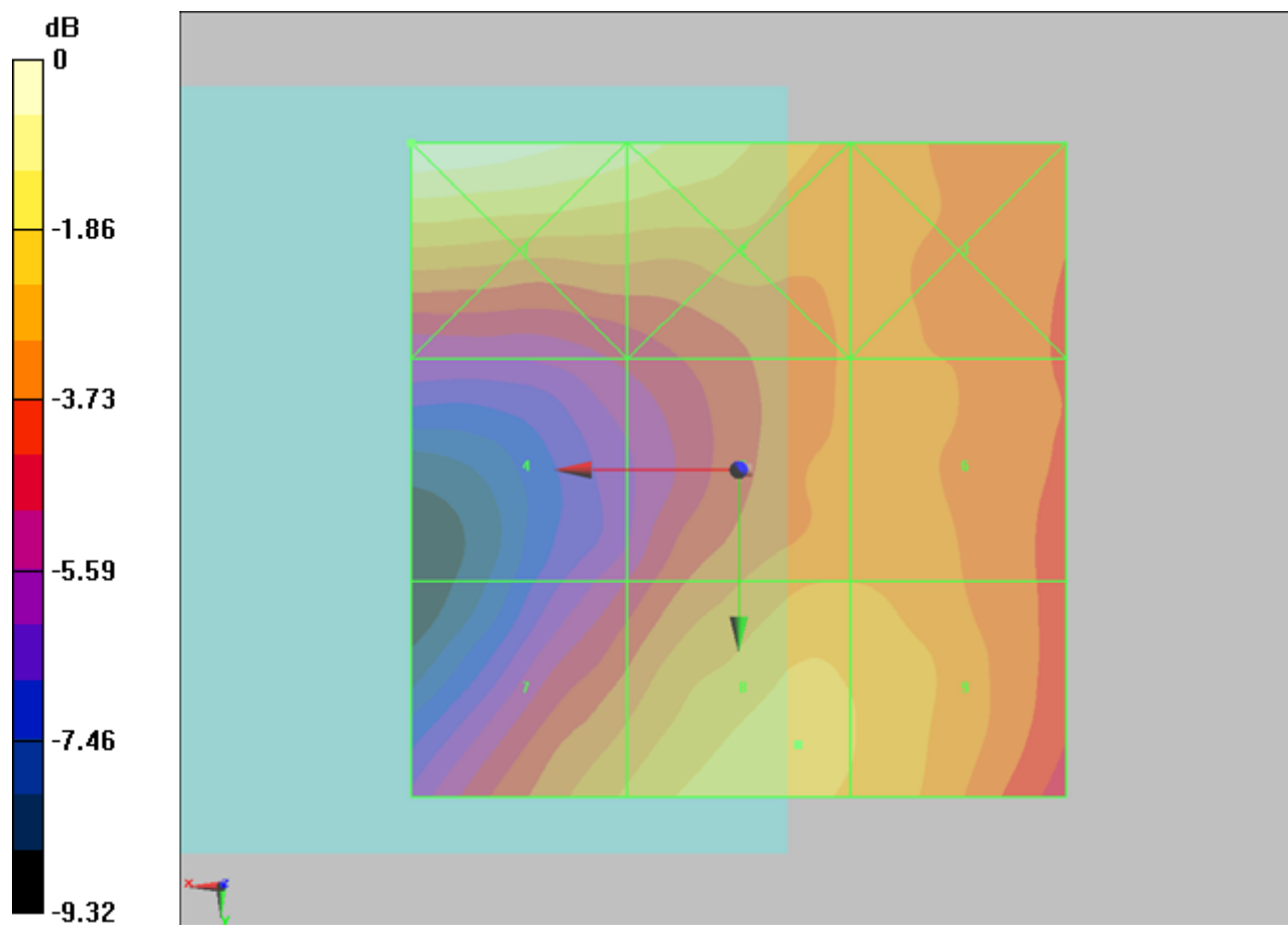
Grid 1 <b>52.1 M4</b>	Grid 2 <b>47 M4</b>	Grid 3 <b>38.4 M4</b>
Grid 4 <b>30 M4</b>	Grid 5 <b>39.2 M4</b>	Grid 6 <b>39.2 M4</b>
Grid 7 <b>39.7 M4</b>	Grid 8 <b>43.5 M4</b>	Grid 9 <b>42.3 M4</b>

**Cursor:**

Total = 52.1 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 52.1V/m



## #21 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch384\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 94.5 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.7 V/m; Power Drift = 0.0094 dB

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

Peak E-field in V/m

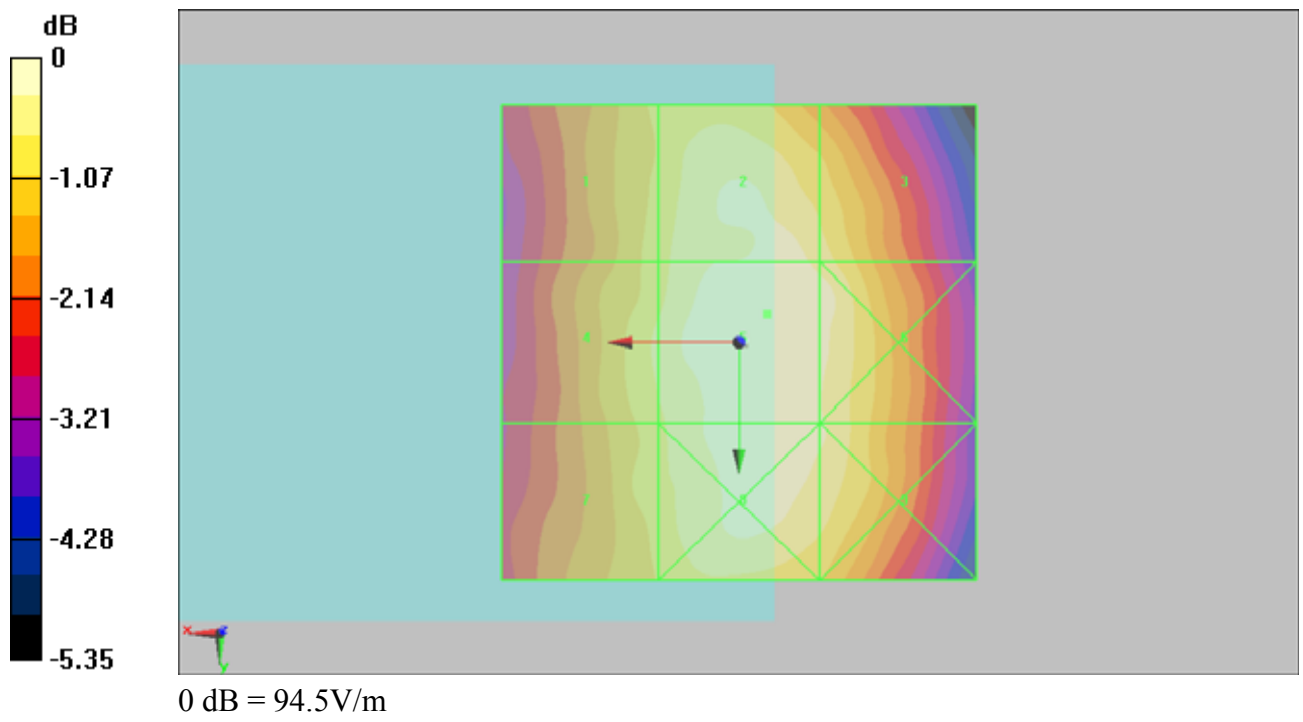
Grid 1	Grid 2	Grid 3
<b>85.6 M4</b>	<b>92.7 M4</b>	<b>89.4 M4</b>
Grid 4	Grid 5	Grid 6
<b>87.9 M4</b>	<b>94.5 M4</b>	<b>92.6 M4</b>
Grid 7	Grid 8	Grid 9
<b>86.5 M4</b>	<b>92.8 M4</b>	<b>91.2 M4</b>

**Cursor:**

Total = 94.5 V/m

E Category: M4

Location: -3, -3, 8.7 mm



## #22 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1013\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 82.2 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.5 V/m; Power Drift = 0.145 dB

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

Peak E-field in V/m

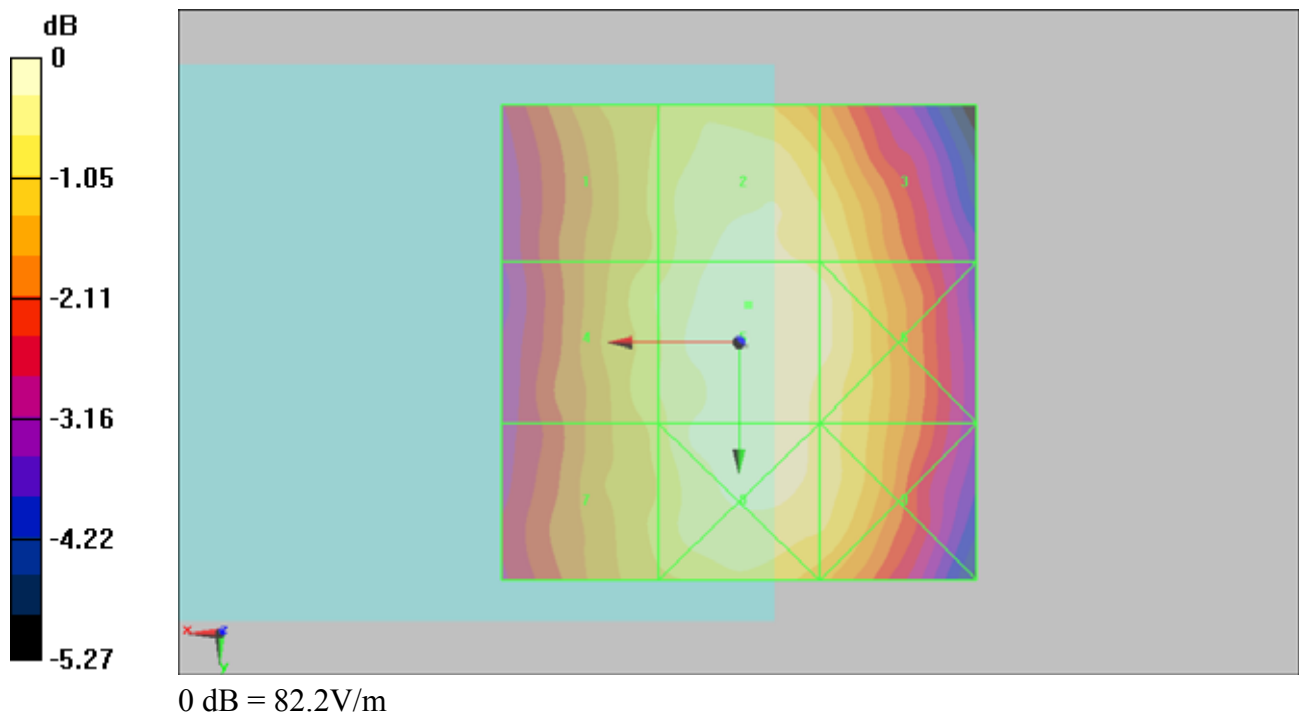
Grid 1	Grid 2	Grid 3
<b>74.1 M4</b>	<b>80.4 M4</b>	<b>78.2 M4</b>
Grid 4	Grid 5	Grid 6
<b>76.1 M4</b>	<b>82.2 M4</b>	<b>80.2 M4</b>
Grid 7	Grid 8	Grid 9
<b>74.5 M4</b>	<b>80.7 M4</b>	<b>78.2 M4</b>

**Cursor:**

Total = 82.2 V/m

E Category: M4

Location: -1, -4, 8.7 mm



## #23 HAC\_E\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch777\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 86.5 V/m

Probe Modulation Factor = 2.98

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.9 V/m; Power Drift = 0.123 dB

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

Peak E-field in V/m

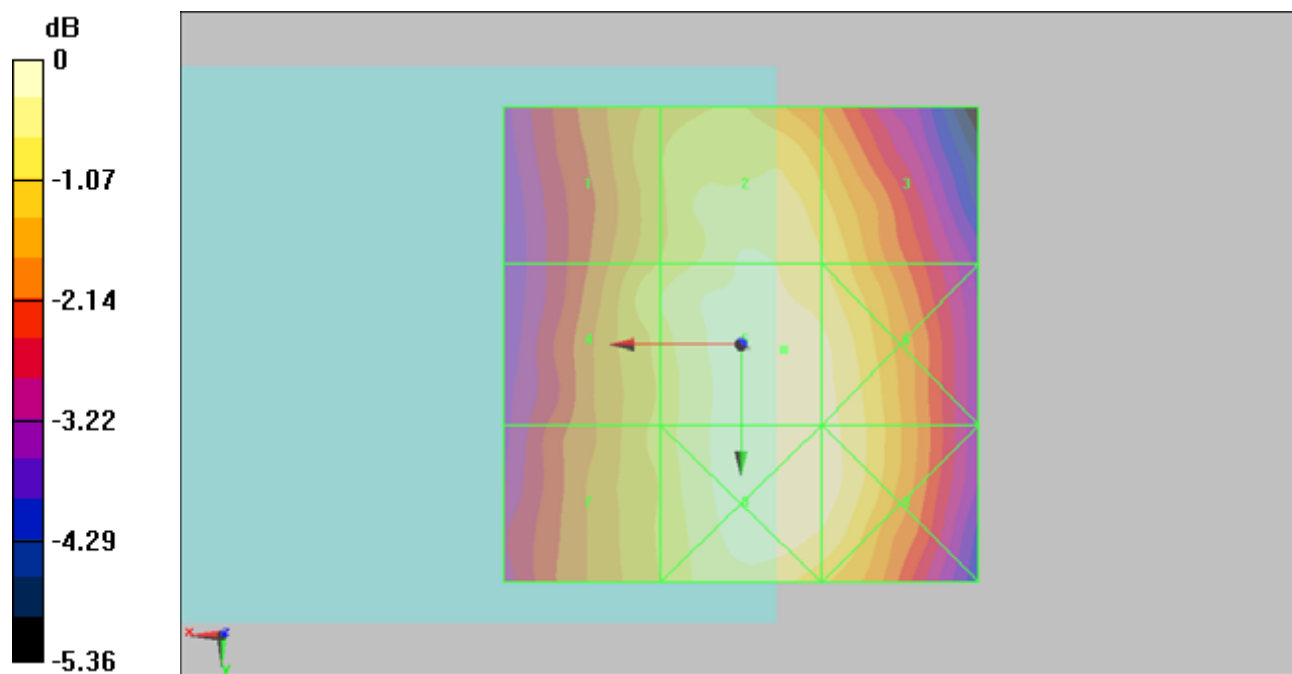
Grid 1 <b>76.9 M4</b>	Grid 2 <b>83.4 M4</b>	Grid 3 <b>80.1 M4</b>
Grid 4 <b>79.8 M4</b>	Grid 5 <b>86.5 M4</b>	Grid 6 <b>84.4 M4</b>
Grid 7 <b>77.9 M4</b>	Grid 8 <b>86.2 M4</b>	Grid 9 <b>85.1 M4</b>

**Cursor:**

Total = 86.5 V/m

E Category: M4

Location: -4.5, 0.5, 8.7 mm



## #24 HAC\_E\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch25\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 44 V/m

Probe Modulation Factor = 3.11

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.8 V/m; Power Drift = 0.083 dB

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

Peak E-field in V/m

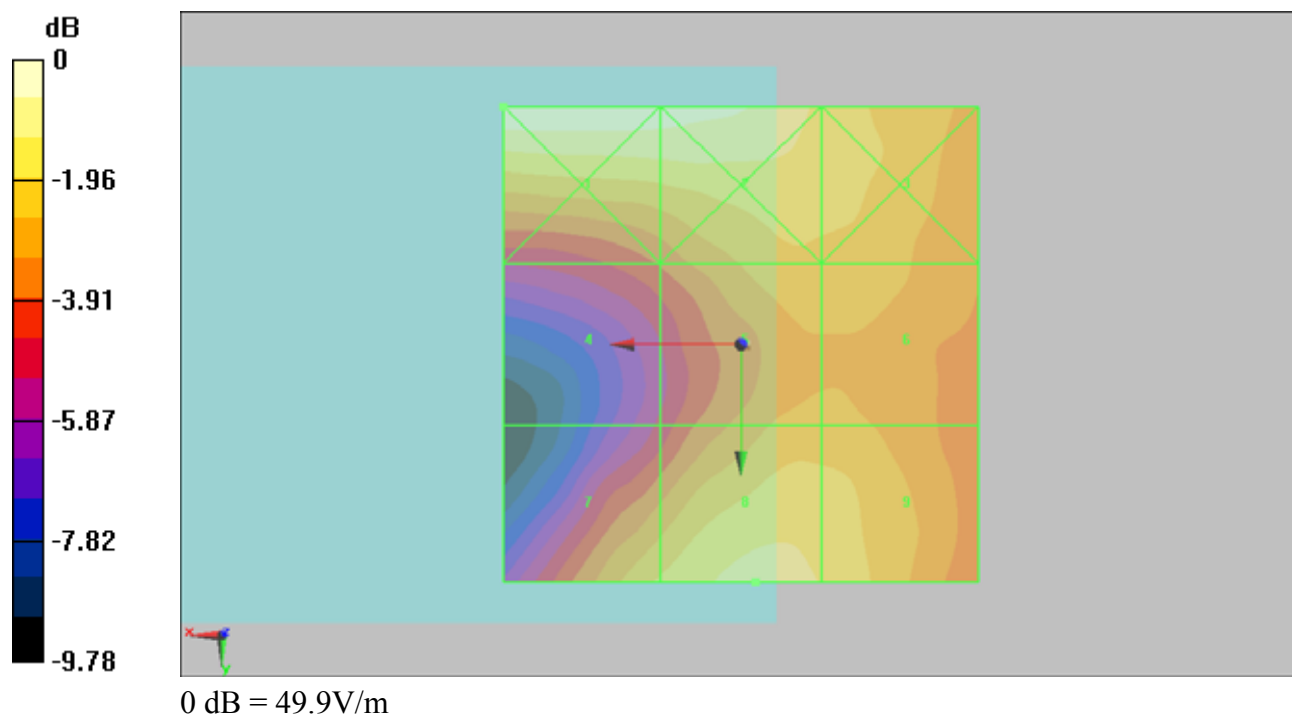
Grid 1 <b>49.9 M4</b>	Grid 2 <b>48.4 M4</b>	Grid 3 <b>42 M4</b>
Grid 4 <b>32.1 M4</b>	Grid 5 <b>39.2 M4</b>	Grid 6 <b>39 M4</b>
Grid 7 <b>40.3 M4</b>	Grid 8 <b>44 M4</b>	Grid 9 <b>42.8 M4</b>

**Cursor:**

Total = 49.9 V/m

E Category: M4

Location: 25, -25, 8.7 mm





**#25 HAC\_E\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch600\_Battery 2****DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 48.3 V/m

Probe Modulation Factor = 3.11

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.5 V/m; Power Drift = -0.073 dB

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

Peak E-field in V/m

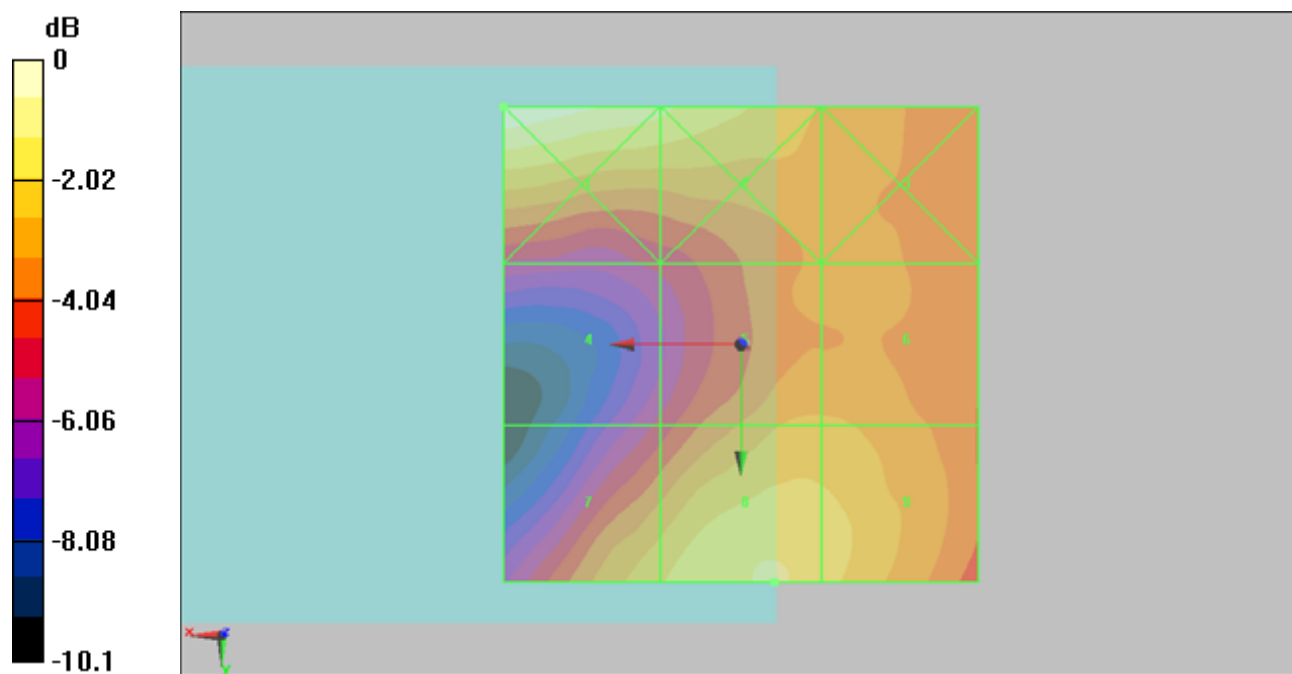
Grid 1 <b>56 M4</b>	Grid 2 <b>49.3 M4</b>	Grid 3 <b>40.9 M4</b>
Grid 4 <b>31.1 M4</b>	Grid 5 <b>41.8 M4</b>	Grid 6 <b>41.7 M4</b>
Grid 7 <b>44 M4</b>	Grid 8 <b>48.3 M4</b>	Grid 9 <b>46.3 M4</b>

**Cursor:**

Total = 56 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 56V/m

**#26 HAC\_E\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1175\_Battery 2****DUT: 9D1711**

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

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

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- 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

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

Maximum value of peak Total field = 46.3 V/m

Probe Modulation Factor = 3.11

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13 V/m; Power Drift = 0.047 dB

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

Peak E-field in V/m

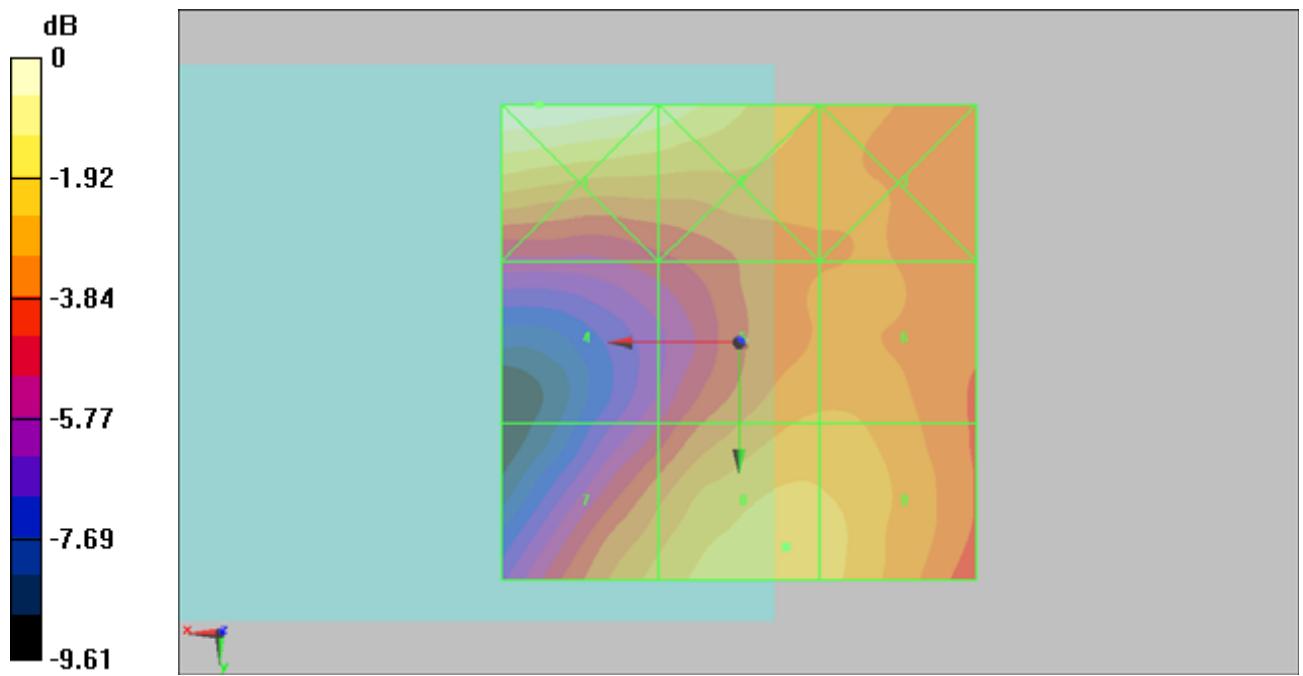
Grid 1 <b>54.3 M4</b>	Grid 2 <b>50.5 M4</b>	Grid 3 <b>40.4 M4</b>
Grid 4 <b>31.6 M4</b>	Grid 5 <b>41.1 M4</b>	Grid 6 <b>41.2 M4</b>
Grid 7 <b>41.7 M4</b>	Grid 8 <b>46.3 M4</b>	Grid 9 <b>45.2 M4</b>

**Cursor:**

Total = 54.3 V/m

E Category: M4

Location: 21, -25, 8.7 mm



## #27 HAC\_H\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch384\_Battery 1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.163 A/m

Probe Modulation Factor = 2.75

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.033 A/m; Power Drift = -0.148 dB

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

Peak H-field in A/m

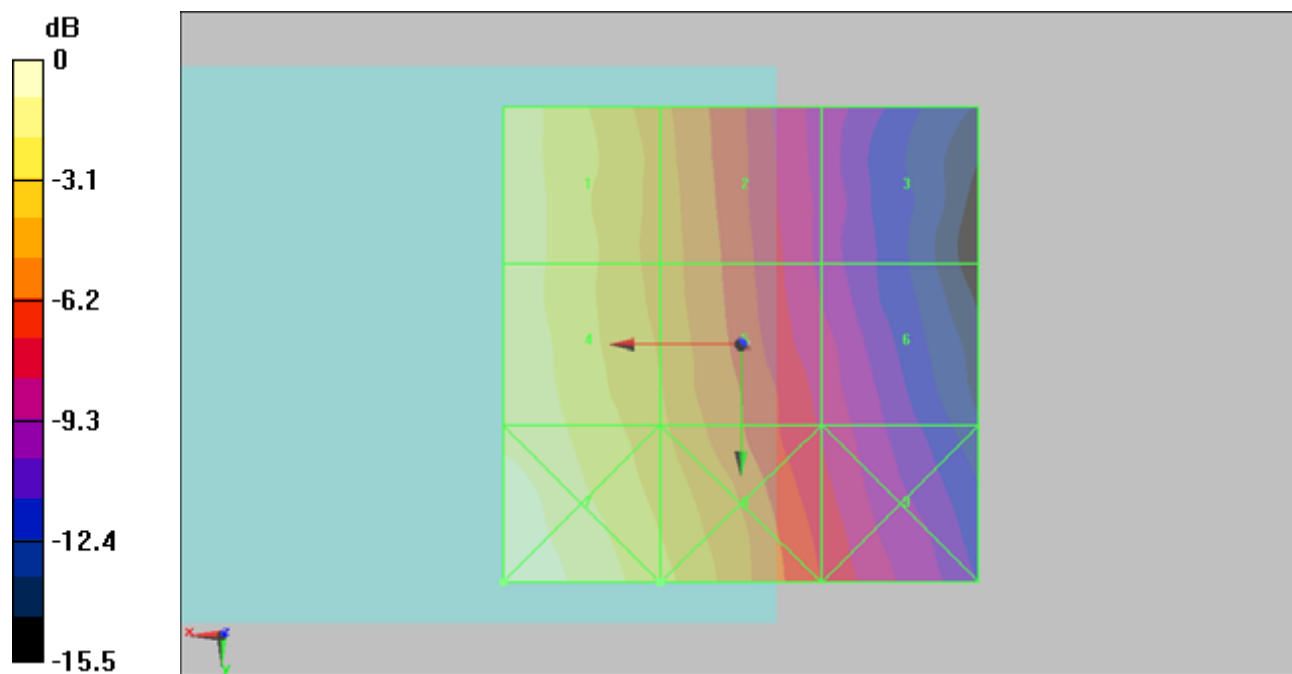
Grid 1 <b>0.160 M4</b>	Grid 2 <b>0.110 M4</b>	Grid 3 <b>0.063 M4</b>
Grid 4 <b>0.163 M4</b>	Grid 5 <b>0.120 M4</b>	Grid 6 <b>0.071 M4</b>
Grid 7 <b>0.187 M4</b>	Grid 8 <b>0.136 M4</b>	Grid 9 <b>0.081 M4</b>

**Cursor:**

Total = 0.187 A/m

H Category: M4

Location: 25, 25, 9.2 mm



## #28 HAC\_H\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1013\_Battery 1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.154 A/m

Probe Modulation Factor = 2.75

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.028 A/m; Power Drift = 0.259 dB

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

Peak H-field in A/m

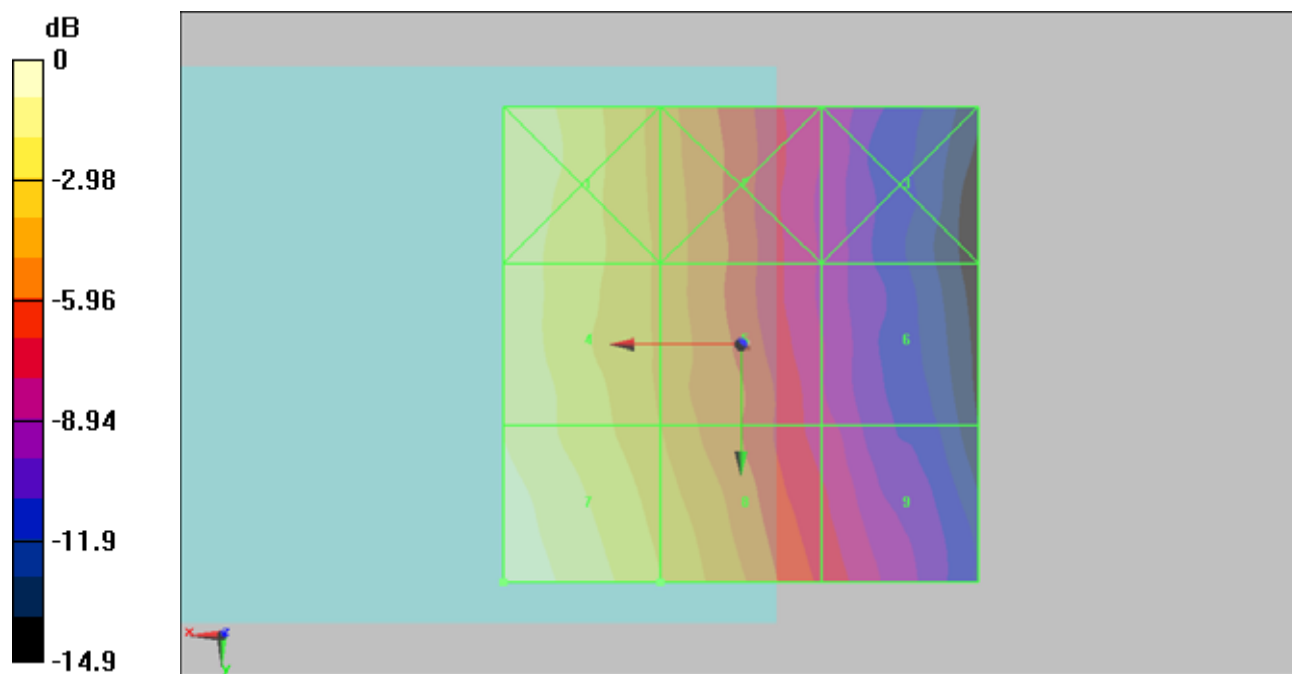
Grid 1 <b>0.138 M4</b>	Grid 2 <b>0.095 M4</b>	Grid 3 <b>0.055 M4</b>
Grid 4 <b>0.136 M4</b>	Grid 5 <b>0.098 M4</b>	Grid 6 <b>0.058 M4</b>
Grid 7 <b>0.154 M4</b>	Grid 8 <b>0.110 M4</b>	Grid 9 <b>0.068 M4</b>

**Cursor:**

Total = 0.154 A/m

H Category: M4

Location: 25, 25, 9.2 mm





## #29 HAC\_H\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch777\_Battery 1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.157 A/m

Probe Modulation Factor = 2.75

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.032 A/m; Power Drift = -0.197 dB

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

Peak H-field in A/m

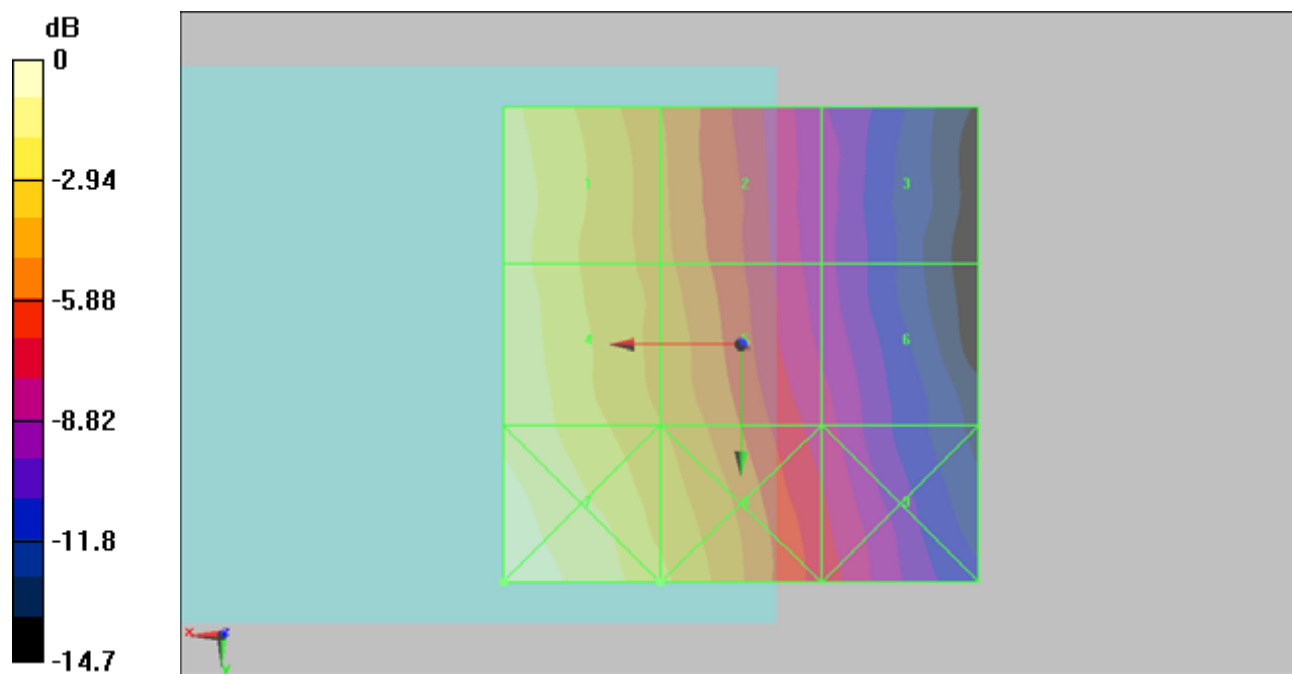
Grid 1 <b>0.152 M4</b>	Grid 2 <b>0.108 M4</b>	Grid 3 <b>0.062 M4</b>
Grid 4 <b>0.157 M4</b>	Grid 5 <b>0.116 M4</b>	Grid 6 <b>0.069 M4</b>
Grid 7 <b>0.180 M4</b>	Grid 8 <b>0.132 M4</b>	Grid 9 <b>0.079 M4</b>

**Cursor:**

Total = 0.180 A/m

H Category: M4

Location: 25, 25, 9.2 mm



## #30 HAC\_H\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch25\_Battery 1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.107 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.044 A/m; Power Drift = 0.066 dB

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

Peak H-field in A/m

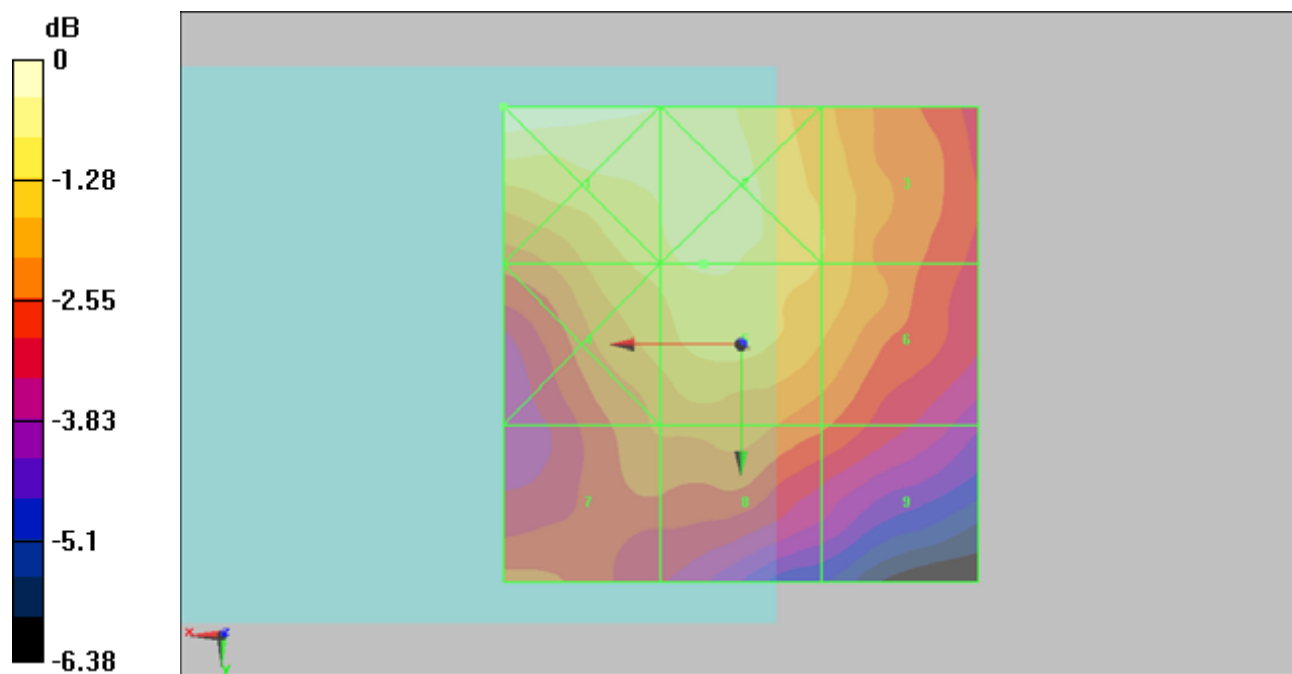
Grid 1 <b>0.117 M4</b>	Grid 2 <b>0.111 M4</b>	Grid 3 <b>0.101 M4</b>
Grid 4 <b>0.104 M4</b>	Grid 5 <b>0.107 M4</b>	Grid 6 <b>0.101 M4</b>
Grid 7 <b>0.092 M4</b>	Grid 8 <b>0.094 M4</b>	Grid 9 <b>0.088 M4</b>

**Cursor:**

Total = 0.117 A/m

H Category: M4

Location: 25, -25, 9.2 mm



0 dB = 0.117A/m

## #31 HAC\_H\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch600\_Battery 1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- 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

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

Maximum value of peak Total field = 0.124 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.049 A/m; Power Drift = 0.018 dB

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

Peak H-field in A/m

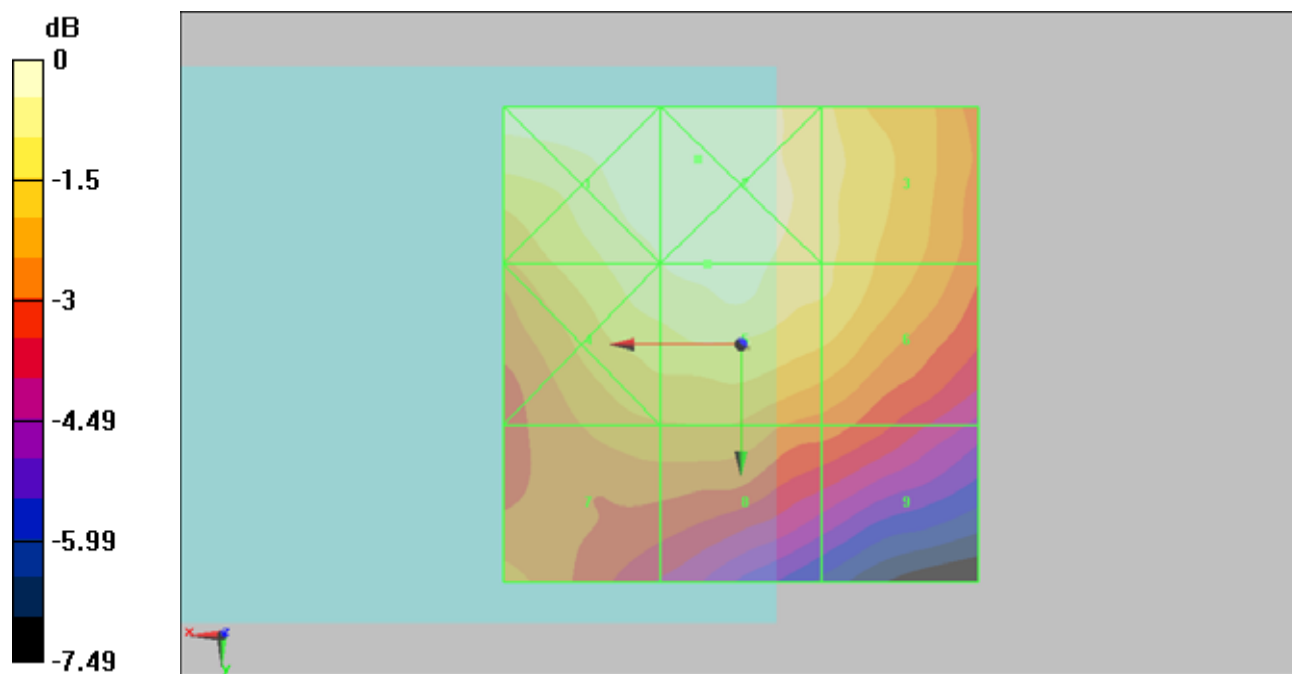
Grid 1 <b>0.126 M4</b>	Grid 2 <b>0.128 M4</b>	Grid 3 <b>0.117 M4</b>
Grid 4 <b>0.121 M4</b>	Grid 5 <b>0.124 M4</b>	Grid 6 <b>0.116 M4</b>
Grid 7 <b>0.101 M4</b>	Grid 8 <b>0.102 M4</b>	Grid 9 <b>0.094 M4</b>

**Cursor:**

Total = 0.128 A/m

H Category: M4

Location: 4.5, -19.5, 9.2 mm



0 dB = 0.128A/m

## #32 HAC\_H\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1175\_Battery 1

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.114 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.045 A/m; Power Drift = -0.132 dB

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

Peak H-field in A/m

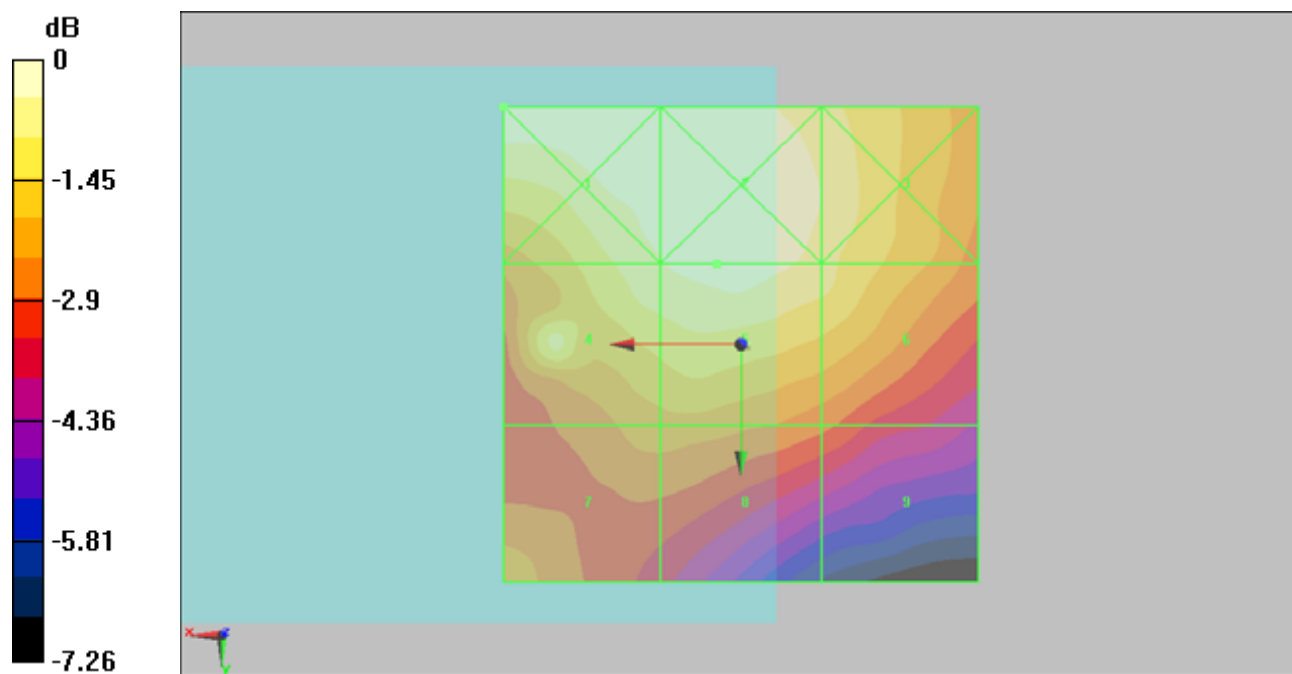
Grid 1 <b>0.118 M4</b>	Grid 2 <b>0.117 M4</b>	Grid 3 <b>0.112 M4</b>
Grid 4 <b>0.111 M4</b>	Grid 5 <b>0.114 M4</b>	Grid 6 <b>0.108 M4</b>
Grid 7 <b>0.094 M4</b>	Grid 8 <b>0.093 M4</b>	Grid 9 <b>0.086 M4</b>

**Cursor:**

Total = 0.118 A/m

H Category: M4

Location: 25, -25, 9.2 mm



0 dB = 0.118A/m



## #33 HAC\_H\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch384\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.165 A/m

Probe Modulation Factor = 2.75

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.034 A/m; Power Drift = -0.054 dB

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

Peak H-field in A/m

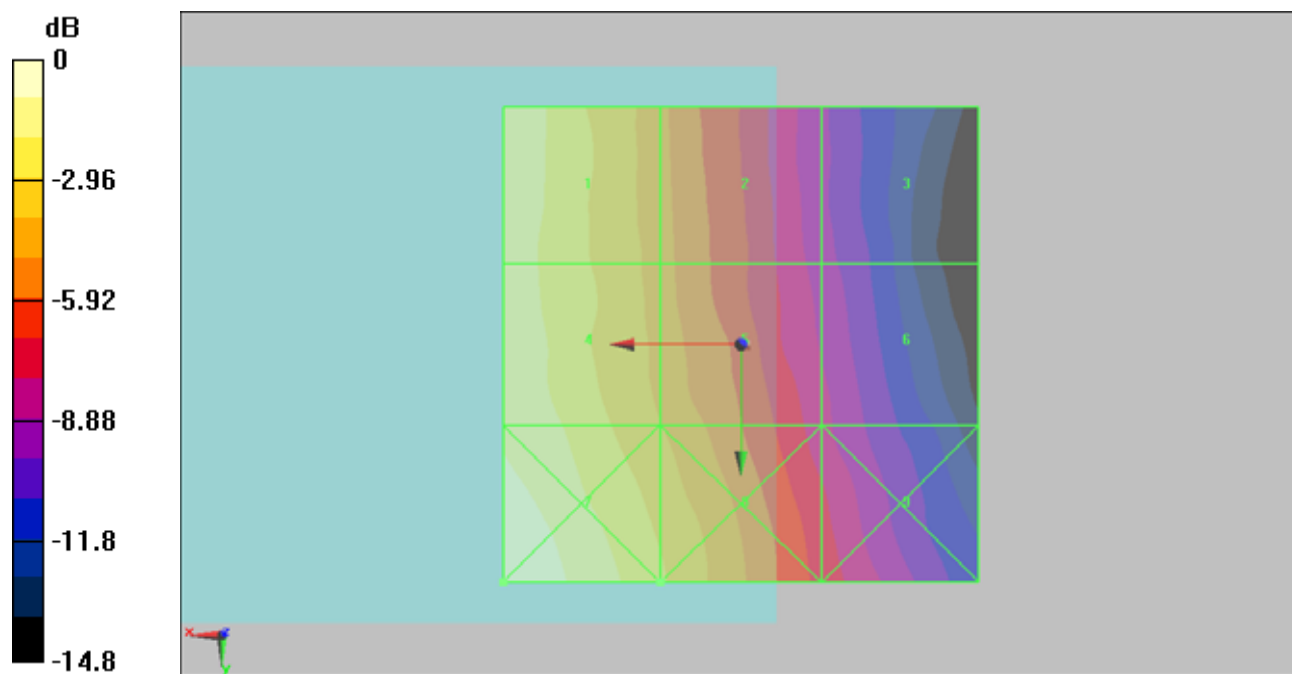
Grid 1 <b>0.162 M4</b>	Grid 2 <b>0.113 M4</b>	Grid 3 <b>0.064 M4</b>
Grid 4 <b>0.165 M4</b>	Grid 5 <b>0.120 M4</b>	Grid 6 <b>0.071 M4</b>
Grid 7 <b>0.188 M4</b>	Grid 8 <b>0.136 M4</b>	Grid 9 <b>0.082 M4</b>

**Cursor:**

Total = 0.188 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.188A/m

## #34 HAC\_H\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1013\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- 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

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

Maximum value of peak Total field = 0.137 A/m

Probe Modulation Factor = 2.75

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.028 A/m; Power Drift = -0.085 dB

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

Peak H-field in A/m

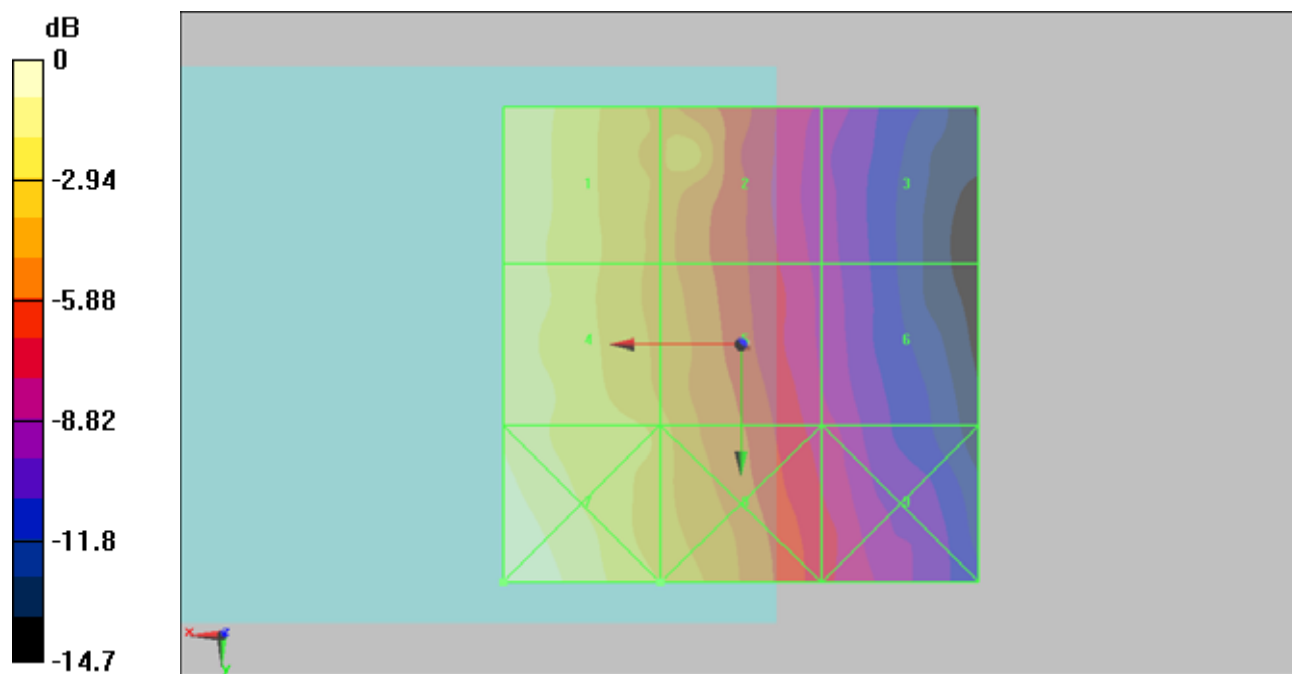
Grid 1 <b>0.137 M4</b>	Grid 2 <b>0.104 M4</b>	Grid 3 <b>0.055 M4</b>
Grid 4 <b>0.135 M4</b>	Grid 5 <b>0.103 M4</b>	Grid 6 <b>0.059 M4</b>
Grid 7 <b>0.153 M4</b>	Grid 8 <b>0.109 M4</b>	Grid 9 <b>0.066 M4</b>

**Cursor:**

Total = 0.153 A/m

H Category: M4

Location: 25, 25, 9.2 mm



0 dB = 0.153A/m

## #35 HAC\_H\_CDMA2000 BC0\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch777\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.153 A/m

Probe Modulation Factor = 2.75

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.031 A/m; Power Drift = 0.209 dB

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

Peak H-field in A/m

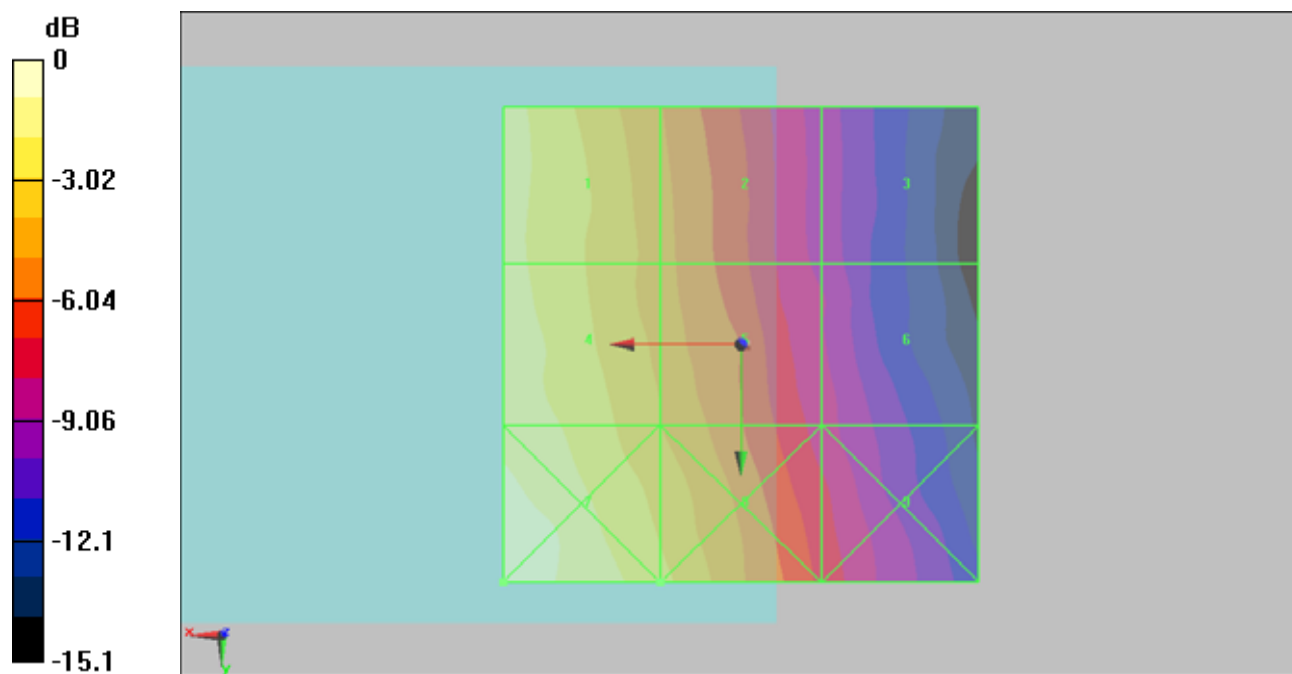
Grid 1 <b>0.149 M4</b>	Grid 2 <b>0.105 M4</b>	Grid 3 <b>0.061 M4</b>
Grid 4 <b>0.153 M4</b>	Grid 5 <b>0.113 M4</b>	Grid 6 <b>0.067 M4</b>
Grid 7 <b>0.178 M4</b>	Grid 8 <b>0.131 M4</b>	Grid 9 <b>0.077 M4</b>

**Cursor:**

Total = 0.178 A/m

H Category: M4

Location: 25, 25, 9.2 mm



## #36 HAC\_H\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch25\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.105 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.043 A/m; Power Drift = -0.046 dB

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

Peak H-field in A/m

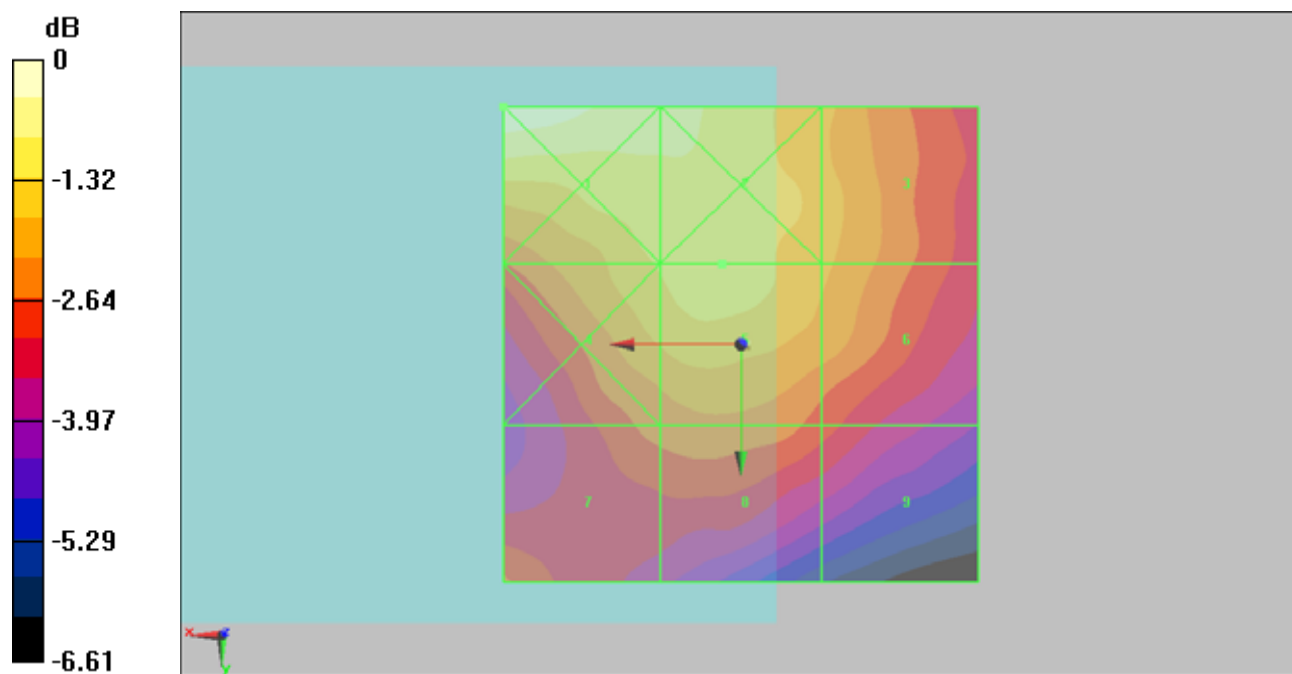
Grid 1 <b>0.119 M4</b>	Grid 2 <b>0.111 M4</b>	Grid 3 <b>0.100 M4</b>
Grid 4 <b>0.103 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.098 M4</b>
Grid 7 <b>0.090 M4</b>	Grid 8 <b>0.091 M4</b>	Grid 9 <b>0.086 M4</b>

**Cursor:**

Total = 0.119 A/m

H Category: M4

Location: 25, -25, 9.2 mm



0 dB = 0.119A/m



## #37 HAC\_H\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch600\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- 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

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

Maximum value of peak Total field = 0.123 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.049 A/m; Power Drift = 0.053 dB

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

Peak H-field in A/m

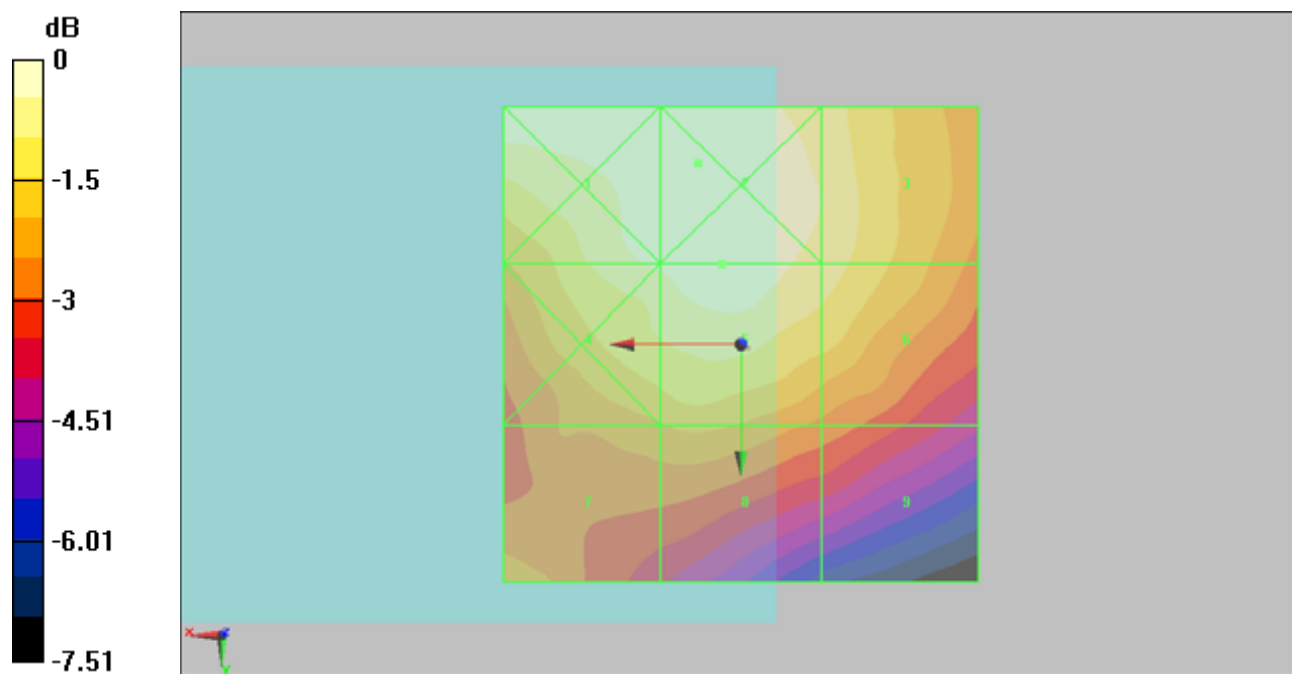
Grid 1 <b>0.125 M4</b>	Grid 2 <b>0.126 M4</b>	Grid 3 <b>0.119 M4</b>
Grid 4 <b>0.120 M4</b>	Grid 5 <b>0.123 M4</b>	Grid 6 <b>0.116 M4</b>
Grid 7 <b>0.099 M4</b>	Grid 8 <b>0.101 M4</b>	Grid 9 <b>0.093 M4</b>

**Cursor:**

Total = 0.126 A/m

H Category: M4

Location: 4.5, -19, 9.2 mm



## #38 HAC\_H\_CDMA2000 BC1\_FCH\_RC1\_SO3\_Voice\_Echo\_Ch1175\_Battery 2

**DUT: 9D1711**

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

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

Ambient Temperature : 22.4

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- 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

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

Maximum value of peak Total field = 0.115 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.044 A/m; Power Drift = 0.125 dB

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

Peak H-field in A/m

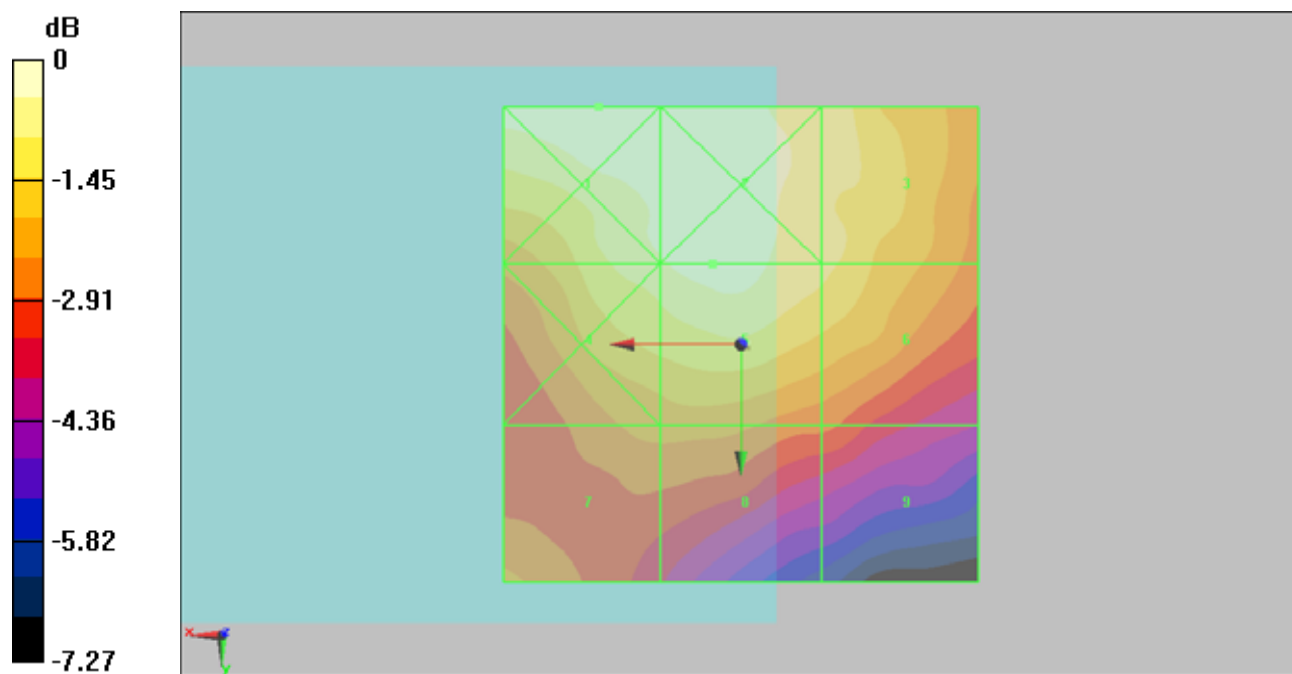
Grid 1 <b>0.118 M4</b>	Grid 2 <b>0.117 M4</b>	Grid 3 <b>0.110 M4</b>
Grid 4 <b>0.111 M4</b>	Grid 5 <b>0.115 M4</b>	Grid 6 <b>0.107 M4</b>
Grid 7 <b>0.091 M4</b>	Grid 8 <b>0.091 M4</b>	Grid 9 <b>0.086 M4</b>

**Cursor:**

Total = 0.118 A/m

H Category: M4

Location: 15, -25, 9.2 mm



0 dB = 0.118A/m