

## #01 HAC\_E\_CDMA2000 BC0\_RC1+SO2\_RC1\_SO2\_Loop\_Full Rate\_Ch384\_Battery1

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 59 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.5 V/m; Power Drift = 0.048 dB

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

Peak E-field in V/m

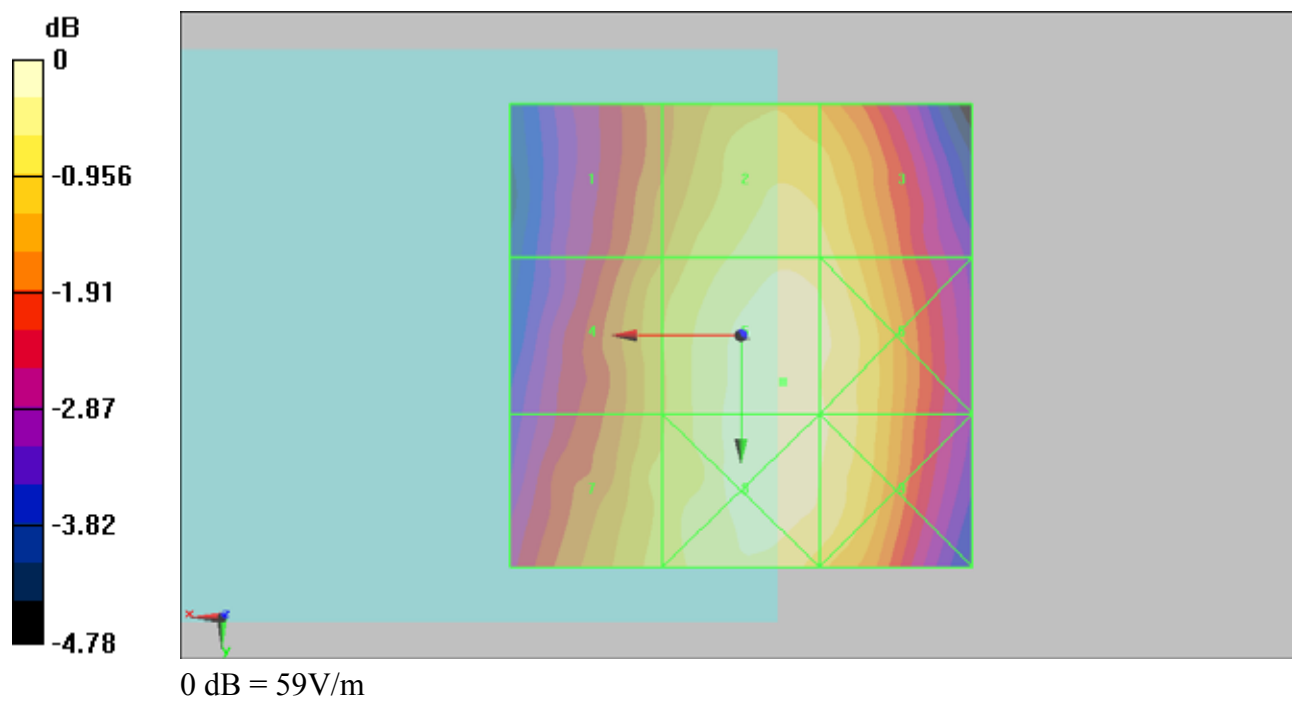
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>50.8 M4</b> | <b>56.6 M4</b> | <b>55.8 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>52.8 M4</b> | <b>59 M4</b>   | <b>57.5 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>53.8 M4</b> | <b>58.6 M4</b> | <b>57.3 M4</b> |

**Cursor:**

Total = 59 V/m

E Category: M4

Location: -4.5, 5, 8.7 mm



**#02 HAC\_E\_CDMA2000 BC0\_RC1\_SO2\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 63.8 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.3 V/m; Power Drift = -0.00717 dB

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

Peak E-field in V/m

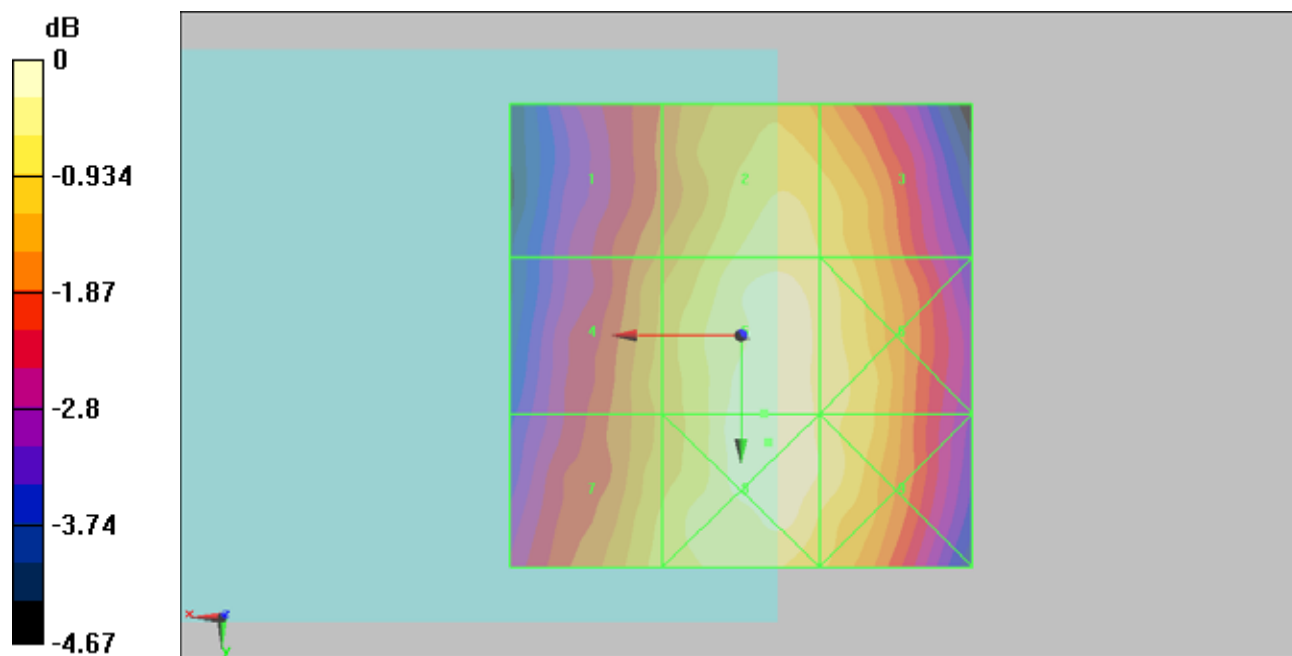
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>54.2 M4</b> | <b>61.3 M4</b> | <b>59.9 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>56.6 M4</b> | <b>63.8 M4</b> | <b>61.6 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>58.4 M4</b> | <b>64.1 M4</b> | <b>61.9 M4</b> |

**Cursor:**

Total = 64.1 V/m

E Category: M4

Location: -3, 11.5, 8.7 mm



0 dB = 64.1V/m

## #03 HAC\_E\_CDMA2000 BC0\_RC1\_SO3\_Voice\_Ch384\_Battery1

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 63.6 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.5 V/m; Power Drift = -0.062 dB

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

Peak E-field in V/m

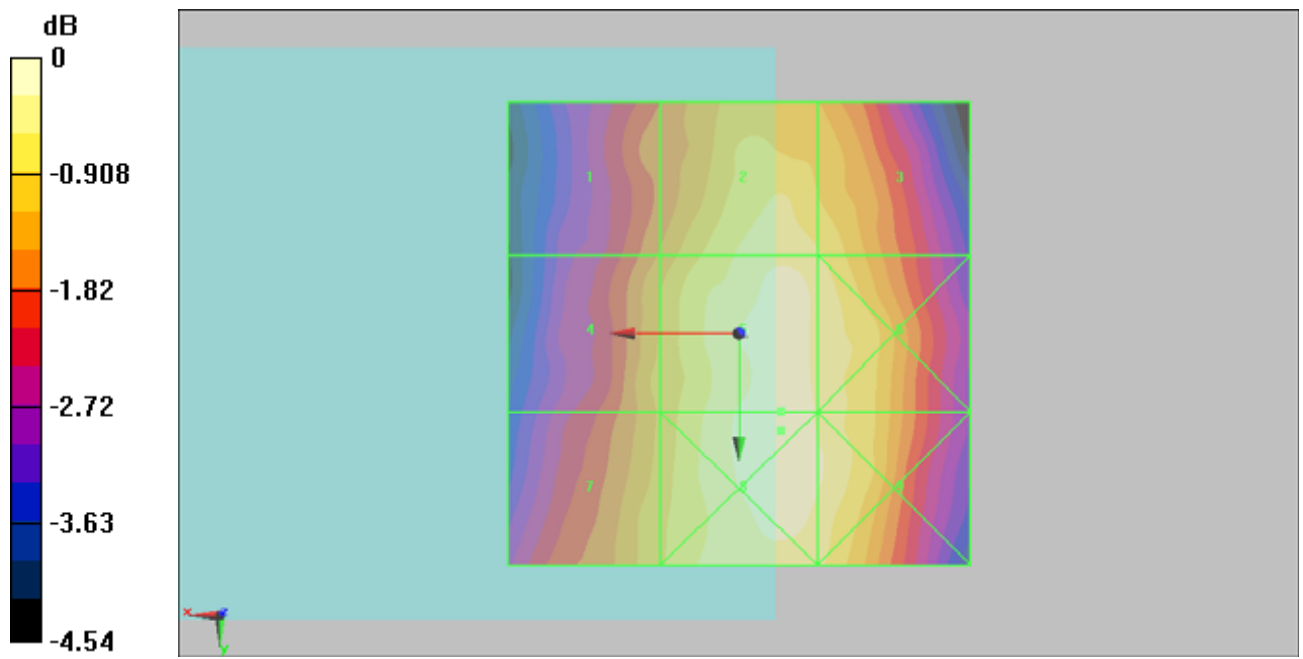
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>54 M4</b>   | Grid 2<br><b>61 M4</b>   | Grid 3<br><b>59.9 M4</b> |
| Grid 4<br><b>56.4 M4</b> | Grid 5<br><b>63.6 M4</b> | Grid 6<br><b>61.5 M4</b> |
| Grid 7<br><b>57.3 M4</b> | Grid 8<br><b>63.9 M4</b> | Grid 9<br><b>62.1 M4</b> |

**Cursor:**

Total = 63.9 V/m

E Category: M4

Location: -4.5, 10.5, 8.7 mm



0 dB = 63.9V/m

**#04 HAC\_E\_CDMA2000 BC0\_RC1\_SO55\_Loop\_Full Rate\_Ch384\_Battery1****DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 57.7 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.4 V/m; Power Drift = -0.086 dB

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

Peak E-field in V/m

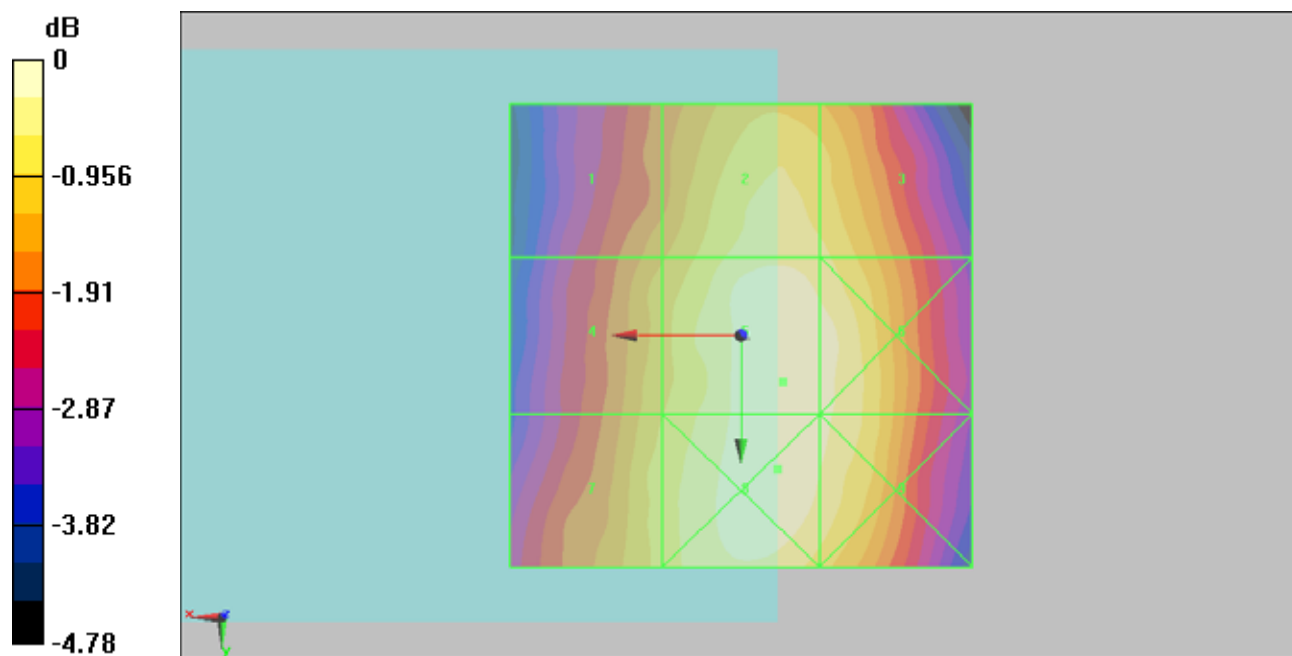
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>49.7 M4</b> | <b>55.3 M4</b> | <b>54.3 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>51.7 M4</b> | <b>57.7 M4</b> | <b>56.8 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>52.9 M4</b> | <b>57.8 M4</b> | <b>56.4 M4</b> |

**Cursor:**

Total = 57.8 V/m

E Category: M4

Location: -4, 14.5, 8.7 mm



0 dB = 57.8V/m

**#05 HAC\_E\_CDMA2000 BC0\_RC1\_SO55\_RC1\_SO55\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 63.1 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.2 V/m; Power Drift = 0.048 dB

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

Peak E-field in V/m

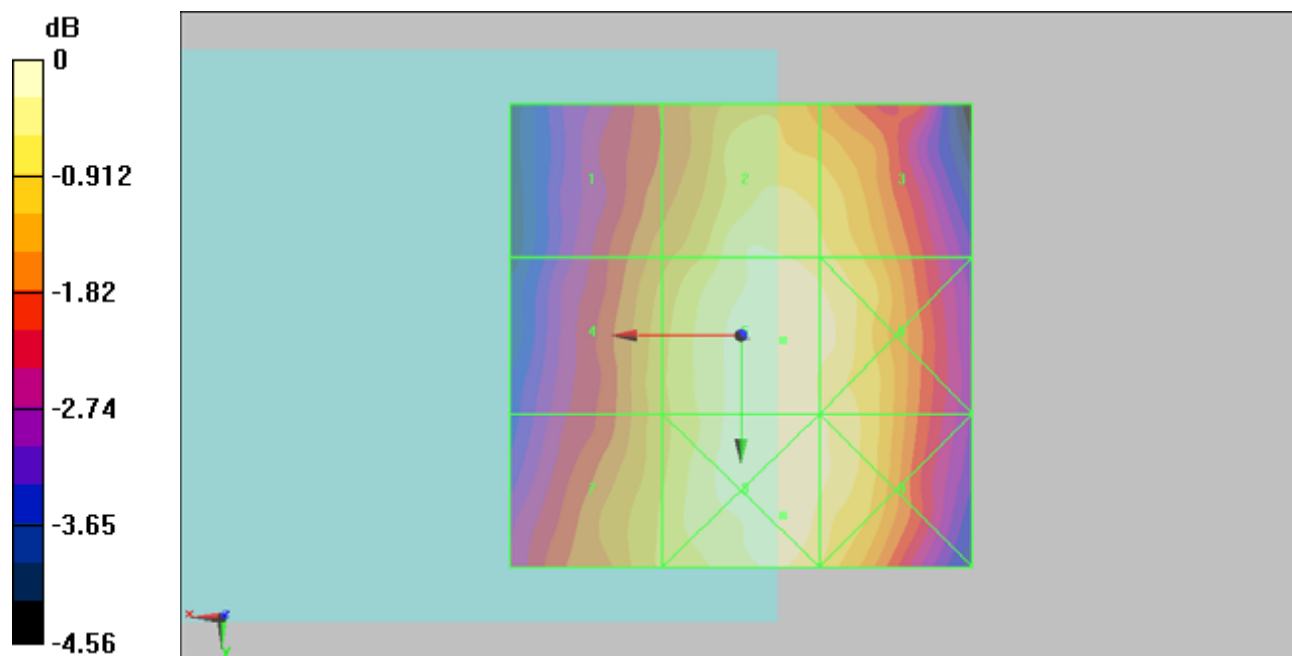
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>54.2 M4</b> | Grid 2<br><b>61.2 M4</b> | Grid 3<br><b>59.7 M4</b> |
| Grid 4<br><b>56.5 M4</b> | Grid 5<br><b>63.1 M4</b> | Grid 6<br><b>62 M4</b>   |
| Grid 7<br><b>57.2 M4</b> | Grid 8<br><b>63.1 M4</b> | Grid 9<br><b>61.4 M4</b> |

**Cursor:**

Total = 63.1 V/m

E Category: M4

Location: -4.5, 19.5, 8.7 mm



0 dB = 63.1V/m

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

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 64.2 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.2 V/m; Power Drift = -0.017 dB

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

Peak E-field in V/m

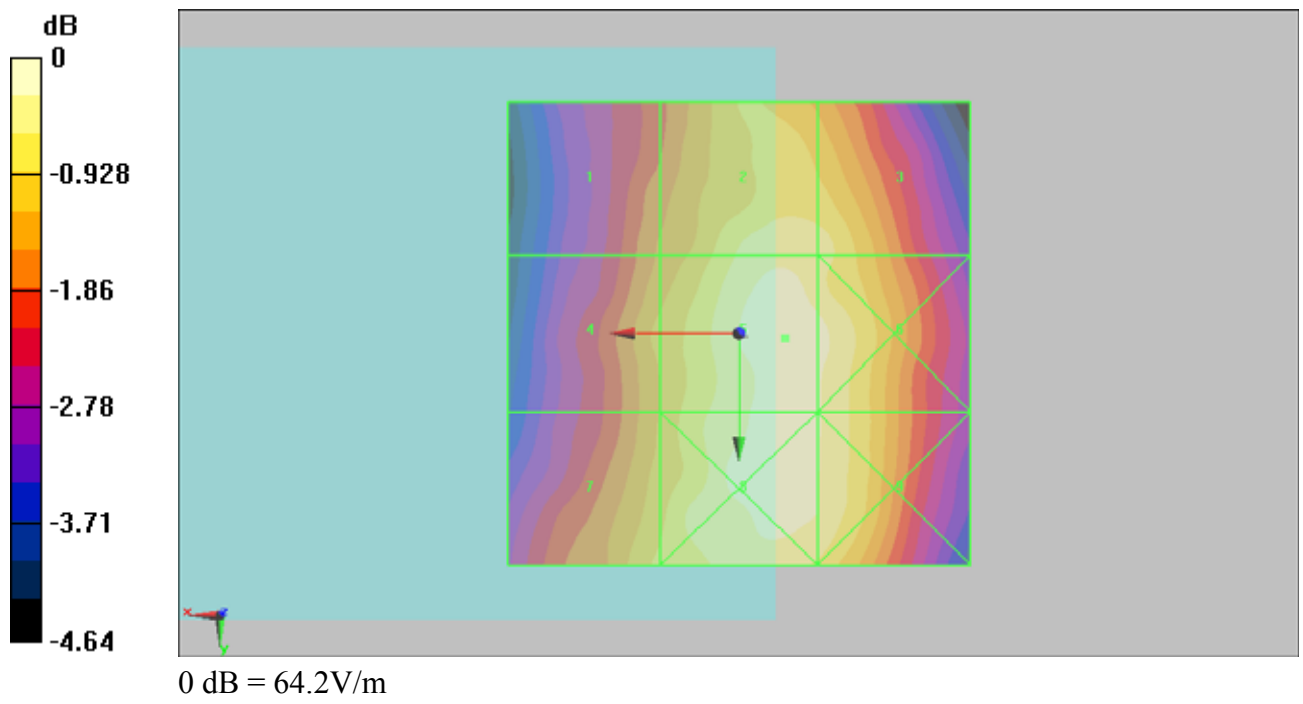
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>54.1 M4</b> | <b>61.4 M4</b> | <b>60.8 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>56.4 M4</b> | <b>64.2 M4</b> | <b>62.8 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>58.1 M4</b> | <b>63.3 M4</b> | <b>62.2 M4</b> |

**Cursor:**

Total = 64.2 V/m

E Category: M4

Location: -5, 0.5, 8.7 mm



## #07 HAC\_E\_CDMA2000 BC0\_RC2\_SO32768\_Voice\_Ch384\_Battery1

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 63.6 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.2 V/m; Power Drift = 0.120 dB

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

Peak E-field in V/m

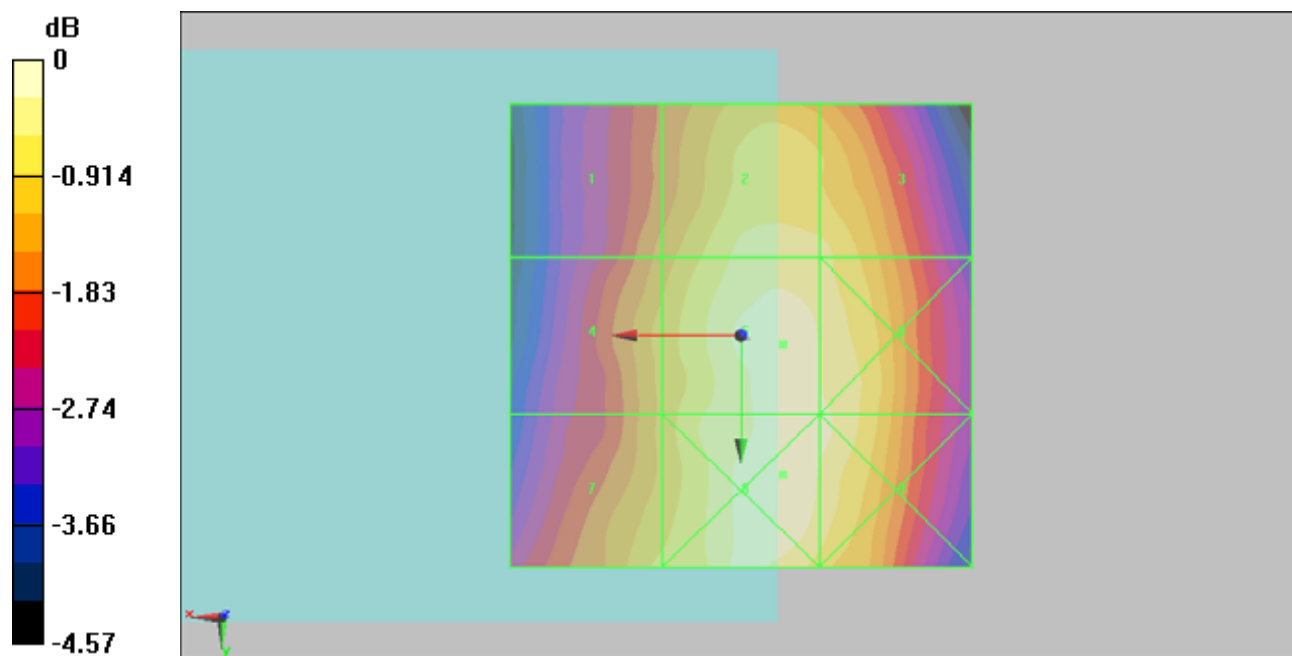
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>54.5 M4</b> | <b>60.9 M4</b> | <b>60.2 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>56.5 M4</b> | <b>63.6 M4</b> | <b>62.3 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>58 M4</b>   | <b>63.9 M4</b> | <b>62.4 M4</b> |

**Cursor:**

Total = 63.9 V/m

E Category: M4

Location: -4.5, 15, 8.7 mm



0 dB = 63.9V/m

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

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 58 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.8 V/m; Power Drift = -0.111 dB

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

Peak E-field in V/m

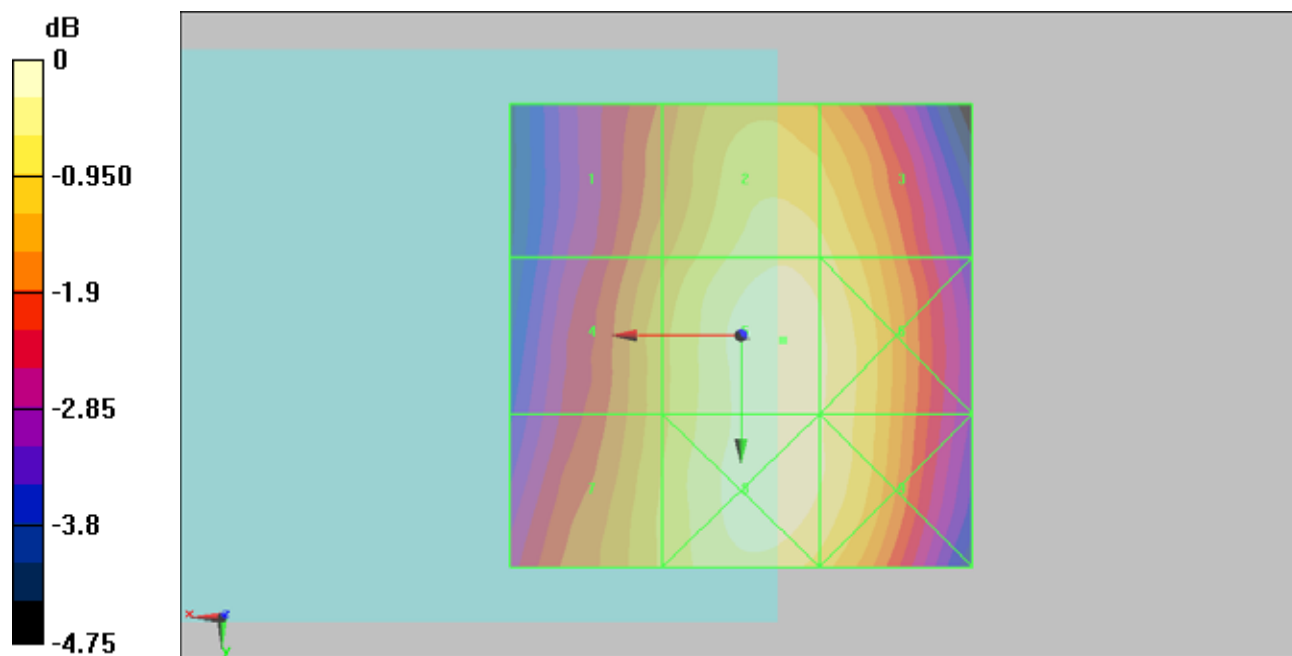
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>49.6 M4</b> | Grid 2<br><b>55.7 M4</b> | Grid 3<br><b>54.7 M4</b> |
| Grid 4<br><b>51.6 M4</b> | Grid 5<br><b>58 M4</b>   | Grid 6<br><b>56.4 M4</b> |
| Grid 7<br><b>52.4 M4</b> | Grid 8<br><b>57.5 M4</b> | Grid 9<br><b>56.2 M4</b> |

**Cursor:**

Total = 58 V/m

E Category: M4

Location: -4.5, 0.5, 8.7 mm



0 dB = 58V/m

**#09 HAC\_E\_CDMA2000 BC0\_RC3\_SO55\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 56.8 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.7 V/m; Power Drift = -0.035 dB

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

Peak E-field in V/m

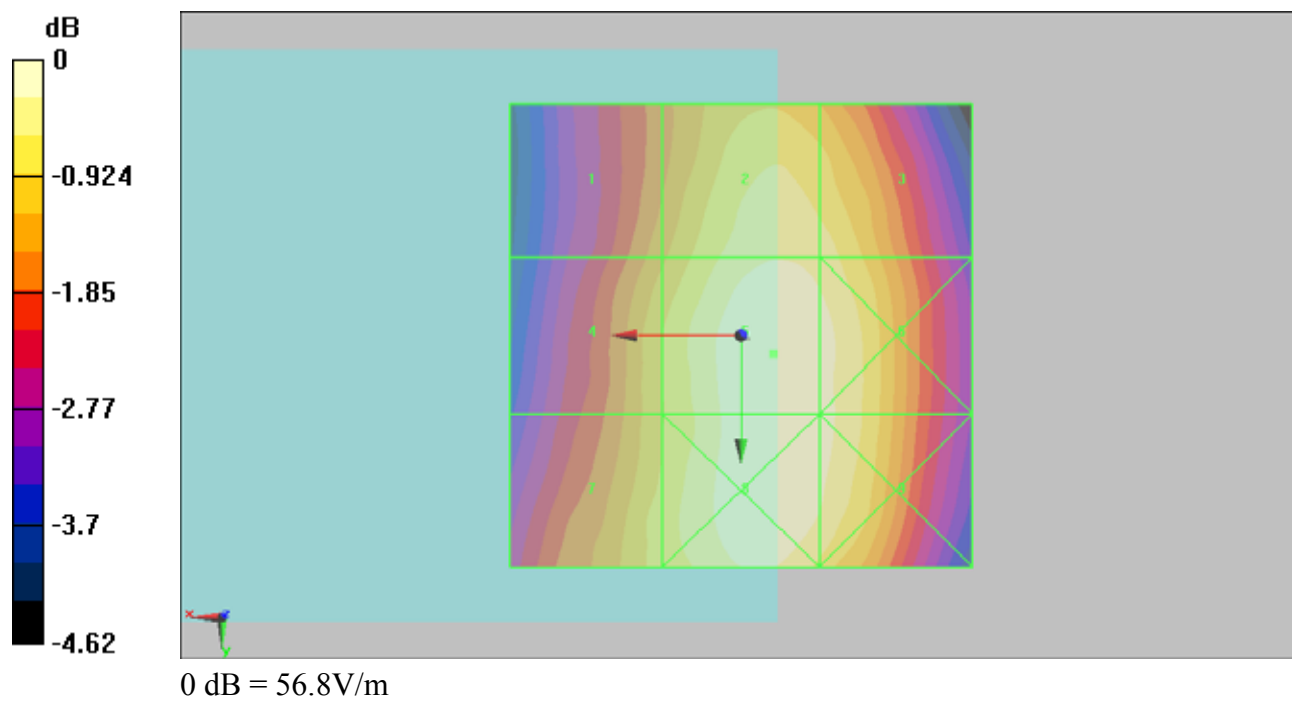
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>49 M4</b>   | Grid 2<br><b>54.7 M4</b> | Grid 3<br><b>54 M4</b>   |
| Grid 4<br><b>51.2 M4</b> | Grid 5<br><b>56.8 M4</b> | Grid 6<br><b>55.7 M4</b> |
| Grid 7<br><b>52.1 M4</b> | Grid 8<br><b>56.7 M4</b> | Grid 9<br><b>55.7 M4</b> |

**Cursor:**

Total = 56.8 V/m

E Category: M4

Location: -3.5, 2, 8.7 mm



**#10 HAC\_E\_CDMA2000 BC0\_RC3\_SO3\_Voice\_Ch384\_Battery1****DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 57.2 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.9 V/m; Power Drift = -0.072 dB

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

Peak E-field in V/m

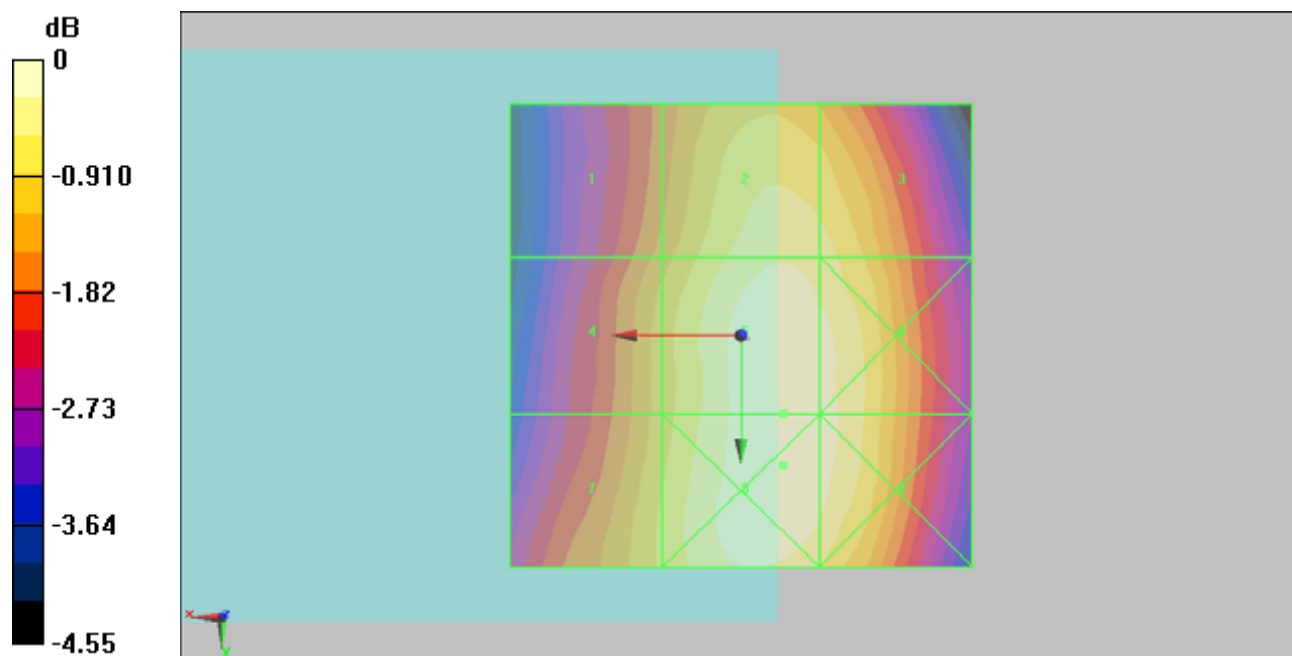
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>49 M4</b>   | Grid 2<br><b>55.1 M4</b> | Grid 3<br><b>54.4 M4</b> |
| Grid 4<br><b>50.8 M4</b> | Grid 5<br><b>57.2 M4</b> | Grid 6<br><b>56.4 M4</b> |
| Grid 7<br><b>52 M4</b>   | Grid 8<br><b>57.3 M4</b> | Grid 9<br><b>56.5 M4</b> |

**Cursor:**

Total = 57.3 V/m

E Category: M4

Location: -4.5, 14, 8.7 mm



0 dB = 57.3V/m

## #11 HAC\_E\_CDMA2000 BC0\_RC3\_SO2\_Loop\_Full Rate\_Ch384\_Battery1

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 56.6 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 73.4 V/m; Power Drift = -0.014 dB

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

Peak E-field in V/m

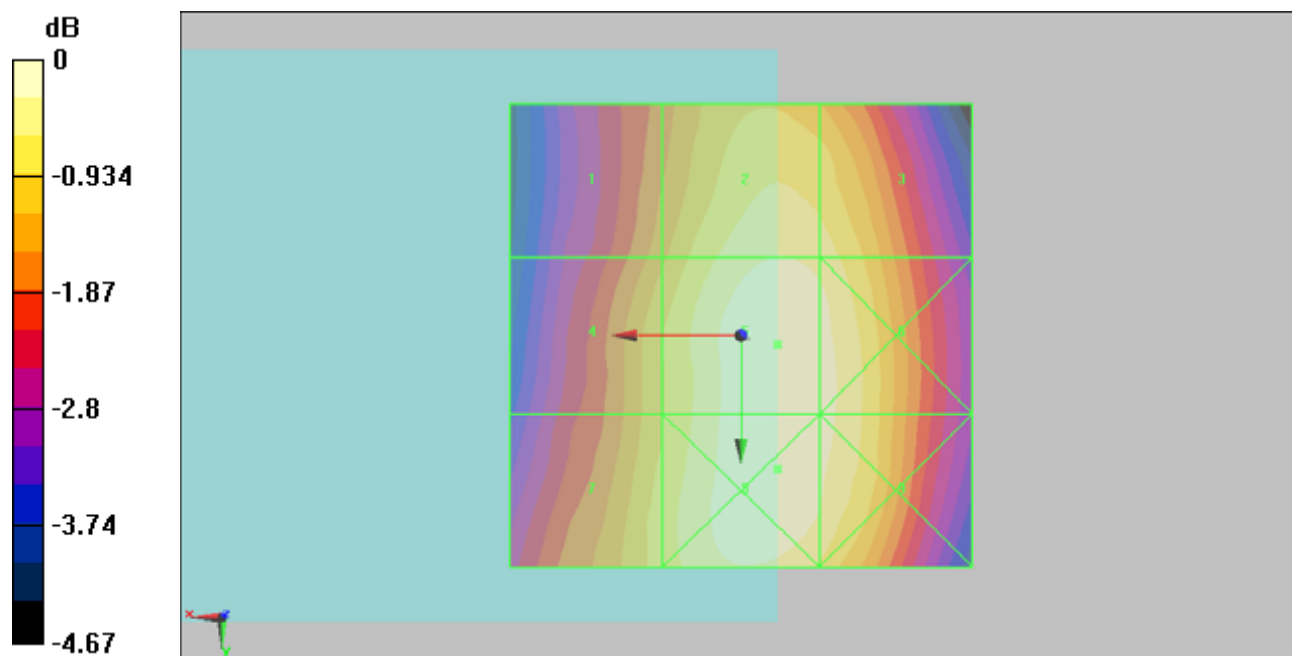
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>48.6 M4</b> | <b>54.7 M4</b> | <b>53.8 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>50.8 M4</b> | <b>56.6 M4</b> | <b>55.6 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>51.8 M4</b> | <b>56.6 M4</b> | <b>55.5 M4</b> |

**Cursor:**

Total = 56.6 V/m

E Category: M4

Location: -4, 14.5, 8.7 mm



0 dB = 56.6V/m

**#12 HAC\_E\_CDMA2000 BC0\_RC3\_SO2\_Loop\_Eighth Rate\_Ch384\_Battery1****DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 56.8 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.8 V/m; Power Drift = 0.027 dB

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

Peak E-field in V/m

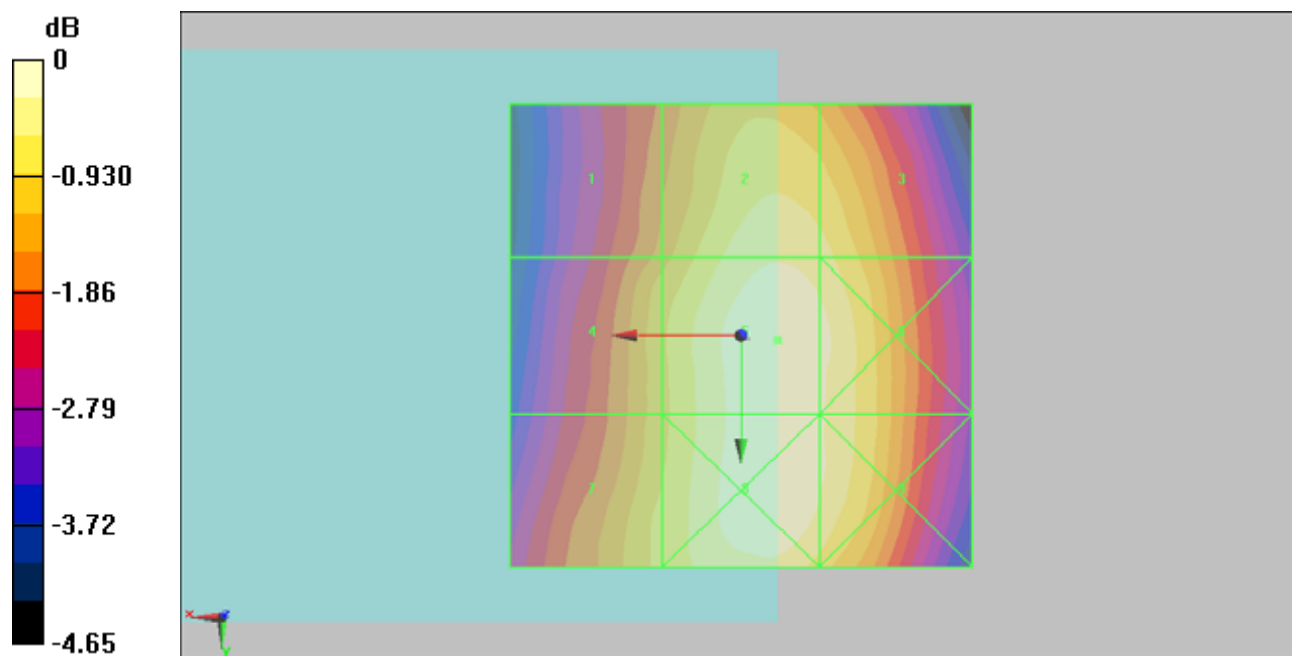
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>48.5 M4</b> | Grid 2<br><b>54.6 M4</b> | Grid 3<br><b>53.7 M4</b> |
| Grid 4<br><b>50.8 M4</b> | Grid 5<br><b>56.8 M4</b> | Grid 6<br><b>55.5 M4</b> |
| Grid 7<br><b>51.7 M4</b> | Grid 8<br><b>56.5 M4</b> | Grid 9<br><b>55.1 M4</b> |

**Cursor:**

Total = 56.8 V/m

E Category: M4

Location: -4, 0.5, 8.7 mm



0 dB = 56.8V/m

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

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 56.1 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 71.7 V/m; Power Drift = 0.014 dB

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

Peak E-field in V/m

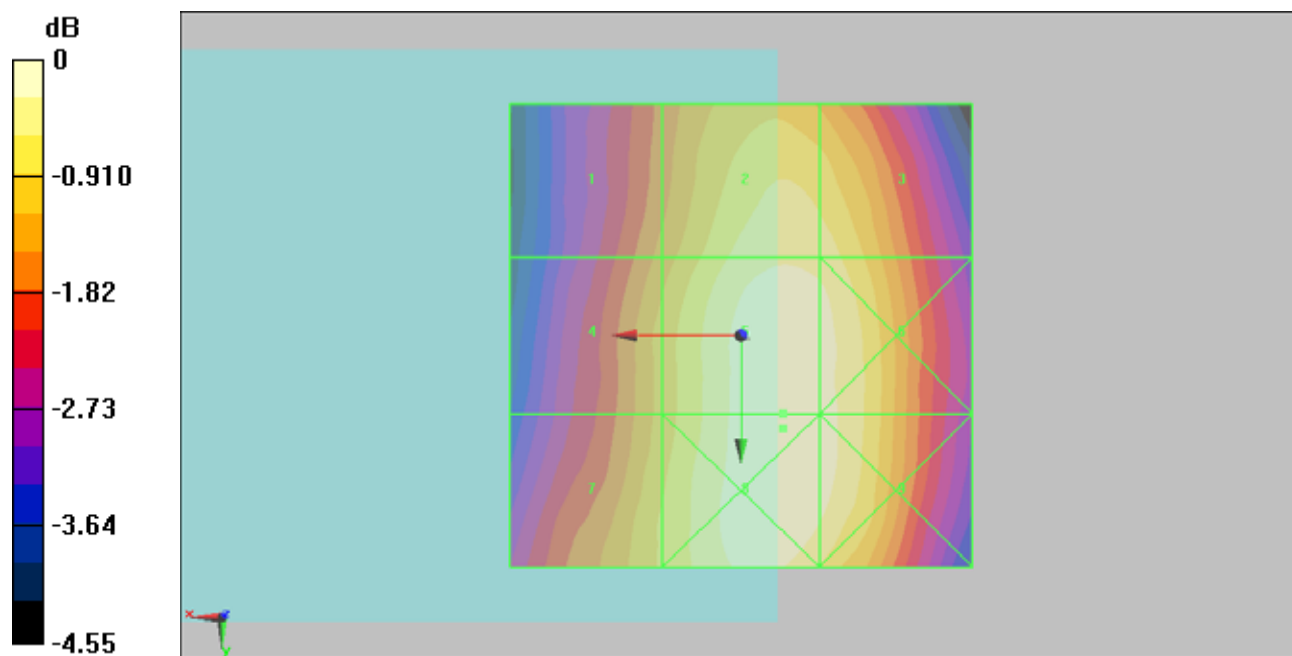
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>47.9 M4</b> | Grid 2<br><b>54 M4</b>   | Grid 3<br><b>53.6 M4</b> |
| Grid 4<br><b>49.7 M4</b> | Grid 5<br><b>56.1 M4</b> | Grid 6<br><b>55.3 M4</b> |
| Grid 7<br><b>50.9 M4</b> | Grid 8<br><b>56.2 M4</b> | Grid 9<br><b>55.3 M4</b> |

**Cursor:**

Total = 56.2 V/m

E Category: M4

Location: -4.5, 10, 8.7 mm



0 dB = 56.2V/m

## #14 HAC\_E\_CDMA2000 BC0\_RC5\_SO17\_Voice\_Ch384\_Battery1

**DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 56 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 71.5 V/m; Power Drift = 0.041 dB

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

Peak E-field in V/m

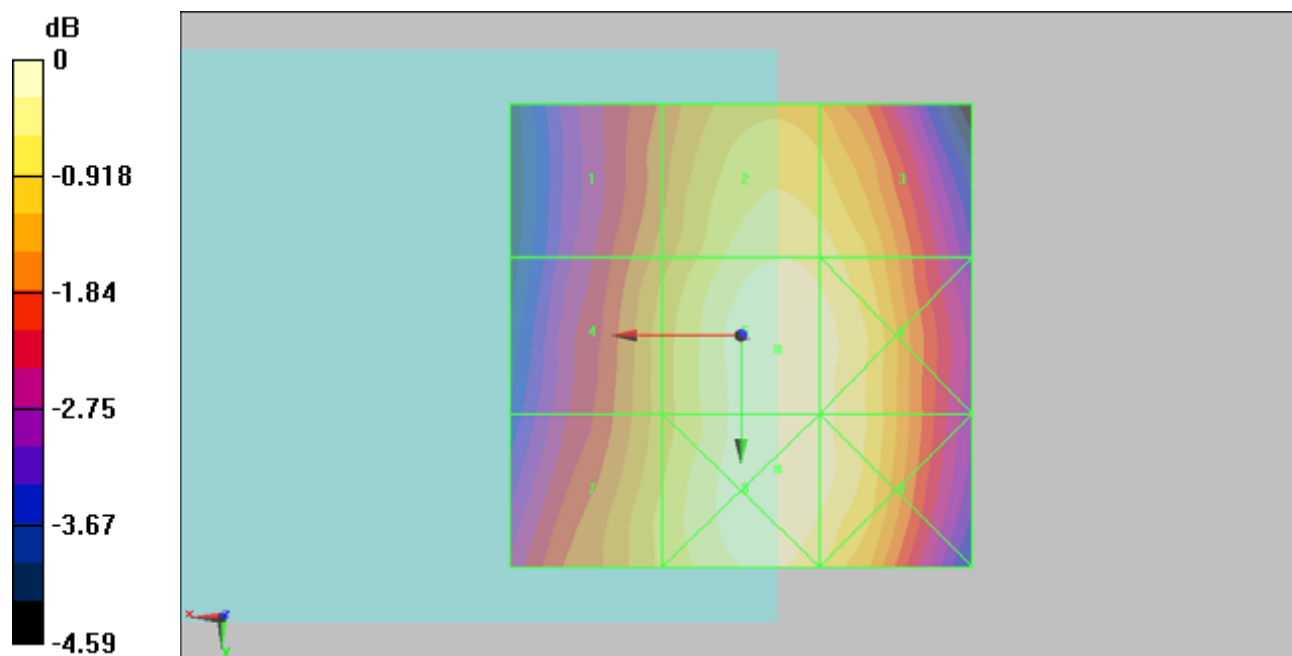
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>47.9 M4</b> | <b>54.1 M4</b> | <b>53.4 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>49.7 M4</b> | <b>56 M4</b>   | <b>55.2 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>51.1 M4</b> | <b>56.1 M4</b> | <b>55.1 M4</b> |

**Cursor:**

Total = 56.1 V/m

E Category: M4

Location: -4, 14.5, 8.7 mm



0 dB = 56.1V/m

## #15 HAC\_E\_CDMA2000 BC0\_RC5\_SO32768\_Voice\_Ch384\_Battery1

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 56.2 V/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.1 V/m; Power Drift = -0.046 dB

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

Peak E-field in V/m

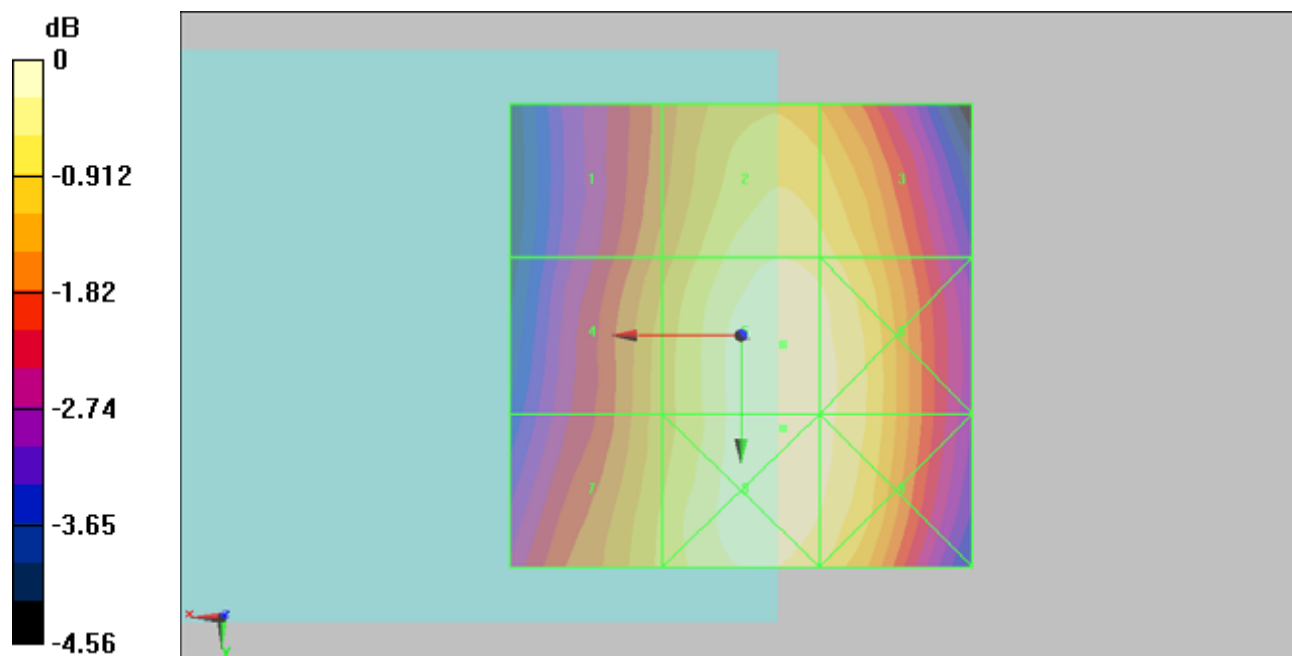
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>48 M4</b>   | Grid 2<br><b>54.2 M4</b> | Grid 3<br><b>53.3 M4</b> |
| Grid 4<br><b>49.8 M4</b> | Grid 5<br><b>56.2 M4</b> | Grid 6<br><b>55.2 M4</b> |
| Grid 7<br><b>51 M4</b>   | Grid 8<br><b>56.2 M4</b> | Grid 9<br><b>55.1 M4</b> |

**Cursor:**

Total = 56.2 V/m

E Category: M4

Location: -4.5, 10, 8.7 mm



0 dB = 56.2V/m

**#16 HAC\_E\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch1013\_Battery1****DUT: 132949**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 69.2 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29 V/m; Power Drift = -0.035 dB

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

Peak E-field in V/m

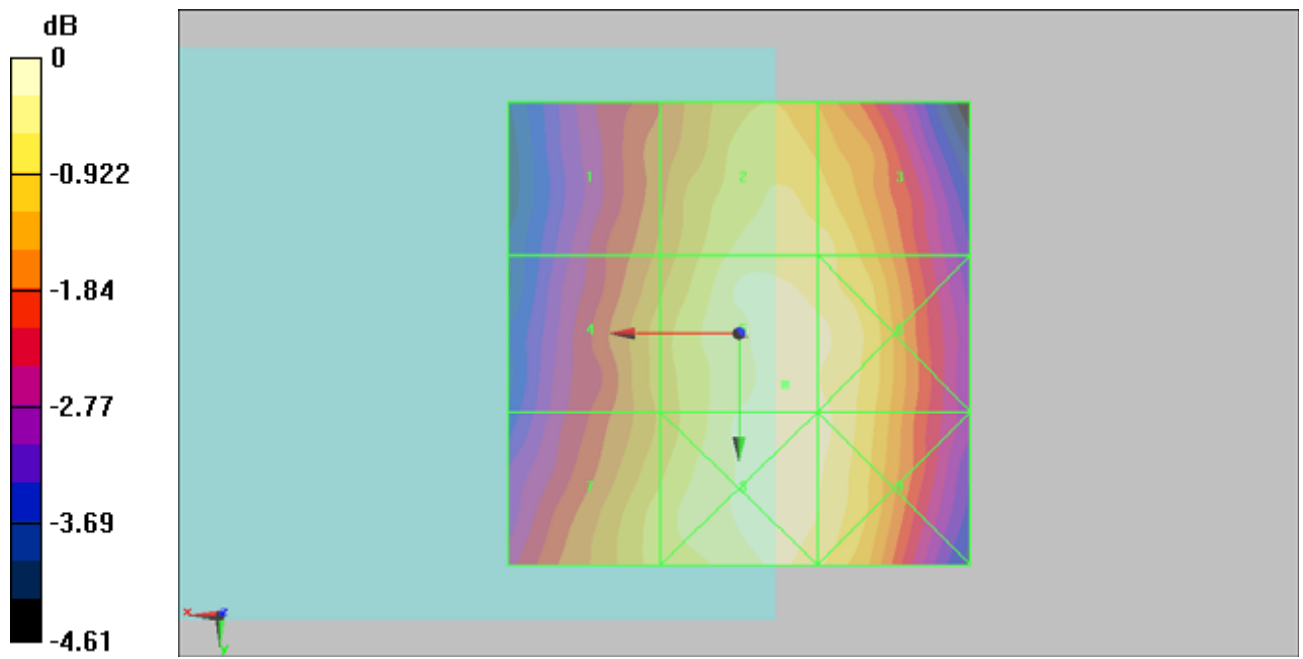
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>58.7 M4</b> | Grid 2<br><b>66 M4</b>   | Grid 3<br><b>65.6 M4</b> |
| Grid 4<br><b>61.3 M4</b> | Grid 5<br><b>69.2 M4</b> | Grid 6<br><b>67.8 M4</b> |
| Grid 7<br><b>63.5 M4</b> | Grid 8<br><b>69 M4</b>   | Grid 9<br><b>67.9 M4</b> |

**Cursor:**

Total = 69.2 V/m

E Category: M4

Location: -5, 5.5, 8.7 mm



0 dB = 69.2V/m

## #17 HAC\_E\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch777\_Battery1

**DUT: 132949**

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 : 22.4

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 72.6 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30 V/m; Power Drift = -0.163 dB

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

Peak E-field in V/m

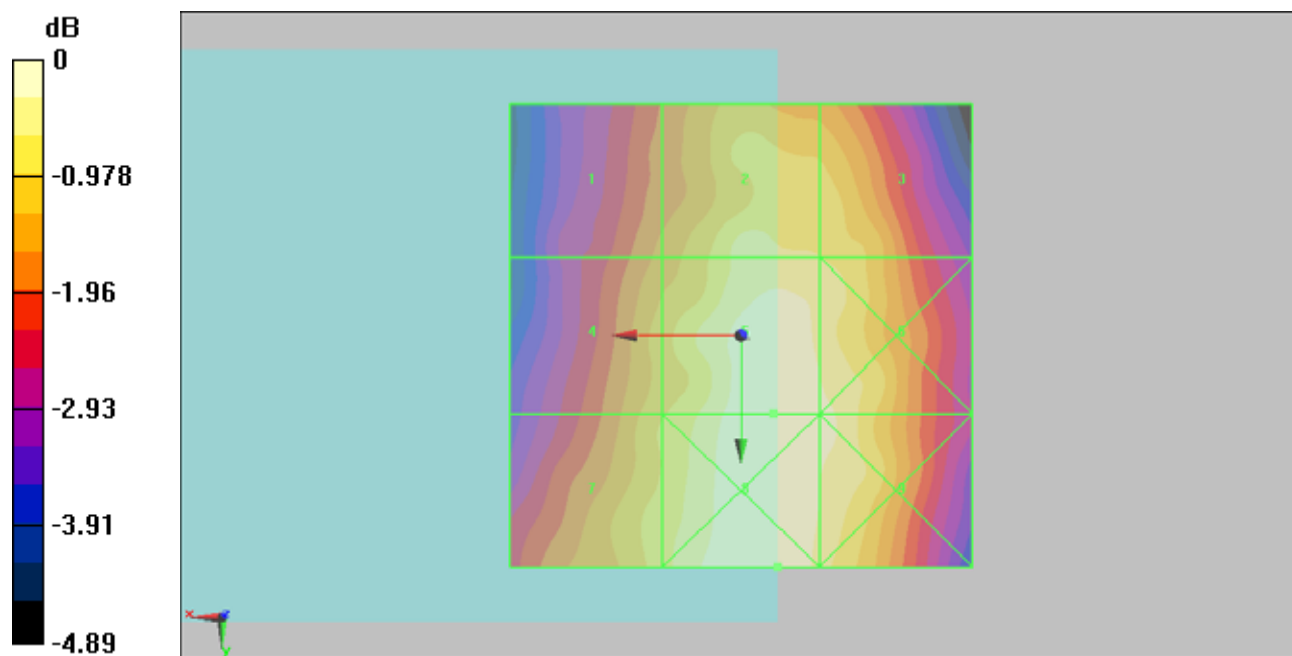
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>61.1 M4</b> | Grid 2<br><b>68.6 M4</b> | Grid 3<br><b>67.4 M4</b> |
| Grid 4<br><b>64.7 M4</b> | Grid 5<br><b>72.6 M4</b> | Grid 6<br><b>71.1 M4</b> |
| Grid 7<br><b>66.5 M4</b> | Grid 8<br><b>72.6 M4</b> | Grid 9<br><b>71.3 M4</b> |

**Cursor:**

Total = 72.6 V/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 72.6V/m

**#23 HAC\_E\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch384\_Battery2****DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 62.1 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.5 V/m; Power Drift = -0.061 dB

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

Peak E-field in V/m

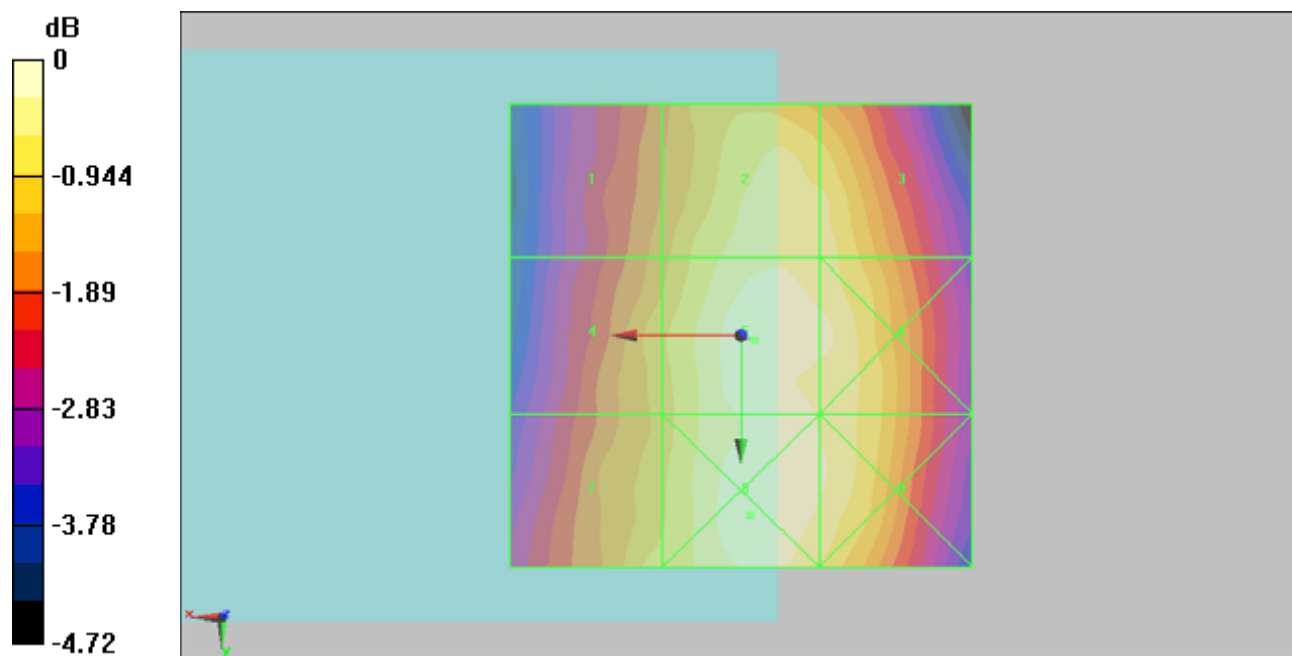
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>53.6 M4</b> | <b>60.3 M4</b> | <b>59.6 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>56 M4</b>   | <b>62.1 M4</b> | <b>61.2 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>57.5 M4</b> | <b>62.7 M4</b> | <b>60.9 M4</b> |

**Cursor:**

Total = 62.7 V/m

E Category: M4

Location: -1, 19.5, 8.7 mm



0 dB = 62.7V/m

**#24 HAC\_E\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch1013\_Battery2****DUT: 132949**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 68 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.7 V/m; Power Drift = 0.000103 dB

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

Peak E-field in V/m

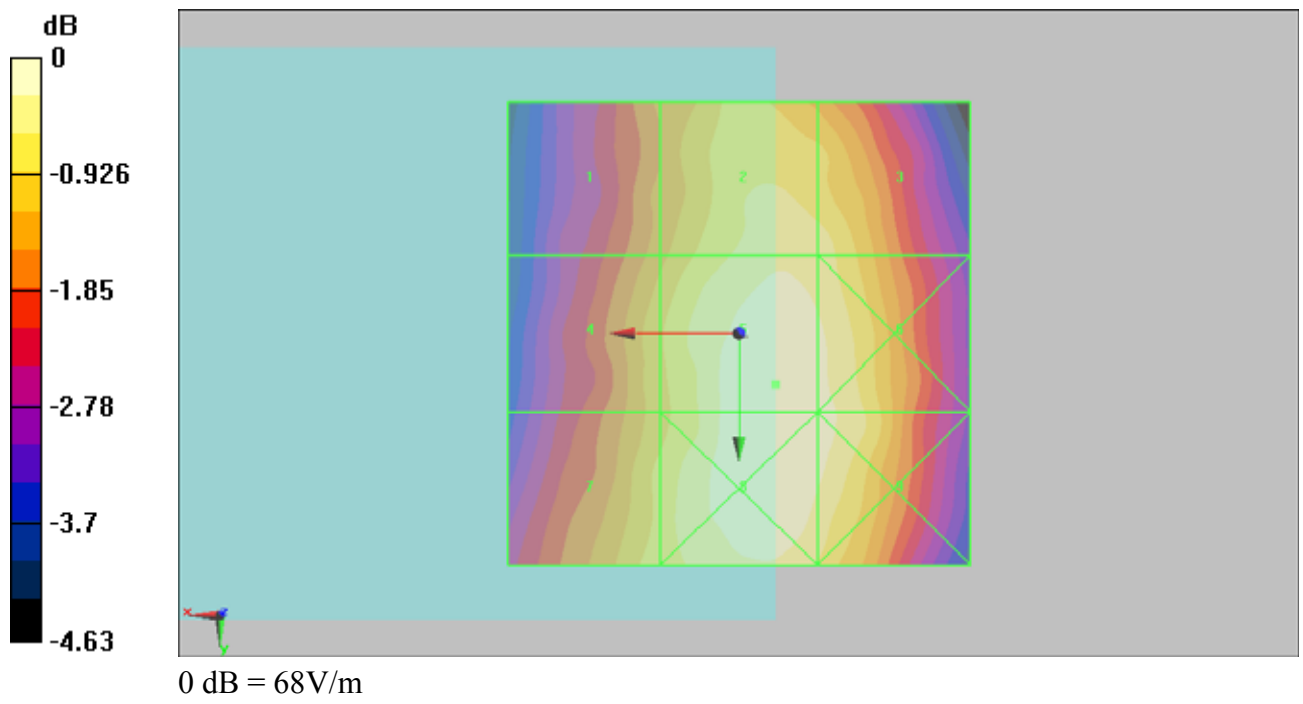
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>58.3 M4</b> | <b>65.4 M4</b> | <b>64.6 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>60.9 M4</b> | <b>68 M4</b>   | <b>66.7 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>62.4 M4</b> | <b>67.8 M4</b> | <b>66.8 M4</b> |

**Cursor:**

Total = 68 V/m

E Category: M4

Location: -4, 5.5, 8.7 mm



**#25 HAC\_E\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch777\_Battery2****DUT: 132949**

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: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 72.6 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.4 V/m; Power Drift = 0.143 dB

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

Peak E-field in V/m

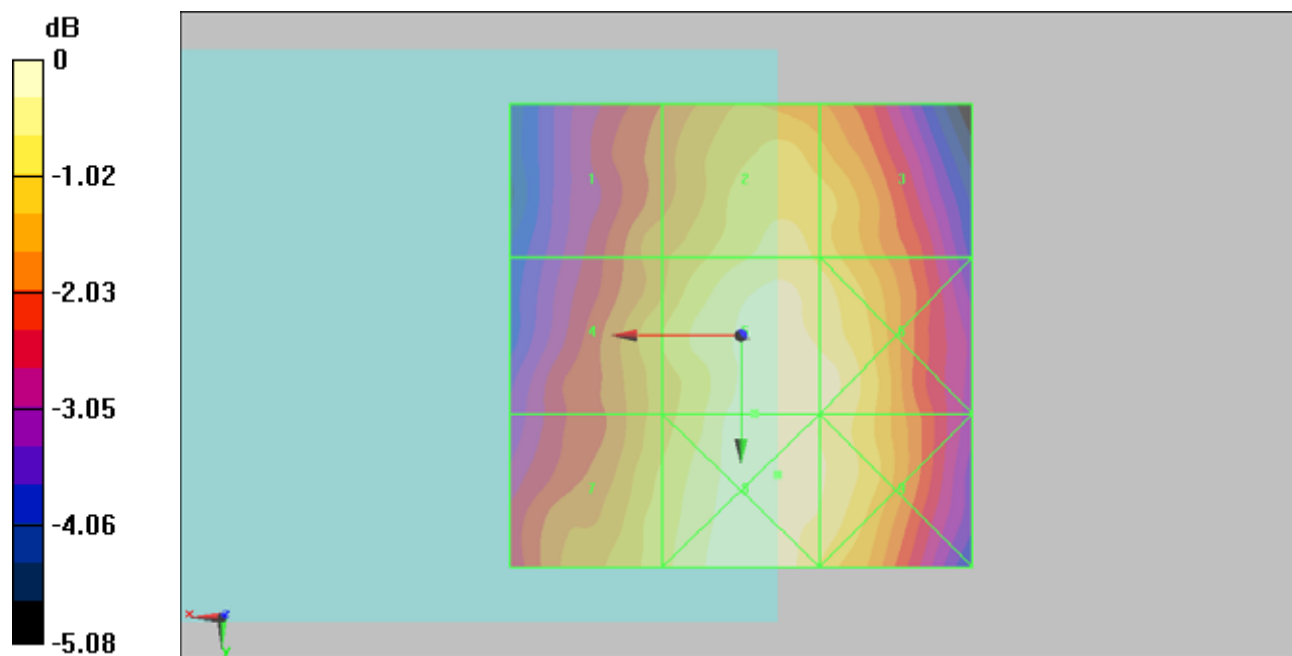
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>62.5 M4</b> | Grid 2<br><b>69.6 M4</b> | Grid 3<br><b>67.3 M4</b> |
| Grid 4<br><b>65.6 M4</b> | Grid 5<br><b>72.6 M4</b> | Grid 6<br><b>72.2 M4</b> |
| Grid 7<br><b>67.1 M4</b> | Grid 8<br><b>73.5 M4</b> | Grid 9<br><b>71.2 M4</b> |

**Cursor:**

Total = 73.5 V/m

E Category: M4

Location: -4, 15, 8.7 mm



0 dB = 73.5V/m

## #21 HAC\_E\_CDMA2000 BC10\_RC2\_SO17\_Voice\_Ch476\_Battery1

**DUT: 132949**

Communication System: CDMA ; Frequency: 817.9 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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch476/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 83.2 V/m

Probe Modulation Factor = 2.94

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.7 V/m; Power Drift = 0.207 dB

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

Peak E-field in V/m

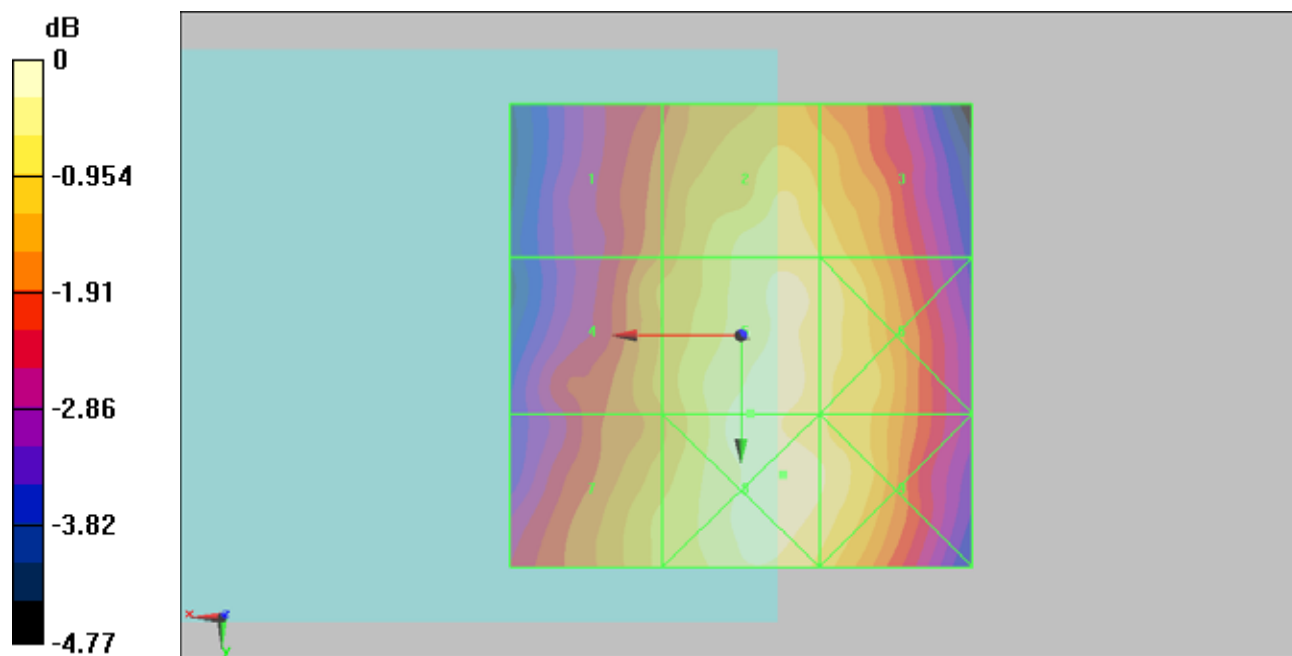
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>71 M4</b>   | Grid 2<br><b>80.8 M4</b> | Grid 3<br><b>78.7 M4</b> |
| Grid 4<br><b>74.1 M4</b> | Grid 5<br><b>83.2 M4</b> | Grid 6<br><b>80.8 M4</b> |
| Grid 7<br><b>76.6 M4</b> | Grid 8<br><b>84.5 M4</b> | Grid 9<br><b>82 M4</b>   |

**Cursor:**

Total = 84.5 V/m

E Category: M4

Location: -4.5, 15, 8.7 mm



0 dB = 84.5V/m

## #29 HAC\_E\_CDMA2000 BC10\_RC2\_SO17\_Voice\_Ch476\_Battery2

**DUT: 132949**

Communication System: CDMA ; Frequency: 817.9 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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch476/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 89.2 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.3 V/m; Power Drift = -0.051 dB

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

Peak E-field in V/m

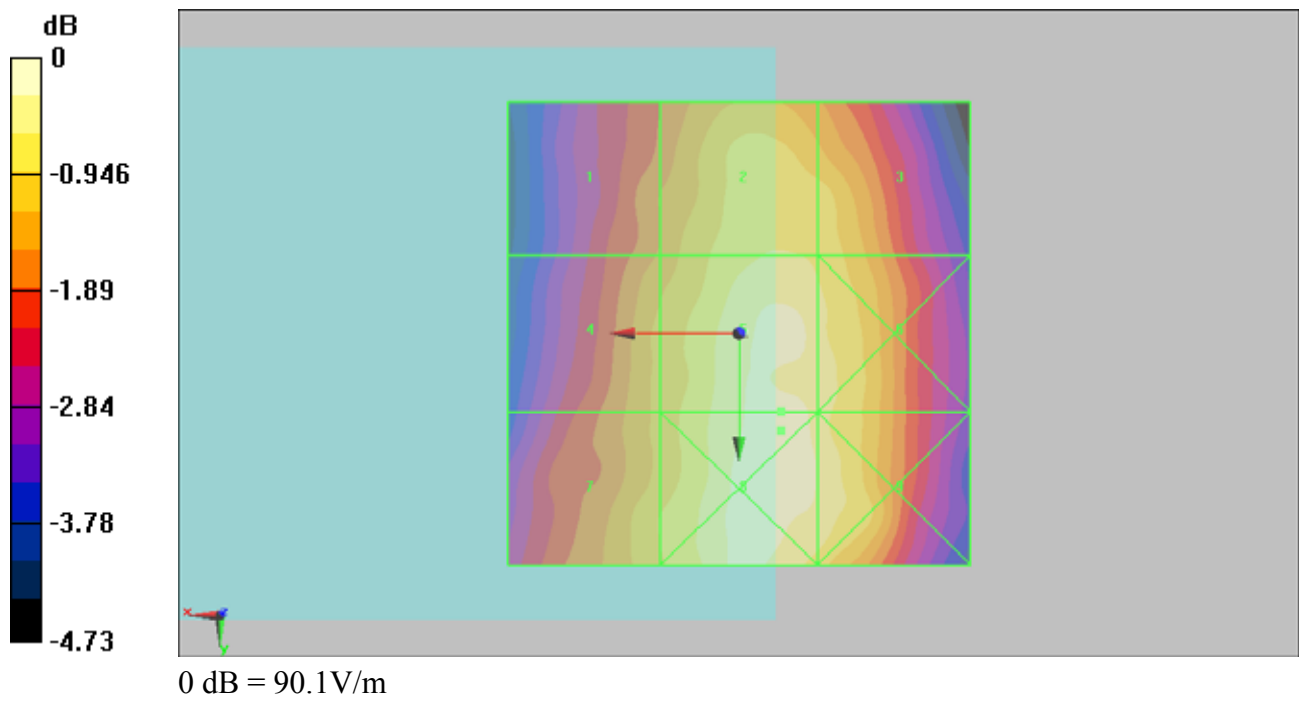
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>75.7 M4</b> | Grid 2<br><b>84.1 M4</b> | Grid 3<br><b>83.3 M4</b> |
| Grid 4<br><b>79 M4</b>   | Grid 5<br><b>89.2 M4</b> | Grid 6<br><b>85.7 M4</b> |
| Grid 7<br><b>81 M4</b>   | Grid 8<br><b>90.1 M4</b> | Grid 9<br><b>86.8 M4</b> |

**Cursor:**

Total = 90.1 V/m

E Category: M4

Location: -4.5, 10.5, 8.7 mm



**#18 HAC\_E\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch600\_Battery1****DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 36.3 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11 V/m; Power Drift = -0.111 dB

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

Peak E-field in V/m

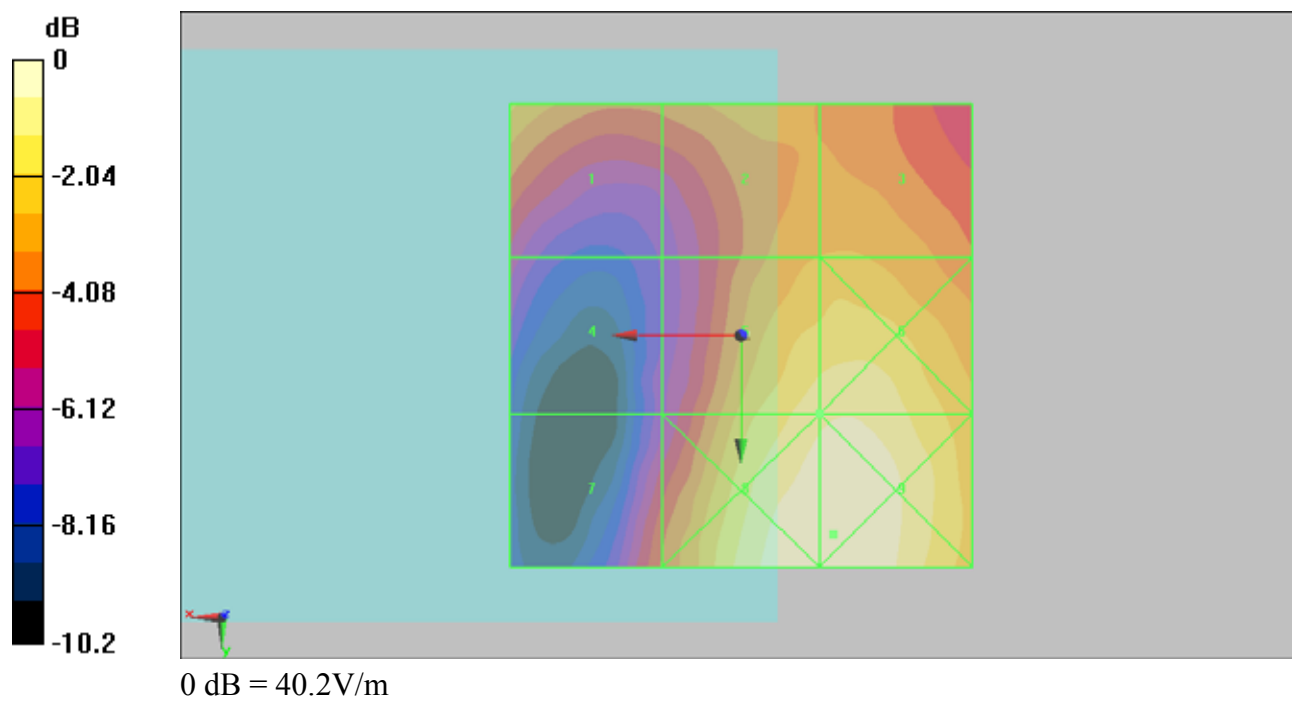
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>30.1 M4</b> | Grid 2<br><b>29.5 M4</b> | Grid 3<br><b>29.7 M4</b> |
| Grid 4<br><b>21.1 M4</b> | Grid 5<br><b>36.3 M4</b> | Grid 6<br><b>37.1 M4</b> |
| Grid 7<br><b>25.6 M4</b> | Grid 8<br><b>40 M4</b>   | Grid 9<br><b>40.2 M4</b> |

**Cursor:**

Total = 40.2 V/m

E Category: M4

Location: -10, 21.5, 8.7 mm



## #19 HAC\_E\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch25\_Battery1

**DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 41.8 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.3 V/m; Power Drift = 0.00988 dB

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

Peak E-field in V/m

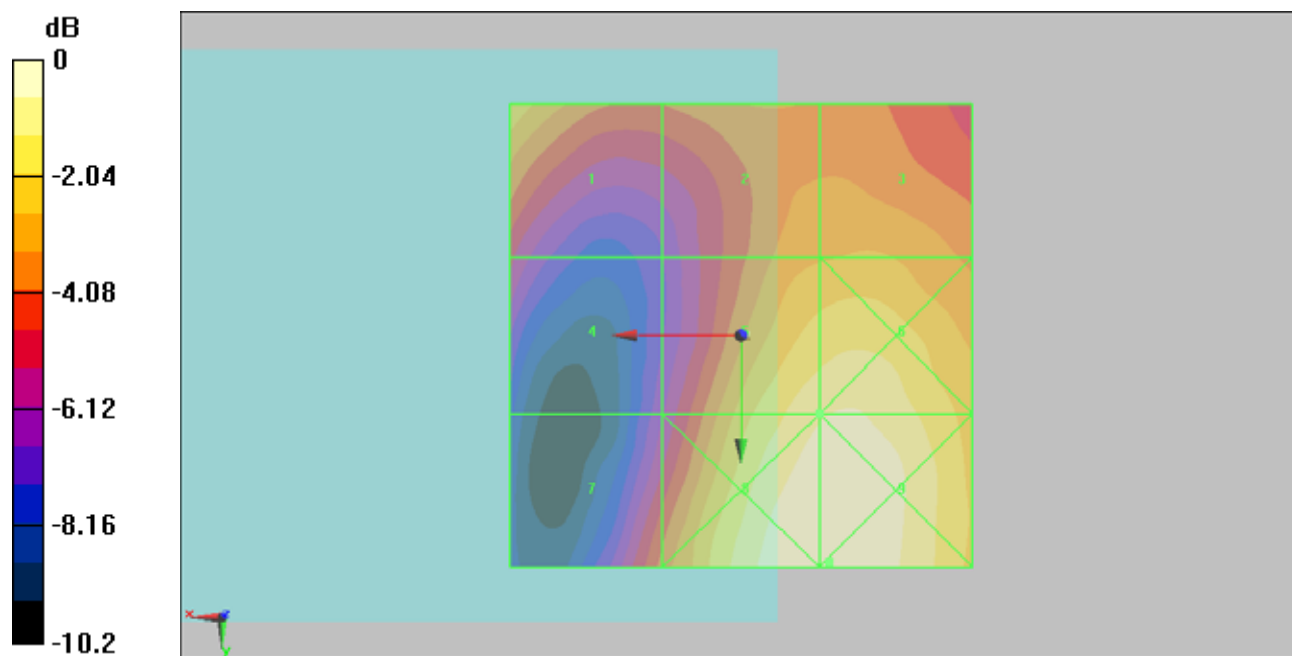
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>36.1 M4</b> | <b>33.1 M4</b> | <b>33.8 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>25.2 M4</b> | <b>41.8 M4</b> | <b>42.6 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>29.6 M4</b> | <b>45.6 M4</b> | <b>45.7 M4</b> |

**Cursor:**

Total = 45.7 V/m

E Category: M4

Location: -9.5, 24.5, 8.7 mm



0 dB = 45.7V/m

**#20 HAC\_E\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch1175\_Battery1****DUT: 132949**

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

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

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 36.2 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.8 V/m; Power Drift = -0.065 dB

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

Peak E-field in V/m

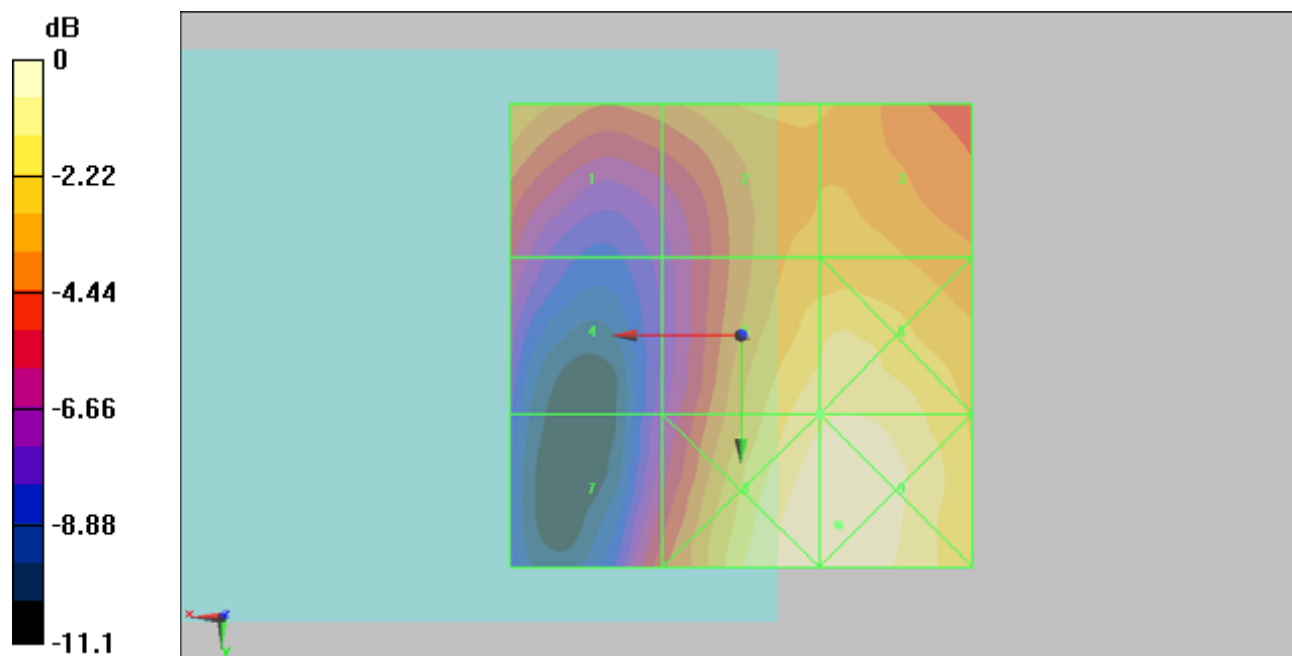
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>28.9 M4</b> | Grid 2<br><b>29.7 M4</b> | Grid 3<br><b>29.9 M4</b> |
| Grid 4<br><b>21.1 M4</b> | Grid 5<br><b>36.2 M4</b> | Grid 6<br><b>37 M4</b>   |
| Grid 7<br><b>23.7 M4</b> | Grid 8<br><b>39.8 M4</b> | Grid 9<br><b>40.3 M4</b> |

**Cursor:**

Total = 40.3 V/m

E Category: M4

Location: -10.5, 20.5, 8.7 mm



0 dB = 40.3V/m

**#26 HAC\_E\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch600\_Battery2****DUT: 132949**

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 : 22.7

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 36.9 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.2 V/m; Power Drift = -0.050 dB

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

Peak E-field in V/m

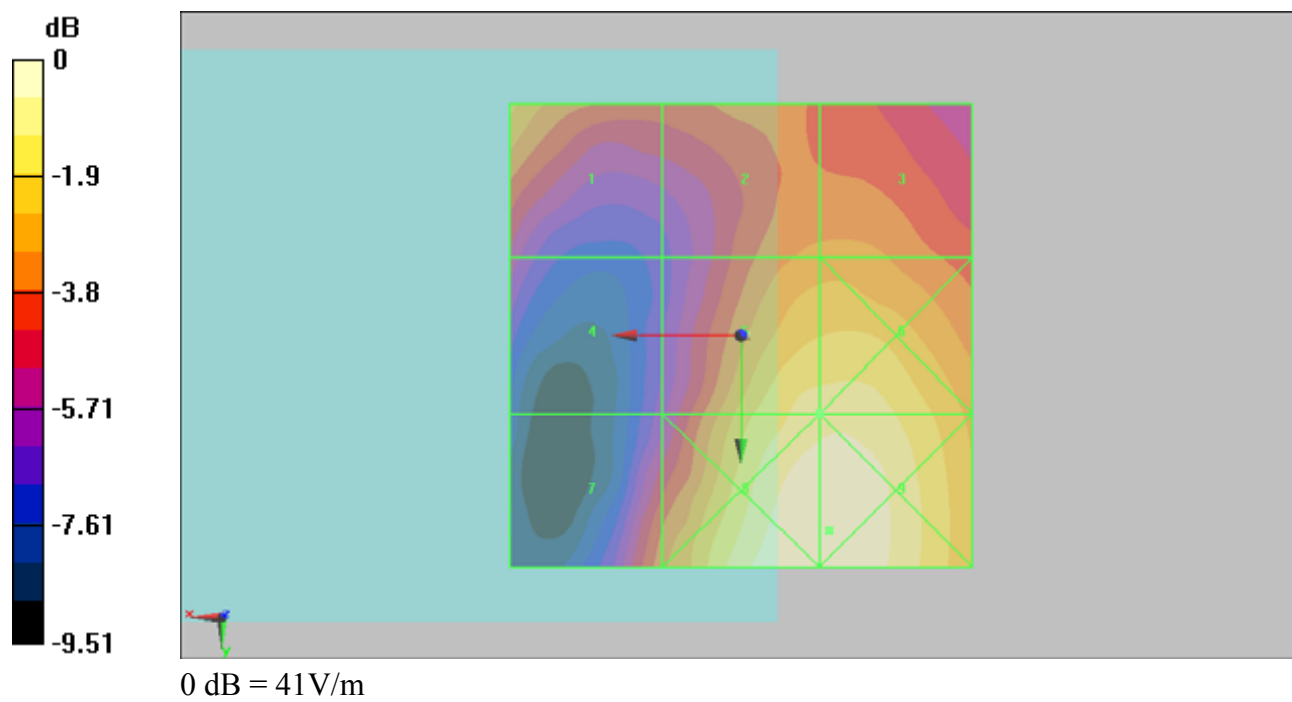
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>31.4 M4</b> | <b>29.2 M4</b> | <b>29.3 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>22.7 M4</b> | <b>36.9 M4</b> | <b>37.2 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>27.9 M4</b> | <b>40.9 M4</b> | <b>41 M4</b>   |

**Cursor:**

Total = 41 V/m

E Category: M4

Location: -9.5, 21, 8.7 mm



## #27 HAC\_E\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch25\_Battery2

**DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 41.8 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.5 V/m; Power Drift = 0.013 dB

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

Peak E-field in V/m

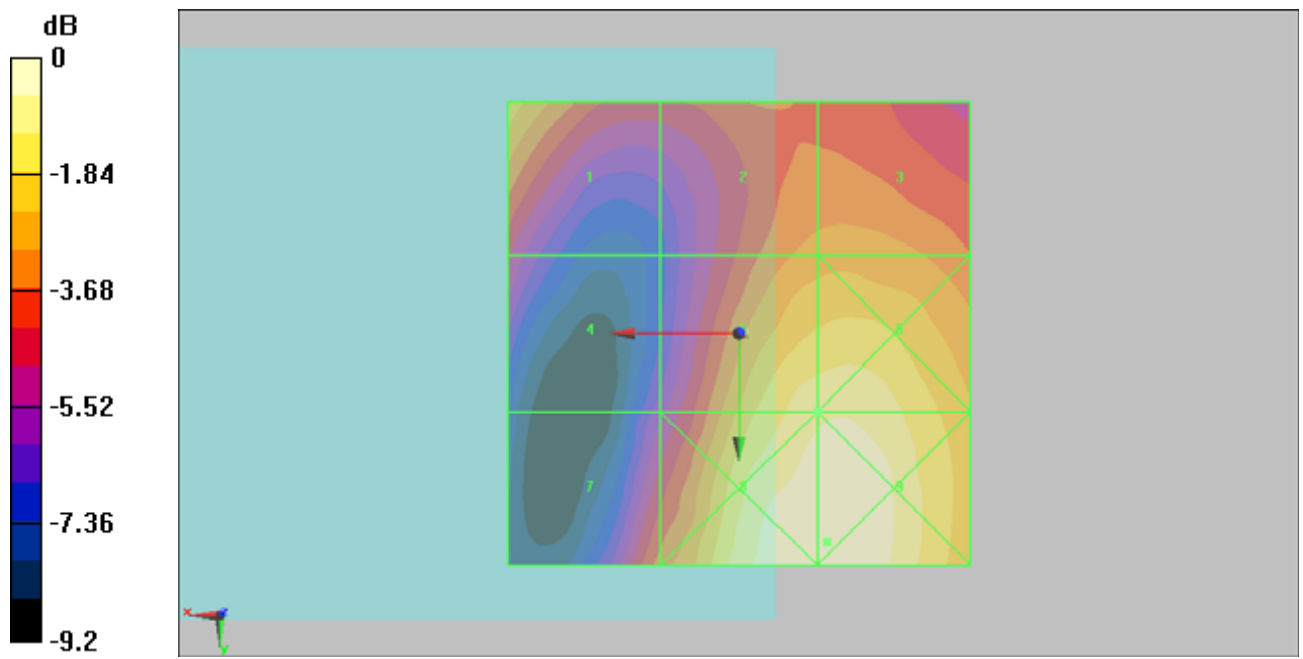
|                |                |                |
|----------------|----------------|----------------|
| Grid 1         | Grid 2         | Grid 3         |
| <b>36.1 M4</b> | <b>33.2 M4</b> | <b>33.6 M4</b> |
| Grid 4         | Grid 5         | Grid 6         |
| <b>26.6 M4</b> | <b>41.8 M4</b> | <b>42.3 M4</b> |
| Grid 7         | Grid 8         | Grid 9         |
| <b>31.1 M4</b> | <b>45.6 M4</b> | <b>45.7 M4</b> |

**Cursor:**

Total = 45.7 V/m

E Category: M4

Location: -9.5, 22.5, 8.7 mm



0 dB = 45.7V/m

**#28 HAC\_E\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch1175\_Battery2****DUT: 132949**

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: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 37.1 V/m

Probe Modulation Factor = 3.12

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11 V/m; Power Drift = 0.072 dB

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

Peak E-field in V/m

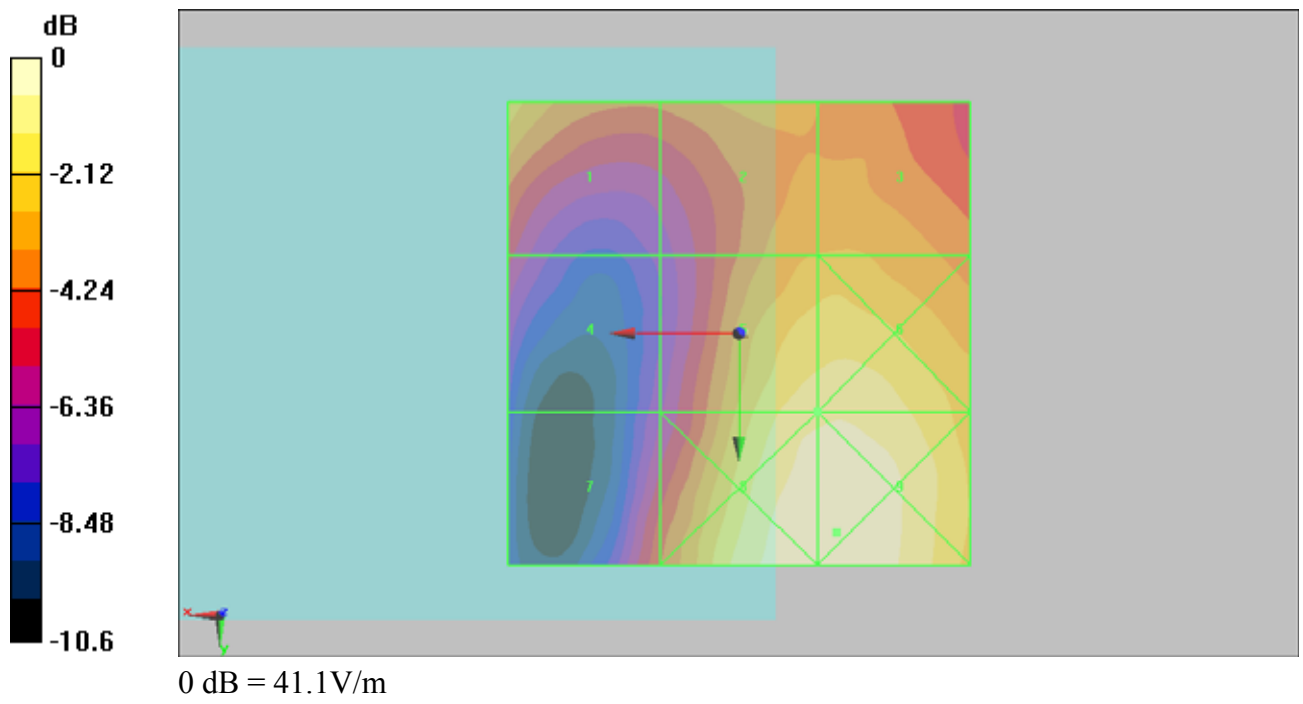
|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Grid 1<br><b>31.5 M4</b> | Grid 2<br><b>29.8 M4</b> | Grid 3<br><b>30 M4</b>   |
| Grid 4<br><b>22.3 M4</b> | Grid 5<br><b>37.1 M4</b> | Grid 6<br><b>37.5 M4</b> |
| Grid 7<br><b>25.3 M4</b> | Grid 8<br><b>40.9 M4</b> | Grid 9<br><b>41.1 M4</b> |

**Cursor:**

Total = 41.1 V/m

E Category: M4

Location: -10.5, 21.5, 8.7 mm



## #31 HAC\_H\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch384\_Battery1

**DUT: 132949**

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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.136 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.030 A/m; Power Drift = -0.044 dB

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

Peak H-field in A/m

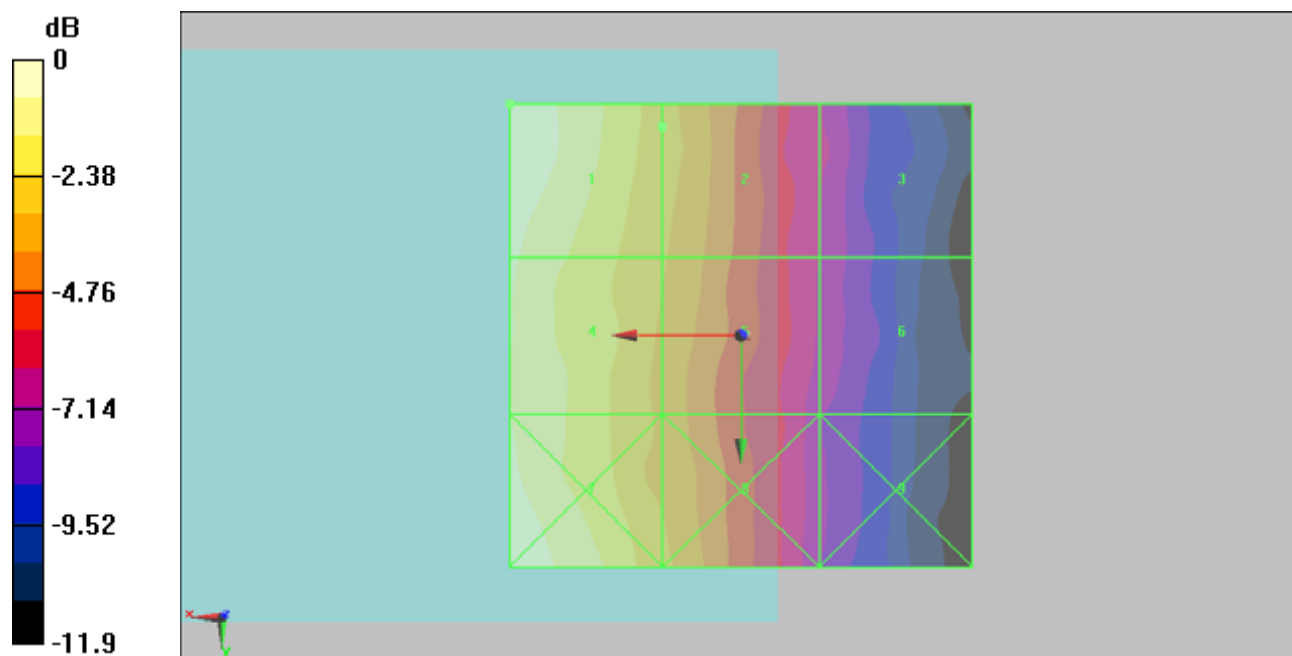
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.136 M4</b> | Grid 2<br><b>0.098 M4</b> | Grid 3<br><b>0.062 M4</b> |
| Grid 4<br><b>0.127 M4</b> | Grid 5<br><b>0.095 M4</b> | Grid 6<br><b>0.060 M4</b> |
| Grid 7<br><b>0.134 M4</b> | Grid 8<br><b>0.097 M4</b> | Grid 9<br><b>0.056 M4</b> |

**Cursor:**

Total = 0.136 A/m

H Category: M4

Location: 25, -25, 8.7 mm



**#32 HAC\_H\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch1013\_Battery1****DUT: 132949**

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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 0.136 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.030 A/m; Power Drift = 0.154 dB

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

Peak H-field in A/m

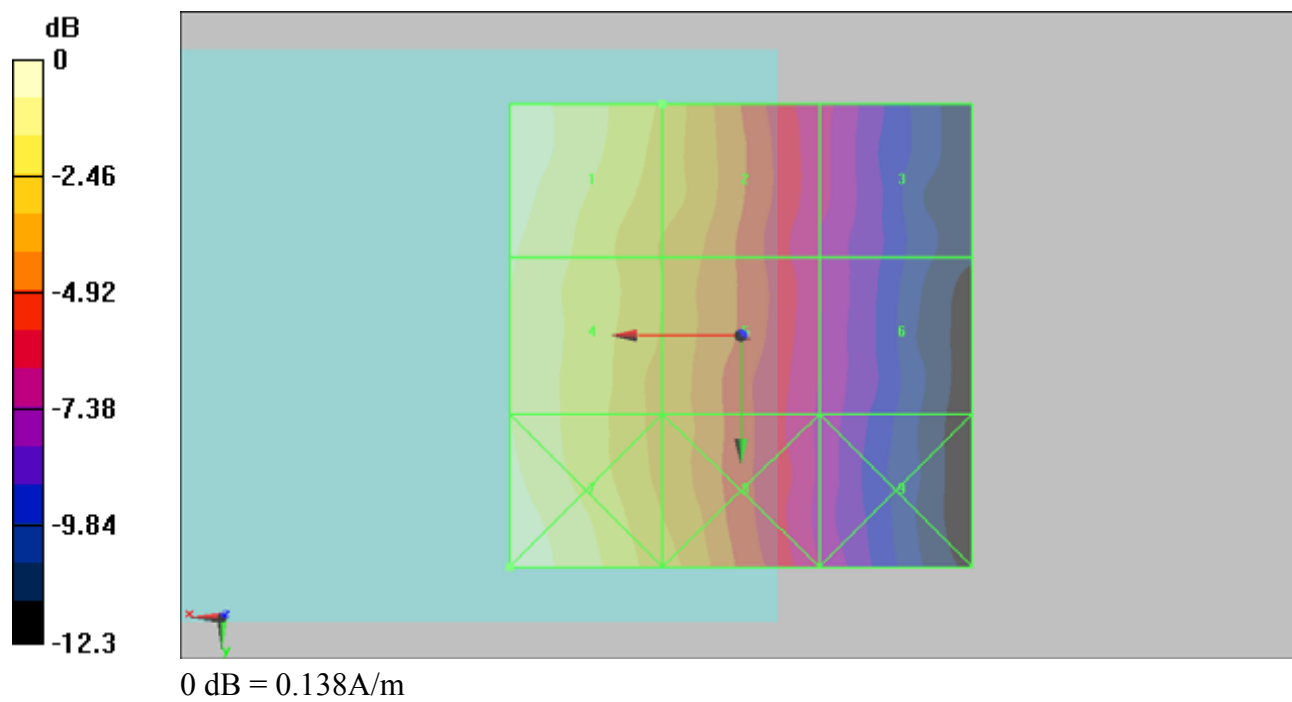
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.136 M4</b> | Grid 2<br><b>0.102 M4</b> | Grid 3<br><b>0.062 M4</b> |
| Grid 4<br><b>0.127 M4</b> | Grid 5<br><b>0.095 M4</b> | Grid 6<br><b>0.060 M4</b> |
| Grid 7<br><b>0.138 M4</b> | Grid 8<br><b>0.099 M4</b> | Grid 9<br><b>0.060 M4</b> |

**Cursor:**

Total = 0.138 A/m

H Category: M4

Location: 25, 25, 8.7 mm



## #33 HAC\_H\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch777\_Battery1

**DUT: 132949**

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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.158 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.034 A/m; Power Drift = -0.044 dB

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

Peak H-field in A/m

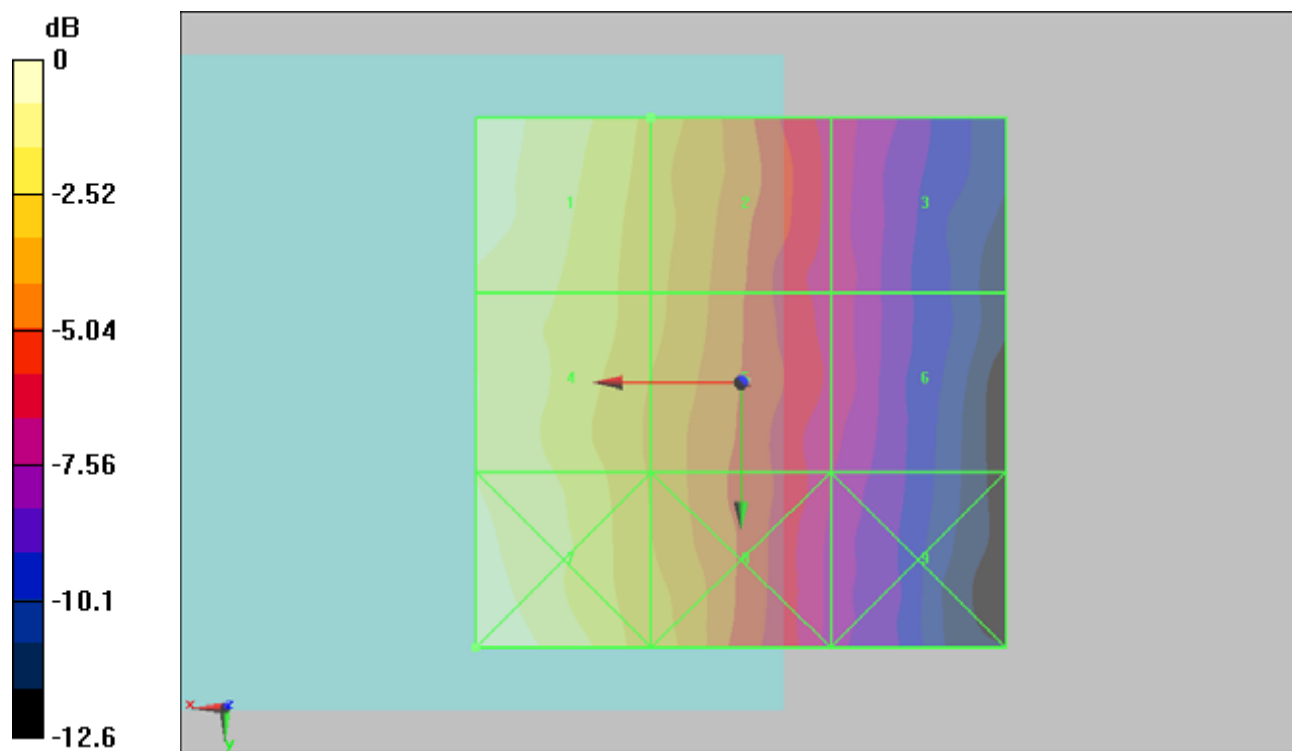
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.158 M4</b> | Grid 2<br><b>0.115 M4</b> | Grid 3<br><b>0.071 M4</b> |
| Grid 4<br><b>0.144 M4</b> | Grid 5<br><b>0.111 M4</b> | Grid 6<br><b>0.072 M4</b> |
| Grid 7<br><b>0.158 M4</b> | Grid 8<br><b>0.112 M4</b> | Grid 9<br><b>0.067 M4</b> |

**Cursor:**

Total = 0.158 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.158A/m

## #39 HAC\_H\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch384\_Battery2

**DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.134 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.029 A/m; Power Drift = 0.018 dB

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

Peak H-field in A/m

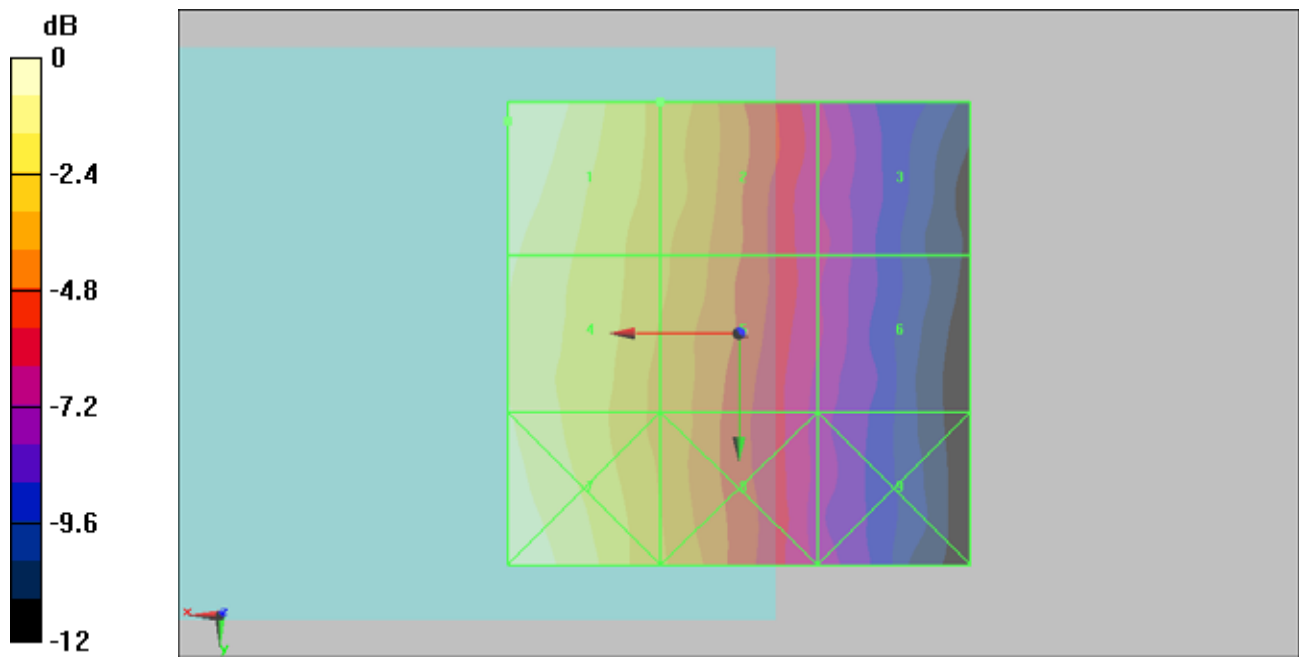
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.134 M4</b> | Grid 2<br><b>0.099 M4</b> | Grid 3<br><b>0.062 M4</b> |
| Grid 4<br><b>0.125 M4</b> | Grid 5<br><b>0.095 M4</b> | Grid 6<br><b>0.061 M4</b> |
| Grid 7<br><b>0.131 M4</b> | Grid 8<br><b>0.094 M4</b> | Grid 9<br><b>0.058 M4</b> |

**Cursor:**

Total = 0.134 A/m

H Category: M4

Location: 25, -23, 8.7 mm



0 dB = 0.134A/m

**#40 HAC\_H\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch1013\_Battery2****DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 0.139 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.031 A/m; Power Drift = -0.180 dB

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

Peak H-field in A/m

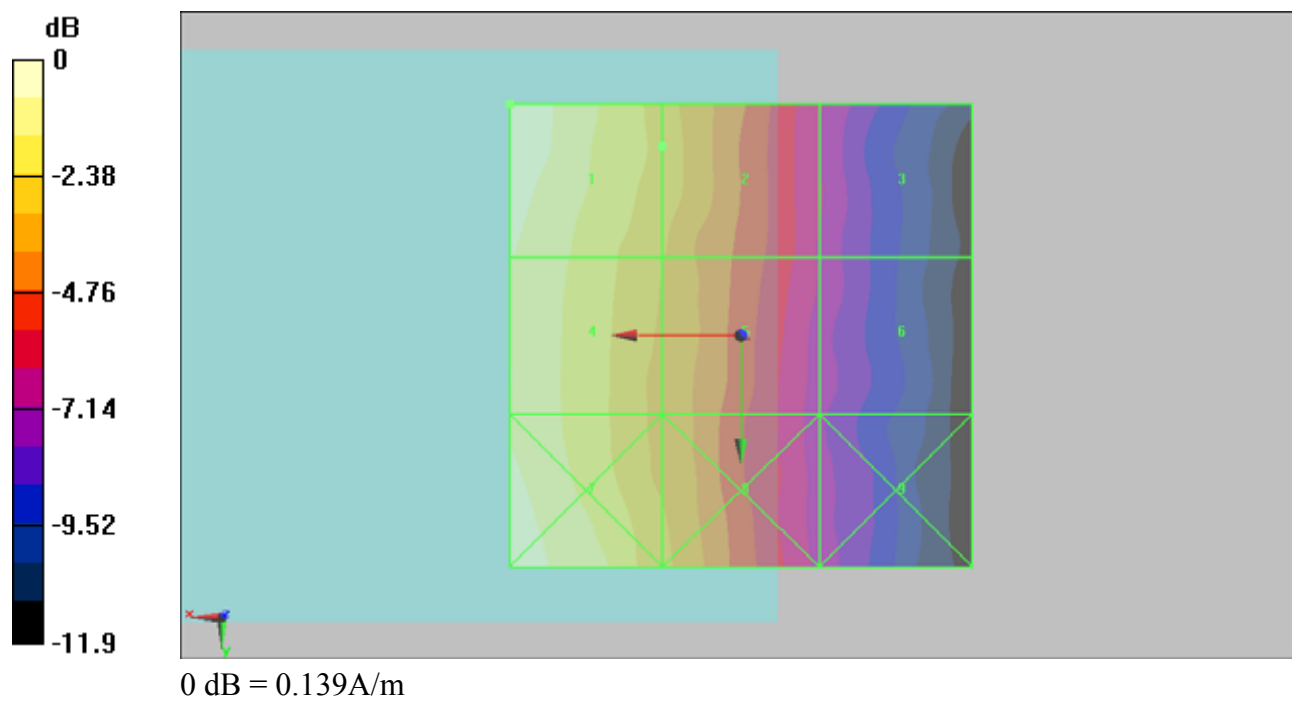
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.139 M4</b> | Grid 2<br><b>0.102 M4</b> | Grid 3<br><b>0.062 M4</b> |
| Grid 4<br><b>0.128 M4</b> | Grid 5<br><b>0.097 M4</b> | Grid 6<br><b>0.061 M4</b> |
| Grid 7<br><b>0.138 M4</b> | Grid 8<br><b>0.099 M4</b> | Grid 9<br><b>0.060 M4</b> |

**Cursor:**

Total = 0.139 A/m

H Category: M4

Location: 25, -25, 8.7 mm



## #41 HAC\_H\_CDMA2000 BC0\_RC2\_SO17\_Voice\_Ch777\_Battery2

**DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.158 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.034 A/m; Power Drift = -0.144 dB

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

Peak H-field in A/m

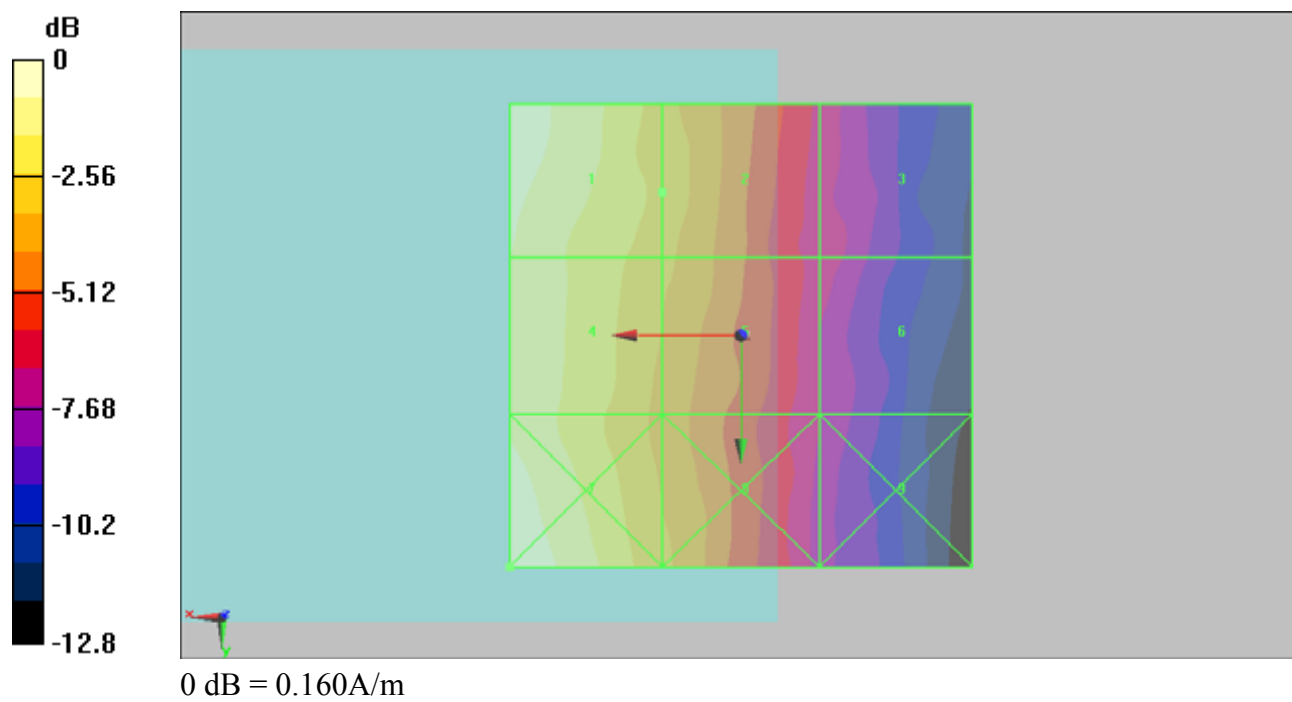
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.158 M4</b> | Grid 2<br><b>0.115 M4</b> | Grid 3<br><b>0.072 M4</b> |
| Grid 4<br><b>0.145 M4</b> | Grid 5<br><b>0.111 M4</b> | Grid 6<br><b>0.071 M4</b> |
| Grid 7<br><b>0.160 M4</b> | Grid 8<br><b>0.111 M4</b> | Grid 9<br><b>0.066 M4</b> |

**Cursor:**

Total = 0.160 A/m

H Category: M4

Location: 25, 25, 8.7 mm



**#37 HAC\_H\_CDMA2000 BC10\_RC2\_SO17\_Voice\_Ch476\_Battery1****DUT: 132949**

Communication System: CDMA ; Frequency: 817.9 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: 2011/1/25

- Sensor-Surface: (Fix Surface)

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

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

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

**Ch476/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.177 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.038 A/m; Power Drift = 0.162 dB

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

Peak H-field in A/m

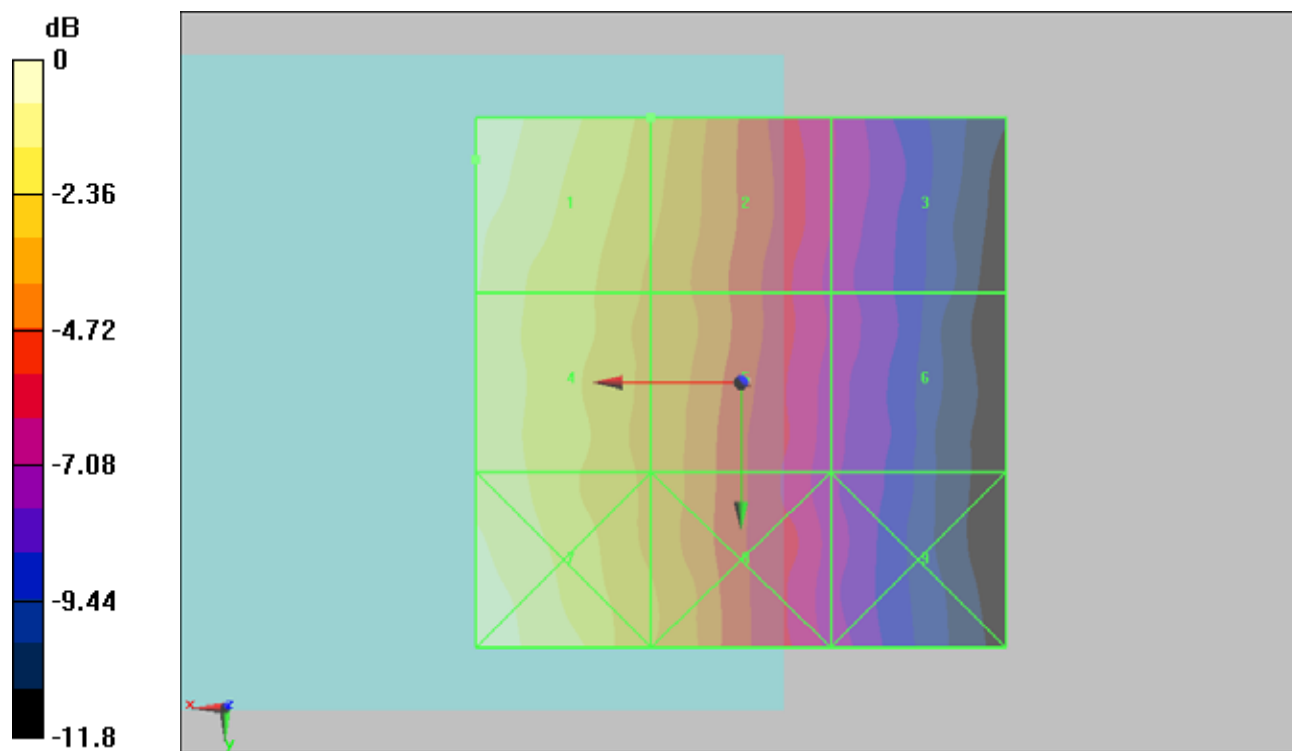
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.177 M4</b> | Grid 2<br><b>0.130 M4</b> | Grid 3<br><b>0.080 M4</b> |
| Grid 4<br><b>0.162 M4</b> | Grid 5<br><b>0.121 M4</b> | Grid 6<br><b>0.078 M4</b> |
| Grid 7<br><b>0.176 M4</b> | Grid 8<br><b>0.125 M4</b> | Grid 9<br><b>0.077 M4</b> |

**Cursor:**

Total = 0.177 A/m

H Category: M4

Location: 25, -21, 8.7 mm



0 dB = 0.177A/m

**#45 HAC\_H\_CDMA2000 BC10\_RC2\_SO17\_Voice\_Ch476\_Battery2****DUT: 132949**

Communication System: CDMA ; Frequency: 817.9 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: 2011/1/25

- Sensor-Surface: (Fix Surface)

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

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

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

**Ch476/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.174 A/m

Probe Modulation Factor = 2.71

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.038 A/m; Power Drift = -0.049 dB

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

Peak H-field in A/m

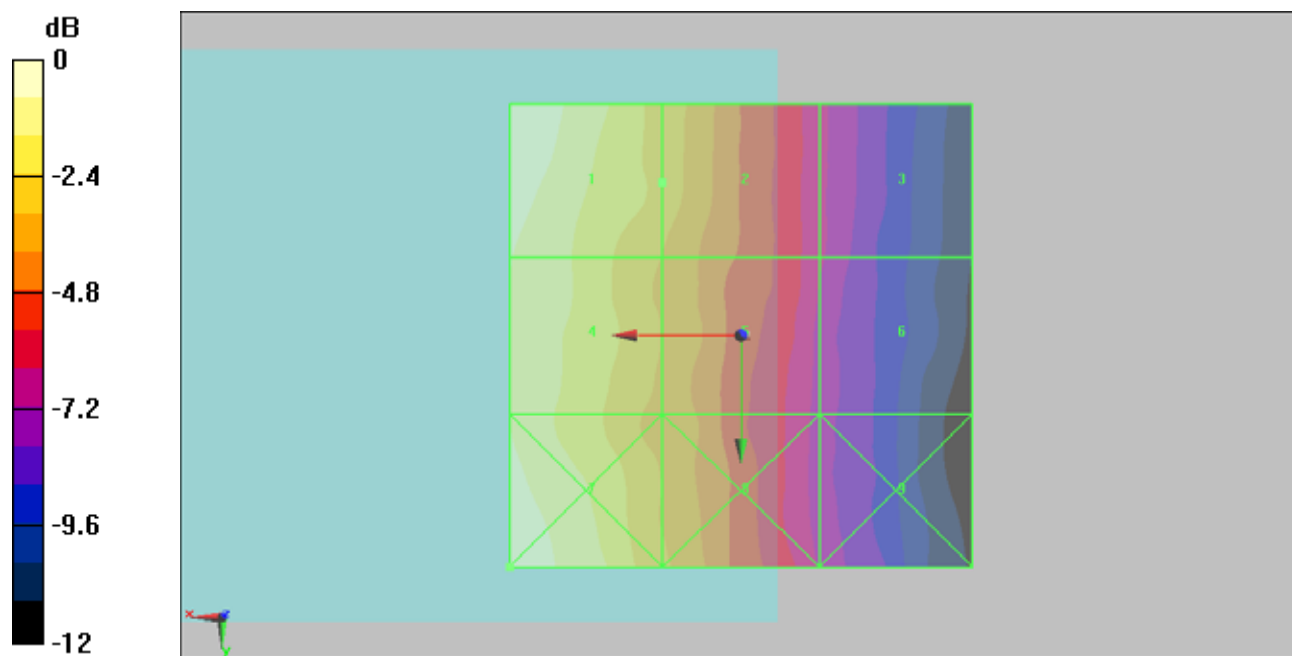
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.174 M4</b> | Grid 2<br><b>0.128 M4</b> | Grid 3<br><b>0.079 M4</b> |
| Grid 4<br><b>0.160 M4</b> | Grid 5<br><b>0.121 M4</b> | Grid 6<br><b>0.078 M4</b> |
| Grid 7<br><b>0.175 M4</b> | Grid 8<br><b>0.123 M4</b> | Grid 9<br><b>0.076 M4</b> |

**Cursor:**

Total = 0.175 A/m

H Category: M4

Location: 25, 25, 8.7 mm



## #34 HAC\_H\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch600\_Battery1

**DUT: 132949**

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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25

- Sensor-Surface: (Fix Surface)

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

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

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

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

Maximum value of peak Total field = 0.089 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.033 A/m; Power Drift = -0.051 dB

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

Peak H-field in A/m

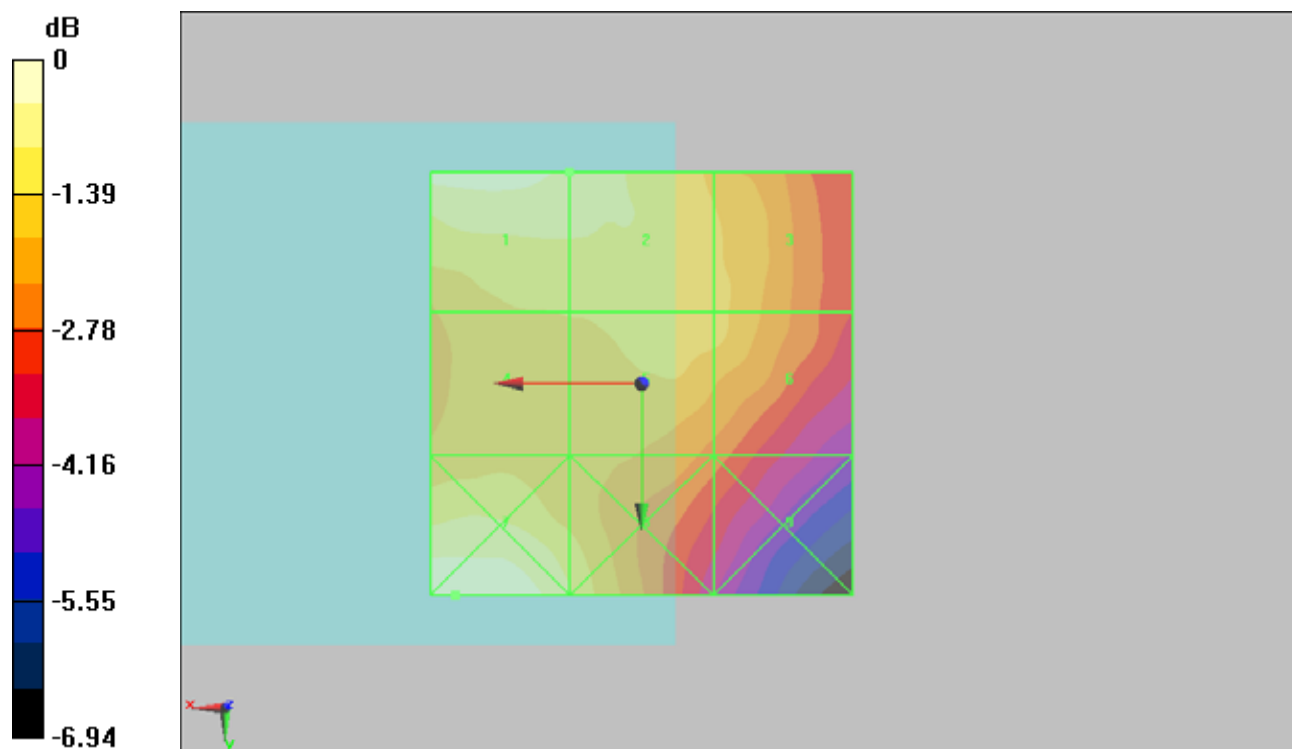
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.089 M4</b> | Grid 2<br><b>0.087 M4</b> | Grid 3<br><b>0.080 M4</b> |
| Grid 4<br><b>0.079 M4</b> | Grid 5<br><b>0.082 M4</b> | Grid 6<br><b>0.080 M4</b> |
| Grid 7<br><b>0.092 M4</b> | Grid 8<br><b>0.083 M4</b> | Grid 9<br><b>0.069 M4</b> |

**Cursor:**

Total = 0.092 A/m

H Category: M4

Location: 22, 25, 8.7 mm



**#35 HAC\_H\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch25\_Battery1****DUT: 132949**

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 : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25

- Sensor-Surface: (Fix Surface)

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

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

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

**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 = 0.037 A/m; Power Drift = -0.204 dB

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

Peak H-field in A/m

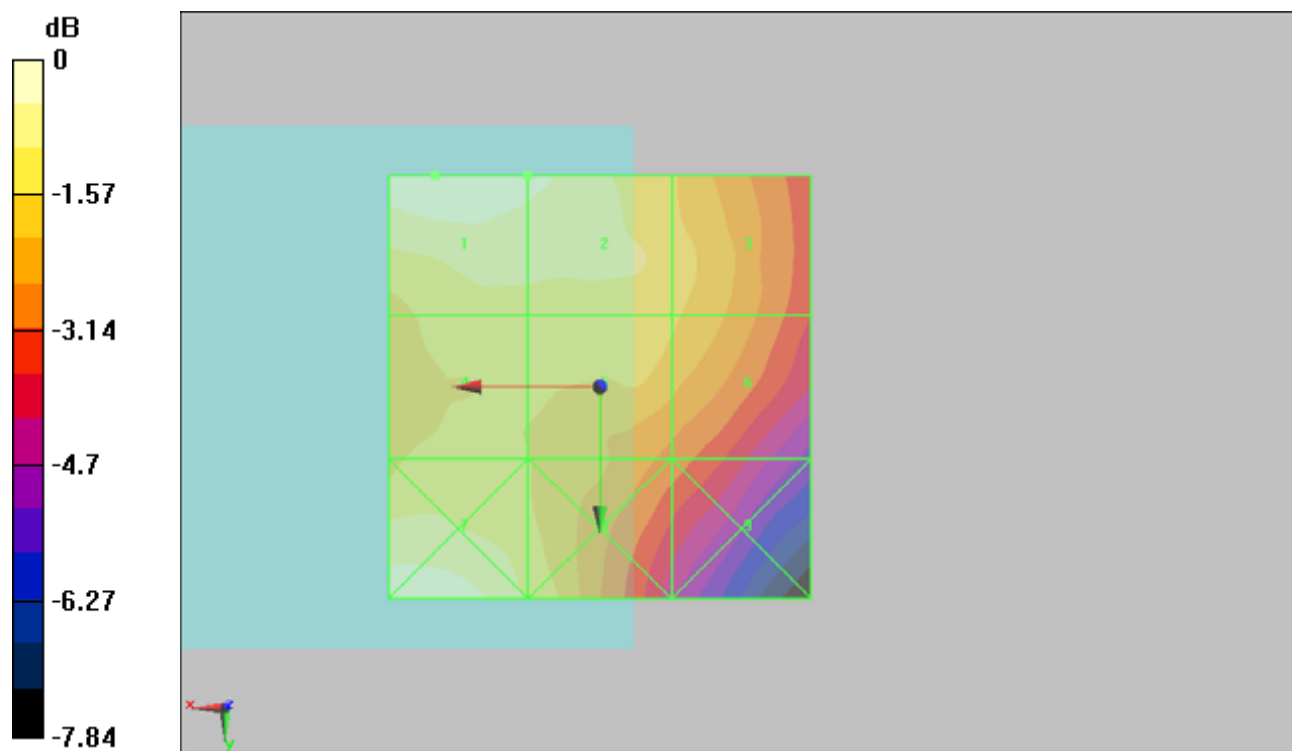
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.107 M4</b> | Grid 2<br><b>0.102 M4</b> | Grid 3<br><b>0.092 M4</b> |
| Grid 4<br><b>0.093 M4</b> | Grid 5<br><b>0.093 M4</b> | Grid 6<br><b>0.090 M4</b> |
| Grid 7<br><b>0.106 M4</b> | Grid 8<br><b>0.094 M4</b> | Grid 9<br><b>0.078 M4</b> |

**Cursor:**

Total = 0.107 A/m

H Category: M4

Location: 19.5, -25, 8.7 mm



0 dB = 0.107A/m

**#36 HAC\_H\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch1175\_Battery1****DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.093 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.033 A/m; Power Drift = 0.074 dB

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

Peak H-field in A/m

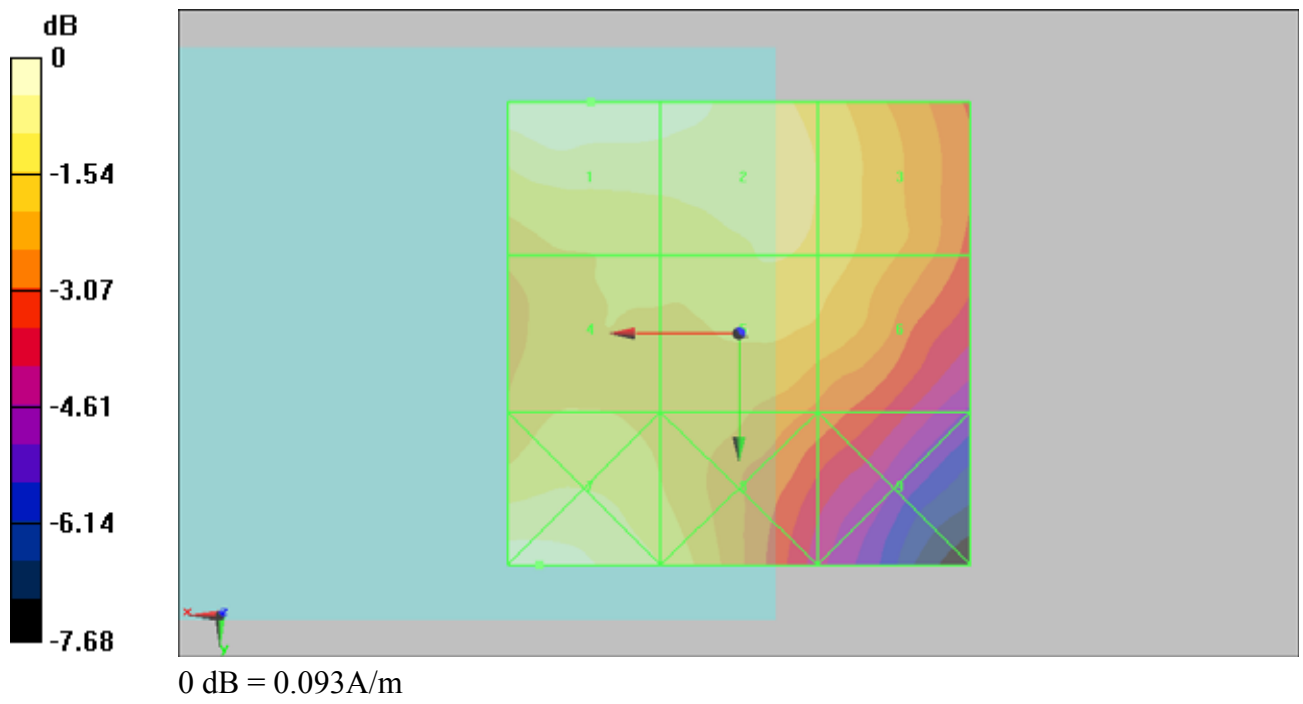
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.093 M4</b> | Grid 2<br><b>0.091 M4</b> | Grid 3<br><b>0.083 M4</b> |
| Grid 4<br><b>0.079 M4</b> | Grid 5<br><b>0.083 M4</b> | Grid 6<br><b>0.081 M4</b> |
| Grid 7<br><b>0.092 M4</b> | Grid 8<br><b>0.083 M4</b> | Grid 9<br><b>0.068 M4</b> |

**Cursor:**

Total = 0.093 A/m

H Category: M4

Location: 16, -25, 8.7 mm



## #42 HAC\_H\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch600\_Battery2

**DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.090 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.032 A/m; Power Drift = -0.123 dB

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

Peak H-field in A/m

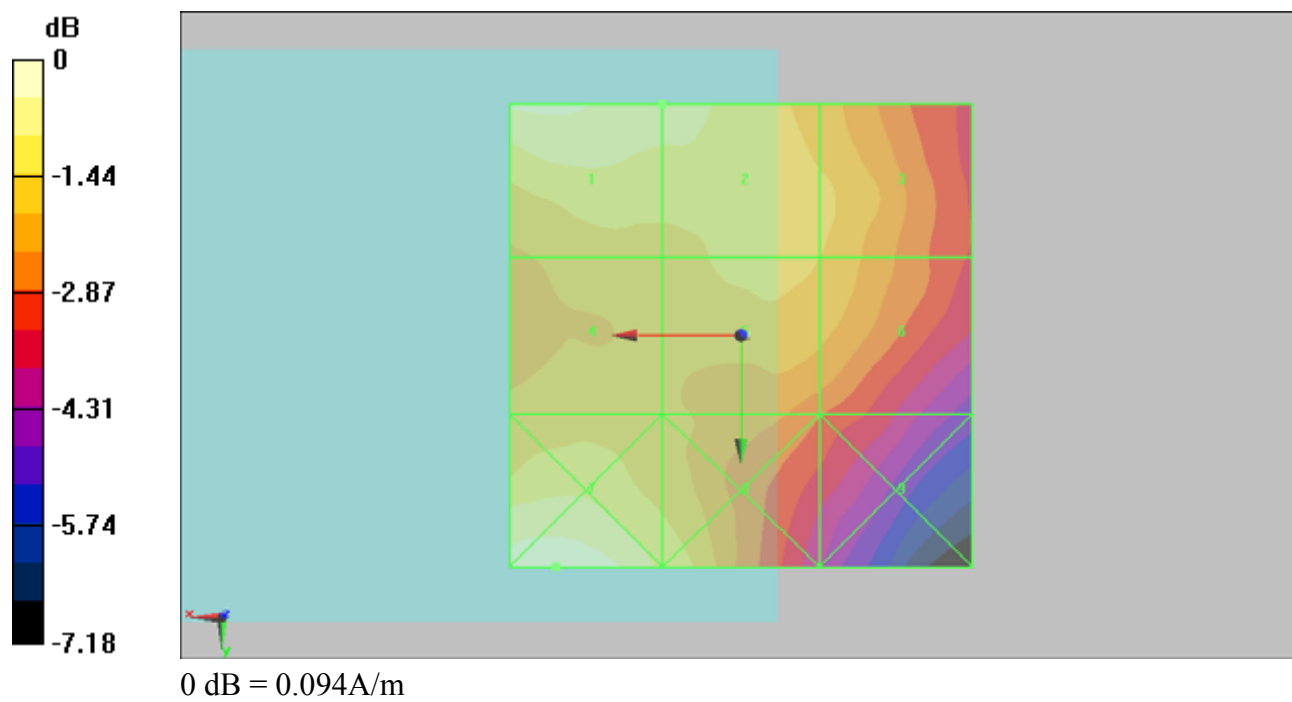
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.090 M4</b> | Grid 2<br><b>0.087 M4</b> | Grid 3<br><b>0.081 M4</b> |
| Grid 4<br><b>0.079 M4</b> | Grid 5<br><b>0.082 M4</b> | Grid 6<br><b>0.080 M4</b> |
| Grid 7<br><b>0.094 M4</b> | Grid 8<br><b>0.083 M4</b> | Grid 9<br><b>0.068 M4</b> |

**Cursor:**

Total = 0.094 A/m

H Category: M4

Location: 20, 25, 8.7 mm



## #43 HAC\_H\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch25\_Battery2

**DUT: 132949**

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 : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**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 = 0.036 A/m; Power Drift = 0.124 dB

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

Peak H-field in A/m

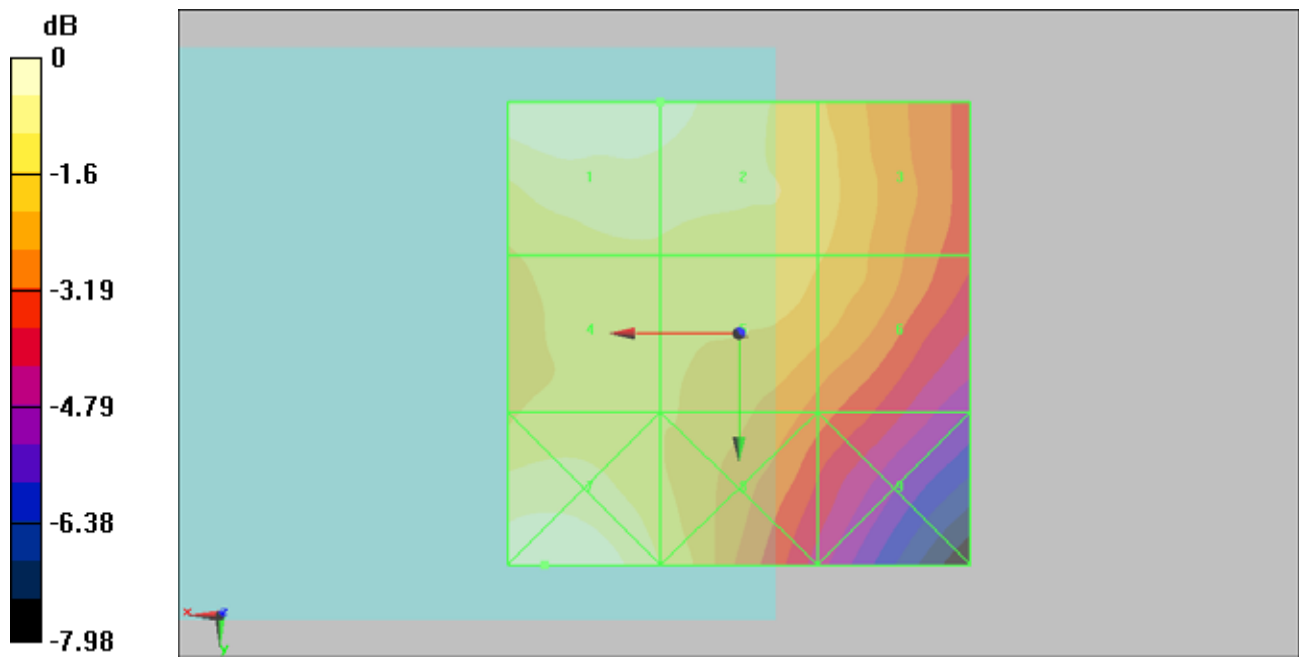
|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.107 M4</b> | Grid 2<br><b>0.104 M4</b> | Grid 3<br><b>0.092 M4</b> |
| Grid 4<br><b>0.094 M4</b> | Grid 5<br><b>0.093 M4</b> | Grid 6<br><b>0.090 M4</b> |
| Grid 7<br><b>0.107 M4</b> | Grid 8<br><b>0.095 M4</b> | Grid 9<br><b>0.077 M4</b> |

**Cursor:**

Total = 0.107 A/m

H Category: M4

Location: 21, 25, 8.7 mm



0 dB = 0.107A/m

## #44 HAC\_H\_CDMA2000 BC1\_RC2\_SO17\_Voice\_Ch1175\_Battery2

**DUT: 132949**

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 : 22.7

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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

Maximum value of peak Total field = 0.094 A/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.033 A/m; Power Drift = -0.130 dB

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

Peak H-field in A/m

|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| Grid 1<br><b>0.094 M4</b> | Grid 2<br><b>0.091 M4</b> | Grid 3<br><b>0.083 M4</b> |
| Grid 4<br><b>0.080 M4</b> | Grid 5<br><b>0.084 M4</b> | Grid 6<br><b>0.081 M4</b> |
| Grid 7<br><b>0.091 M4</b> | Grid 8<br><b>0.083 M4</b> | Grid 9<br><b>0.068 M4</b> |

**Cursor:**

Total = 0.094 A/m

H Category: M4

Location: 15.5, -25, 8.7 mm

