## #10 HAC_E CDMA2000 BC0_RC3+SO3_Voice_Ch384_Sampe1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.7 ℃

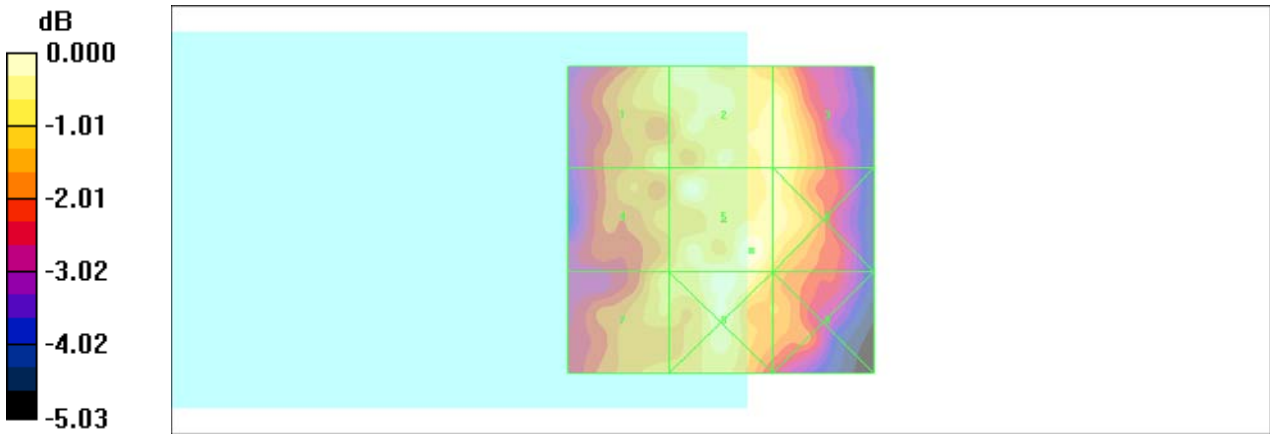
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 112.8 V/m
Probe Modulation Factor = 0.97
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 133.9 V/m; Power Drift = -0.105 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **103.8 M4** | Grid 2 **108.1 M4** | Grid 3 **108.3 M4** |
| Grid 4 **100.9 M4** | Grid 5 **112.8 M4** | Grid 6 **107.3 M4** |
| Grid 7 **102.5 M4** | Grid 8 **111.1 M4** | Grid 9 **97.8 M4** |

**Cursor:**
Total = 112.8 V/m
E Category: M4
Location: -5, 5, 8.7 mm




0 dB = 112.8V/m

## #16 HAC_E CDMA2000 BC0_RC3+SO3_Voice_Ch1013_Sampe1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.7 ℃

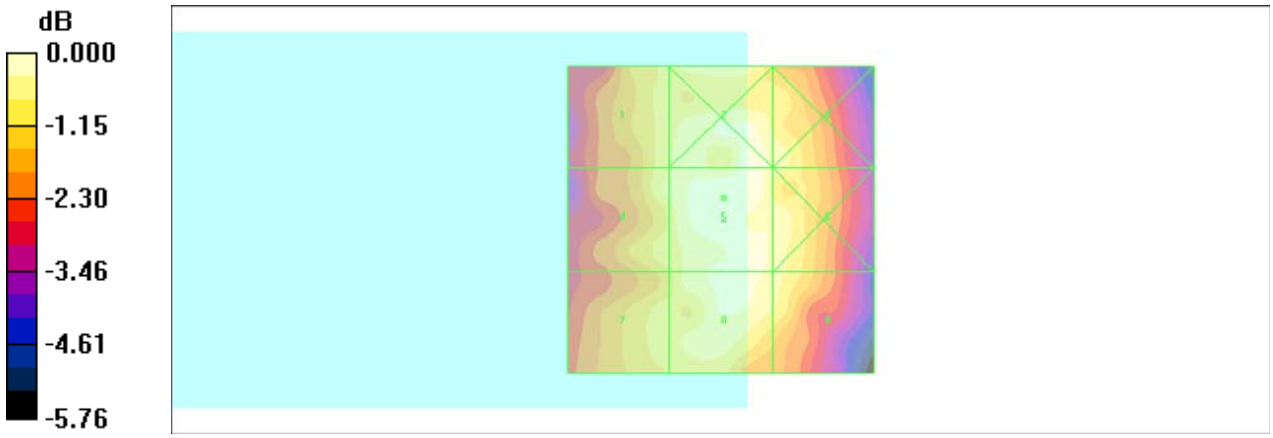
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 112.3 V/m
Probe Modulation Factor = 0.970
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 140.7 V/m; Power Drift = 0.468 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **102.6 M4** | Grid 2 **109.8 M4** | Grid 3 **106.7 M4** |
| Grid 4 **104.2 M4** | Grid 5 **112.3 M4** | Grid 6 **107.6 M4** |
| Grid 7 **101.2 M4** | Grid 8 **109.3 M4** | Grid 9 **105.9 M4** |

**Cursor:**
Total = 112.3 V/m
E Category: M4
Location: -0.5, -3.5, 8.7 mm




0 dB = 112.3V/m

## #17 HAC_E CDMA2000 BC0_RC3+SO3_Voice_Ch777_Sampe1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.7 ℃

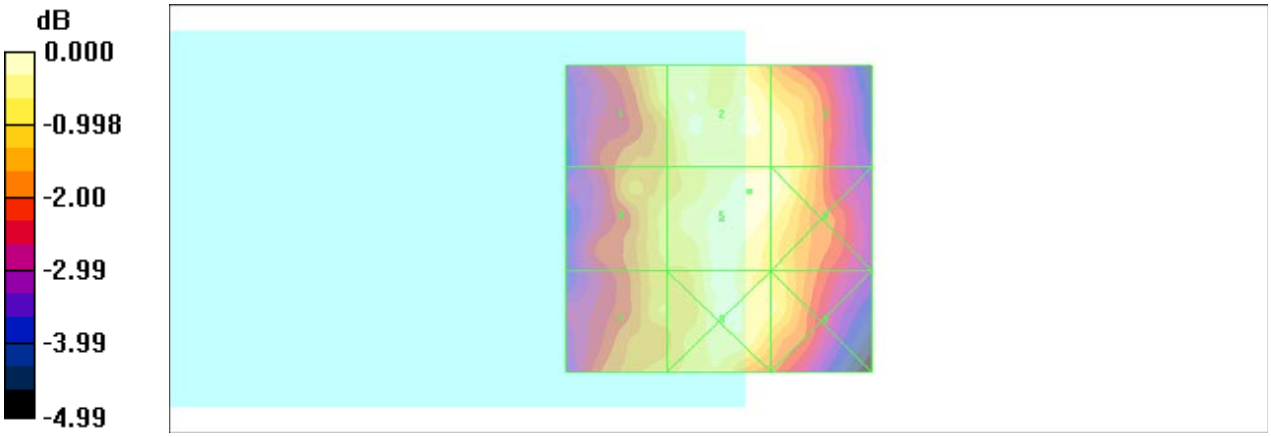
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 109.8 V/m
Probe Modulation Factor = 0.970
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 145.4 V/m; Power Drift = -0.099 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **102.1 M4** | Grid 2 **106.7 M4** | Grid 3 **105.3 M4** |
| Grid 4 **99.8 M4** | Grid 5 **109.8 M4** | Grid 6 **108.0 M4** |
| Grid 7 **98.2 M4** | Grid 8 **108.2 M4** | Grid 9 **102.8 M4** |

**Cursor:**
Total = 109.8 V/m
E Category: M4
Location: -5, -4.5, 8.7 mm




0 dB = 109.8V/m

## #18 HAC_E CDMA2000 BC0_RC3+SO3_Voice_Ch384_Sample1_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.7 ℃

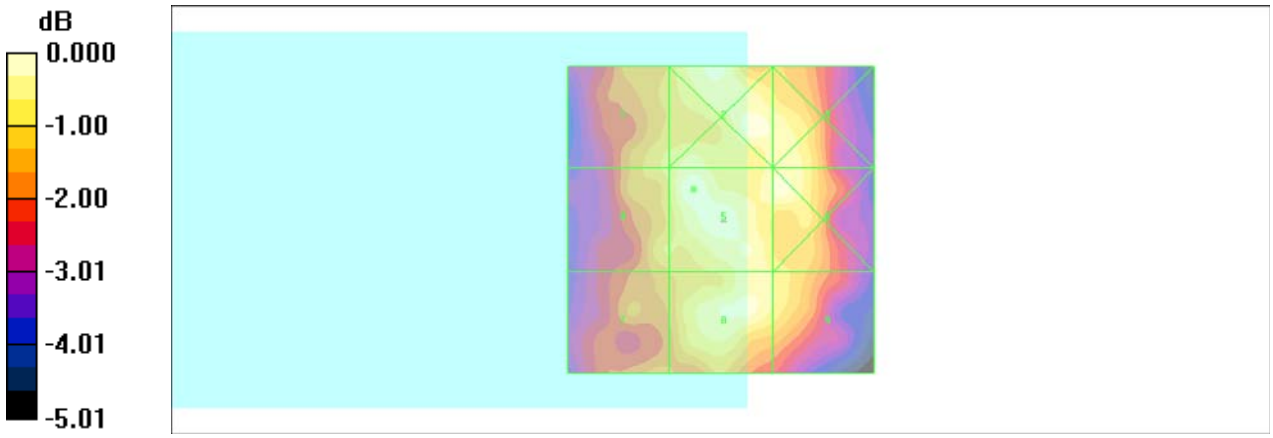
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 101.7 V/m
Probe Modulation Factor = 0.970
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 128.2 V/m; Power Drift = 0.207 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **92.2 M4** | Grid 2 **100.4 M4** | Grid 3 **97.5 M4** |
| Grid 4 **92.2 M4** | Grid 5 **101.7 M4** | Grid 6 **99.9 M4** |
| Grid 7 **87.1 M4** | Grid 8 **99.2 M4** | Grid 9 **94.7 M4** |

**Cursor:**
Total = 101.7 V/m
E Category: M4
Location: 4.5, -5, 8.7 mm




0 dB = 101.7V/m

## #19 HAC_E CDMA2000 BC0_RC3+SO3_Voice_Ch384_Sample2_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.7 ℃

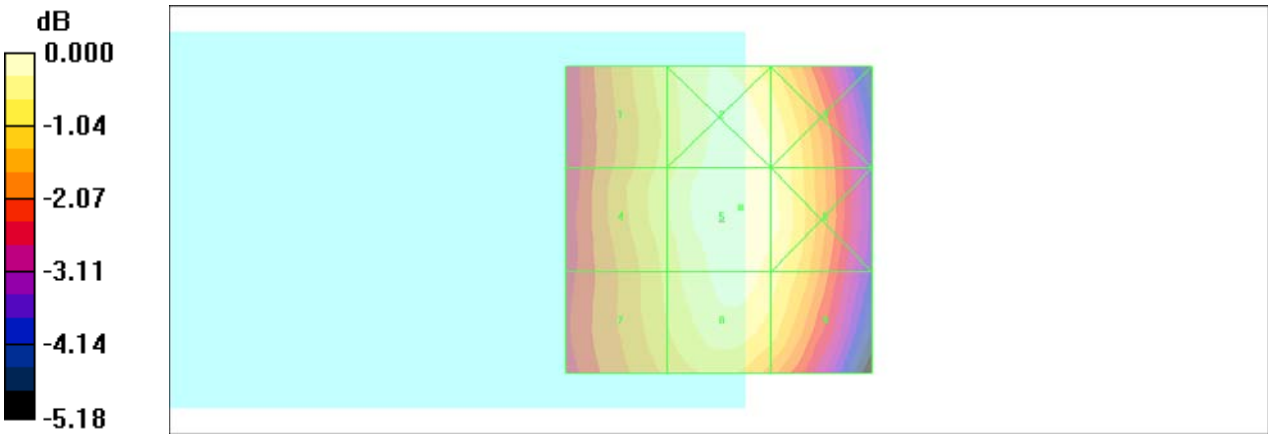
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 72.9 V/m
Probe Modulation Factor = 0.970
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 96.2 V/m; Power Drift = -0.035 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **66.4 M4** | Grid 2 **72.1 M4** | Grid 3 **70.6 M4** |
| Grid 4 **67.2 M4** | Grid 5 **72.9 M4** | Grid 6 **71.2 M4** |
| Grid 7 **65.5 M4** | Grid 8 **71.1 M4** | Grid 9 **68.8 M4** |

**Cursor:**
Total = 72.9 V/m
E Category: M4
Location: -3.5, -2, 8.7 mm




0 dB = 72.9V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/11

## #20 HAC_E CDMA2000 BC0_RC3+SO3_Voice_Ch384_Sample2_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.7 ℃

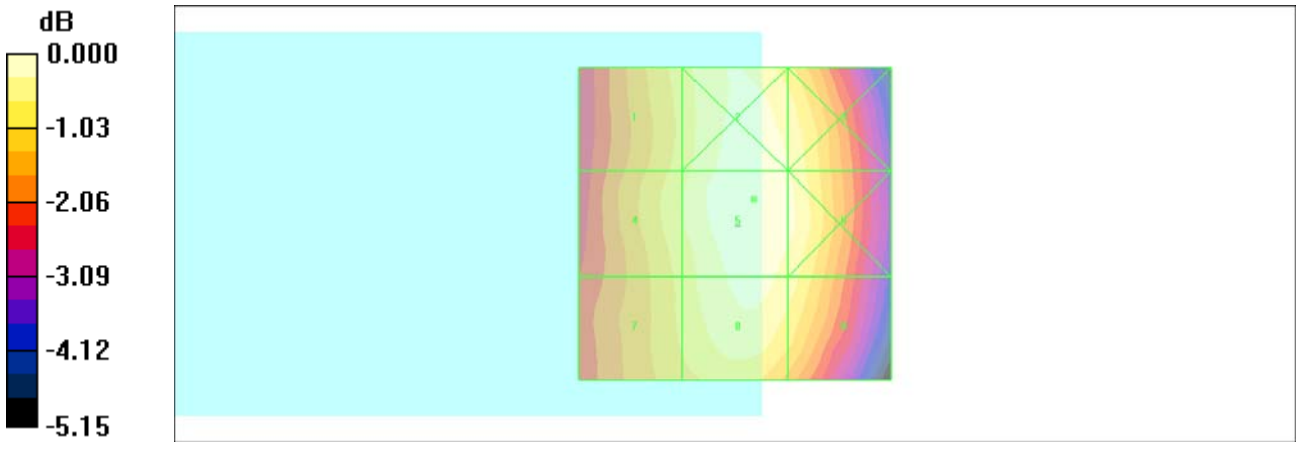
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 67.3 V/m
Probe Modulation Factor = 0.970
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 89.0 V/m; Power Drift = -0.019 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **61.2 M4** | Grid 2 **66.8 M4** | Grid 3 **64.9 M4** |
| Grid 4 **62.1 M4** | Grid 5 **67.3 M4** | Grid 6 **65.5 M4** |
| Grid 7 **60.7 M4** | Grid 8 **65.5 M4** | Grid 9 **63.6 M4** |

**Cursor:**
Total = 67.3 V/m
E Category: M4
Location: -3, -4, 8.7 mm




0 dB = 67.3V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/11

## #21 HAC_E CDMA2000 BC1_RC3+SO3_Voice_Ch600_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.3 ℃

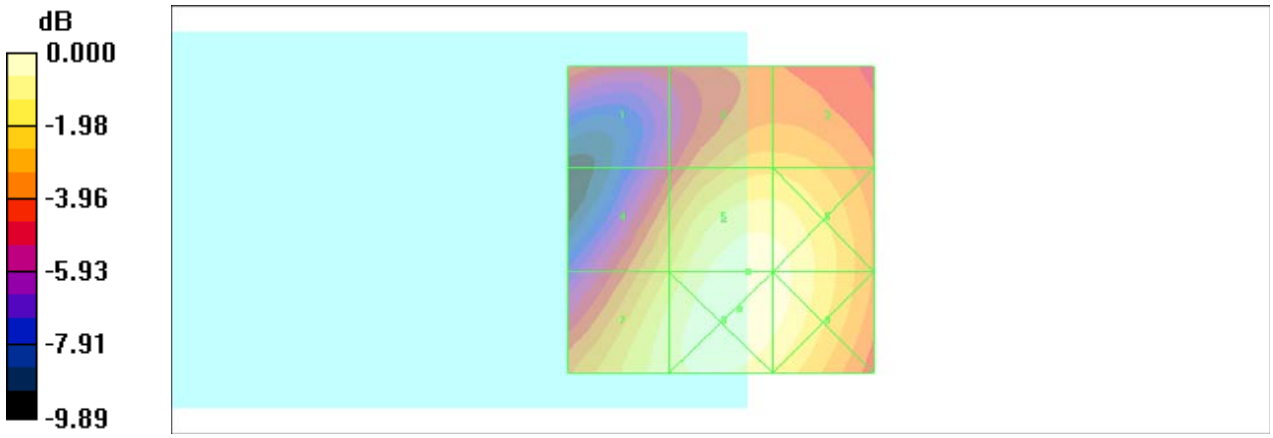
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 42.9 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 51.6 V/m; Power Drift = -0.292 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **28.4 M4** | Grid 2 **34.3 M4** | Grid 3 **34.2 M4** |
| Grid 4 **35.1 M4** | Grid 5 **42.9 M4** | Grid 6 **42.4 M4** |
| Grid 7 **39.7 M4** | Grid 8 **44.0 M4** | Grid 9 **42.6 M4** |

**Cursor:**
Total = 44.0 V/m
E Category: M4
Location: -3, 14.5, 8.7 mm




0 dB = 44.0V/m

## #22 HAC_E CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.3 ℃

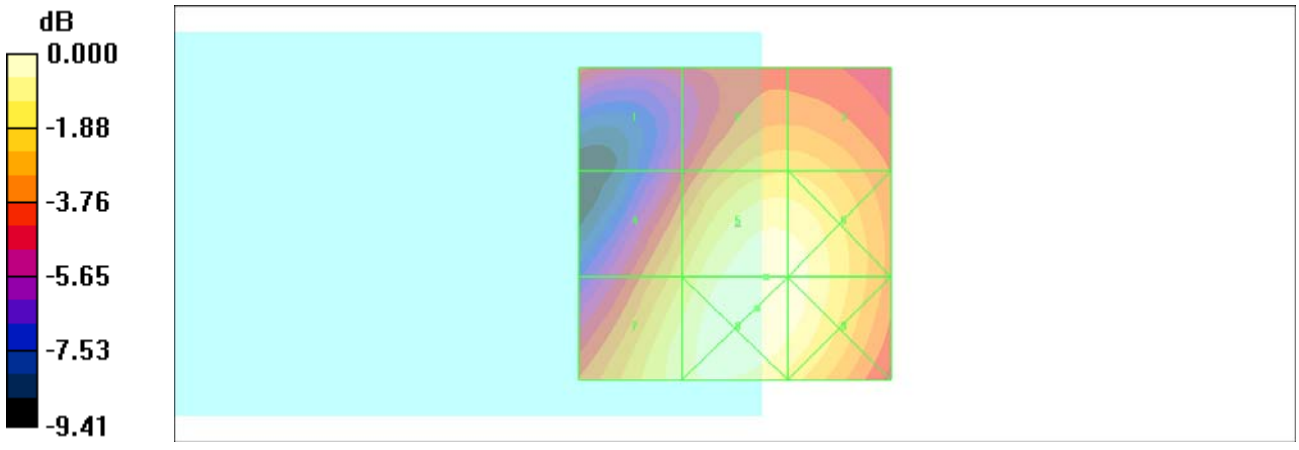
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.6 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 51.4 V/m; Power Drift = 0.036 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **27.8 M4** | Grid 2 **35.3 M4** | Grid 3 **35.2 M4** |
| Grid 4 **35.3 M4** | Grid 5 **43.6 M4** | Grid 6 **42.9 M4** |
| Grid 7 **39.8 M4** | Grid 8 **44.1 M4** | Grid 9 **43.0 M4** |

**Cursor:**
Total = 44.1 V/m
E Category: M4
Location: -3.5, 13.5, 8.7 mm




0 dB = 44.1V/m

## #23 HAC_E CDMA2000 BC1_RC3+SO3_Voice_Ch1175_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.3 ℃

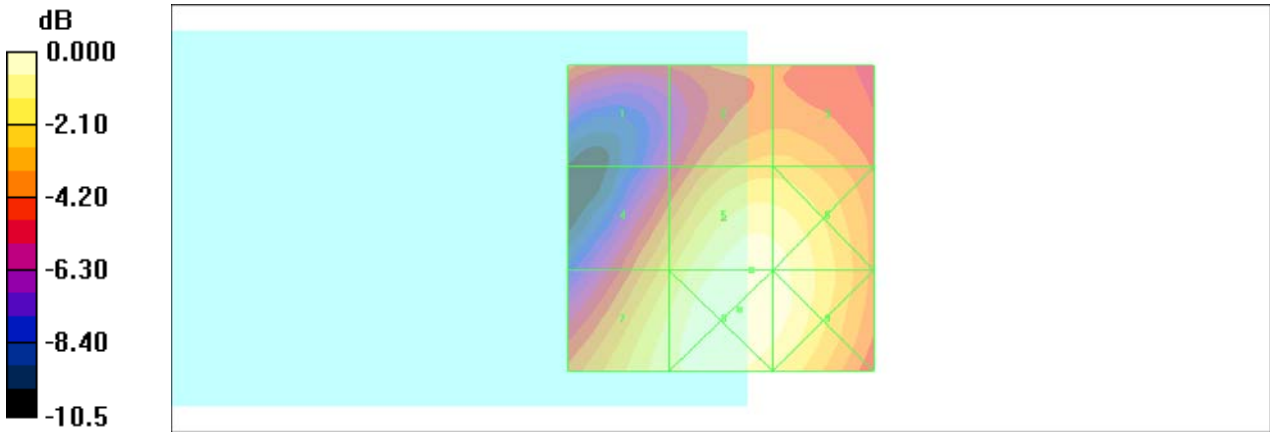
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 38.8 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 44.4 V/m; Power Drift = 0.080 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **25.4 M4** | Grid 2 **30.0 M4** | Grid 3 **30.0 M4** |
| Grid 4 **30.6 M4** | Grid 5 **38.8 M4** | Grid 6 **38.1 M4** |
| Grid 7 **35.8 M4** | Grid 8 **39.8 M4** | Grid 9 **38.6 M4** |

**Cursor:**
Total = 39.8 V/m
E Category: M4
Location: -3, 15, 8.7 mm




0 dB = 39.8V/m

## #24 HAC_E CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample1_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.3 ℃

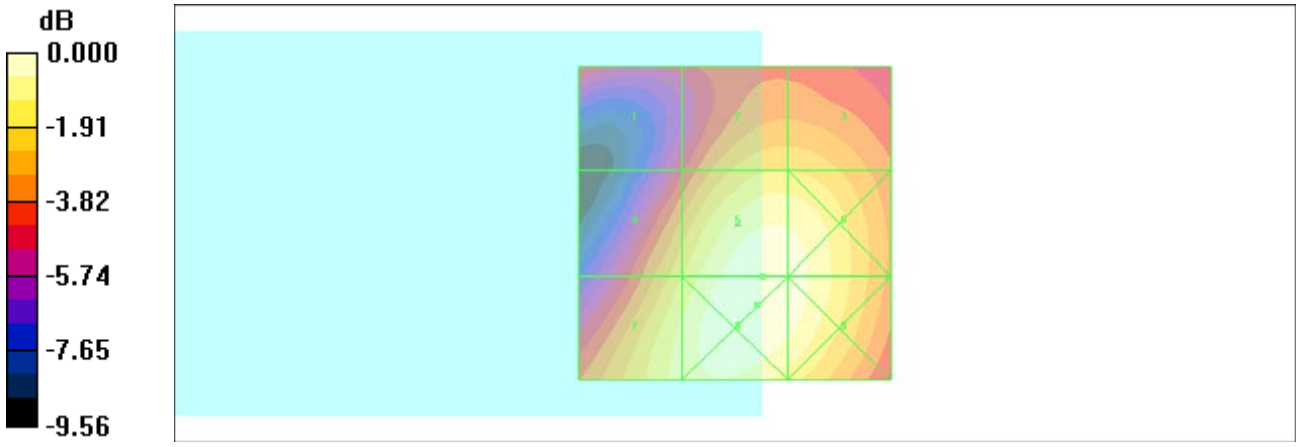
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.6 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 52.4 V/m; Power Drift = -0.025 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **27.4 M4** | Grid 2 **35.5 M4** | Grid 3 **35.4 M4** |
| Grid 4 **35.3 M4** | Grid 5 **43.6 M4** | Grid 6 **42.8 M4** |
| Grid 7 **39.4 M4** | Grid 8 **44.1 M4** | Grid 9 **42.9 M4** |

**Cursor:**
Total = 44.1 V/m
E Category: M4
Location: -3.5, 13, 8.7 mm




0 dB = 44.1V/m

## #25 HAC_E CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample2_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.3 ℃

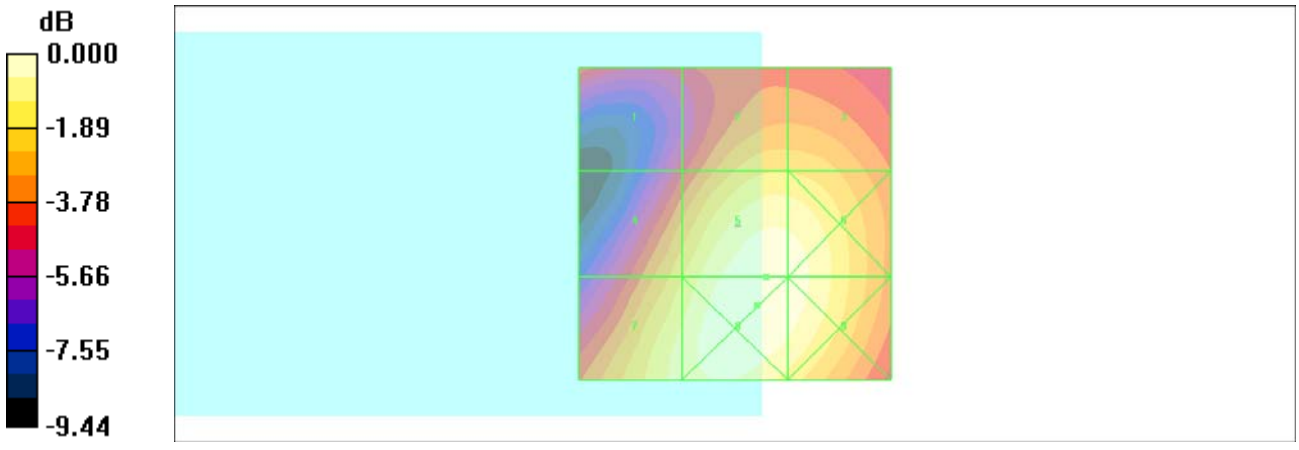
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**E /Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 44.0 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 51.7 V/m; Power Drift = 0.070 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **28.2 M4** | Grid 2 **35.7 M4** | Grid 3 **35.5 M4** |
| Grid 4 **35.5 M4** | Grid 5 **44.0 M4** | Grid 6 **43.2 M4** |
| Grid 7 **39.8 M4** | Grid 8 **44.4 M4** | Grid 9 **43.2 M4** |

**Cursor:**
Total = 44.4 V/m
E Category: M4
Location: -3.5, 13, 8.7 mm




0 dB = 44.4V/m

## #26 HAC_E CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample2_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m$^3$
Ambient Temperature：22.3 ℃

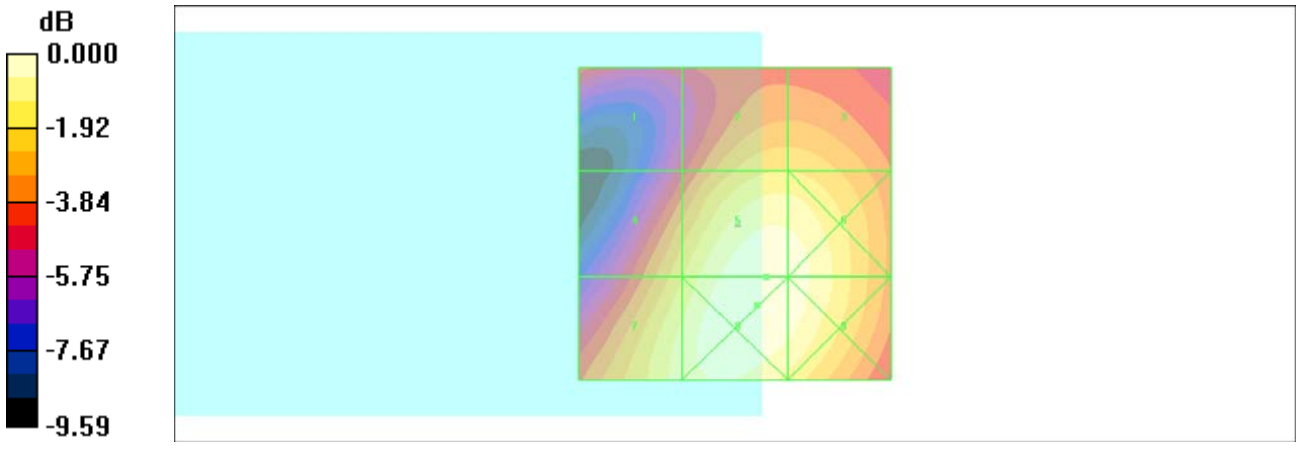
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.7 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 51.7 V/m; Power Drift = 0.066 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

| | | |
|---|---|---|
| Grid 1 **27.7 M4** | Grid 2 **35.4 M4** | Grid 3 **35.3 M4** |
| Grid 4 **35.1 M4** | Grid 5 **43.7 M4** | Grid 6 **42.8 M4** |
| Grid 7 **39.4 M4** | Grid 8 **44.0 M4** | Grid 9 **42.9 M4** |

**Cursor:**
Total = 44.0 V/m
E Category: M4
Location: -3.5, 13, 8.7 mm




0 dB = 44.0V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #27 HAC_H CDMA2000 BC0_RC3+SO3_Voice_Ch384_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.5 ℃

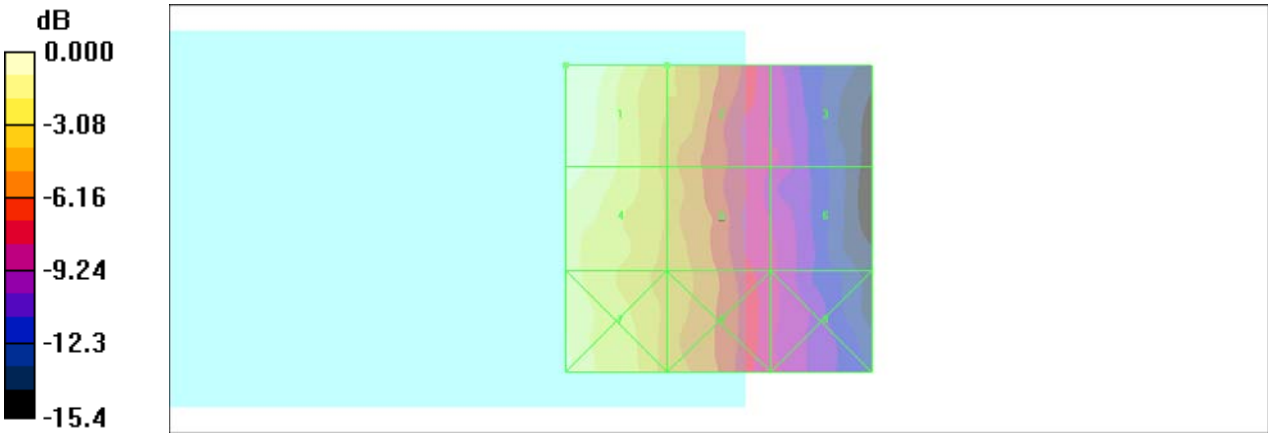
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.217 A/m
Probe Modulation Factor = 0.930
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.113 A/m; Power Drift = -0.054 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.217 M4** | Grid 2 **0.140 M4** | Grid 3 **0.077 M4** |
| Grid 4 **0.206 M4** | Grid 5 **0.133 M4** | Grid 6 **0.078 M4** |
| Grid 7 **0.200 M4** | Grid 8 **0.132 M4** | Grid 9 **0.079 M4** |

**Cursor:**
Total = 0.217 A/m
H Category: M4
Location: 25, -25, 8.7 mm




0 dB = 0.217A/m

## #28 HAC_H CDMA2000 BC0_RC3+SO3_Voice_Ch1013_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.5 ℃

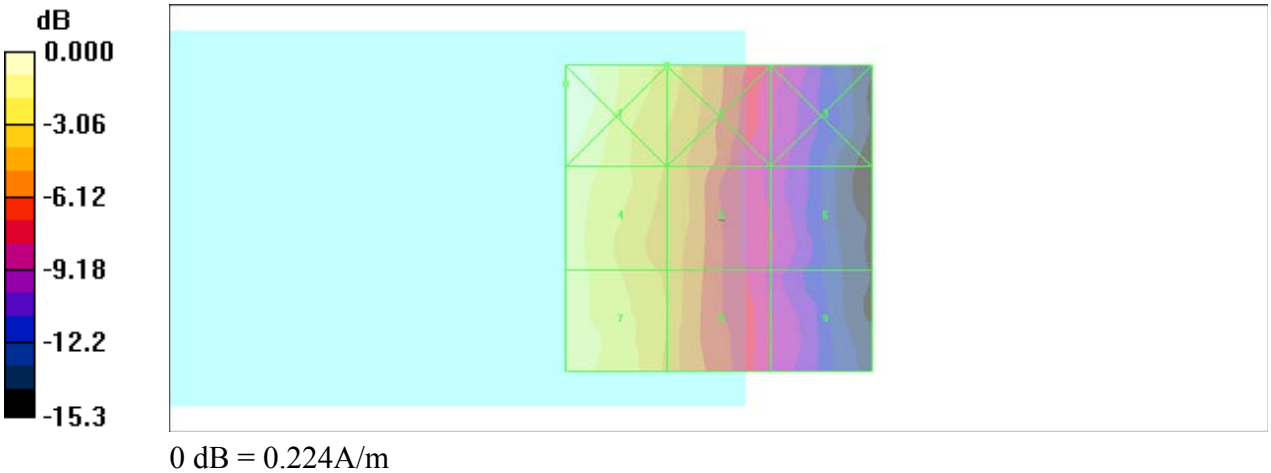
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.200 A/m
Probe Modulation Factor = 0.930
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.111 A/m; Power Drift = 0.280 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.224 M4** | Grid 2 **0.150 M4** | Grid 3 **0.086 M4** |
| Grid 4 **0.200 M4** | Grid 5 **0.139 M4** | Grid 6 **0.080 M4** |
| Grid 7 **0.200 M4** | Grid 8 **0.140 M4** | Grid 9 **0.080 M4** |

**Cursor:**
Total = 0.224 A/m
H Category: M4
Location: 25, -22, 8.7 mm




0 dB = 0.224A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #29 HAC_H CDMA2000 BC0_RC3+SO3_Voice_Ch777_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.5 ℃

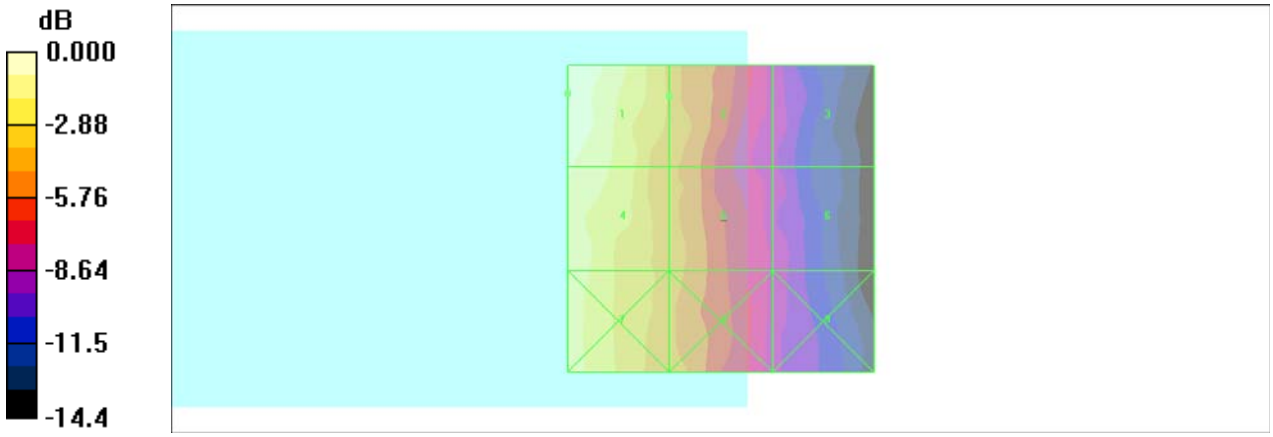
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.238 A/m
Probe Modulation Factor = 0.930
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.128 A/m; Power Drift = -0.229 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.238 M4** | Grid 2 **0.152 M4** | Grid 3 **0.086 M4** |
| Grid 4 **0.216 M4** | Grid 5 **0.146 M4** | Grid 6 **0.087 M4** |
| Grid 7 **0.206 M4** | Grid 8 **0.146 M4** | Grid 9 **0.086 M4** |

**Cursor:**
Total = 0.238 A/m
H Category: M4
Location: 25, -20.5, 8.7 mm




0 dB = 0.238A/m

## #30 HAC_H CDMA2000 BC0_RC3+SO3_Voice_Ch777_Sample1_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.5 ℃

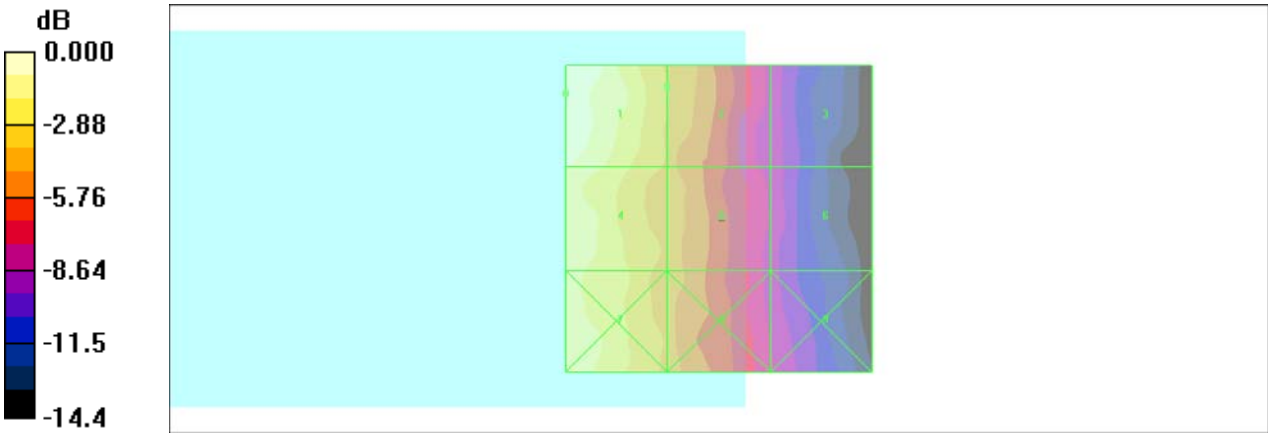
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.238 A/m
Probe Modulation Factor = 0.930
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.129 A/m; Power Drift = -0.294 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.238 M4** | Grid 2 **0.154 M4** | Grid 3 **0.086 M4** |
| Grid 4 **0.215 M4** | Grid 5 **0.149 M4** | Grid 6 **0.088 M4** |
| Grid 7 **0.212 M4** | Grid 8 **0.149 M4** | Grid 9 **0.090 M4** |

**Cursor:**
Total = 0.238 A/m
H Category: M4
Location: 25, -20.5, 8.7 mm




0 dB = 0.238A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #31 HAC_H CDMA2000 BC0_RC3+SO3_Voice_Ch777_Sample2_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.5 ℃

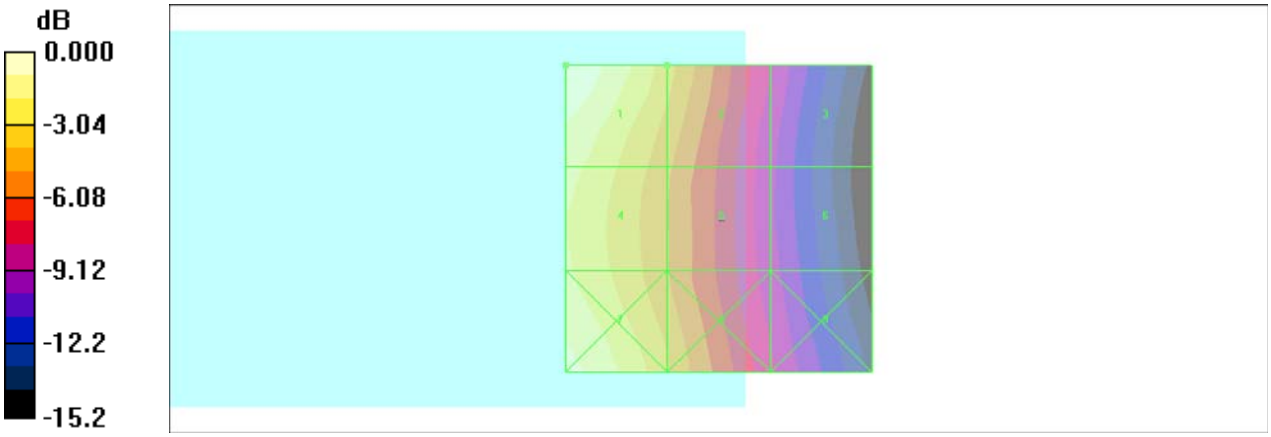
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.178 A/m
Probe Modulation Factor = 0.930
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.086 A/m; Power Drift = -0.176 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.178 M4** | Grid 2 **0.118 M4** | Grid 3 **0.062 M4** |
| Grid 4 **0.147 M4** | Grid 5 **0.102 M4** | Grid 6 **0.059 M4** |
| Grid 7 **0.165 M4** | Grid 8 **0.114 M4** | Grid 9 **0.064 M4** |

**Cursor:**
Total = 0.178 A/m
H Category: M4
Location: 25, -25, 8.7 mm




0 dB = 0.178A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #32 HAC_H CDMA2000 BC0_RC3+SO3_Voice_Ch777_Sample2_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.5 ℃

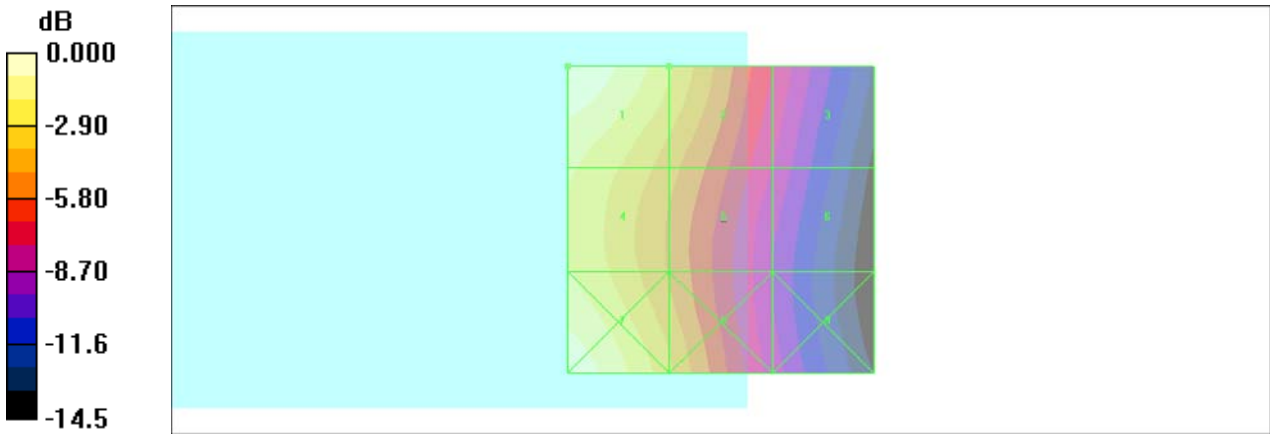
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.147 A/m
Probe Modulation Factor = 0.930
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.074 A/m; Power Drift = 0.047 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.147 M4** | Grid 2 **0.107 M4** | Grid 3 **0.060 M4** |
| Grid 4 **0.120 M4** | Grid 5 **0.089 M4** | Grid 6 **0.054 M4** |
| Grid 7 **0.142 M4** | Grid 8 **0.097 M4** | Grid 9 **0.051 M4** |

**Cursor:**
Total = 0.147 A/m
H Category: M4
Location: 25, -25, 8.7 mm




0 dB = 0.147A/m

## #33 HAC_H CDMA2000 BC1_RC3+SO3_Voice_Ch600_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.7 ℃

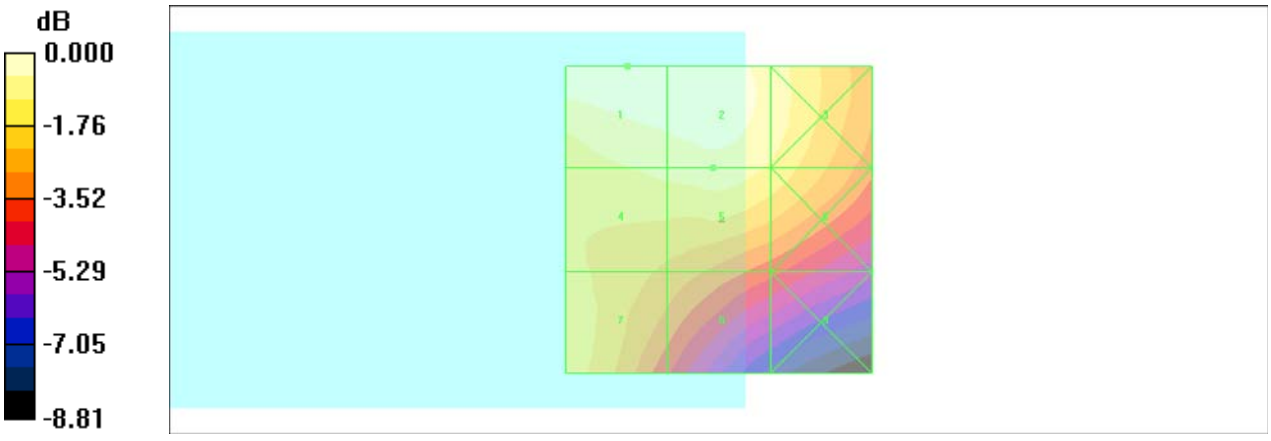
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.100 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.110 A/m; Power Drift = 0.031 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.100 M4** | Grid 2 **0.100 M4** | Grid 3 **0.091 M4** |
| Grid 4 **0.089 M4** | Grid 5 **0.091 M4** | Grid 6 **0.086 M4** |
| Grid 7 **0.086 M4** | Grid 8 **0.075 M4** | Grid 9 **0.064 M4** |

**Cursor:**
Total = 0.100 A/m
H Category: M4
Location: 15, -25, 8.7 mm




0 dB = 0.100A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #34 HAC_H CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.7 ℃

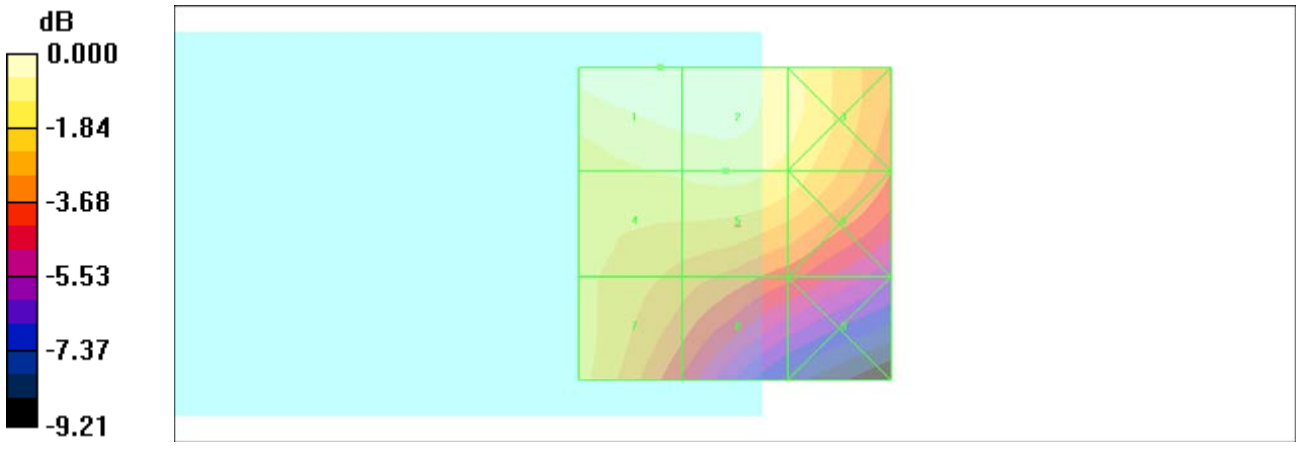
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.102 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.109 A/m; Power Drift = 0.070 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.102 M4** | Grid 2 **0.102 M4** | Grid 3 **0.092 M4** |
| Grid 4 **0.090 M4** | Grid 5 **0.091 M4** | Grid 6 **0.086 M4** |
| Grid 7 **0.085 M4** | Grid 8 **0.075 M4** | Grid 9 **0.064 M4** |

**Cursor:**
Total = 0.102 A/m
H Category: M4
Location: 12, -25, 8.7 mm




0 dB = 0.102A/m

## #35 HAC_H CDMA2000 BC1_RC3+SO3_Voice_Ch1175_Sample1_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.7 ℃

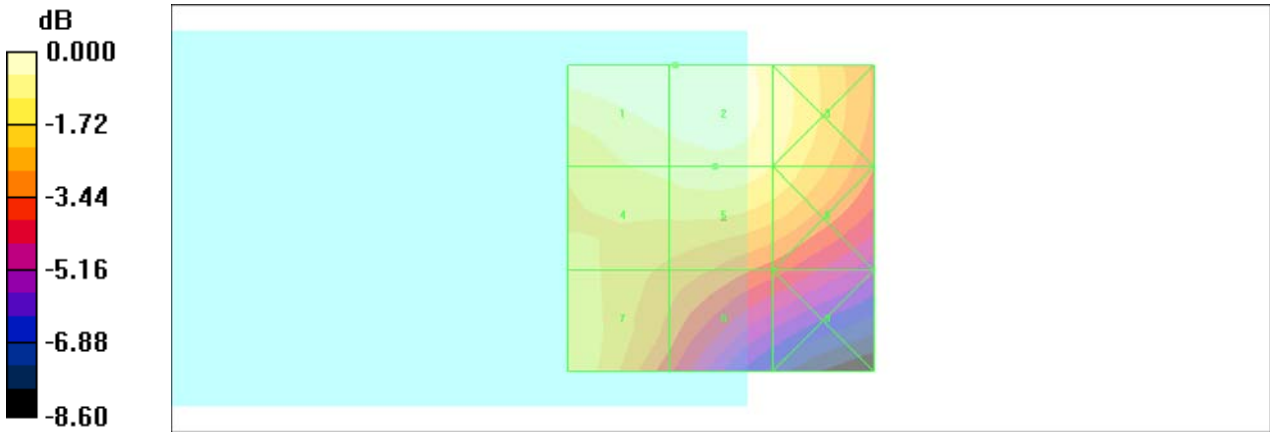
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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 = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.104 A/m; Power Drift = 0.005 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.093 M4** | Grid 2 **0.093 M4** | Grid 3 **0.085 M4** |
| Grid 4 **0.083 M4** | Grid 5 **0.085 M4** | Grid 6 **0.081 M4** |
| Grid 7 **0.082 M4** | Grid 8 **0.070 M4** | Grid 9 **0.061 M4** |

**Cursor:**
Total = 0.093 A/m
H Category: M4
Location: 7.5, -25, 8.7 mm




0 dB = 0.093A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #36 HAC_H CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample1_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.7 ℃

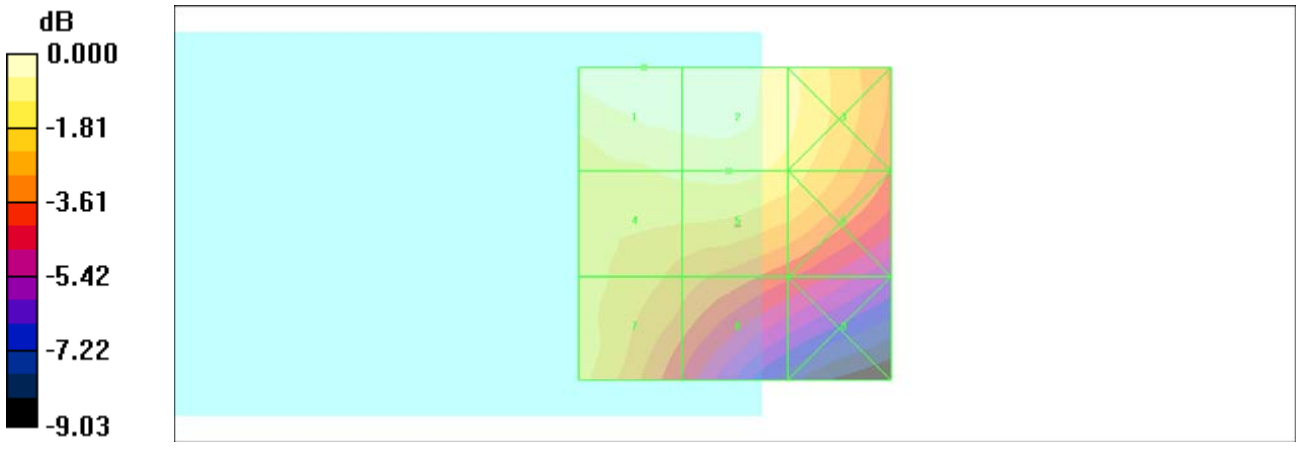
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.101 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.109 A/m; Power Drift = 0.060 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.101 M4** | Grid 2 **0.100 M4** | Grid 3 **0.090 M4** |
| Grid 4 **0.089 M4** | Grid 5 **0.090 M4** | Grid 6 **0.085 M4** |
| Grid 7 **0.085 M4** | Grid 8 **0.075 M4** | Grid 9 **0.063 M4** |

**Cursor:**
Total = 0.101 A/m
H Category: M4
Location: 14.5, -25, 8.7 mm




0 dB = 0.101A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #37 HAC_H CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample2_Battery1

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.7 ℃

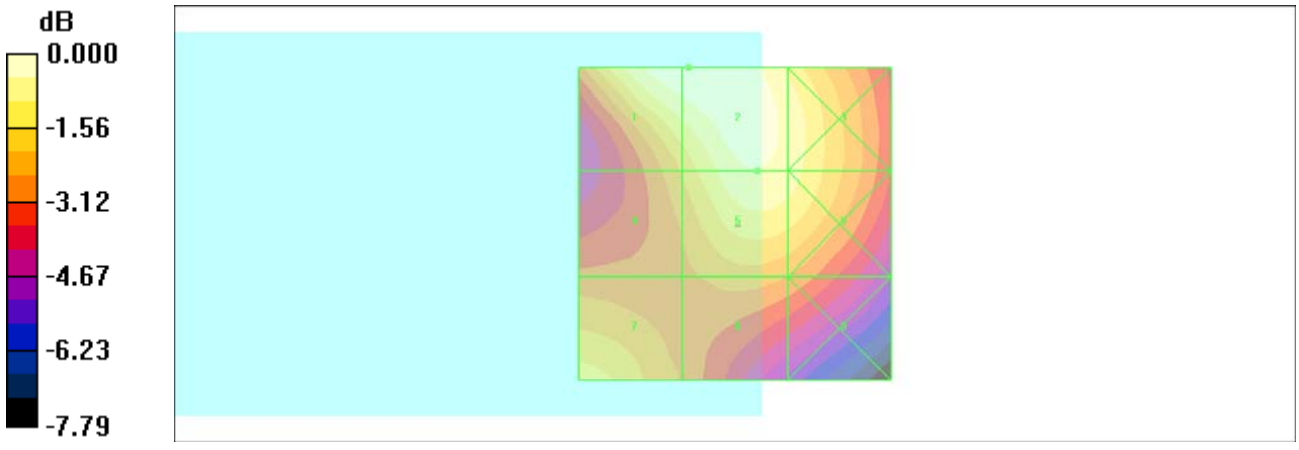
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.094 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.116 A/m; Power Drift = -0.159 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.094 M4** | Grid 2 **0.094 M4** | Grid 3 **0.087 M4** |
| Grid 4 **0.075 M4** | Grid 5 **0.088 M4** | Grid 6 **0.086 M4** |
| Grid 7 **0.081 M4** | Grid 8 **0.072 M4** | Grid 9 **0.070 M4** |

**Cursor:**
Total = 0.094 A/m
H Category: M4
Location: 7.5, -25, 8.7 mm




0 dB = 0.094A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

## #38 HAC_H CDMA2000 BC1_RC3+SO3_Voice_Ch25_Sample2_Battery2

**DUT: 120119**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m$^3$
Ambient Temperature：22.7 ℃

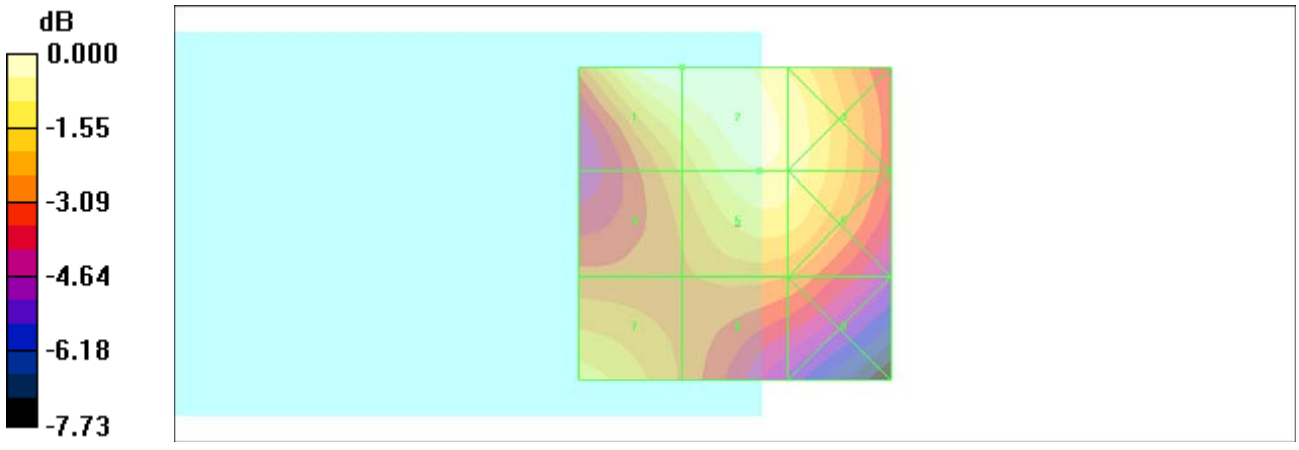
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.094 A/m
Probe Modulation Factor = 0.810
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.115 A/m; Power Drift = -0.061 dB
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

| | | |
|---|---|---|
| Grid 1 **0.094 M4** | Grid 2 **0.094 M4** | Grid 3 **0.087 M4** |
| Grid 4 **0.075 M4** | Grid 5 **0.088 M4** | Grid 6 **0.086 M4** |
| Grid 7 **0.081 M4** | Grid 8 **0.071 M4** | Grid 9 **0.070 M4** |

**Cursor:**
Total = 0.094 A/m
H Category: M4
Location: 8.5, -25, 8.7 mm




0 dB = 0.094A/m