Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#01 HAC_E_GSM850_Ch128

DUT: 172802-06

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

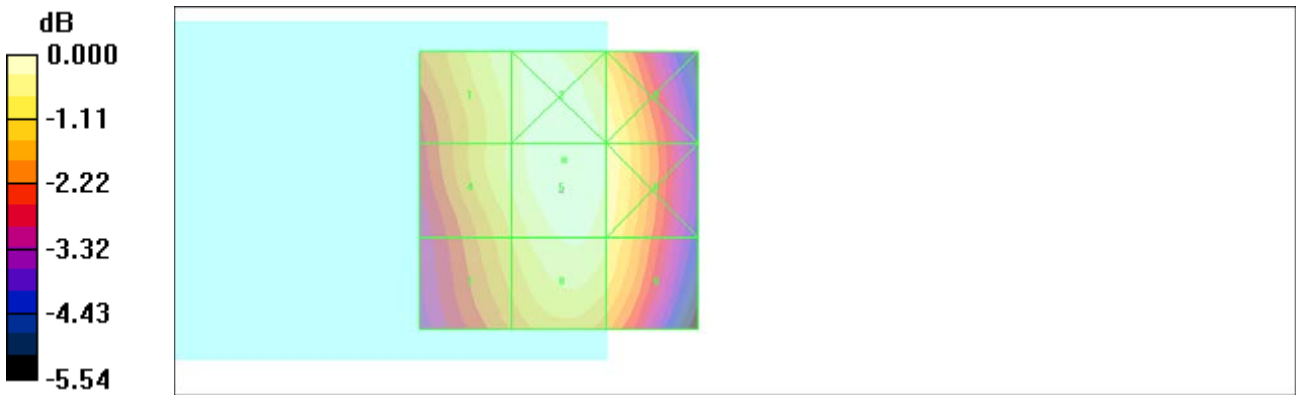
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 193.2 V/m
Probe Modulation Factor = 2.58
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 95.8 V/m; Power Drift = -0.014 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **183.2 M3**	Grid 2 **192.5 M3**	Grid 3 **183.8 M3**
Grid 4 **180.2 M3**	Grid 5 **193.2 M3**	Grid 6 **185.3 M3**
Grid 7 **170.3 M3**	Grid 8 **186.3 M3**	Grid 9 **179.3 M3**

Cursor:
Total = 193.2 V/m
E Category: M3
Location: -1, -5.5, 8.7 mm



0 dB = 193.2V/m

#02 HAC_E_GSM850_Ch189

DUT: 172802-06

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

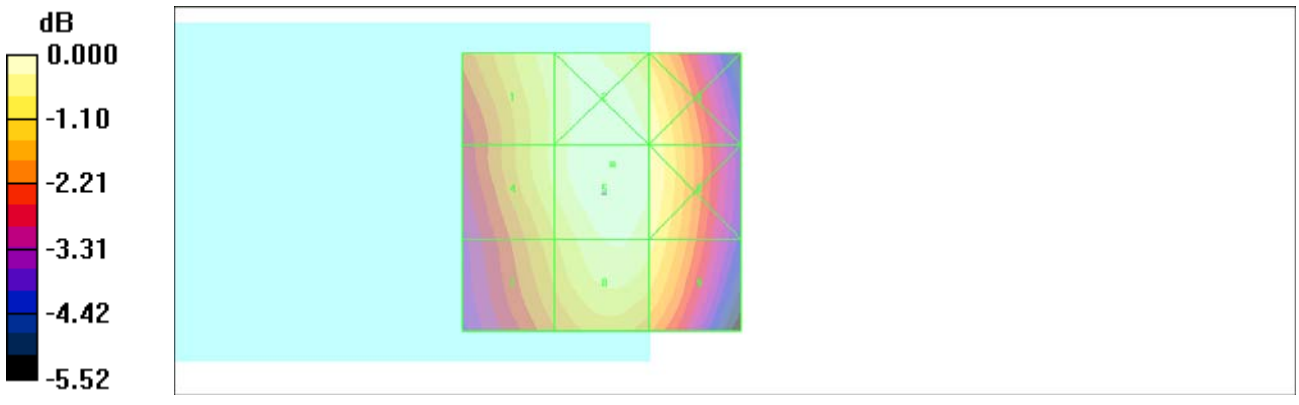
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 201.1 V/m
Probe Modulation Factor = 2.66
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 96.4 V/m; Power Drift = 0.006 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **190.1 M3**	Grid 2 **200.4 M3**	Grid 3 **192.4 M3**
Grid 4 **187.8 M3**	Grid 5 **201.1 M3**	Grid 6 **193.5 M3**
Grid 7 **176.0 M3**	Grid 8 **193.8 M3**	Grid 9 **187.5 M3**

Cursor:
Total = 201.1 V/m
E Category: M3
Location: -2, -5, 8.7 mm



0 dB = 201.1V/m

#03 HAC_E_GSM850_Ch251

DUT: 172802-06

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

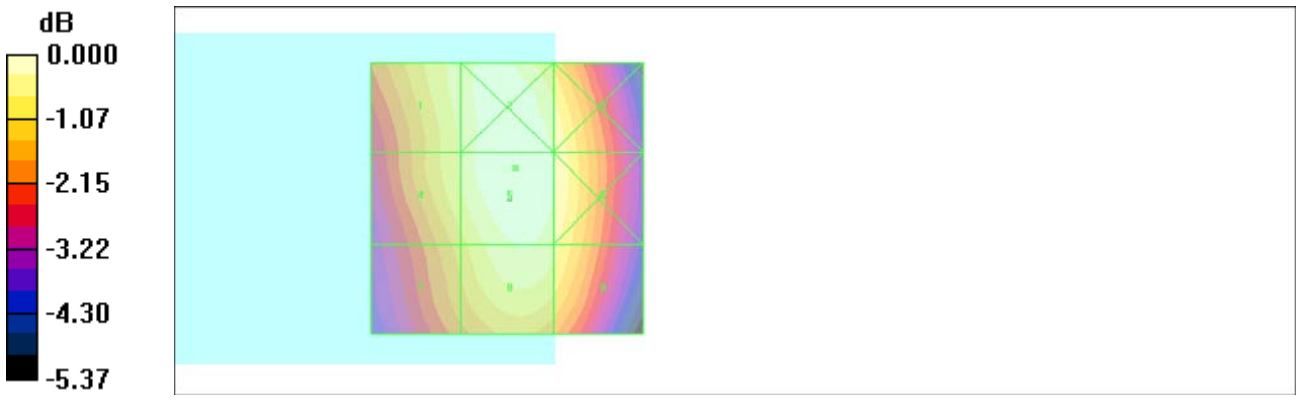
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 200.5 V/m
Probe Modulation Factor = 2.58
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 98.9 V/m; Power Drift = -0.060 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **188.8 M3**	Grid 2 **199.9 M3**	Grid 3 **192.0 M3**
Grid 4 **186.2 M3**	Grid 5 **200.5 M3**	Grid 6 **193.6 M3**
Grid 7 **174.4 M3**	Grid 8 **193.1 M3**	Grid 9 **187.1 M3**

Cursor:
Total = 200.5 V/m
E Category: M3
Location: -1.5, -5.5, 8.7 mm



0 dB = 200.5V/m

#04 HAC_E_GSM1900_Ch512

DUT: 172802-06

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

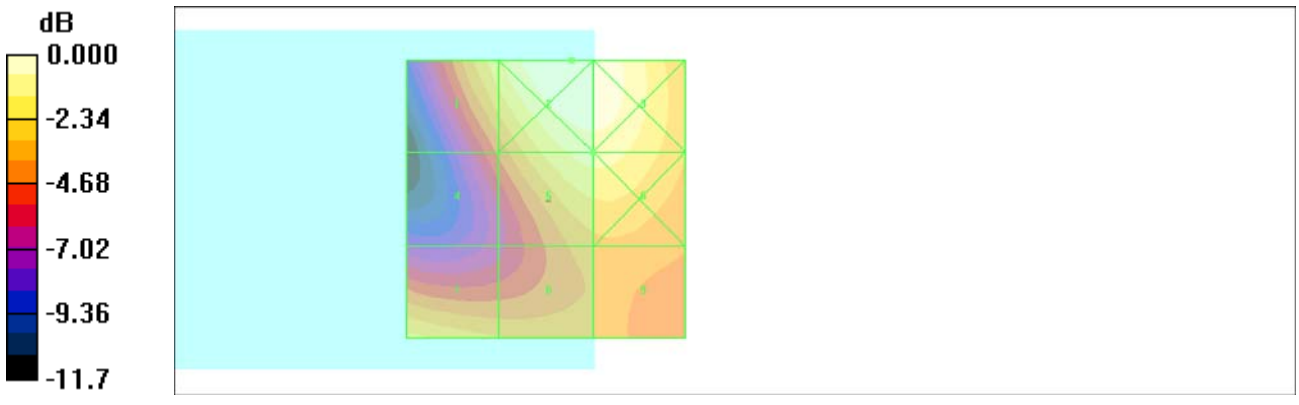
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 74.7 V/m
Probe Modulation Factor = 2.66
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 26.4 V/m; Power Drift = -0.027 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **70.7 M3**	Grid 2 **86.1 M2**	Grid 3 **84.8 M2**
Grid 4 **51.6 M3**	Grid 5 **74.7 M3**	Grid 6 **74.7 M3**
Grid 7 **68.3 M3**	Grid 8 **60.7 M3**	Grid 9 **59.1 M3**

Cursor:
Total = 86.1 V/m
E Category: M2
Location: -4.5, -25, 8.7 mm



0 dB = 86.1V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#05 HAC_E_GSM1900_Ch661

DUT: 172802-06

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

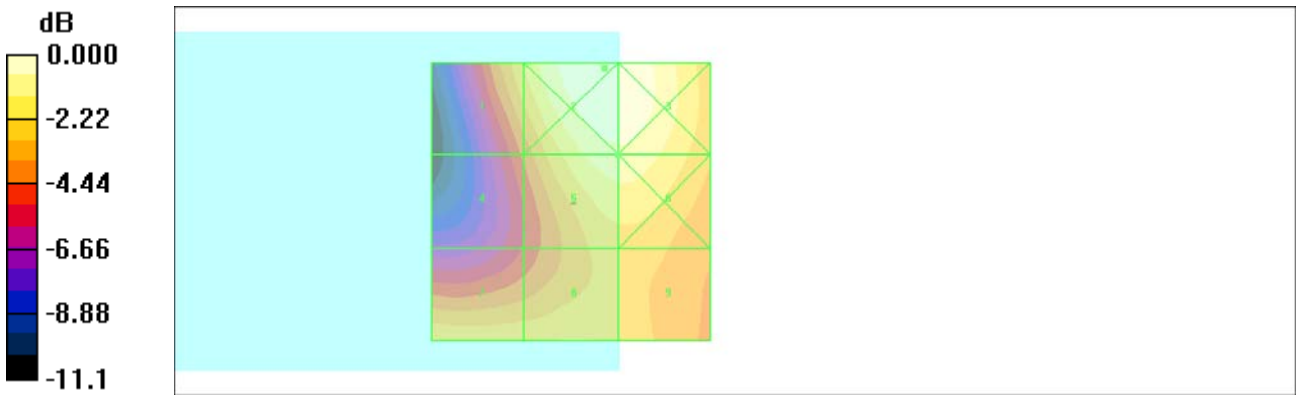
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 75.0 V/m
Probe Modulation Factor = 2.66
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 28.4 V/m; Power Drift = -0.033 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **65.1 M3**	Grid 2 **83.5 M3**	Grid 3 **83.0 M3**
Grid 4 **51.4 M3**	Grid 5 **75.0 M3**	Grid 6 **75.0 M3**
Grid 7 **65.5 M3**	Grid 8 **65.1 M3**	Grid 9 **62.9 M3**

Cursor:
Total = 83.5 V/m
E Category: M3
Location: -6, -24, 8.7 mm



0 dB = 83.5V/m

#06 HAC_E_GSM1900_Ch810

DUT: 172802-06

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

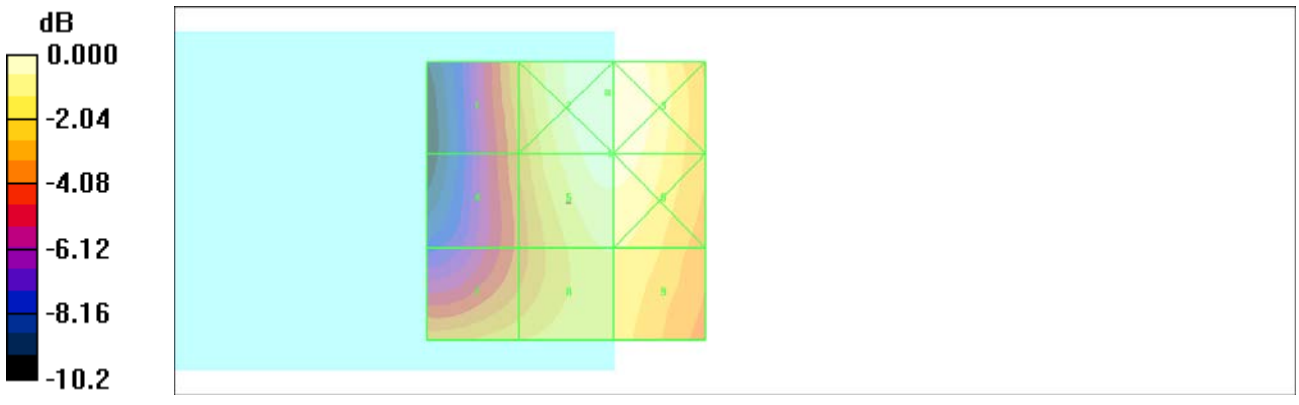
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 75.9 V/m
Probe Modulation Factor = 2.66
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 31.6 V/m; Power Drift = 0.013 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **57.8 M3**	Grid 2 **78.8 M3**	Grid 3 **78.7 M3**
Grid 4 **53.7 M3**	Grid 5 **75.9 M3**	Grid 6 **75.9 M3**
Grid 7 **61.7 M3**	Grid 8 **67.7 M3**	Grid 9 **67.7 M3**

Cursor:
Total = 78.8 V/m
E Category: M3
Location: -7.5, -19.5, 8.7 mm



0 dB = 78.8V/m

#07 HAC_E_WCDMA V_Ch4132

DUT: 172802-06

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

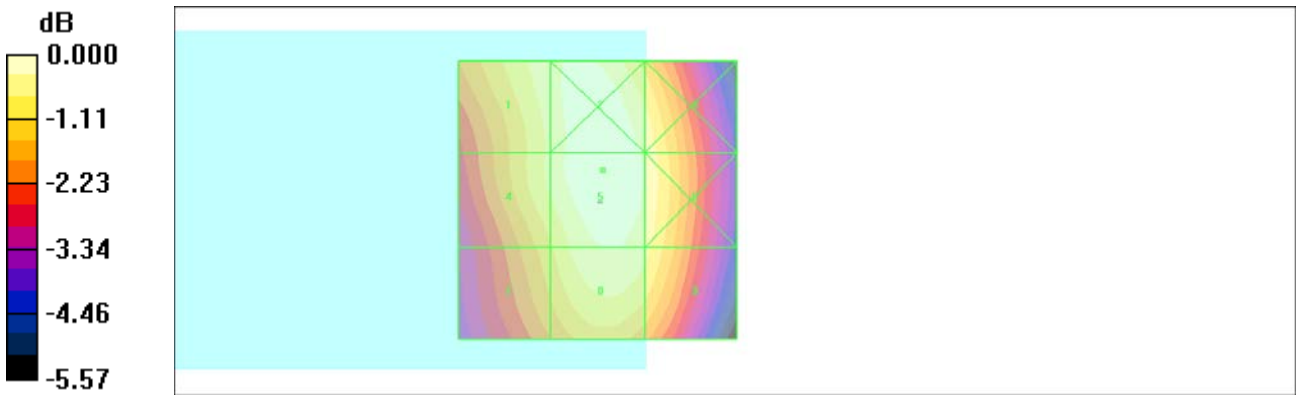
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 73.2 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 93.9 V/m; Power Drift = -0.100 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **69.3 M4**	Grid 2 **72.9 M4**	Grid 3 **69.5 M4**
Grid 4 **68.2 M4**	Grid 5 **73.2 M4**	Grid 6 **70.0 M4**
Grid 7 **64.0 M4**	Grid 8 **70.3 M4**	Grid 9 **68.1 M4**

Cursor:
Total = 73.2 V/m
E Category: M4
Location: -1, -5.5, 8.7 mm



0 dB = 73.2V/m

#08 HAC_E_WCDMA V_Ch4182

DUT: 172802-06

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

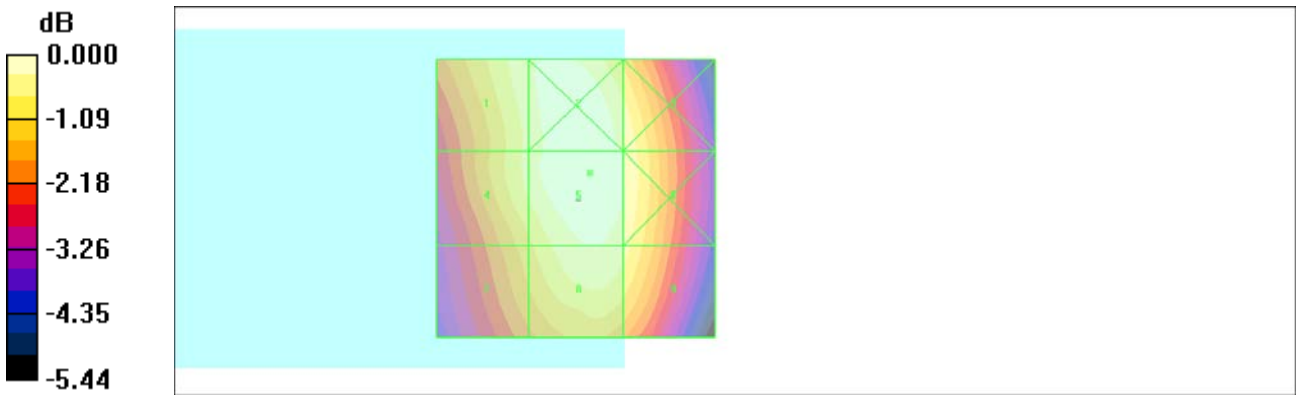
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 71.3 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 90.5 V/m; Power Drift = 0.054 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **68.0 M4**	Grid 2 **71.1 M4**	Grid 3 **68.2 M4**
Grid 4 **66.8 M4**	Grid 5 **71.3 M4**	Grid 6 **68.8 M4**
Grid 7 **62.3 M4**	Grid 8 **68.6 M4**	Grid 9 **66.7 M4**

Cursor:
Total = 71.4 V/m
E Category: M4
Location: -2.5, -4.5, 8.7 mm



0 dB = 71.4V/m

#09 HAC_E_WCDMA V_Ch4233

DUT: 172802-06

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

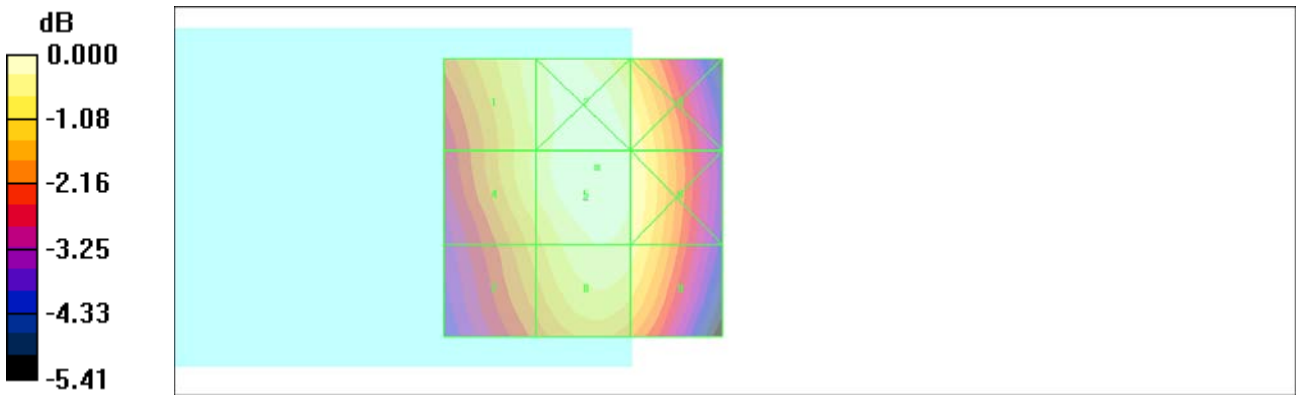
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 72.2 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 91.4 V/m; Power Drift = -0.003 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **68.1 M4**	Grid 2 **72.0 M4**	Grid 3 **69.1 M4**
Grid 4 **67.3 M4**	Grid 5 **72.2 M4**	Grid 6 **69.7 M4**
Grid 7 **62.7 M4**	Grid 8 **69.2 M4**	Grid 9 **67.6 M4**

Cursor:
Total = 72.2 V/m
E Category: M4
Location: -2.5, -5.5, 8.7 mm



0 dB = 72.2V/m

#10 HAC_E_WCDMA II_Ch9262

DUT: 172802-06

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

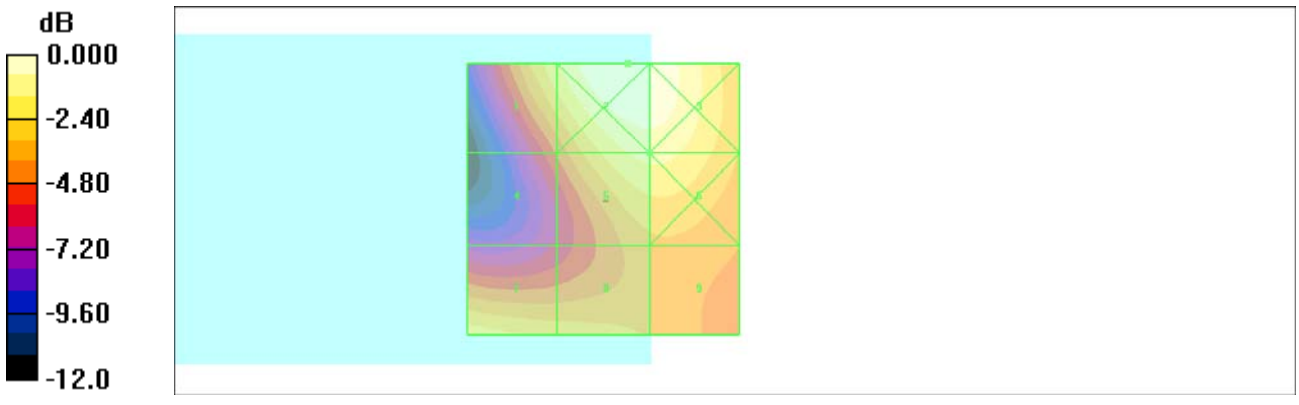
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 39.5 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 37.5 V/m; Power Drift = 0.056 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **38.1 M4**	Grid 2 **46.1 M4**	Grid 3 **45.4 M4**
Grid 4 **27.0 M4**	Grid 5 **39.5 M4**	Grid 6 **39.6 M4**
Grid 7 **37.2 M4**	Grid 8 **34.2 M4**	Grid 9 **31.7 M4**

Cursor:
Total = 46.1 V/m
E Category: M4
Location: -4.5, -25, 8.7 mm



0 dB = 46.1V/m

#11 HAC_E_WCDMA II_Ch9400

DUT: 172802-06

Communication System: WCDMA; 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：22.5 ℃

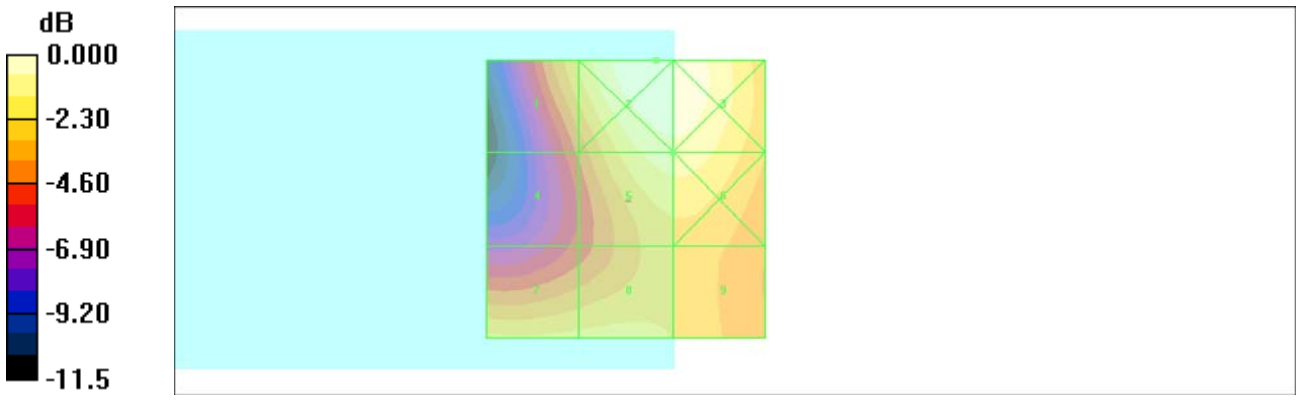
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 40.5 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 41.5 V/m; Power Drift = 0.044 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **35.6 M4**	Grid 2 **45.7 M4**	Grid 3 **45.3 M4**
Grid 4 **27.6 M4**	Grid 5 **40.5 M4**	Grid 6 **40.5 M4**
Grid 7 **36.3 M4**	Grid 8 **36.7 M4**	Grid 9 **35.1 M4**

Cursor:
Total = 45.7 V/m
E Category: M4
Location: -5.5, -25, 8.7 mm



0 dB = 45.7V/m

#12 HAC_E_WCDMA II_Ch9538

DUT: 172802-06

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

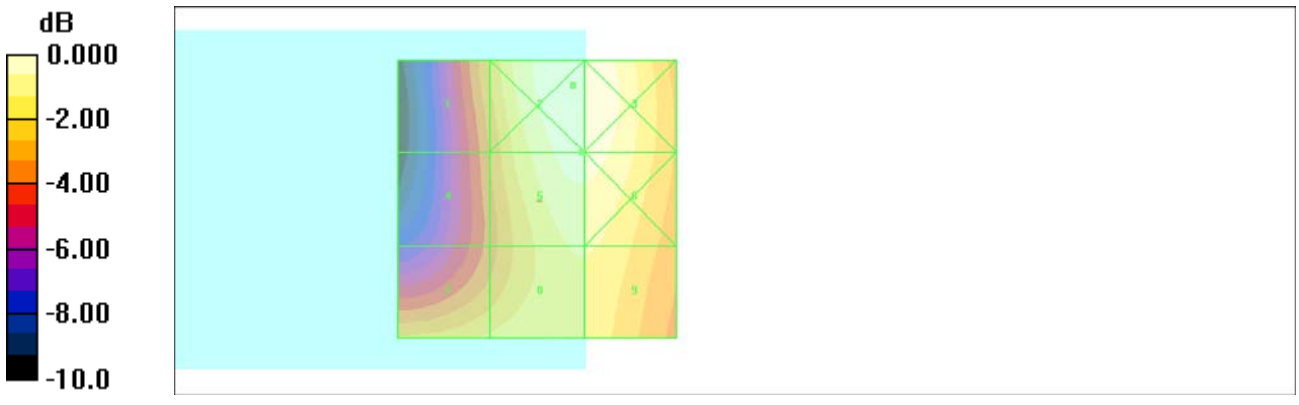
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.4 V/m
Probe Modulation Factor = 0.980
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 50.1 V/m; Power Drift = -0.111 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **33.9 M4**	Grid 2 **45.4 M4**	Grid 3 **45.1 M4**
Grid 4 **31.1 M4**	Grid 5 **43.4 M4**	Grid 6 **43.4 M4**
Grid 7 **36.8 M4**	Grid 8 **39.3 M4**	Grid 9 **39.3 M4**

Cursor:
Total = 45.4 V/m
E Category: M4
Location: -6.5, -20.5, 8.7 mm



0 dB = 45.4V/m

#13 HAC_H_GSM850_Ch128

DUT: 172802-06

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

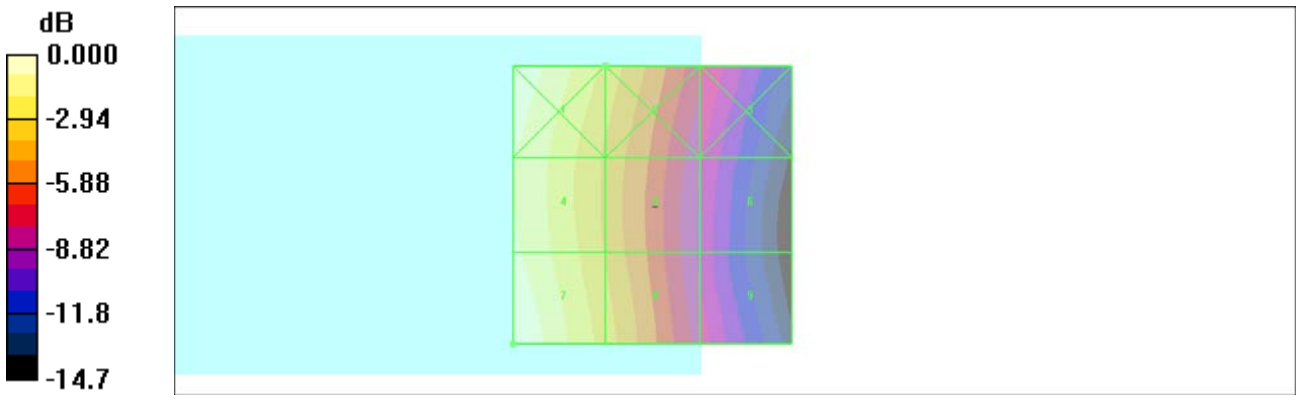
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.185 A/m
Probe Modulation Factor = 1.30
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.071 A/m; Power Drift = -0.069 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.185 M4**	Grid 2 **0.128 M4**	Grid 3 **0.077 M4**
Grid 4 **0.170 M4**	Grid 5 **0.117 M4**	Grid 6 **0.068 M4**
Grid 7 **0.185 M4**	Grid 8 **0.125 M4**	Grid 9 **0.071 M4**

Cursor:
Total = 0.185 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.185A/m

#14 HAC_H_GSM850_Ch189

DUT: 172802-06

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

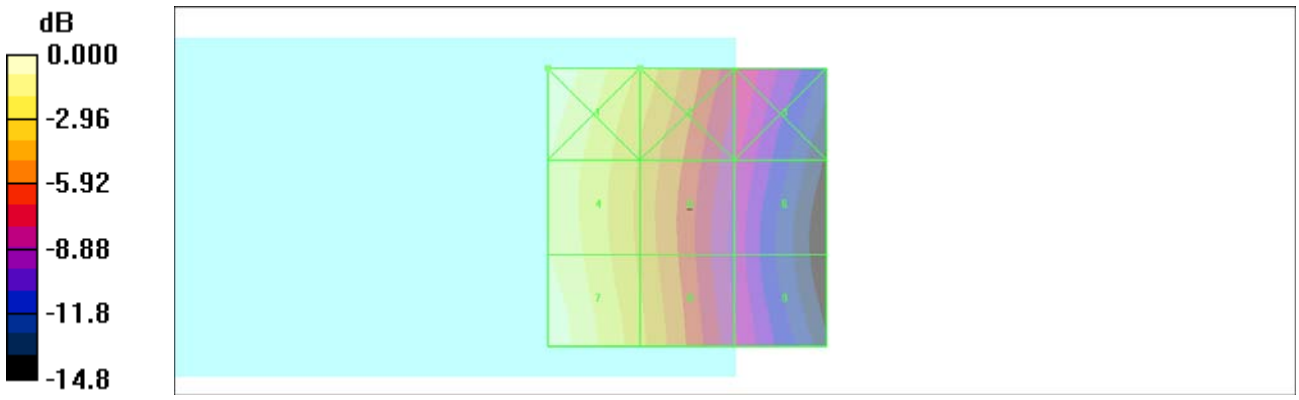
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.184 A/m
Probe Modulation Factor = 1.30
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.071 A/m; Power Drift = -0.006 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.189 M4**	Grid 2 **0.131 M4**	Grid 3 **0.079 M4**
Grid 4 **0.170 M4**	Grid 5 **0.119 M4**	Grid 6 **0.070 M4**
Grid 7 **0.184 M4**	Grid 8 **0.125 M4**	Grid 9 **0.070 M4**

Cursor:
Total = 0.189 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.189A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#15 HAC_H_GSM850_Ch251

DUT: 172802-06

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

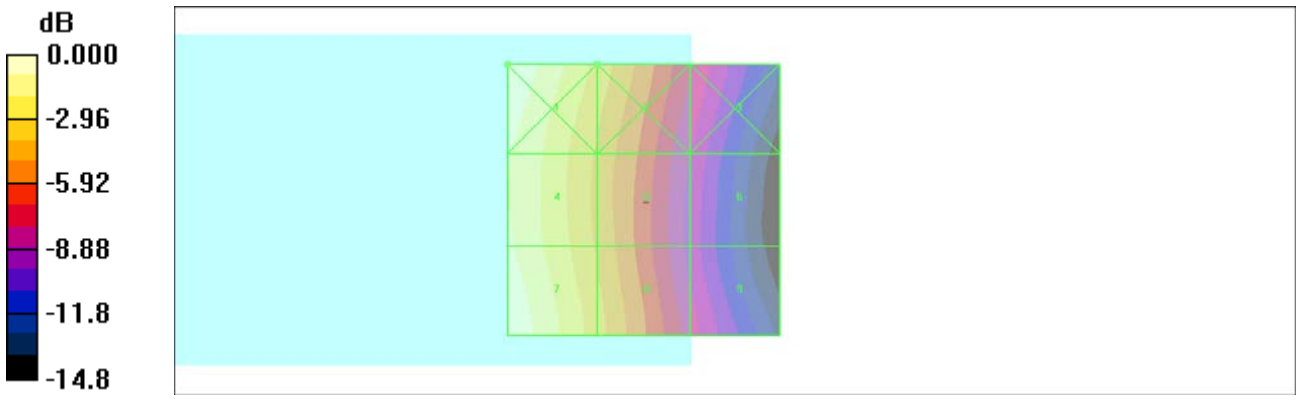
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.189 A/m
Probe Modulation Factor = 1.30
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.072 A/m; Power Drift = 0.006 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.192 M4**	Grid 2 **0.132 M4**	Grid 3 **0.079 M4**
Grid 4 **0.175 M4**	Grid 5 **0.120 M4**	Grid 6 **0.070 M4**
Grid 7 **0.189 M4**	Grid 8 **0.128 M4**	Grid 9 **0.074 M4**

Cursor:
Total = 0.192 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.192A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#16 HAC_H_GSM1900_Ch512

DUT: 172802-06

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

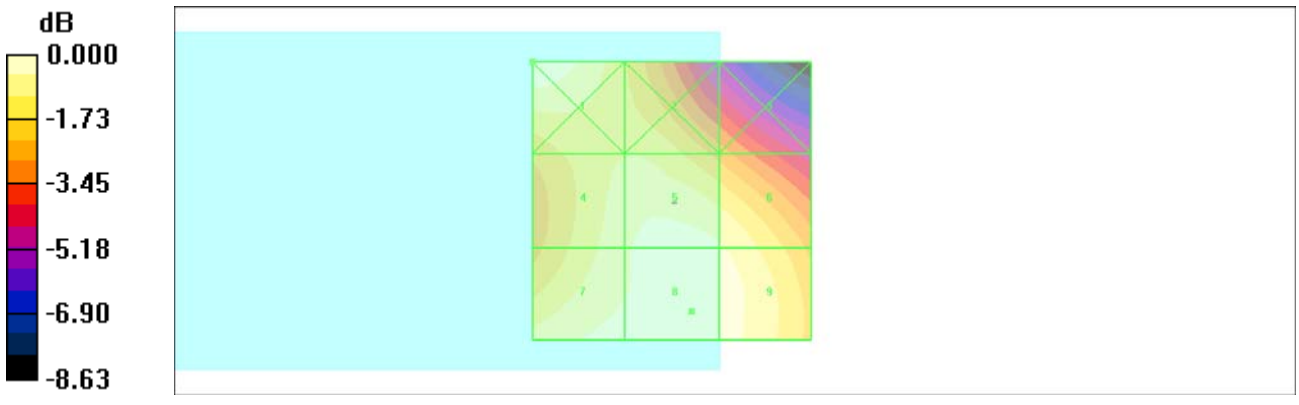
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.097 A/m
Probe Modulation Factor = 1.19
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.089 A/m; Power Drift = 0.055 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.099 M4**	Grid 2 **0.087 M4**	Grid 3 **0.074 M4**
Grid 4 **0.091 M4**	Grid 5 **0.095 M4**	Grid 6 **0.093 M4**
Grid 7 **0.095 M4**	Grid 8 **0.097 M4**	Grid 9 **0.096 M4**

Cursor:
Total = 0.099 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.099A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#17 HAC_H_GSM1900_Ch661

DUT: 172802-06

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

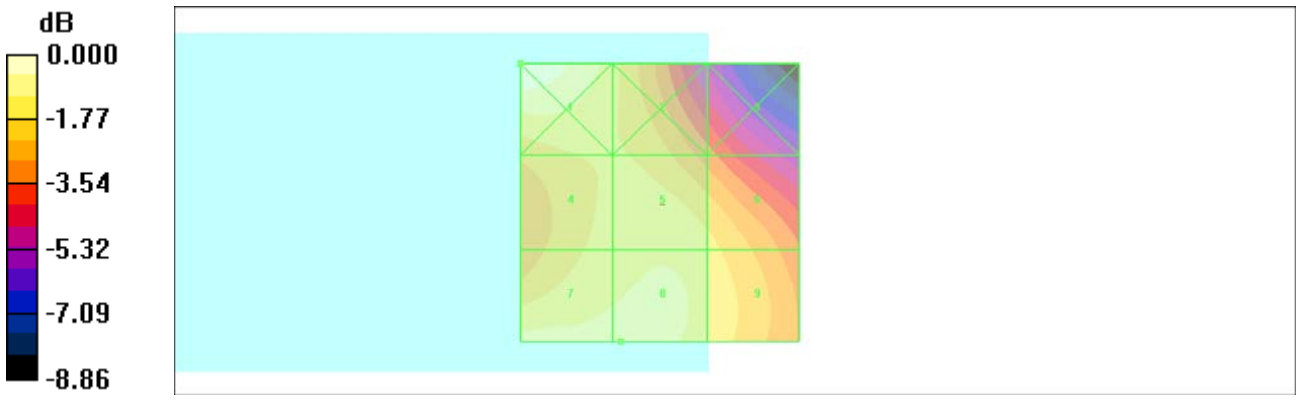
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.091 A/m
Probe Modulation Factor = 1.19
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.084 A/m; Power Drift = 0.011 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.102 M4**	Grid 2 **0.086 M4**	Grid 3 **0.070 M4**
Grid 4 **0.086 M4**	Grid 5 **0.088 M4**	Grid 6 **0.085 M4**
Grid 7 **0.091 M4**	Grid 8 **0.091 M4**	Grid 9 **0.087 M4**

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



0 dB = 0.102A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#18 HAC_H_GSM1900_Ch810

DUT: 172802-06

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

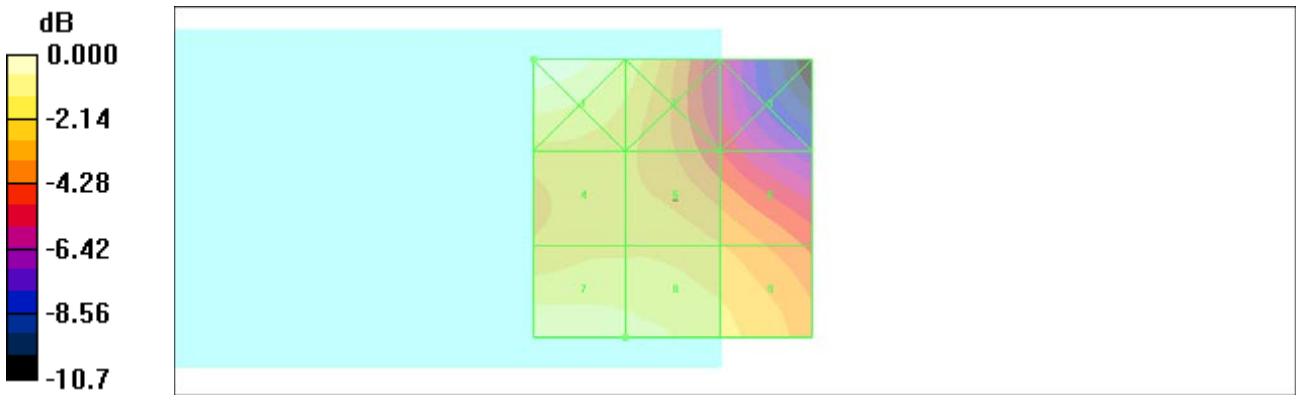
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.092 A/m
Probe Modulation Factor = 1.19
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.068 A/m; Power Drift = 0.030 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.099 M4**	Grid 2 **0.083 M4**	Grid 3 **0.056 M4**
Grid 4 **0.076 M4**	Grid 5 **0.076 M4**	Grid 6 **0.072 M4**
Grid 7 **0.092 M4**	Grid 8 **0.088 M4**	Grid 9 **0.080 M4**

Cursor:
Total = 0.099 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.099A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#19 HAC_H_WCDMA V_RMC12.2K_Ch4132

DUT: 172802-06

Communication System: WCDMA; Frequency: 826.4 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 ℃

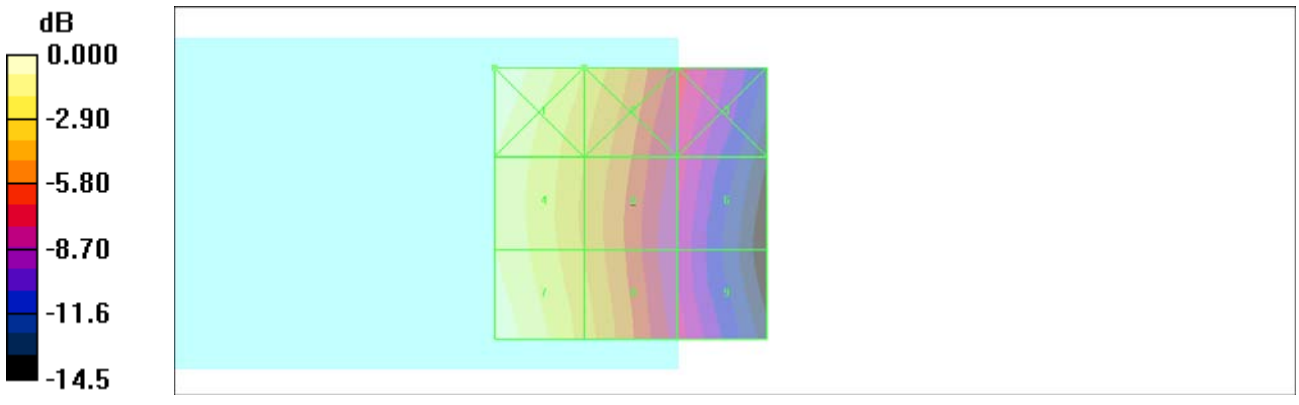
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.108 A/m
Probe Modulation Factor = 0.830
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.067 A/m; Power Drift = 0.061 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.110 M4**	Grid 2 **0.079 M4**	Grid 3 **0.048 M4**
Grid 4 **0.099 M4**	Grid 5 **0.071 M4**	Grid 6 **0.043 M4**
Grid 7 **0.108 M4**	Grid 8 **0.075 M4**	Grid 9 **0.043 M4**

Cursor:
Total = 0.110 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.110A/m

#20 HAC_H_WCDMA V_RMC12.2K_Ch4182

DUT: 172802-06

Communication System: WCDMA; Frequency: 836.4 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 ℃

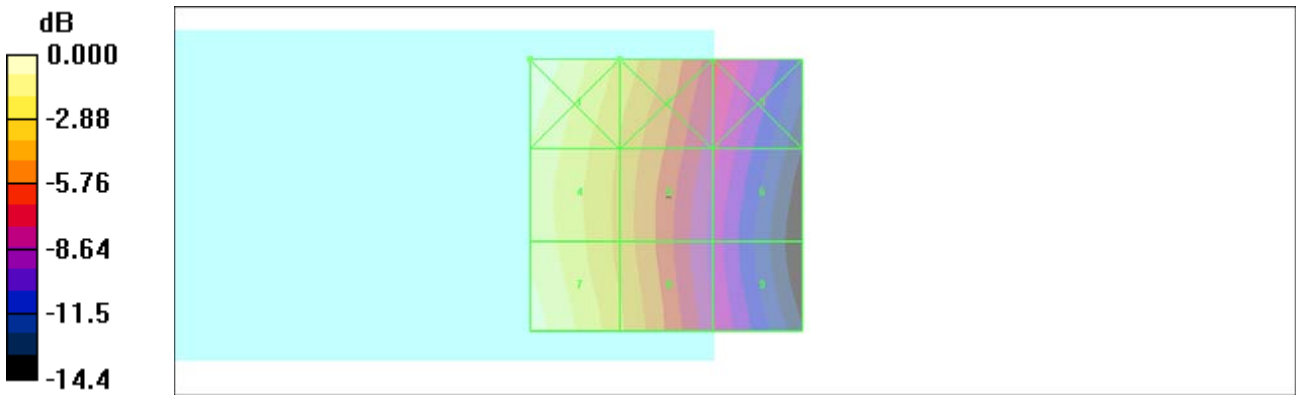
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.120 A/m
Probe Modulation Factor = 0.830
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.076 A/m; Power Drift = 0.013 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.126 M4**	Grid 2 **0.088 M4**	Grid 3 **0.055 M4**
Grid 4 **0.112 M4**	Grid 5 **0.080 M4**	Grid 6 **0.049 M4**
Grid 7 **0.120 M4**	Grid 8 **0.083 M4**	Grid 9 **0.048 M4**

Cursor:
Total = 0.126 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.126A/m

#21 HAC_H_WCDMA V_RMC12.2K_Ch4233

DUT: 172802-06

Communication System: WCDMA; Frequency: 846.6 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 ℃

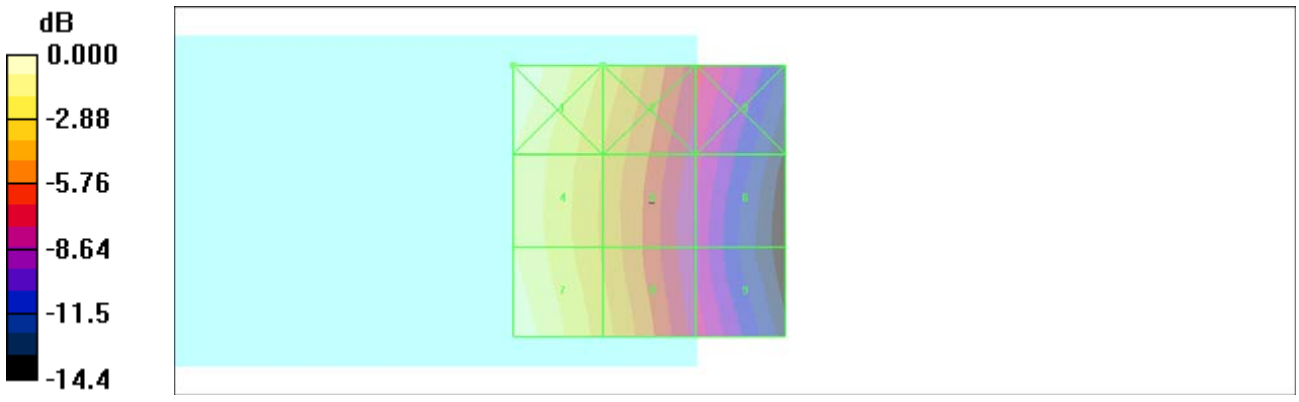
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.106 A/m
Probe Modulation Factor = 0.830
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.067 A/m; Power Drift = 0.045 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.109 M4**	Grid 2 **0.077 M4**	Grid 3 **0.047 M4**
Grid 4 **0.098 M4**	Grid 5 **0.070 M4**	Grid 6 **0.042 M4**
Grid 7 **0.106 M4**	Grid 8 **0.074 M4**	Grid 9 **0.043 M4**

Cursor:
Total = 0.109 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.109A/m

#22 HAC_H_WCDMA II_RMC12.2K_Ch9262

DUT: 172802-06

Communication System: WCDMA; Frequency: 1852.4 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 ℃

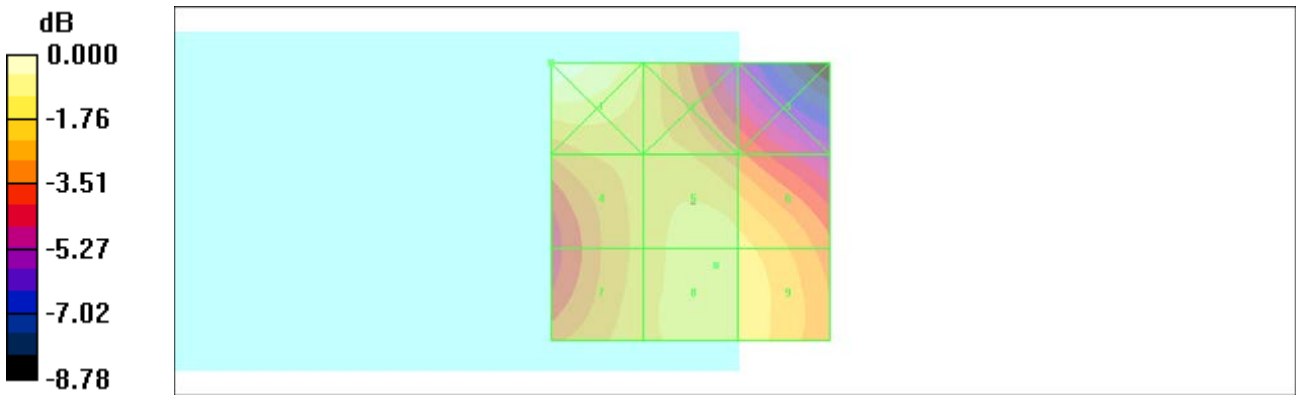
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.055 A/m
Probe Modulation Factor = 0.520
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.115 A/m; Power Drift = 0.030 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.064 M4**	Grid 2 **0.052 M4**	Grid 3 **0.044 M4**
Grid 4 **0.050 M4**	Grid 5 **0.055 M4**	Grid 6 **0.054 M4**
Grid 7 **0.051 M4**	Grid 8 **0.055 M4**	Grid 9 **0.055 M4**

Cursor:
Total = 0.064 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.064A/m

#23 HAC_H_WCDMA II_RMC12.2K_Ch9400

DUT: 172802-06

Communication System: WCDMA; 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：22.5 ℃

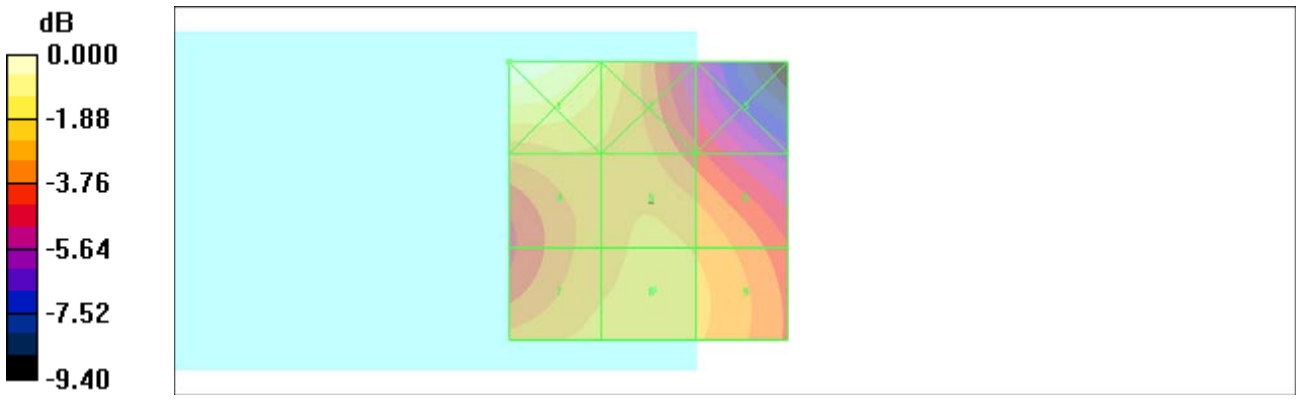
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.053 A/m
Probe Modulation Factor = 0.520
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.112 A/m; Power Drift = -0.008 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.068 M4**	Grid 2 **0.056 M4**	Grid 3 **0.042 M4**
Grid 4 **0.051 M4**	Grid 5 **0.052 M4**	Grid 6 **0.051 M4**
Grid 7 **0.052 M4**	Grid 8 **0.053 M4**	Grid 9 **0.052 M4**

Cursor:
Total = 0.068 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.068A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

#24 HAC_H_WCDMA II_RMC12.2K_Ch9538

DUT: 172802-06

Communication System: WCDMA; Frequency: 1907.6 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 ℃

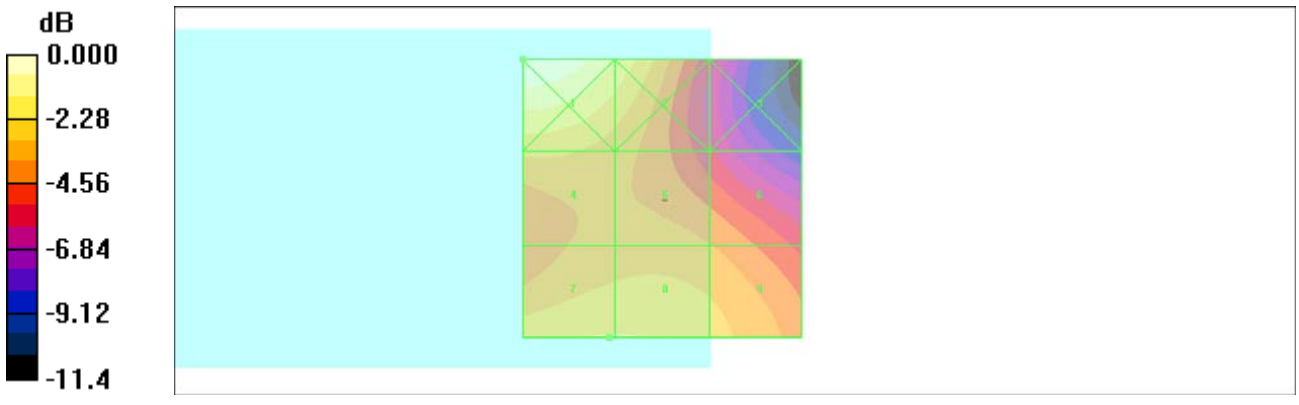
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.050 A/m
Probe Modulation Factor = 0.520
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.093 A/m; Power Drift = -0.156 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.065 M4**	Grid 2 **0.054 M4**	Grid 3 **0.033 M4**
Grid 4 **0.047 M4**	Grid 5 **0.044 M4**	Grid 6 **0.042 M4**
Grid 7 **0.050 M4**	Grid 8 **0.050 M4**	Grid 9 **0.048 M4**

Cursor:
Total = 0.065 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.065A/m