Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#01 HAC_E_GSM850_Ch128

DUT: 250901

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 ℃

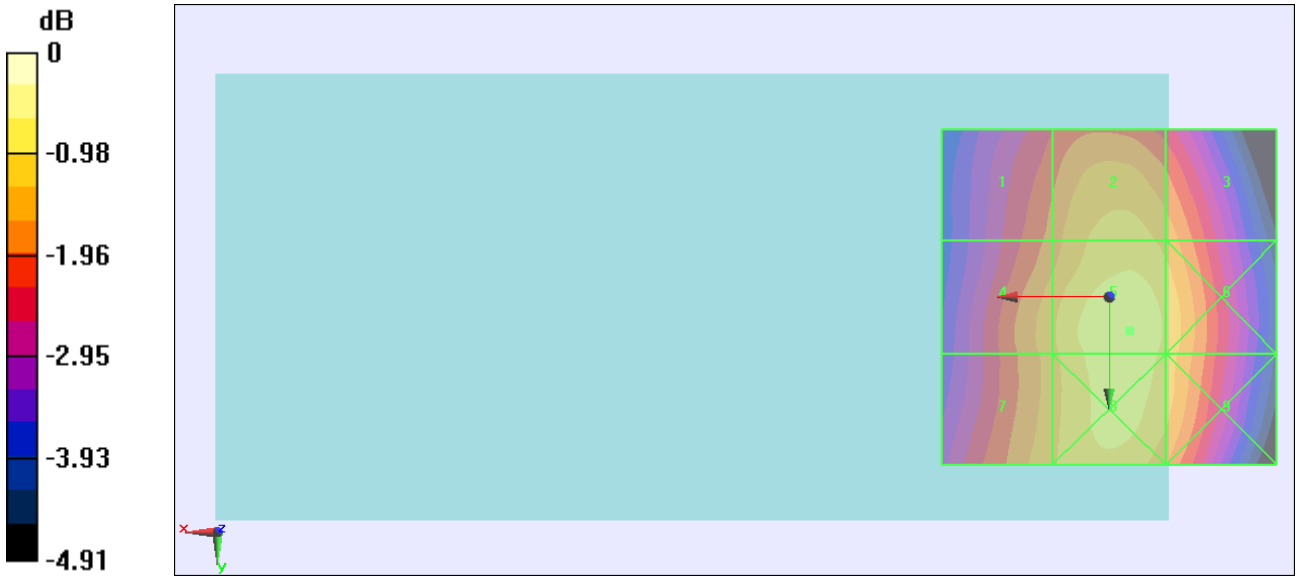
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch128/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 66.27 V/m; Power Drift = -0.04 dB
PMF = 2.640 is applied.
E-field emissions = 138.6 V/m
Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 **M4** **122.8 V/m**	Grid 2 **M4** **132.5 V/m**	Grid 3 **M4** **128.5 V/m**
Grid 4 **M4** **129.3 V/m**	Grid 5 **M4** **138.6 V/m**	Grid 6 **M4** **134.5 V/m**
Grid 7 **M4** **129.5 V/m**	Grid 8 **M4** **137.9 V/m**	Grid 9 **M4** **133.3 V/m**

Cursor:
Total = 138.6 V/m
E Category: M4
Location: -3, 5, 8.7 mm



0 dB = 151.2 V/m = 43.59 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#02 HAC_E_GSM850_Ch189

DUT: 250901

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 ℃

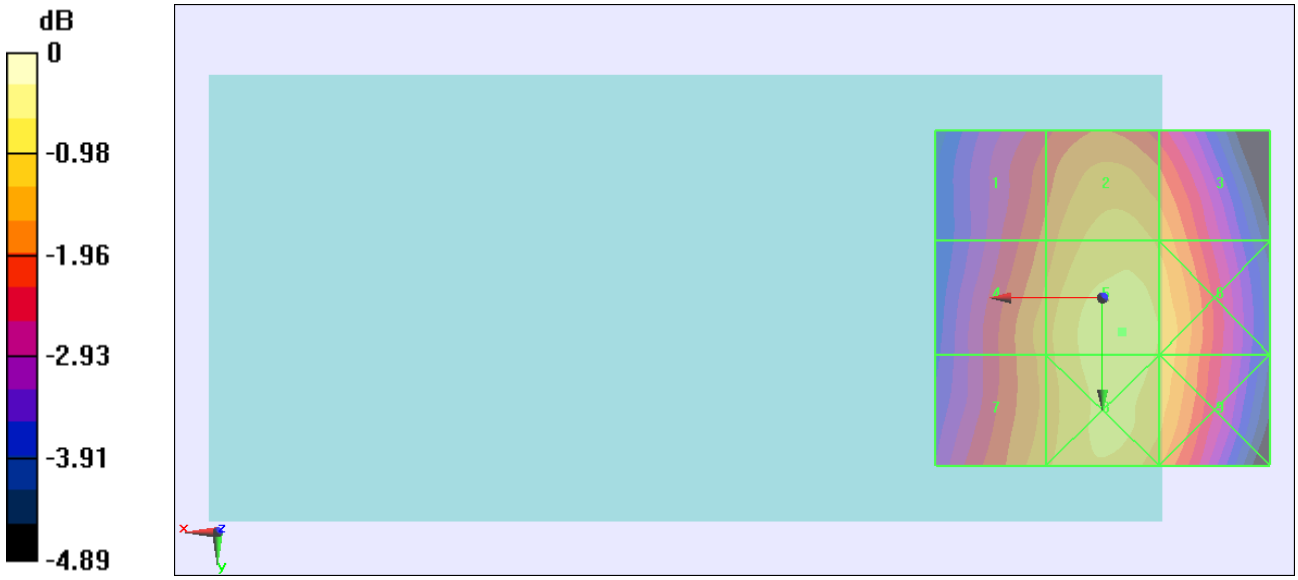
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch189/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 70.26 V/m; Power Drift = -0.02 dB
PMF = 2.640 is applied.
E-field emissions = 146.5 V/m
Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 **M4** **129.6 V/m**	Grid 2 **M4** **140.5 V/m**	Grid 3 **M4** **136.7 V/m**
Grid 4 **M4** **135.9 V/m**	Grid 5 **M4** **146.5 V/m**	Grid 6 **M4** **142.9 V/m**
Grid 7 **M4** **136.6 V/m**	Grid 8 **M4** **145.6 V/m**	Grid 9 **M4** **142.2 V/m**

Cursor:
Total = 146.5 V/m
E Category: M4
Location: -3, 5, 8.7 mm



0 dB = 159.9 V/m = 44.08 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#03 HAC_E_GSM850_Ch251

DUT: 250901

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 ℃

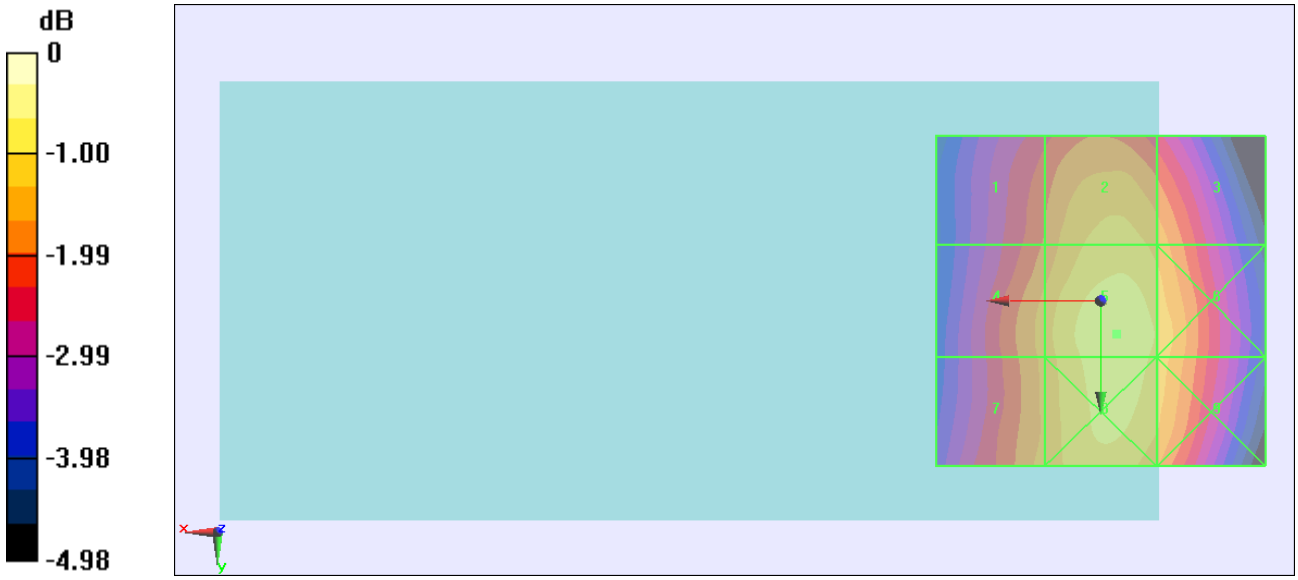
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 73.64 V/m; Power Drift = 0.02 dB
PMF = 2.640 is applied.
E-field emissions = 155.2 V/m
Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 **M4** **135.7 V/m**	Grid 2 **M4** **148.1 V/m**	Grid 3 **M4** **143.6 V/m**
Grid 4 **M4** **142.9 V/m**	Grid 5 **M3** **155.2 V/m**	Grid 6 **M3** **150.7 V/m**
Grid 7 **M4** **142.5 V/m**	Grid 8 **M3** **154.4 V/m**	Grid 9 **M4** **149.3 V/m**

Cursor:
Total = 155.2 V/m
E Category: M3
Location: -2.5, 5, 8.7 mm



0 dB = 169.4 V/m = 44.58 dBV/m

#04 HAC_E_GSM1900_Ch512

DUT: 250901

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 ℃

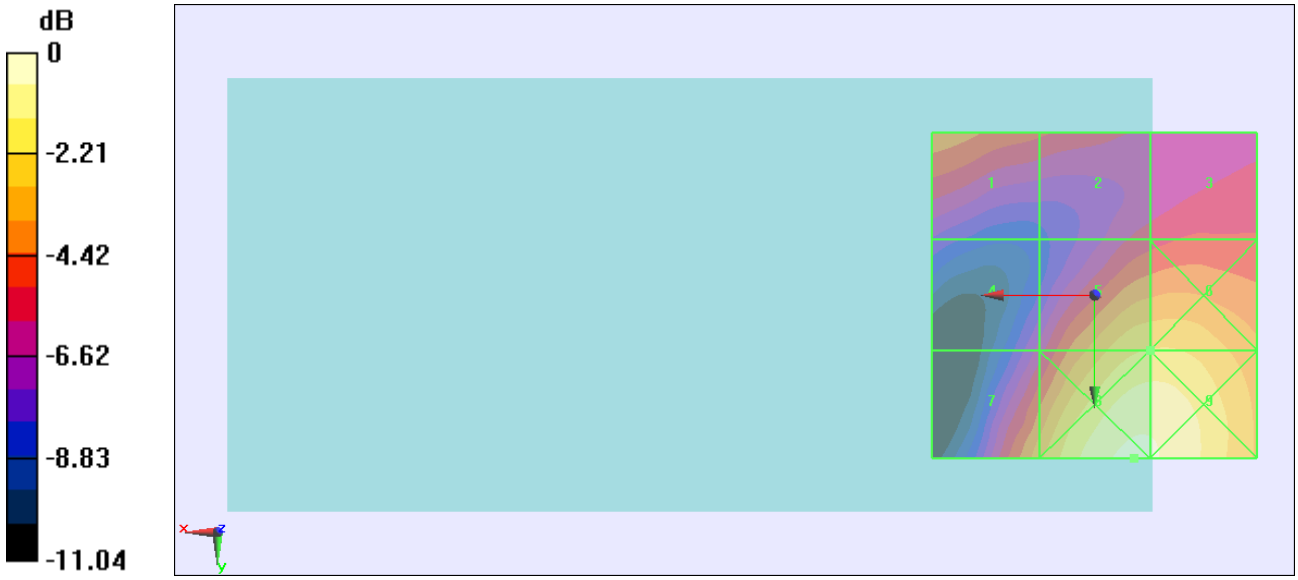
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.11 V/m; Power Drift = 0.05 dB
PMF = 2.700 is applied.
E-field emissions = 54.01 V/m
Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 **M4** **44.32 V/m**	Grid 2 **M4** **39.21 V/m**	Grid 3 **M4** **39.01 V/m**
Grid 4 **M4** **33.83 V/m**	Grid 5 **M3** **54.01 V/m**	Grid 6 **M3** **54.20 V/m**
Grid 7 **M3** **48.30 V/m**	Grid 8 **M3** **64.92 V/m**	Grid 9 **M3** **64.29 V/m**

Cursor:
Total = 64.92 V/m
E Category: M3
Location: -6, 25, 8.7 mm



0 dB = 69.27 V/m = 36.81 dBV/m

#05 HAC_E_GSM1900_Ch661

DUT: 250901

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 ℃

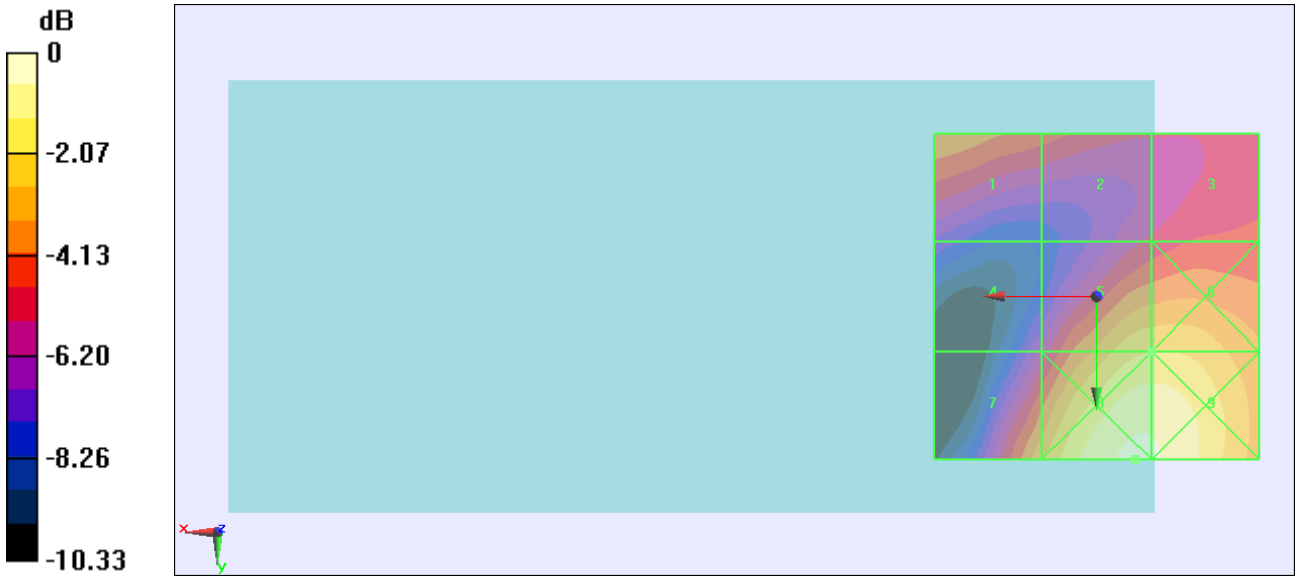
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.12 V/m; Power Drift = 0.13 dB
PMF = 2.700 is applied.
E-field emissions = 58.58 V/m
Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 **M3** **49.89 V/m**	Grid 2 **M4** **44.79 V/m**	Grid 3 **M4** **43.72 V/m**
Grid 4 **M4** **37.44 V/m**	Grid 5 **M3** **58.58 V/m**	Grid 6 **M3** **58.77 V/m**
Grid 7 **M3** **53.21 V/m**	Grid 8 **M3** **69.66 V/m**	Grid 9 **M3** **69.22 V/m**

Cursor:
Total = 69.66 V/m
E Category: M3
Location: -6, 25, 8.7 mm



0 dB = 74.33 V/m = 37.42 dBV/m

#06 HAC_E_GSM1900_Ch810

DUT: 250901

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 ℃

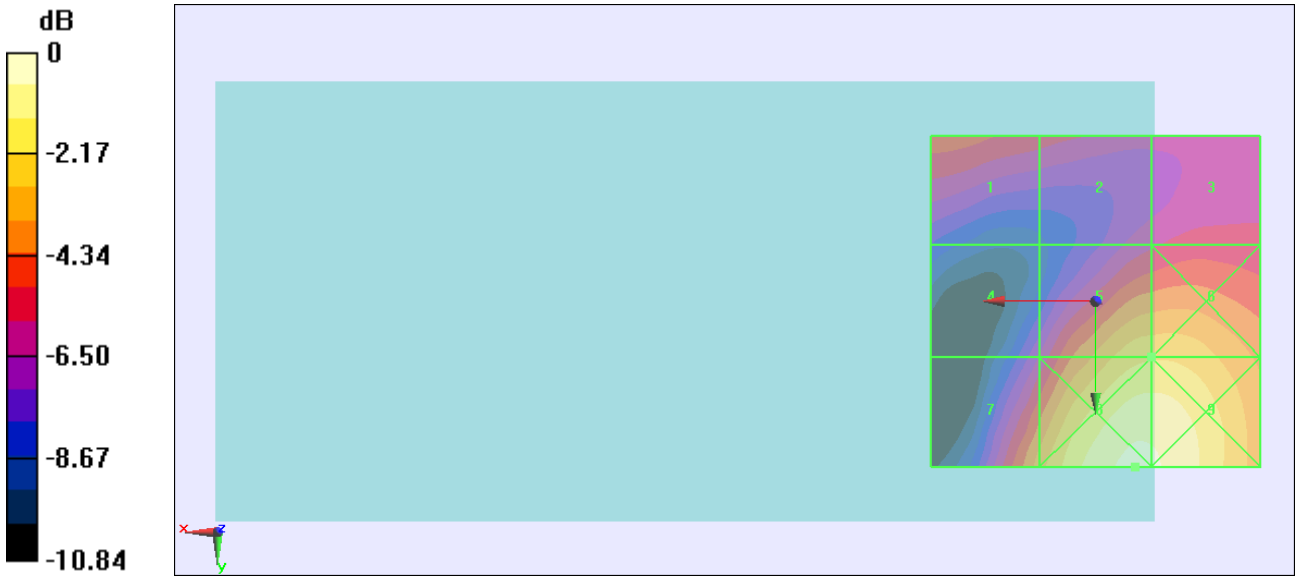
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.90 V/m; Power Drift = 0.13 dB
PMF = 2.700 is applied.
E-field emissions = 61.81 V/m
Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 **M4** **46.94 V/m**	Grid 2 **M4** **43.53 V/m**	Grid 3 **M4** **43.06 V/m**
Grid 4 **M4** **38.55 V/m**	Grid 5 **M3** **61.81 V/m**	Grid 6 **M3** **61.95 V/m**
Grid 7 **M3** **55.51 V/m**	Grid 8 **M3** **75.06 V/m**	Grid 9 **M3** **74.47 V/m**

Cursor:
Total = 75.06 V/m
E Category: M3
Location: -6, 25, 8.7 mm



0 dB = 80.09 V/m = 38.07 dBV/m

#07 HAC_E_WCDMA V_RMC12.2K_Ch4132

DUT: 250901

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 ℃

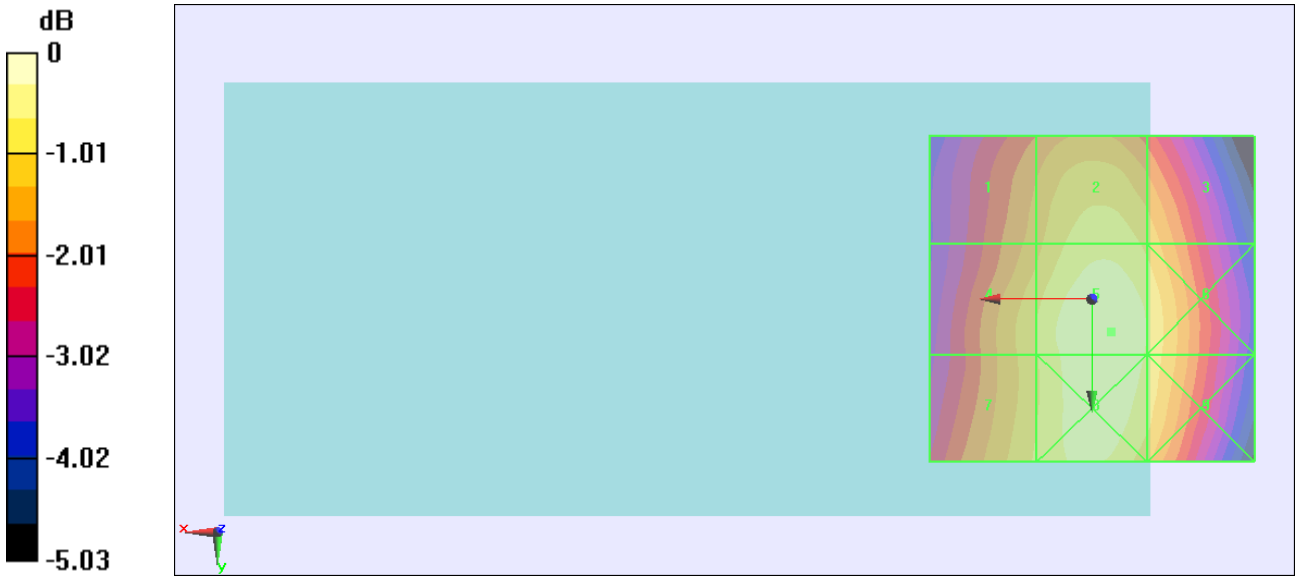
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 65.46 V/m; Power Drift = 0.07 dB
PMF = 0.9600 is applied.
E-field emissions = 50.52 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **44.57 V/m**	Grid 2 **M4** **48.13 V/m**	Grid 3 **M4** **46.42 V/m**
Grid 4 **M4** **47.02 V/m**	Grid 5 **M4** **50.52 V/m**	Grid 6 **M4** **48.69 V/m**
Grid 7 **M4** **47.20 V/m**	Grid 8 **M4** **50.26 V/m**	Grid 9 **M4** **48.46 V/m**

Cursor:
Total = 50.52 V/m
E Category: M4
Location: -3, 5, 8.7 mm



0 dB = 52.62 V/m = 34.42 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#08 HAC_E_WCDMA V_RMC12.2K_Ch4182

DUT: 250901

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 ℃

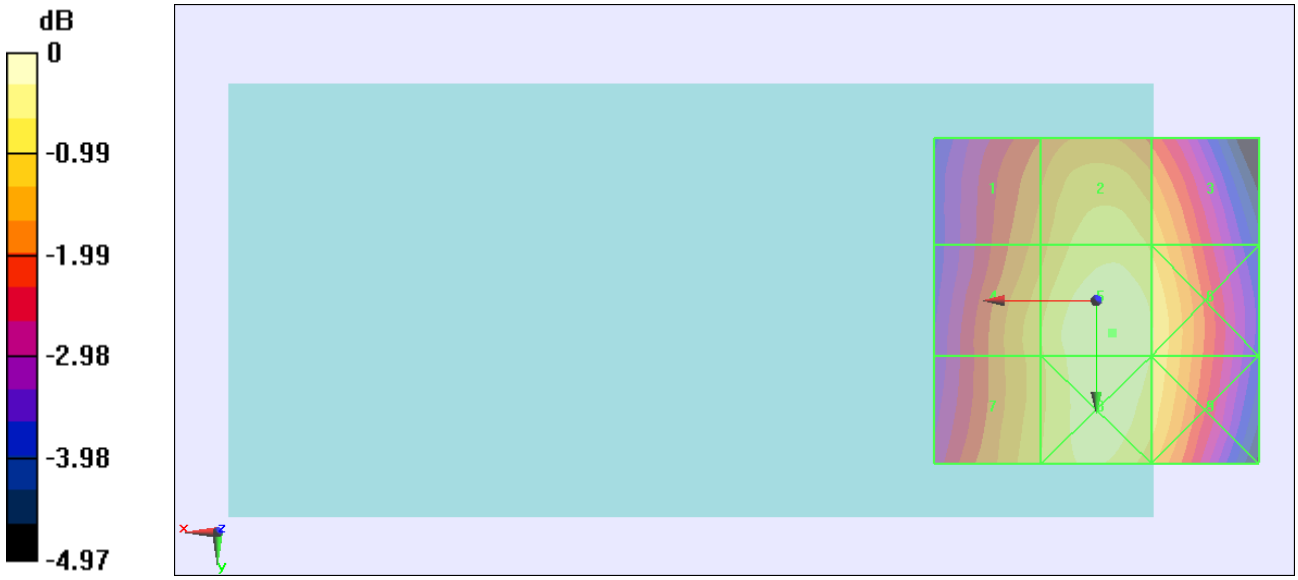
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4182/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 69.94 V/m; Power Drift = -0.03 dB
PMF = 0.9600 is applied.
E-field emissions = 53.53 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **47.20 V/m**	Grid 2 **M4** **51.07 V/m**	Grid 3 **M4** **49.45 V/m**
Grid 4 **M4** **49.71 V/m**	Grid 5 **M4** **53.53 V/m**	Grid 6 **M4** **51.86 V/m**
Grid 7 **M4** **49.76 V/m**	Grid 8 **M4** **53.27 V/m**	Grid 9 **M4** **51.59 V/m**

Cursor:
Total = 53.53 V/m
E Category: M4
Location: -2.5, 5, 8.7 mm



0 dB = 55.76 V/m = 34.93 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#09 HAC_E_WCDMA V_RMC12.2K_Ch4233

DUT: 250901

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 ℃

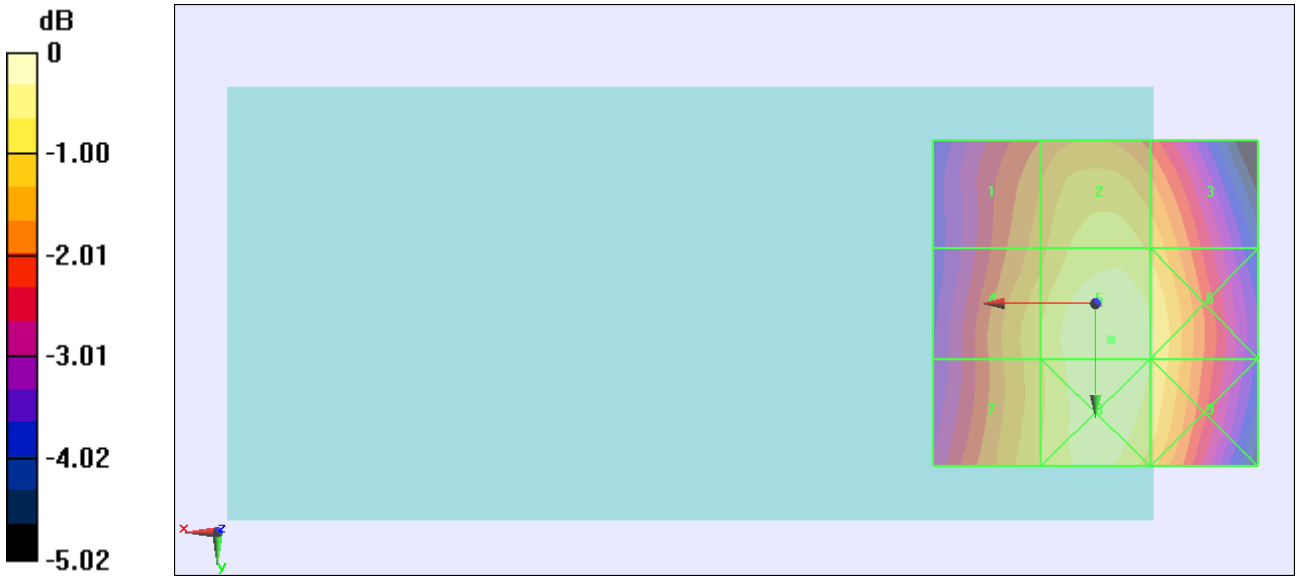
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4233/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 80.04 V/m; Power Drift = -0.01 dB
PMF = 0.9600 is applied.
E-field emissions = 61.21 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **53.98 V/m**	Grid 2 **M4** **58.26 V/m**	Grid 3 **M4** **56.38 V/m**
Grid 4 **M4** **56.88 V/m**	Grid 5 **M4** **61.21 V/m**	Grid 6 **M4** **59.39 V/m**
Grid 7 **M4** **57.05 V/m**	Grid 8 **M4** **60.97 V/m**	Grid 9 **M4** **59.13 V/m**

Cursor:
Total = 61.21 V/m
E Category: M4
Location: -2.5, 5.5, 8.7 mm



0 dB = 63.76 V/m = 36.09 dBV/m

#10 HAC_E_WCDMA II_RMC12.2K_Ch9262

DUT: 250901

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 ℃

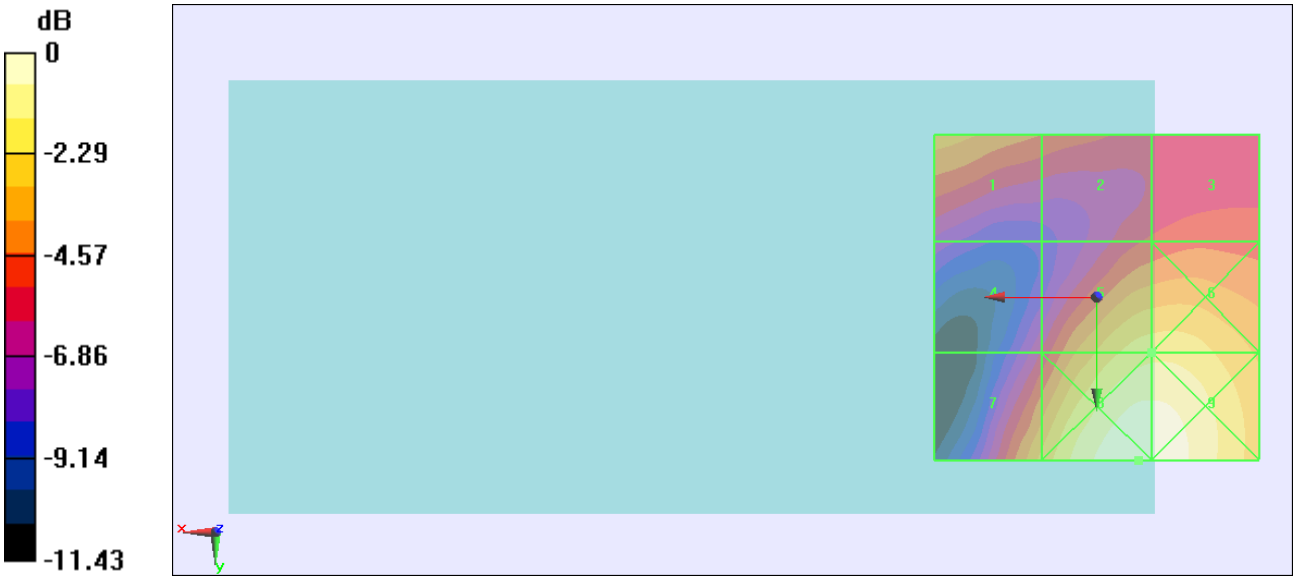
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 24.65 V/m; Power Drift = 0.03 dB
PMF = 0.9800 is applied.
E-field emissions = 28.27 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **23.41 V/m**	Grid 2 **M4** **20.57 V/m**	Grid 3 **M4** **20.17 V/m**
Grid 4 **M4** **17.45 V/m**	Grid 5 **M4** **28.27 V/m**	Grid 6 **M4** **28.41 V/m**
Grid 7 **M4** **25.18 V/m**	Grid 8 **M4** **33.99 V/m**	Grid 9 **M4** **33.81 V/m**

Cursor:
Total = 33.99 V/m
E Category: M4
Location: -6.5, 25, 8.7 mm



0 dB = 34.68 V/m = 30.80 dBV/m

#11 HAC_E_WCDMA II_RMC12.2K_Ch9400

DUT: 250901

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 ℃

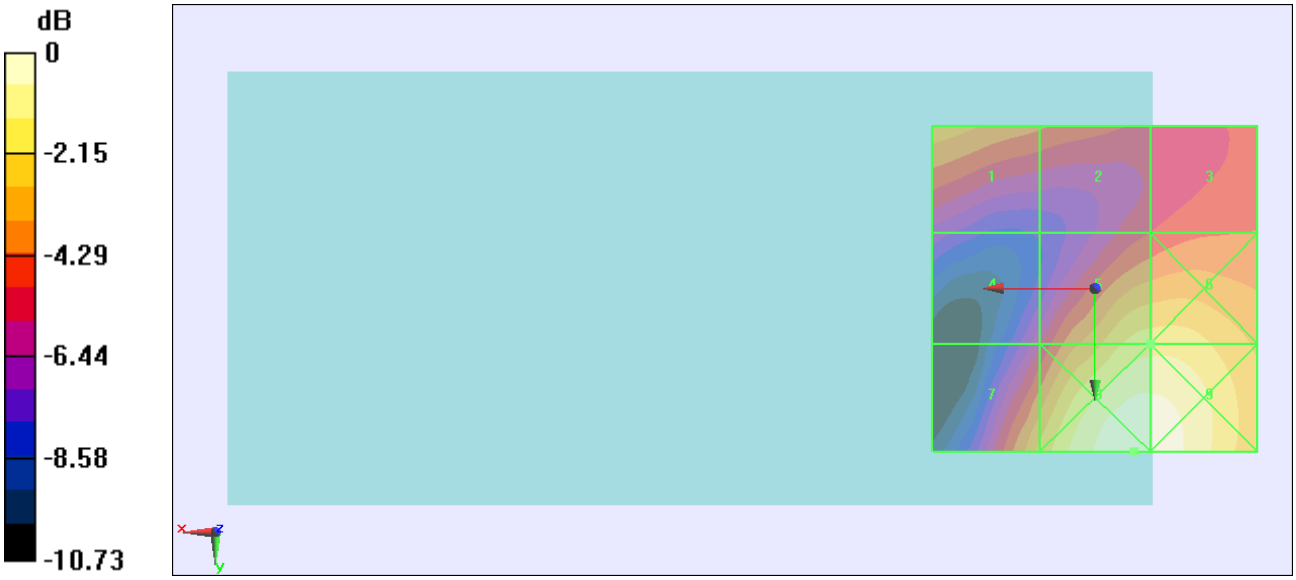
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9400/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 23.80 V/m; Power Drift = 0.11 dB
PMF = 0.9800 is applied.
E-field emissions = 28.18 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **24.01 V/m**	Grid 2 **M4** **21.37 V/m**	Grid 3 **M4** **21.08 V/m**
Grid 4 **M4** **17.74 V/m**	Grid 5 **M4** **28.18 V/m**	Grid 6 **M4** **28.29 V/m**
Grid 7 **M4** **25.40 V/m**	Grid 8 **M4** **33.68 V/m**	Grid 9 **M4** **33.37 V/m**

Cursor:
Total = 33.68 V/m
E Category: M4
Location: -6, 25, 8.7 mm



0 dB = 34.37 V/m = 30.72 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#12 HAC_E_WCDMA II_RMC12.2K_Ch9538

DUT: 250901

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 ℃

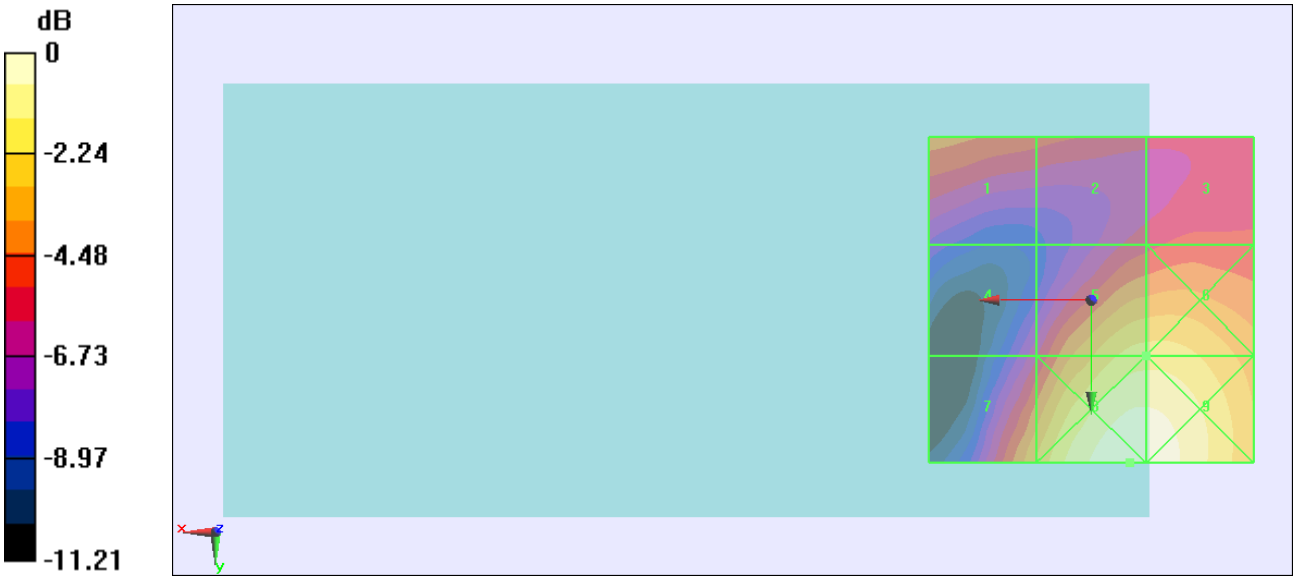
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9538/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 22.77 V/m; Power Drift = 0.13 dB
PMF = 0.9800 is applied.
E-field emissions = 26.96 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **20.72 V/m**	Grid 2 **M4** **19.12 V/m**	Grid 3 **M4** **18.92 V/m**
Grid 4 **M4** **16.59 V/m**	Grid 5 **M4** **26.96 V/m**	Grid 6 **M4** **27.02 V/m**
Grid 7 **M4** **24.03 V/m**	Grid 8 **M4** **32.72 V/m**	Grid 9 **M4** **32.47 V/m**

Cursor:
Total = 32.72 V/m
E Category: M4
Location: -6, 25, 8.7 mm



0 dB = 33.39 V/m = 30.47 dBV/m

#13 HAC_H_GSM850_Ch128

DUT: 250901

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 ℃

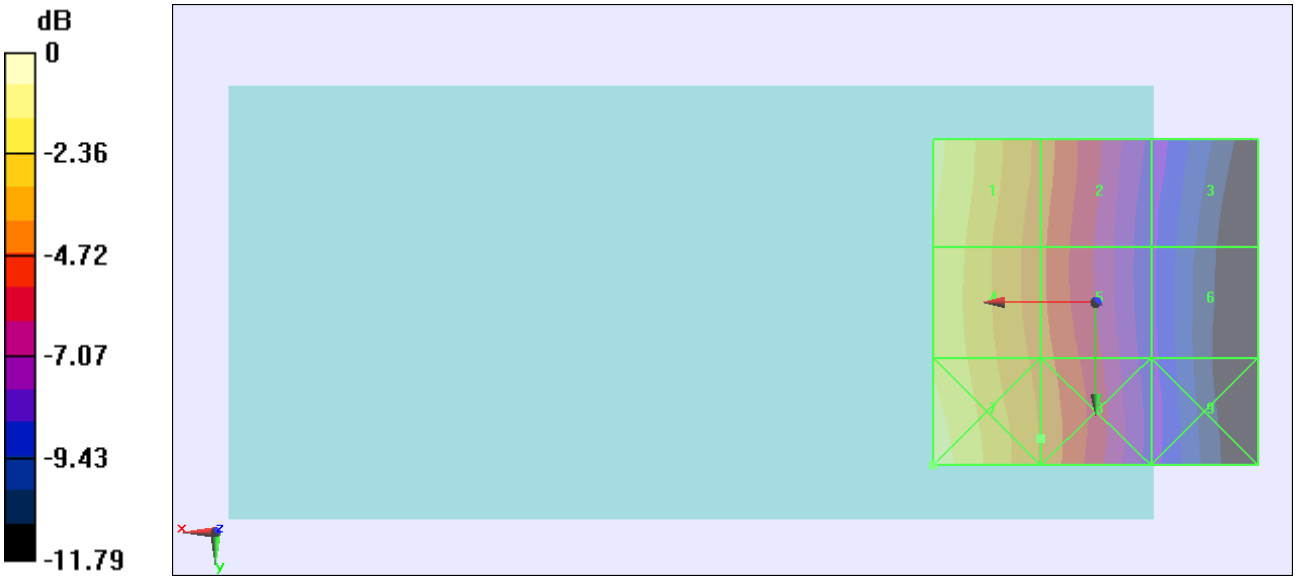
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch128/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.06200 A/m; Power Drift = -0.04 dB
PMF = 2.540 is applied.
H-field emissions = 0.2719 A/m
Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 **M4** **0.272 A/m**	Grid 2 **M4** **0.194 A/m**	Grid 3 **M4** **0.126 A/m**
Grid 4 **M4** **0.262 A/m**	Grid 5 **M4** **0.193 A/m**	Grid 6 **M4** **0.121 A/m**
Grid 7 **M4** **0.278 A/m**	Grid 8 **M4** **0.200 A/m**	Grid 9 **M4** **0.124 A/m**

Cursor:
Total = 0.2783 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.3157 A/m = -10.01 dBA/m

#14 HAC_H_GSM850_Ch189

DUT: 250901

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 ℃

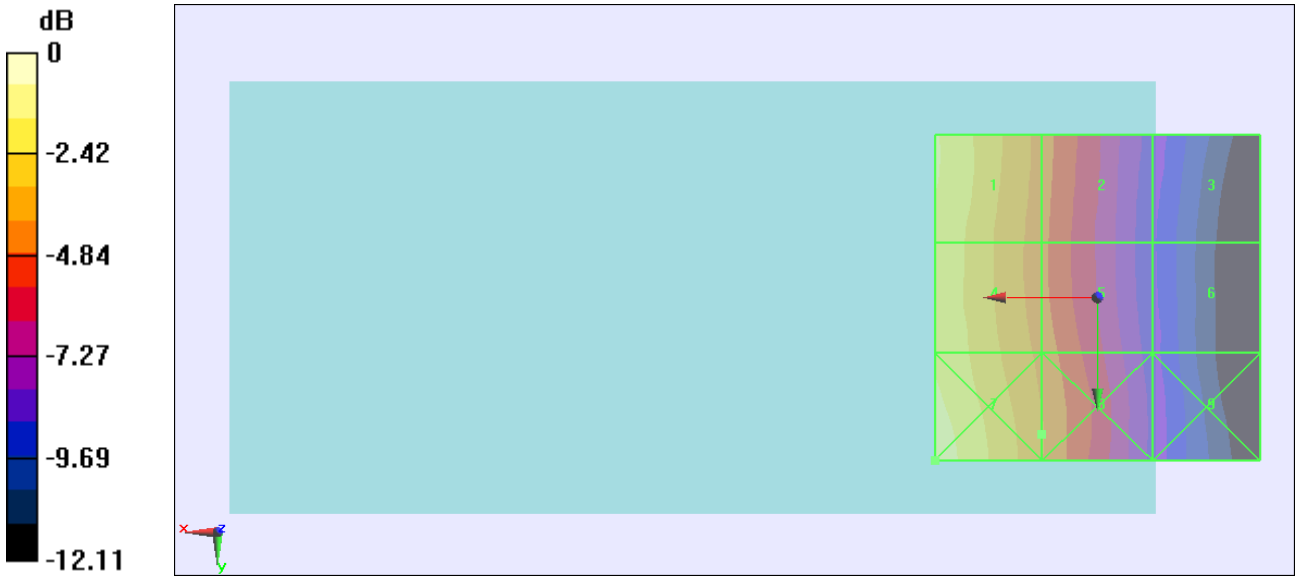
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch189/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.06600 A/m; Power Drift = -0.00 dB
PMF = 2.540 is applied.
H-field emissions = 0.2907 A/m
Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 **M4** **0.291 A/m**	Grid 2 **M4** **0.209 A/m**	Grid 3 **M4** **0.132 A/m**
Grid 4 **M4** **0.284 A/m**	Grid 5 **M4** **0.210 A/m**	Grid 6 **M4** **0.130 A/m**
Grid 7 **M4** **0.305 A/m**	Grid 8 **M4** **0.219 A/m**	Grid 9 **M4** **0.134 A/m**

Cursor:
Total = 0.3047 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.3456 A/m = -9.23 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#15 HAC_H_GSM850_Ch251

DUT: 250901

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 ℃

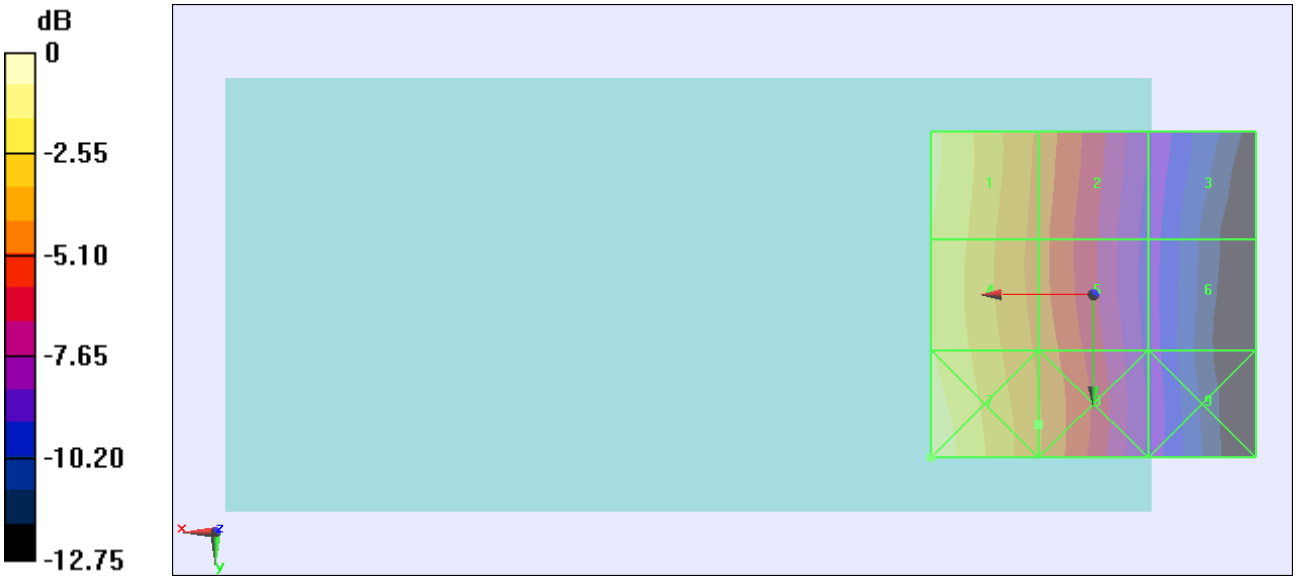
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.06900 A/m; Power Drift = 0.01 dB
PMF = 2.540 is applied.
H-field emissions = 0.3110 A/m
Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

Grid 1 **M4** **0.311 A/m**	Grid 2 **M4** **0.221 A/m**	Grid 3 **M4** **0.139 A/m**
Grid 4 **M4** **0.304 A/m**	Grid 5 **M4** **0.220 A/m**	Grid 6 **M4** **0.134 A/m**
Grid 7 **M4** **0.323 A/m**	Grid 8 **M4** **0.228 A/m**	Grid 9 **M4** **0.137 A/m**

Cursor:
Total = 0.3227 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.3660 A/m = -8.73 dBA/m

#16 HAC_H_GSM1900_Ch512

DUT: 250901

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 ℃

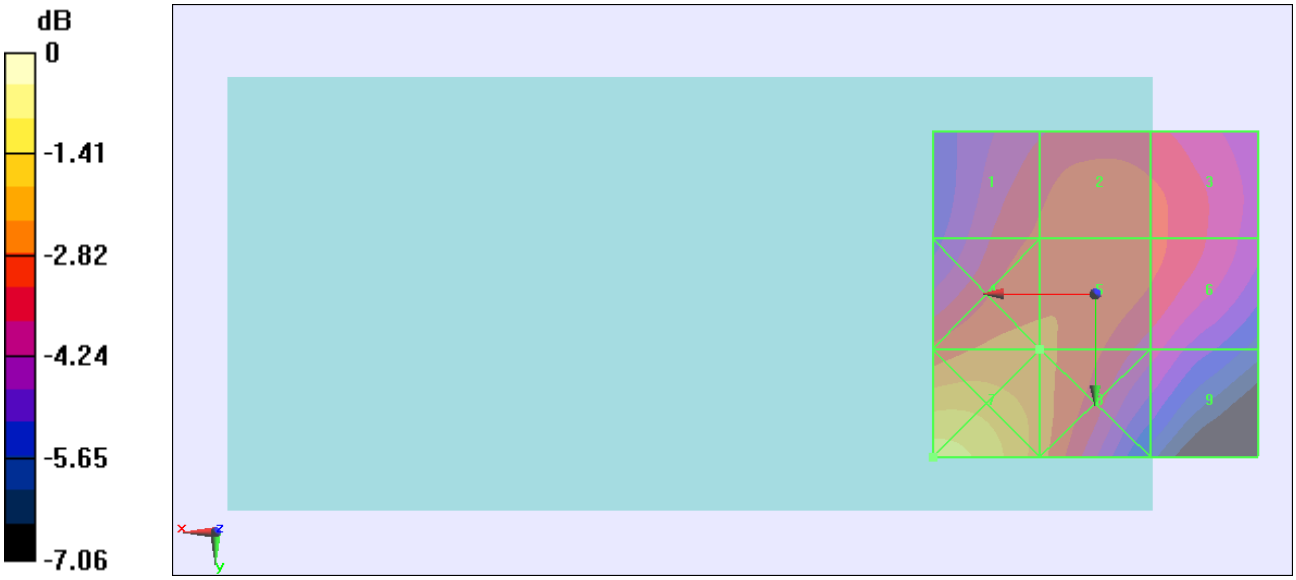
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.06500 A/m; Power Drift = 0.08 dB
PMF = 2.520 is applied.
H-field emissions = 0.1505 A/m
Near-field category: M3 (AWF -5 dB)

PMF scaled H-field

Grid 1 **M3** **0.144 A/m**	Grid 2 **M3** **0.149 A/m**	Grid 3 **M3** **0.144 A/m**
Grid 4 **M3** **0.152 A/m**	Grid 5 **M3** **0.151 A/m**	Grid 6 **M3** **0.144 A/m**
Grid 7 **M3** **0.181 A/m**	Grid 8 **M3** **0.154 A/m**	Grid 9 **M4** **0.130 A/m**

Cursor:
Total = 0.1808 A/m
H Category: M3
Location: 25, 25, 8.7 mm



0 dB = 0.2067 A/m = -13.69 dBA/m

#17 HAC_H_GSM1900_Ch661

DUT: 250901

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 ℃

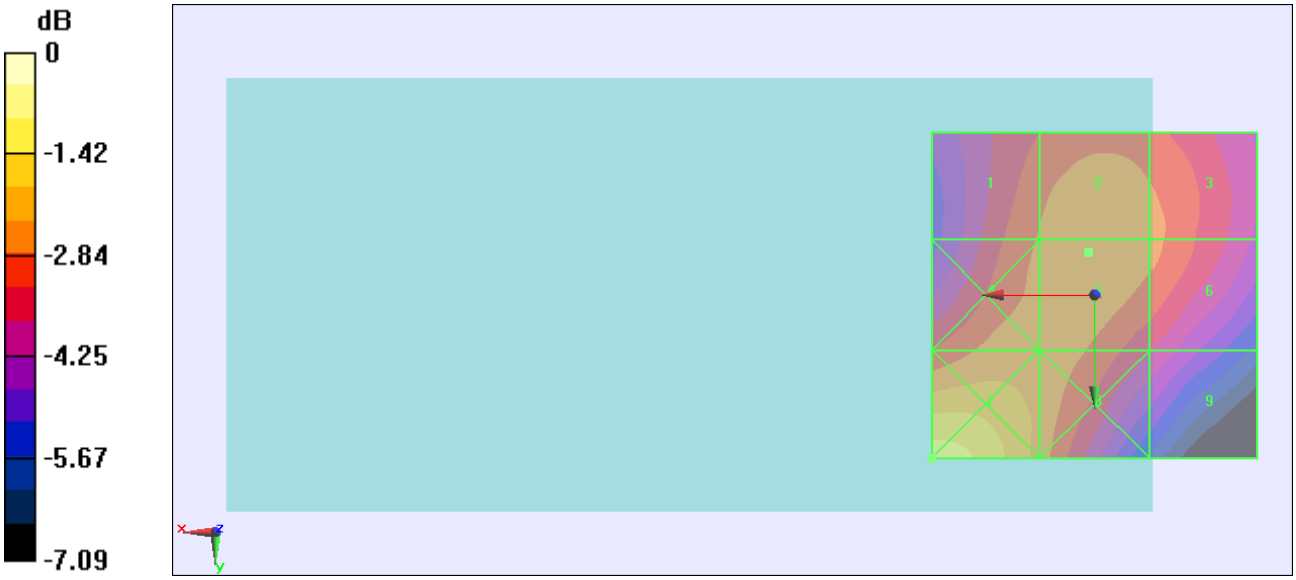
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.07200 A/m; Power Drift = -0.03 dB
PMF = 2.520 is applied.
H-field emissions = 0.1632 A/m
Near-field category: M3 (AWF -5 dB)

PMF scaled H-field

Grid 1 **M3** **0.157 A/m**	Grid 2 **M3** **0.163 A/m**	Grid 3 **M3** **0.159 A/m**
Grid 4 **M3** **0.160 A/m**	Grid 5 **M3** **0.163 A/m**	Grid 6 **M3** **0.158 A/m**
Grid 7 **M3** **0.189 A/m**	Grid 8 **M3** **0.162 A/m**	Grid 9 **M4** **0.140 A/m**

Cursor:
Total = 0.1886 A/m
H Category: M3
Location: 25, 25, 8.7 mm



0 dB = 0.2156 A/m = -13.33 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#18 HAC_H_GSM1900_Ch810

DUT: 250901

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 ℃

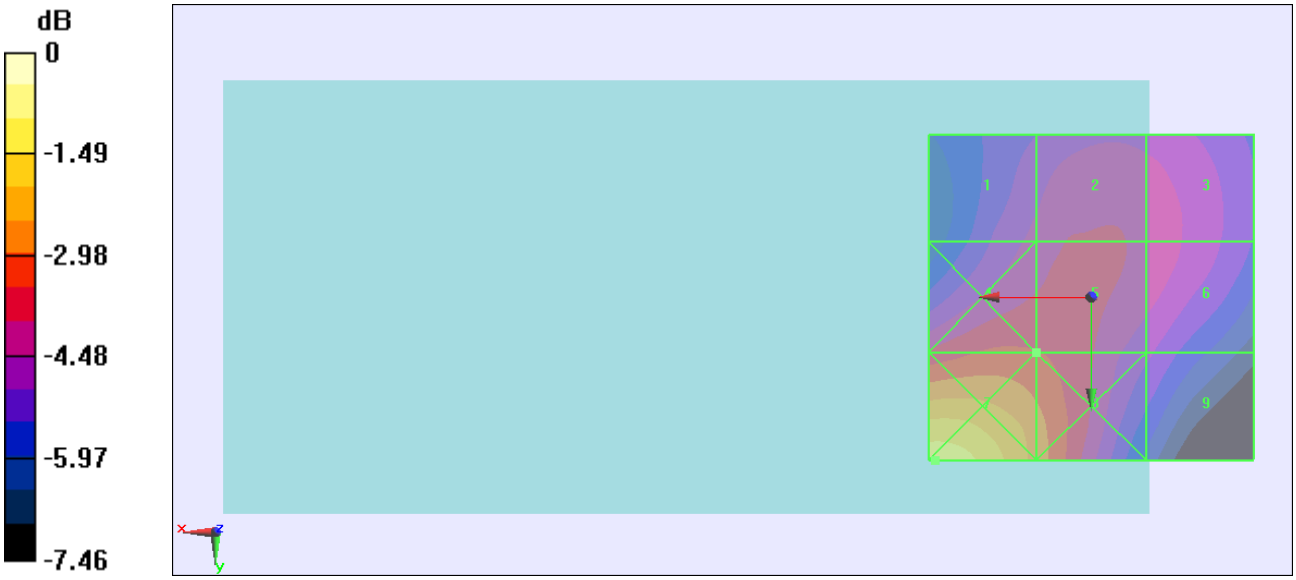
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.07500 A/m; Power Drift = 0.02 dB
PMF = 2.520 is applied.
H-field emissions = 0.1737 A/m
Near-field category: M3 (AWF -5 dB)

PMF scaled H-field

Grid 1 **M3** **0.158 A/m**	Grid 2 **M3** **0.165 A/m**	Grid 3 **M3** **0.161 A/m**
Grid 4 **M3** **0.175 A/m**	Grid 5 **M3** **0.174 A/m**	Grid 6 **M3** **0.161 A/m**
Grid 7 **M3** **0.226 A/m**	Grid 8 **M3** **0.190 A/m**	Grid 9 **M3** **0.148 A/m**

Cursor:
Total = 0.2257 A/m
H Category: M3
Location: 24, 25, 8.7 mm



0 dB = 0.2581 A/m = -11.76 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#19 HAC_H_WCDMA V_RMC12.2K_Ch4132

DUT: 250901

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 ℃

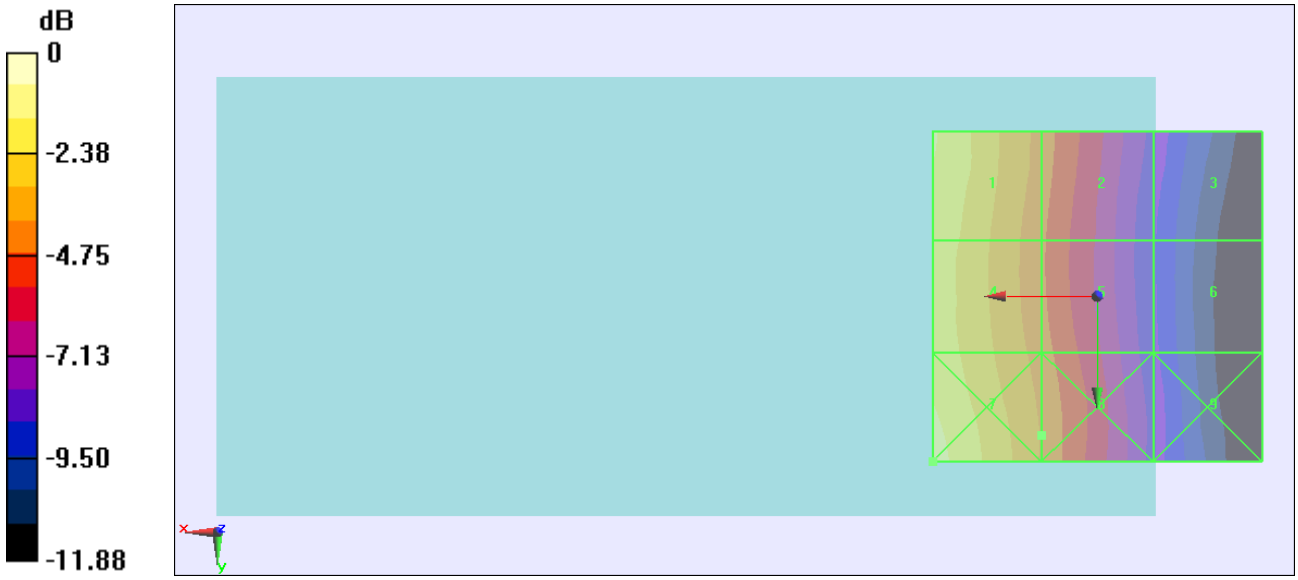
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.06100 A/m; Power Drift = 0.01 dB
PMF = 0.8700 is applied.
H-field emissions = 0.09188 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.092 A/m**	Grid 2 **M4** **0.067 A/m**	Grid 3 **M4** **0.043 A/m**
Grid 4 **M4** **0.088 A/m**	Grid 5 **M4** **0.066 A/m**	Grid 6 **M4** **0.041 A/m**
Grid 7 **M4** **0.095 A/m**	Grid 8 **M4** **0.069 A/m**	Grid 9 **M4** **0.043 A/m**

Cursor:
Total = 0.09466 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.1088 A/m = -19.27 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#20 HAC_H_WCDMA V_RMC12.2K_Ch4182

DUT: 250901

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 ℃

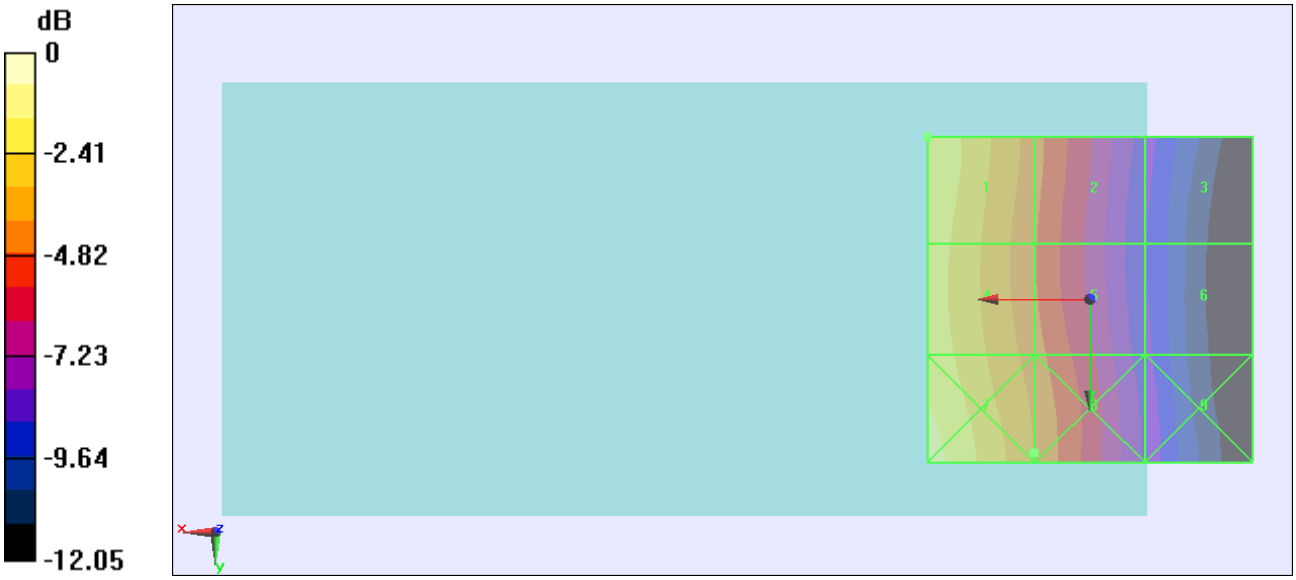
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4182/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.06600 A/m; Power Drift = -0.00 dB
PMF = 0.8700 is applied.
H-field emissions = 0.09869 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.099 A/m**	Grid 2 **M4** **0.071 A/m**	Grid 3 **M4** **0.045 A/m**
Grid 4 **M4** **0.096 A/m**	Grid 5 **M4** **0.071 A/m**	Grid 6 **M4** **0.045 A/m**
Grid 7 **M4** **0.103 A/m**	Grid 8 **M4** **0.075 A/m**	Grid 9 **M4** **0.046 A/m**

Cursor:
Total = 0.09869 A/m
H Category: M4
Location: 25, -25, 8.7 mm



0 dB = 0.1187 A/m = -18.51 dBA/m

#21 HAC_H_WCDMA V_RMC12.2K_Ch4233

DUT: 250901

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 ℃

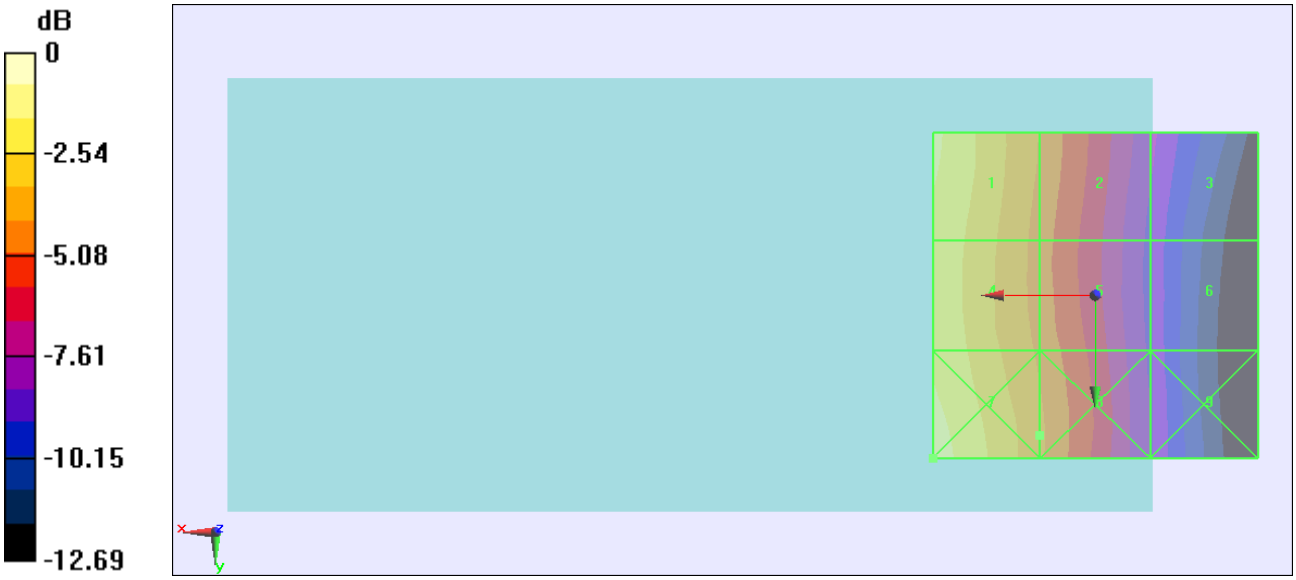
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4233/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.07300 A/m; Power Drift = -0.02 dB
PMF = 0.8700 is applied.
H-field emissions = 0.1112 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.111 A/m**	Grid 2 **M4** **0.081 A/m**	Grid 3 **M4** **0.051 A/m**
Grid 4 **M4** **0.107 A/m**	Grid 5 **M4** **0.079 A/m**	Grid 6 **M4** **0.049 A/m**
Grid 7 **M4** **0.114 A/m**	Grid 8 **M4** **0.083 A/m**	Grid 9 **M4** **0.050 A/m**

Cursor:
Total = 0.1145 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.1316 A/m = -17.61 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#22 HAC_H_WCDMA V_RMC12.2K_Ch9262

DUT: 250901

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 ℃

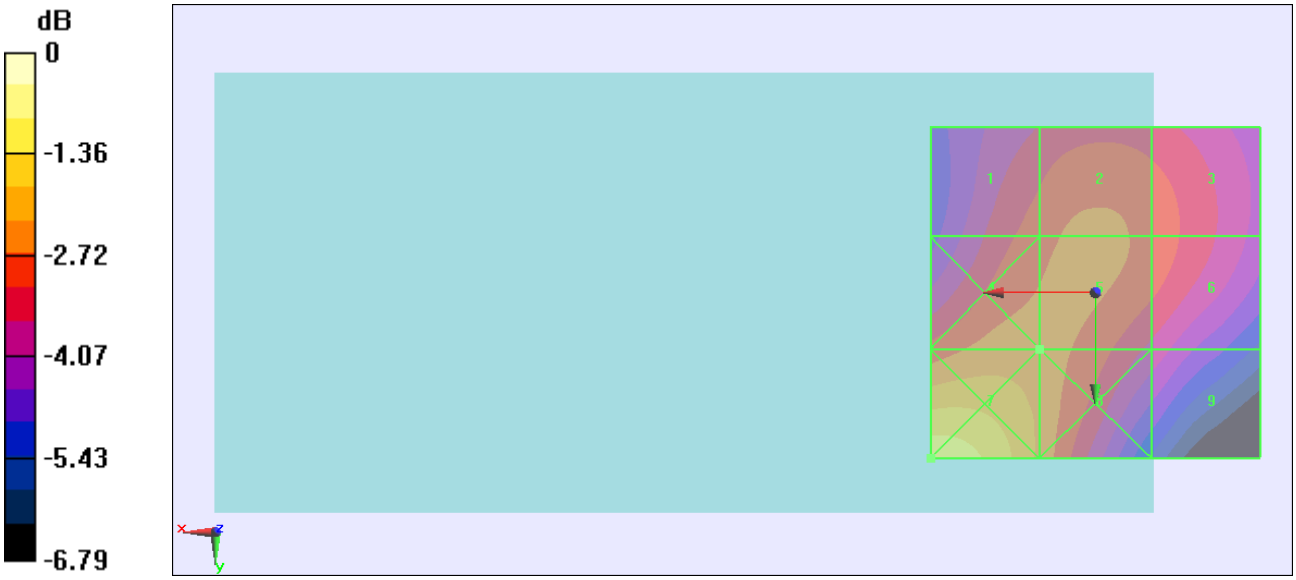
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.09200 A/m; Power Drift = 0.05 dB
PMF = 0.8900 is applied.
H-field emissions = 0.07478 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.072 A/m**	Grid 2 **M4** **0.074 A/m**	Grid 3 **M4** **0.072 A/m**
Grid 4 **M4** **0.075 A/m**	Grid 5 **M4** **0.075 A/m**	Grid 6 **M4** **0.072 A/m**
Grid 7 **M4** **0.089 A/m**	Grid 8 **M4** **0.076 A/m**	Grid 9 **M4** **0.065 A/m**

Cursor:
Total = 0.08906 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.1001 A/m = -19.99 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#23 HAC_H_WCDMA V_RMC12.2K_Ch9400

DUT: 250901

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 ℃

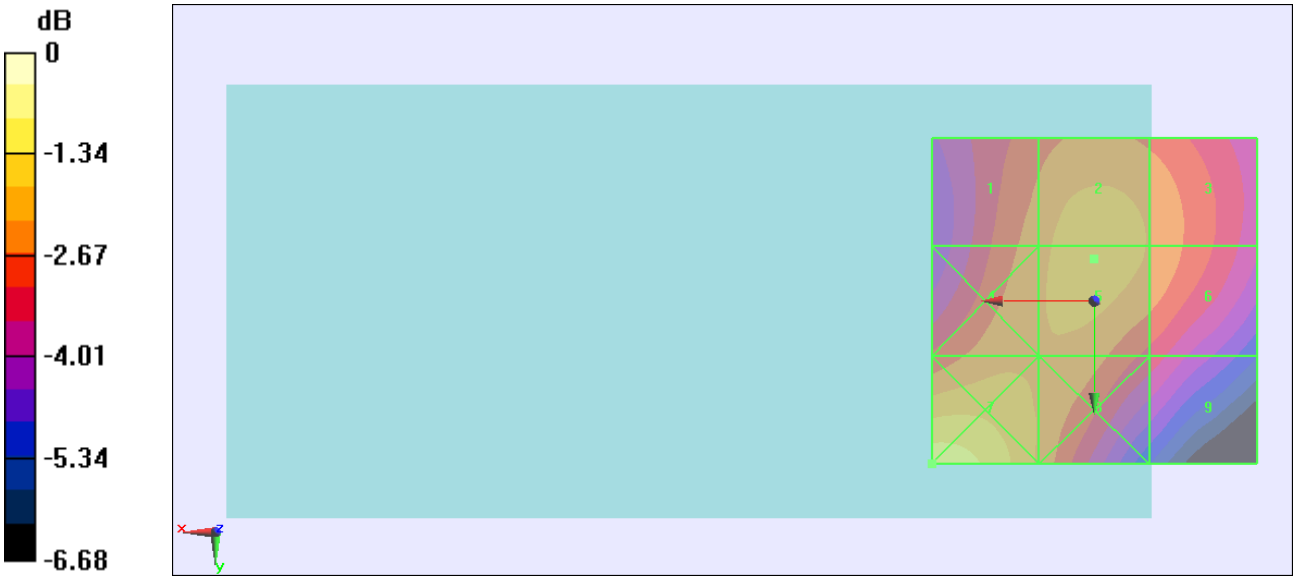
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9400/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.09400 A/m; Power Drift = 0.03 dB
PMF = 0.8900 is applied.
H-field emissions = 0.07561 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.072 A/m**	Grid 2 **M4** **0.076 A/m**	Grid 3 **M4** **0.073 A/m**
Grid 4 **M4** **0.073 A/m**	Grid 5 **M4** **0.076 A/m**	Grid 6 **M4** **0.073 A/m**
Grid 7 **M4** **0.085 A/m**	Grid 8 **M4** **0.073 A/m**	Grid 9 **M4** **0.065 A/m**

Cursor:
Total = 0.08460 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.09506 A/m = -20.44 dBA/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/11/7

#24 HAC_H_WCDMA V_RMC12.2K_Ch9538

DUT: 250901

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 ℃

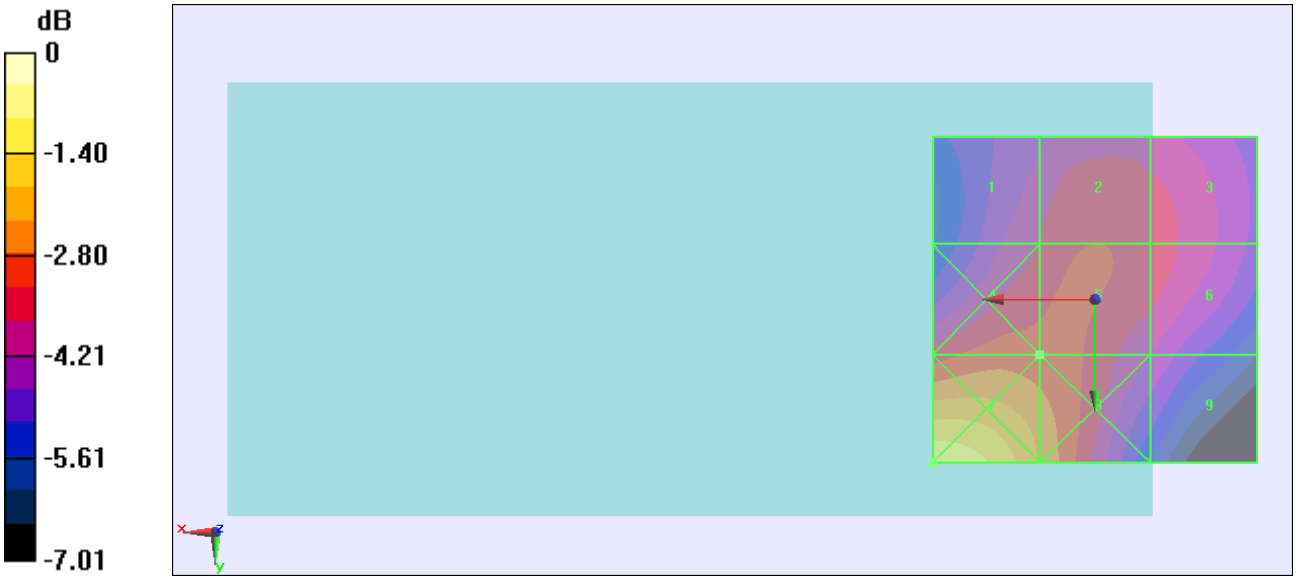
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9538/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.08700 A/m; Power Drift = 0.03 dB
PMF = 0.8900 is applied.
H-field emissions = 0.07078 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.066 A/m**	Grid 2 **M4** **0.069 A/m**	Grid 3 **M4** **0.067 A/m**
Grid 4 **M4** **0.071 A/m**	Grid 5 **M4** **0.071 A/m**	Grid 6 **M4** **0.067 A/m**
Grid 7 **M4** **0.089 A/m**	Grid 8 **M4** **0.076 A/m**	Grid 9 **M4** **0.062 A/m**

Cursor:
Total = 0.08937 A/m
H Category: M4
Location: 25, 25, 8.7 mm



0 dB = 0.1004 A/m = -19.97 dBA/m