

#01 HAC_E_GSM850_Ch128

DUT: 203103

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 68.86 V/m; Power Drift = -0.06 dB

PMF = 2.640 is applied.

E-field emissions = 141.6 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 120.5 V/m	Grid 2 M4 134.9 V/m	Grid 3 M4 131.8 V/m
Grid 4 M4 129.9 V/m	Grid 5 M4 141.6 V/m	Grid 6 M4 137.8 V/m
Grid 7 M4 130.9 V/m	Grid 8 M4 140.5 V/m	Grid 9 M4 136.5 V/m

Cursor:

Total = 86.15 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 154.6 V/m = 43.78 dBV/m

#02 HAC_E_GSM850_Ch189

DUT: 203103

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 61.98 V/m; Power Drift = -0.09 dB

PMF = 2.640 is applied.

E-field emissions = 126.8 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 107.2 V/m	Grid 2 M4 121.5 V/m	Grid 3 M4 118.4 V/m
Grid 4 M4 115.3 V/m	Grid 5 M4 126.8 V/m	Grid 6 M4 123.9 V/m
Grid 7 M4 116.1 V/m	Grid 8 M4 124.9 V/m	Grid 9 M4 121.8 V/m

Cursor:

Total = 126.8 V/m

E Category: M4

Location: -3.5, 4, 8.7 mm



0 dB = 138.4 V/m = 42.82 dBV/m

#03 HAC_E_GSM850_Ch251

DUT: 203103

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 56.24 V/m; Power Drift = -0.009 dB

PMF = 2.640 is applied.

E-field emissions = 117.1 V/m

Near-field category: M4 (AWF -5 dB)

PMF scaled E-field

Grid 1 M4 97.24 V/m	Grid 2 M4 111.4 V/m	Grid 3 M4 109.5 V/m
Grid 4 M4 106.1 V/m	Grid 5 M4 117.1 V/m	Grid 6 M4 115.5 V/m
Grid 7 M4 108.4 V/m	Grid 8 M4 116.2 V/m	Grid 9 M4 114.1 V/m

Cursor:

Total = 117.1 V/m

E Category: M4

Location: -4, 4.5, 8.7 mm



0 dB = 127.8 V/m = 42.13 dBV/m

#04 HAC_E_GSM1900_Ch512

DUT: 203103

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 19.92 V/m; Power Drift = 0.02 dB

PMF = 2.670 is applied.

E-field emissions = 62.54 V/m

Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 M3 62.54 V/m	Grid 2 M3 51.36 V/m	Grid 3 M4 46.62 V/m
Grid 4 M4 40.27 V/m	Grid 5 M3 50.10 V/m	Grid 6 M3 49.56 V/m
Grid 7 M3 54.08 V/m	Grid 8 M3 57.98 V/m	Grid 9 M3 54.10 V/m

Cursor:

Total = 62.54 V/m

E Category: M3

Location: 25, -25, 8.7 mm



0 dB = 67.48 V/m = 36.58 dBV/m

#05 HAC_E_GSM1900_Ch661**DUT: 203103**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 19.90 V/m; Power Drift = -0.11 dB

PMF = 2.670 is applied.

E-field emissions = 58.73 V/m

Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 M3 58.73 V/m	Grid 2 M3 47.72 V/m	Grid 3 M4 43.58 V/m
Grid 4 M4 39.18 V/m	Grid 5 M3 51.21 V/m	Grid 6 M3 50.85 V/m
Grid 7 M3 51.56 V/m	Grid 8 M3 57.57 V/m	Grid 9 M3 55.36 V/m

Cursor:

Total = 58.73 V/m

E Category: M3

Location: 25, -25, 8.7 mm



0 dB = 63.38 V/m = 36.04 dBV/m

#06 HAC_E_GSM1900_Ch810

DUT: 203103

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 17.66 V/m; Power Drift = -0.12 dB

PMF = 2.670 is applied.

E-field emissions = 61.81 V/m

Near-field category: M3 (AWF -5 dB)

PMF scaled E-field

Grid 1 M3 61.81 V/m	Grid 2 M3 50.25 V/m	Grid 3 M4 38.75 V/m
Grid 4 M4 40.64 V/m	Grid 5 M3 48.15 V/m	Grid 6 M3 48.10 V/m
Grid 7 M3 54.30 V/m	Grid 8 M3 58.79 V/m	Grid 9 M3 55.77 V/m

Cursor:

Total = 61.81 V/m

E Category: M3

Location: 25, -25, 8.7 mm



0 dB = 66.69 V/m = 36.48 dBV/m

#07 HAC_E_WCDMA V_RMC 12.2K_Ch4132**DUT: 203103**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 72.82 V/m; Power Drift = -0.05 dB

PMF = 0.9800 is applied.

E-field emissions = 55.19 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 48.91 V/m	Grid 2 M4 52.55 V/m	Grid 3 M4 50.09 V/m
Grid 4 M4 51.40 V/m	Grid 5 M4 55.19 V/m	Grid 6 M4 52.49 V/m
Grid 7 M4 51.55 V/m	Grid 8 M4 54.48 V/m	Grid 9 M4 52.04 V/m

Cursor:

Total = 35.29 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 56.32 V/m = 35.01 dBV/m

#08 HAC_E_WCDMA V_RMC 12.2K_Ch4182

DUT: 203103

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 74.90 V/m; Power Drift = -0.11 dB

PMF = 0.9800 is applied.

E-field emissions = 56.70 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 49.27 V/m	Grid 2 M4 54.09 V/m	Grid 3 M4 52.26 V/m
Grid 4 M4 52.78 V/m	Grid 5 M4 56.70 V/m	Grid 6 M4 54.82 V/m
Grid 7 M4 53.05 V/m	Grid 8 M4 56.11 V/m	Grid 9 M4 54.18 V/m

Cursor:

Total = 35.14 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 57.86 V/m = 35.25 dBV/m

#09 HAC_E_WCDMA V_RMC 12.2K_Ch4233**DUT: 203103**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 68.17 V/m; Power Drift = -0.023 dB

PMF = 0.9800 is applied.

E-field emissions = 51.40 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 43.64 V/m	Grid 2 M4 48.80 V/m	Grid 3 M4 47.47 V/m
Grid 4 M4 47.02 V/m	Grid 5 M4 51.40 V/m	Grid 6 M4 49.88 V/m
Grid 7 M4 47.51 V/m	Grid 8 M4 50.87 V/m	Grid 9 M4 49.36 V/m

Cursor:

Total = 30.03 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 52.45 V/m = 34.39 dBV/m

#10 HAC_E_WCDMA II_RMC 12.2K_Ch9262

DUT: 203103

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 27.61 V/m; Power Drift = -0.07 dB

PMF = 0.9800 is applied.

E-field emissions = 32.07 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 32.07 V/m	Grid 2 M4 26.43 V/m	Grid 3 M4 23.73 V/m
Grid 4 M4 20.63 V/m	Grid 5 M4 25.54 V/m	Grid 6 M4 25.22 V/m
Grid 7 M4 27.91 V/m	Grid 8 M4 29.76 V/m	Grid 9 M4 27.79 V/m

Cursor:

Total = 32.07 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 32.72 V/m = 30.30 dBV/m

#11 HAC_E_WCDMA II_RMC 12.2K_Ch9400

DUT: 203103

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 28.45 V/m; Power Drift = -0.13 dB

PMF = 0.9800 is applied.

E-field emissions = 30.92 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 30.92 V/m	Grid 2 M4 25.05 V/m	Grid 3 M4 22.42 V/m
Grid 4 M4 20.41 V/m	Grid 5 M4 26.43 V/m	Grid 6 M4 26.24 V/m
Grid 7 M4 26.85 V/m	Grid 8 M4 29.99 V/m	Grid 9 M4 28.68 V/m

Cursor:

Total = 30.92 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 31.55 V/m = 29.98 dBV/m

#12 HAC_E_WCDMA II_RMC 12.2K_Ch9538

DUT: 203103

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/6/21;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 23.96 V/m; Power Drift = -0.16 dB

PMF = 0.9800 is applied.

E-field emissions = 31.24 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 31.24 V/m	Grid 2 M4 25.13 V/m	Grid 3 M4 19.10 V/m
Grid 4 M4 20.44 V/m	Grid 5 M4 24.17 V/m	Grid 6 M4 23.94 V/m
Grid 7 M4 27.31 V/m	Grid 8 M4 29.59 V/m	Grid 9 M4 27.63 V/m

Cursor:

Total = 31.24 V/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 31.87 V/m = 30.07 dBV/m

#13 HAC_H_GSM850_Ch128

DUT: 203103

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.08300 A/m; Power Drift = 0.19 dB

PMF = 2.540 is applied.

H-field emissions = 0.3065 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

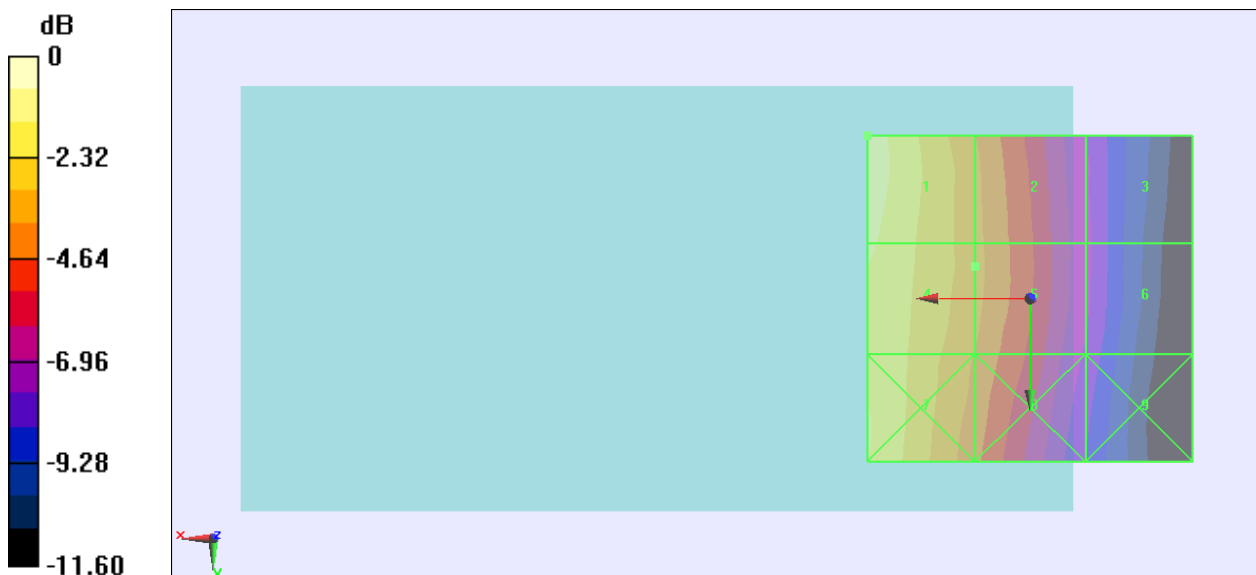
Grid 1 M4 0.306 A/m	Grid 2 M4 0.230 A/m	Grid 3 M4 0.147 A/m
Grid 4 M4 0.295 A/m	Grid 5 M4 0.231 A/m	Grid 6 M4 0.147 A/m
Grid 7 M4 0.294 A/m	Grid 8 M4 0.222 A/m	Grid 9 M4 0.141 A/m

Cursor:

Total = 0.3051 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.3476 A/m = -9.18 dBA/m

#14 HAC_H_GSM850_Ch189

DUT: 203103

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.08100 A/m; Power Drift = 0.06 dB

PMF = 2.540 is applied.

H-field emissions = 0.2803 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

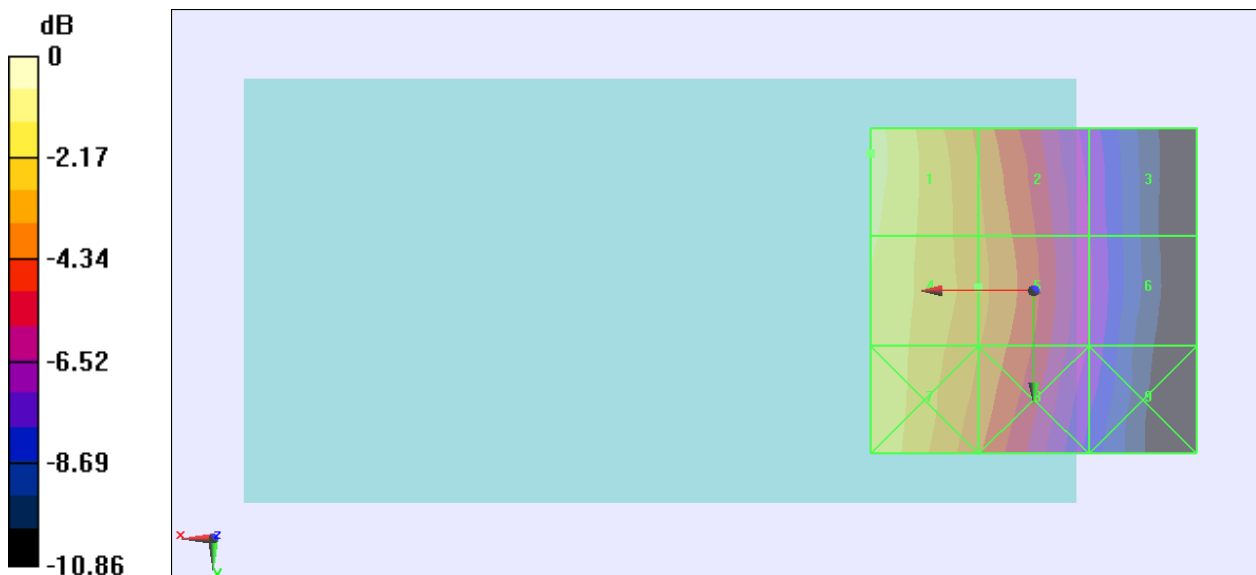
Grid 1 M4 0.280 A/m	Grid 2 M4 0.214 A/m	Grid 3 M4 0.139 A/m
Grid 4 M4 0.273 A/m	Grid 5 M4 0.217 A/m	Grid 6 M4 0.141 A/m
Grid 7 M4 0.268 A/m	Grid 8 M4 0.211 A/m	Grid 9 M4 0.137 A/m

Cursor:

Total = 0.2803 A/m

H Category: M4

Location: 25, -21, 8.7 mm



0 dB = 0.3179 A/m = -9.95 dBA/m

#15 HAC_H_GSM850_Ch251

DUT: 203103

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.08000 A/m; Power Drift = 0.14 dB

PMF = 2.540 is applied.

H-field emissions = 0.2587 A/m

Near-field category: M4 (AWF -5 dB)

PMF scaled H-field

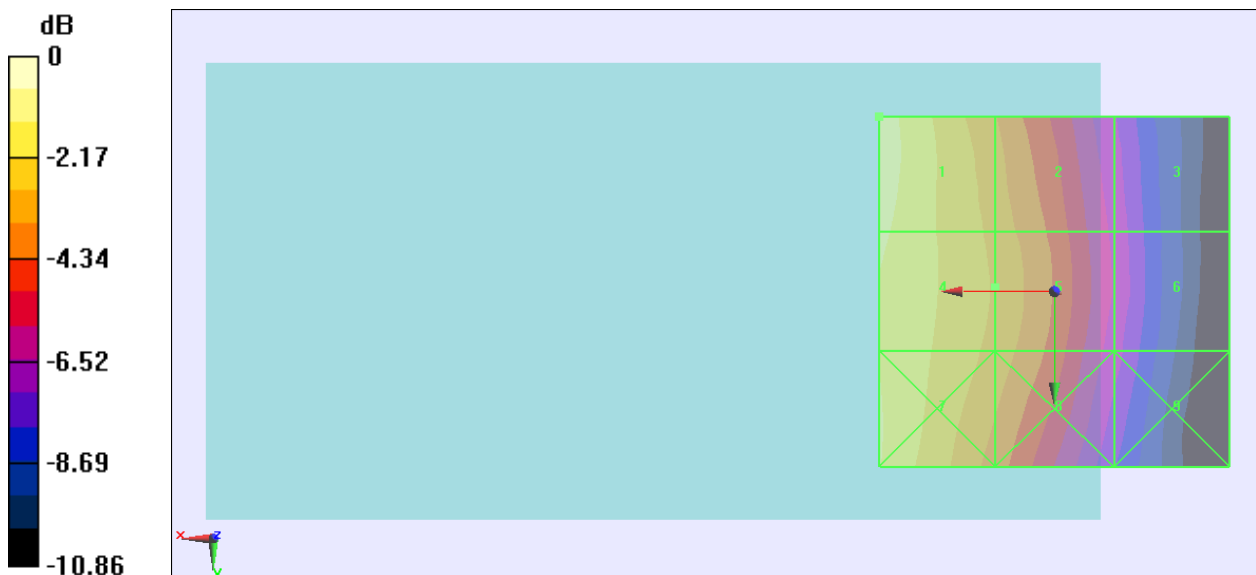
Grid 1 M4 0.259 A/m	Grid 2 M4 0.205 A/m	Grid 3 M4 0.136 A/m
Grid 4 M4 0.252 A/m	Grid 5 M4 0.208 A/m	Grid 6 M4 0.138 A/m
Grid 7 M4 0.250 A/m	Grid 8 M4 0.204 A/m	Grid 9 M4 0.133 A/m

Cursor:

Total = 0.2586 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.2934 A/m = -10.65 dBA/m

#16 HAC_H_GSM1900_Ch512

DUT: 203103

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.06600 A/m; Power Drift = 0.06 dB

PMF = 2.490 is applied.

H-field emissions = 0.1578 A/m

Near-field category: M3 (AWF -5 dB)

PMF scaled H-field

Grid 1 M3 0.158 A/m	Grid 2 M3 0.158 A/m	Grid 3 M3 0.145 A/m
Grid 4 M3 0.151 A/m	Grid 5 M3 0.155 A/m	Grid 6 M3 0.144 A/m
Grid 7 M4 0.137 A/m	Grid 8 M4 0.137 A/m	Grid 9 M4 0.123 A/m

Cursor:

Total = 0.1491 A/m

H Category: M3

Location: 25, -25, 8.7 mm



0 dB = 0.1826 A/m = -14.77 dBA/m

#17 HAC_H_GSM1900_Ch661

DUT: 203103

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.06700 A/m; Power Drift = 0.07 dB

PMF = 2.490 is applied.

H-field emissions = 0.1554 A/m

Near-field category: M3 (AWF -5 dB)

PMF scaled H-field

Grid 1 M3 0.150 A/m	Grid 2 M3 0.155 A/m	Grid 3 M3 0.145 A/m
Grid 4 M3 0.149 A/m	Grid 5 M3 0.155 A/m	Grid 6 M3 0.145 A/m
Grid 7 M3 0.140 A/m	Grid 8 M4 0.138 A/m	Grid 9 M4 0.123 A/m

Cursor:

Total = 0.1554 A/m

H Category: M3

Location: 1.5, -11.5, 8.7 mm



0 dB = 0.1798 A/m = -14.90 dBA/m

#18 HAC_H_GSM1900_Ch810**DUT: 203103**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.07700 A/m; Power Drift = 0.11 dB

PMF = 2.490 is applied.

H-field emissions = 0.1742 A/m

Near-field category: M3 (AWF -5 dB)

PMF scaled H-field

Grid 1 M3 0.167 A/m	Grid 2 M3 0.174 A/m	Grid 3 M3 0.158 A/m
Grid 4 M3 0.168 A/m	Grid 5 M3 0.174 A/m	Grid 6 M3 0.157 A/m
Grid 7 M3 0.157 A/m	Grid 8 M3 0.157 A/m	Grid 9 M4 0.137 A/m

Cursor:

Total = 0.1285 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.2015 A/m = -13.91 dBA/m

#19 HAC_H_WCDMA V_RMC 12.2K_Ch4132

DUT: 203103

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.08000 A/m; Power Drift = 0.01 dB

MF = 0.8400 is applied.

H-field emissions = 0.1030 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

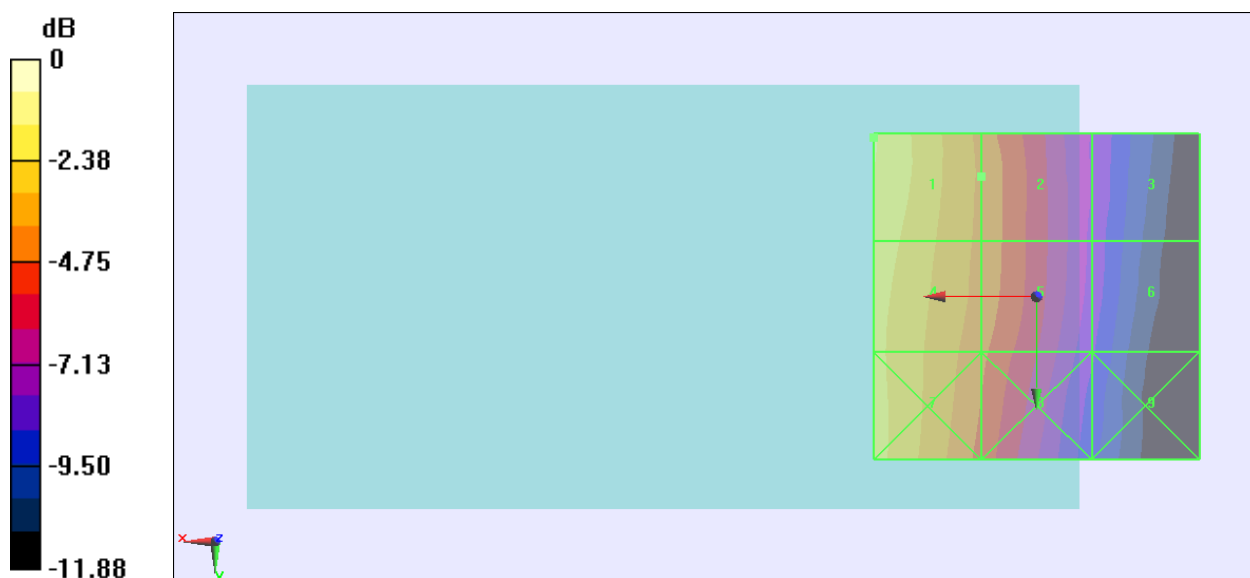
Grid 1 M4 0.103 A/m	Grid 2 M4 0.076 A/m	Grid 3 M4 0.049 A/m
Grid 4 M4 0.098 A/m	Grid 5 M4 0.076 A/m	Grid 6 M4 0.048 A/m
Grid 7 M4 0.097 A/m	Grid 8 M4 0.073 A/m	Grid 9 M4 0.046 A/m

Cursor:

Total = 0.1030 A/m

H Category: M4

Location: 25, -24.5, 8.7 mm



0 dB = 0.1226 A/m = -18.23 dBA/m

#20 HAC_H_WCDMA V_RMC 12.2K_Ch4182**DUT: 203103**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.09000 A/m; Power Drift = 0.06 dB

PMF = 0.8400 is applied.

H-field emissions = 0.1107 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

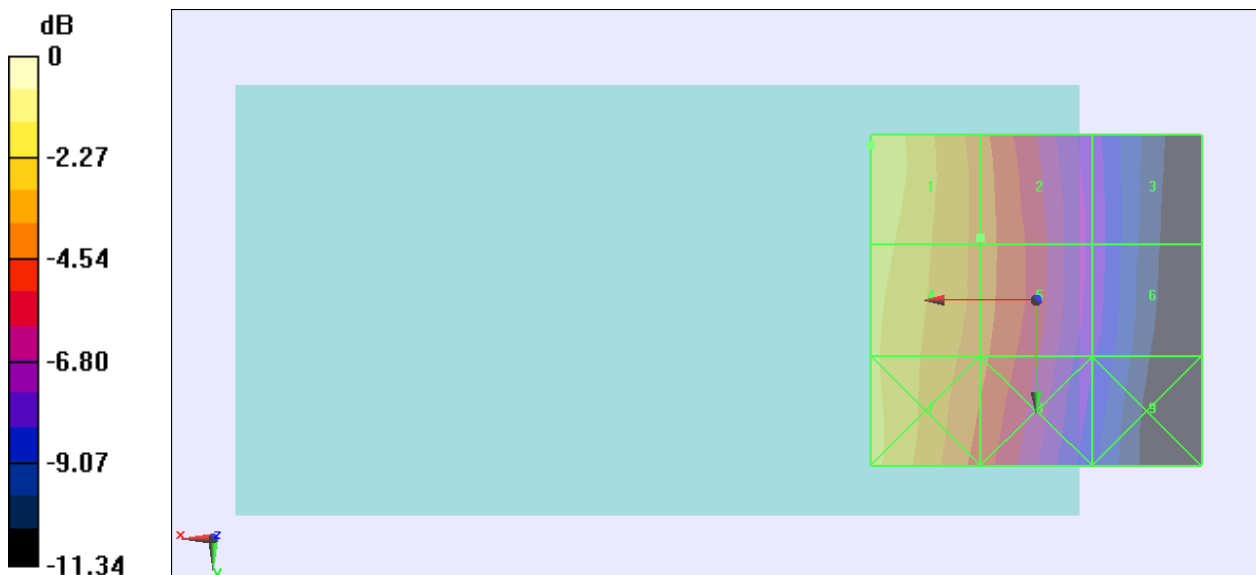
Grid 1 M4 0.111 A/m	Grid 2 M4 0.082 A/m	Grid 3 M4 0.054 A/m
Grid 4 M4 0.106 A/m	Grid 5 M4 0.082 A/m	Grid 6 M4 0.054 A/m
Grid 7 M4 0.105 A/m	Grid 8 M4 0.080 A/m	Grid 9 M4 0.051 A/m

Cursor:

Total = 0.1107 A/m

H Category: M4

Location: 25, -23.5, 8.7 mm



0 dB = 0.1317 A/m = -17.61 dBA/m

#21 HAC_H_WCDMA V_RMC 12.2K_Ch4233

DUT: 203103

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.08600 A/m; Power Drift = 0.19 dB

PMF = 0.8400 is applied.

H-field emissions = 0.1004 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

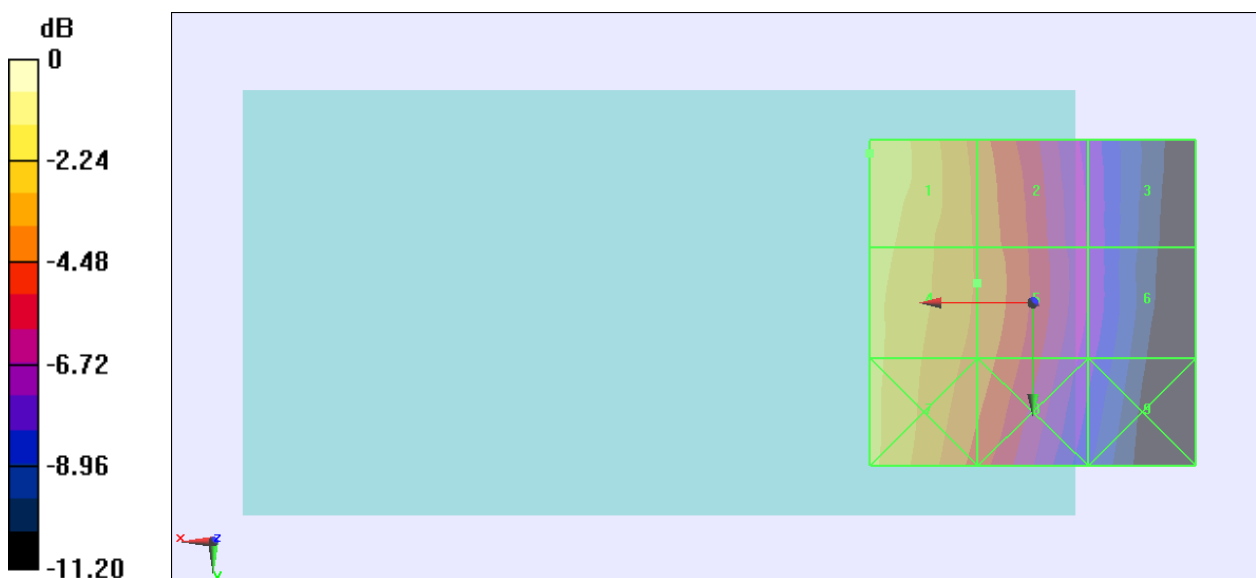
Grid 1 M4 0.100 A/m	Grid 2 M4 0.077 A/m	Grid 3 M4 0.051 A/m
Grid 4 M4 0.096 A/m	Grid 5 M4 0.077 A/m	Grid 6 M4 0.051 A/m
Grid 7 M4 0.095 A/m	Grid 8 M4 0.075 A/m	Grid 9 M4 0.048 A/m

Cursor:

Total = 0.1004 A/m

H Category: M4

Location: 25, -23, 8.7 mm



#22 HAC_H_WCDMA II_RMC 12.2K_Ch9262

DUT: 203103

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.02 dB

PMF = 0.8900 is applied.

H-field emissions = 0.07744 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.077 A/m	Grid 2 M4 0.077 A/m	Grid 3 M4 0.072 A/m
Grid 4 M4 0.074 A/m	Grid 5 M4 0.076 A/m	Grid 6 M4 0.072 A/m
Grid 7 M4 0.067 A/m	Grid 8 M4 0.067 A/m	Grid 9 M4 0.062 A/m

Cursor:

Total = 0.07744 A/m

H Category: M4

Location: 5.5, -20.5, 8.7 mm



0 dB = 0.08701 A/m = -21.21 dBA/m

#23 HAC_H_WCDMA II_RMC 12.2K_Ch9400**DUT: 203103**

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.09200 A/m; Power Drift = 0.18 dB

PMF = 0.8900 is applied.

H-field emissions = 0.07744 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.075 A/m	Grid 2 M4 0.077 A/m	Grid 3 M4 0.072 A/m
Grid 4 M4 0.075 A/m	Grid 5 M4 0.077 A/m	Grid 6 M4 0.072 A/m
Grid 7 M4 0.069 A/m	Grid 8 M4 0.069 A/m	Grid 9 M4 0.062 A/m

Cursor:

Total = 0.07744 A/m

H Category: M4

Location: 2, -11, 8.7 mm



0 dB = 0.08701 A/m = -21.21 dBA/m

#24 HAC_H_WCDMA II_RMC 12.2K_Ch9538

DUT: 203103

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5 °C

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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)

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 = 0.1030 A/m; Power Drift = -0.01 dB

PMF = 0.8900 is applied.

H-field emissions = 0.08379 A/m

Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 M4 0.080 A/m	Grid 2 M4 0.084 A/m	Grid 3 M4 0.076 A/m
Grid 4 M4 0.080 A/m	Grid 5 M4 0.084 A/m	Grid 6 M4 0.075 A/m
Grid 7 M4 0.075 A/m	Grid 8 M4 0.075 A/m	Grid 9 M4 0.066 A/m

Cursor:

Total = 0.08379 A/m

H Category: M4

Location: 2, -6.5, 8.7 mm

