

#01 HAC_E_GSM850_Ch128**DUT: 172802-02**

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 212.6 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 102.7 V/m; Power Drift = -0.050 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

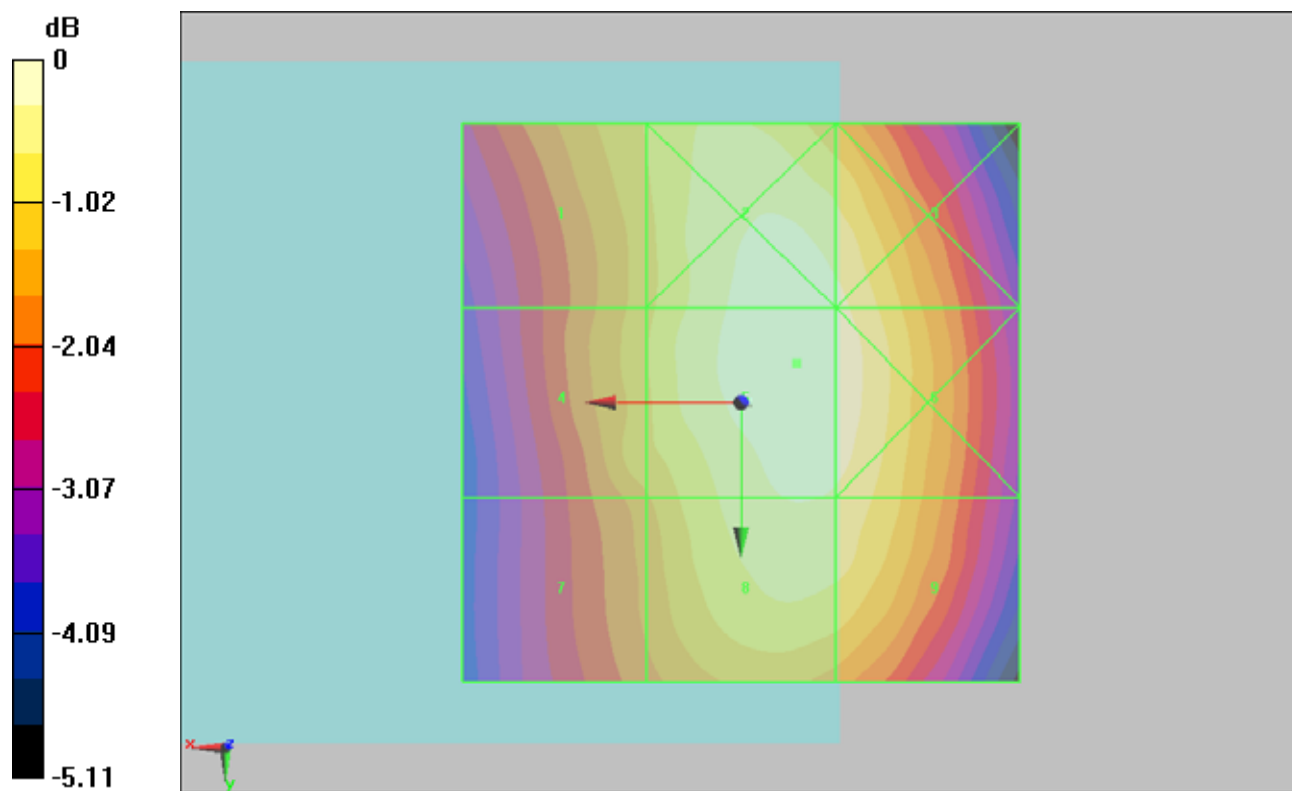
Grid 1 189.4 M3	Grid 2 210.1 M3	Grid 3 207.0 M3
Grid 4 188.5 M3	Grid 5 212.6 M3	Grid 6 210.0 M3
Grid 7 180.7 M3	Grid 8 204.8 M3	Grid 9 203.4 M3

Cursor:

Total = 212.6 V/m

E Category: M3

Location: -5, -3.5, 8.7 mm



0 dB = 212.6V/m

#02 HAC_E_GSM850_Ch189**DUT: 172802-02**

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 200.8 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 96.6 V/m; Power Drift = 0.030 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

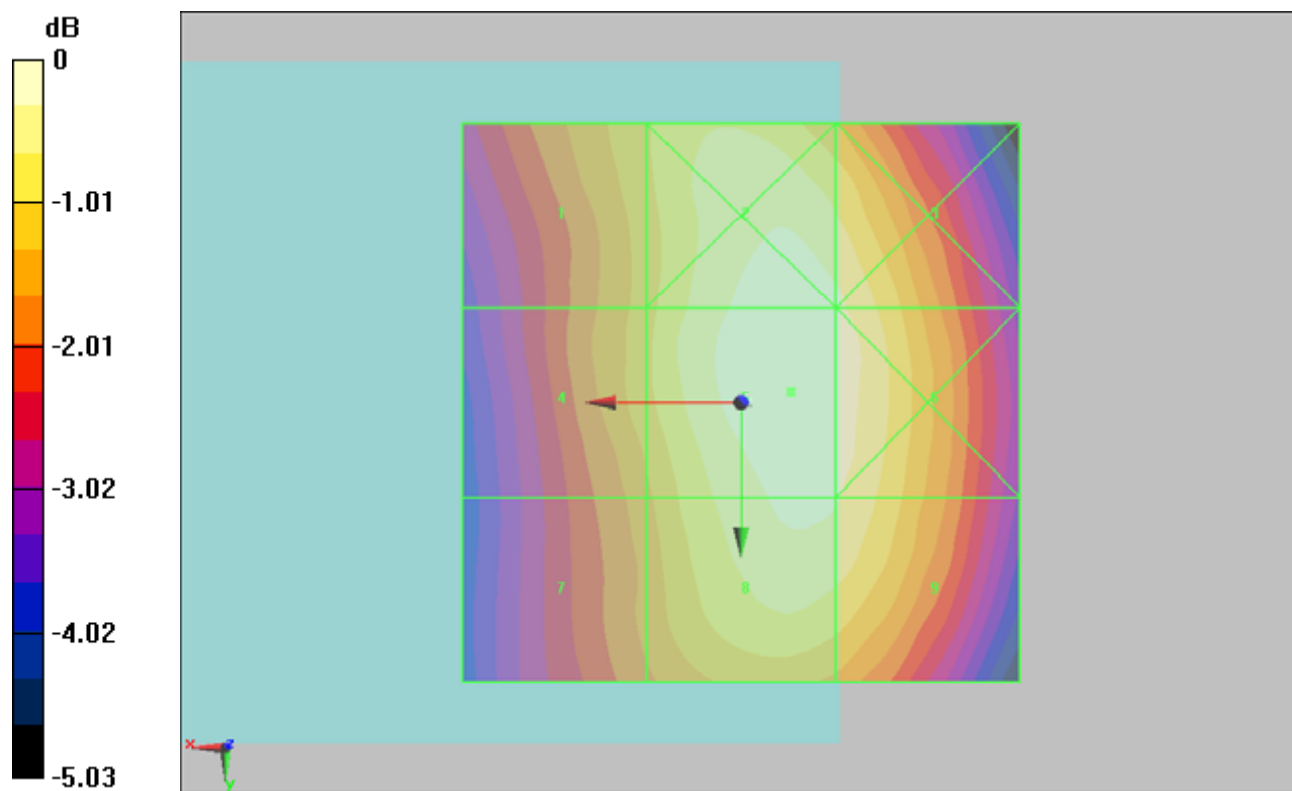
Grid 1 178.1 M3	Grid 2 198.2 M3	Grid 3 195.1 M3
Grid 4 177.4 M3	Grid 5 200.8 M3	Grid 6 197.9 M3
Grid 7 170.6 M3	Grid 8 195.1 M3	Grid 9 193.7 M3

Cursor:

Total = 200.8 V/m

E Category: M3

Location: -4.5, -1, 8.7 mm



0 dB = 200.8V/m

#03 HAC_E_GSM850_Ch251**DUT: 172802-02**

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 198.0 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 95.2 V/m; Power Drift = 0.013 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

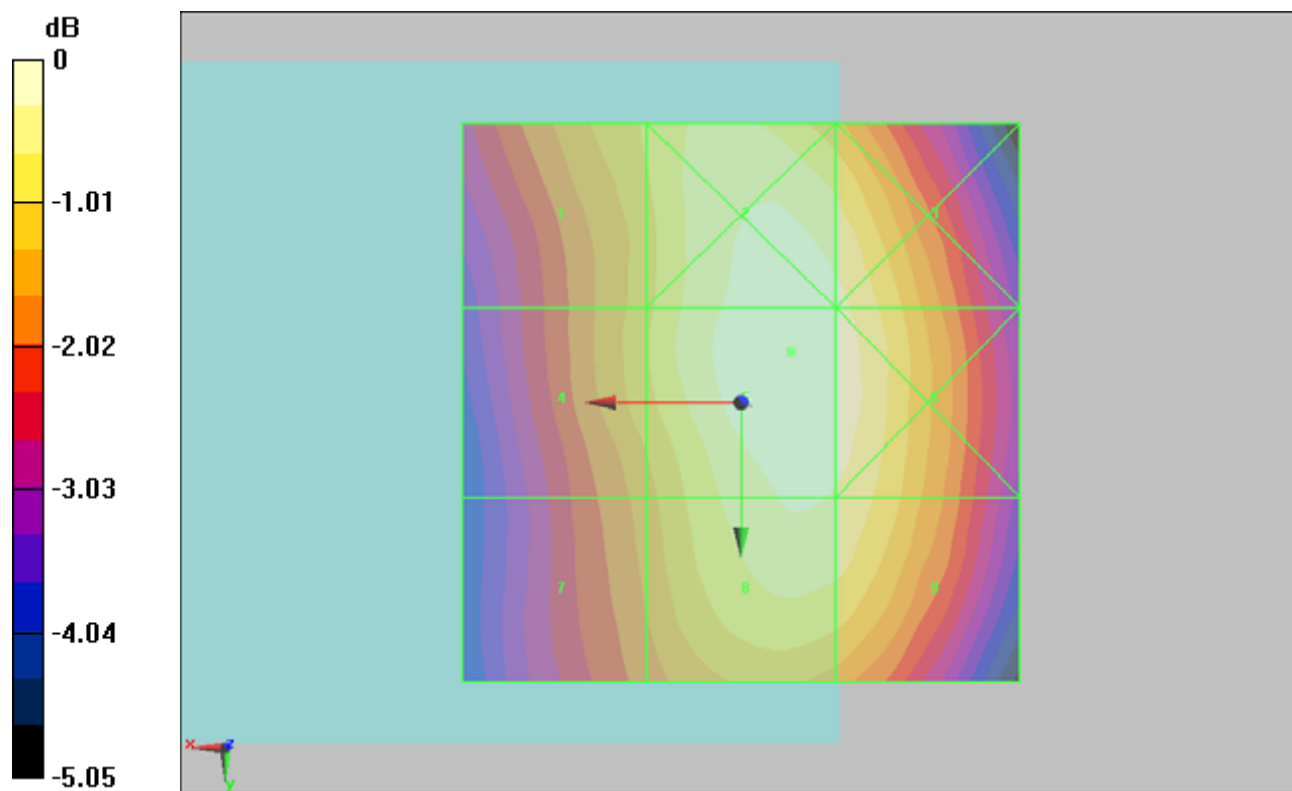
Grid 1 177.4 M3	Grid 2 195.9 M3	Grid 3 192.9 M3
Grid 4 175.4 M3	Grid 5 198.0 M3	Grid 6 195.2 M3
Grid 7 167.1 M3	Grid 8 191.3 M3	Grid 9 189.8 M3

Cursor:

Total = 198.0 V/m

E Category: M3

Location: -4.5, -4.5, 8.7 mm



0 dB = 198.0V/m

#04 HAC_E_GSM1900_Ch512

DUT: 172802-02

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68.7 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22 V/m; Power Drift = 0.074 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

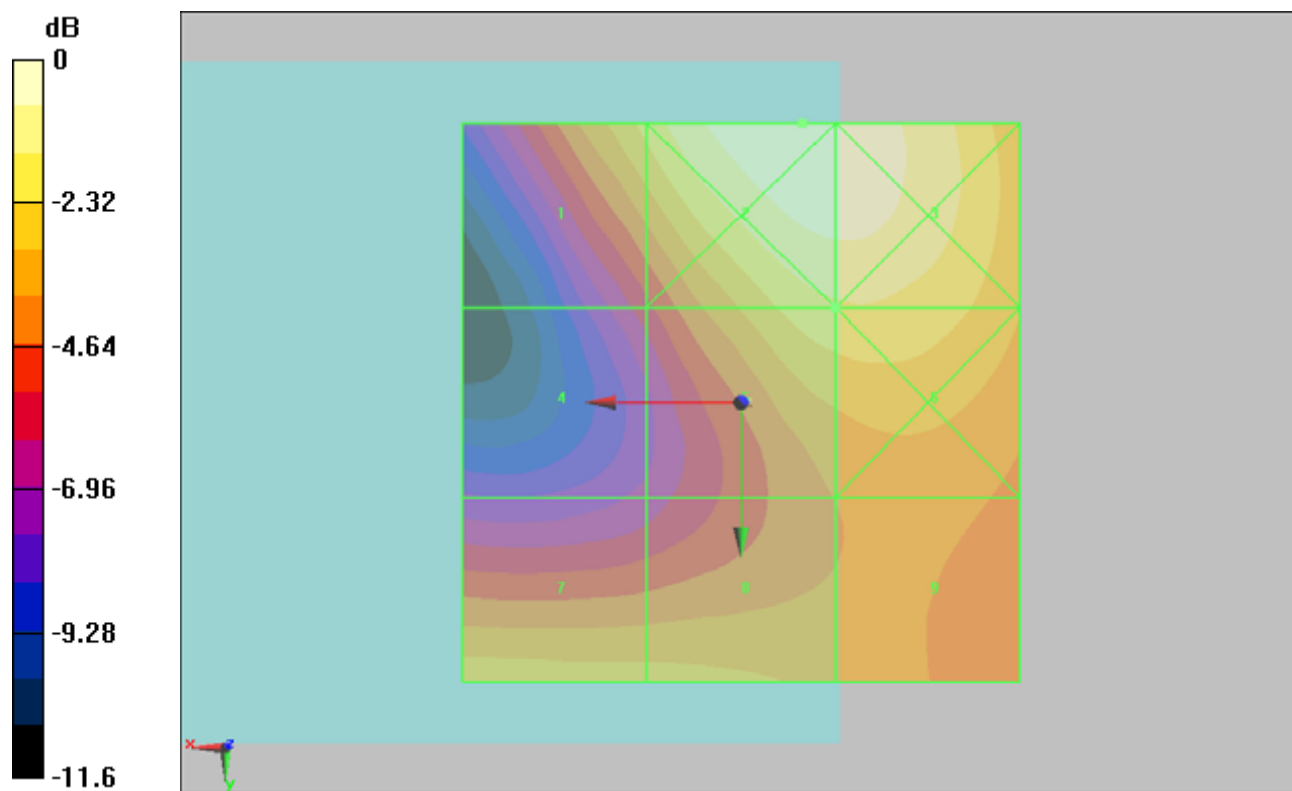
Grid 1 65.8 M3	Grid 2 83.2 M3	Grid 3 82.5 M3
Grid 4 43.5 M4	Grid 5 68.7 M3	Grid 6 69.3 M3
Grid 7 62.3 M3	Grid 8 60.9 M3	Grid 9 57.1 M3

Cursor:

Total = 83.2 V/m

E Category: M3

Location: -5.5, -25, 8.7 mm



0 dB = 83.2V/m

#05 HAC_E_GSM1900_Ch661

DUT: 172802-02

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68.8 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.8 V/m; Power Drift = 0.011 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

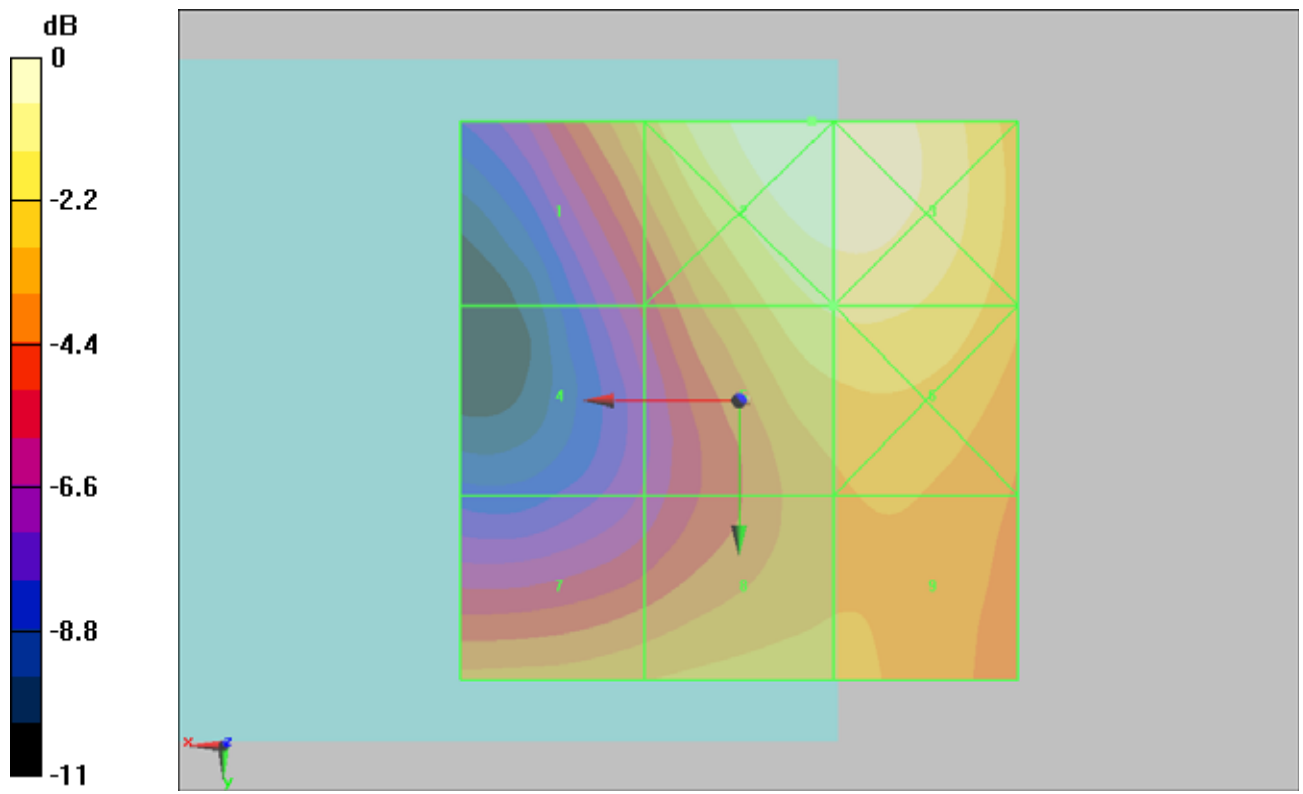
Grid 1 59.6 M3	Grid 2 80.4 M3	Grid 3 80.2 M3
Grid 4 42.3 M4	Grid 5 68.8 M3	Grid 6 69.5 M3
Grid 7 57.2 M3	Grid 8 59.5 M3	Grid 9 59 M3

Cursor:

Total = 80.4 V/m

E Category: M3

Location: -6.5, -25, 8.7 mm



0 dB = 80.4V/m

#06 HAC_E_GSM1900_Ch810**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 77.5 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.7 V/m; Power Drift = 0.035 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

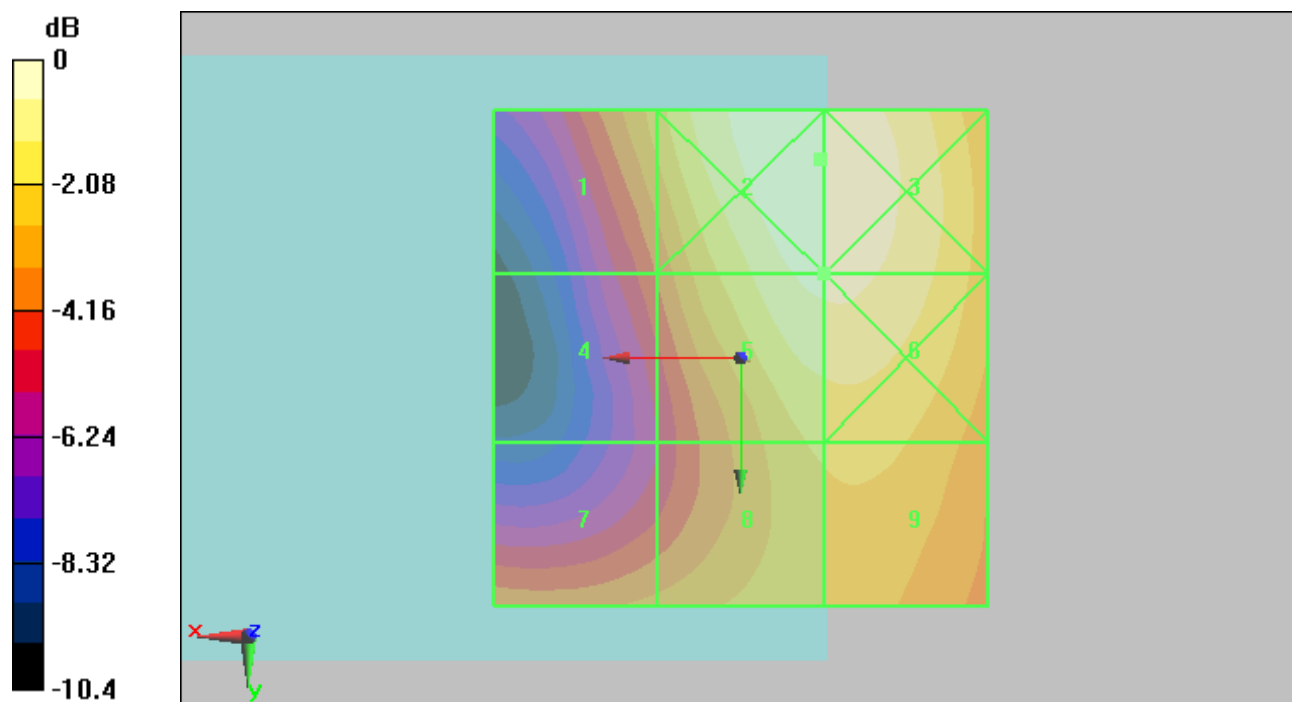
Grid 1 62.3 M3	Grid 2 82.1 M3	Grid 3 82.1 M3
Grid 4 51.3 M3	Grid 5 77.5 M3	Grid 6 77.6 M3
Grid 7 56.7 M3	Grid 8 65.8 M3	Grid 9 66.6 M3

Cursor:

Total = 82.1 V/m

E Category: M3

Location: -8, -20, 8.7 mm



0 dB = 82.1V/m

#07 HAC_E_WCDMA V_RMC12.2K_Ch4132

DUT: 172802-02

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 82.8 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 107.6 V/m; Power Drift = 0.017 dB

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

Peak E-field in V/m

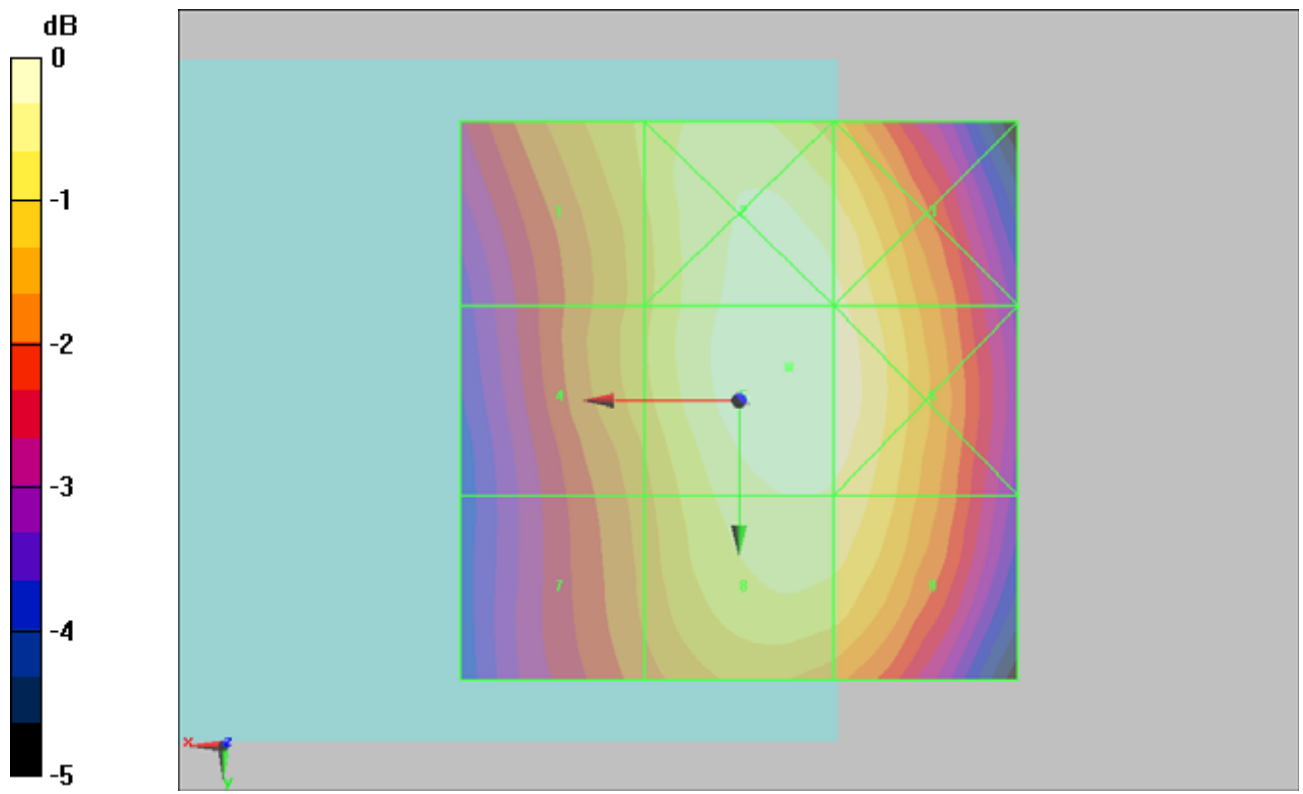
Grid 1 74.4 M4	Grid 2 82.1 M4	Grid 3 80.7 M4
Grid 4 73.4 M4	Grid 5 82.8 M4	Grid 6 81.9 M4
Grid 7 70.1 M4	Grid 8 79.7 M4	Grid 9 79.4 M4

Cursor:

Total = 82.8 V/m

E Category: M4

Location: -4.5, -3, 8.7 mm



0 dB = 82.8V/m

#08 HAC_E_WCDMA V_RMC12.2K_Ch4182**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 75.3 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 97 V/m; Power Drift = 0.021 dB

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

Peak E-field in V/m

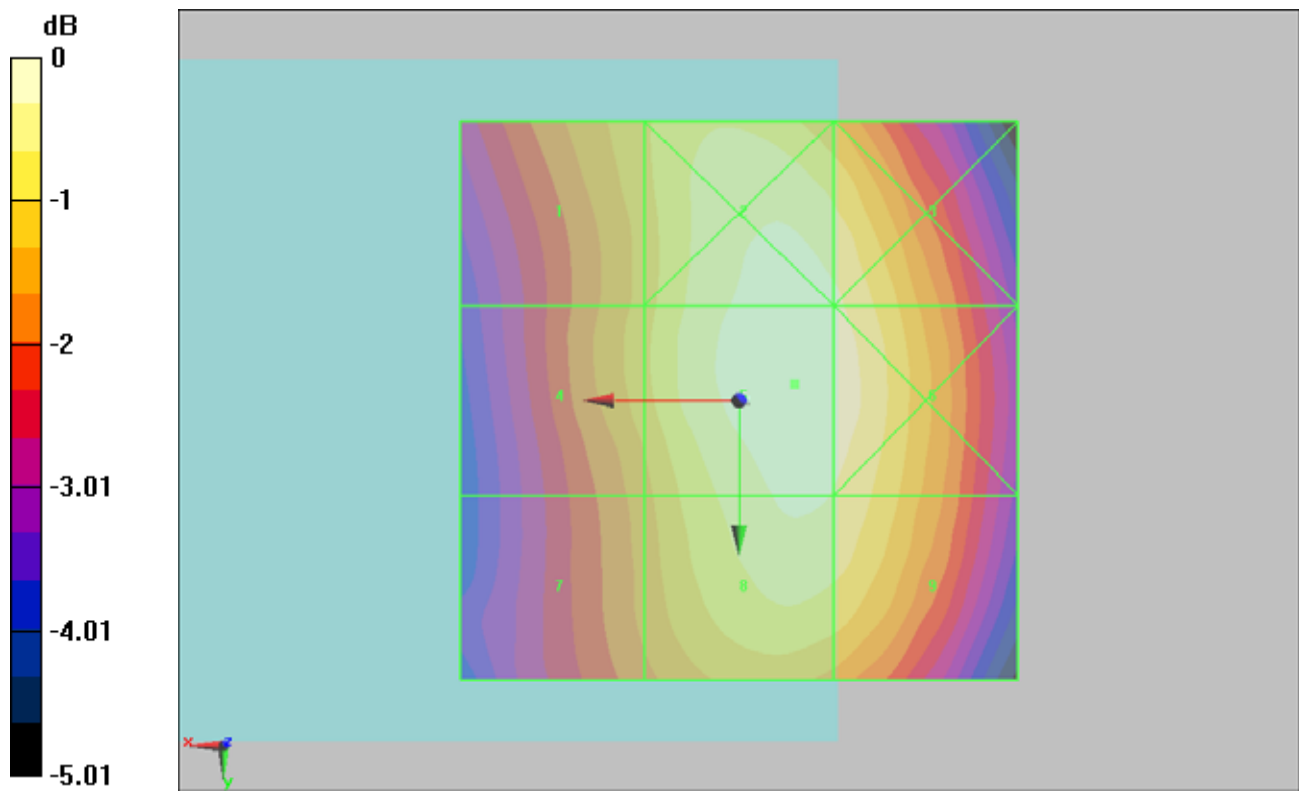
Grid 1 66.7 M4	Grid 2 74.2 M4	Grid 3 73.1 M4
Grid 4 66.5 M4	Grid 5 75.3 M4	Grid 6 74.4 M4
Grid 7 63.7 M4	Grid 8 73 M4	Grid 9 72.3 M4

Cursor:

Total = 75.3 V/m

E Category: M4

Location: -5, -1.5, 8.7 mm



0 dB = 75.3V/m

#09 HAC_E_WCDMA V_RMC12.2K_Ch4233**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 82.1 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 107.0 V/m; Power Drift = -0.024 dB

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

Peak E-field in V/m

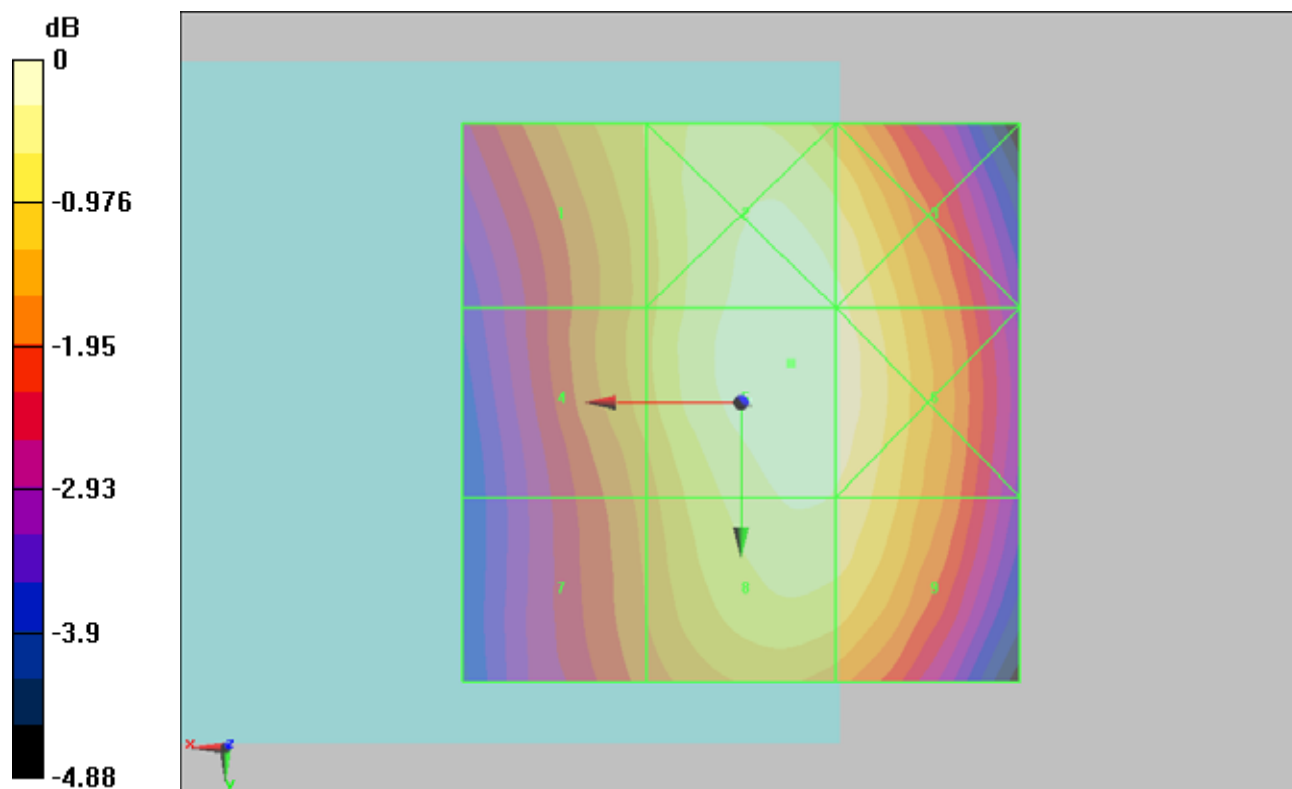
Grid 1 73.6 M4	Grid 2 81.3 M4	Grid 3 80 M4
Grid 4 72.7 M4	Grid 5 82.1 M4	Grid 6 81 M4
Grid 7 69.4 M4	Grid 8 79.4 M4	Grid 9 78.9 M4

Cursor:

Total = 82.1 V/m

E Category: M4

Location: -4.5, -3.5, 8.7 mm



0 dB = 82.1V/m

#10 HAC_E_WCDMA V_RMC12.2K_Ch9262

DUT: 172802-02

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 34 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.3 V/m; Power Drift = 0.021 dB

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

Peak E-field in V/m

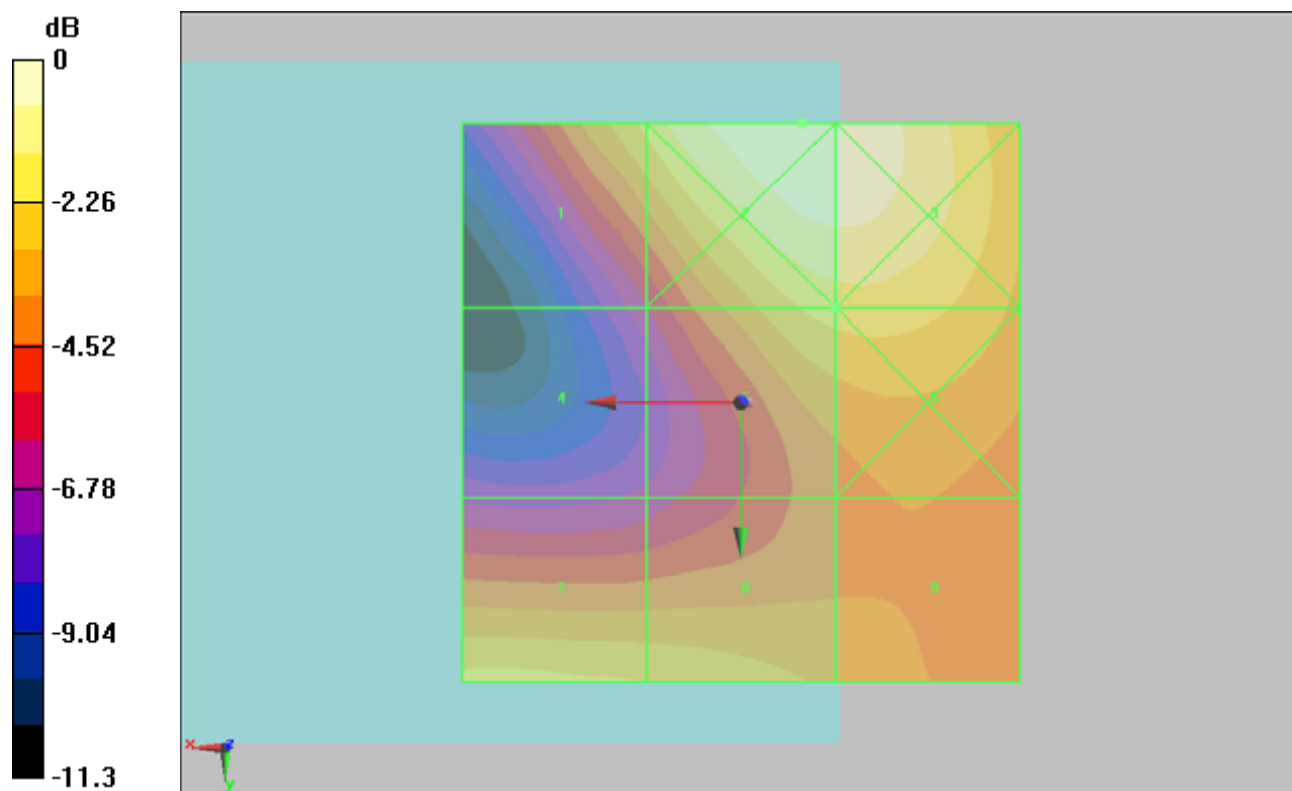
Grid 1 33.6 M4	Grid 2 42.4 M4	Grid 3 42 M4
Grid 4 21.1 M4	Grid 5 34 M4	Grid 6 34.4 M4
Grid 7 33.8 M4	Grid 8 32.7 M4	Grid 9 29.4 M4

Cursor:

Total = 42.4 V/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 42.4V/m

#11 HAC_E_WCDMA V_RMC12.2K_Ch9400**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.7 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.8 V/m; Power Drift = 0.022 dB

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

Peak E-field in V/m

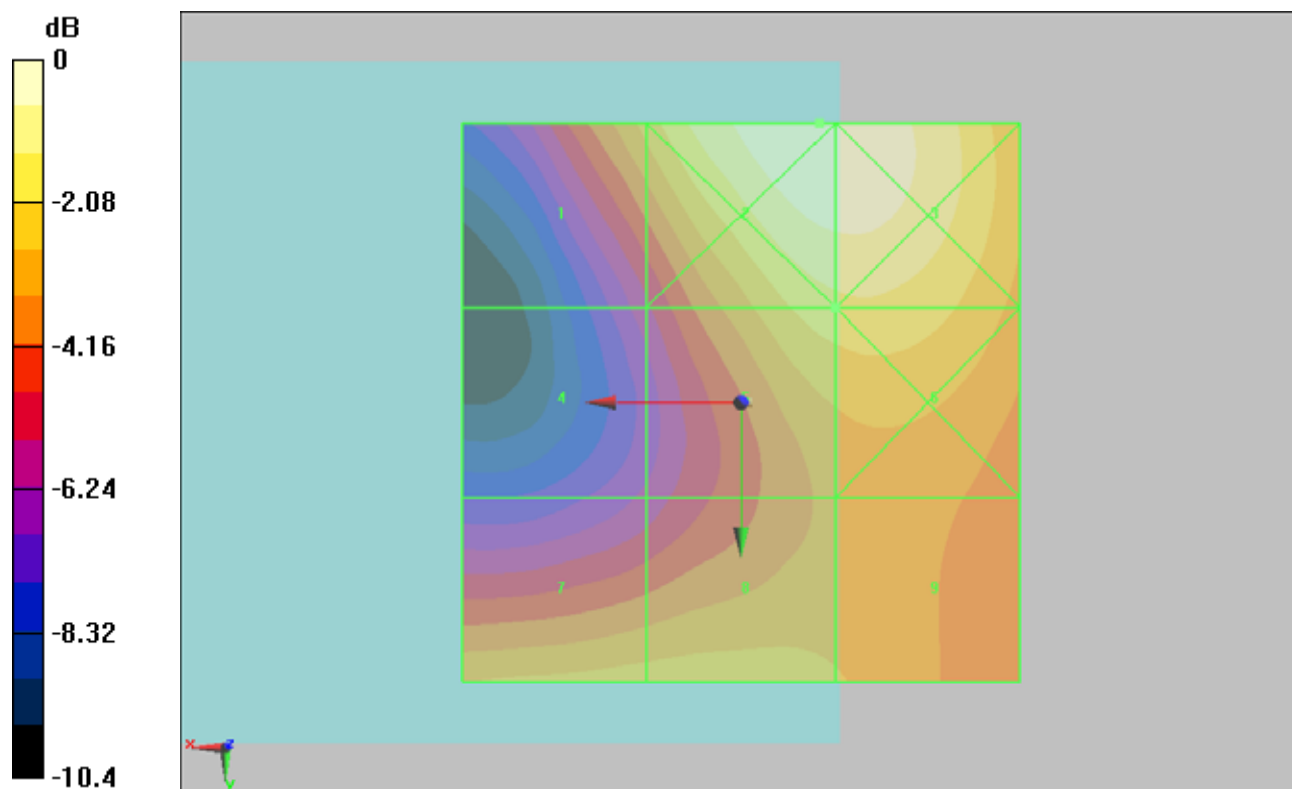
Grid 1 30.4 M4	Grid 2 40.5 M4	Grid 3 40.4 M4
Grid 4 21 M4	Grid 5 33.7 M4	Grid 6 34.1 M4
Grid 7 30.7 M4	Grid 8 30.8 M4	Grid 9 29.7 M4

Cursor:

Total = 40.5 V/m

E Category: M4

Location: -7, -25, 8.7 mm



0 dB = 40.5V/m

#12 HAC_E_WCDMA V_RMC12.2K_Ch9538

DUT: 172802-02

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

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.8 V/m; Power Drift = -0.011 dB

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

Peak E-field in V/m

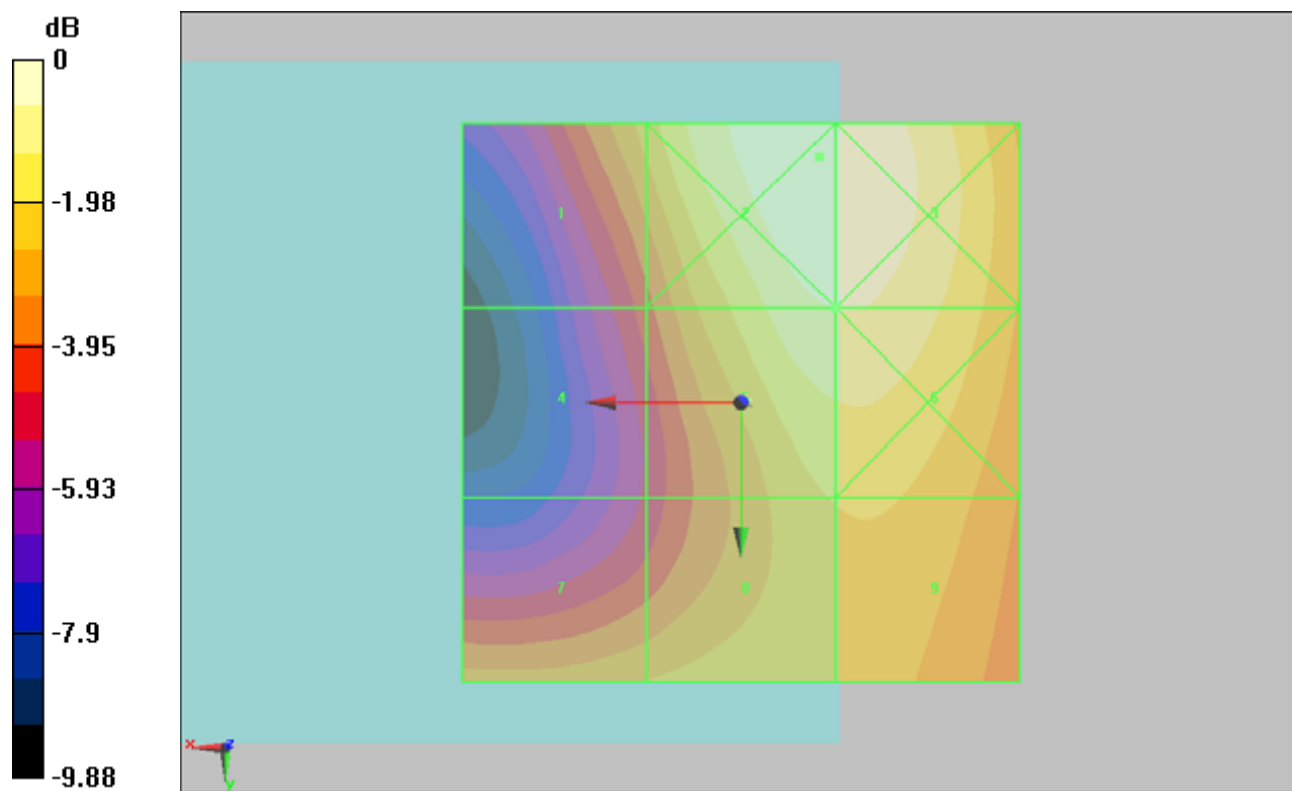
Grid 1 24.8 M4	Grid 2 32.3 M4	Grid 3 32.2 M4
Grid 4 19.9 M4	Grid 5 30 M4	Grid 6 30 M4
Grid 7 23.9 M4	Grid 8 25.9 M4	Grid 9 26 M4

Cursor:

Total = 32.3 V/m

E Category: M4

Location: -7, -22, 8.7 mm



0 dB = 32.3V/m

#13 HAC_H_GSM850_Ch128

DUT: 172802-02

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.218 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.082 A/m; Power Drift = -0.012 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

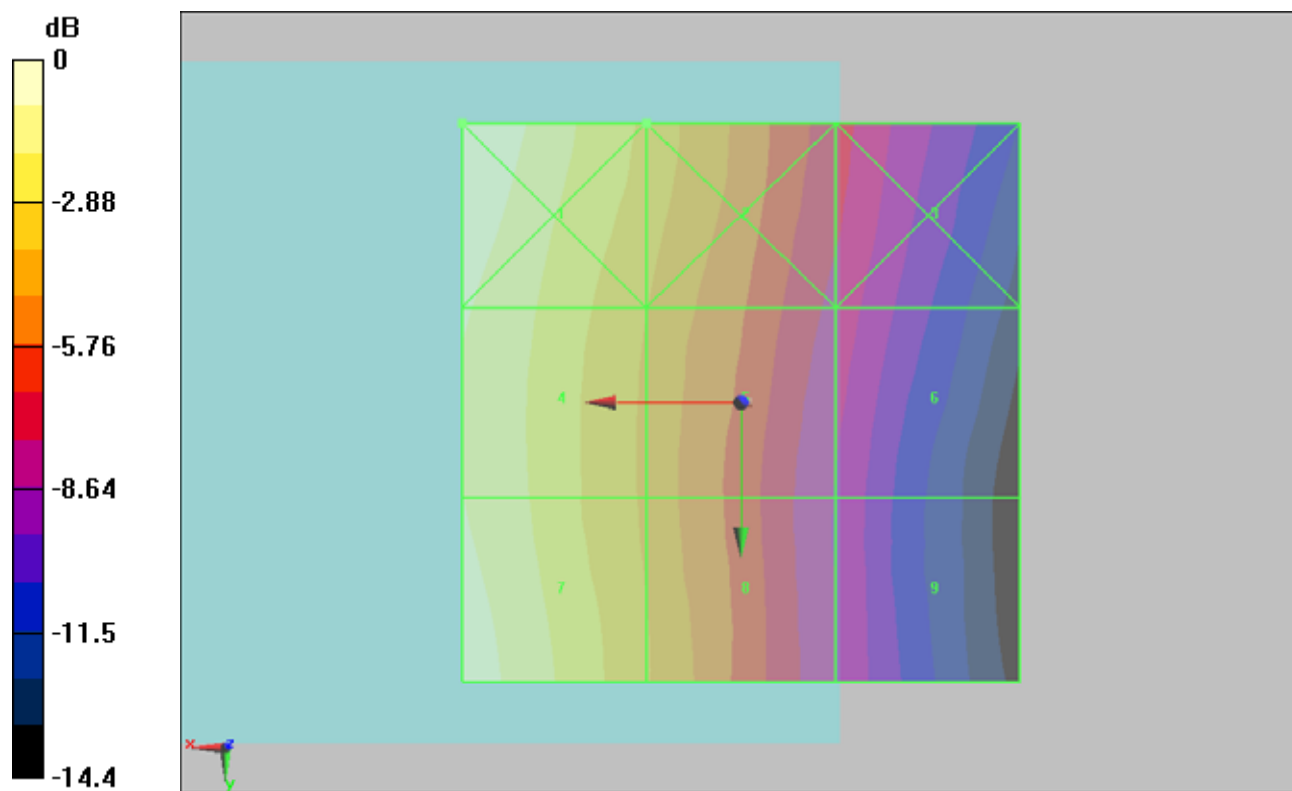
Grid 1 0.227 M4	Grid 2 0.159 M4	Grid 3 0.099 M4
Grid 4 0.206 M4	Grid 5 0.147 M4	Grid 6 0.091 M4
Grid 7 0.218 M4	Grid 8 0.148 M4	Grid 9 0.084 M4

Cursor:

Total = 0.227 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#14 HAC_H_GSM850_Ch189

DUT: 172802-02

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

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.210 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.076 A/m; Power Drift = 0.027 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

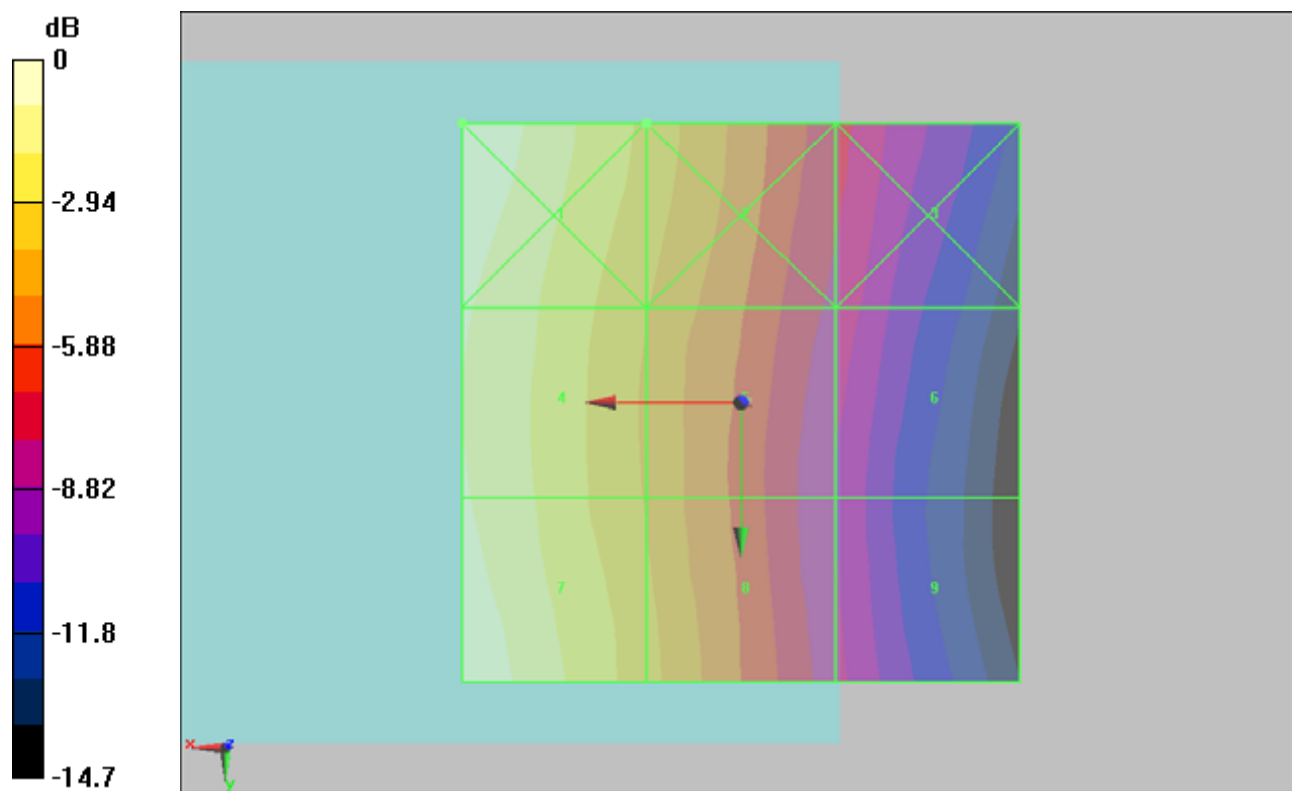
Grid 1 0.214 M4	Grid 2 0.149 M4	Grid 3 0.091 M4
Grid 4 0.194 M4	Grid 5 0.137 M4	Grid 6 0.084 M4
Grid 7 0.210 M4	Grid 8 0.142 M4	Grid 9 0.081 M4

Cursor:

Total = 0.214 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.214A/m

#15 HAC_H_GSM850_Ch251

DUT: 172802-02

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

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.208 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.077 A/m; Power Drift = 0.047 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

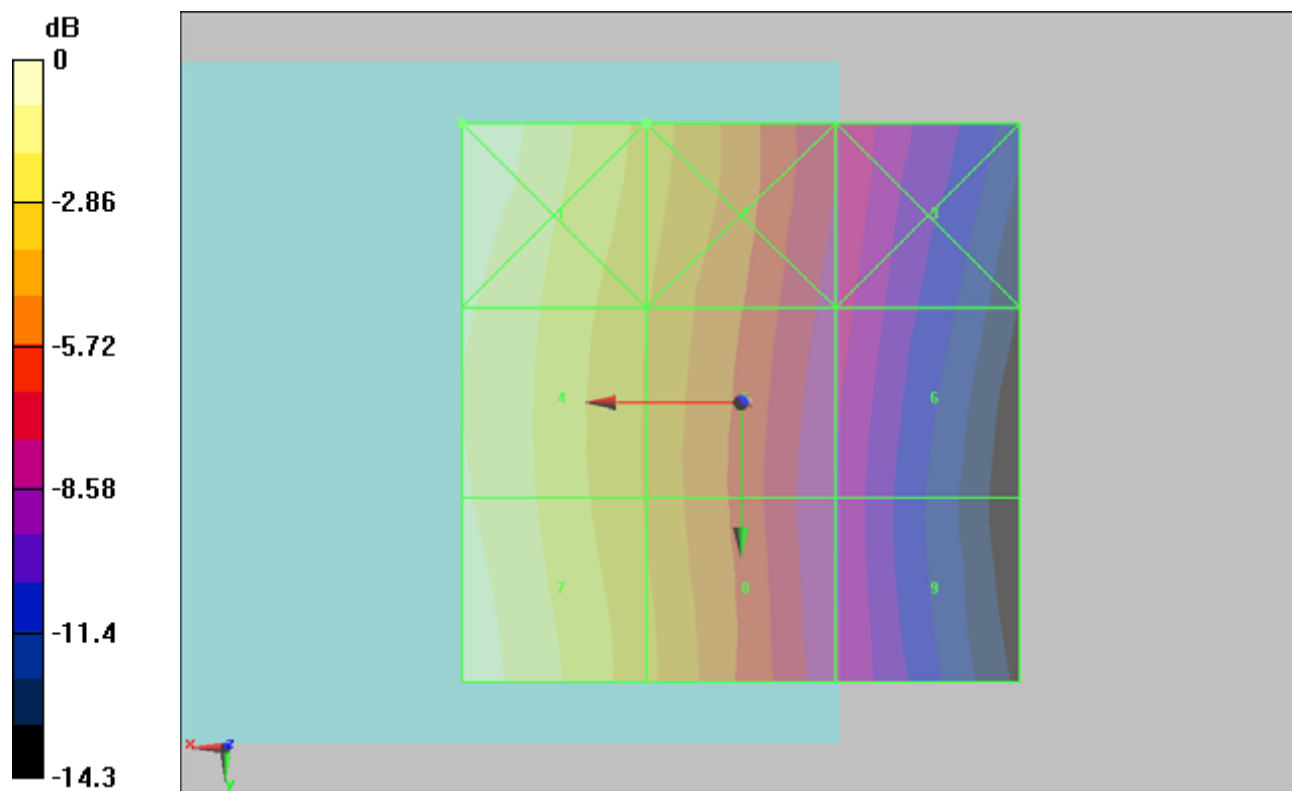
Grid 1 0.213 M4	Grid 2 0.148 M4	Grid 3 0.090 M4
Grid 4 0.194 M4	Grid 5 0.139 M4	Grid 6 0.084 M4
Grid 7 0.208 M4	Grid 8 0.142 M4	Grid 9 0.081 M4

Cursor:

Total = 0.213 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#16 HAC_H_GSM1900_Ch512

DUT: 172802-02

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.096 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.085 A/m; Power Drift = 0.030 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

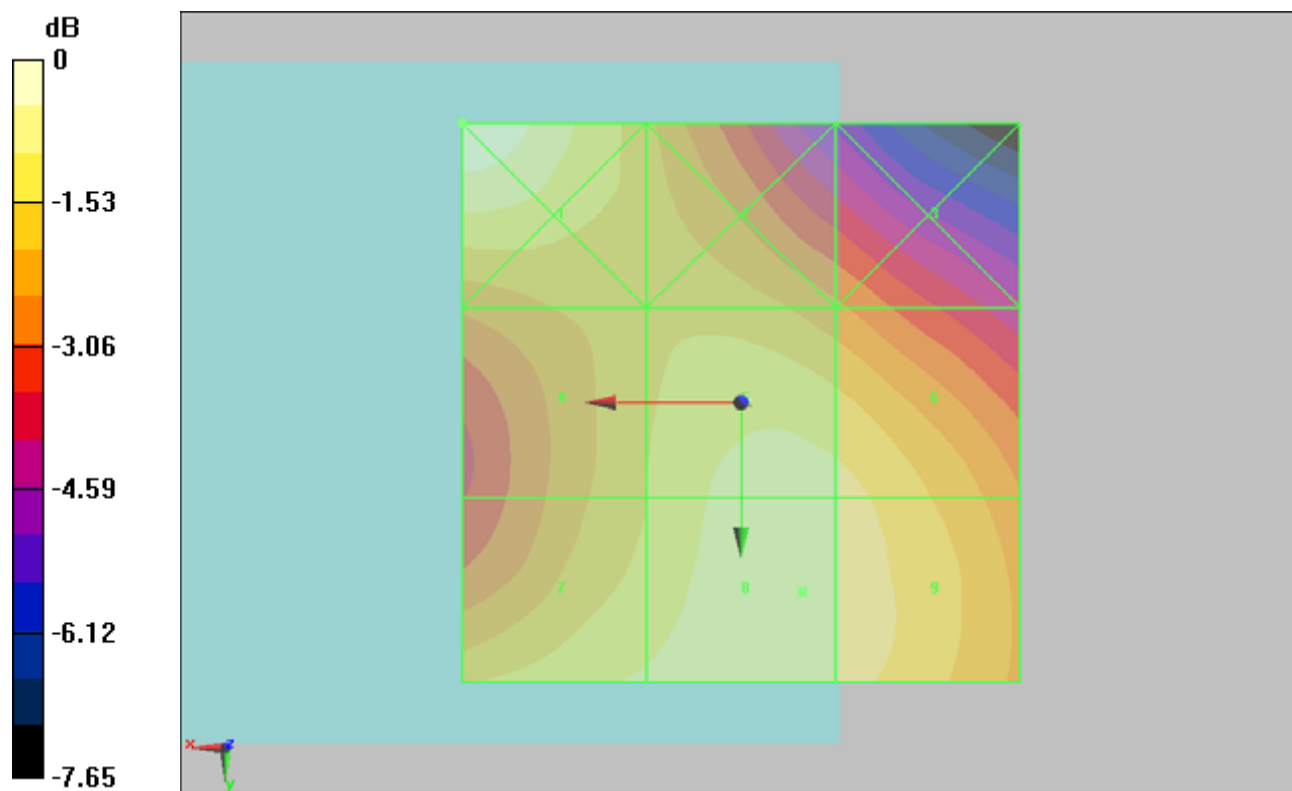
Grid 1 0.103 M4	Grid 2 0.085 M4	Grid 3 0.078 M4
Grid 4 0.086 M4	Grid 5 0.094 M4	Grid 6 0.094 M4
Grid 7 0.092 M4	Grid 8 0.096 M4	Grid 9 0.095 M4

Cursor:

Total = 0.103 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#17 HAC_H_GSM1900_Ch661**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.090 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.076 A/m; Power Drift = -0.012 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

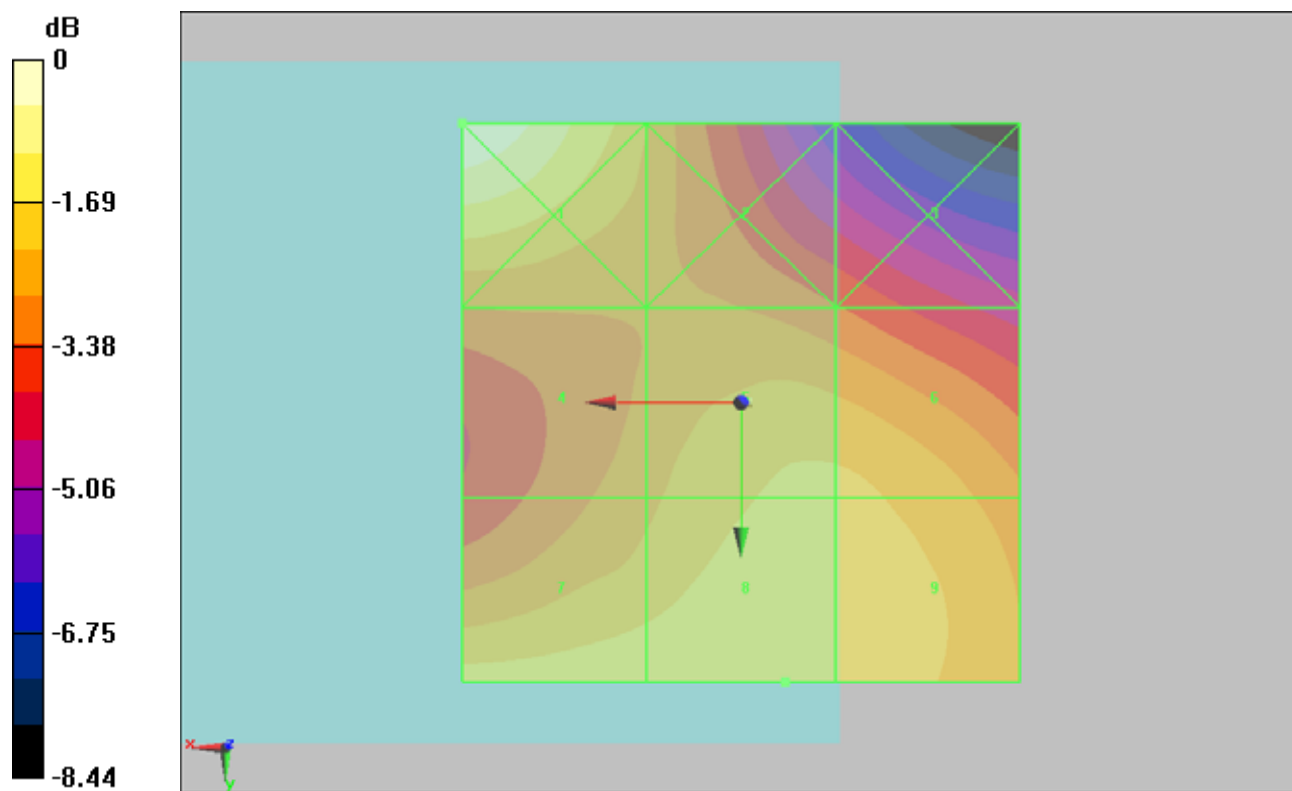
Grid 1 0.103 M4	Grid 2 0.080 M4	Grid 3 0.070 M4
Grid 4 0.078 M4	Grid 5 0.087 M4	Grid 6 0.086 M4
Grid 7 0.089 M4	Grid 8 0.090 M4	Grid 9 0.090 M4

Cursor:

Total = 0.103 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#18 HAC_H_GSM1900_Ch810**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.102 A/m

Probe Modulation Factor = 1.24

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.071 A/m; Power Drift = 0.080 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

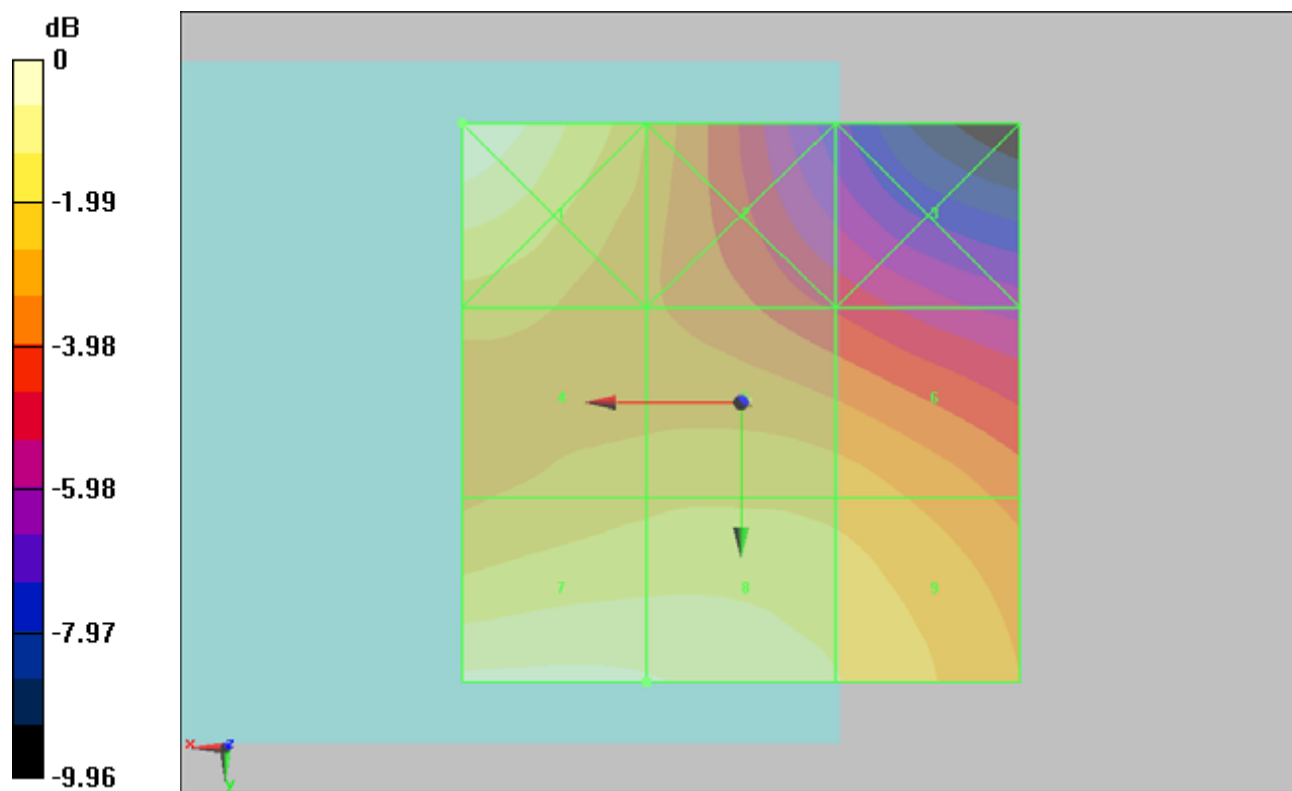
Grid 1 0.108 M4	Grid 2 0.080 M4	Grid 3 0.063 M4
Grid 4 0.084 M4	Grid 5 0.085 M4	Grid 6 0.084 M4
Grid 7 0.102 M4	Grid 8 0.101 M4	Grid 9 0.093 M4

Cursor:

Total = 0.108 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.108 A/m

#19 HAC_H_WCDMA V_RMC12.2K_Ch4132**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch4132/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.123 A/m

Probe Modulation Factor = 0.800

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.084 A/m; Power Drift = 0.065 dB

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

Peak H-field in A/m

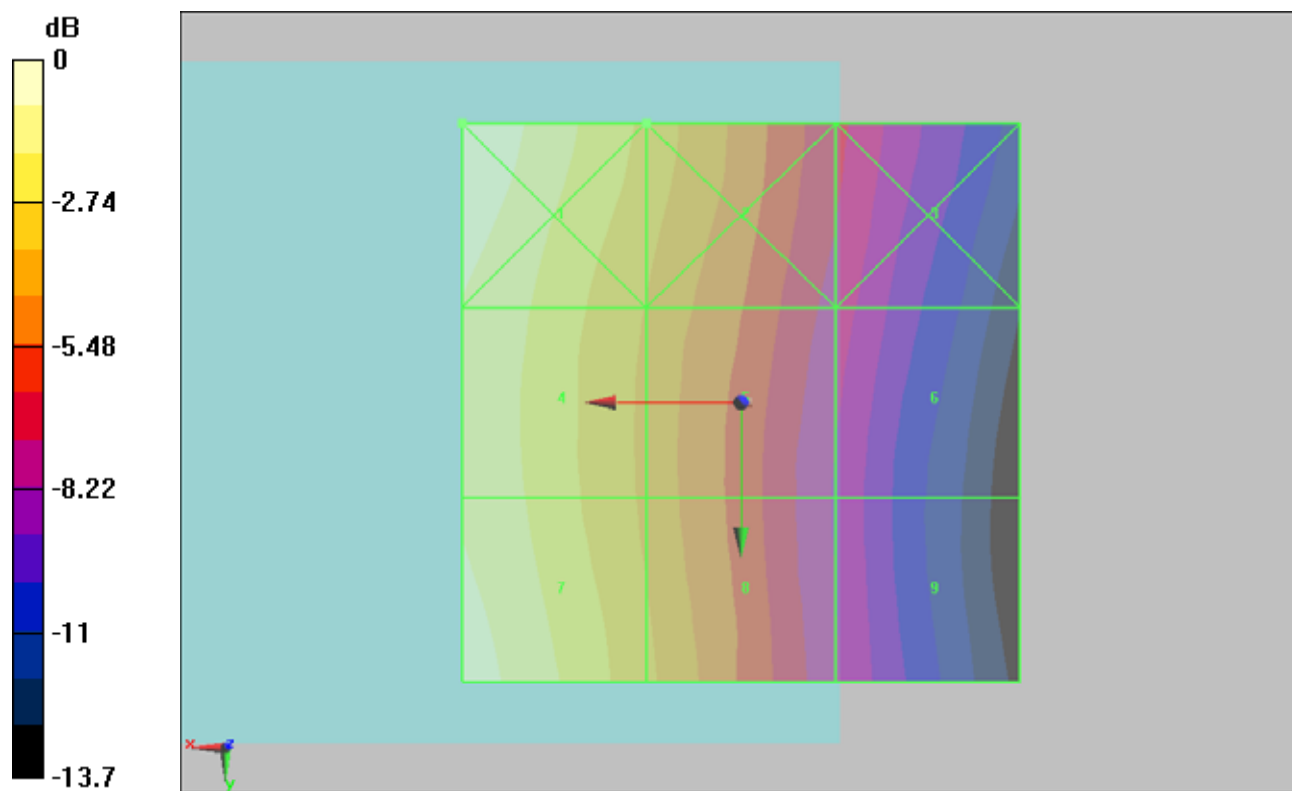
Grid 1 0.128 M4	Grid 2 0.091 M4	Grid 3 0.057 M4
Grid 4 0.115 M4	Grid 5 0.084 M4	Grid 6 0.053 M4
Grid 7 0.123 M4	Grid 8 0.086 M4	Grid 9 0.050 M4

Cursor:

Total = 0.128 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#20 HAC_H_WCDMA V_RMC12.2K_Ch4182**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch4182/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.112 A/m

Probe Modulation Factor = 0.800

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.074 A/m; Power Drift = 0.012 dB

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

Peak H-field in A/m

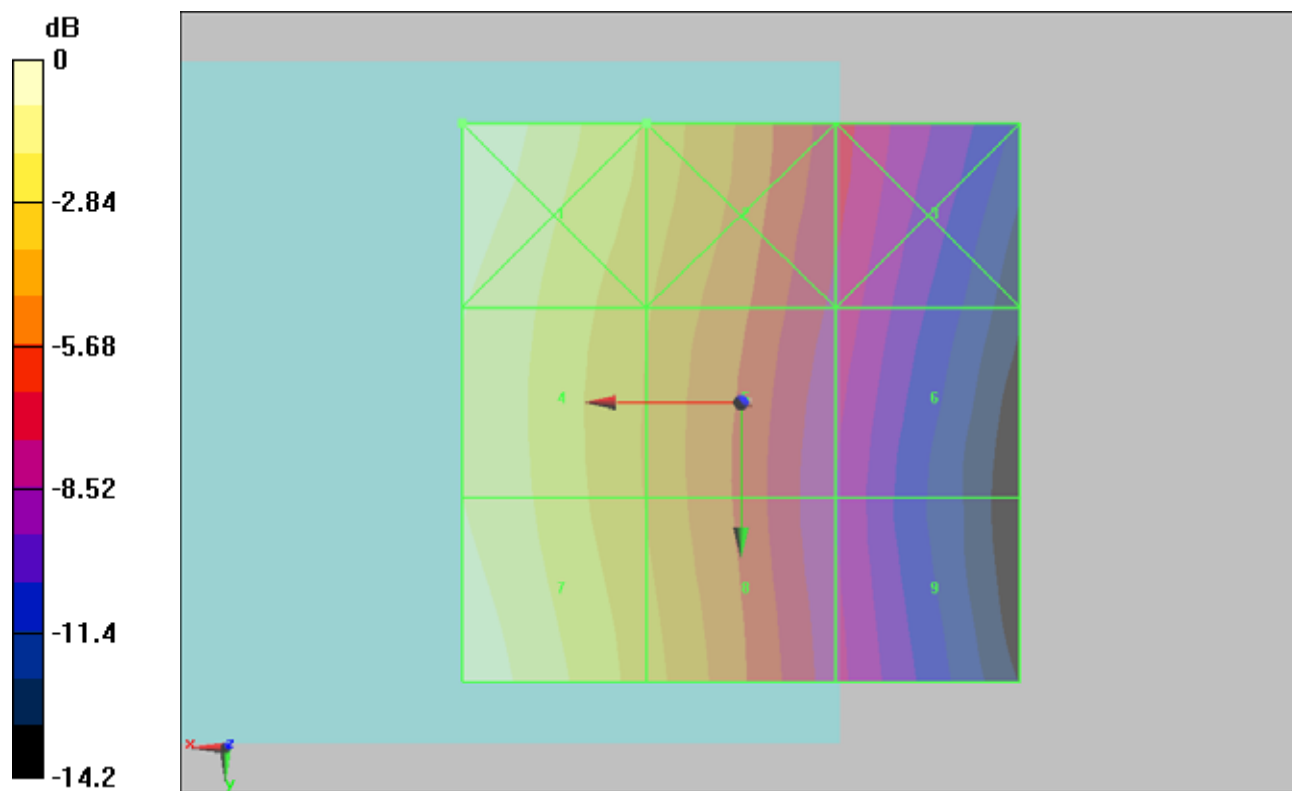
Grid 1 0.114 M4	Grid 2 0.081 M4	Grid 3 0.050 M4
Grid 4 0.103 M4	Grid 5 0.075 M4	Grid 6 0.046 M4
Grid 7 0.112 M4	Grid 8 0.078 M4	Grid 9 0.045 M4

Cursor:

Total = 0.114 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#21 HAC_H_WCDMA V_RMC12.2K_Ch4233**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.123 A/m

Probe Modulation Factor = 0.800

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.083 A/m; Power Drift = -0.042 dB

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

Peak H-field in A/m

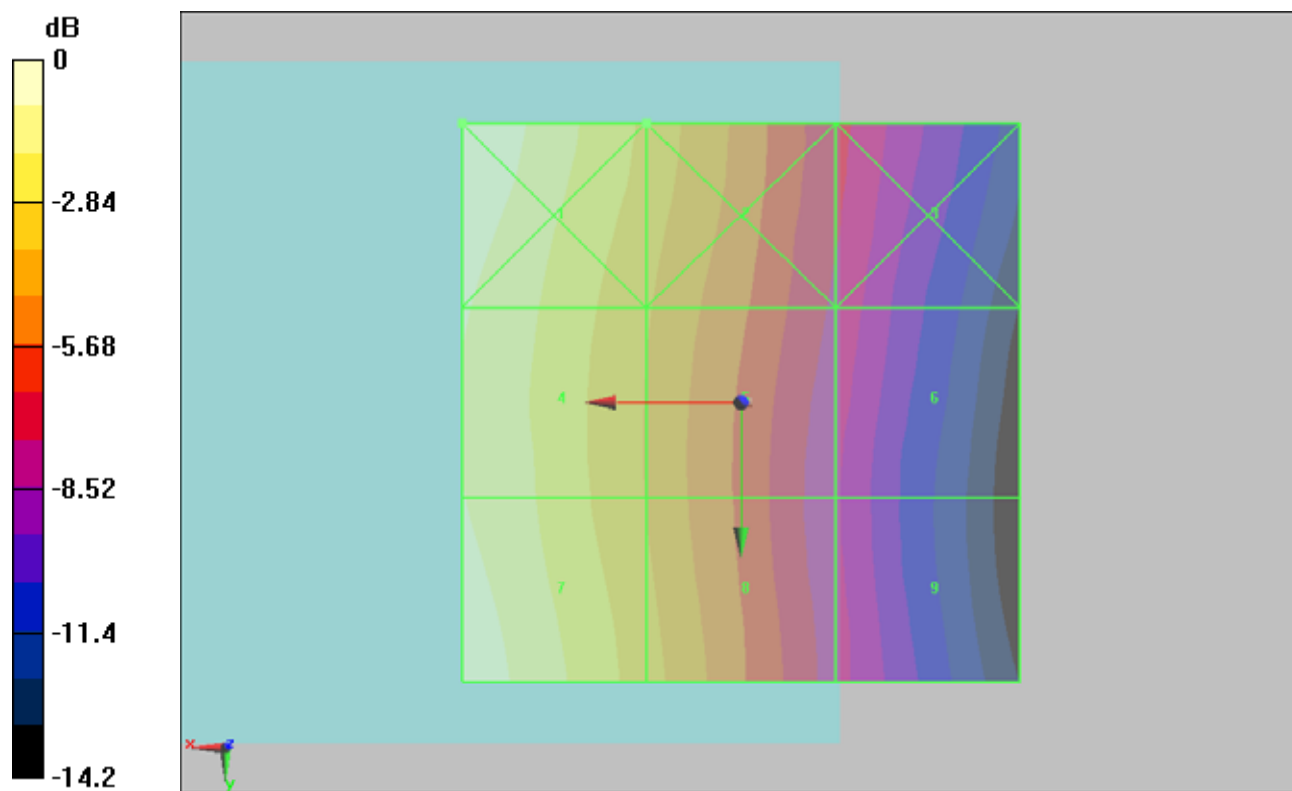
Grid 1 0.126 M4	Grid 2 0.089 M4	Grid 3 0.055 M4
Grid 4 0.114 M4	Grid 5 0.083 M4	Grid 6 0.052 M4
Grid 7 0.123 M4	Grid 8 0.086 M4	Grid 9 0.050 M4

Cursor:

Total = 0.126 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#22 HAC_H_WCDMA II_RMC12.2K_Ch9262

DUT: 172802-02

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch9262/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.054 A/m

Probe Modulation Factor = 0.510

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.117 A/m; Power Drift = -0.028 dB

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

Peak H-field in A/m

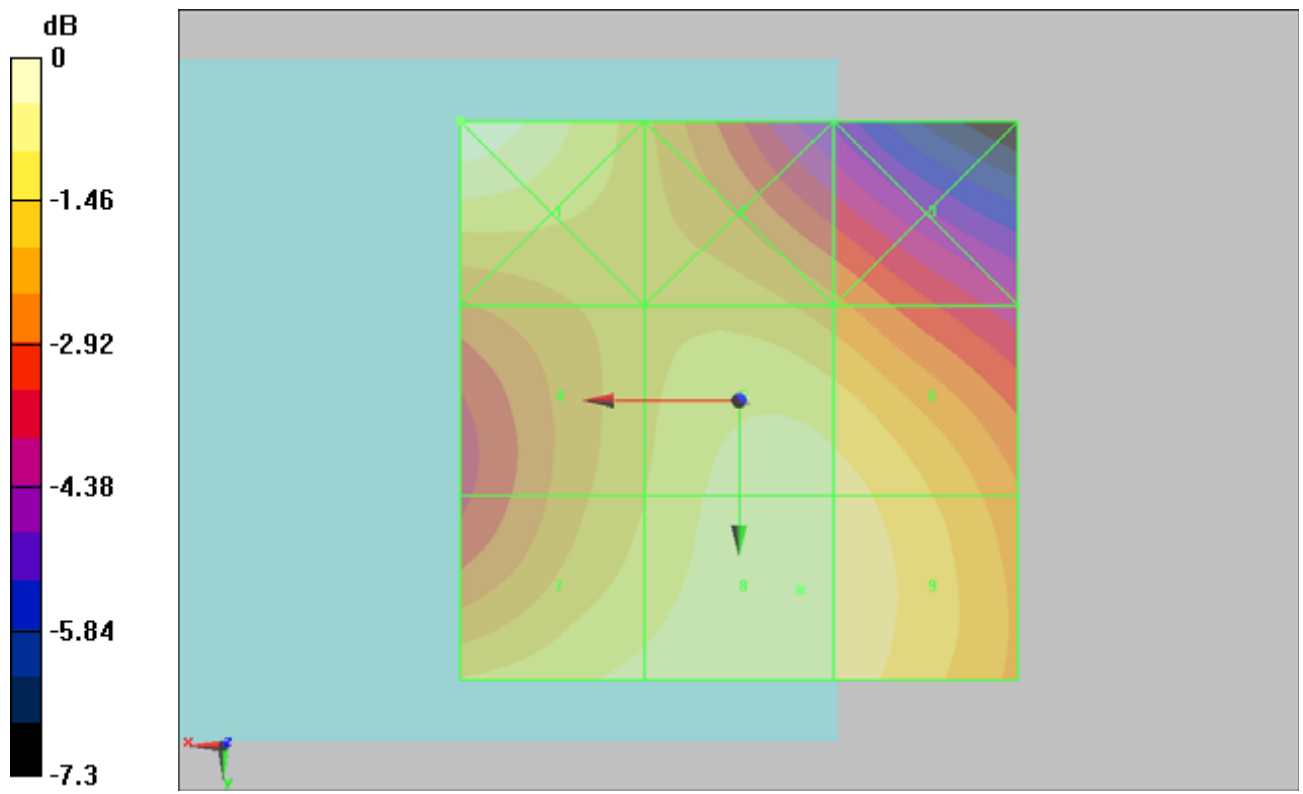
Grid 1 0.058 M4	Grid 2 0.048 M4	Grid 3 0.045 M4
Grid 4 0.049 M4	Grid 5 0.054 M4	Grid 6 0.053 M4
Grid 7 0.053 M4	Grid 8 0.054 M4	Grid 9 0.054 M4

Cursor:

Total = 0.058 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#23 HAC_H_WCDMA II_RMC12.2K_Ch9400**DUT: 172802-02**

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch9400/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.050 A/m

Probe Modulation Factor = 0.510

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.103 A/m; Power Drift = 0.017 dB

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

Peak H-field in A/m

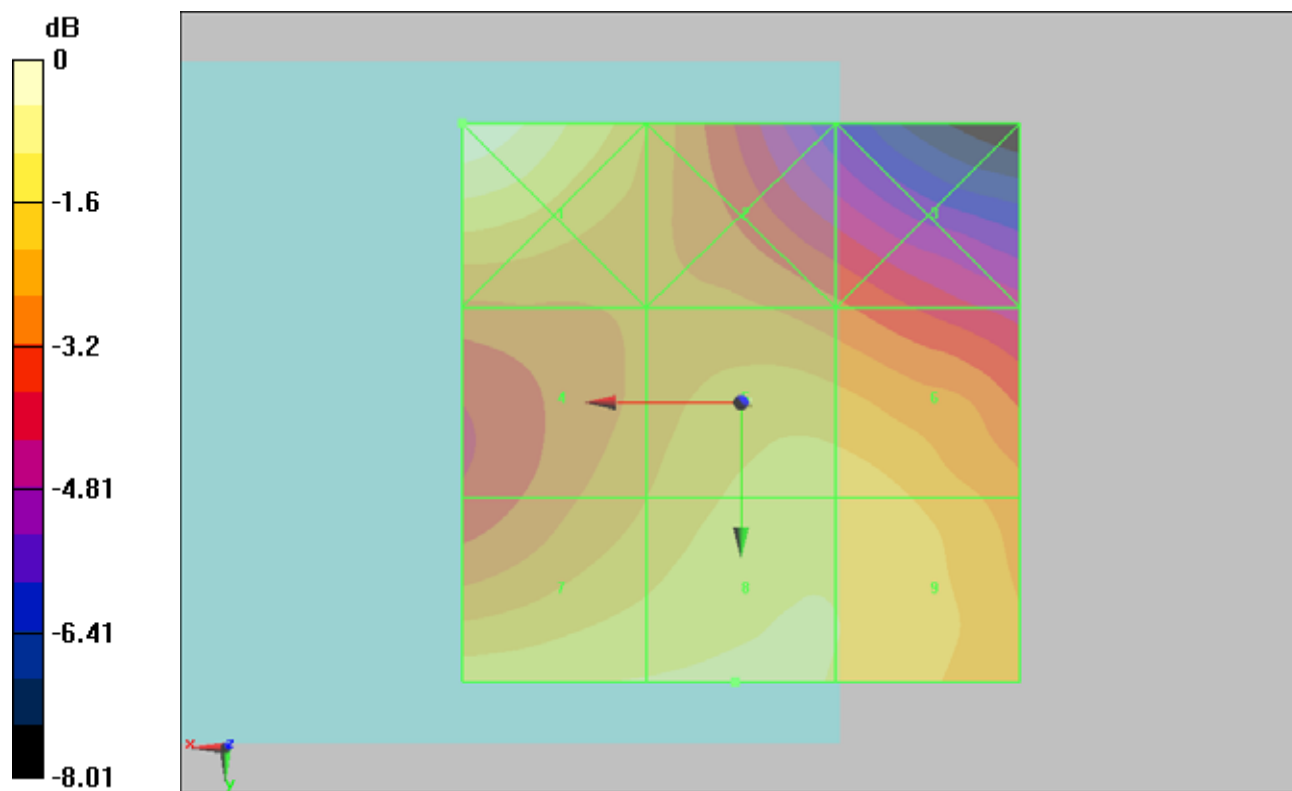
Grid 1 0.056 M4	Grid 2 0.044 M4	Grid 3 0.039 M4
Grid 4 0.044 M4	Grid 5 0.048 M4	Grid 6 0.048 M4
Grid 7 0.050 M4	Grid 8 0.050 M4	Grid 9 0.050 M4

Cursor:

Total = 0.056 A/m

H Category: M4

Location: 25, -25, 8.7 mm



#24 HAC_H_WCDMA II_RMC12.2K_Ch9538

DUT: 172802-02

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

DASY5 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17

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

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

Ch9538/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.045 A/m

Probe Modulation Factor = 0.510

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.079 A/m; Power Drift = -0.037 dB

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

Peak H-field in A/m

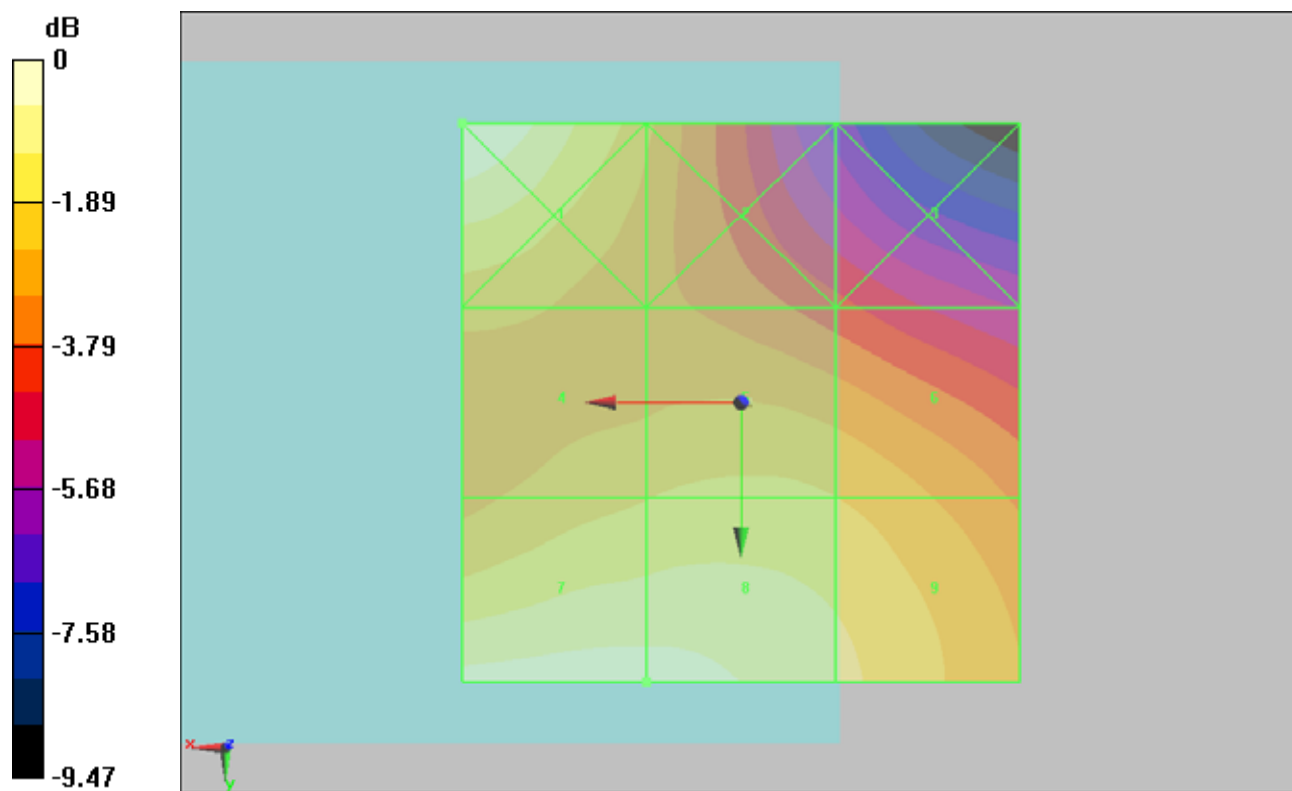
Grid 1 0.047 M4	Grid 2 0.036 M4	Grid 3 0.029 M4
Grid 4 0.038 M4	Grid 5 0.039 M4	Grid 6 0.038 M4
Grid 7 0.045 M4	Grid 8 0.045 M4	Grid 9 0.041 M4

Cursor:

Total = 0.047 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.047A/m