

#01 HAC_E_GSM1900_Ch810

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

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

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of peak Total field = 60.5 V/m

Probe Modulation Factor = 2.70

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 19.4 V/m; Power Drift = -0.015 dB

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

Peak E-field in V/m

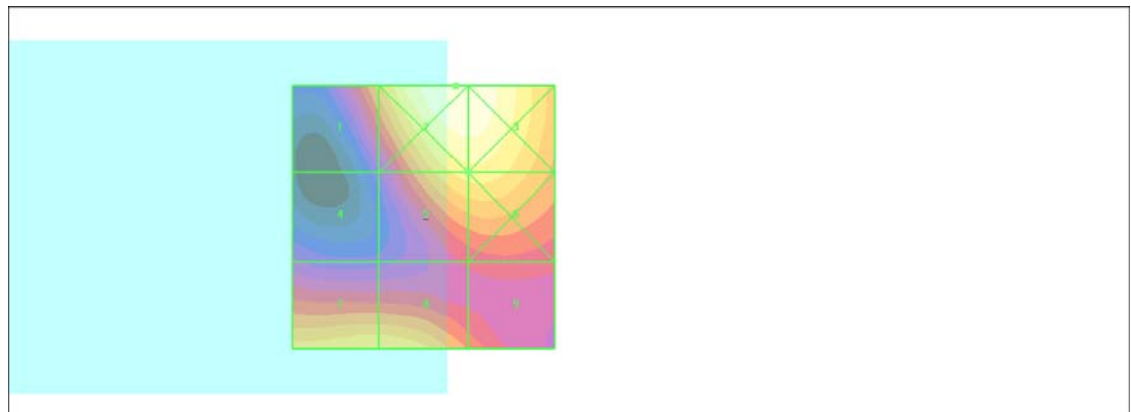
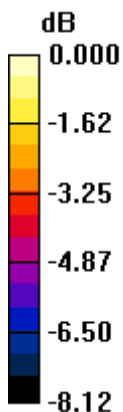
Grid 1 53.4 M3	Grid 2 70.7 M3	Grid 3 70.3 M3
Grid 4 39.0 M4	Grid 5 60.5 M3	Grid 6 60.8 M3
Grid 7 59.2 M3	Grid 8 59.2 M3	Grid 9 48.5 M3

Cursor:

Total = 70.7 V/m

E Category: M3

Location: -6, -25, 8.7 mm



0 dB = 70.7V/m

#02 HAC_E_GSM850_Ch251

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

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

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of peak Total field = 122.7 V/m

Probe Modulation Factor = 2.63

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 59.5 V/m; Power Drift = 0.177 dB

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

Peak E-field in V/m

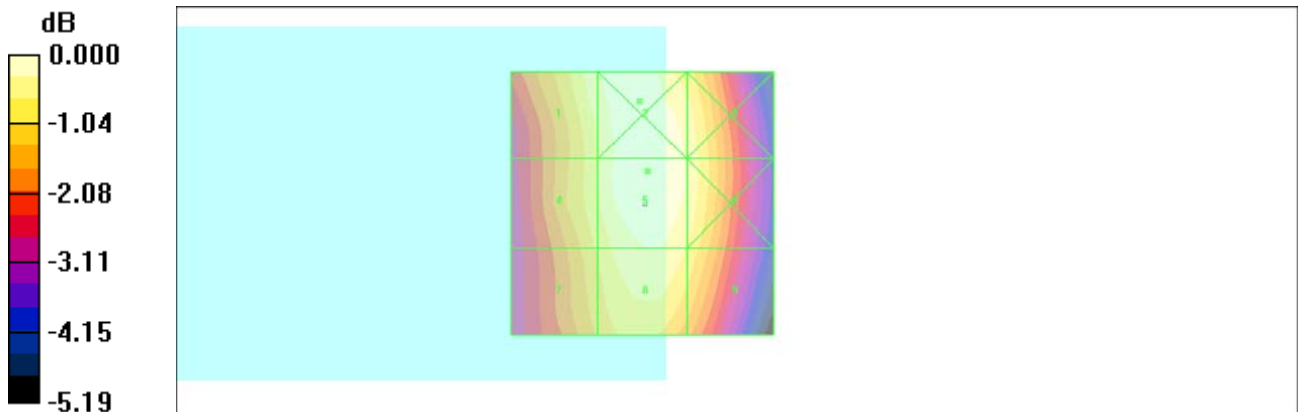
Grid 1 117.9 M4	Grid 2 123.3 M4	Grid 3 117.7 M4
Grid 4 113.8 M4	Grid 5 122.7 M4	Grid 6 118.1 M4
Grid 7 110.2 M4	Grid 8 118.5 M4	Grid 9 113.5 M4

Cursor:

Total = 123.3 V/m

E Category: M4

Location: 0.5, -19.5, 8.7 mm



0 dB = 123.3V/m

#03 HAC_E_WCDMA II_Ch9262

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

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

Maximum value of peak Total field = 30.9 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 28.9 V/m; Power Drift = -0.106 dB

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

Peak E-field in V/m

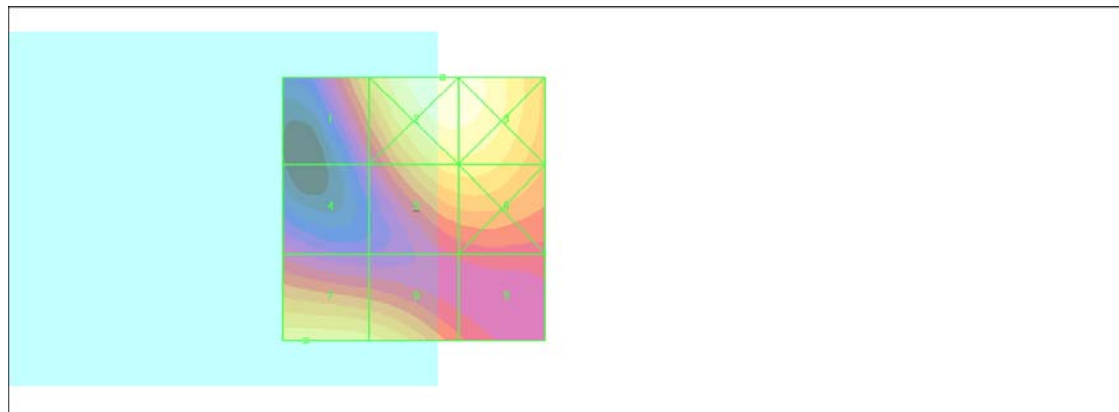
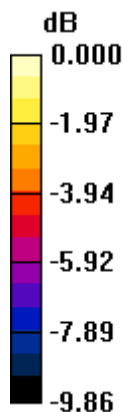
Grid 1 27.8 M4	Grid 2 36.6 M4	Grid 3 36.0 M4
Grid 4 19.7 M4	Grid 5 30.5 M4	Grid 6 30.5 M4
Grid 7 30.9 M4	Grid 8 30.2 M4	Grid 9 22.2 M4

Cursor:

Total = 36.6 V/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 36.6V/m

#04 HAC_E_WCDMA V_Ch4233

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

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

Maximum value of peak Total field = 48.7 V/m
 Probe Modulation Factor = 0.980
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 65.4 V/m; Power Drift = -0.033 dB

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

Peak E-field in V/m

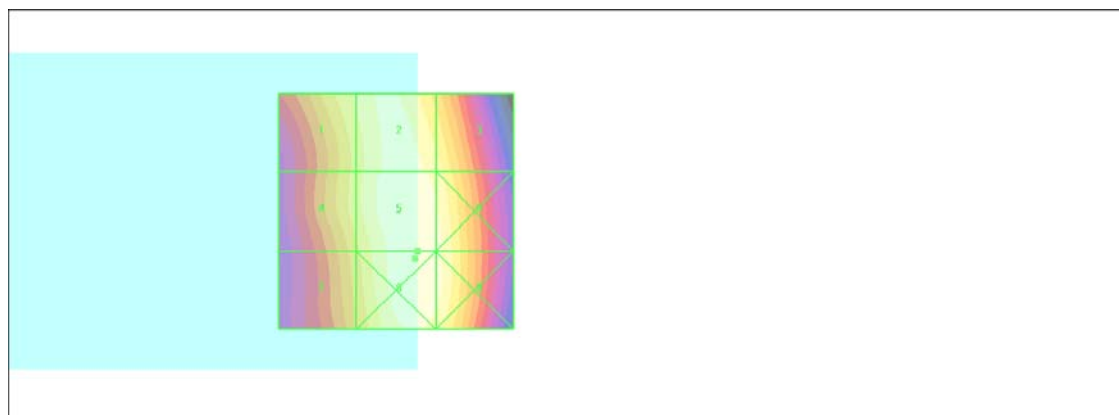
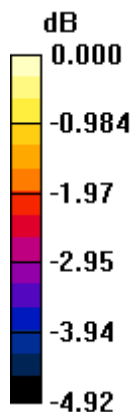
Grid 1 45.6 M4	Grid 2 47.8 M4	Grid 3 45.9 M4
Grid 4 44.6 M4	Grid 5 48.7 M4	Grid 6 47.6 M4
Grid 7 43.0 M4	Grid 8 48.7 M4	Grid 9 47.7 M4

Cursor:

Total = 48.7 V/m

E Category: M4

Location: -4, 10, 8.7 mm



0 dB = 48.7V/m

#05 HAC_H_GSM1900_Ch810

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

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

Maximum value of peak Total field = 0.103 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.040 A/m; Power Drift = 0.030 dB

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

Peak H-field in A/m

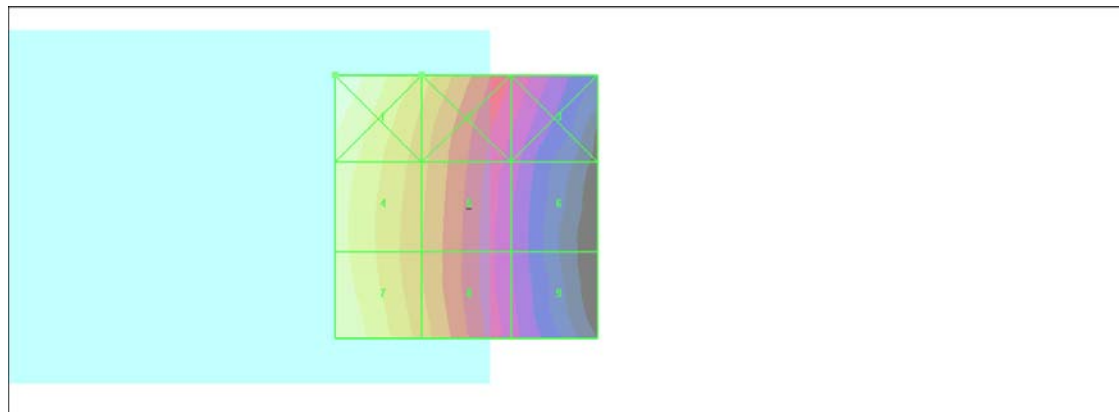
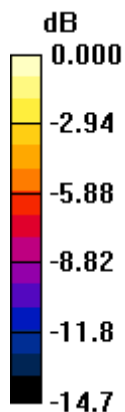
Grid 1 0.113 M4	Grid 2 0.077 M4	Grid 3 0.046 M4
Grid 4 0.098 M4	Grid 5 0.067 M4	Grid 6 0.039 M4
Grid 7 0.103 M4	Grid 8 0.068 M4	Grid 9 0.039 M4

Cursor:

Total = 0.113 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.113A/m

#06 HAC_H_GSM850_Ch128

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

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

Maximum value of peak Total field = 0.108 A/m

Probe Modulation Factor = 1.50

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.035 A/m; Power Drift = 0.008 dB

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

Peak H-field in A/m

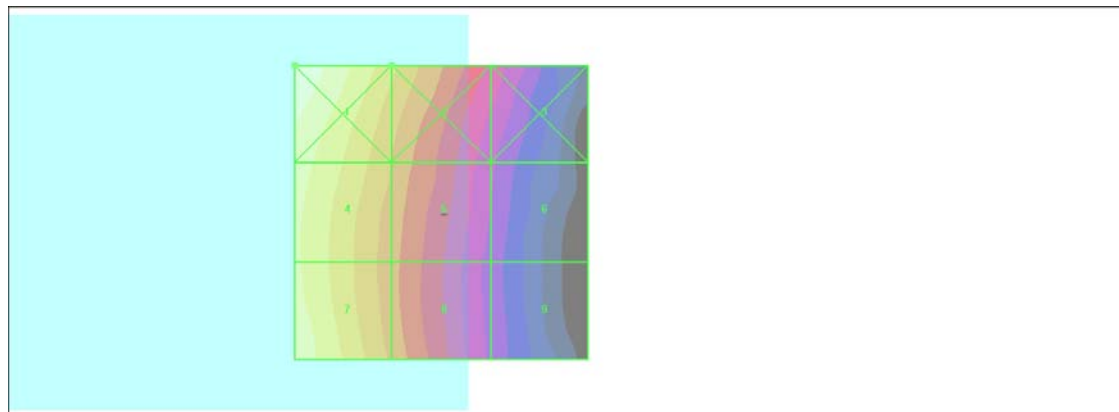
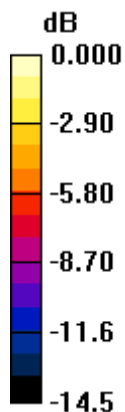
Grid 1 0.123 M4	Grid 2 0.082 M4	Grid 3 0.049 M4
Grid 4 0.105 M4	Grid 5 0.070 M4	Grid 6 0.042 M4
Grid 7 0.108 M4	Grid 8 0.069 M4	Grid 9 0.040 M4

Cursor:

Total = 0.123 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.123A/m

#07 HAC_H_WCDMA II_Ch9262

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

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

Maximum value of peak Total field = 0.047 A/m

Probe Modulation Factor = 0.520

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.100 A/m; Power Drift = -0.061 dB

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

Peak H-field in A/m

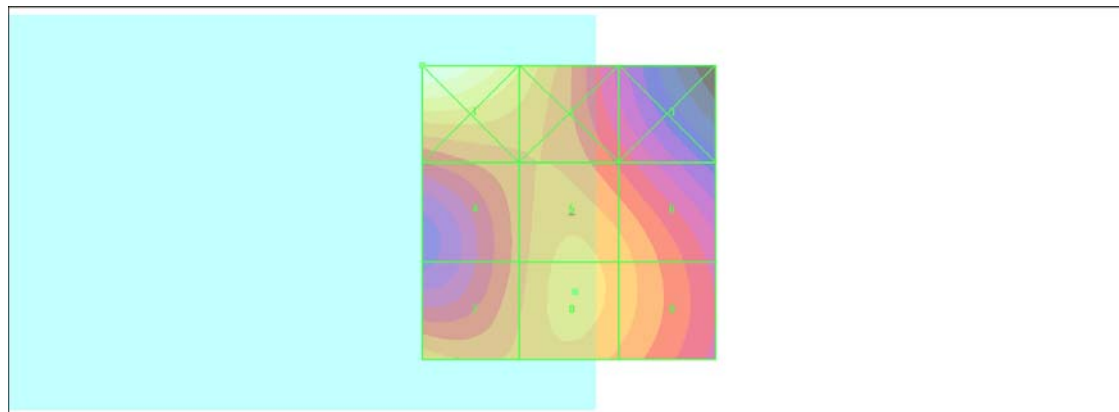
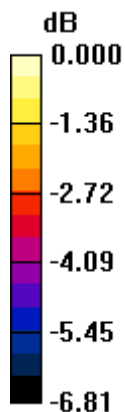
Grid 1 0.056 M4	Grid 2 0.048 M4	Grid 3 0.038 M4
Grid 4 0.043 M4	Grid 5 0.046 M4	Grid 6 0.044 M4
Grid 7 0.045 M4	Grid 8 0.047 M4	Grid 9 0.045 M4

Cursor:

Total = 0.056 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.056A/m

#08 HAC_H_WCDMA V_Ch4233

DUT: 172733

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 : 22.4 °C

DASY4 Configuration:

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

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

Maximum value of peak Total field = 0.084 A/m

Probe Modulation Factor = 0.800

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.056 A/m; Power Drift = -0.216 dB

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

Peak H-field in A/m

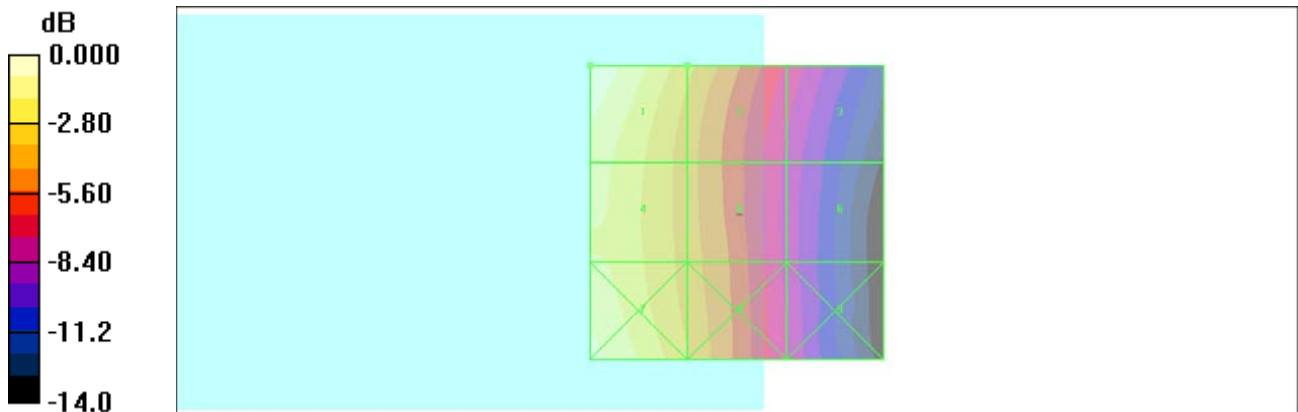
Grid 1 0.084 M4	Grid 2 0.057 M4	Grid 3 0.035 M4
Grid 4 0.073 M4	Grid 5 0.052 M4	Grid 6 0.031 M4
Grid 7 0.078 M4	Grid 8 0.056 M4	Grid 9 0.032 M4

Cursor:

Total = 0.084 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.084A/m