

01 HAC RF_E_CDMA BC0_RC0 SO3_1-8 Rate_Ch1013

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 824.7 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch1013/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 = 35.93 V/m; Power Drift = -0.02 dB

Applied MIF = 0.74 dB

RF audio interference level = 31.06 dBV/m

Emission category: M4

MIF scaled E-field

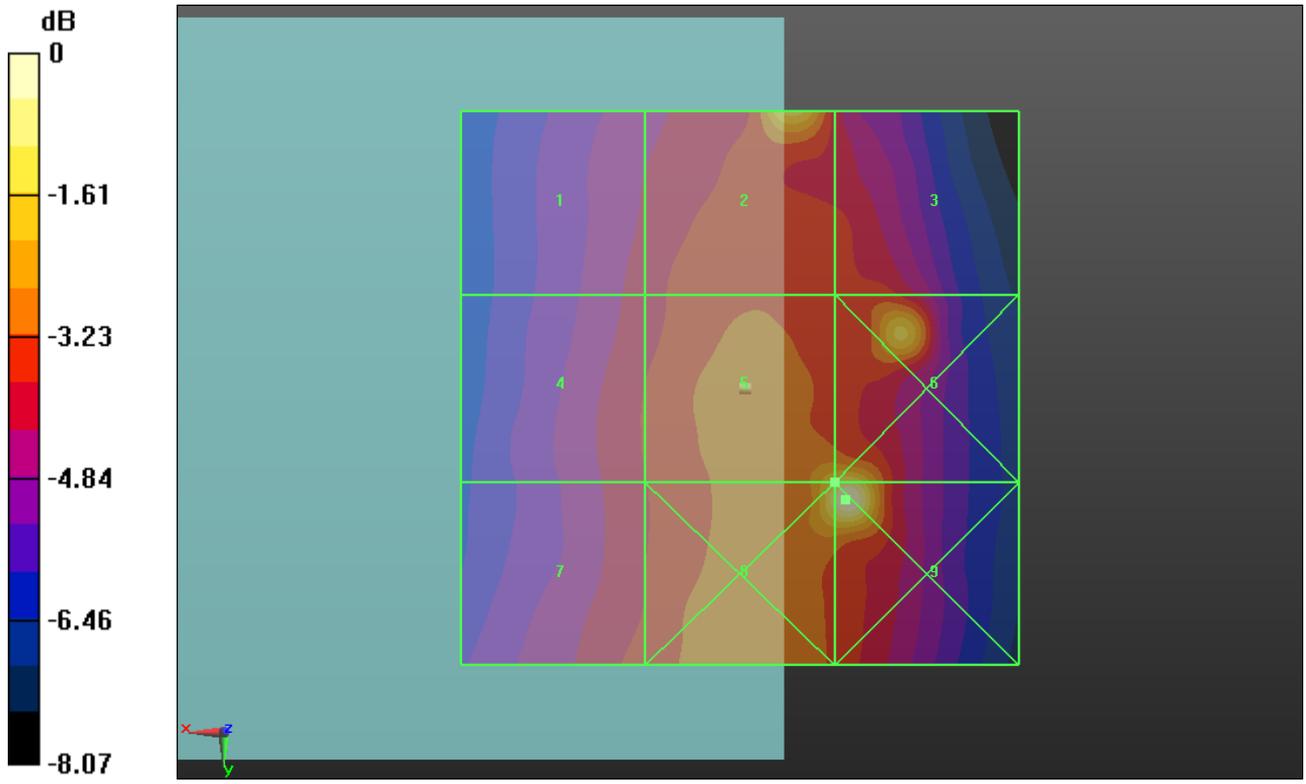
Grid 1 M4 28.33 dBV/m	Grid 2 M4 31.04 dBV/m	Grid 3 M4 28.87 dBV/m
Grid 4 M4 28.65 dBV/m	Grid 5 M4 31.06 dBV/m	Grid 6 M4 31.45 dBV/m
Grid 7 M4 28.84 dBV/m	Grid 8 M4 31.75 dBV/m	Grid 9 M4 32.35 dBV/m

Cursor:

Total = 32.35 dBV/m

E Category: M4

Location: -9.5, 10, 8.7 mm



0 dB = 41.43 V/m = 32.35 dBV/m

02 HAC RF_E_CDMA BC0_RC0 SO3_1-8 Rate_Ch384

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 836.52 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch384/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 = 33.91 V/m; Power Drift = -0.04 dB

Applied MIF = 0.74 dB

RF audio interference level = 31.71 dBV/m

Emission category: M4

MIF scaled E-field

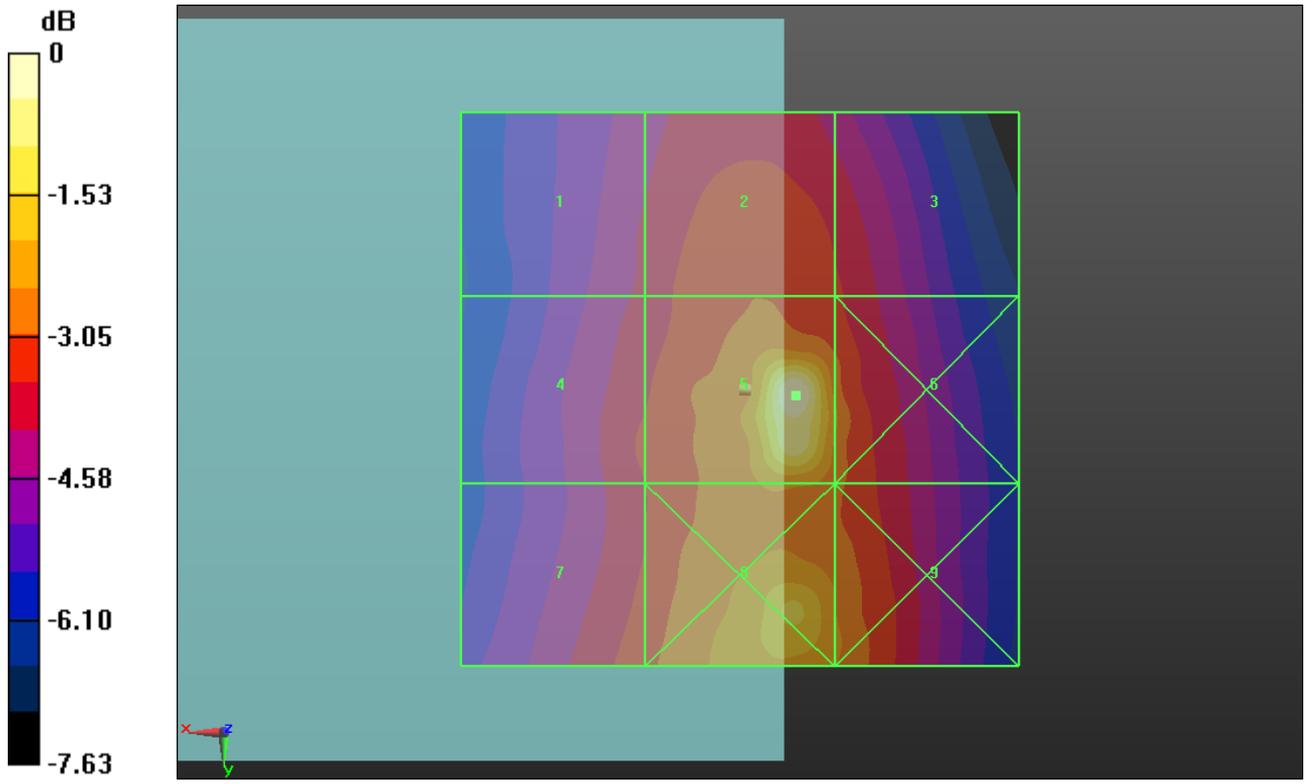
Grid 1 M4 27.83 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 28.25 dBV/m
Grid 4 M4 28.26 dBV/m	Grid 5 M4 31.71 dBV/m	Grid 6 M4 29.33 dBV/m
Grid 7 M4 28.52 dBV/m	Grid 8 M4 30.3 dBV/m	Grid 9 M4 29.32 dBV/m

Cursor:

Total = 31.71 dBV/m

E Category: M4

Location: -5, 0.5, 8.7 mm



0 dB = 38.49 V/m = 31.71 dBV/m

03 HAC RF_E_CDMA BC0_RC0 SO3_1-8 Rate_Ch777

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 848.31 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch777/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 = 29.22 V/m; Power Drift = 0.11 dB

Applied MIF = 0.74 dB

RF audio interference level = 27.92 dBV/m

Emission category: M4

MIF scaled E-field

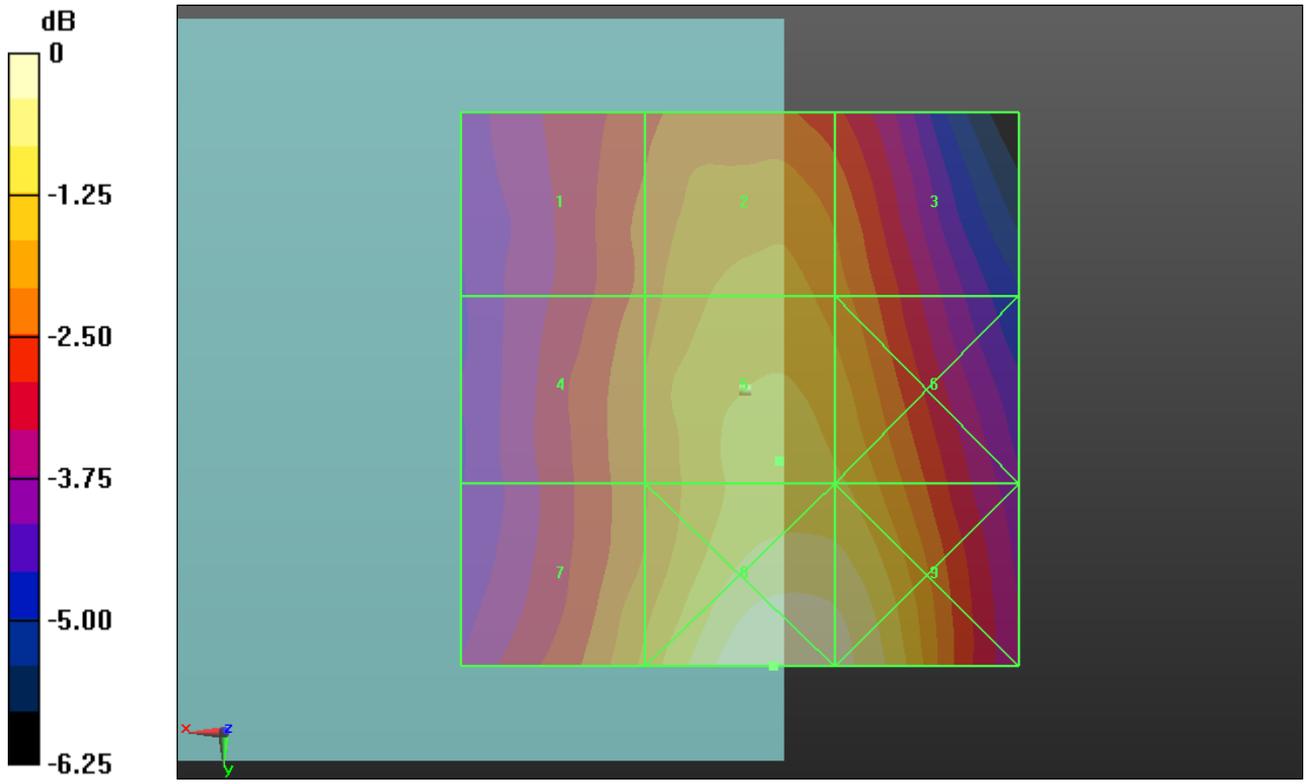
Grid 1 M4 26.65 dBV/m	Grid 2 M4 27.47 dBV/m	Grid 3 M4 27.1 dBV/m
Grid 4 M4 26.92 dBV/m	Grid 5 M4 27.92 dBV/m	Grid 6 M4 27.81 dBV/m
Grid 7 M4 27.43 dBV/m	Grid 8 M4 28.96 dBV/m	Grid 9 M4 28.76 dBV/m

Cursor:

Total = 28.96 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 28.06 V/m = 28.96 dBV/m

04 HAC RF_E_CDMA BC1_RC1 SO3_1-8 Rate_Ch25

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1851.25 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch25/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 = 8.929 V/m; Power Drift = -0.05 dB

Applied MIF = 0.74 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

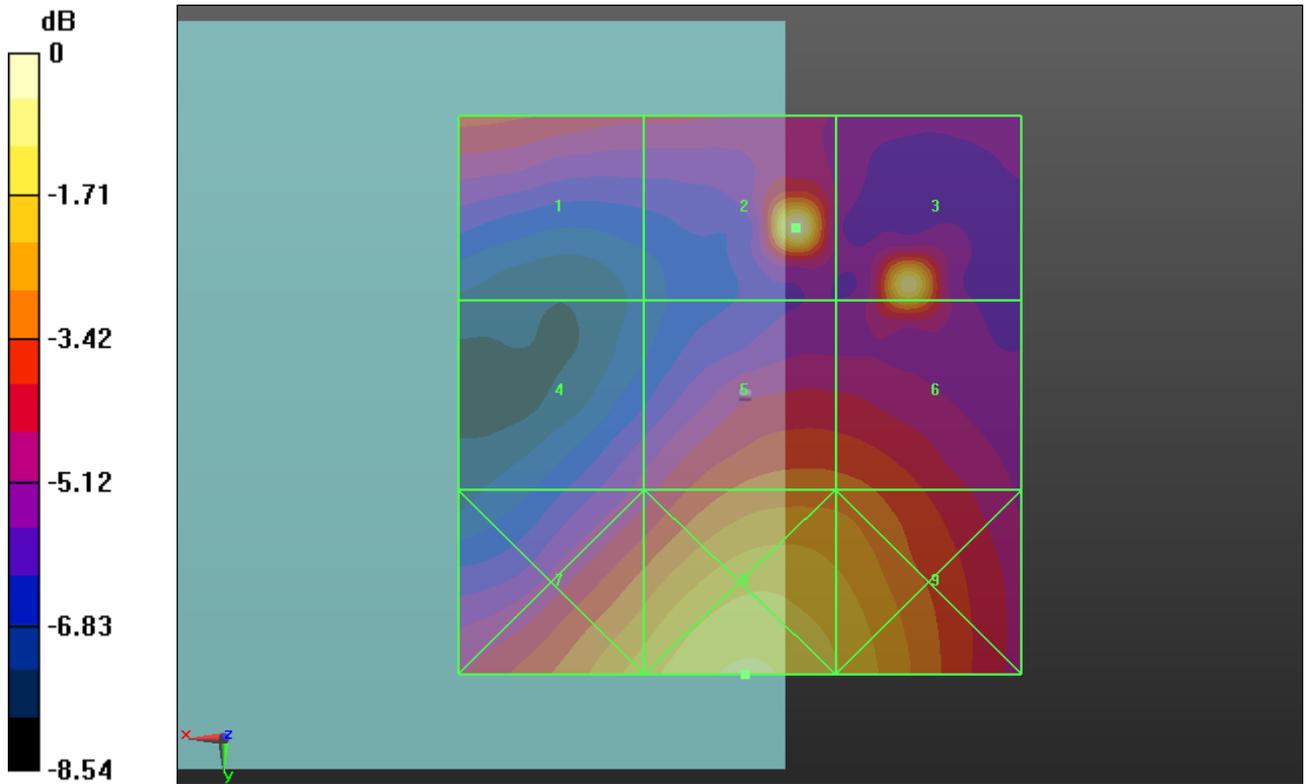
Grid 1 M4 18.83 dBV/m	Grid 2 M4 22.58 dBV/m	Grid 3 M4 21.91 dBV/m
Grid 4 M4 17.77 dBV/m	Grid 5 M4 19.51 dBV/m	Grid 6 M4 20.57 dBV/m
Grid 7 M4 20.64 dBV/m	Grid 8 M4 21.54 dBV/m	Grid 9 M4 20.95 dBV/m

Cursor:

Total = 22.58 dBV/m

E Category: M4

Location: -5, -15, 8.7 mm



0 dB = 13.46 V/m = 22.58 dBV/m

05 HAC RF_E_CDMA BC1_RC1 SO3_1-8 Rate_Ch600

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1880 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch600/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 = 8.722 V/m; Power Drift = -0.01 dB

Applied MIF = 0.74 dB

RF audio interference level = 20.09 dBV/m

Emission category: M4

MIF scaled E-field

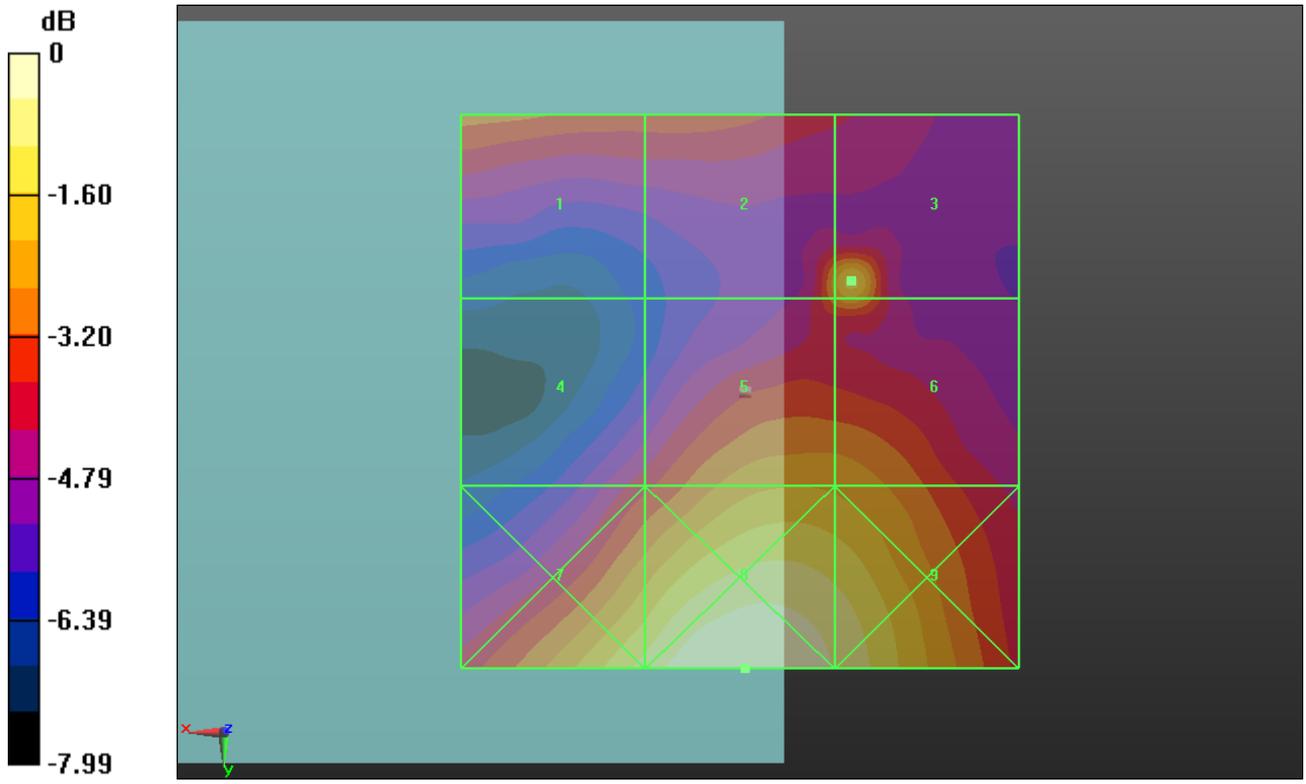
Grid 1 M4 18.57 dBV/m	Grid 2 M4 19.19 dBV/m	Grid 3 M4 20.09 dBV/m
Grid 4 M4 17.65 dBV/m	Grid 5 M4 19.38 dBV/m	Grid 6 M4 19.38 dBV/m
Grid 7 M4 20.69 dBV/m	Grid 8 M4 21.51 dBV/m	Grid 9 M4 20.96 dBV/m

Cursor:

Total = 21.51 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 11.90 V/m = 21.51 dBV/m

06 HAC RF_E_CDMA BC1_RC1 SO3_1-8 Rate_Ch1175

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 1908.75 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch1175/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 = 10.24 V/m; Power Drift = -0.08 dB

Applied MIF = 0.74 dB

RF audio interference level = 19.39 dBV/m

Emission category: M4

MIF scaled E-field

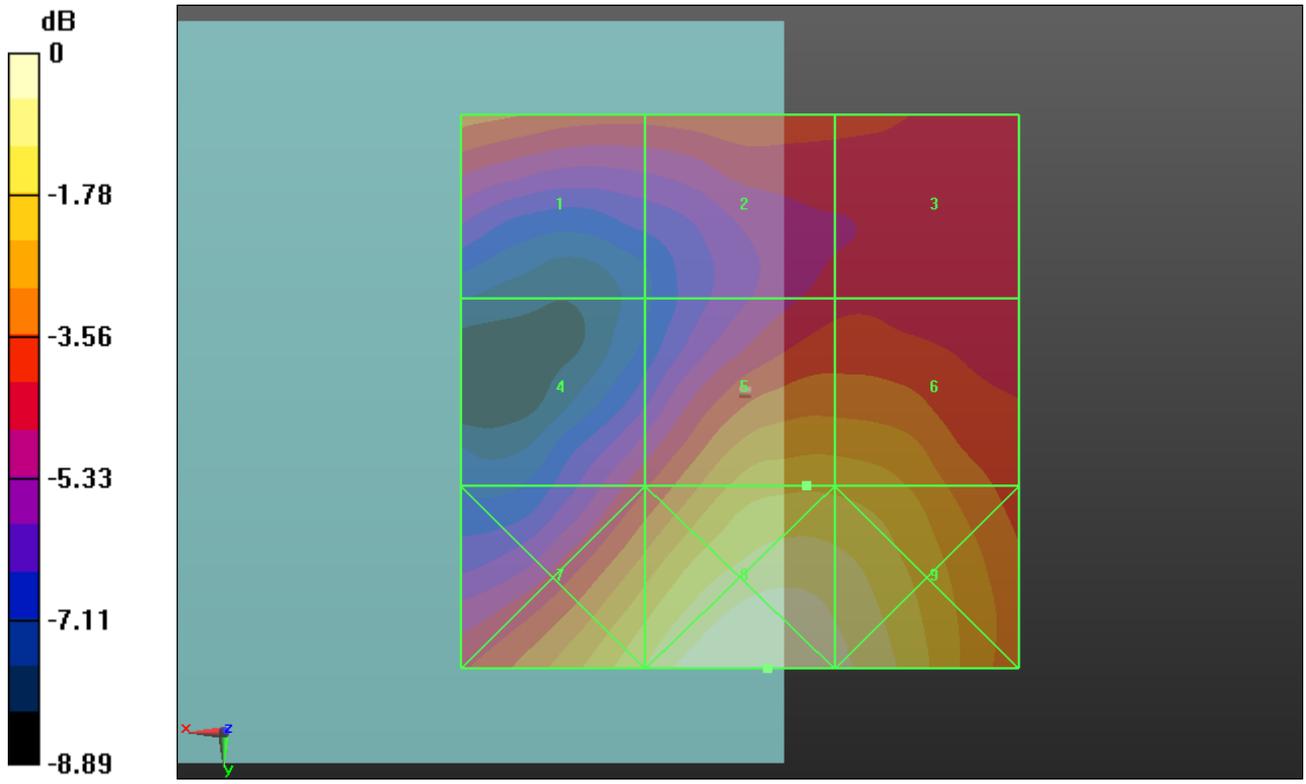
Grid 1 M4 17.97 dBV/m	Grid 2 M4 17.63 dBV/m	Grid 3 M4 17.33 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 19.39 dBV/m	Grid 6 M4 19.35 dBV/m
Grid 7 M4 20.08 dBV/m	Grid 8 M4 21.24 dBV/m	Grid 9 M4 20.85 dBV/m

Cursor:

Total = 21.24 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 11.54 V/m = 21.24 dBV/m

07 HAC RF_E_CDMA BC10_RC1 SO3_1-8 Rate_Ch476

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 817.9 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch476/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 = 35.78 V/m; Power Drift = -0.00 dB

Applied MIF = 0.74 dB

RF audio interference level = 30.06 dBV/m

Emission category: M4

MIF scaled E-field

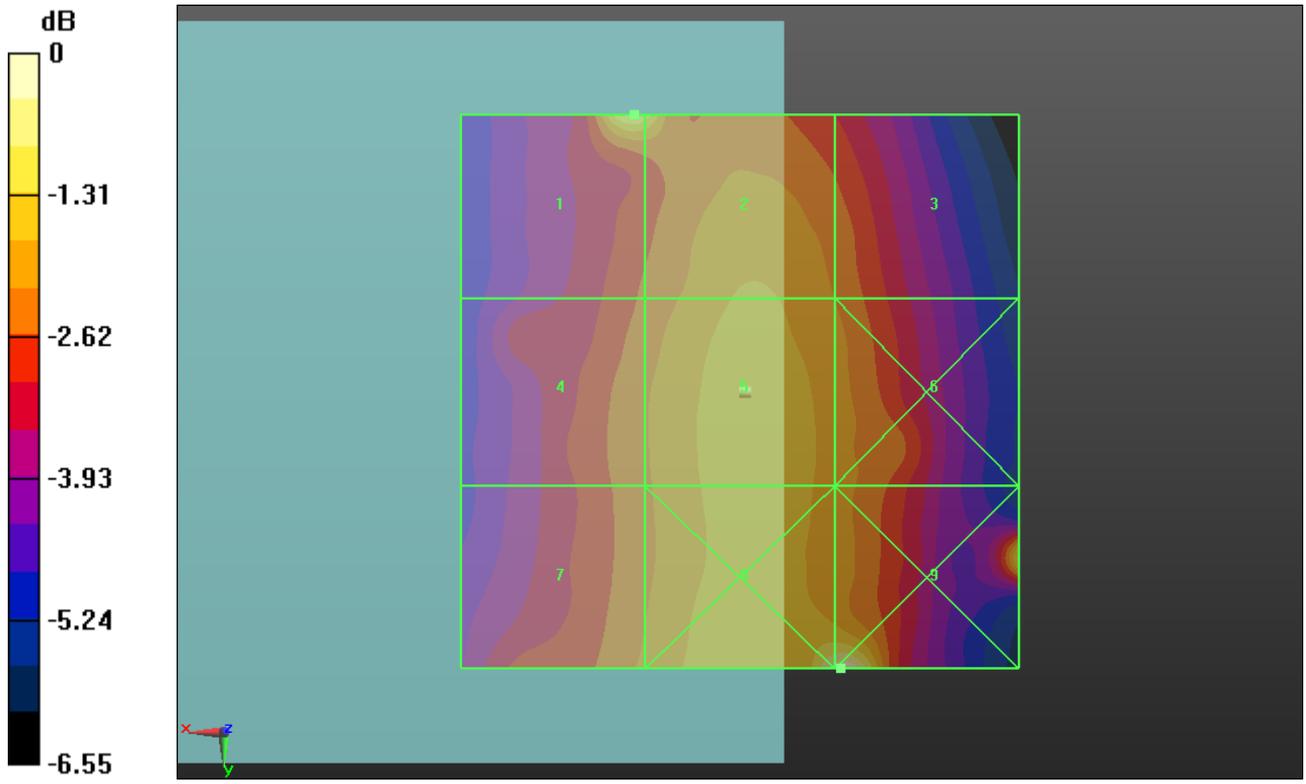
Grid 1 M4 30.06 dBV/m	Grid 2 M4 29.81 dBV/m	Grid 3 M4 28.61 dBV/m
Grid 4 M4 28.58 dBV/m	Grid 5 M4 29.34 dBV/m	Grid 6 M4 28.87 dBV/m
Grid 7 M4 28.7 dBV/m	Grid 8 M4 30.69 dBV/m	Grid 9 M4 30.79 dBV/m

Cursor:

Total = 30.79 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 34.63 V/m = 30.79 dBV/m

08 HAC RF_E_CDMA BC10_RC1 SO3_1-8 Rate_Ch580

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 820.5 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch580/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 = 36.03 V/m; Power Drift = -0.04 dB

Applied MIF = 0.74 dB

RF audio interference level = 29.38 dBV/m

Emission category: M4

MIF scaled E-field

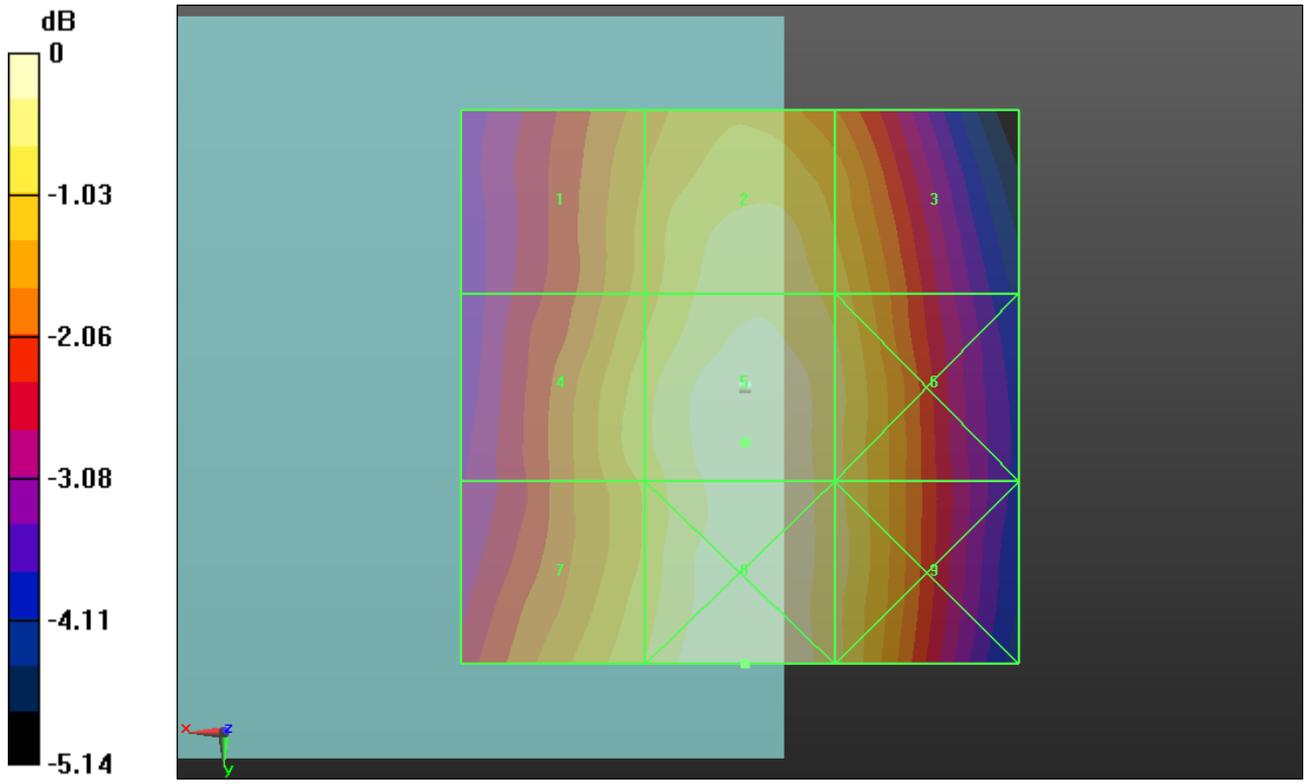
Grid 1 M4 28.23 dBV/m	Grid 2 M4 29.05 dBV/m	Grid 3 M4 28.6 dBV/m
Grid 4 M4 28.67 dBV/m	Grid 5 M4 29.38 dBV/m	Grid 6 M4 28.88 dBV/m
Grid 7 M4 28.75 dBV/m	Grid 8 M4 29.42 dBV/m	Grid 9 M4 28.92 dBV/m

Cursor:

Total = 29.42 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 29.57 V/m = 29.42 dBV/m

09 HAC RF_E_CDMA BC10_RC1 SO3_1-8 Rate_Ch684

DUT: 320404

Communication System: CDMA2000 (1xRTT, RC1, 1/8 Rate); Frequency: 823.1 MHz; Duty Cycle: 1:19.8153

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

E_Ch684/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 = 35.55 V/m; Power Drift = -0.01 dB

Applied MIF = 0.74 dB

RF audio interference level = 29.27 dBV/m

Emission category: M4

MIF scaled E-field

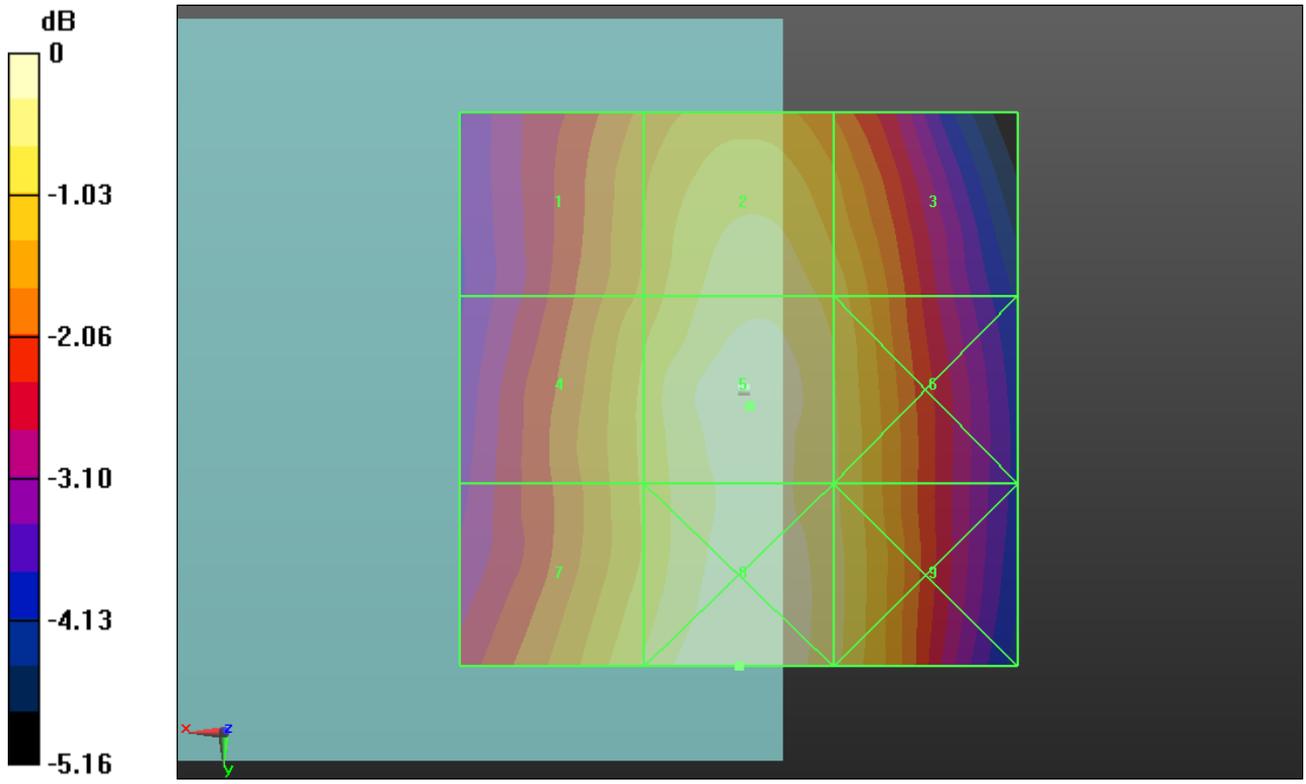
Grid 1 M4 28.16 dBV/m	Grid 2 M4 29 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 28.49 dBV/m	Grid 5 M4 29.27 dBV/m	Grid 6 M4 28.79 dBV/m
Grid 7 M4 28.78 dBV/m	Grid 8 M4 29.42 dBV/m	Grid 9 M4 28.87 dBV/m

Cursor:

Total = 29.42 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 29.57 V/m = 29.42 dBV/m