



REPORT No. : SZ20010192S01

Annex D Plots of Maximum SAR Test Results

HAC RF_GSM850_GSM Voice_Ch128_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 39.03 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.54 dBV/m

Emission category: M4

MIF scaled E-field

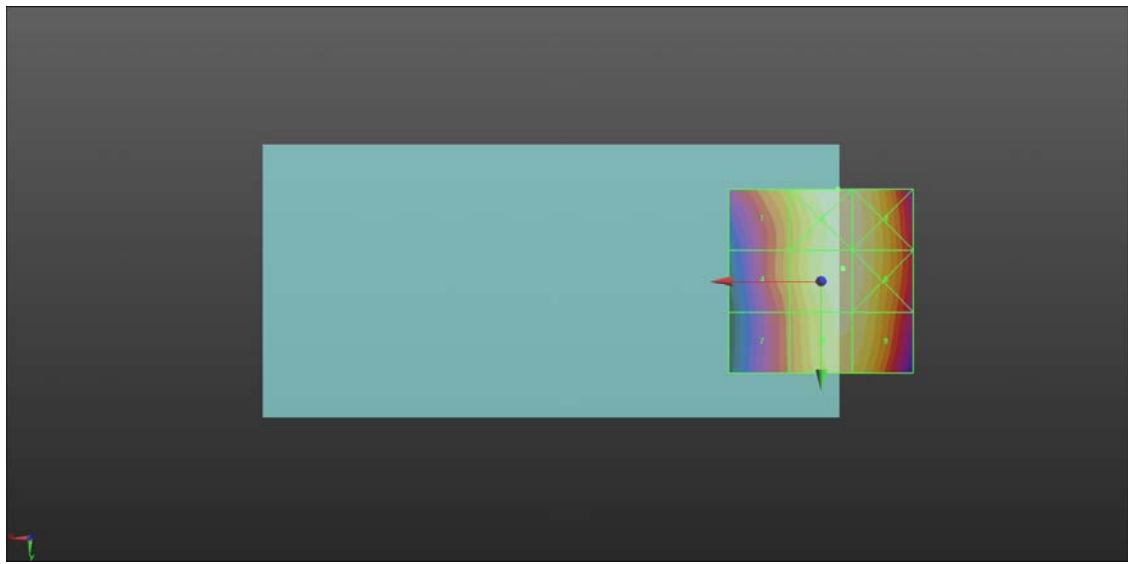
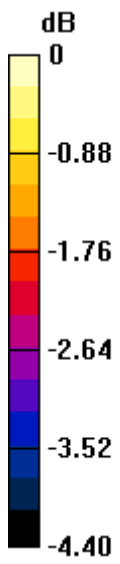
Grid 1 M4 32.69 dBV/m	Grid 2 M4 33.56 dBV/m	Grid 3 M4 33.44 dBV/m
Grid 4 M4 32.35 dBV/m	Grid 5 M4 33.54 dBV/m	Grid 6 M4 33.48 dBV/m
Grid 7 M4 31.99 dBV/m	Grid 8 M4 33.33 dBV/m	Grid 9 M4 33.28 dBV/m

Cursor:

Total = 33.56 dBV/m

E Category: M4

Location: -4.5, -25, 8.7 mm



0 dB = 47.63 V/m = 33.56 dBV/m

HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 36.86 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.15 dBV/m

Emission category: M4

MIF scaled E-field

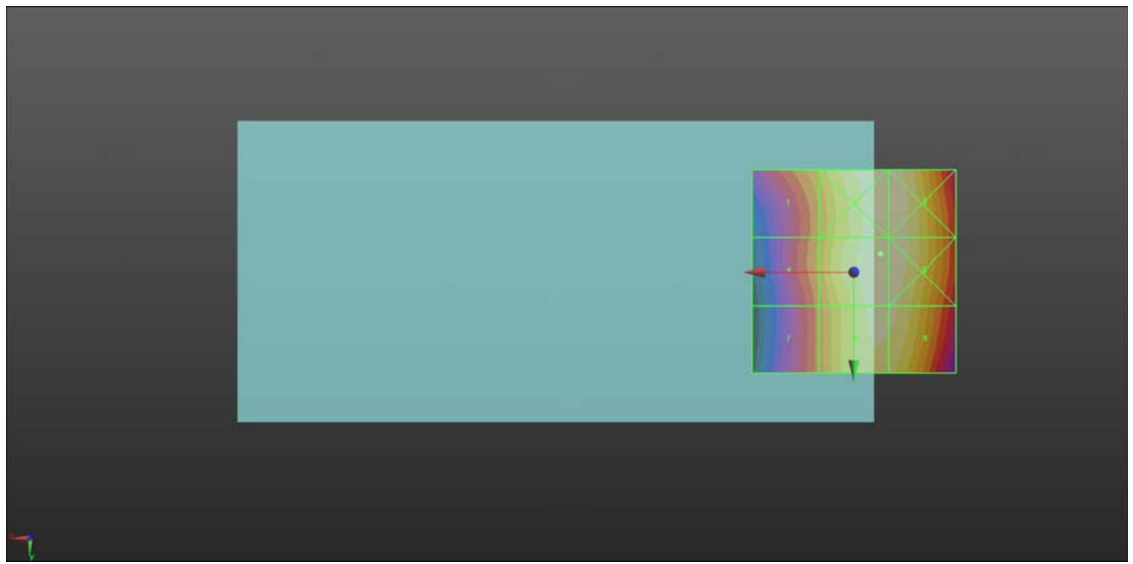
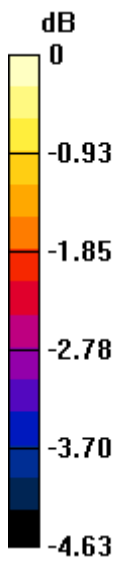
Grid 1 M4 31.98 dBV/m	Grid 2 M4 33.13 dBV/m	Grid 3 M4 33.09 dBV/m
Grid 4 M4 31.76 dBV/m	Grid 5 M4 33.15 dBV/m	Grid 6 M4 33.12 dBV/m
Grid 7 M4 31.48 dBV/m	Grid 8 M4 32.97 dBV/m	Grid 9 M4 32.94 dBV/m

Cursor:

Total = 33.15 dBV/m

E Category: M4

Location: -6.5, -4.5, 8.7 mm



0 dB = 45.42 V/m = 33.14 dBV/m

HAC RF_GSM850_GSM Voice_Ch251_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 34.53 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.53 dBV/m

Emission category: M4

MIF scaled E-field

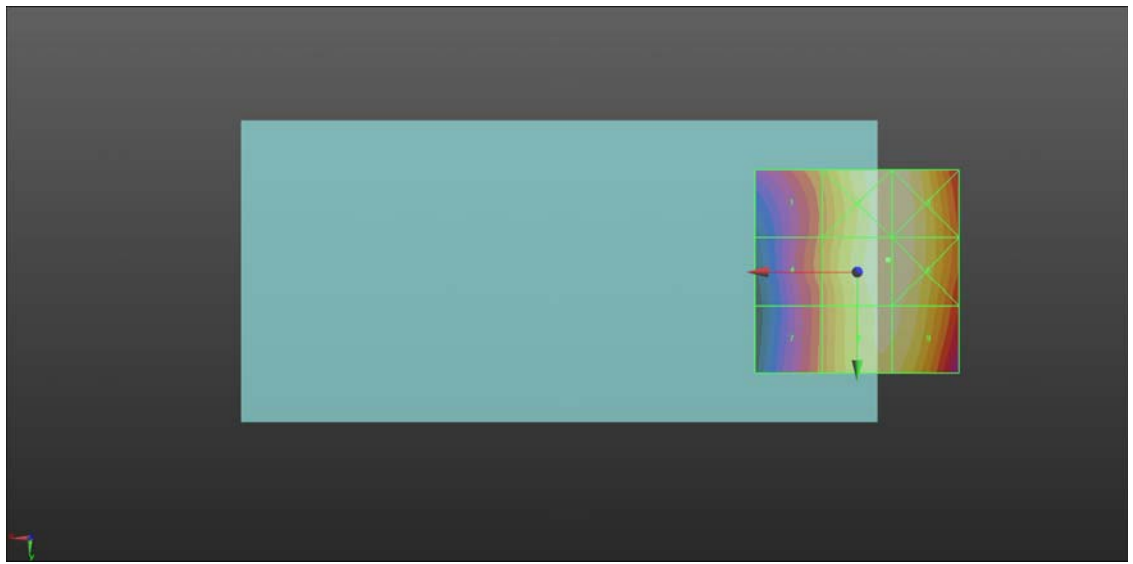
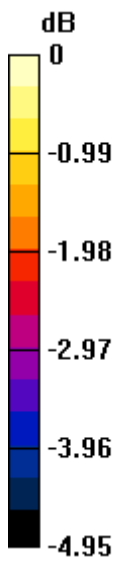
Grid 1 M4 31.07 dBV/m	Grid 2 M4 32.5 dBV/m	Grid 3 M4 32.49 dBV/m
Grid 4 M4 30.91 dBV/m	Grid 5 M4 32.53 dBV/m	Grid 6 M4 32.53 dBV/m
Grid 7 M4 30.76 dBV/m	Grid 8 M4 32.33 dBV/m	Grid 9 M4 32.32 dBV/m

Cursor:

Total = 32.53 dBV/m

E Category: M4

Location: -7.5, -3, 8.7 mm



0 dB = 42.33 V/m = 32.53 dBV/m

HAC RF_GSM1900_GSM Voice_Ch512_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 15.86 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.10 dBV/m

Emission category: M4

MIF scaled E-field

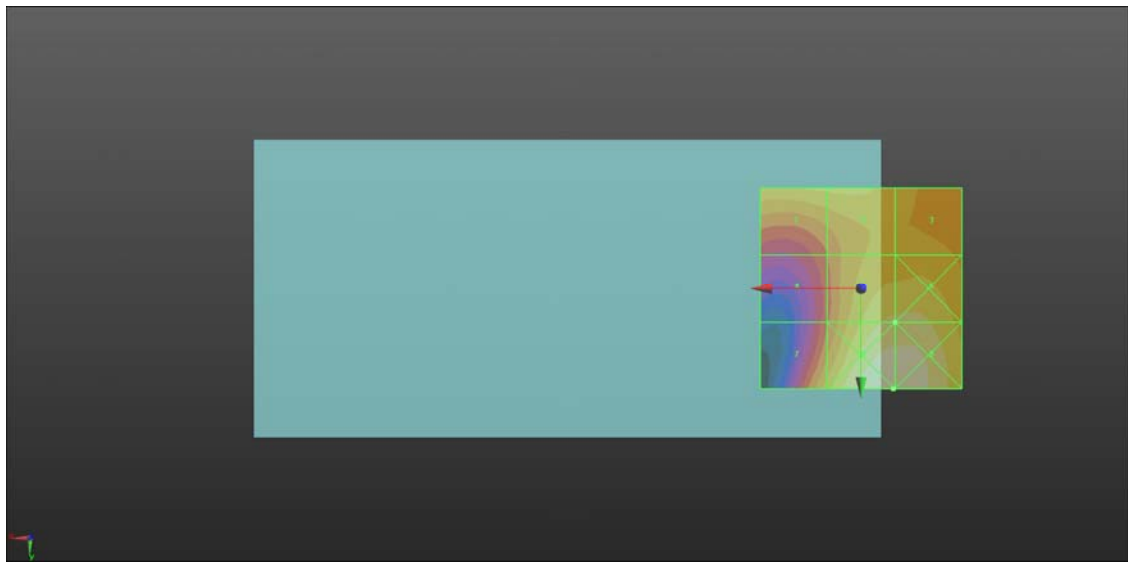
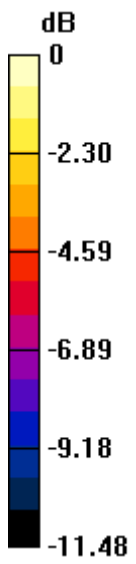
Grid 1 M4 26.31 dBV/m	Grid 2 M4 26.37 dBV/m	Grid 3 M4 25.83 dBV/m
Grid 4 M4 23.83 dBV/m	Grid 5 M4 27.1 dBV/m	Grid 6 M4 27.17 dBV/m
Grid 7 M4 25.82 dBV/m	Grid 8 M4 28.42 dBV/m	Grid 9 M4 28.42 dBV/m

Cursor:

Total = 28.42 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 26.37 V/m = 28.42 dBV/m

HAC RF_GSM1900_GSM Voice_Ch661_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 15.26 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.79 dBV/m

Emission category: M4

MIF scaled E-field

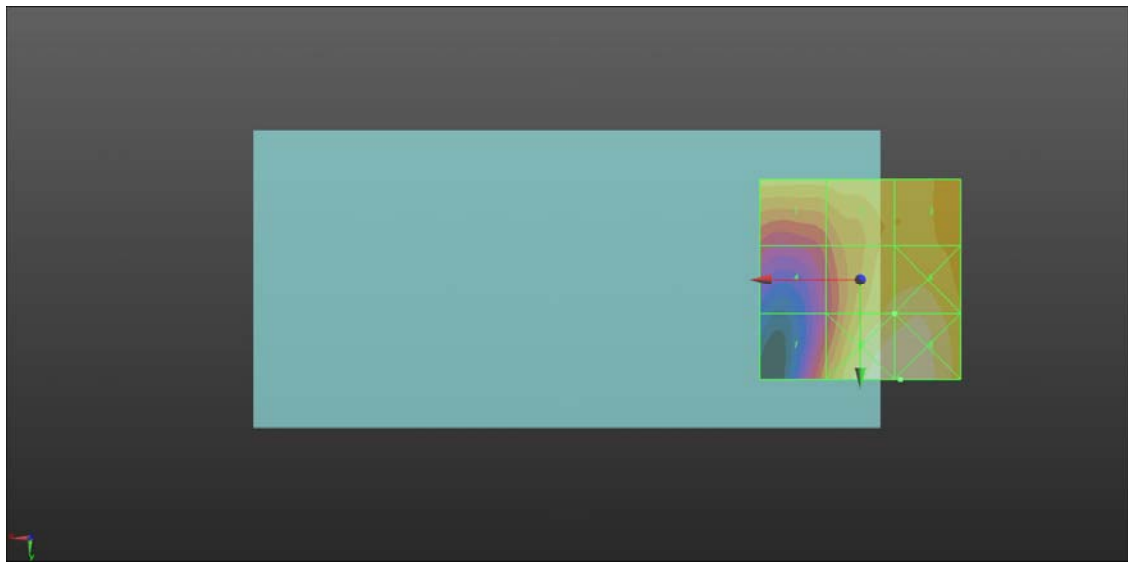
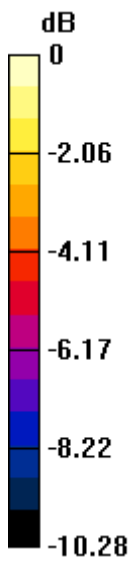
Grid 1 M4 26.2 dBV/m	Grid 2 M4 26.59 dBV/m	Grid 3 M4 26.41 dBV/m
Grid 4 M4 23.45 dBV/m	Grid 5 M4 26.79 dBV/m	Grid 6 M4 27.14 dBV/m
Grid 7 M4 24.54 dBV/m	Grid 8 M4 27.85 dBV/m	Grid 9 M4 27.88 dBV/m

Cursor:

Total = 27.88 dBV/m

E Category: M4

Location: -10, 25, 8.7 mm



0 dB = 24.76 V/m = 27.88 dBV/m

HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.73 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.80 dBV/m

Emission category: M4

MIF scaled E-field

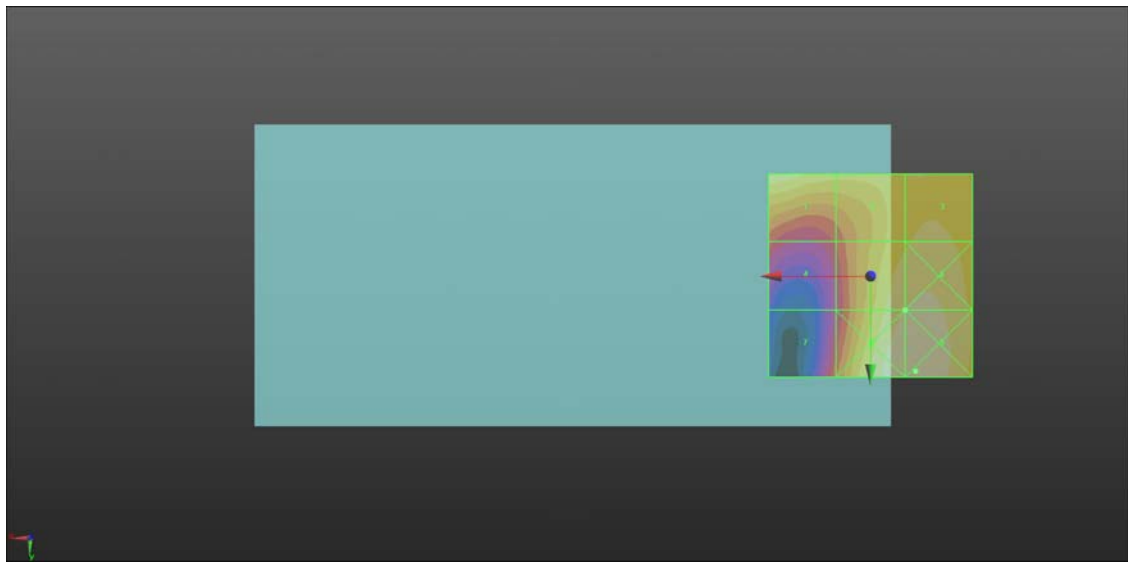
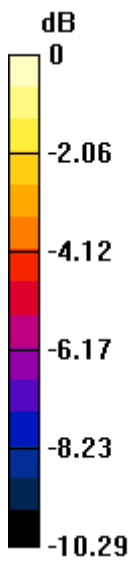
Grid 1 M4 26.74 dBV/m	Grid 2 M4 26.12 dBV/m	Grid 3 M4 26.27 dBV/m
Grid 4 M4 22.99 dBV/m	Grid 5 M4 26.8 dBV/m	Grid 6 M4 26.99 dBV/m
Grid 7 M4 23.37 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 27.48 dBV/m

Cursor:

Total = 27.48 dBV/m

E Category: M4

Location: -11, 23.5, 8.7 mm



0 dB = 23.66 V/m = 27.48 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch1013_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 815.04 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.56 V/m; Power Drift = -0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.19 dBV/m

Emission category: M4

MIF scaled E-field

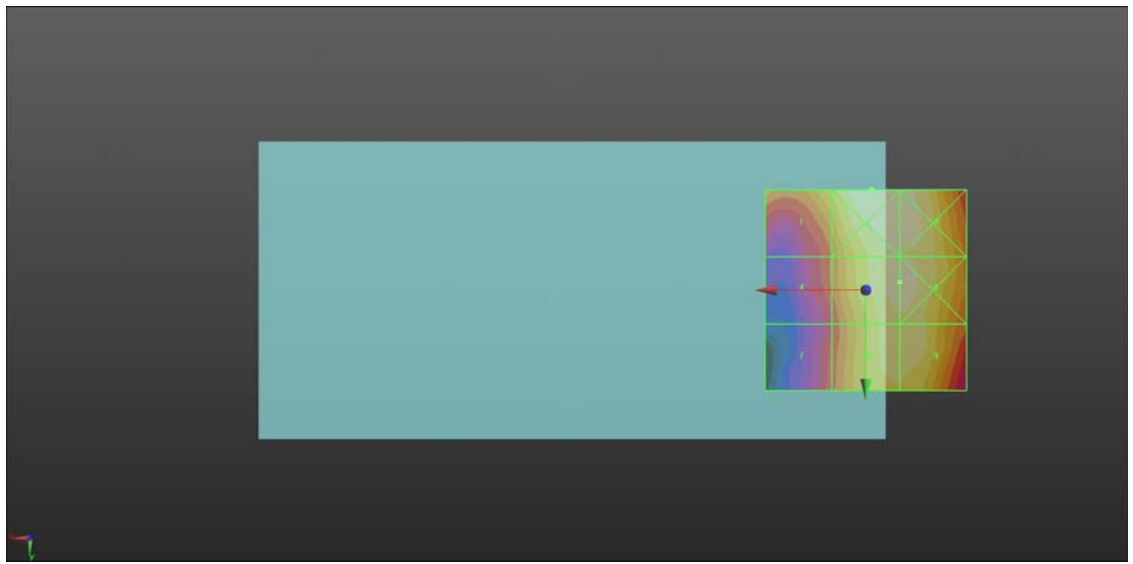
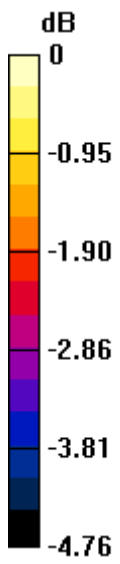
Grid 1 M4 23.59 dBV/m	Grid 2 M4 24.42 dBV/m	Grid 3 M4 24.3 dBV/m
Grid 4 M4 22.59 dBV/m	Grid 5 M4 24.19 dBV/m	Grid 6 M4 24.19 dBV/m
Grid 7 M4 22.42 dBV/m	Grid 8 M4 24.02 dBV/m	Grid 9 M4 24.02 dBV/m

Cursor:

Total = 24.42 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 16.63 V/m = 24.42 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch384_E1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn876; Calibrated: 2020.03.03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.37 V/m; Power Drift = 0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.83 dBV/m

Emission category: M4

MIF scaled E-field

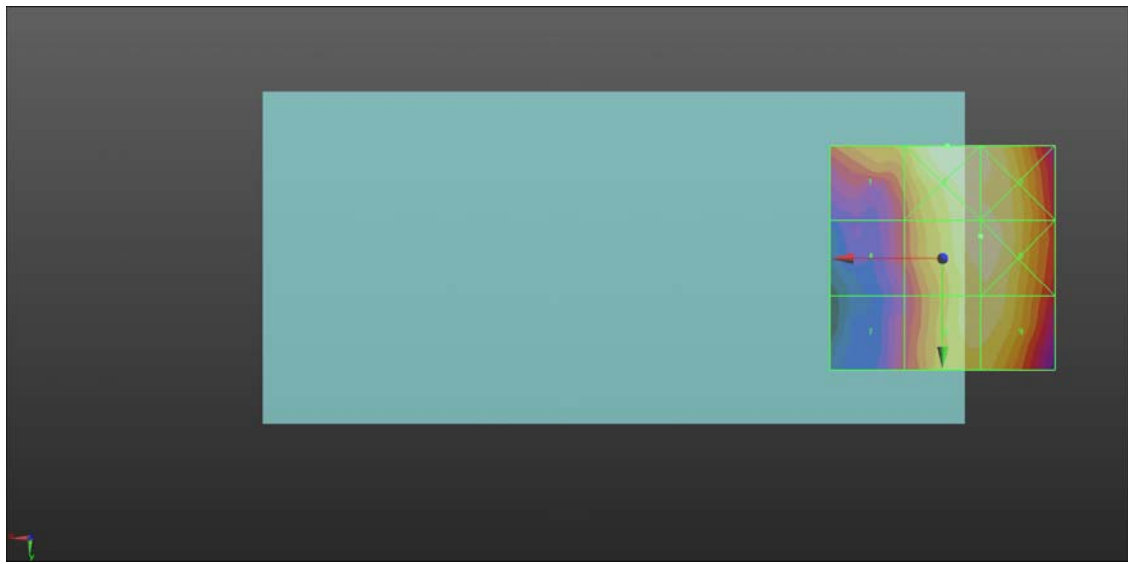
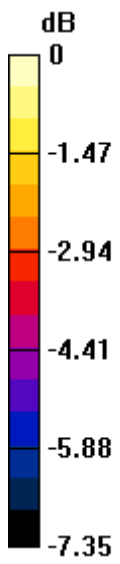
Grid 1 M4 23.24 dBV/m	Grid 2 M4 27.83 dBV/m	Grid 3 M4 25.59 dBV/m
Grid 4 M4 22.89 dBV/m	Grid 5 M4 26.9 dBV/m	Grid 6 M4 25.55 dBV/m
Grid 7 M4 22.69 dBV/m	Grid 8 M4 28.19 dBV/m	Grid 9 M4 24.17 dBV/m

Cursor:

Total = 28.19 dBV/m

E Category: M4

Location: -0.5, 15.5, 8.7 mm



0 dB = 25.67 V/m = 28.19 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch777_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.97 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.53 V/m; Power Drift = -0.17 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.30 dBV/m

Emission category: M4

MIF scaled E-field

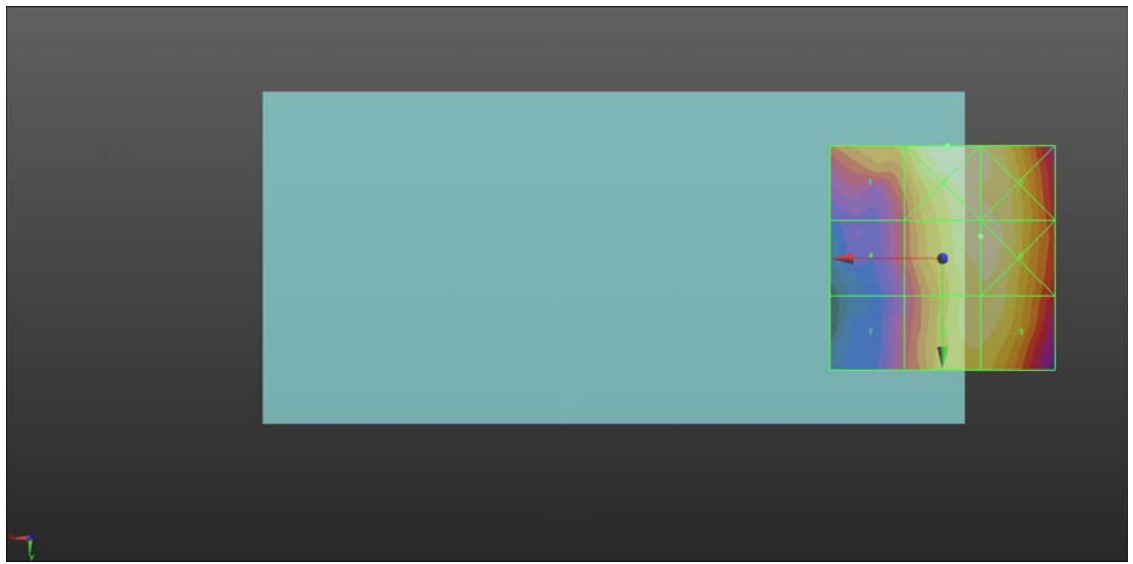
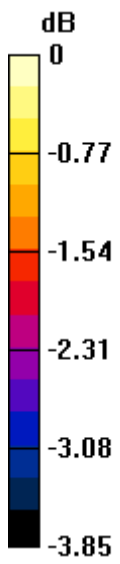
Grid 1 M4 23.57 dBV/m	Grid 2 M4 24.41 dBV/m	Grid 3 M4 24.25 dBV/m
Grid 4 M4 22.68 dBV/m	Grid 5 M4 24.3 dBV/m	Grid 6 M4 24.3 dBV/m
Grid 7 M4 22.57 dBV/m	Grid 8 M4 24.12 dBV/m	Grid 9 M4 24.13 dBV/m

Cursor:

Total = 24.41 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 16.62 V/m = 24.41 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch25_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 6.834 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 21.36 dBV/m

Emission category: M4

MIF scaled E-field

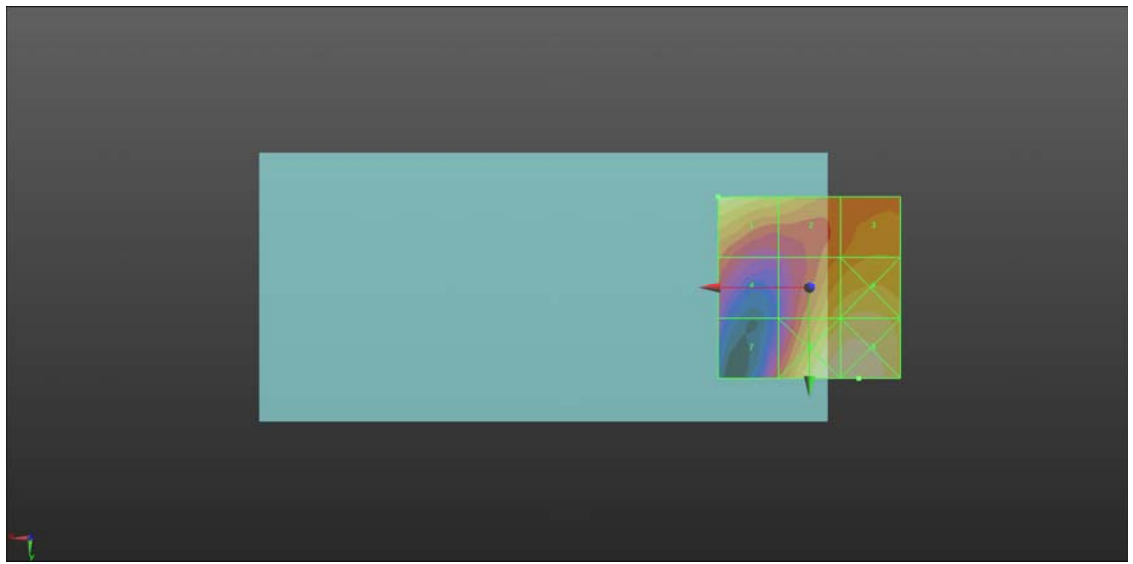
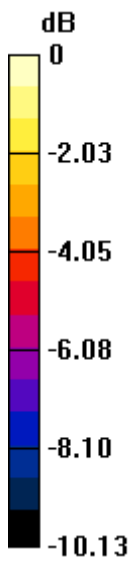
Grid 1 M4 21.36 dBV/m	Grid 2 M4 20.07 dBV/m	Grid 3 M4 19.66 dBV/m
Grid 4 M4 18.42 dBV/m	Grid 5 M4 20.78 dBV/m	Grid 6 M4 21.2 dBV/m
Grid 7 M4 17.95 dBV/m	Grid 8 M4 22.13 dBV/m	Grid 9 M4 22.29 dBV/m

Cursor:

Total = 22.29 dBV/m

E Category: M4

Location: -13.5, 25, 8.7 mm



0 dB = 13.02 V/m = 22.29 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch600_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 6.477 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.12 dBV/m

Emission category: M4

MIF scaled E-field

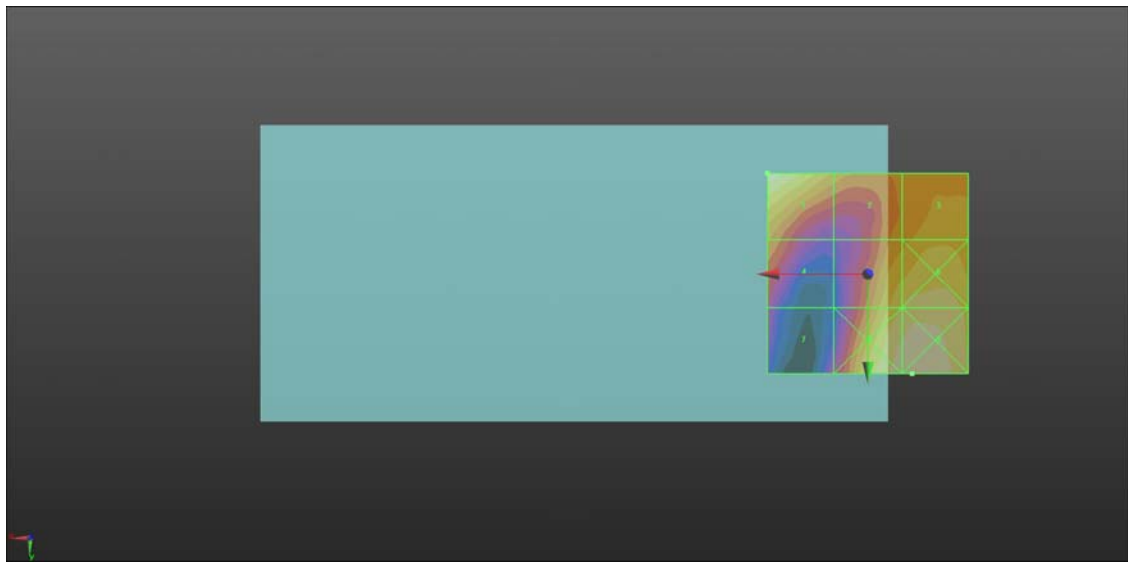
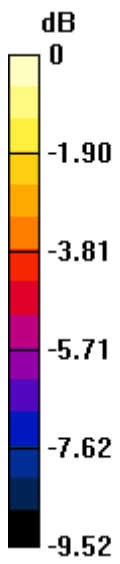
Grid 1 M4 22.12 dBV/m	Grid 2 M4 19.69 dBV/m	Grid 3 M4 20.31 dBV/m
Grid 4 M4 19.24 dBV/m	Grid 5 M4 21.08 dBV/m	Grid 6 M4 21.41 dBV/m
Grid 7 M4 17.19 dBV/m	Grid 8 M4 22.11 dBV/m	Grid 9 M4 22.29 dBV/m

Cursor:

Total = 22.29 dBV/m

E Category: M4

Location: -11, 25, 8.7 mm



0 dB = 13.02 V/m = 22.29 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch1175_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1909.95 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 6.148 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 21.79 dBV/m

Emission category: M4

MIF scaled E-field

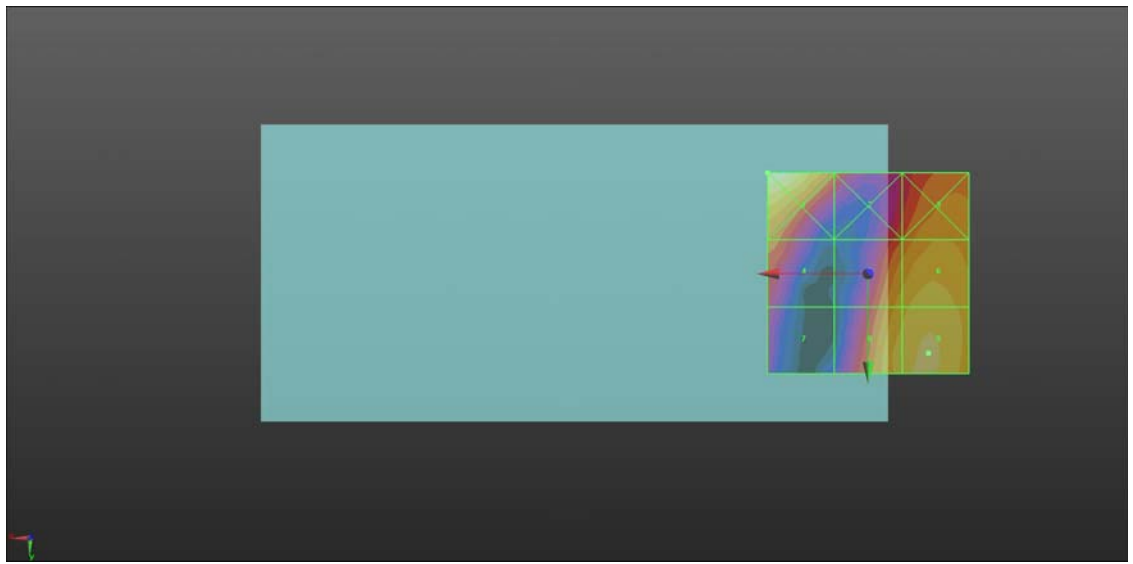
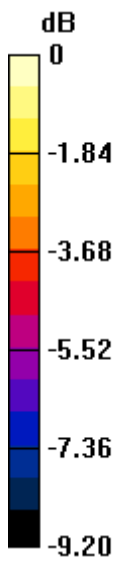
Grid 1 M4 22.86 dBV/m	Grid 2 M4 19.43 dBV/m	Grid 3 M4 20.41 dBV/m
Grid 4 M4 19.71 dBV/m	Grid 5 M4 20.8 dBV/m	Grid 6 M4 21.3 dBV/m
Grid 7 M4 18.04 dBV/m	Grid 8 M4 21.38 dBV/m	Grid 9 M4 21.79 dBV/m

Cursor:

Total = 22.86 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 13.90 V/m = 22.86 dBV/m

HAC RF_GSM850_GSM Voice_Ch128_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 49.09 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.01 dBV/m

Emission category: M4

MIF scaled E-field

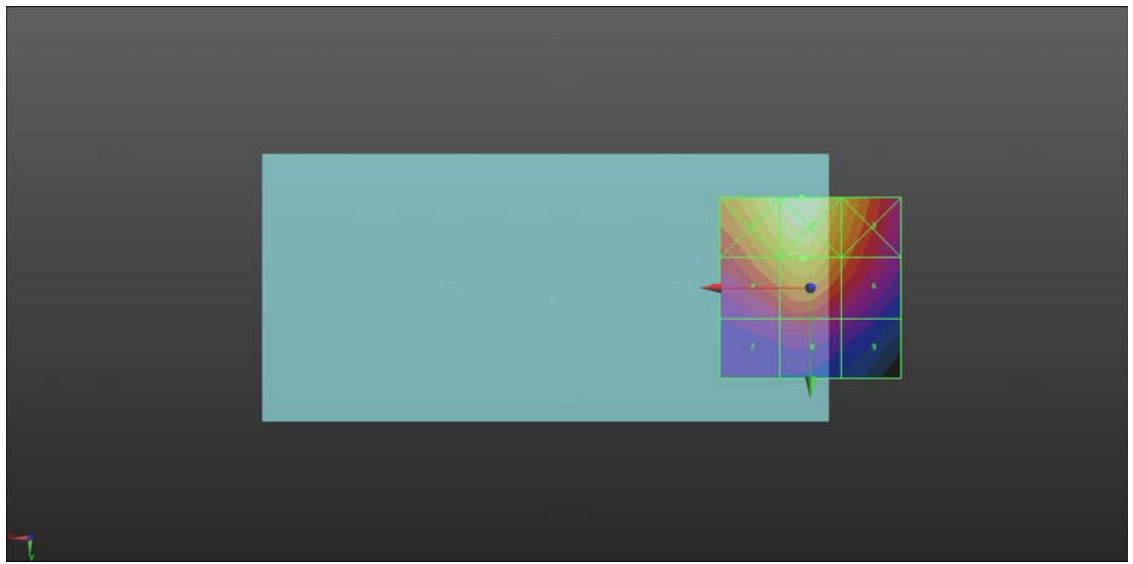
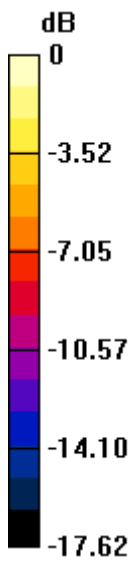
Grid 1 M4 37.1 dBV/m	Grid 2 M4 38.24 dBV/m	Grid 3 M4 34.66 dBV/m
Grid 4 M4 33.71 dBV/m	Grid 5 M4 35.01 dBV/m	Grid 6 M4 32.02 dBV/m
Grid 7 M4 28.42 dBV/m	Grid 8 M4 29.46 dBV/m	Grid 9 M4 27.5 dBV/m

Cursor:

Total = 38.24 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 81.61 V/m = 38.23 dBV/m

HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 47.75 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.80 dBV/m

Emission category: M4

MIF scaled E-field

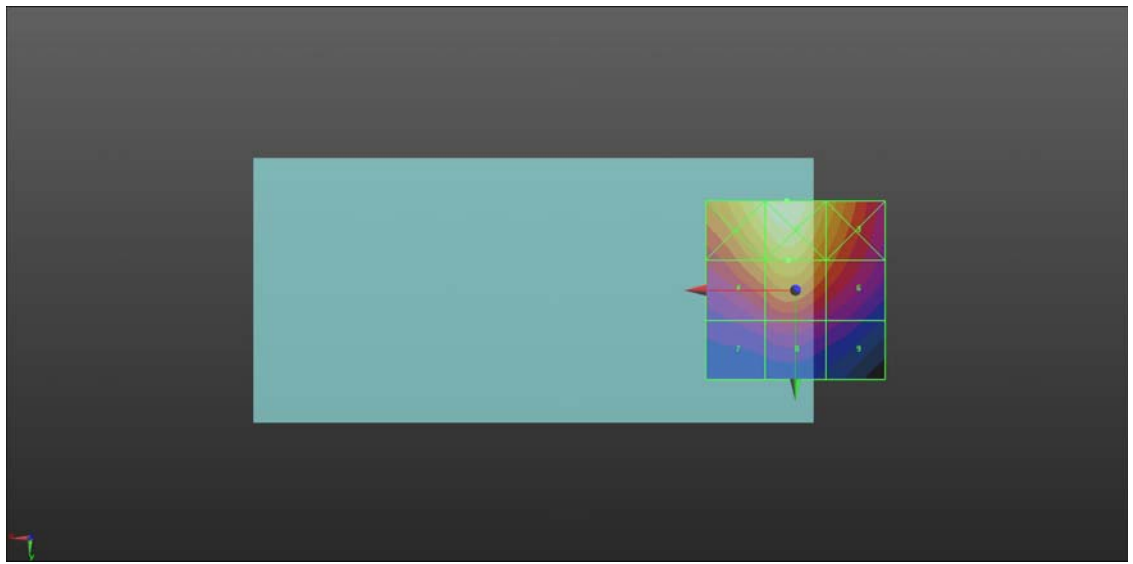
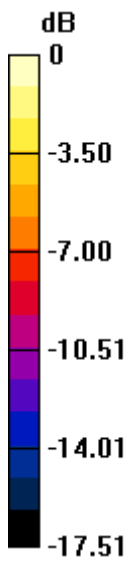
Grid 1 M4 36.94 dBV/m	Grid 2 M4 38.13 dBV/m	Grid 3 M4 34.69 dBV/m
Grid 4 M4 33.41 dBV/m	Grid 5 M4 34.8 dBV/m	Grid 6 M4 31.98 dBV/m
Grid 7 M4 28.03 dBV/m	Grid 8 M4 29.14 dBV/m	Grid 9 M4 27.43 dBV/m

Cursor:

Total = 38.13 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 80.63 V/m = 38.13 dBV/m

HAC RF_GSM850_GSM Voice_Ch251_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 48.93 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.07 dBV/m

Emission category: M4

MIF scaled E-field

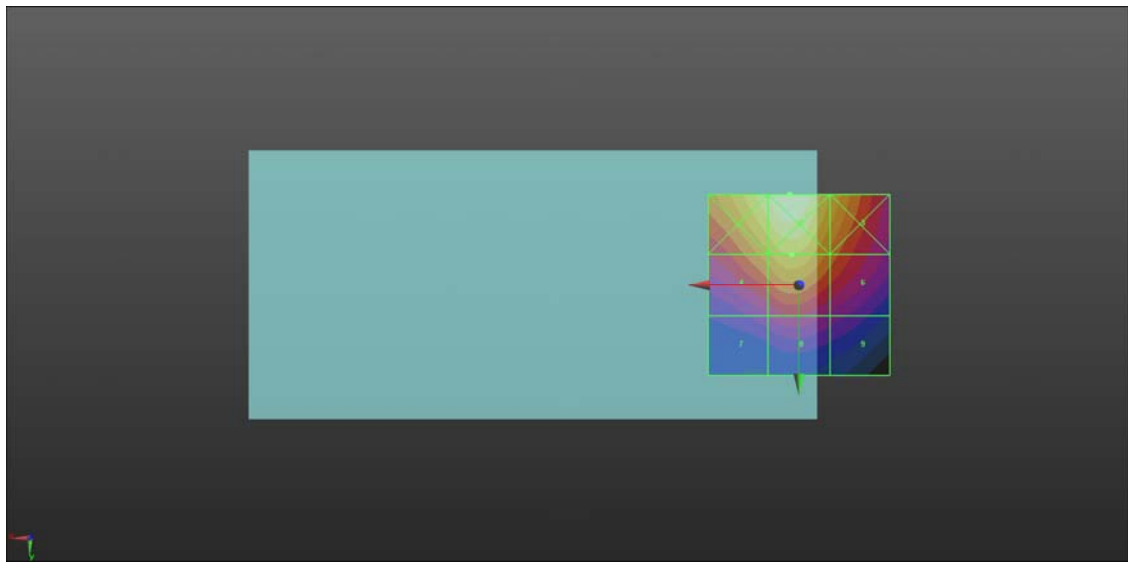
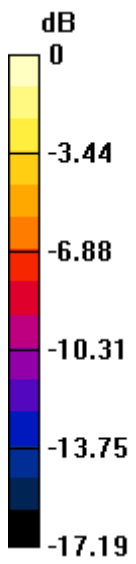
Grid 1 M4 37.31 dBV/m	Grid 2 M4 38.48 dBV/m	Grid 3 M4 35.12 dBV/m
Grid 4 M4 33.63 dBV/m	Grid 5 M4 35.07 dBV/m	Grid 6 M4 32.37 dBV/m
Grid 7 M4 28.15 dBV/m	Grid 8 M4 29.36 dBV/m	Grid 9 M4 27.88 dBV/m

Cursor:

Total = 38.48 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 83.99 V/m = 38.48 dBV/m

HAC RF_GSM1900_GSM Voice_Ch512_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 24.65 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.00 dBV/m

Emission category: M4

MIF scaled E-field

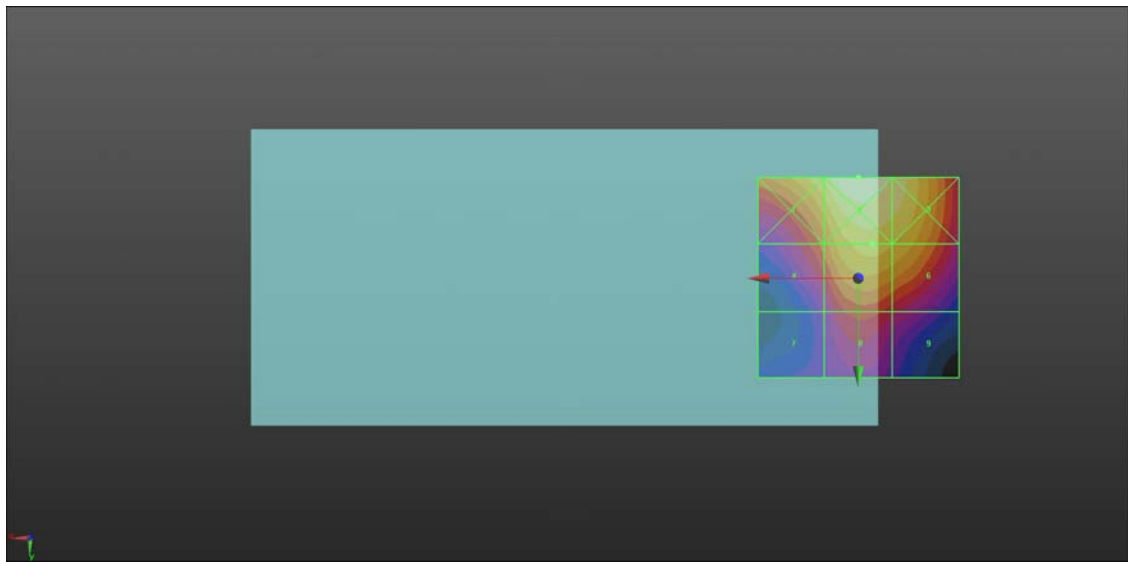
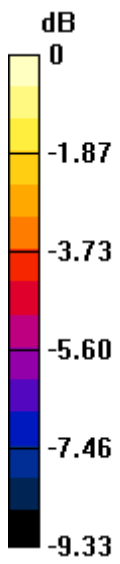
Grid 1 M4 28.52 dBV/m	Grid 2 M4 29.58 dBV/m	Grid 3 M4 28.89 dBV/m
Grid 4 M4 26.2 dBV/m	Grid 5 M4 28 dBV/m	Grid 6 M4 27.75 dBV/m
Grid 7 M4 23.74 dBV/m	Grid 8 M4 25.57 dBV/m	Grid 9 M4 24.83 dBV/m

Cursor:

Total = 29.58 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 30.14 V/m = 29.58 dBV/m

HAC RF_GSM1900_GSM Voice_Ch661_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 23.58 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.99 dBV/m

Emission category: M4

MIF scaled E-field

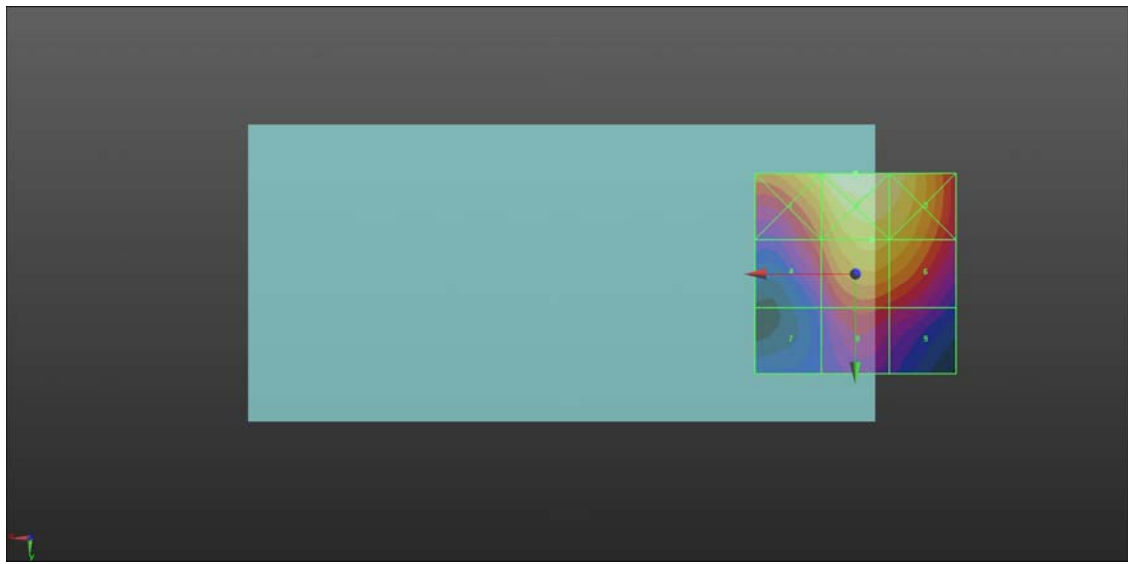
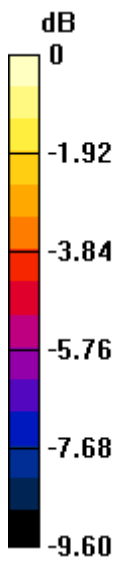
Grid 1 M4 28.55 dBV/m	Grid 2 M4 29.64 dBV/m	Grid 3 M4 28.94 dBV/m
Grid 4 M4 25.93 dBV/m	Grid 5 M4 27.99 dBV/m	Grid 6 M4 27.77 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 25.47 dBV/m	Grid 9 M4 24.93 dBV/m

Cursor:

Total = 29.64 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 30.36 V/m = 29.65 dBV/m

HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 21.03 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.19 dBV/m

Emission category: M4

MIF scaled E-field

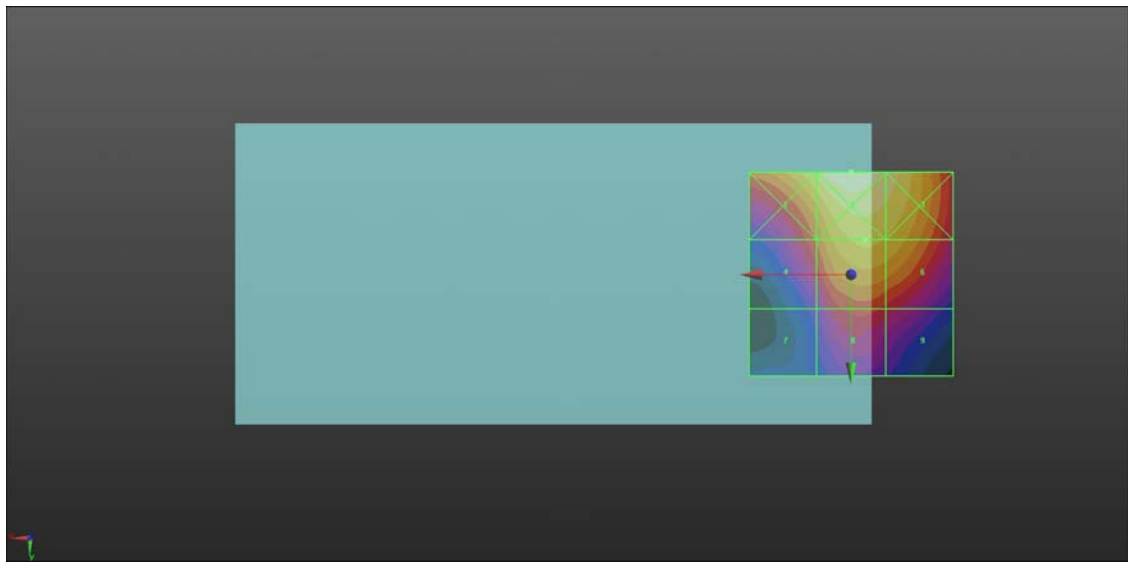
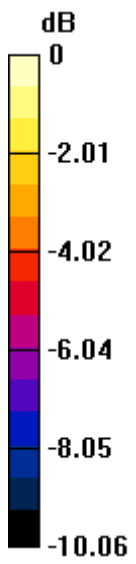
Grid 1 M4 27.94 dBV/m	Grid 2 M4 29.04 dBV/m	Grid 3 M4 28.22 dBV/m
Grid 4 M4 25.12 dBV/m	Grid 5 M4 27.19 dBV/m	Grid 6 M4 26.98 dBV/m
Grid 7 M4 22.36 dBV/m	Grid 8 M4 24.69 dBV/m	Grid 9 M4 24.12 dBV/m

Cursor:

Total = 29.04 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 28.31 V/m = 29.04 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch1013_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 815.04 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 31.20 V/m; Power Drift = -0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.68 dBV/m

Emission category: M4

MIF scaled E-field

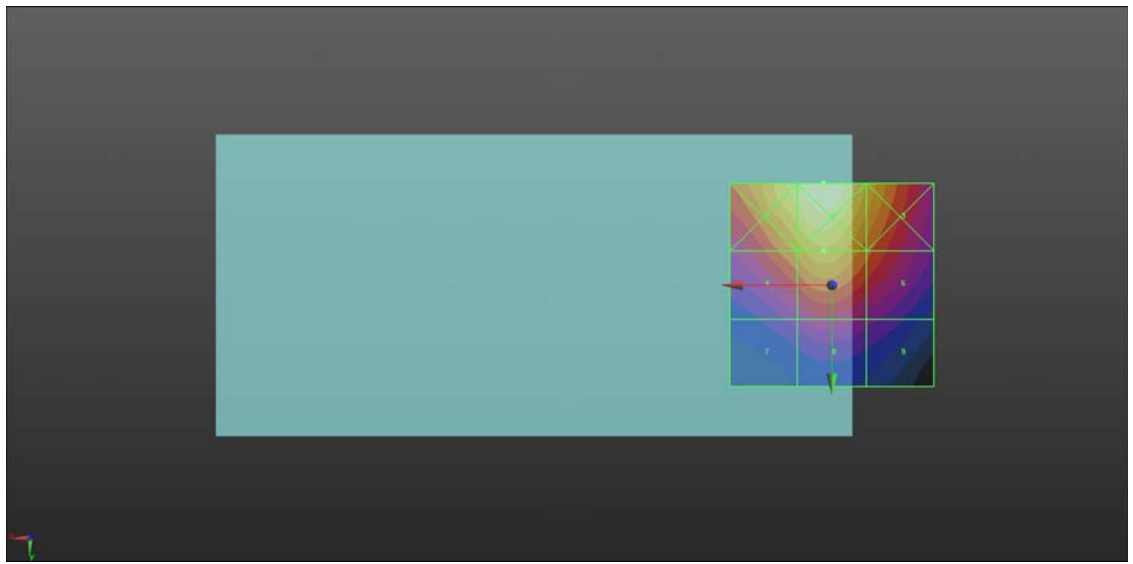
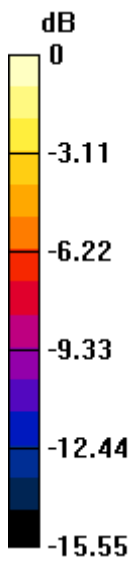
Grid 1 M4 32.73 dBV/m	Grid 2 M4 34 dBV/m	Grid 3 M4 30.84 dBV/m
Grid 4 M4 29.27 dBV/m	Grid 5 M4 30.68 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 24.31 dBV/m	Grid 8 M4 25.51 dBV/m	Grid 9 M4 24.17 dBV/m

Cursor:

Total = 34.00 dBV/m

E Category: M4

Location: 2, -25, 8.7 mm



0 dB = 50.12 V/m = 34.00 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch384_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 31.31 V/m; Power Drift = -0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.70 dBV/m

Emission category: M4

MIF scaled E-field

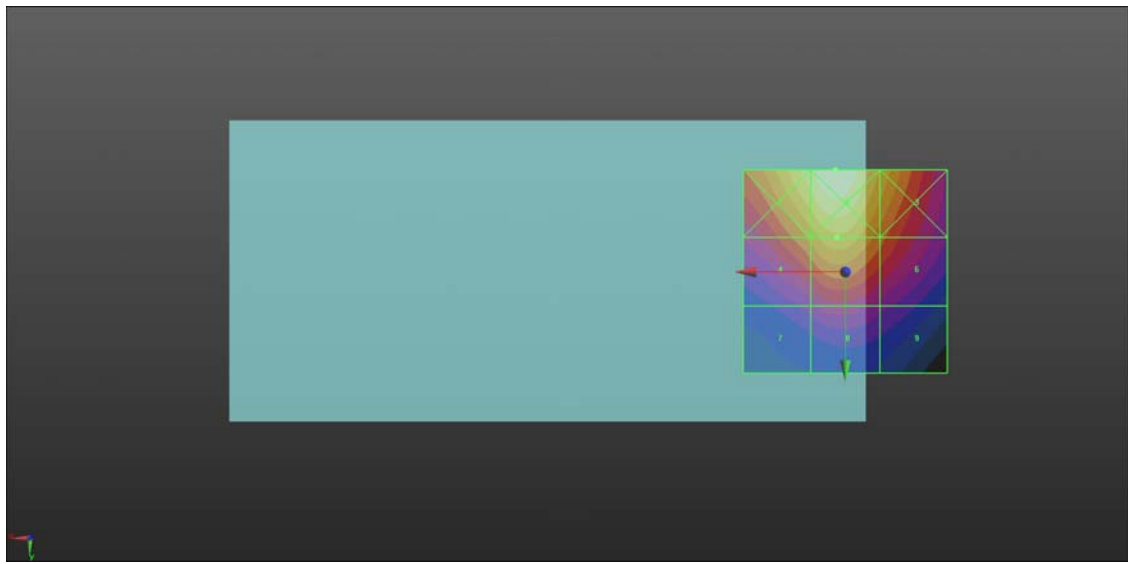
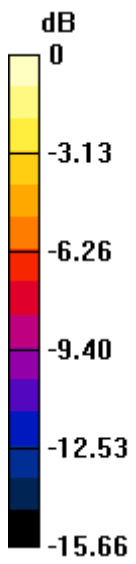
Grid 1 M4 32.74 dBV/m	Grid 2 M4 34.05 dBV/m	Grid 3 M4 30.87 dBV/m
Grid 4 M4 29.23 dBV/m	Grid 5 M4 30.7 dBV/m	Grid 6 M4 28.26 dBV/m
Grid 7 M4 24.28 dBV/m	Grid 8 M4 25.46 dBV/m	Grid 9 M4 24.12 dBV/m

Cursor:

Total = 34.05 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 50.40 V/m = 34.05 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch777_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.97 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 30.83 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.70 dBV/m

Emission category: M4

MIF scaled E-field

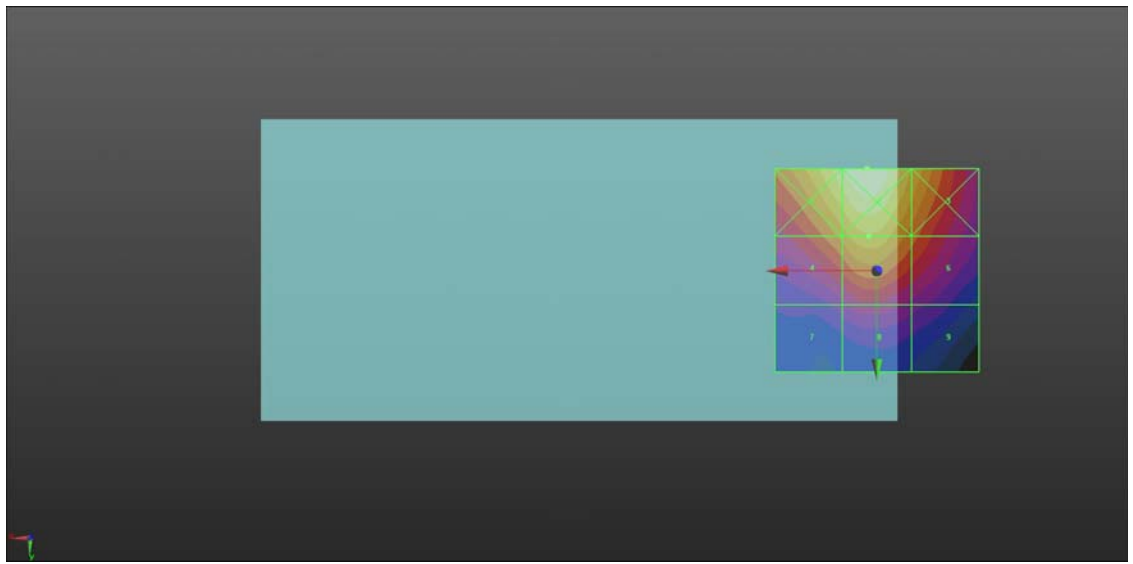
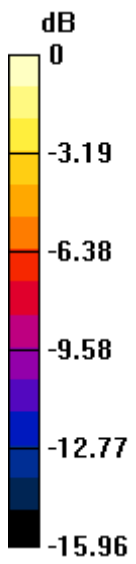
Grid 1 M4 32.8 dBV/m	Grid 2 M4 34.07 dBV/m	Grid 3 M4 30.88 dBV/m
Grid 4 M4 29.22 dBV/m	Grid 5 M4 30.7 dBV/m	Grid 6 M4 28.22 dBV/m
Grid 7 M4 24.19 dBV/m	Grid 8 M4 25.4 dBV/m	Grid 9 M4 24.06 dBV/m

Cursor:

Total = 34.07 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 50.55 V/m = 34.07 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch25_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 16.82 V/m; Power Drift = 0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.42 dBV/m

Emission category: M4

MIF scaled E-field

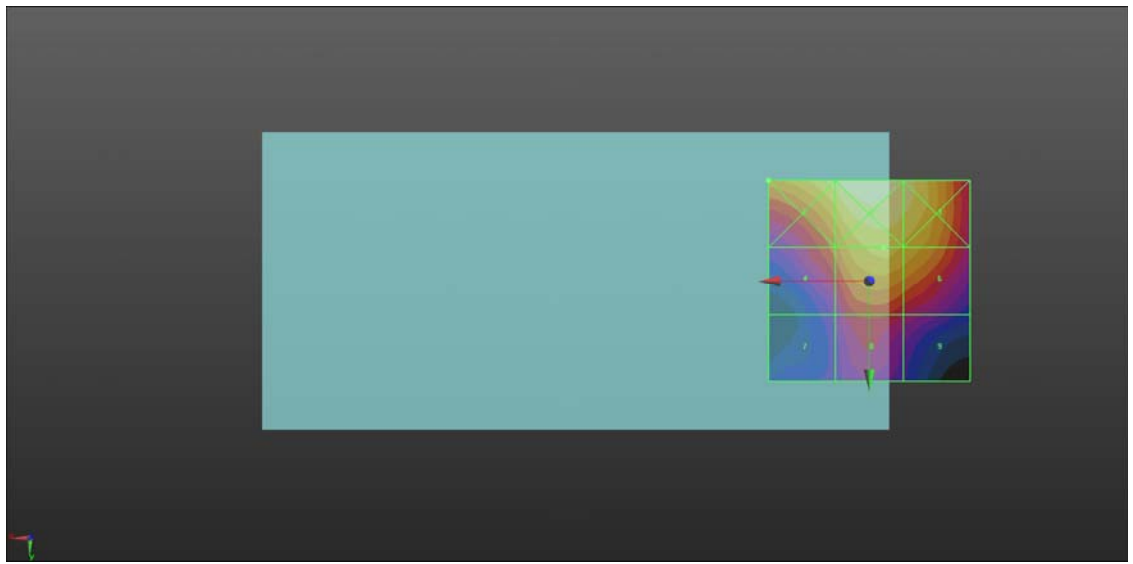
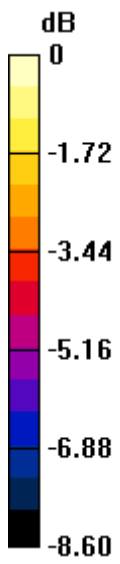
Grid 1 M4 25.17 dBV/m	Grid 2 M4 25.93 dBV/m	Grid 3 M4 25.22 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 24.42 dBV/m	Grid 6 M4 24.11 dBV/m
Grid 7 M4 20.43 dBV/m	Grid 8 M4 22.08 dBV/m	Grid 9 M4 21.34 dBV/m

Cursor:

Total = 23.37 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 19.78 V/m = 25.92 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch600_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 16.04 V/m; Power Drift = -0.12 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.27 dBV/m

Emission category: M4

MIF scaled E-field

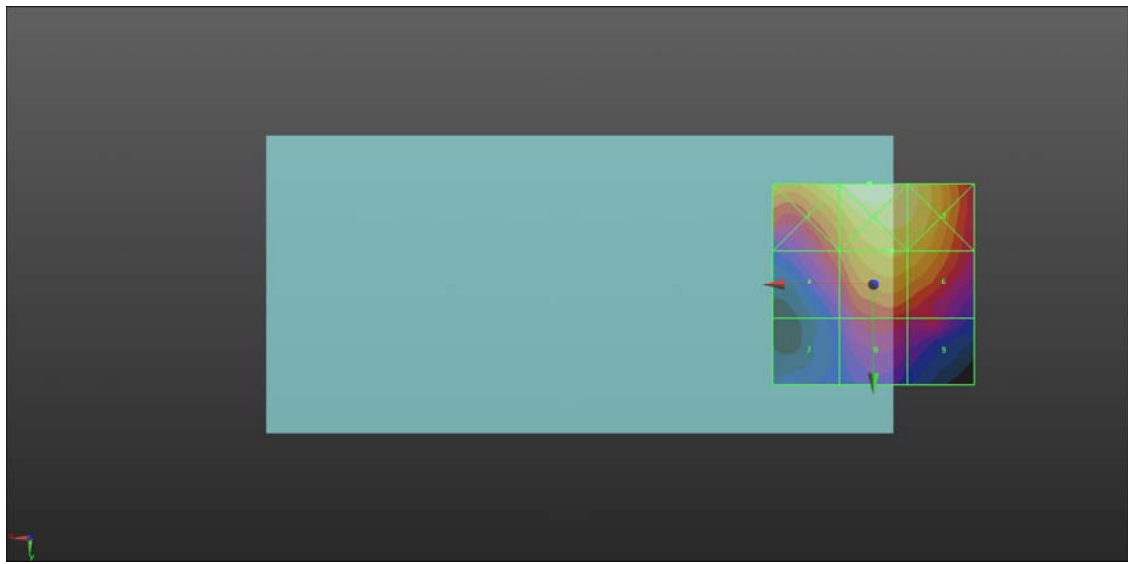
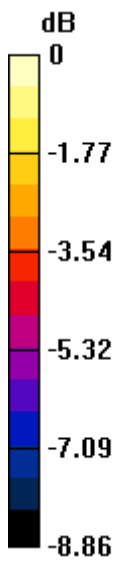
Grid 1 M4 25.15 dBV/m	Grid 2 M4 25.86 dBV/m	Grid 3 M4 25.07 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 24.27 dBV/m	Grid 6 M4 24.08 dBV/m
Grid 7 M4 19.82 dBV/m	Grid 8 M4 21.77 dBV/m	Grid 9 M4 21.34 dBV/m

Cursor:

Total = 25.86 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 19.64 V/m = 25.86 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch1175_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1909.95 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn871; Calibrated: 2019.06.27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.78 V/m; Power Drift = 0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.81 dBV/m

Emission category: M4

MIF scaled E-field

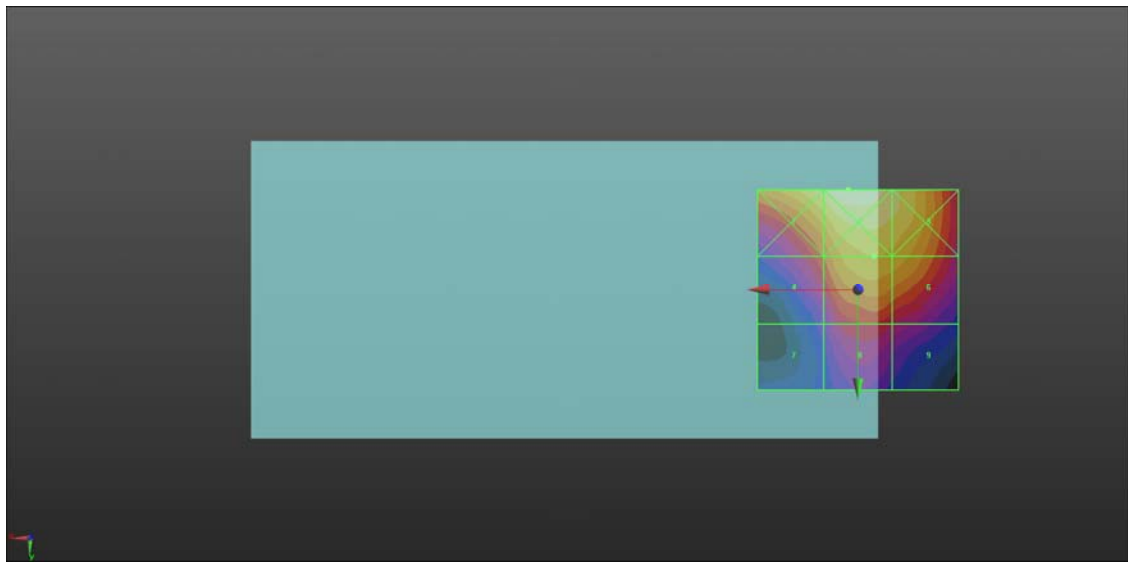
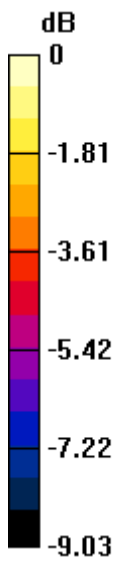
Grid 1 M4 24.85 dBV/m	Grid 2 M4 25.6 dBV/m	Grid 3 M4 24.68 dBV/m
Grid 4 M4 22.08 dBV/m	Grid 5 M4 23.81 dBV/m	Grid 6 M4 23.62 dBV/m
Grid 7 M4 19.59 dBV/m	Grid 8 M4 21.44 dBV/m	Grid 9 M4 20.83 dBV/m

Cursor:

Total = 25.60 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 19.06 V/m = 25.60 dBV/m