

8 HAC RF CDMA2000 BC0_RC1_SO3_Ch384

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 836.52 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 25.64 V/m; Power Drift = -0.05 dB

Applied MIF =3.26 dB

RF audio interference level = 25.12 dBV/m

Emission category: M4

MIF scaled E-field

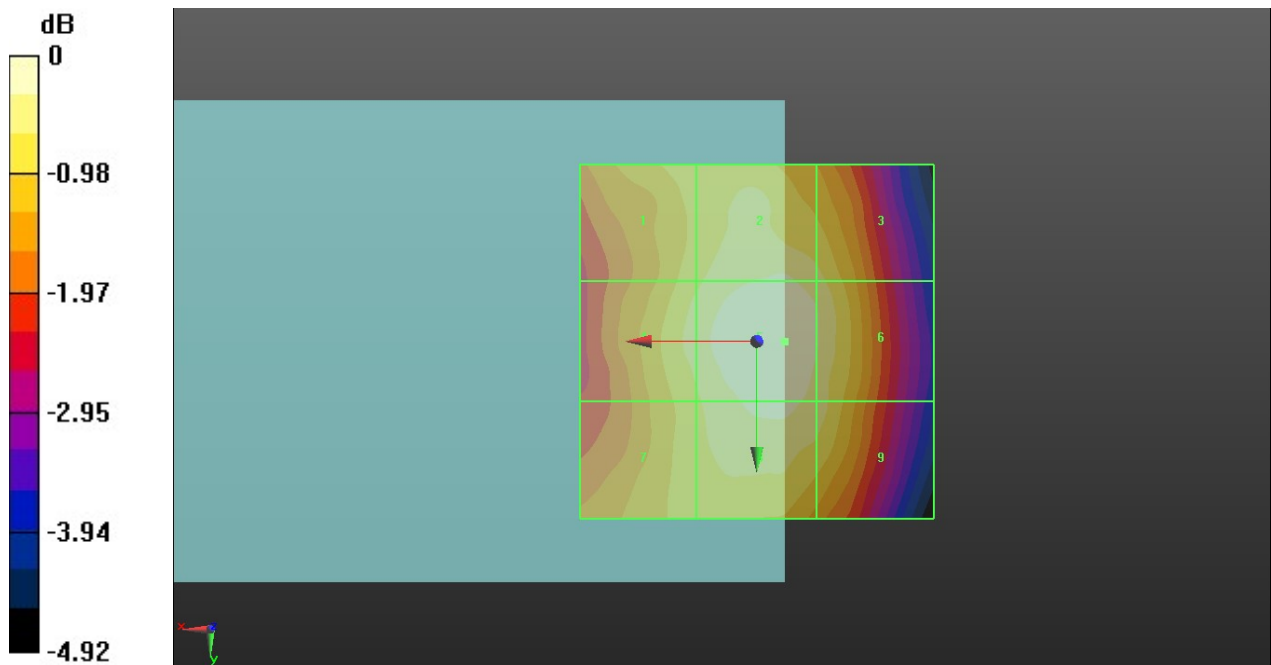
Grid 1 M4 24.39 dBV/m	Grid 2 M4 24.85 dBV/m	Grid 3 M4 24.6 dBV/m
Grid 4 M4 24.64 dBV/m	Grid 5 M4 25.12 dBV/m	Grid 6 M4 24.82 dBV/m
Grid 7 M4 24.41 dBV/m	Grid 8 M4 24.89 dBV/m	Grid 9 M4 24.65 dBV/m

Cursor:

Total = 25.12 dBV/m

E Category: M4

Location: -4, 0, 8.7 mm



0 dB = 18.03 V/m = 25.12 dBV/m

9 HAC RF CDMA2000 BC0_RC1_SO3_Ch777

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 848.31 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 27.85 V/m; Power Drift = -0.06 dB

Applied MIF =3.26 dB

RF audio interference level = 25.75 dBV/m

Emission category: M4

MIF scaled E-field

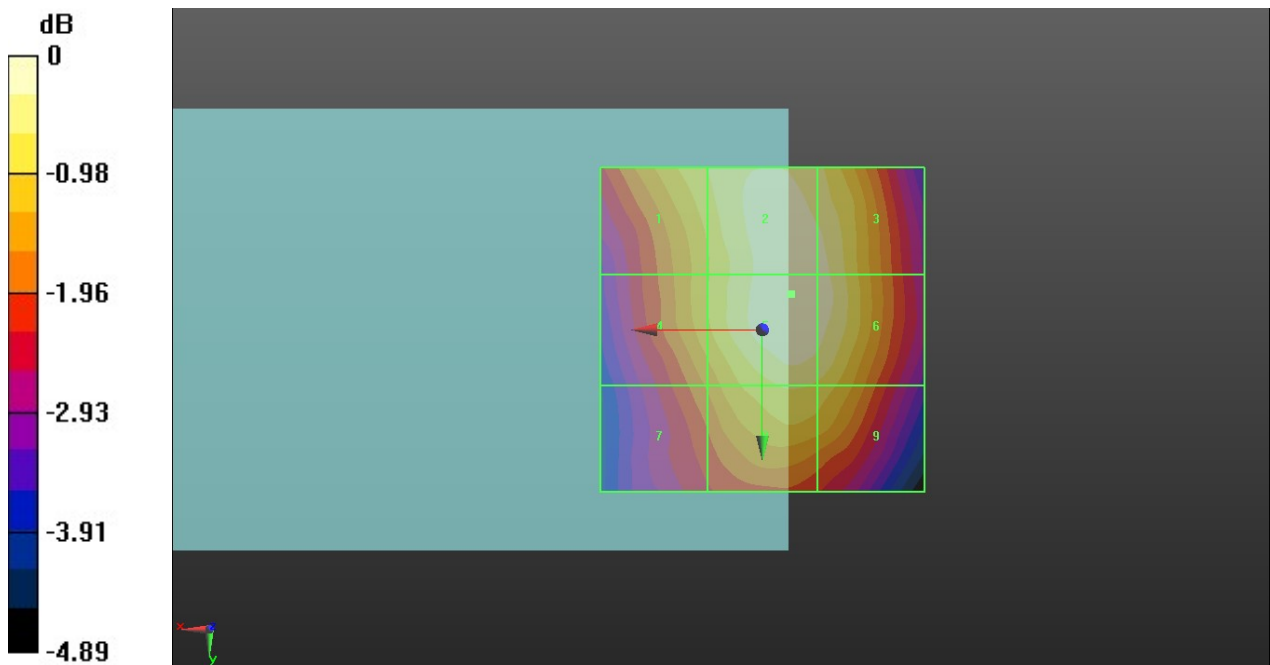
Grid 1 M4 25.11 dBV/m	Grid 2 M4 25.73 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 24.77 dBV/m	Grid 5 M4 25.75 dBV/m	Grid 6 M4 25.65 dBV/m
Grid 7 M4 24.19 dBV/m	Grid 8 M4 25.15 dBV/m	Grid 9 M4 25.04 dBV/m

Cursor:

Total = 25.75 dBV/m

E Category: M4

Location: -4.5, -5.5, 8.7 mm



0 dB = 19.38 V/m = 25.75 dBV/m

10 HAC RF CDMA2000 BC1_RC1_SO3_Ch25

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 1851.25 MHz;
Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 9.939 V/m; Power Drift = -0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 17.84 dBV/m

Emission category: M4

MIF scaled E-field

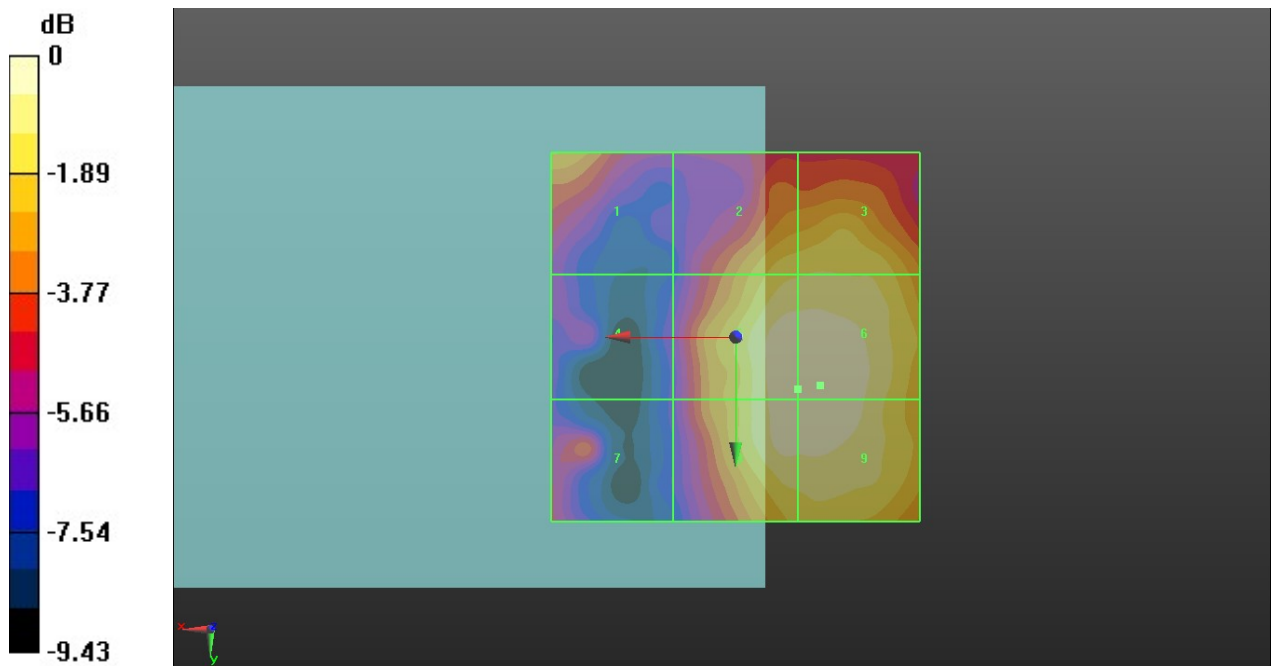
Grid 1 M4 15.44 dBV/m	Grid 2 M4 16.53 dBV/m	Grid 3 M4 16.64 dBV/m
Grid 4 M4 12.23 dBV/m	Grid 5 M4 17.77 dBV/m	Grid 6 M4 17.84 dBV/m
Grid 7 M4 13.91 dBV/m	Grid 8 M4 17.74 dBV/m	Grid 9 M4 17.81 dBV/m

Cursor:

Total = 17.84 dBV/m

E Category: M4

Location: -11.5, 6.5, 8.7 mm



0 dB = 7.799 V/m = 17.84 dBV/m

11 HAC RF CDMA2000 BC1_RC1_SO3_Ch600

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 1880 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 8.905 V/m; Power Drift = -0.03 dB

Applied MIF =3.26 dB

RF audio interference level = 17.50 dBV/m

Emission category: M4

MIF scaled E-field

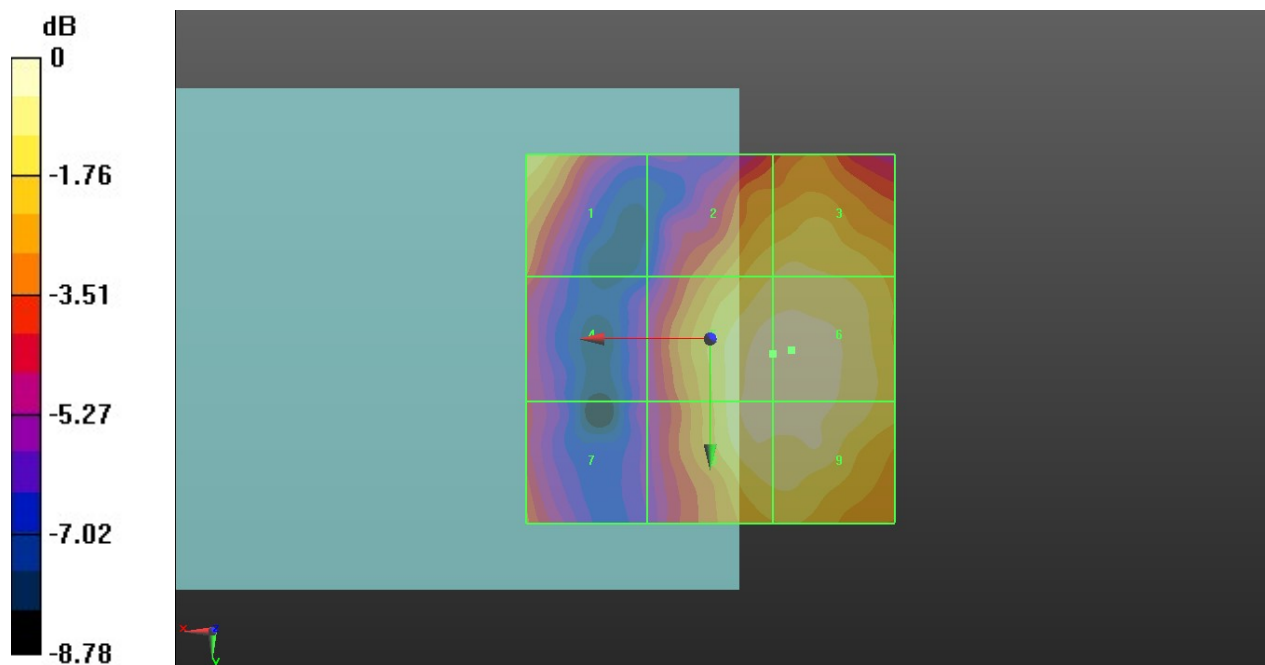
Grid 1 M4 16.37 dBV/m	Grid 2 M4 16.34 dBV/m	Grid 3 M4 16.51 dBV/m
Grid 4 M4 14.02 dBV/m	Grid 5 M4 17.37 dBV/m	Grid 6 M4 17.5 dBV/m
Grid 7 M4 14.29 dBV/m	Grid 8 M4 17.27 dBV/m	Grid 9 M4 17.23 dBV/m

Cursor:

Total = 17.50 dBV/m

E Category: M4

Location: -11, 1.5, 8.7 mm



0 dB = 7.495 V/m = 17.50 dBV/m

12 HAC RF CDMA2000 BC1_RC1_SO3_Ch1175

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 1908.75 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 9.941 V/m; Power Drift = -0.01 dB

Applied MIF =3.26 dB

RF audio interference level = 17.50 dBV/m

Emission category: M4

MIF scaled E-field

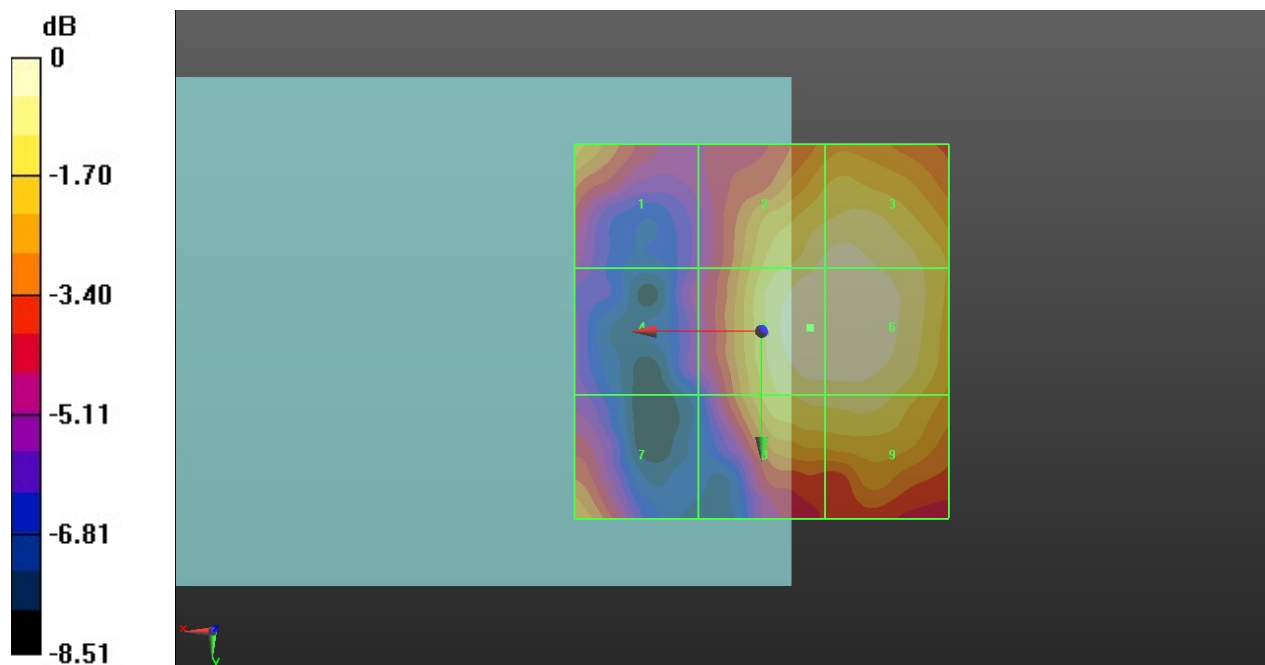
Grid 1 M4 15.67 dBV/m	Grid 2 M4 17.12 dBV/m	Grid 3 M4 17.26 dBV/m
Grid 4 M4 12.78 dBV/m	Grid 5 M4 17.5 dBV/m	Grid 6 M4 17.45 dBV/m
Grid 7 M4 15.32 dBV/m	Grid 8 M4 16.63 dBV/m	Grid 9 M4 16.72 dBV/m

Cursor:

Total = 17.50 dBV/m

E Category: M4

Location: -6.5, -0.5, 8.7 mm



13 HAC RF CDMA2000 BC10_RC1_SO3_Ch476

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 817.9 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 25.57 V/m; Power Drift = -0.07 dB

Applied MIF =3.26 dB

RF audio interference level = 31.74 dBV/m

Emission category: M4

MIF scaled E-field

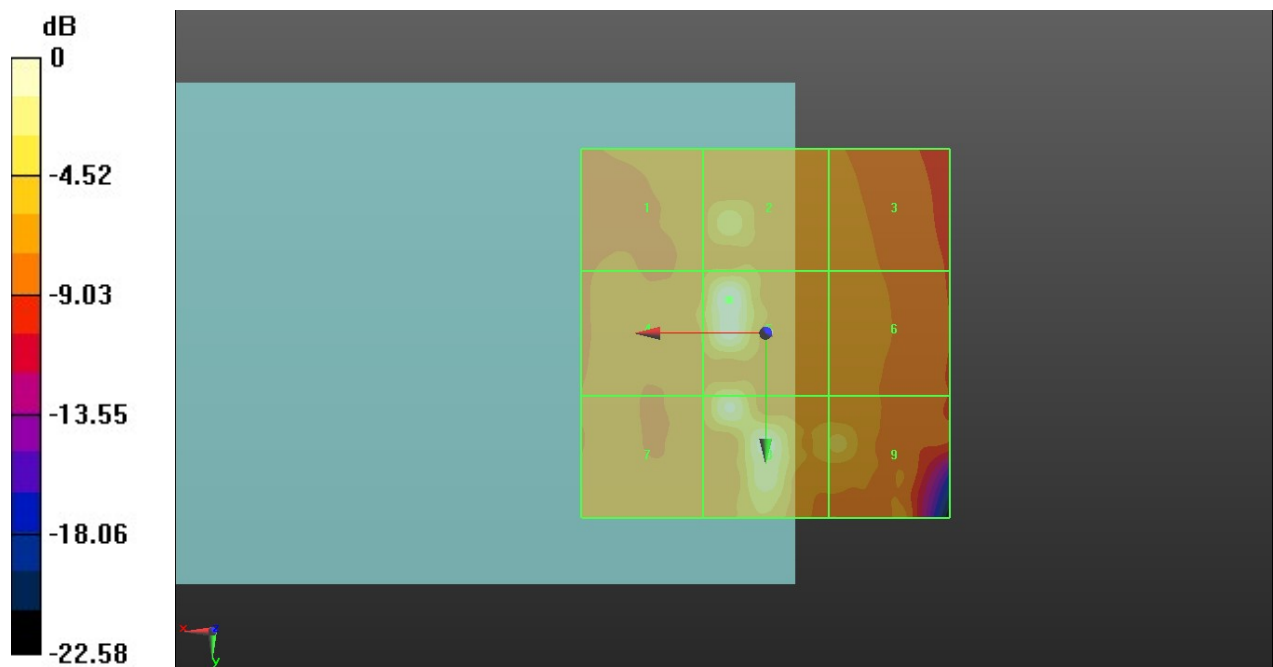
Grid 1 M4 25.26 dBV/m	Grid 2 M4 28.26 dBV/m	Grid 3 M4 24.98 dBV/m
Grid 4 M4 26.8 dBV/m	Grid 5 M4 31.74 dBV/m	Grid 6 M4 25.32 dBV/m
Grid 7 M4 25.65 dBV/m	Grid 8 M4 31.01 dBV/m	Grid 9 M4 27.78 dBV/m

Cursor:

Total = 31.74 dBV/m

E Category: M4

Location: 5, -4.5, 8.7 mm



14 HAC RF CDMA2000 BC10_RC1_SO3_Ch580

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 820.5 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 30.16 V/m; Power Drift = -0.05 dB

Applied MIF =3.26 dB

RF audio interference level = 30.48 dBV/m

Emission category: M4

MIF scaled E-field

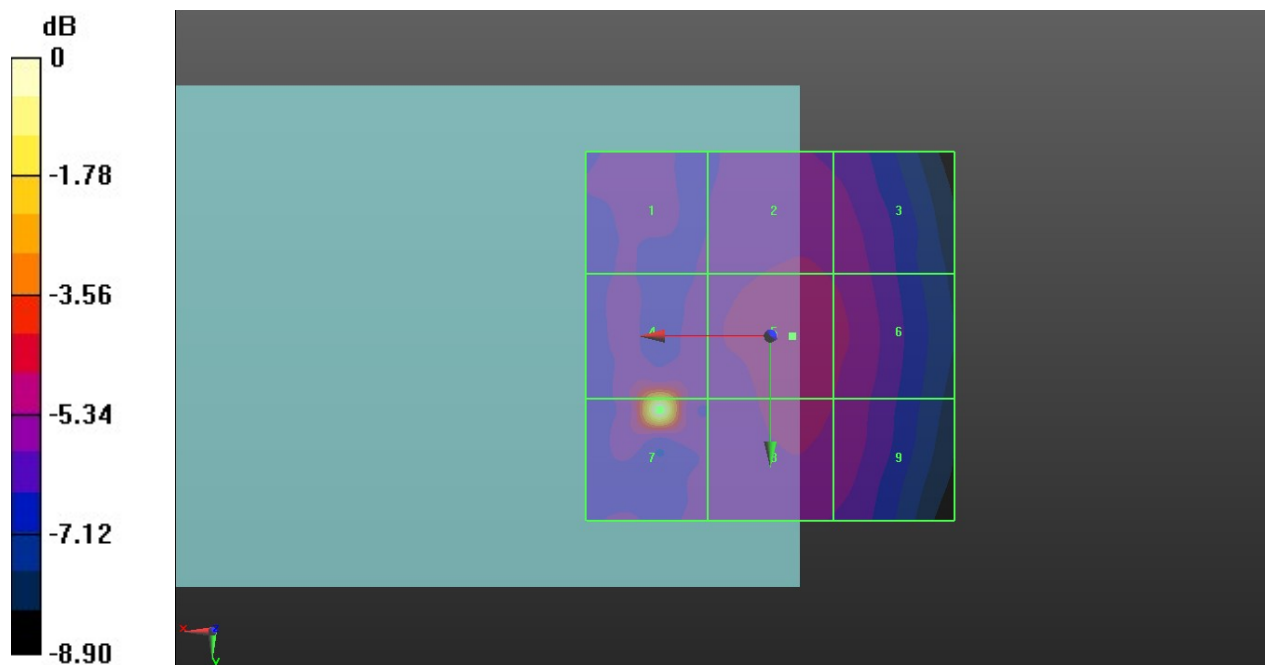
Grid 1 M4 24.77 dBV/m	Grid 2 M4 25.27 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 28.78 dBV/m	Grid 5 M4 25.5 dBV/m	Grid 6 M4 25.35 dBV/m
Grid 7 M4 30.48 dBV/m	Grid 8 M4 25.33 dBV/m	Grid 9 M4 25.17 dBV/m

Cursor:

Total = 30.48 dBV/m

E Category: M4

Location: 15, 10, 8.7 mm



0 dB = 33.41 V/m = 30.48 dBV/m

15 HAC RF CDMA2000 BC0_RC1_SO3_Ch684

Communication System: CDMA2000,RC1,SO3,1/8th Rate 25 fr.; Frequency: 823.1 MHz;Duty Cycle: 1:17.7419

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2020.3.26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 74.35 V/m; Power Drift = -0.09 dB

Applied MIF =3.26 dB

RF audio interference level = 35.95 dBV/m

Emission category: M4

MIF scaled E-field

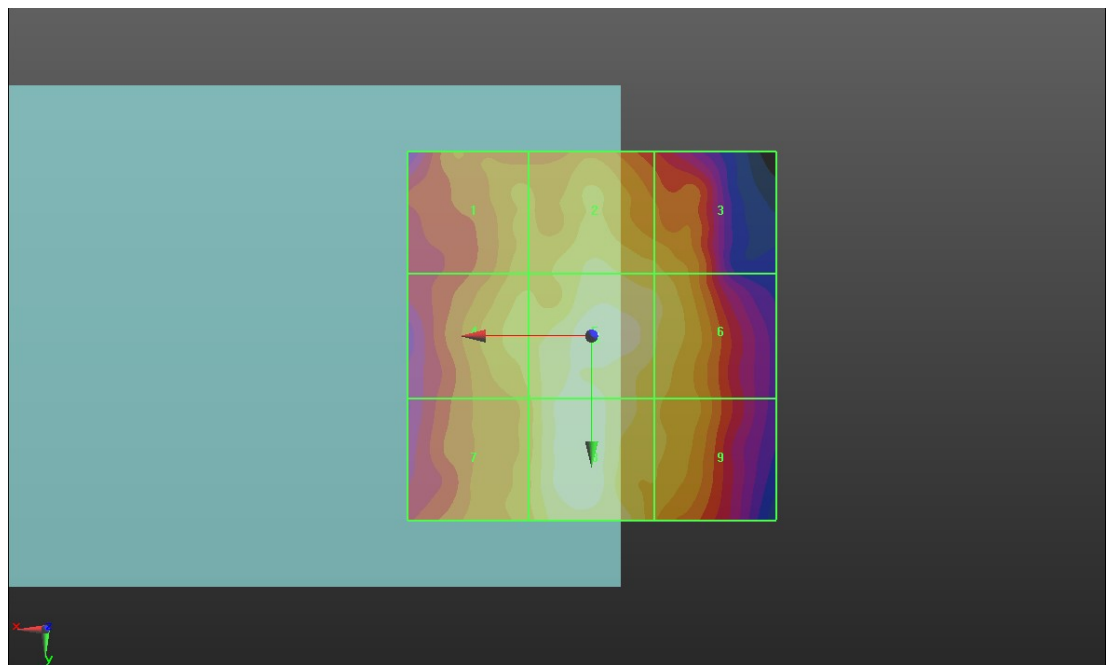
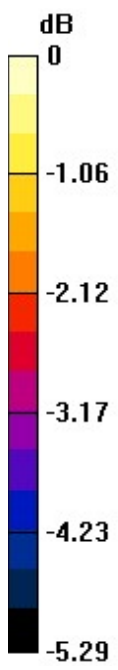
Grid 1 M4 34.78 dBV/m	Grid 2 M4 35.35 dBV/m	Grid 3 M4 35.04 dBV/m
Grid 4 M4 35.2 dBV/m	Grid 5 M4 35.95 dBV/m	Grid 6 M4 35.36 dBV/m
Grid 7 M4 34.85 dBV/m	Grid 8 M4 35.84 dBV/m	Grid 9 M4 35.01 dBV/m

Cursor:

Total = 35.95 dBV/m

E Category: M4

Location: -0.5, 0.5, 8.7 mm



0 dB = 62.71 V/m = 35.95 dBV/m

17 HAC RF LTE Band41_20M_QPSK_1RB_0offset_Ch39750

Communication System: UID 10172 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2506 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn690; Calibrated: 2020.3.26

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

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39750/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 = 15.27 V/m; Power Drift = -0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.53 dBV/m

Emission category: M4

MIF scaled E-field

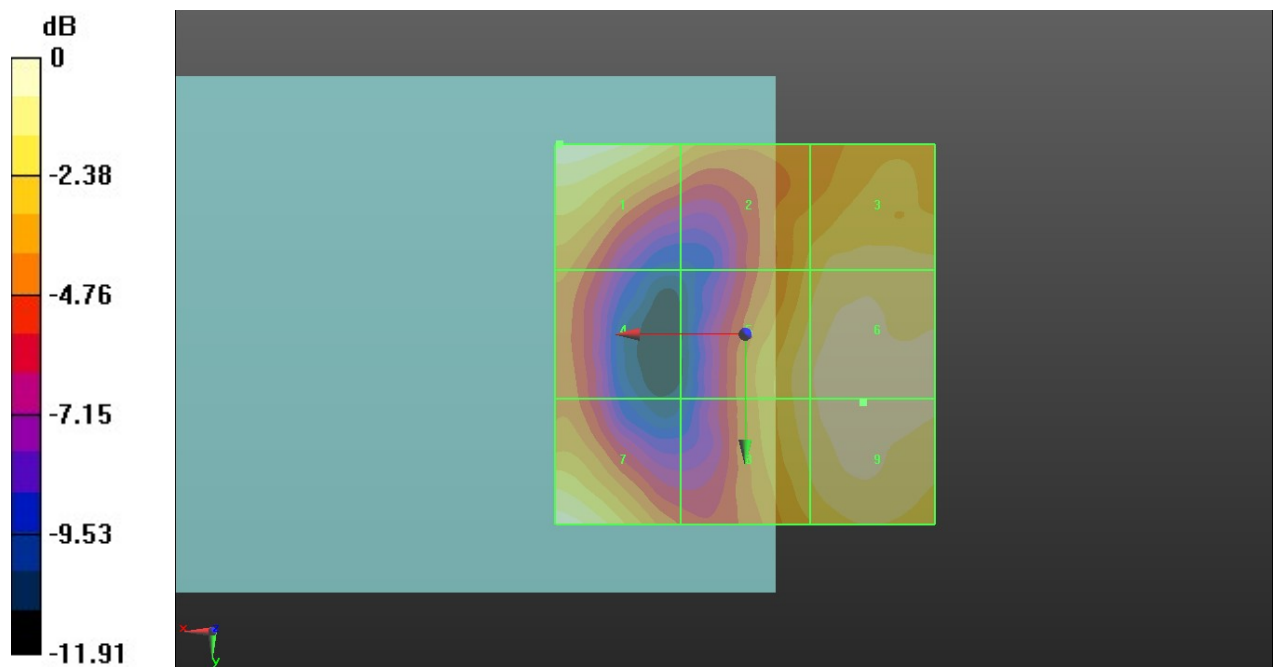
Grid 1 M4 23.53 dBV/m	Grid 2 M4 21.42 dBV/m	Grid 3 M4 22.38 dBV/m
Grid 4 M4 19.83 dBV/m	Grid 5 M4 22.62 dBV/m	Grid 6 M4 23.27 dBV/m
Grid 7 M4 23.21 dBV/m	Grid 8 M4 22.53 dBV/m	Grid 9 M4 23.28 dBV/m

Cursor:

Total = 23.53 dBV/m

E Category: M4

Location: 24.5, -25, 8.7 mm



0 dB = 15.01 V/m = 23.53 dBV/m

18 HAC RF LTE Band41_20M_QPSK_1RB_0offset_Ch40185

Communication System: UID 10172 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn690; Calibrated: 2020.3.26

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

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40185/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 = 12.34 V/m; Power Drift = 0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 23.21 dBV/m

Emission category: M4

MIF scaled E-field

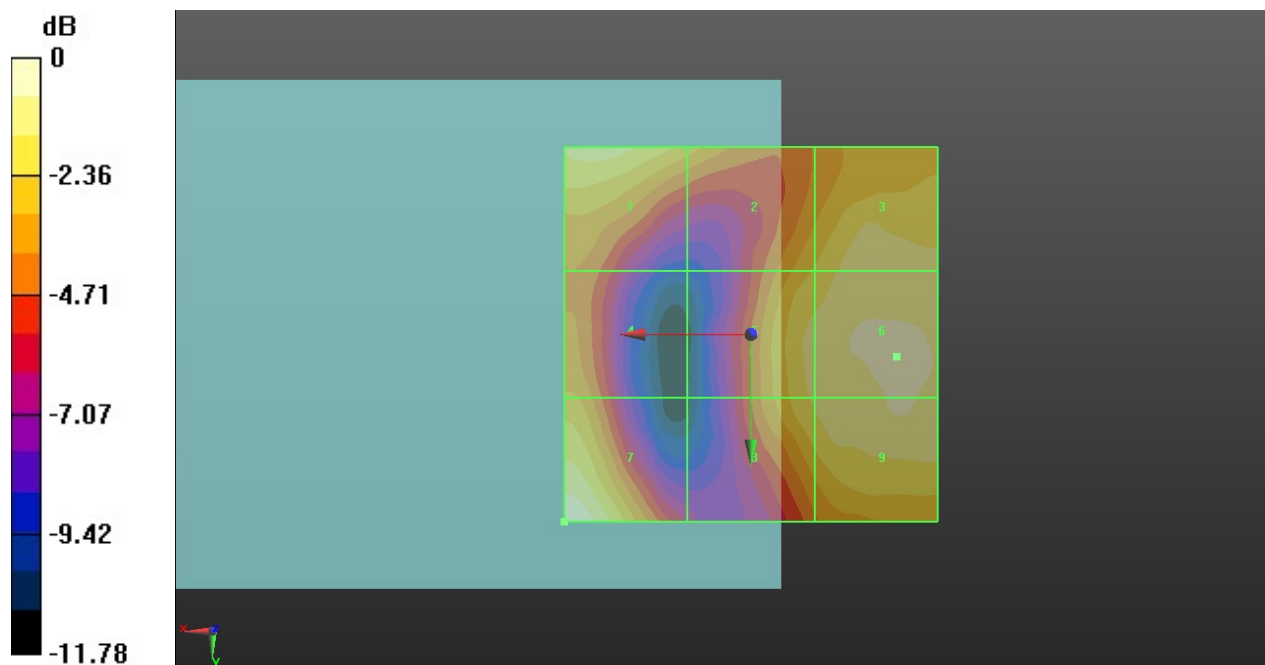
Grid 1 M4 22.14 dBV/m	Grid 2 M4 20.96 dBV/m	Grid 3 M4 22.16 dBV/m
Grid 4 M4 20.28 dBV/m	Grid 5 M4 21.91 dBV/m	Grid 6 M4 22.61 dBV/m
Grid 7 M4 23.21 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 22.54 dBV/m

Cursor:

Total = 23.21 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



19 HAC RF LTE Band41_20M_QPSK_1RB_0offset_Ch40620

Communication System: UID 10172 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn690; Calibrated: 2020.3.26

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

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/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 = 7.043 V/m; Power Drift = 0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.80 dBV/m

Emission category: M4

MIF scaled E-field

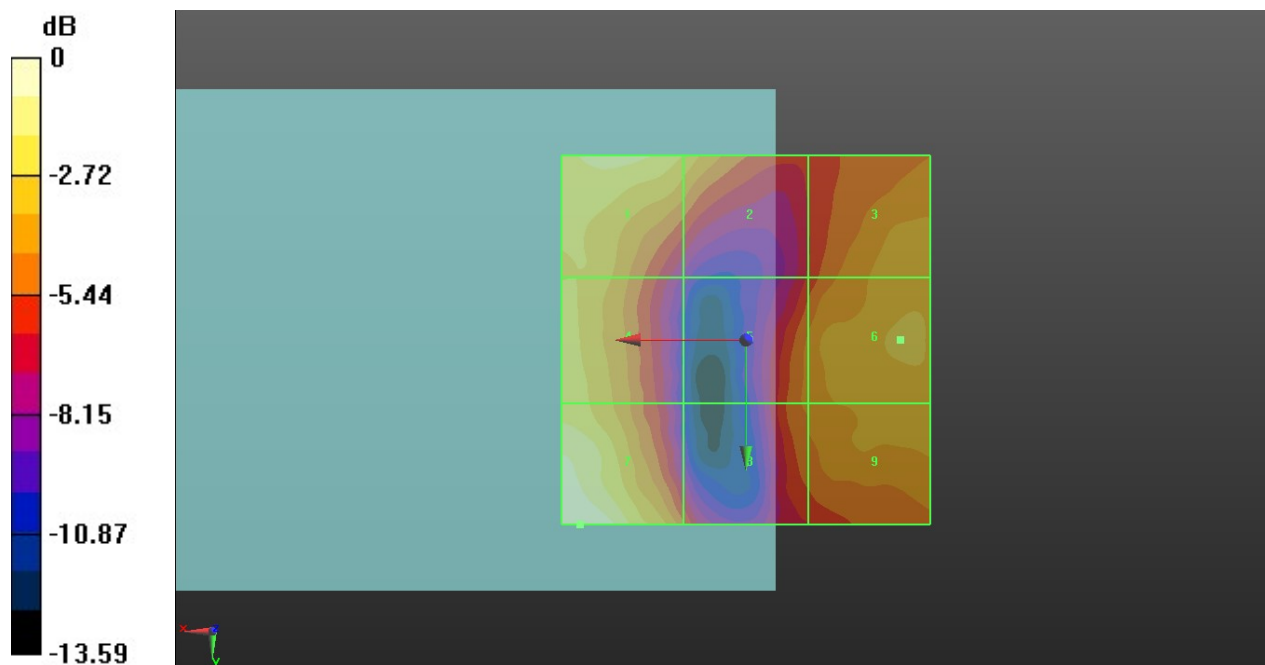
Grid 1 M4 21.39 dBV/m	Grid 2 M4 20.05 dBV/m	Grid 3 M4 19.78 dBV/m
Grid 4 M4 20.66 dBV/m	Grid 5 M4 18.6 dBV/m	Grid 6 M4 20.24 dBV/m
Grid 7 M4 22.8 dBV/m	Grid 8 M4 18.47 dBV/m	Grid 9 M4 19.75 dBV/m

Cursor:

Total = 22.80 dBV/m

E Category: M4

Location: 22.5, 25, 8.7 mm



0 dB = 13.81 V/m = 22.80 dBV/m

20 HAC RF LTE Band41_20M_QPSK_1RB_0offset_Ch41055

Communication System: UID 10172 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2020.1.24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn690; Calibrated: 2020.3.26

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

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41055/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 = 7.458 V/m; Power Drift = 0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.77 dBV/m

Emission category: M4

MIF scaled E-field

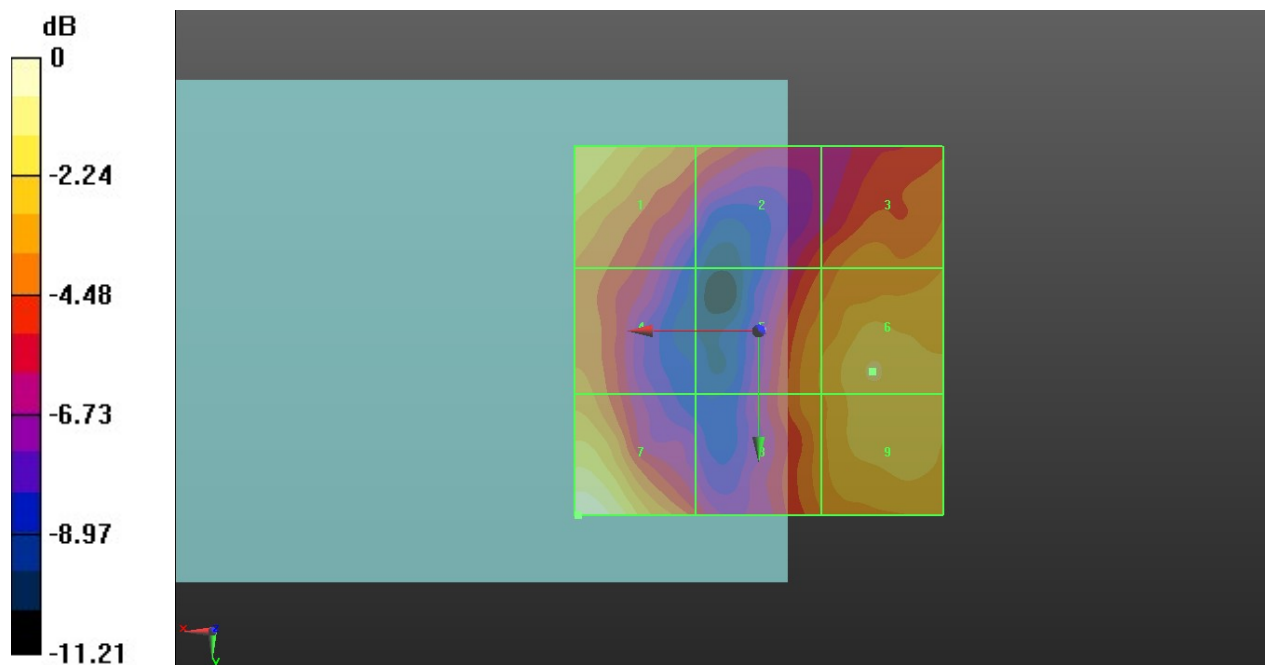
Grid 1 M4 19.93 dBV/m	Grid 2 M4 17.63 dBV/m	Grid 3 M4 18.8 dBV/m
Grid 4 M4 18.49 dBV/m	Grid 5 M4 18.89 dBV/m	Grid 6 M4 20.37 dBV/m
Grid 7 M4 21.77 dBV/m	Grid 8 M4 18.77 dBV/m	Grid 9 M4 20.14 dBV/m

Cursor:

Total = 21.77 dBV/m

E Category: M4

Location: 24.5, 25, 8.7 mm



0 dB = 12.26 V/m = 21.77 dBV/m