



REPORT No.: SZ20080370S01

Annex D Plots of RF Emission 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 39.97 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.26 dBV/m

Emission category: M4

MIF scaled E-field

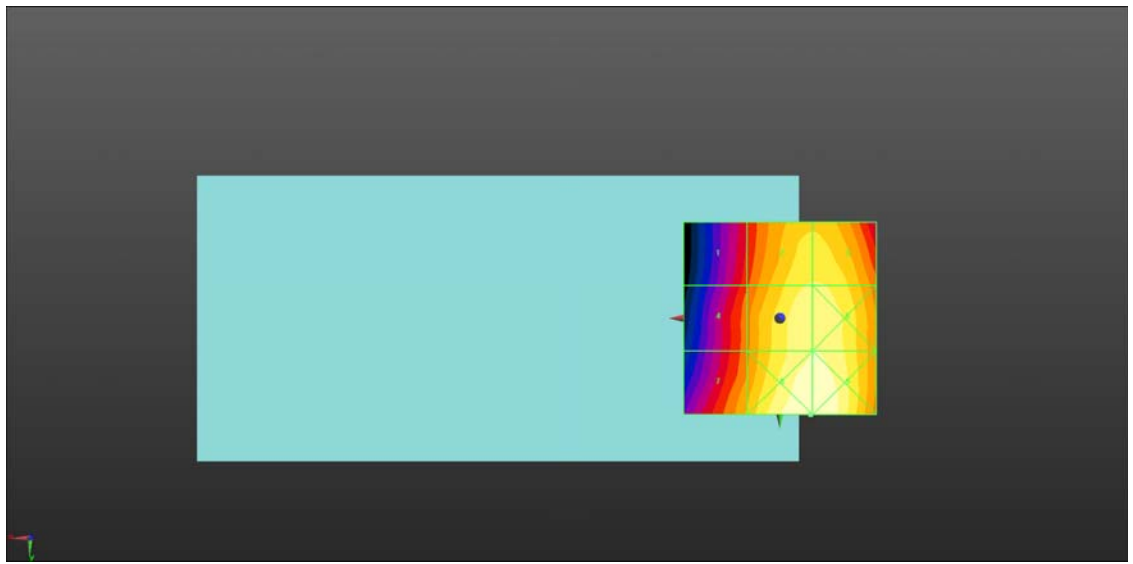
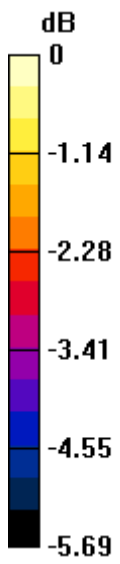
Grid 1 M4 32.31 dBV/m	Grid 2 M4 33.92 dBV/m	Grid 3 M4 33.92 dBV/m
Grid 4 M4 32.65 dBV/m	Grid 5 M4 34.26 dBV/m	Grid 6 M4 34.26 dBV/m
Grid 7 M4 33.19 dBV/m	Grid 8 M4 34.64 dBV/m	Grid 9 M4 34.64 dBV/m

Cursor:

Total = 34.64 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 53.94 V/m = 34.64 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 37.95 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.89 dBV/m

Emission category: M4

MIF scaled E-field

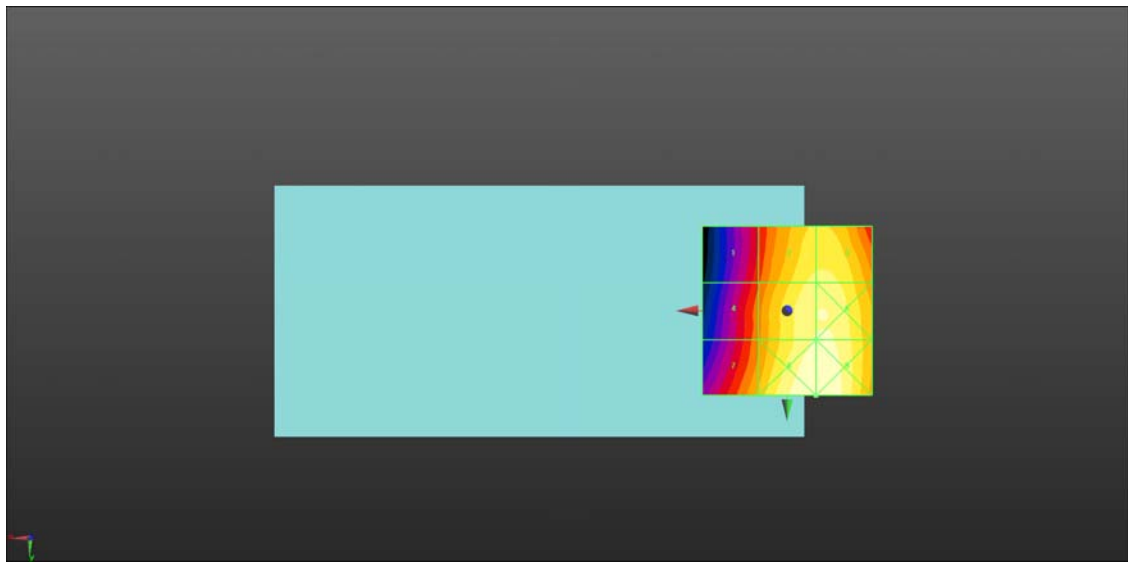
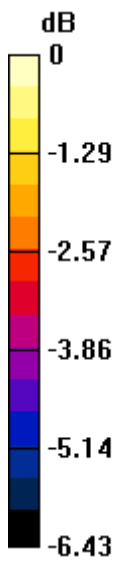
Grid 1 M4 31.62 dBV/m	Grid 2 M4 33.55 dBV/m	Grid 3 M4 33.58 dBV/m
Grid 4 M4 32.05 dBV/m	Grid 5 M4 33.89 dBV/m	Grid 6 M4 33.93 dBV/m
Grid 7 M4 32.66 dBV/m	Grid 8 M4 34.26 dBV/m	Grid 9 M4 34.26 dBV/m

Cursor:

Total = 34.26 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 51.66 V/m = 34.26 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 33.24 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.95 dBV/m

Emission category: M4

MIF scaled E-field

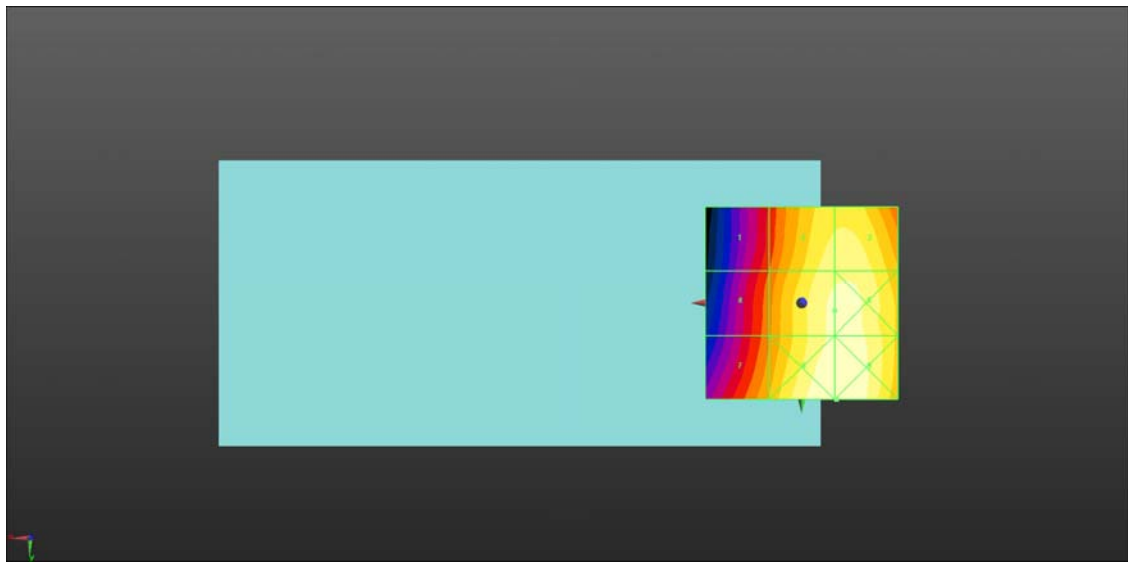
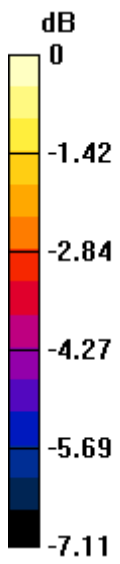
Grid 1 M4 30.48 dBV/m	Grid 2 M4 32.69 dBV/m	Grid 3 M4 32.74 dBV/m
Grid 4 M4 30.87 dBV/m	Grid 5 M4 32.95 dBV/m	Grid 6 M4 33 dBV/m
Grid 7 M4 31.49 dBV/m	Grid 8 M4 33.31 dBV/m	Grid 9 M4 33.32 dBV/m

Cursor:

Total = 33.32 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 46.32 V/m = 33.32 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 5.055 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.17 dBV/m

Emission category: M4

MIF scaled E-field

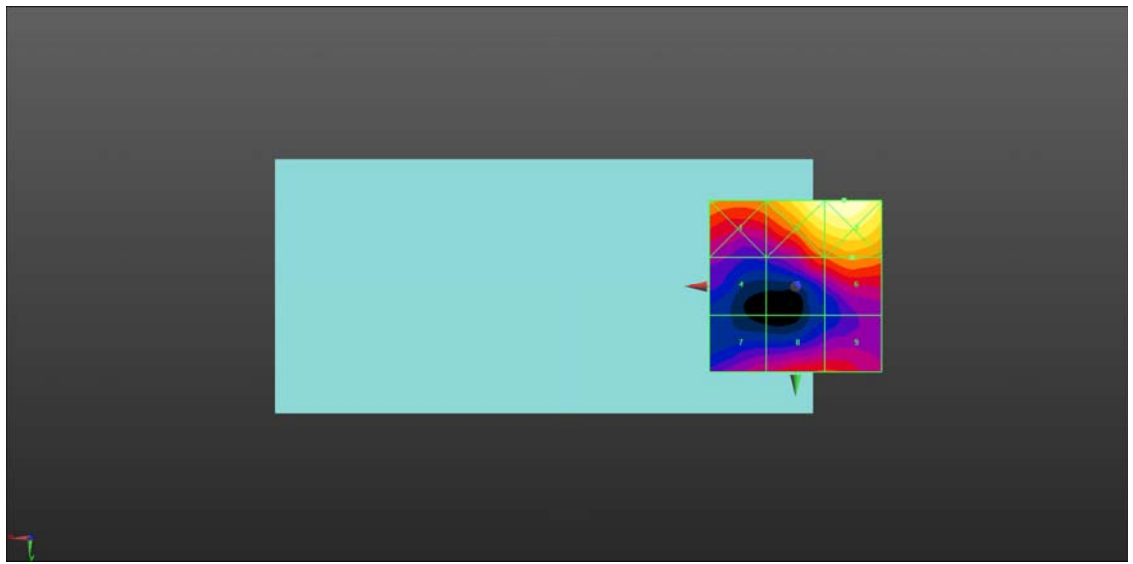
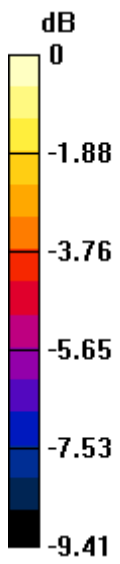
Grid 1 M4 22.23 dBV/m	Grid 2 M4 24.85 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 19.3 dBV/m	Grid 5 M4 21.38 dBV/m	Grid 6 M4 22.17 dBV/m
Grid 7 M4 20.11 dBV/m	Grid 8 M4 20.94 dBV/m	Grid 9 M4 20.95 dBV/m

Cursor:

Total = 25.09 dBV/m

E Category: M4

Location: -14, -25, 8.7 mm



0 dB = 17.97 V/m = 25.09 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 5.657 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.81 dBV/m

Emission category: M4

MIF scaled E-field

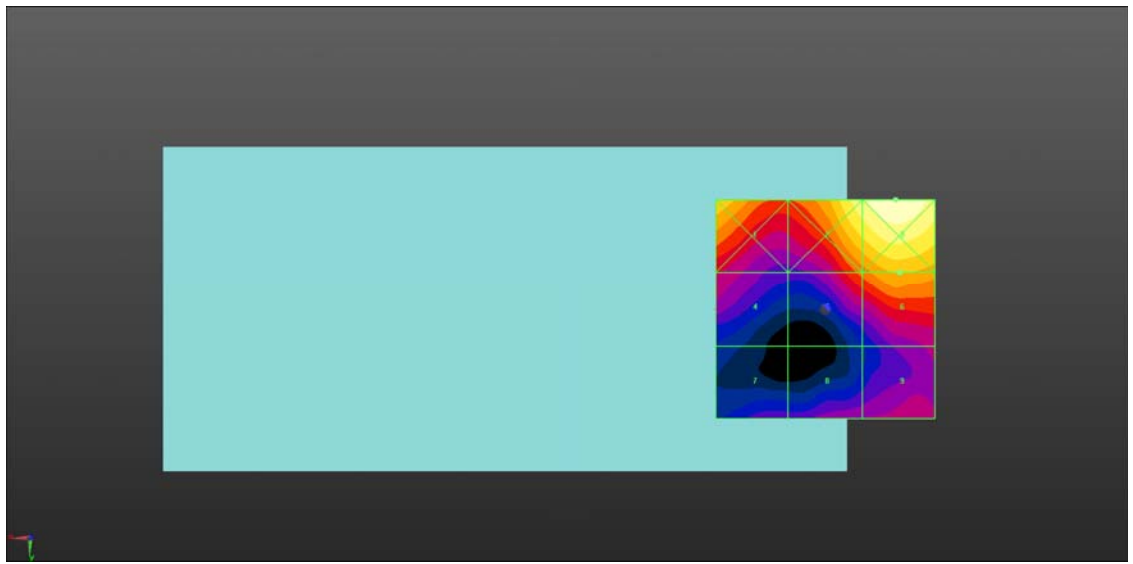
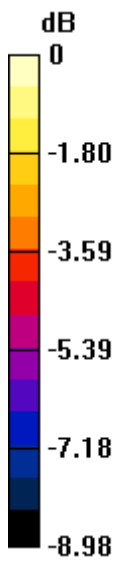
Grid 1 M4 23.34 dBV/m	Grid 2 M4 24.42 dBV/m	Grid 3 M4 25.13 dBV/m
Grid 4 M4 20.44 dBV/m	Grid 5 M4 21.82 dBV/m	Grid 6 M4 22.81 dBV/m
Grid 7 M4 19 dBV/m	Grid 8 M4 19.78 dBV/m	Grid 9 M4 20.01 dBV/m

Cursor:

Total = 25.13 dBV/m

E Category: M4

Location: -16, -25, 8.7 mm



0 dB = 18.04 V/m = 25.13 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 4.828 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.59 dBV/m

Emission category: M4

MIF scaled E-field

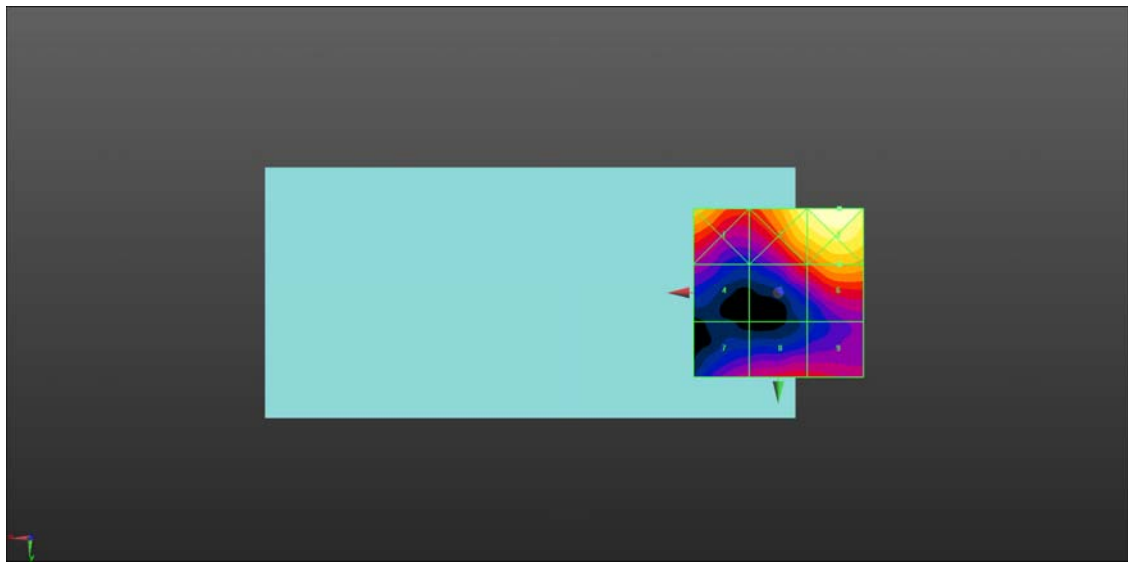
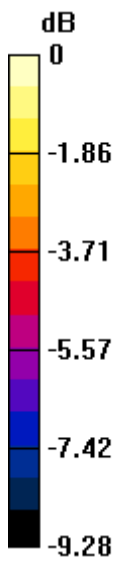
Grid 1 M4 23.19 dBV/m	Grid 2 M4 24.4 dBV/m	Grid 3 M4 25.07 dBV/m
Grid 4 M4 19.4 dBV/m	Grid 5 M4 21.22 dBV/m	Grid 6 M4 22.59 dBV/m
Grid 7 M4 20 dBV/m	Grid 8 M4 20.63 dBV/m	Grid 9 M4 20.54 dBV/m

Cursor:

Total = 25.07 dBV/m

E Category: M4

Location: -18, -25, 8.7 mm



0 dB = 17.93 V/m = 25.07 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 2.679 V/m; Power Drift = 0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 12.08 dBV/m

Emission category: M4

MIF scaled E-field

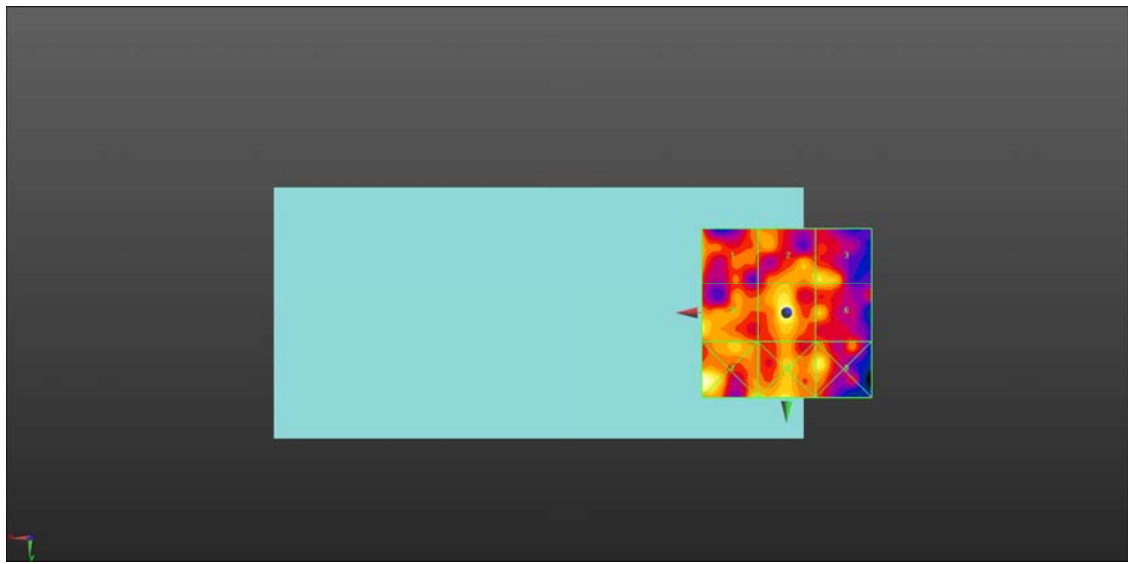
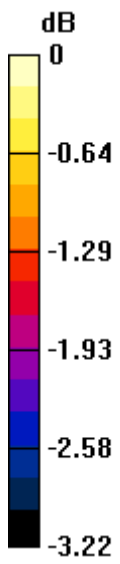
Grid 1 M4 11.28 dBV/m	Grid 2 M4 11.38 dBV/m	Grid 3 M4 11.47 dBV/m
Grid 4 M4 11.58 dBV/m	Grid 5 M4 12.08 dBV/m	Grid 6 M4 11.29 dBV/m
Grid 7 M4 12.07 dBV/m	Grid 8 M4 11.55 dBV/m	Grid 9 M4 11.66 dBV/m

Cursor:

Total = 12.08 dBV/m

E Category: M4

Location: 0, 0, 8.7 mm



0 dB = 4.016 V/m = 12.08 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 2.884 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 12.26 dBV/m

Emission category: M4

MIF scaled E-field

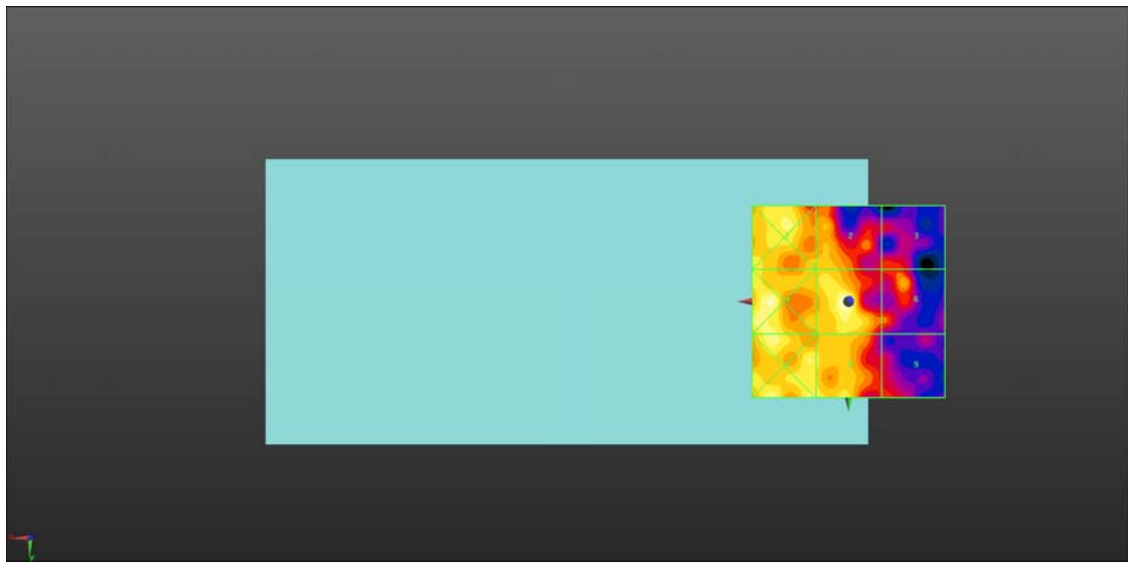
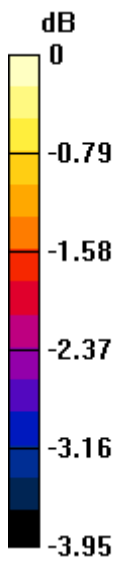
Grid 1 M4 11.82 dBV/m	Grid 2 M4 11.42 dBV/m	Grid 3 M4 10.62 dBV/m
Grid 4 M4 12.06 dBV/m	Grid 5 M4 12.26 dBV/m	Grid 6 M4 11.14 dBV/m
Grid 7 M4 11.93 dBV/m	Grid 8 M4 11.82 dBV/m	Grid 9 M4 10.54 dBV/m

Cursor:

Total = 12.26 dBV/m

E Category: M4

Location: 0.5, 0.5, 8.7 mm



0 dB = 4.102 V/m = 12.26 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 2.942 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 12.28 dBV/m

Emission category: M4

MIF scaled E-field

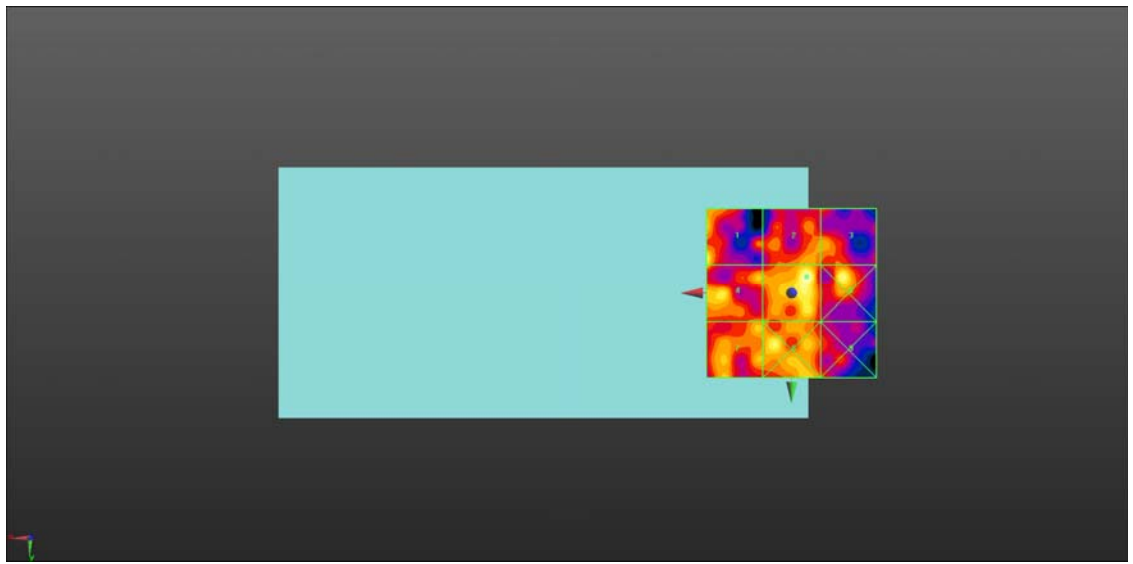
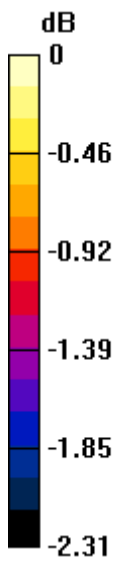
Grid 1 M4 12.06 dBV/m	Grid 2 M4 11.69 dBV/m	Grid 3 M4 11.62 dBV/m
Grid 4 M4 11.94 dBV/m	Grid 5 M4 12.28 dBV/m	Grid 6 M4 12.07 dBV/m
Grid 7 M4 11.73 dBV/m	Grid 8 M4 12.01 dBV/m	Grid 9 M4 11.4 dBV/m

Cursor:

Total = 12.28 dBV/m

E Category: M4

Location: -4.5, -5, 8.7 mm



0 dB = 4.111 V/m = 12.28 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 2.810 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 11.14 dBV/m

Emission category: M4

MIF scaled E-field

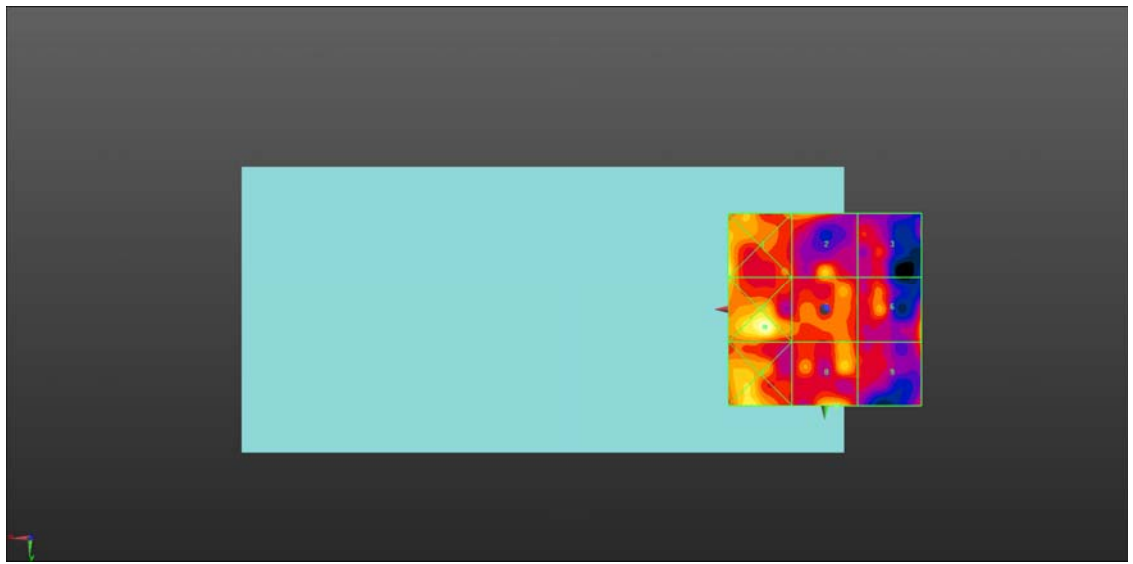
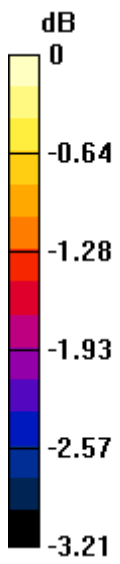
Grid 1 M4 11.31 dBV/m	Grid 2 M4 10.89 dBV/m	Grid 3 M4 10.22 dBV/m
Grid 4 M4 11.64 dBV/m	Grid 5 M4 10.72 dBV/m	Grid 6 M4 10.67 dBV/m
Grid 7 M4 11.22 dBV/m	Grid 8 M4 11.14 dBV/m	Grid 9 M4 10.46 dBV/m

Cursor:

Total = 11.64 dBV/m

E Category: M4

Location: 15.5, 4.5, 8.7 mm



0 dB = 3.821 V/m = 11.64 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 2.968 V/m; Power Drift = -0.08 dB

Applied MIF = 3.26 dB

RF audio interference level = 11.52 dBV/m

Emission category: M4

MIF scaled E-field

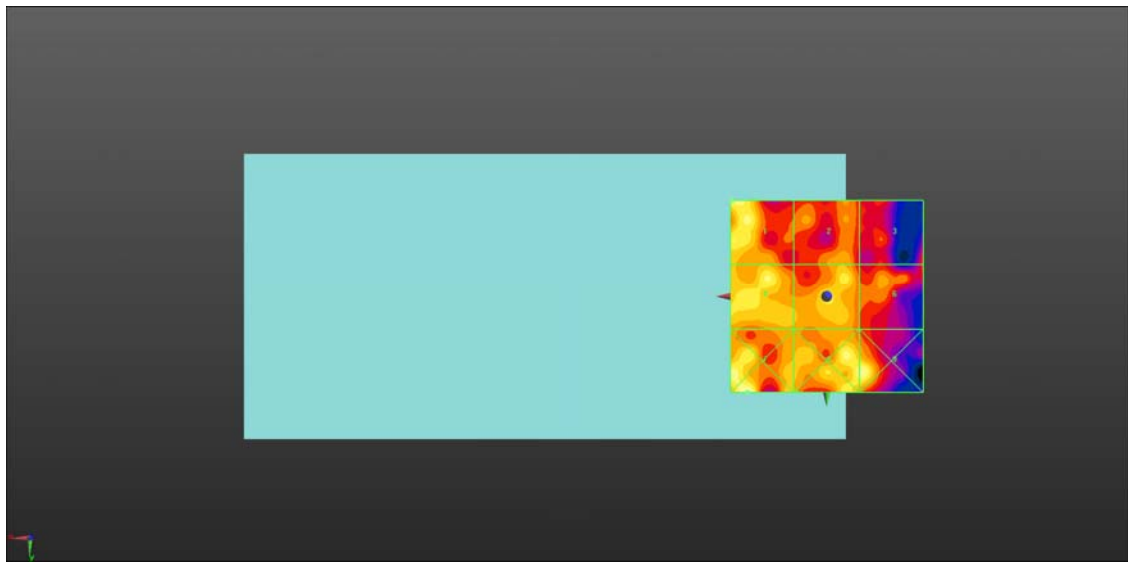
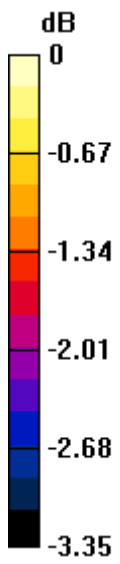
Grid 1 M4 11.52 dBV/m	Grid 2 M4 10.88 dBV/m	Grid 3 M4 10.5 dBV/m
Grid 4 M4 11.36 dBV/m	Grid 5 M4 11.2 dBV/m	Grid 6 M4 10.74 dBV/m
Grid 7 M4 11.76 dBV/m	Grid 8 M4 11.51 dBV/m	Grid 9 M4 11.55 dBV/m

Cursor:

Total = 11.76 dBV/m

E Category: M4

Location: 20.5, 25, 8.7 mm



0 dB = 3.871 V/m = 11.76 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 = 2.943 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 11.59 dBV/m

Emission category: M4

MIF scaled E-field

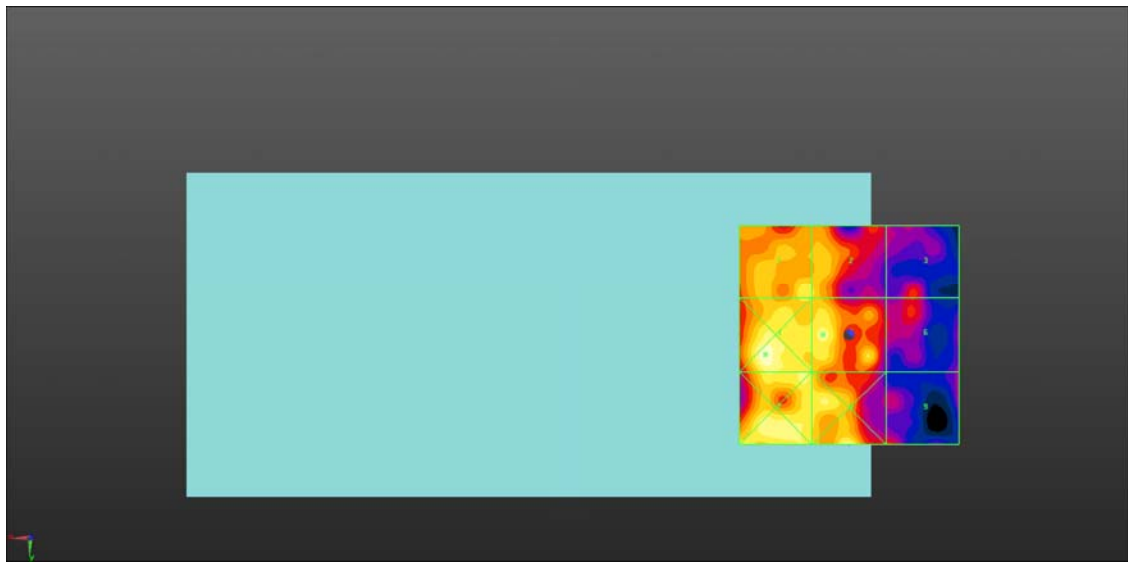
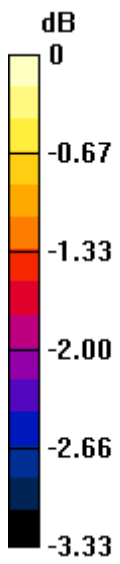
Grid 1 M4 11.49 dBV/m	Grid 2 M4 11.35 dBV/m	Grid 3 M4 10.5 dBV/m
Grid 4 M4 11.94 dBV/m	Grid 5 M4 11.59 dBV/m	Grid 6 M4 10.46 dBV/m
Grid 7 M4 11.67 dBV/m	Grid 8 M4 11.69 dBV/m	Grid 9 M4 10.58 dBV/m

Cursor:

Total = 11.94 dBV/m

E Category: M4

Location: 19, 4.5, 8.7 mm



0 dB = 3.953 V/m = 11.94 dBV/m

HAC RF_CDMA2000 BC10_RC1 SO3_Ch476_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 2.586 V/m; Power Drift = 0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 11.15 dBV/m

Emission category: M4

MIF scaled E-field

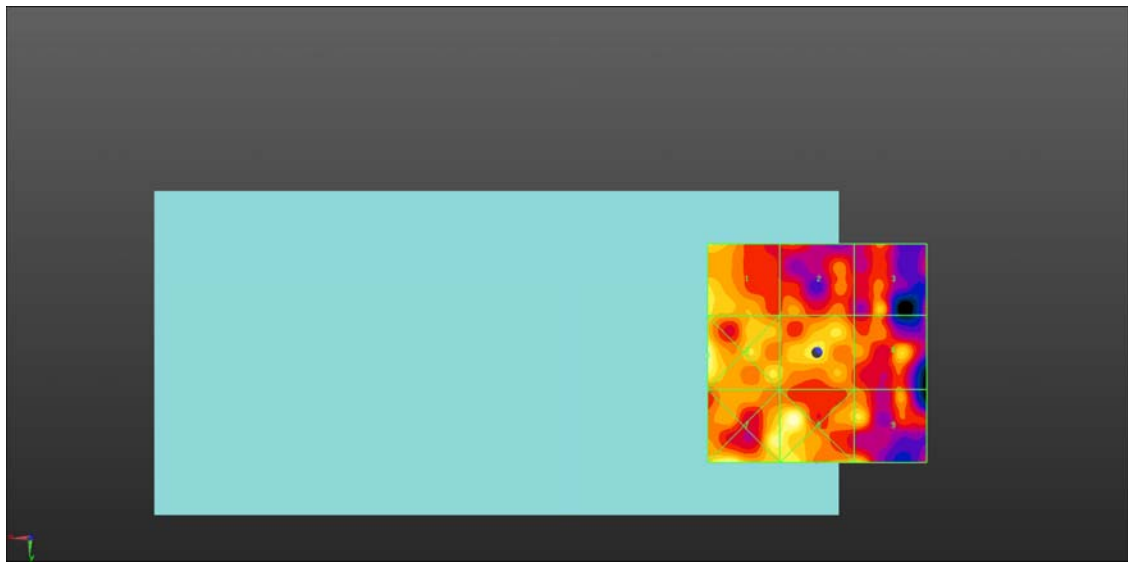
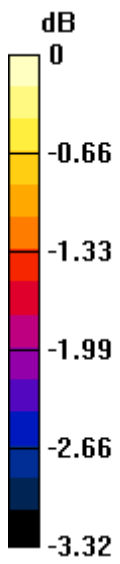
Grid 1 M4 11.14 dBV/m	Grid 2 M4 10.6 dBV/m	Grid 3 M4 10.86 dBV/m
Grid 4 M4 11.61 dBV/m	Grid 5 M4 11.15 dBV/m	Grid 6 M4 10.98 dBV/m
Grid 7 M4 11.53 dBV/m	Grid 8 M4 11.57 dBV/m	Grid 9 M4 11.01 dBV/m

Cursor:

Total = 11.61 dBV/m

E Category: M4

Location: 25, 0.5, 8.7 mm



0 dB = 3.807 V/m = 11.61 dBV/m

HAC RF_CDMA2000 BC10_RC1 SO3_Ch580_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 2.920 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 13.17 dBV/m

Emission category: M4

MIF scaled E-field

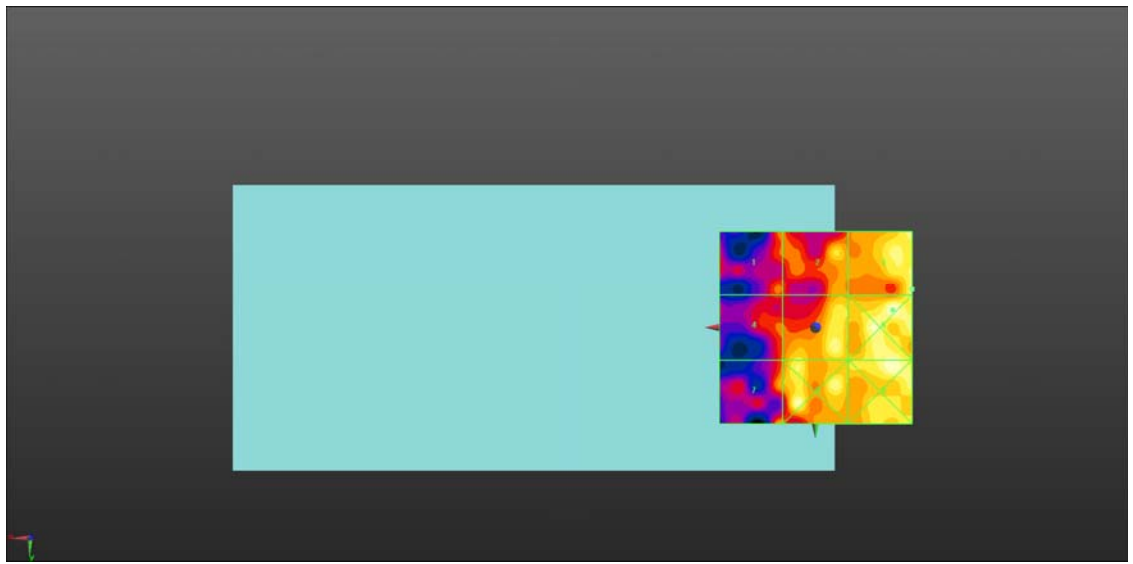
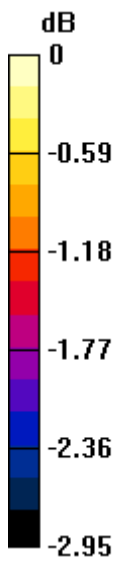
Grid 1 M4 12.3 dBV/m	Grid 2 M4 12.84 dBV/m	Grid 3 M4 13.17 dBV/m
Grid 4 M4 12.26 dBV/m	Grid 5 M4 13.12 dBV/m	Grid 6 M4 13.36 dBV/m
Grid 7 M4 12.59 dBV/m	Grid 8 M4 13.26 dBV/m	Grid 9 M4 13.35 dBV/m

Cursor:

Total = 13.36 dBV/m

E Category: M4

Location: -20, -4.5, 8.7 mm



0 dB = 4.657 V/m = 13.36 dBV/m

HAC RF_CDMA2000 BC10_RC1 SO3_Ch684_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.98 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 3.018 V/m; Power Drift = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 11.66 dBV/m

Emission category: M4

MIF scaled E-field

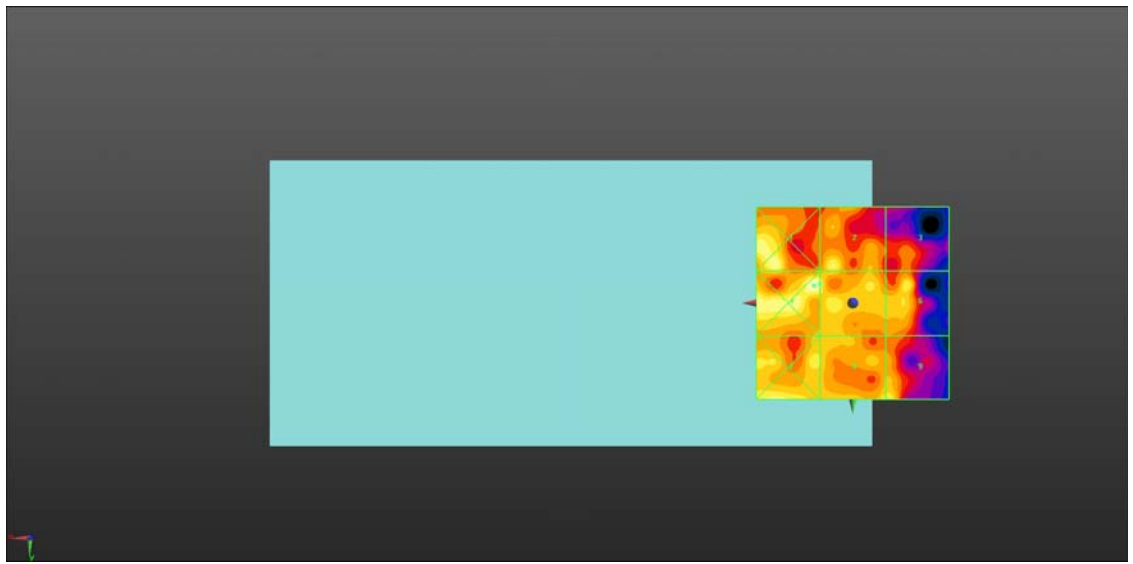
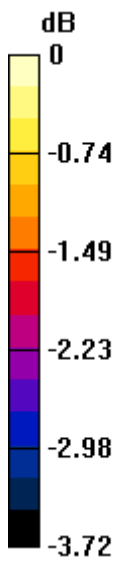
Grid 1 M4 11.75 dBV/m	Grid 2 M4 11.53 dBV/m	Grid 3 M4 10.7 dBV/m
Grid 4 M4 11.99 dBV/m	Grid 5 M4 11.66 dBV/m	Grid 6 M4 11.47 dBV/m
Grid 7 M4 11.7 dBV/m	Grid 8 M4 11.49 dBV/m	Grid 9 M4 11.51 dBV/m

Cursor:

Total = 11.99 dBV/m

E Category: M4

Location: 10, -4.5, 8.7 mm



0 dB = 3.978 V/m = 11.99 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch37850_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2580 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

Ch37850/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 = 5.842 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 15.96 dBV/m

Emission category: M4

MIF scaled E-field

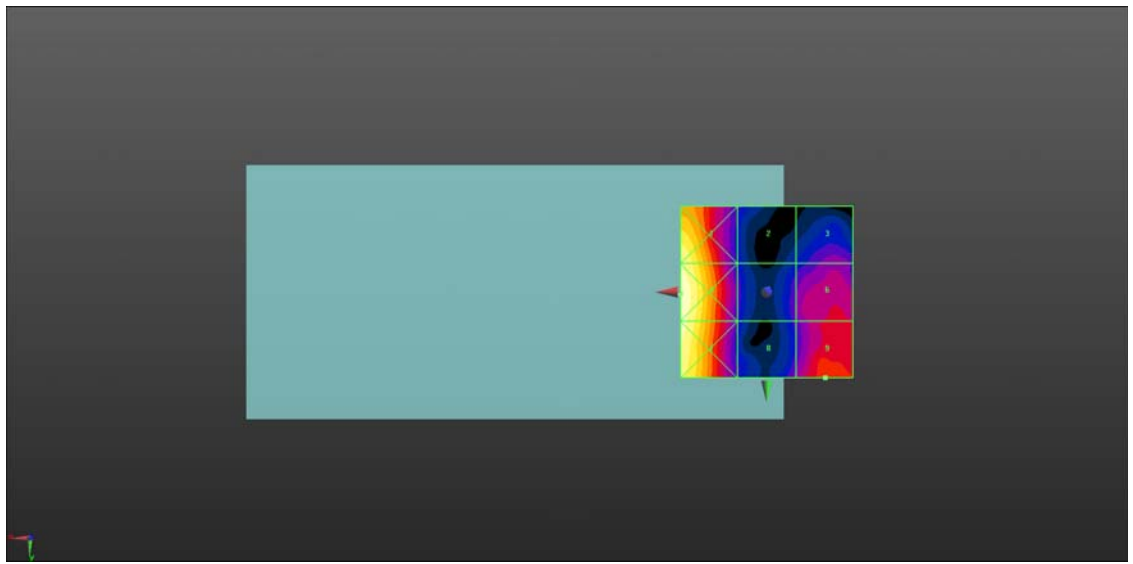
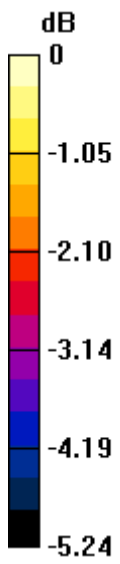
Grid 1 M4 17.92 dBV/m	Grid 2 M4 14.57 dBV/m	Grid 3 M4 15 dBV/m
Grid 4 M4 18.24 dBV/m	Grid 5 M4 14.83 dBV/m	Grid 6 M4 15.5 dBV/m
Grid 7 M4 18.04 dBV/m	Grid 8 M4 15 dBV/m	Grid 9 M4 15.96 dBV/m

Cursor:

Total = 18.24 dBV/m

E Category: M4

Location: 25, 0.5, 8.7 mm



0 dB = 8.169 V/m = 18.24 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch38000_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2595 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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

Ch38000/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 = 5.771 V/m; Power Drift = 0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 16.29 dBV/m

Emission category: M4

MIF scaled E-field

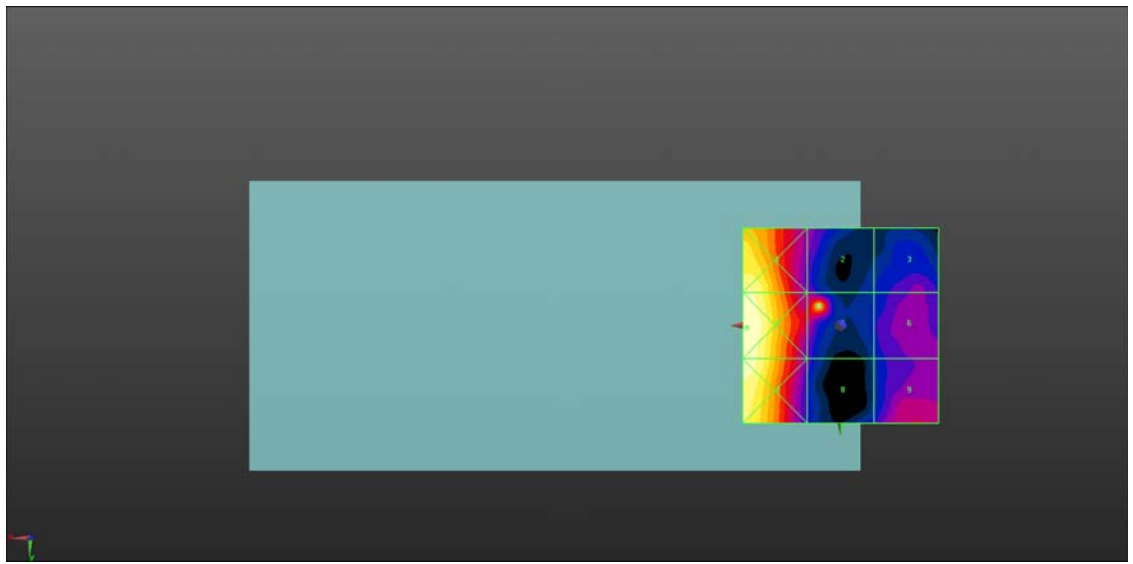
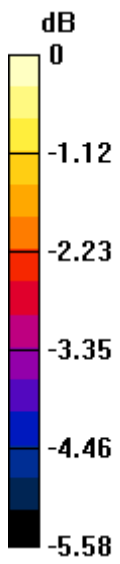
Grid 1 M4 17.72 dBV/m	Grid 2 M4 14.58 dBV/m	Grid 3 M4 14.43 dBV/m
Grid 4 M4 18.03 dBV/m	Grid 5 M4 16.29 dBV/m	Grid 6 M4 14.49 dBV/m
Grid 7 M4 17.92 dBV/m	Grid 8 M4 14.28 dBV/m	Grid 9 M4 15.09 dBV/m

Cursor:

Total = 18.03 dBV/m

E Category: M4

Location: 24, 0.5, 8.7 mm



0 dB = 7.970 V/m = 18.03 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch38150_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2619.9 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

Ch38150/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 = 5.635 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 15.11 dBV/m

Emission category: M4

MIF scaled E-field

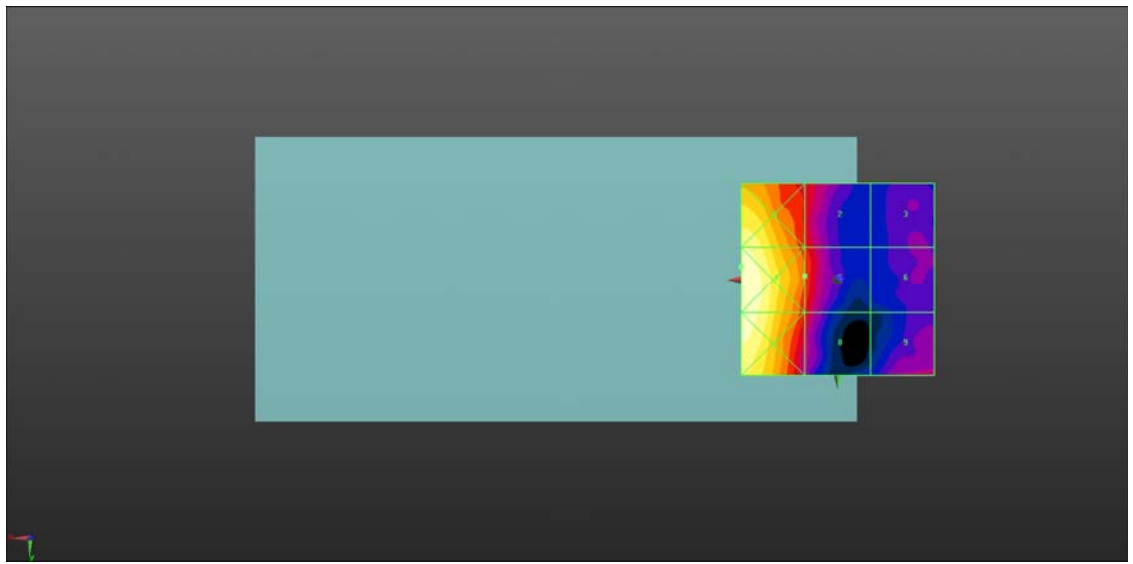
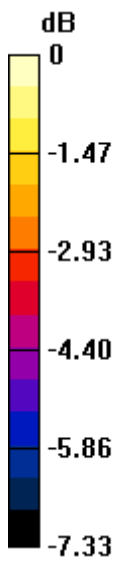
Grid 1 M4 17.57 dBV/m	Grid 2 M4 14.73 dBV/m	Grid 3 M4 13.32 dBV/m
Grid 4 M4 18.02 dBV/m	Grid 5 M4 15.11 dBV/m	Grid 6 M4 13.3 dBV/m
Grid 7 M4 17.74 dBV/m	Grid 8 M4 14.62 dBV/m	Grid 9 M4 13.84 dBV/m

Cursor:

Total = 18.02 dBV/m

E Category: M4

Location: 25, -3.5, 8.7 mm



0 dB = 7.963 V/m = 18.02 dBV/m

HAC RF_LTE Band 40_20M_QPSK_1RB_0offset_12.2Kbps_Ch38750_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2350 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

Ch39150/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 = 16.62 V/m; Power Drift = 0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.88 dBV/m

Emission category: M4

MIF scaled E-field

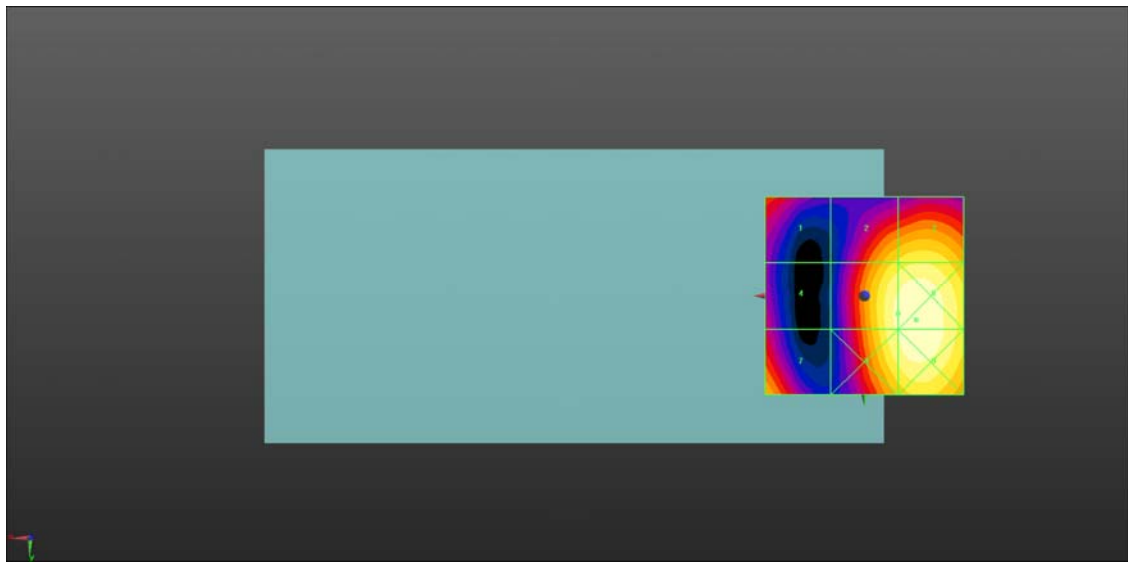
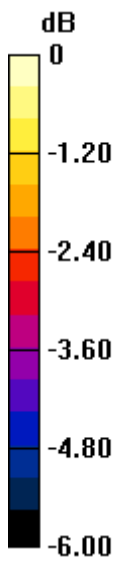
Grid 1 M4 20.64 dBV/m	Grid 2 M4 22.09 dBV/m	Grid 3 M4 22.35 dBV/m
Grid 4 M4 19.99 dBV/m	Grid 5 M4 22.88 dBV/m	Grid 6 M4 23.15 dBV/m
Grid 7 M4 21.58 dBV/m	Grid 8 M4 22.83 dBV/m	Grid 9 M4 23.13 dBV/m

Cursor:

Total = 23.15 dBV/m

E Category: M4

Location: -13, 6, 8.7 mm



0 dB = 14.37 V/m = 23.15 dBV/m

HAC RF_LTE Band 40_20M_QPSK_1RB_0offset_12.2Kbps_Ch39200_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2355 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

Ch39200/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 = 15.98 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.77 dBV/m	Grid 2 M4 21.82 dBV/m	Grid 3 M4 22.09 dBV/m
Grid 4 M4 19.88 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 22.87 dBV/m
Grid 7 M4 21.44 dBV/m	Grid 8 M4 22.53 dBV/m	Grid 9 M4 22.84 dBV/m

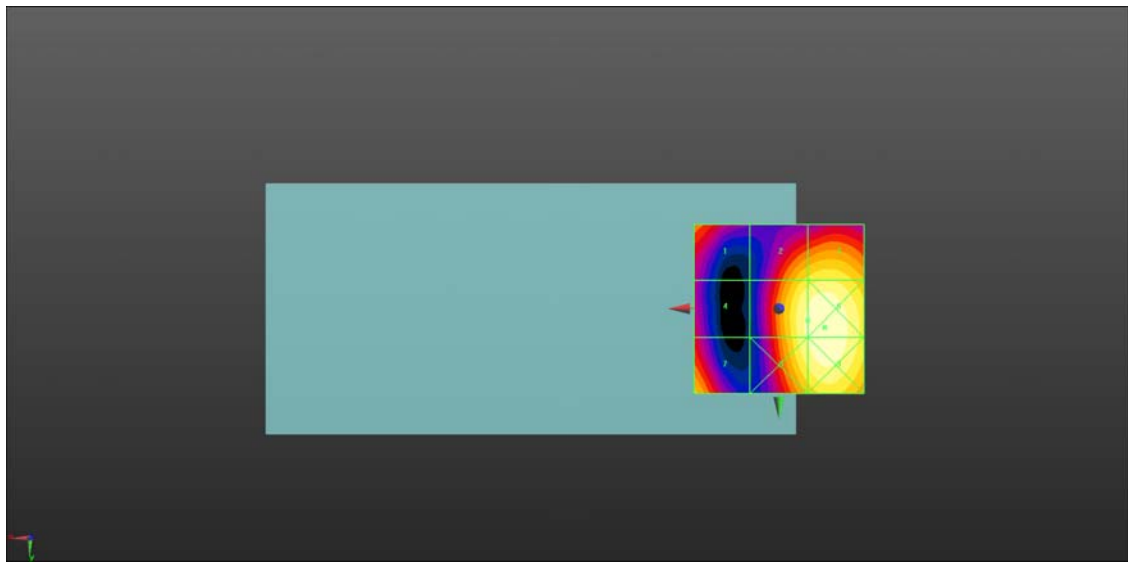
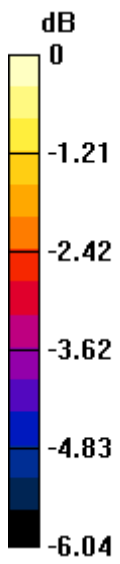
Category	Limits for E-Field Emissions < 960MHz	Limits for E-Field Emissions > 960MHz
M1	50 dBV/m - 55 dB V/m	40 dBV/m - 45 dB V/m
M2	45 dBV/m - 50 dB V/m	35 dBV/m - 40 dB V/m
M3	40 dBV/m - 45 dB V/m	30 dBV/m - 35 dB V/m
M4	<40 dBV/m	<30 dBV/m

Cursor:

Total = 22.87 dBV/m

E Category: M4

Location: -13.5, 5.5, 8.7 mm



0 dB = 13.91 V/m = 22.87 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch39750_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2506 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 10.43 V/m; Power Drift = -0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.70 dBV/m

Emission category: M4

MIF scaled E-field

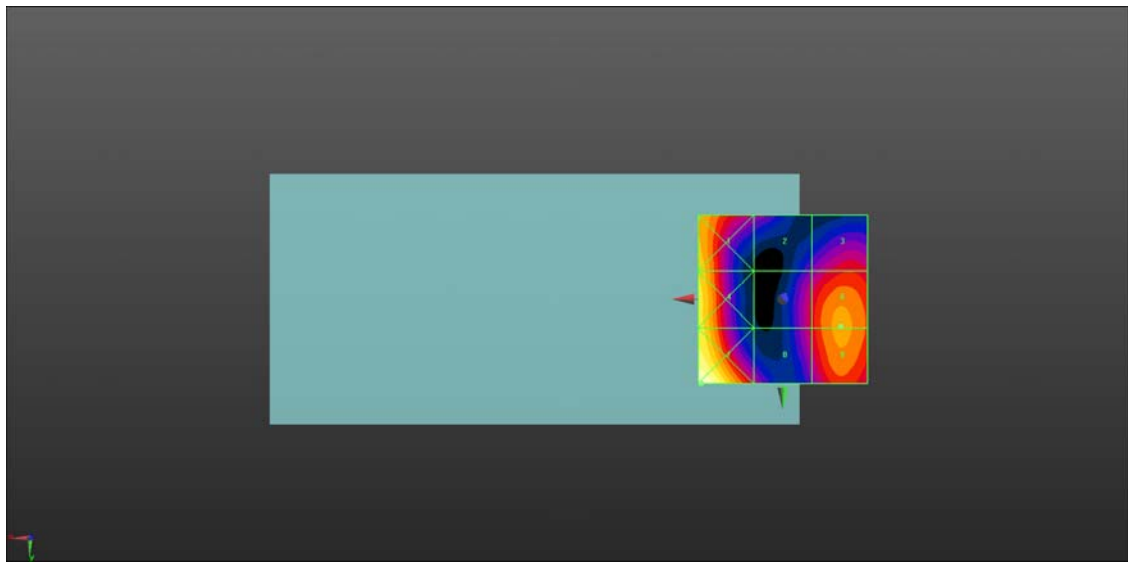
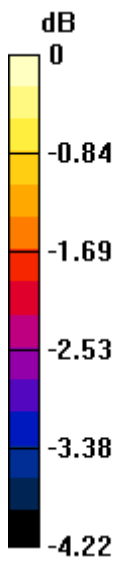
Grid 1 M4 21.14 dBV/m	Grid 2 M4 19.49 dBV/m	Grid 3 M4 20.06 dBV/m
Grid 4 M4 21.37 dBV/m	Grid 5 M4 19.92 dBV/m	Grid 6 M4 20.7 dBV/m
Grid 7 M4 22.01 dBV/m	Grid 8 M4 19.9 dBV/m	Grid 9 M4 20.7 dBV/m

Cursor:

Total = 22.01 dBV/m

E Category: M4

Location: 24, 25, 8.7 mm



0 dB = 12.61 V/m = 22.01 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch40185_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 9.518 V/m; Power Drift = -0.11 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.27 dBV/m

Emission category: M4

MIF scaled E-field

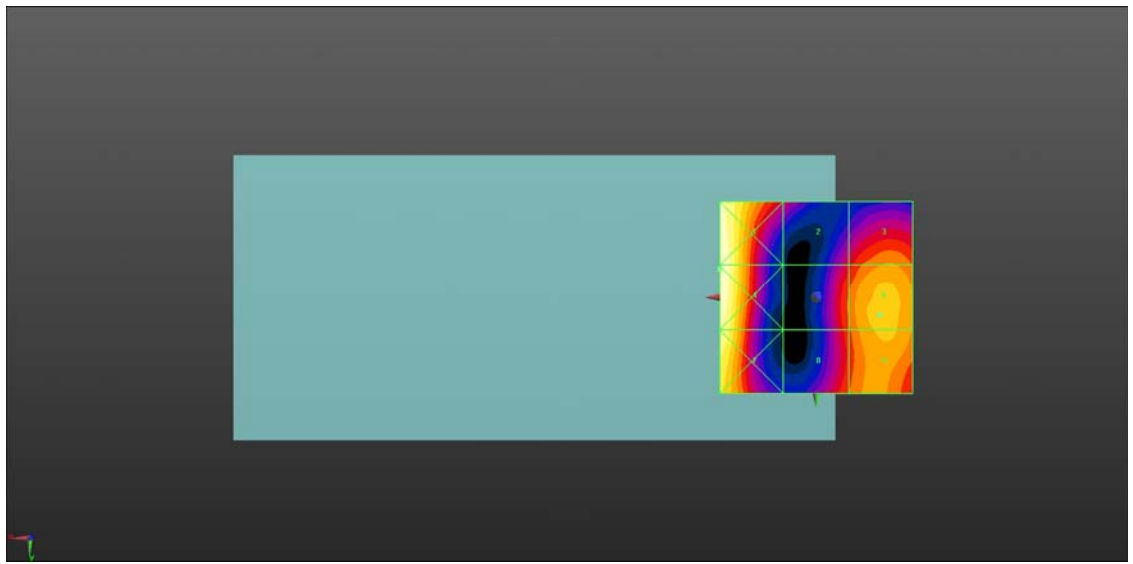
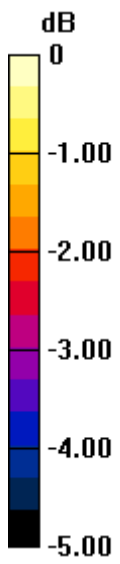
Grid 1 M4 21.43 dBV/m	Grid 2 M4 18.96 dBV/m	Grid 3 M4 19.83 dBV/m
Grid 4 M4 21.44 dBV/m	Grid 5 M4 19.54 dBV/m	Grid 6 M4 20.27 dBV/m
Grid 7 M4 21.08 dBV/m	Grid 8 M4 19.48 dBV/m	Grid 9 M4 20.19 dBV/m

Cursor:

Total = 21.44 dBV/m

E Category: M4

Location: 25, -7.5, 8.7 mm



0 dB = 11.80 V/m = 21.44 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch40620_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2593 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 7.844 V/m; Power Drift = 0.06 dB

Applied MIF = -1.62 dB

RF audio interference level = 18.93 dBV/m

Emission category: M4

MIF scaled E-field

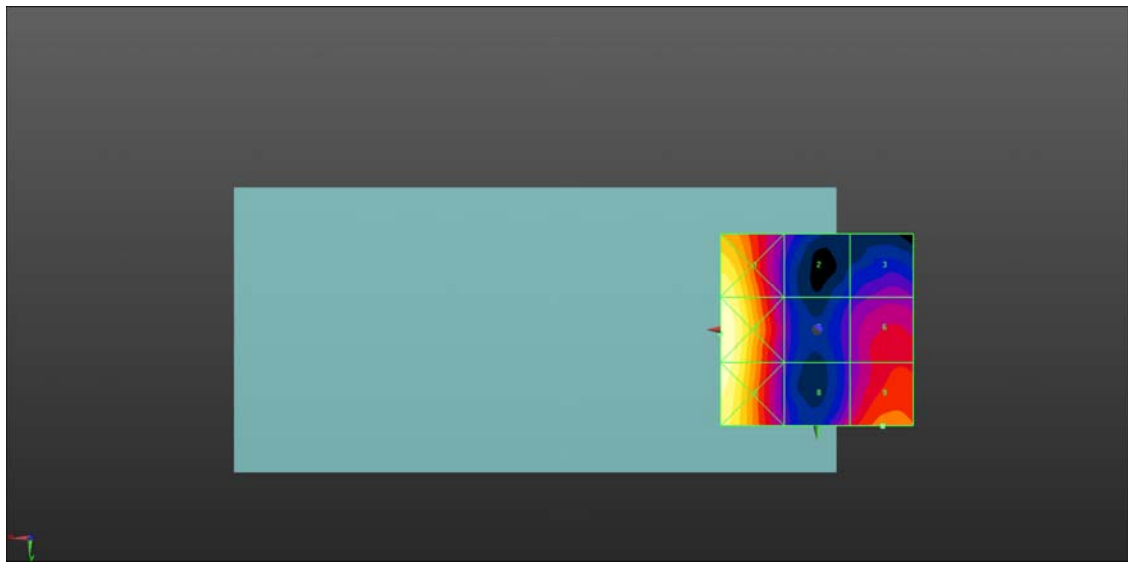
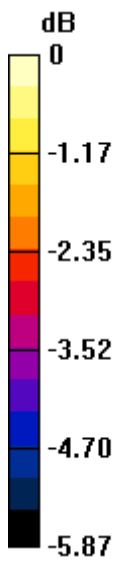
Grid 1 M4 20.73 dBV/m	Grid 2 M4 17.28 dBV/m	Grid 3 M4 17.47 dBV/m
Grid 4 M4 21.09 dBV/m	Grid 5 M4 17.41 dBV/m	Grid 6 M4 18.33 dBV/m
Grid 7 M4 20.98 dBV/m	Grid 8 M4 18.01 dBV/m	Grid 9 M4 18.93 dBV/m

Cursor:

Total = 21.09 dBV/m

E Category: M4

Location: 25, 1, 8.7 mm



0 dB = 11.34 V/m = 21.09 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch41055_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

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 = 9.435 V/m; Power Drift = -0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 18.34 dBV/m

Emission category: M4

MIF scaled E-field

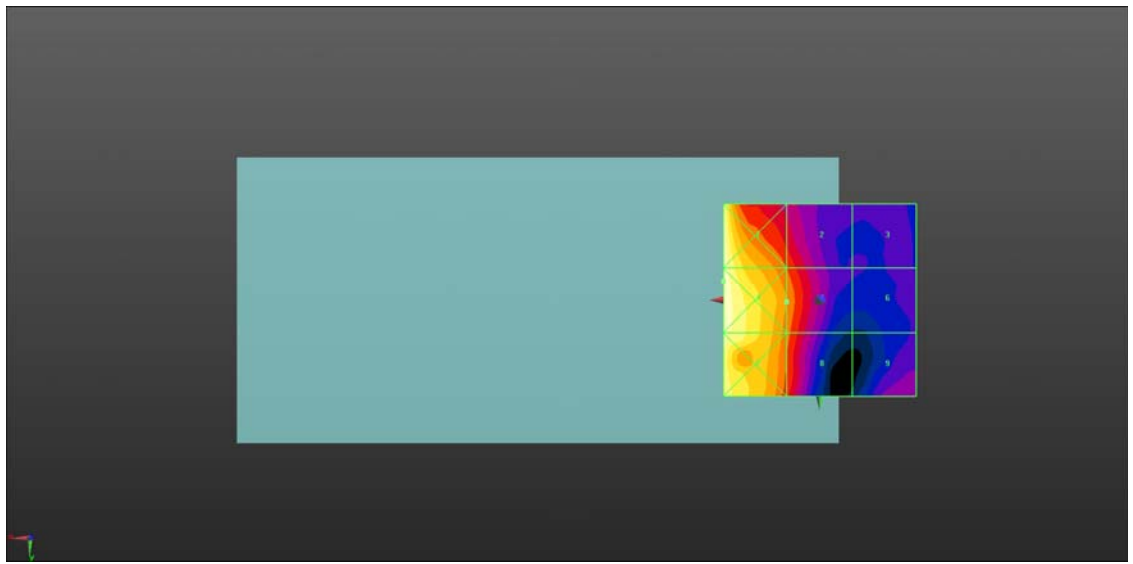
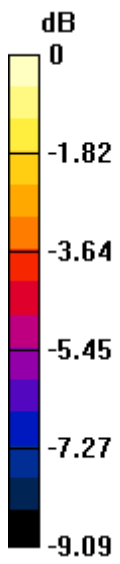
Grid 1 M4 21.38 dBV/m	Grid 2 M4 17.73 dBV/m	Grid 3 M4 15 dBV/m
Grid 4 M4 21.39 dBV/m	Grid 5 M4 18.34 dBV/m	Grid 6 M4 14.86 dBV/m
Grid 7 M4 21.12 dBV/m	Grid 8 M4 18.03 dBV/m	Grid 9 M4 15.92 dBV/m

Cursor:

Total = 21.39 dBV/m

E Category: M4

Location: 25, -5, 8.7 mm



0 dB = 11.74 V/m = 21.39 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch41490_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2680 MHz; Duty Cycle: 1:1.59

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 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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)

Ch41490/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 = 9.133 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 18.35 dBV/m

Emission category: M4

MIF scaled E-field

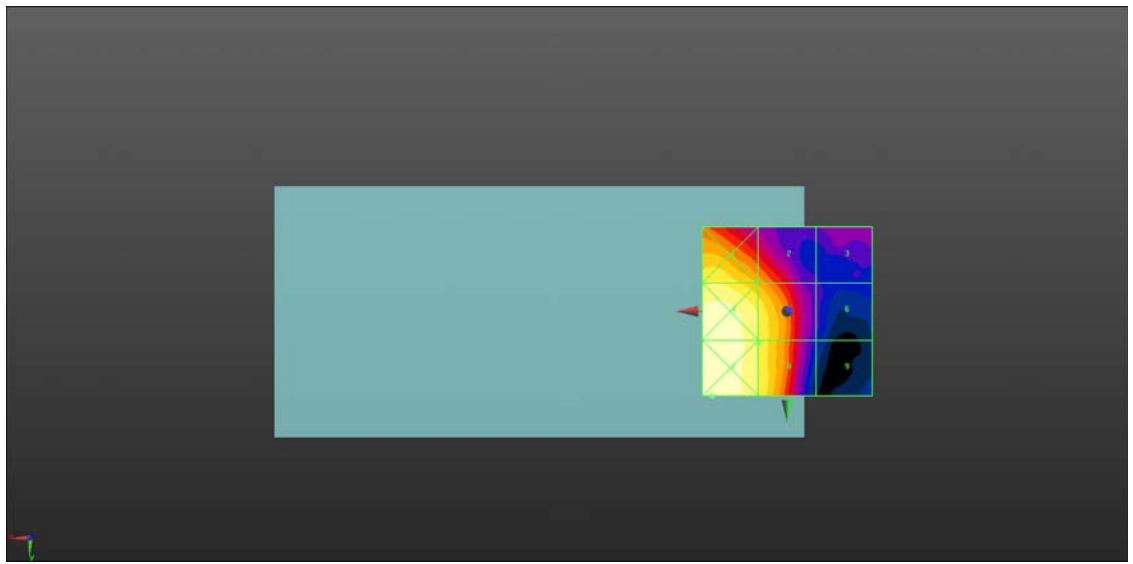
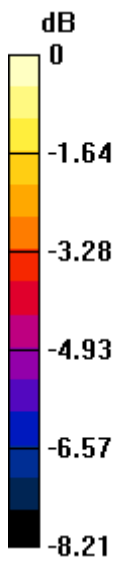
Grid 1 M4 18.37 dBV/m	Grid 2 M4 17.11 dBV/m	Grid 3 M4 14.41 dBV/m
Grid 4 M4 19.33 dBV/m	Grid 5 M4 18.34 dBV/m	Grid 6 M4 13.72 dBV/m
Grid 7 M4 19.42 dBV/m	Grid 8 M4 18.35 dBV/m	Grid 9 M4 13.25 dBV/m

Cursor:

Total = 19.42 dBV/m

E Category: M4

Location: 22, 25, 8.7 mm



0 dB = 9.350 V/m = 19.42 dBV/m