

01_HAC RF_GSM850_GSM Voice_Ch128

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 54.85 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.82 dBV/m

Emission category: M4

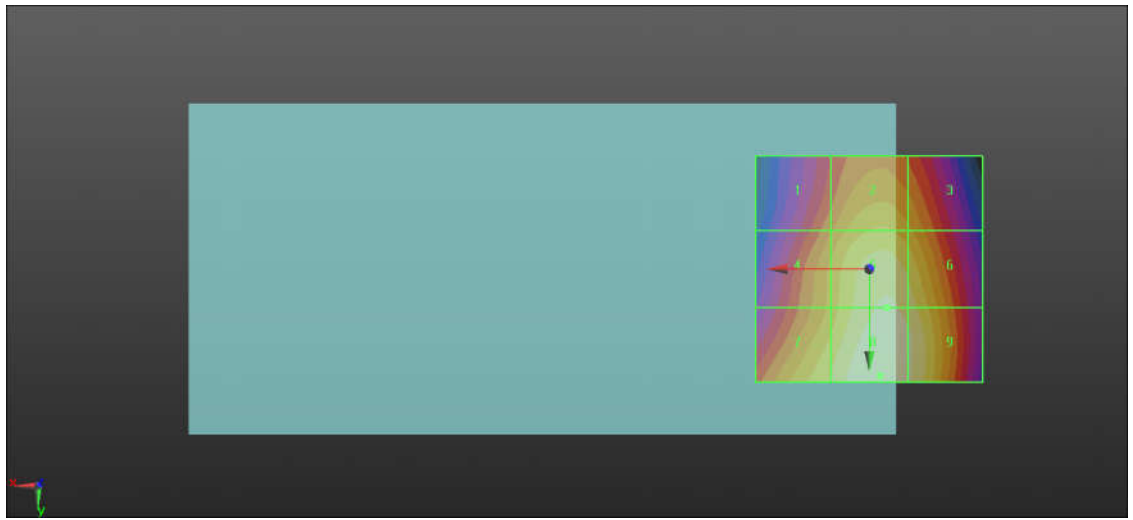
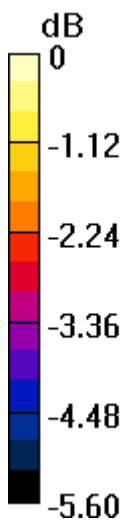
MIF scaled E-field

Grid 1 M4 34.92 dBV/m	Grid 2 M4 35.76 dBV/m	Grid 3 M4 35.44 dBV/m
Grid 4 M4 35.48 dBV/m	Grid 5 M4 36.52 dBV/m	Grid 6 M4 36.3 dBV/m
Grid 7 M4 36.13 dBV/m	Grid 8 M4 36.82 dBV/m	Grid 9 M4 36.56 dBV/m

Total = 36.82 dBV/m

E Category: M4

Location: -2.5, 23.5, 8.7 mm



0 dB = 69.31 V/m = 36.82 dBV/m

02_HAC RF_GSM850_GSM Voice_Ch189

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 51.12 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.57 dBV/m

Emission category: M4

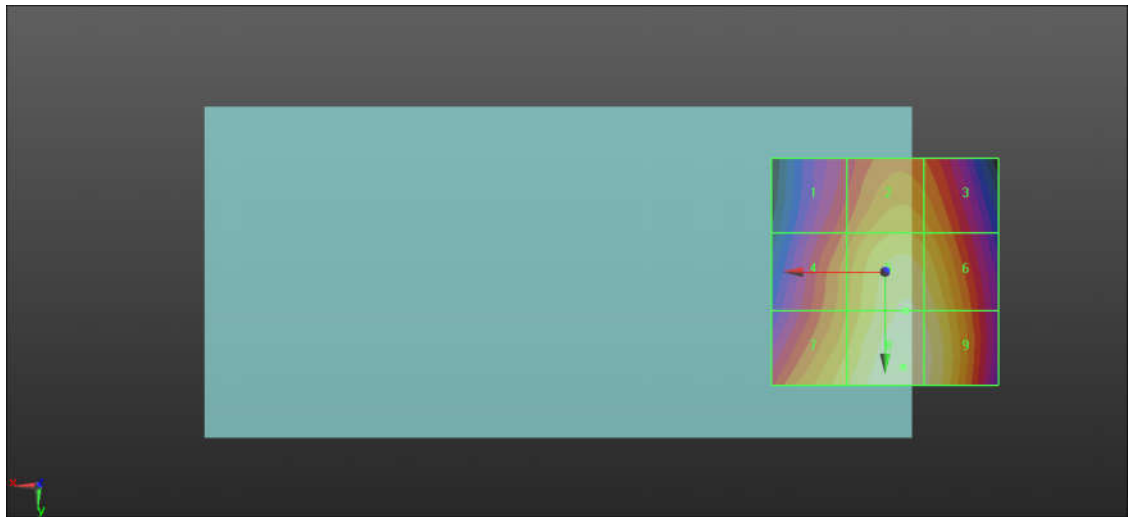
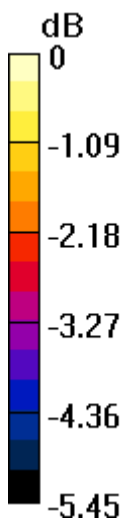
MIF scaled E-field

Grid 1 M4 34.49 dBV/m	Grid 2 M4 35.52 dBV/m	Grid 3 M4 35.31 dBV/m
Grid 4 M4 35.1 dBV/m	Grid 5 M4 36.28 dBV/m	Grid 6 M4 36.14 dBV/m
Grid 7 M4 35.8 dBV/m	Grid 8 M4 36.57 dBV/m	Grid 9 M4 36.4 dBV/m

Total = 36.57 dBV/m

E Category: M4

Location: -4, 21, 8.7 mm



0 dB = 67.34 V/m = 36.57 dBV/m

03_HAC RF_GSM850_GSM Voice_Ch251

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 45.84 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.43 dBV/m

Emission category: M4

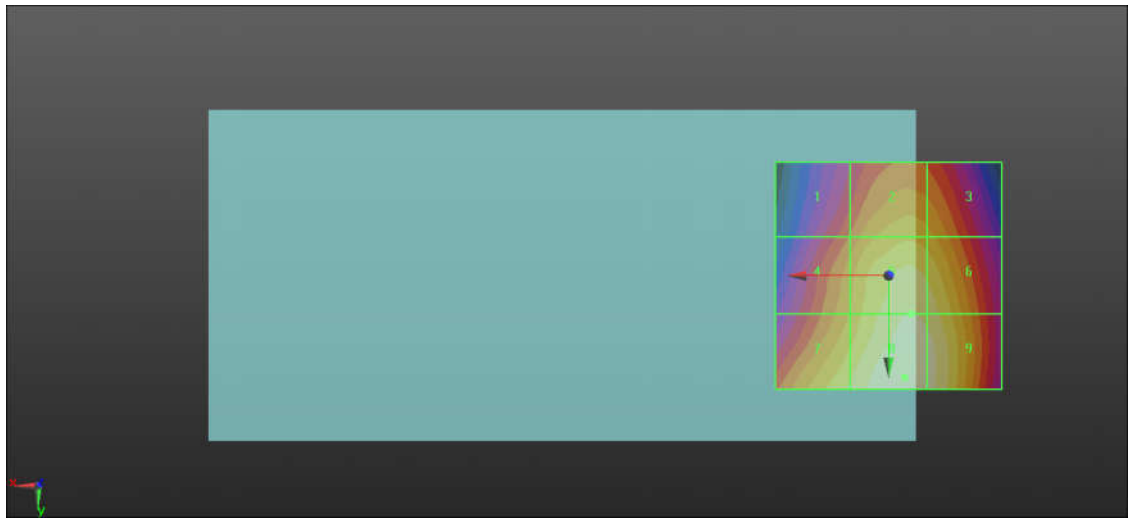
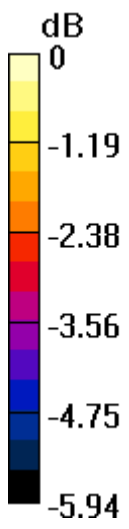
MIF scaled E-field

Grid 1 M4 33.12 dBV/m	Grid 2 M4 34.19 dBV/m	Grid 3 M4 34.03 dBV/m
Grid 4 M4 33.9 dBV/m	Grid 5 M4 35.05 dBV/m	Grid 6 M4 34.91 dBV/m
Grid 7 M4 34.73 dBV/m	Grid 8 M4 35.43 dBV/m	Grid 9 M4 35.23 dBV/m

Total = 35.43 dBV/m

E Category: M4

Location: -3.5, 22.5, 8.7 mm



0 dB = 59.08 V/m = 35.43 dBV/m

04_HAC RF_GSM1900_GSM Voice_Ch512

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 11.35 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.69 dBV/m

Emission category: M4

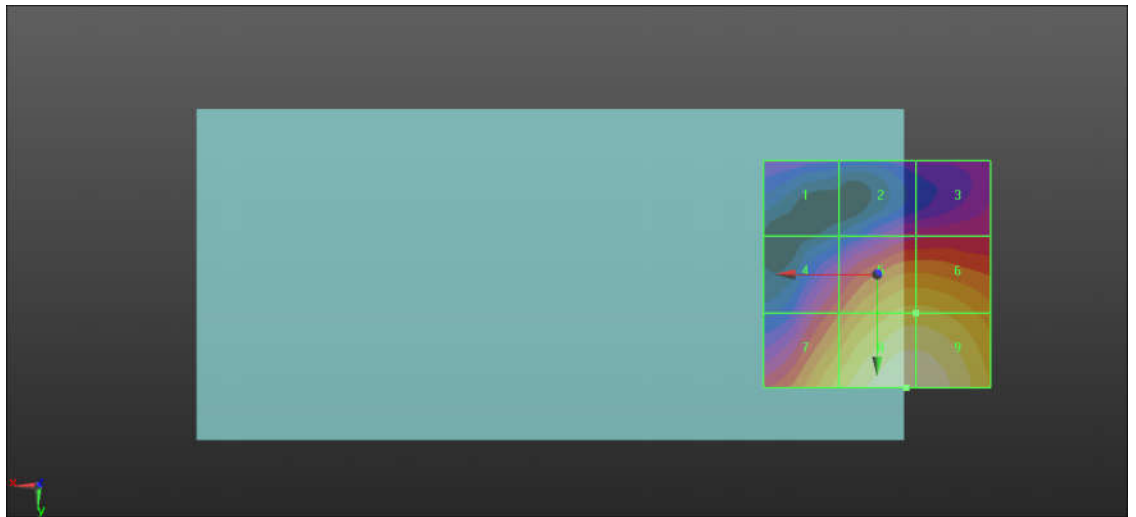
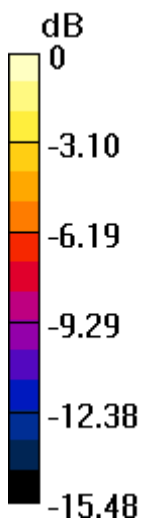
MIF scaled E-field

Grid 1 M4 18.6 dBV/m	Grid 2 M4 20.04 dBV/m	Grid 3 M4 20.47 dBV/m
Grid 4 M4 22.44 dBV/m	Grid 5 M4 26.02 dBV/m	Grid 6 M4 26.02 dBV/m
Grid 7 M4 26.14 dBV/m	Grid 8 M4 28.69 dBV/m	Grid 9 M4 28.64 dBV/m

Total = 28.69 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



0 dB = 27.20 V/m = 28.69 dBV/m

05_HAC RF_GSM1900_GSM Voice_Ch661

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.85 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.48 dBV/m

Emission category: M4

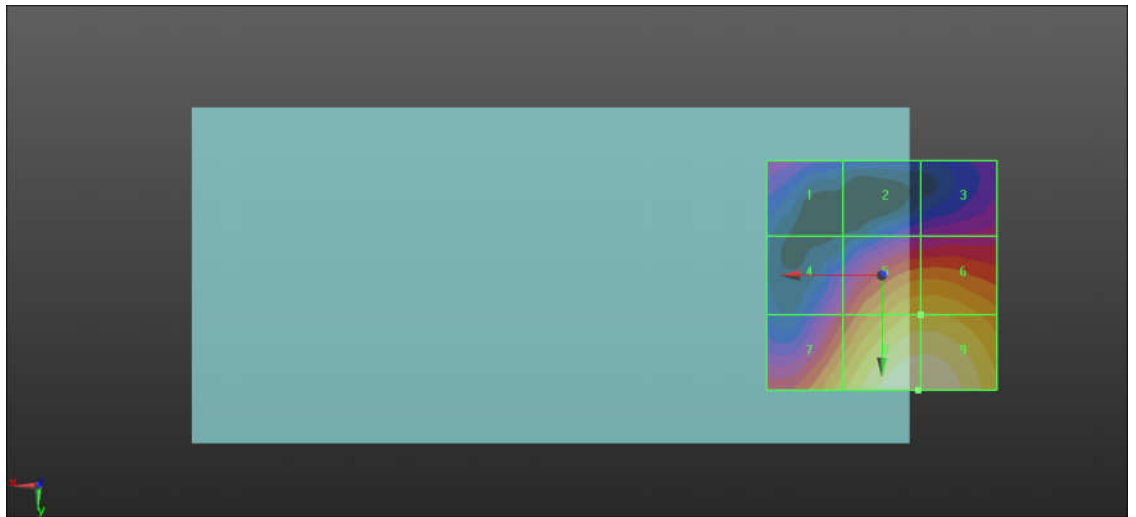
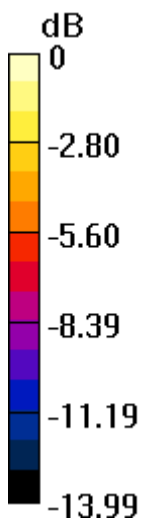
MIF scaled E-field

Grid 1 M4 18.99 dBV/m	Grid 2 M4 18.73 dBV/m	Grid 3 M4 19.58 dBV/m
Grid 4 M4 20.55 dBV/m	Grid 5 M4 24.79 dBV/m	Grid 6 M4 24.8 dBV/m
Grid 7 M4 24.44 dBV/m	Grid 8 M4 27.48 dBV/m	Grid 9 M4 27.47 dBV/m

Total = 27.48 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 23.65 V/m = 27.48 dBV/m

06_HAC RF_GSM1900_GSM Voice_Ch810

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 8.936 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.82 dBV/m

Emission category: M4

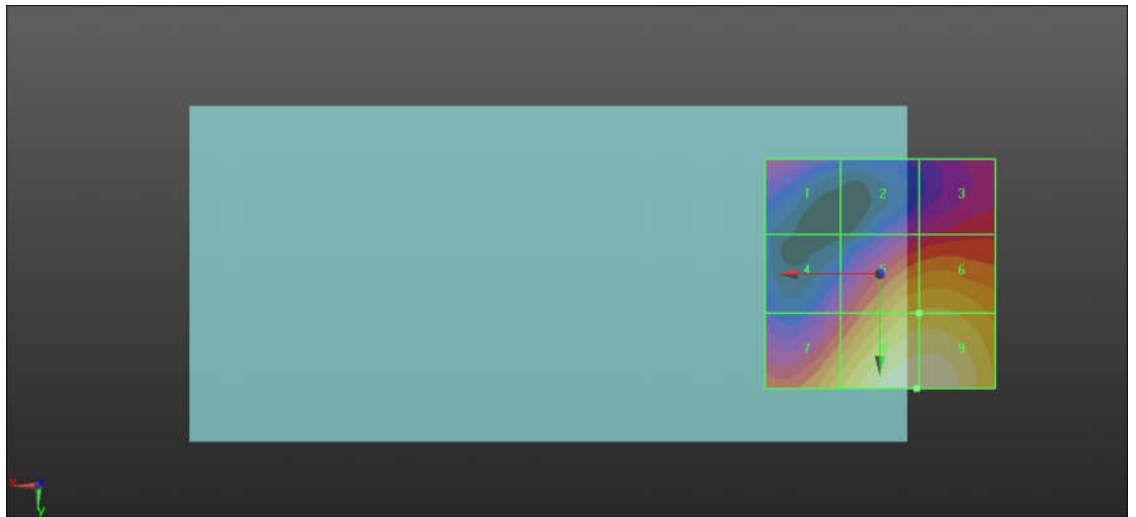
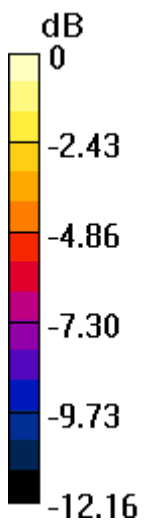
MIF scaled E-field

Grid 1 M4 20.09 dBV/m	Grid 2 M4 20.05 dBV/m	Grid 3 M4 21.06 dBV/m
Grid 4 M4 20.3 dBV/m	Grid 5 M4 24.55 dBV/m	Grid 6 M4 24.63 dBV/m
Grid 7 M4 24.35 dBV/m	Grid 8 M4 26.82 dBV/m	Grid 9 M4 26.82 dBV/m

Total = 26.82 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 21.94 V/m = 26.82 dBV/m

07_HAC RF_CDMA BC0_RC1 SO3_Ch1013

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 16.86 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.44 dBV/m

Emission category: M4

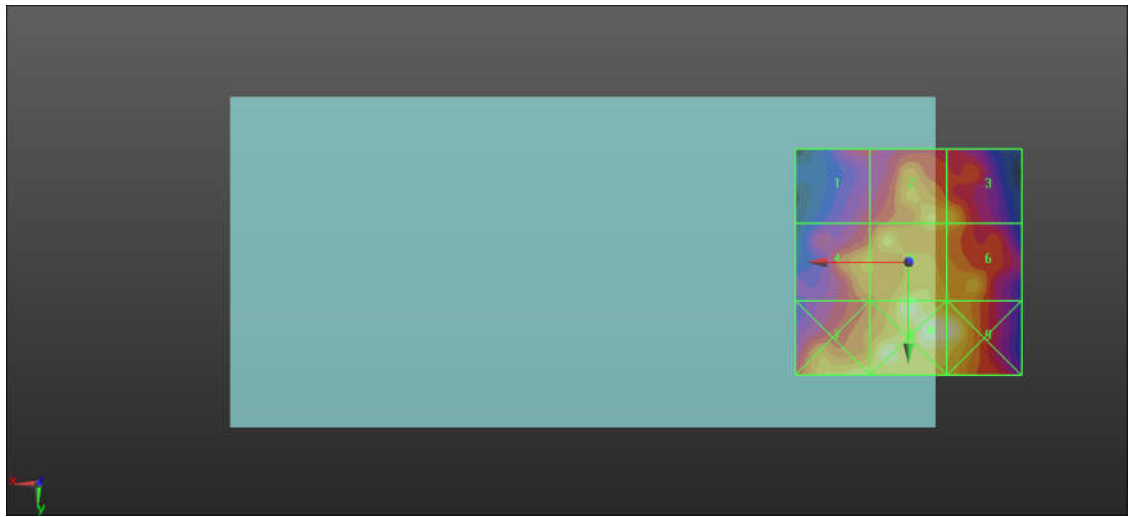
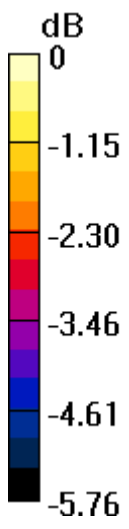
MIF scaled E-field

Grid 1 M4 24.37 dBV/m	Grid 2 M4 25.92 dBV/m	Grid 3 M4 25.73 dBV/m
Grid 4 M4 25.63 dBV/m	Grid 5 M4 26.44 dBV/m	Grid 6 M4 25.72 dBV/m
Grid 7 M4 26.47 dBV/m	Grid 8 M4 26.99 dBV/m	Grid 9 M4 26.86 dBV/m

Total = 26.99 dBV/m

E Category: M4

Location: -5, 15, 8.7 mm



0 dB = 22.37 V/m = 26.99 dBV/m

08_HAC RF_CDMA BC0_RC1 SO3_Ch384

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 17.89 V/m; Power Drift = 0.14 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.71 dBV/m

Emission category: M4

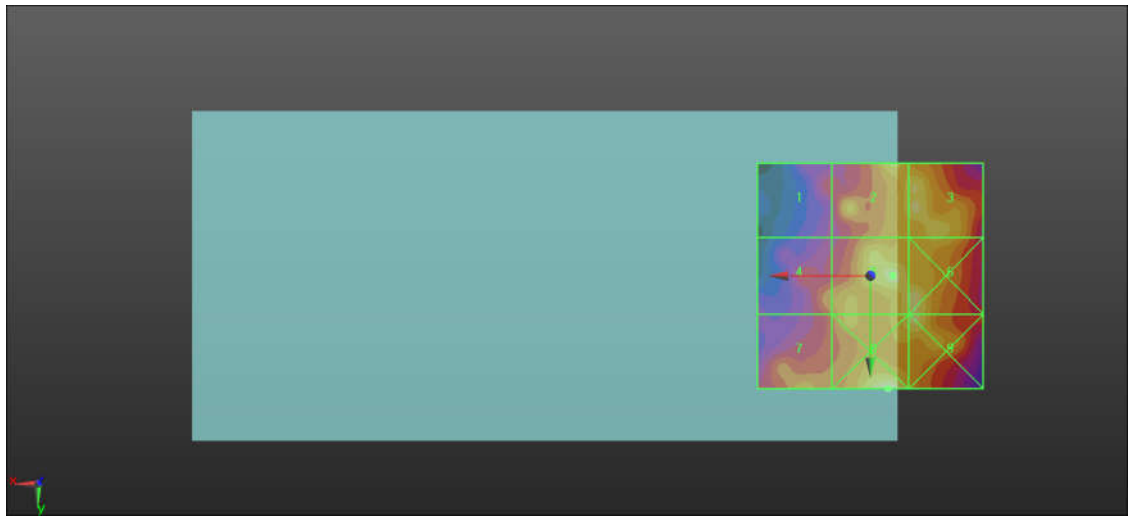
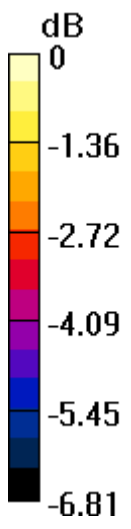
MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 27.39 dBV/m	Grid 3 M4 27.61 dBV/m
Grid 4 M4 26.12 dBV/m	Grid 5 M4 27.71 dBV/m	Grid 6 M4 27.74 dBV/m
Grid 7 M4 26.56 dBV/m	Grid 8 M4 28.41 dBV/m	Grid 9 M4 27.64 dBV/m

Total = 28.41 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 26.33 V/m = 28.41 dBV/m

09_HAC RF_CDMA BC0_RC1 SO3_Ch777

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 15.52 V/m; Power Drift = -0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 30.15 dBV/m

Emission category: M4

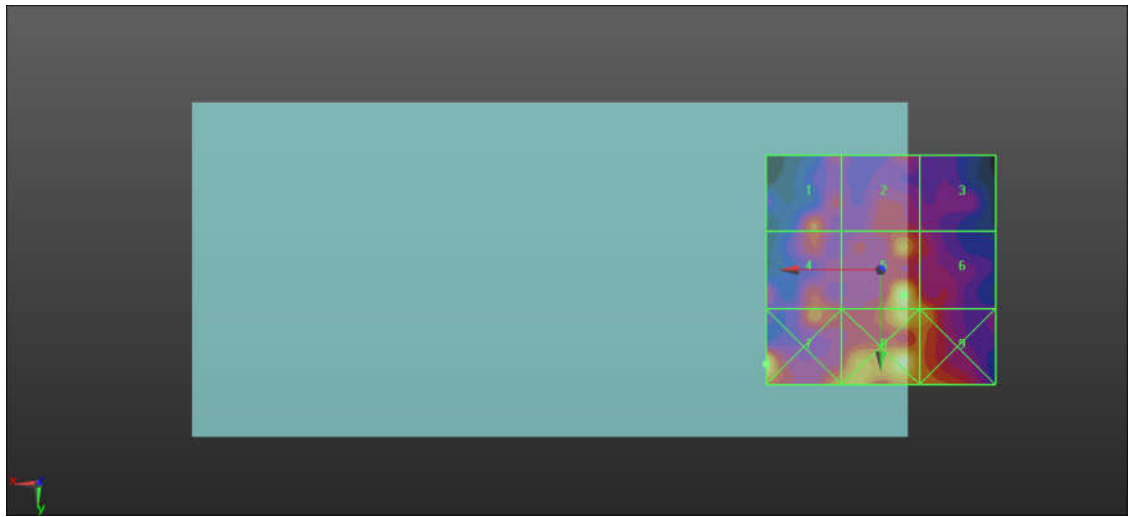
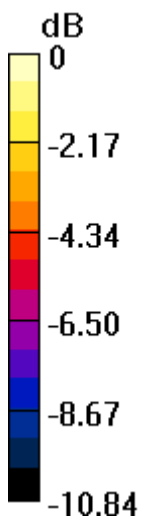
MIF scaled E-field

Grid 1 M4 26.66 dBV/m	Grid 2 M4 25.73 dBV/m	Grid 3 M4 24.82 dBV/m
Grid 4 M4 26.63 dBV/m	Grid 5 M4 30.15 dBV/m	Grid 6 M4 27.7 dBV/m
Grid 7 M4 30.75 dBV/m	Grid 8 M4 30.39 dBV/m	Grid 9 M4 27.89 dBV/m

Total = 30.75 dBV/m

E Category: M4

Location: 25, 20.5, 8.7 mm



0 dB = 34.49 V/m = 30.75 dBV/m

10_HAC RF_CDMA BC1_RC1 SO3_Ch25

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 15.57 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.10 dBV/m

Emission category: M4

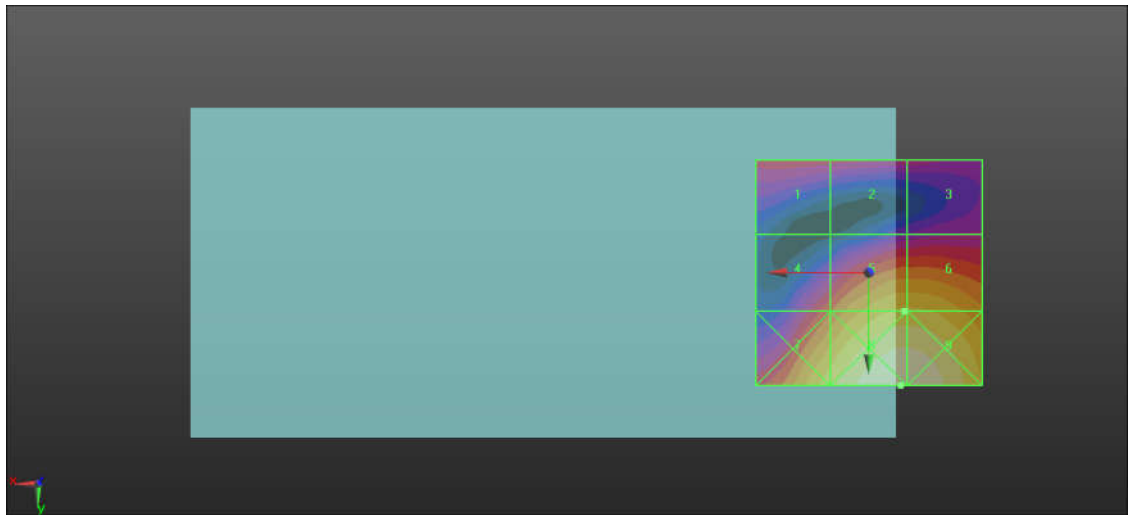
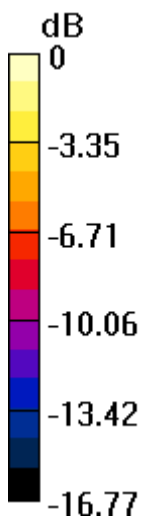
MIF scaled E-field

Grid 1 M4 24.15 dBV/m	Grid 2 M4 23.89 dBV/m	Grid 3 M4 23.26 dBV/m
Grid 4 M4 25.42 dBV/m	Grid 5 M4 29.1 dBV/m	Grid 6 M4 29.09 dBV/m
Grid 7 M4 29.73 dBV/m	Grid 8 M3 32.2 dBV/m	Grid 9 M3 32.18 dBV/m

Total = 32.20 dBV/m

E Category: M3

Location: -7, 25, 8.7 mm



0 dB = 40.75 V/m = 32.20 dBV/m

11_HAC RF_CDMA BC1_RC1 SO3_Ch600

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; 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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 14.52 V/m; Power Drift = -0.19 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.22 dBV/m

Emission category: M4

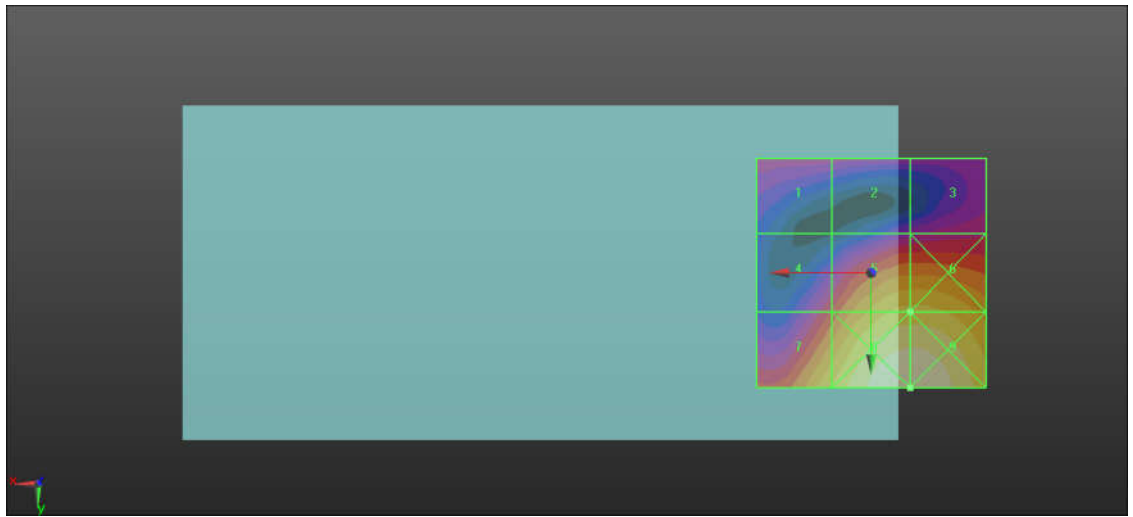
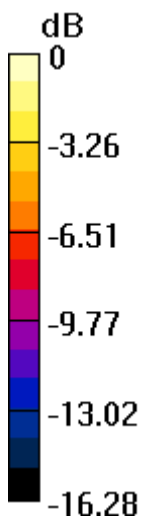
MIF scaled E-field

Grid 1 M4 22.4 dBV/m	Grid 2 M4 22.1 dBV/m	Grid 3 M4 22.28 dBV/m
Grid 4 M4 23.79 dBV/m	Grid 5 M4 28.22 dBV/m	Grid 6 M4 28.23 dBV/m
Grid 7 M4 28.01 dBV/m	Grid 8 M3 31.09 dBV/m	Grid 9 M3 31.09 dBV/m

Total = 31.09 dBV/m

E Category: M3

Location: -8.5, 25, 8.7 mm



0 dB = 35.83 V/m = 31.08 dBV/m

12_HAC RF_CDMA BC1_RC1 SO3_Ch1175

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 13.02 V/m; Power Drift = -0.14 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.03 dBV/m

Emission category: M4

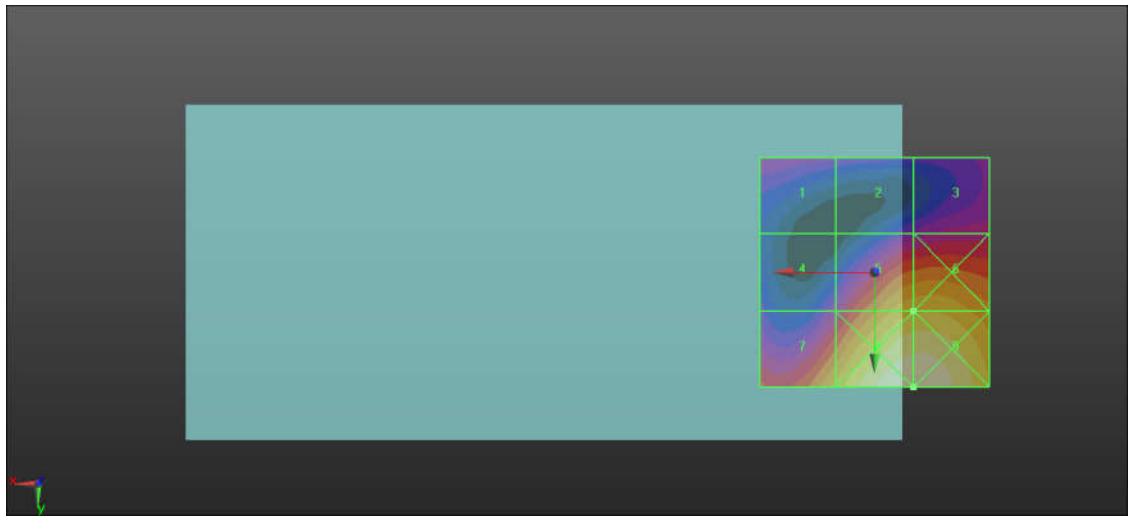
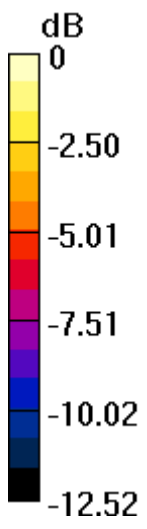
MIF scaled E-field

Grid 1 M4 23.38 dBV/m	Grid 2 M4 22.71 dBV/m	Grid 3 M4 23.64 dBV/m
Grid 4 M4 23.19 dBV/m	Grid 5 M4 28.03 dBV/m	Grid 6 M4 28.14 dBV/m
Grid 7 M4 27.6 dBV/m	Grid 8 M3 30.66 dBV/m	Grid 9 M3 30.66 dBV/m

Total = 30.66 dBV/m

E Category: M3

Location: -8.5, 25, 8.7 mm



0 dB = 34.10 V/m = 30.66 dBV/m

13_HAC RF_CDMA BC10_RC1 SO3_Ch476

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 65.33 V/m; Power Drift = -0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 37.30 dBV/m

Emission category: M4

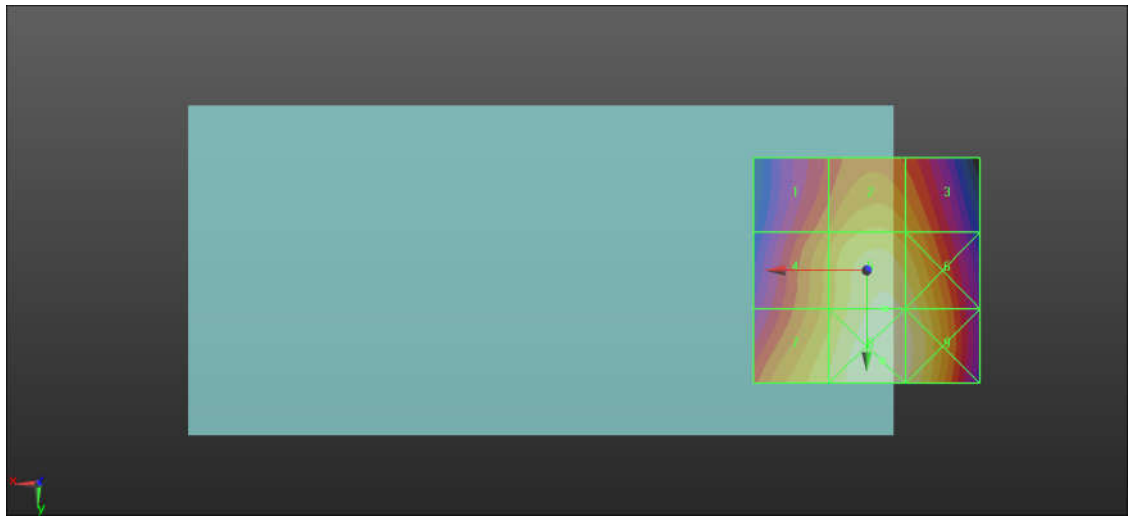
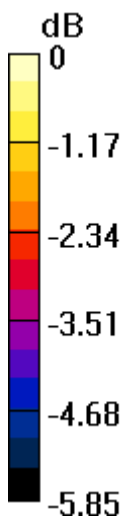
MIF scaled E-field

Grid 1 M4 35.68 dBV/m	Grid 2 M4 36.48 dBV/m	Grid 3 M4 36.16 dBV/m
Grid 4 M4 36.23 dBV/m	Grid 5 M4 37.3 dBV/m	Grid 6 M4 37.12 dBV/m
Grid 7 M4 36.82 dBV/m	Grid 8 M4 37.55 dBV/m	Grid 9 M4 37.36 dBV/m

Total = 37.55 dBV/m

E Category: M4

Location: -3.5, 20, 8.7 mm



0 dB = 75.42 V/m = 37.55 dBV/m

14_HAC RF_CDMA BC10_RC1 SO3_Ch580

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 64.81 V/m; Power Drift = -0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 37.26 dBV/m

Emission category: M4

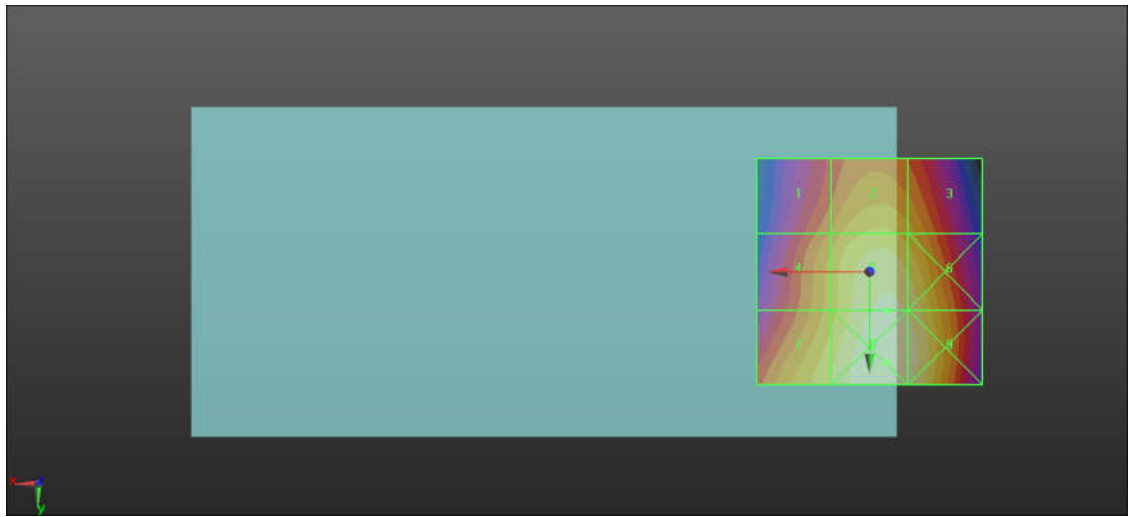
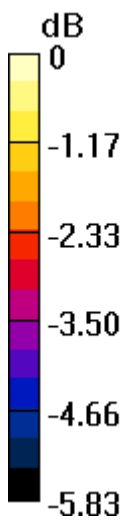
MIF scaled E-field

Grid 1 M4 35.66 dBV/m	Grid 2 M4 36.47 dBV/m	Grid 3 M4 36.17 dBV/m
Grid 4 M4 36.21 dBV/m	Grid 5 M4 37.26 dBV/m	Grid 6 M4 37.09 dBV/m
Grid 7 M4 36.76 dBV/m	Grid 8 M4 37.52 dBV/m	Grid 9 M4 37.37 dBV/m

Total = 37.52 dBV/m

E Category: M4

Location: -3.5, 20, 8.7 mm



0 dB = 75.14 V/m = 37.52 dBV/m

15_HAC_RF_CDMA_BC10_RC1_SO3_Ch684

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 63.82 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 37.20 dBV/m

Emission category: M4

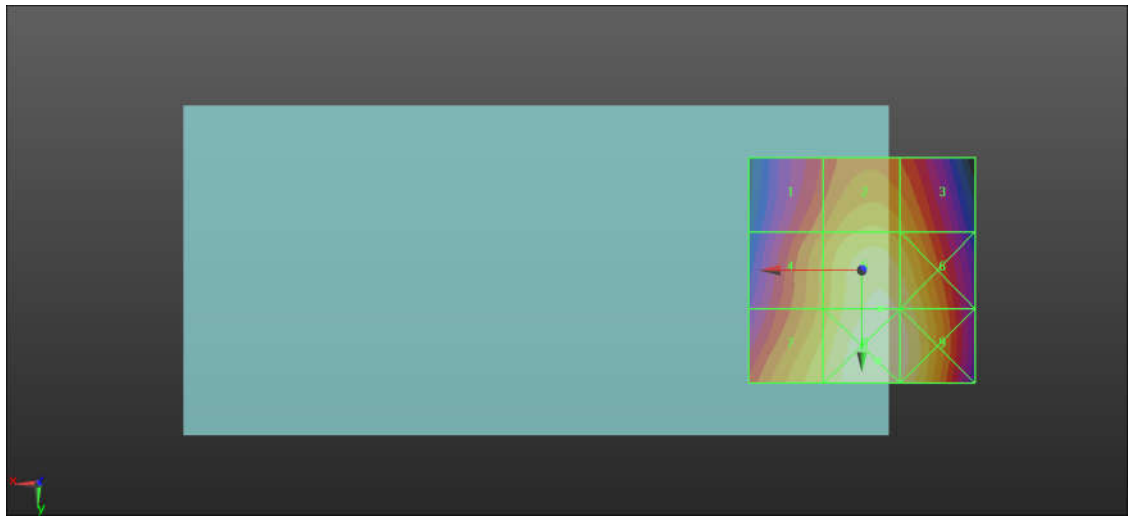
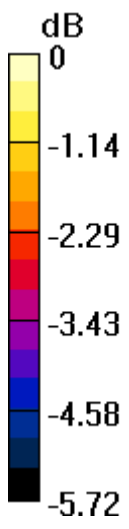
MIF scaled E-field

Grid 1 M4 35.59 dBV/m	Grid 2 M4 36.41 dBV/m	Grid 3 M4 36.11 dBV/m
Grid 4 M4 36.11 dBV/m	Grid 5 M4 37.2 dBV/m	Grid 6 M4 37.03 dBV/m
Grid 7 M4 36.69 dBV/m	Grid 8 M4 37.44 dBV/m	Grid 9 M4 37.26 dBV/m

Total = 37.44 dBV/m

E Category: M4

Location: -3.5, 20, 8.7 mm



0 dB = 74.46 V/m = 37.44 dBV/m

16_HAC RF_LTE Band 38_20M_QPSK_1RB_99offset_Ch37850

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.21 V/m; Power Drift = -0.09 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.50 dBV/m

Emission category: M4

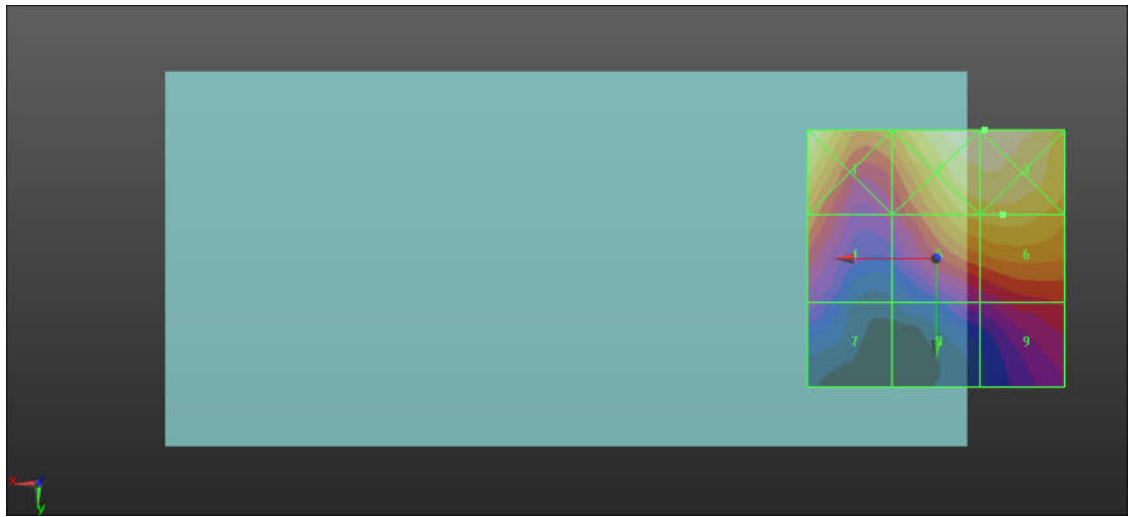
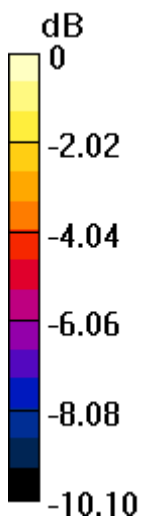
MIF scaled E-field

Grid 1 M4 21.73 dBV/m	Grid 2 M4 22.11 dBV/m	Grid 3 M4 22.14 dBV/m
Grid 4 M4 18.85 dBV/m	Grid 5 M4 20.35 dBV/m	Grid 6 M4 20.5 dBV/m
Grid 7 M4 15.78 dBV/m	Grid 8 M4 16.03 dBV/m	Grid 9 M4 17.54 dBV/m

Total = 22.14 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 12.80 V/m = 22.14 dBV/m

17_HAC RF_LTE Band 38_20M_QPSK_1RB_99offset_Ch38000

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2595 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.22 V/m; Power Drift = -0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.44 dBV/m

Emission category: M4

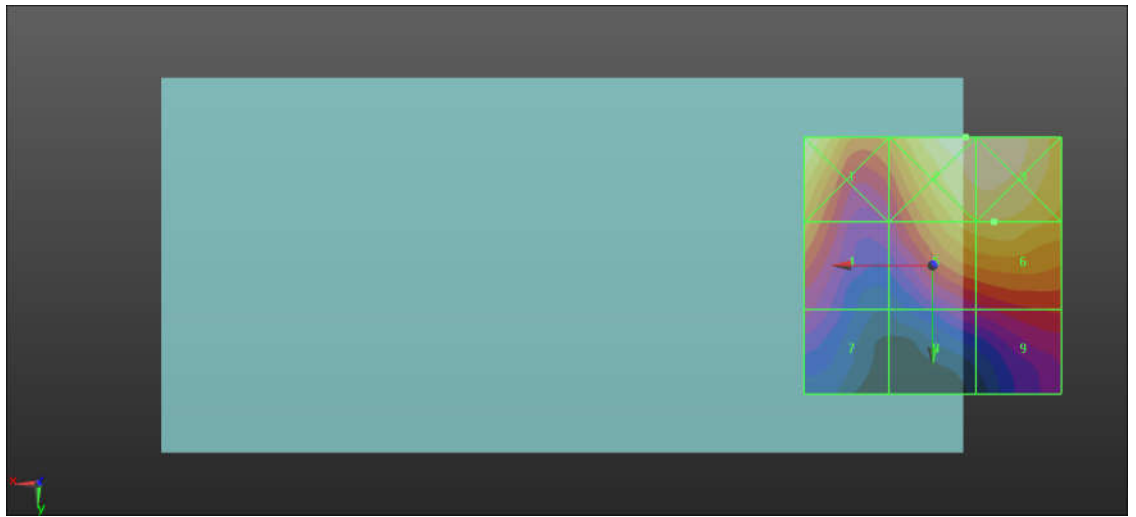
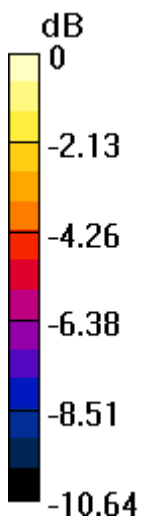
MIF scaled E-field

Grid 1 M4 21.64 dBV/m	Grid 2 M4 21.89 dBV/m	Grid 3 M4 21.86 dBV/m
Grid 4 M4 18.84 dBV/m	Grid 5 M4 20.29 dBV/m	Grid 6 M4 20.44 dBV/m
Grid 7 M4 15.81 dBV/m	Grid 8 M4 15.89 dBV/m	Grid 9 M4 17.09 dBV/m

Total = 21.89 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 12.43 V/m = 21.89 dBV/m

18_HAC RF_LTE Band 38_20M_QPSK_1RB_99offset_Ch38150

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 2610 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.58 V/m; Power Drift = 0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.34 dBV/m

Emission category: M4

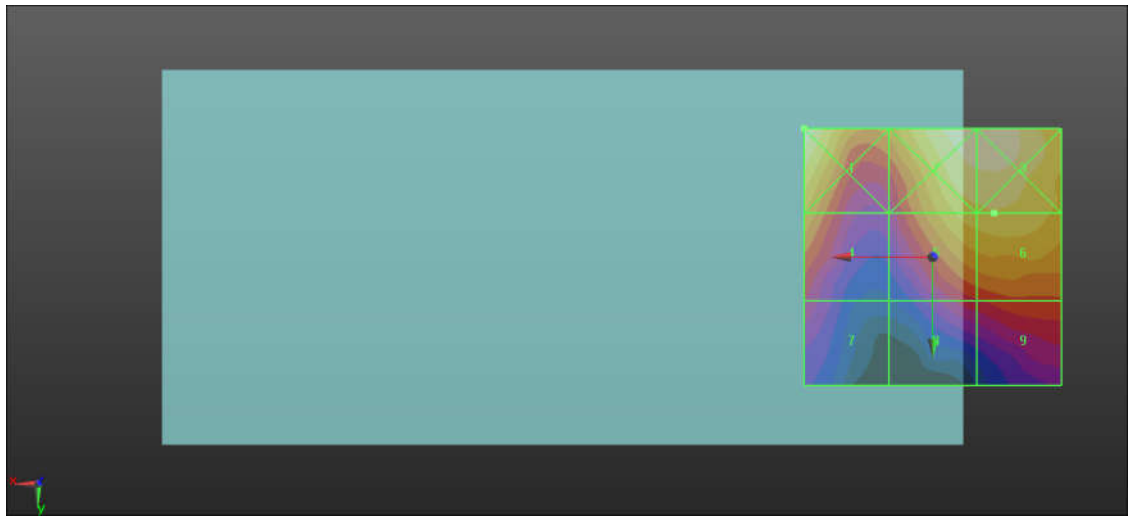
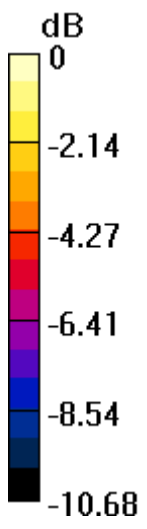
MIF scaled E-field

Grid 1 M4 21.86 dBV/m	Grid 2 M4 21.64 dBV/m	Grid 3 M4 21.61 dBV/m
Grid 4 M4 19.09 dBV/m	Grid 5 M4 20.2 dBV/m	Grid 6 M4 20.34 dBV/m
Grid 7 M4 16.25 dBV/m	Grid 8 M4 16.79 dBV/m	Grid 9 M4 17.52 dBV/m

Total = 21.86 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 12.39 V/m = 21.86 dBV/m

19_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch39750

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 5.855 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 15.82 dBV/m

Emission category: M4

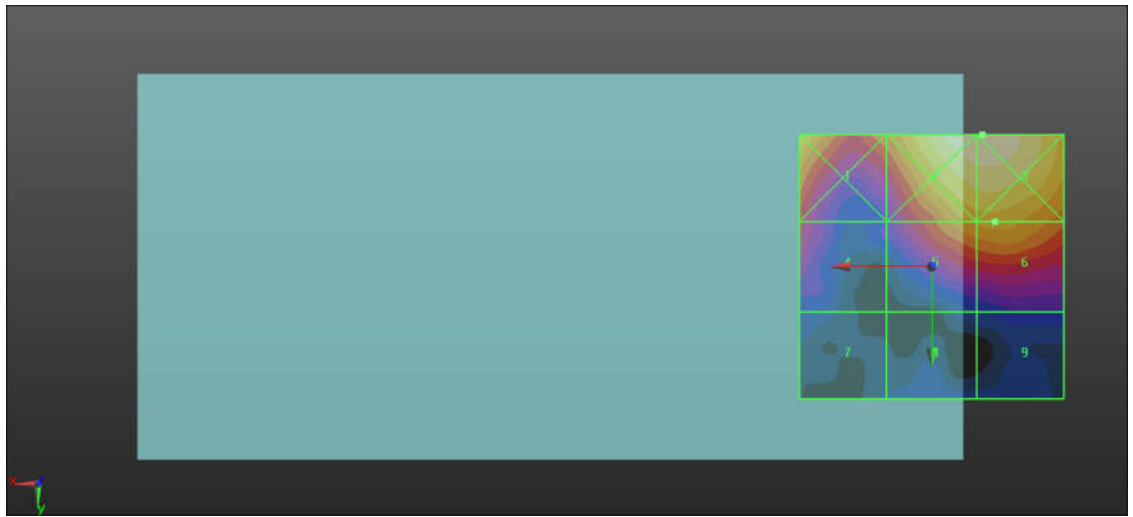
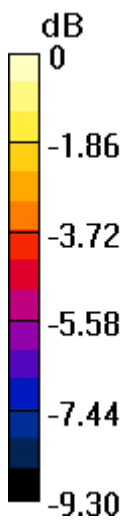
MIF scaled E-field

Grid 1 M4 16.61 dBV/m	Grid 2 M4 17.98 dBV/m	Grid 3 M4 18.01 dBV/m
Grid 4 M4 13.46 dBV/m	Grid 5 M4 15.67 dBV/m	Grid 6 M4 15.82 dBV/m
Grid 7 M4 10.92 dBV/m	Grid 8 M4 10.57 dBV/m	Grid 9 M4 11.15 dBV/m

Total = 18.01 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 7.948 V/m = 18.01 dBV/m

20_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch40185

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 9.152 V/m; Power Drift = -0.18 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.01 dBV/m

Emission category: M4

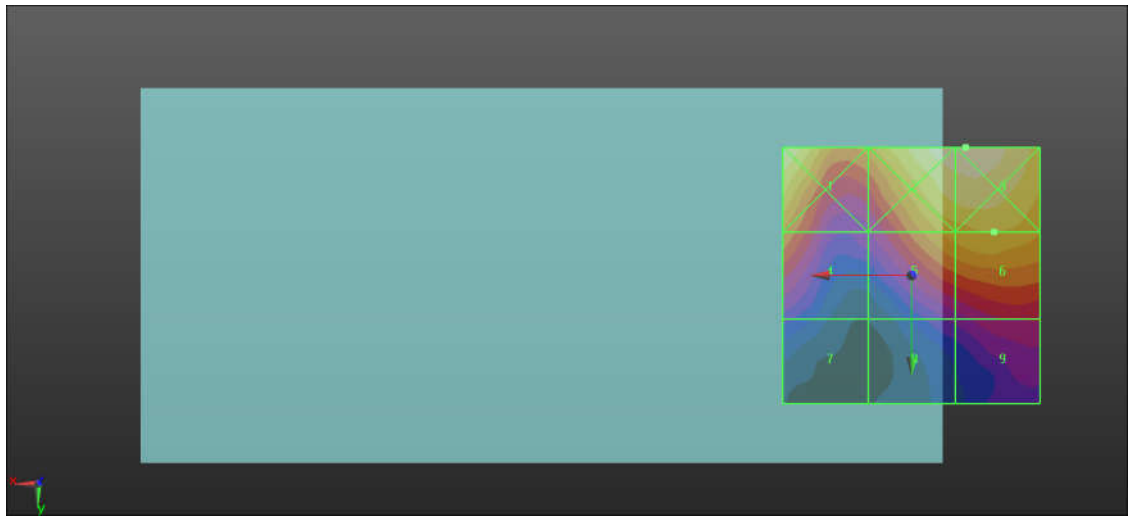
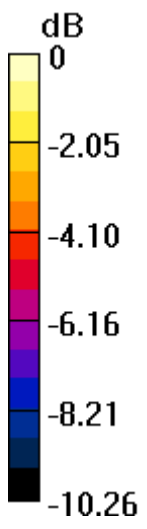
MIF scaled E-field

Grid 1 M4 21.81 dBV/m	Grid 2 M4 22.01 dBV/m	Grid 3 M4 22.06 dBV/m
Grid 4 M4 18.58 dBV/m	Grid 5 M4 19.67 dBV/m	Grid 6 M4 20.01 dBV/m
Grid 7 M4 14.85 dBV/m	Grid 8 M4 15.52 dBV/m	Grid 9 M4 16.67 dBV/m

Total = 22.06 dBV/m

E Category: M4

Location: -10.5, -25, 8.7 mm



0 dB = 12.67 V/m = 22.06 dBV/m

21_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch40620

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.55 V/m; Power Drift = -0.02 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.44 dBV/m

Emission category: M4

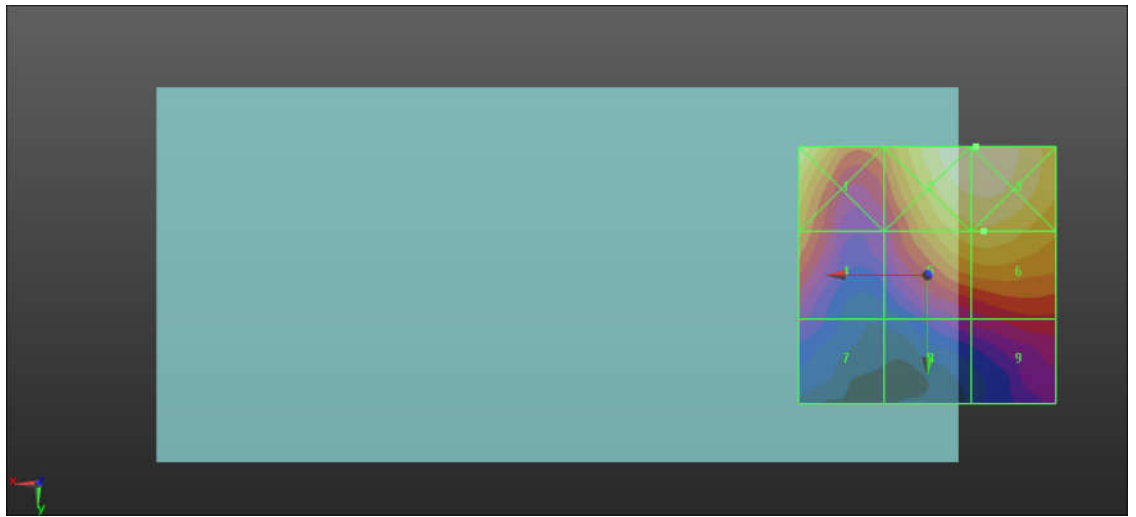
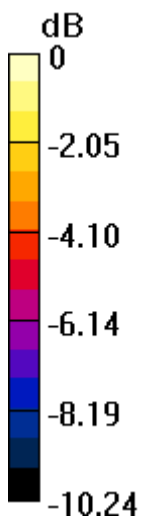
MIF scaled E-field

Grid 1 M4 21.58 dBV/m	Grid 2 M4 21.93 dBV/m	Grid 3 M4 21.94 dBV/m
Grid 4 M4 18.68 dBV/m	Grid 5 M4 20.34 dBV/m	Grid 6 M4 20.44 dBV/m
Grid 7 M4 15.46 dBV/m	Grid 8 M4 16.07 dBV/m	Grid 9 M4 17.06 dBV/m

Total = 21.94 dBV/m

E Category: M4

Location: -9.5, -25, 8.7 mm



0 dB = 12.50 V/m = 21.94 dBV/m

22_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch41055

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.48 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.25 dBV/m

Emission category: M4

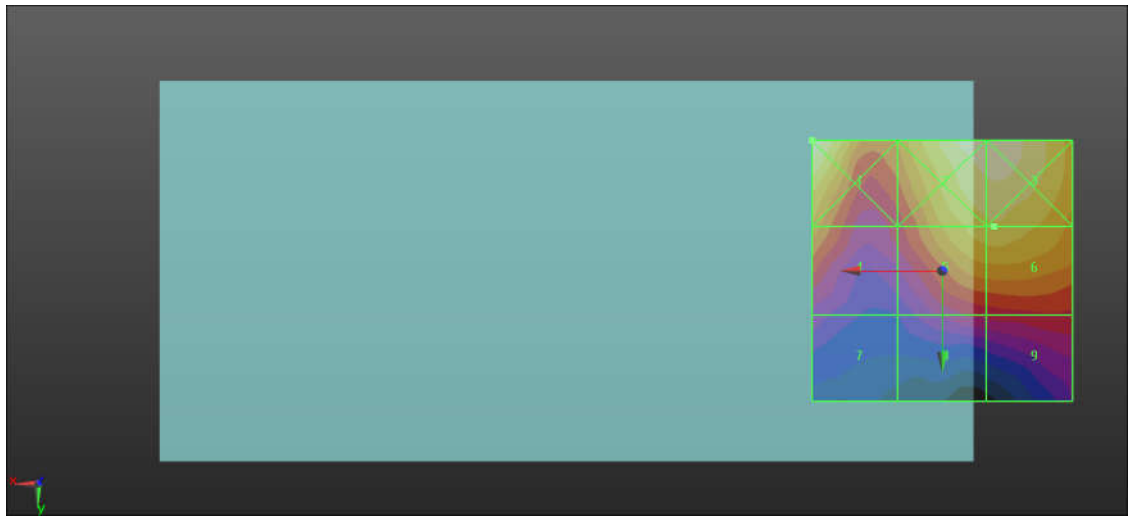
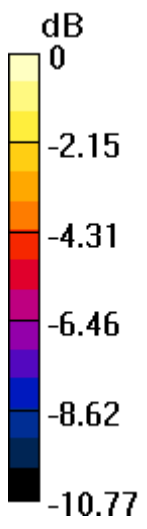
MIF scaled E-field

Grid 1 M4 21.82 dBV/m	Grid 2 M4 21.68 dBV/m	Grid 3 M4 21.68 dBV/m
Grid 4 M4 18.8 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 20.25 dBV/m
Grid 7 M4 15.27 dBV/m	Grid 8 M4 16.33 dBV/m	Grid 9 M4 16.74 dBV/m

Total = 21.82 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 12.34 V/m = 21.83 dBV/m

23_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch41490

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 13.40 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.52 dBV/m

Emission category: M4

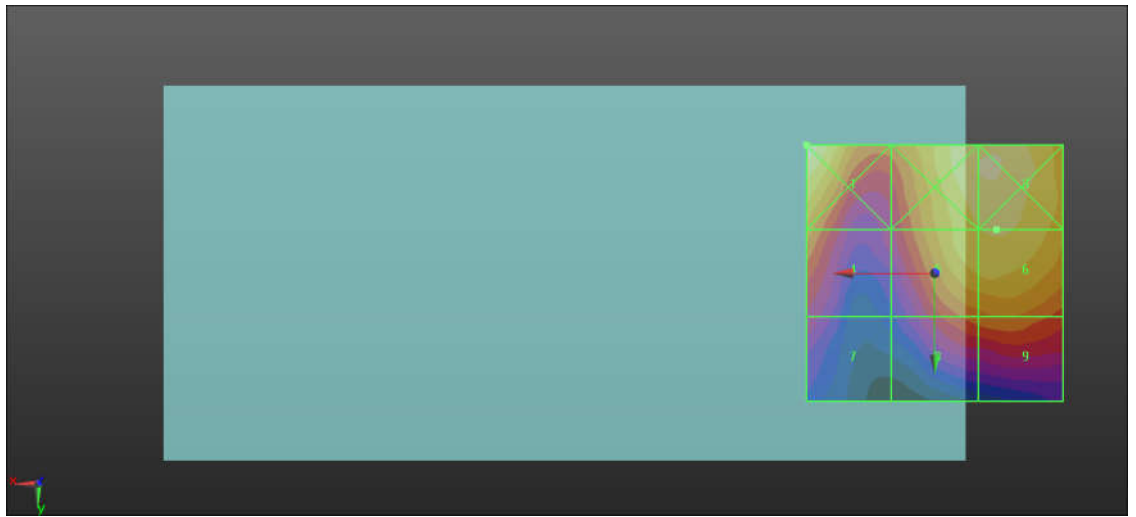
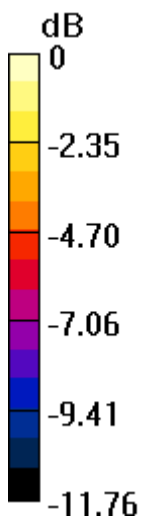
MIF scaled E-field

Grid 1 M4 22.98 dBV/m	Grid 2 M4 22.2 dBV/m	Grid 3 M4 22.31 dBV/m
Grid 4 M4 19.66 dBV/m	Grid 5 M4 21.37 dBV/m	Grid 6 M4 21.52 dBV/m
Grid 7 M4 16.67 dBV/m	Grid 8 M4 18.76 dBV/m	Grid 9 M4 19.08 dBV/m

Total = 22.98 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 14.09 V/m = 22.98 dBV/m

24_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch39750

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 6.891 V/m; Power Drift = -0.18 dB

Applied MIF = -1.62 dB

RF audio interference level = 17.10 dBV/m

Emission category: M4

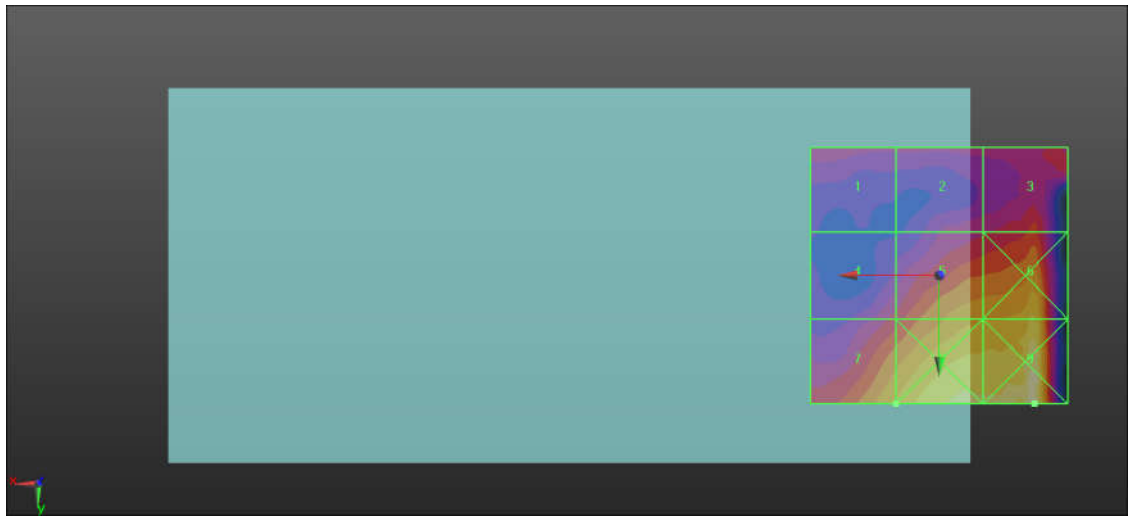
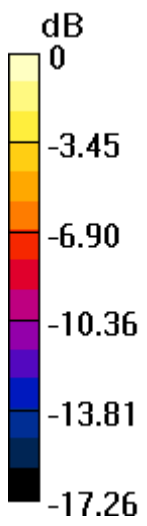
MIF scaled E-field

Grid 1 M4 12.25 dBV/m	Grid 2 M4 12.13 dBV/m	Grid 3 M4 13.78 dBV/m
Grid 4 M4 12.86 dBV/m	Grid 5 M4 16.75 dBV/m	Grid 6 M4 18.43 dBV/m
Grid 7 M4 17.1 dBV/m	Grid 8 M4 19.64 dBV/m	Grid 9 M4 21.48 dBV/m

Total = 21.48 dBV/m

E Category: M4

Location: -18.5, 25, 8.7 mm



0 dB = 11.86 V/m = 21.48 dBV/m

25_HAC_RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch40185

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017/6/23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017/7/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 9.168 V/m; Power Drift = -0.18 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.94 dBV/m

Emission category: M4

MIF scaled E-field

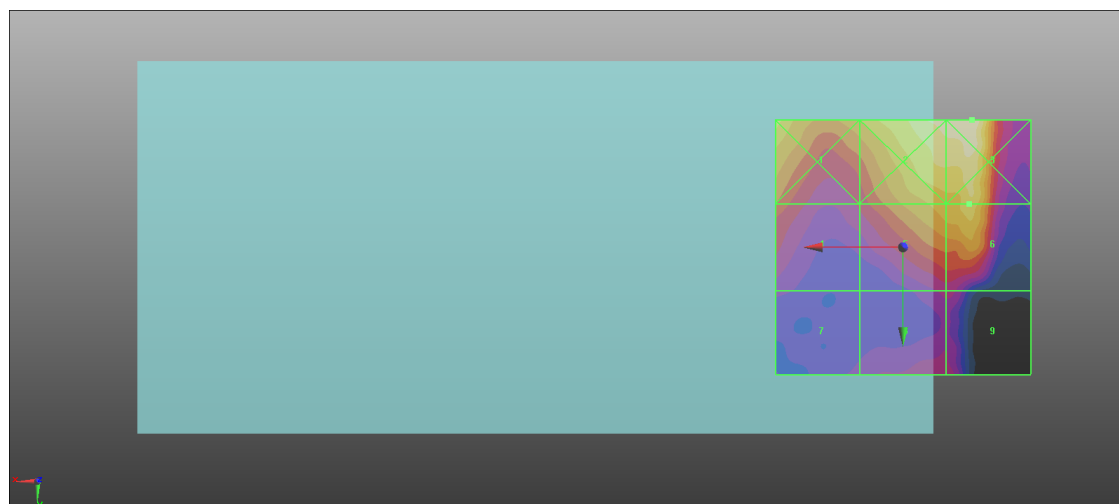
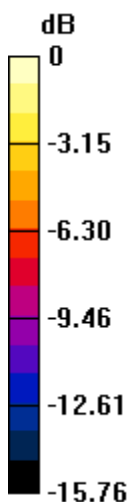
Grid 1 M4 21.46 dBV/m	Grid 2 M4 23.18 dBV/m	Grid 3 M4 23.94 dBV/m
Grid 4 M4 17.68 dBV/m	Grid 5 M4 20.4 dBV/m	Grid 6 M4 20.94 dBV/m
Grid 7 M4 13.87 dBV/m	Grid 8 M4 15.55 dBV/m	Grid 9 M4 15.49 dBV/m

Cursor:

Total = 23.94 dBV/m

E Category: M4

Location: -13.5, -25, 8.7 mm



0 dB = 15.75 V/m = 23.95 dBV/m

26_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch40620

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 10.23 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.62 dBV/m

Emission category: M4

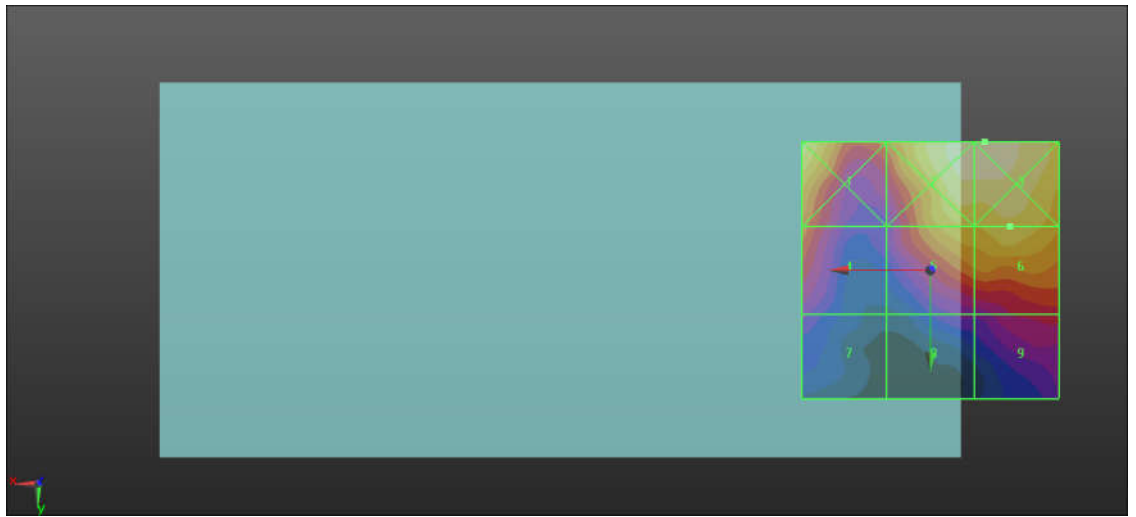
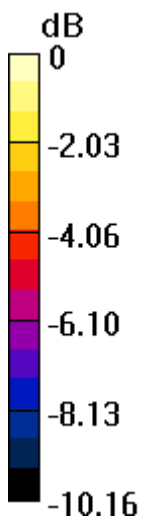
MIF scaled E-field

Grid 1 M4 21.39 dBV/m	Grid 2 M4 22.11 dBV/m	Grid 3 M4 22.18 dBV/m
Grid 4 M4 18.67 dBV/m	Grid 5 M4 20.16 dBV/m	Grid 6 M4 20.62 dBV/m
Grid 7 M4 15.69 dBV/m	Grid 8 M4 15.71 dBV/m	Grid 9 M4 17.16 dBV/m

Total = 22.18 dBV/m

E Category: M4

Location: -10.5, -25, 8.7 mm



0 dB = 12.85 V/m = 22.18 dBV/m

27_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch41055

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 6.514 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 13.81 dBV/m

Emission category: M4

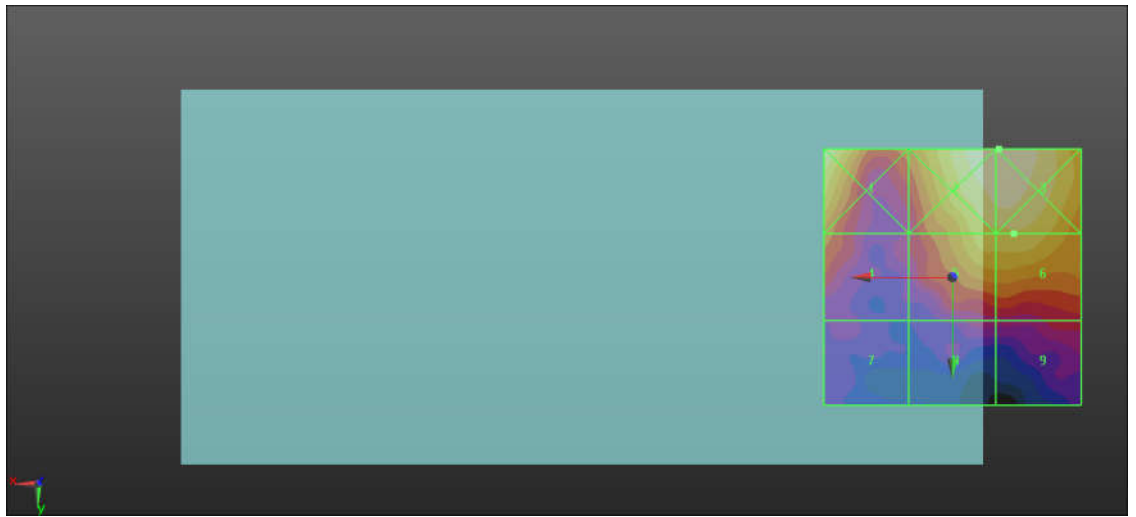
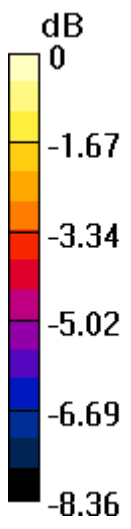
MIF scaled E-field

Grid 1 M4 14.86 dBV/m	Grid 2 M4 14.99 dBV/m	Grid 3 M4 14.99 dBV/m
Grid 4 M4 12.09 dBV/m	Grid 5 M4 13.77 dBV/m	Grid 6 M4 13.81 dBV/m
Grid 7 M4 9.81 dBV/m	Grid 8 M4 10.33 dBV/m	Grid 9 M4 10.85 dBV/m

Total = 14.99 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 5.619 V/m = 14.99 dBV/m

28_HAC RF_LTE Band 41_20M_QPSK_1RB_99offset_Ch41490

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 : 23.4 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 2017.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- 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 = 13.39 V/m; Power Drift = -0.19 dB

Applied MIF = -1.62 dB

RF audio interference level = 22.81 dBV/m

Emission category: M4

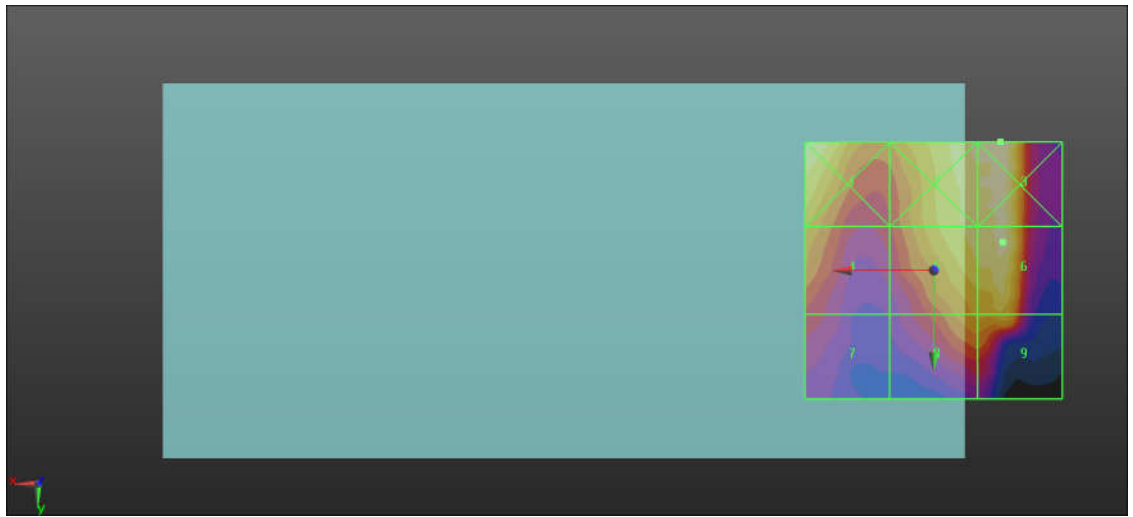
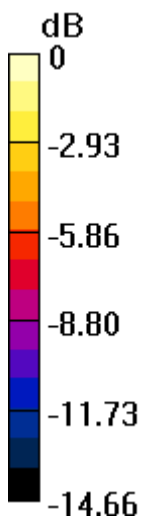
MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 22.69 dBV/m	Grid 3 M4 23.33 dBV/m
Grid 4 M4 19.63 dBV/m	Grid 5 M4 21.85 dBV/m	Grid 6 M4 22.81 dBV/m
Grid 7 M4 16.28 dBV/m	Grid 8 M4 19.67 dBV/m	Grid 9 M4 20.26 dBV/m

Total = 23.33 dBV/m

E Category: M4

Location: -13, -25, 8.7 mm



0 dB = 14.68 V/m = 23.33 dBV/m

29_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch1

Communication System: 802.11b; Frequency: 2412 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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 45.44 V/m; Power Drift = -0.09 dB

Applied MIF = -5.90 dB

RF audio interference level = 27.71 dBV/m

Emission category: M4

MIF scaled E-field

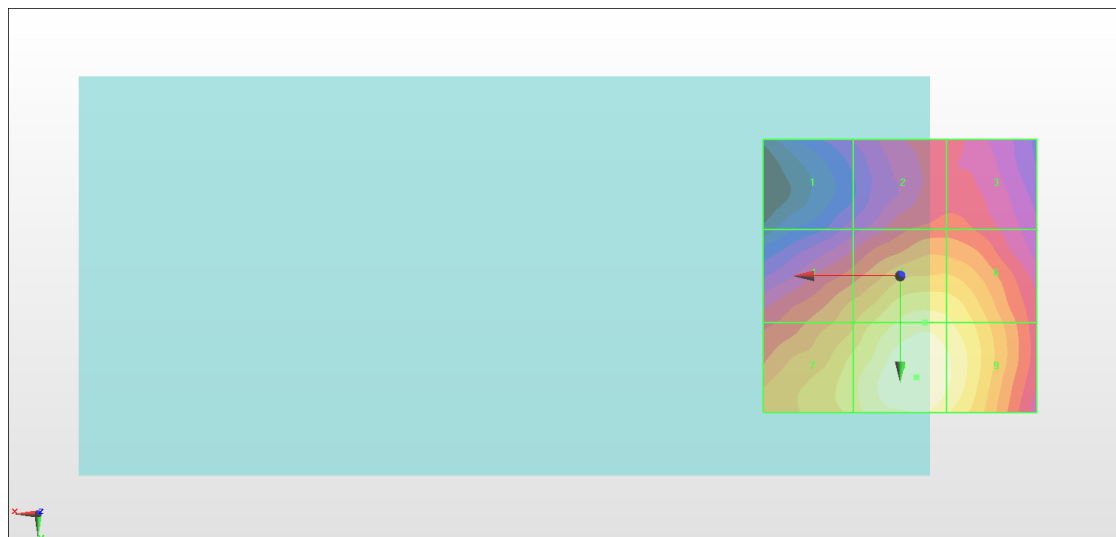
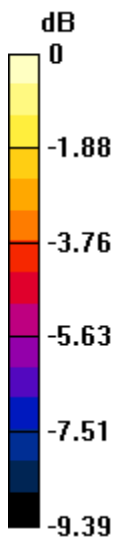
Grid 1 M4 21.84 dBV/m	Grid 2 M4 23.72 dBV/m	Grid 3 M4 23.72 dBV/m
Grid 4 M4 25.14 dBV/m	Grid 5 M4 26.85 dBV/m	Grid 6 M4 26.6 dBV/m
Grid 7 M4 26.31 dBV/m	Grid 8 M4 27.71 dBV/m	Grid 9 M4 27.23 dBV/m

Cursor:

Total = 27.71 dBV/m

E Category: M4

Location: -3, 18.5, 8.7 mm



0 dB = 24.29 V/m = 27.71 dBV/m

30_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch6

Communication System: 802.11b ; Frequency: 2437 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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 49.63 V/m; Power Drift = -0.05 dB

Applied MIF = -5.90 dB

RF audio interference level = 28.34 dBV/m

Emission category: M4

MIF scaled E-field

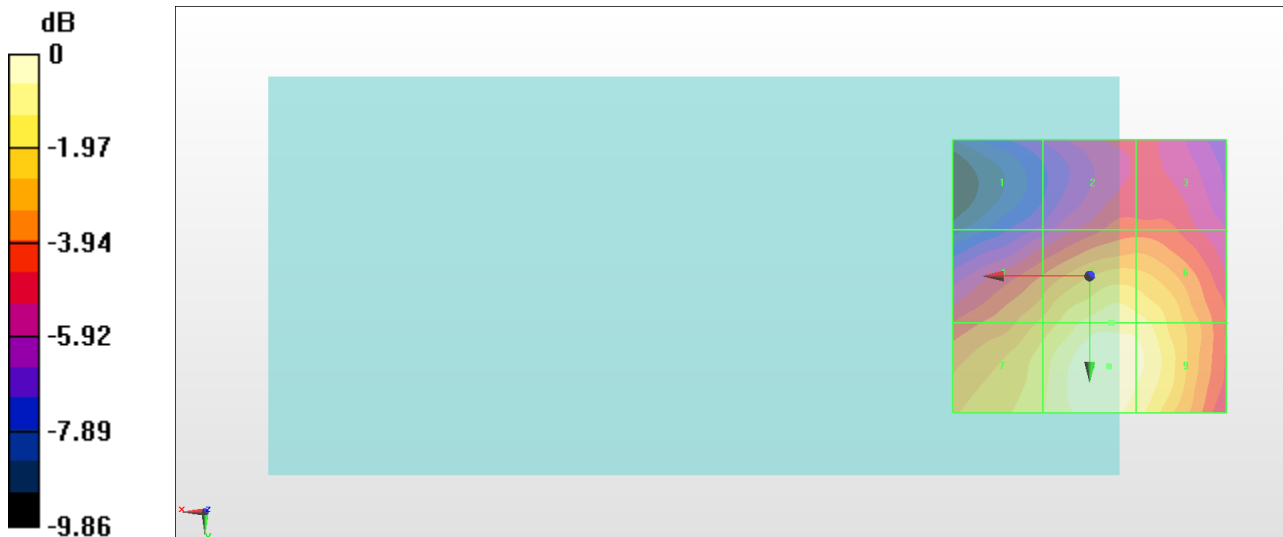
Grid 1 M4 22.08 dBV/m	Grid 2 M4 24.11 dBV/m	Grid 3 M4 24.08 dBV/m
Grid 4 M4 25.91 dBV/m	Grid 5 M4 27.46 dBV/m	Grid 6 M4 27.34 dBV/m
Grid 7 M4 26.98 dBV/m	Grid 8 M4 28.34 dBV/m	Grid 9 M4 27.92 dBV/m

Cursor:

Total = 28.34 dBV/m

E Category: M4

Location: -3.5, 16.5, 8.7 mm



0 dB = 26.11 V/m = 28.34 dBV/m

31_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch11

Communication System: 802.11b ; Frequency: 2462 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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 45.25 V/m; Power Drift = -0.00 dB

Applied MIF = -5.90 dB

RF audio interference level = 26.91 dBV/m

Emission category: M4

MIF scaled E-field

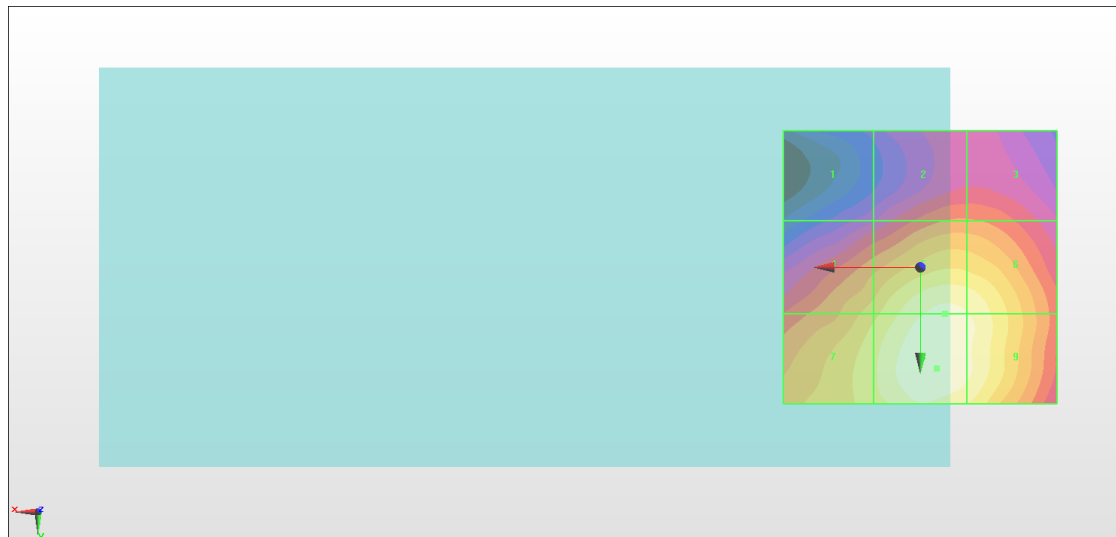
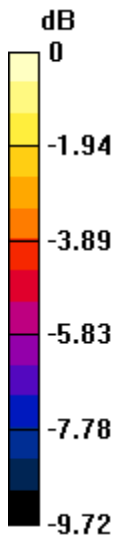
Grid 1 M4 21.07 dBV/m	Grid 2 M4 23.14 dBV/m	Grid 3 M4 23.12 dBV/m
Grid 4 M4 24.77 dBV/m	Grid 5 M4 26.48 dBV/m	Grid 6 M4 26.29 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 26.91 dBV/m	Grid 9 M4 26.45 dBV/m

Cursor:

Total = 26.91 dBV/m

E Category: M4

Location: -3, 18.5, 8.7 mm



0 dB = 22.14 V/m = 26.90 dBV/m

32_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch6

Communication System:802.11g; Frequency: 2437 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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 46.07 V/m; Power Drift = 0.04 dB

Applied MIF = -3.16 dB

RF audio interference level = 30.74 dBV/m

Emission category: M3

MIF scaled E-field

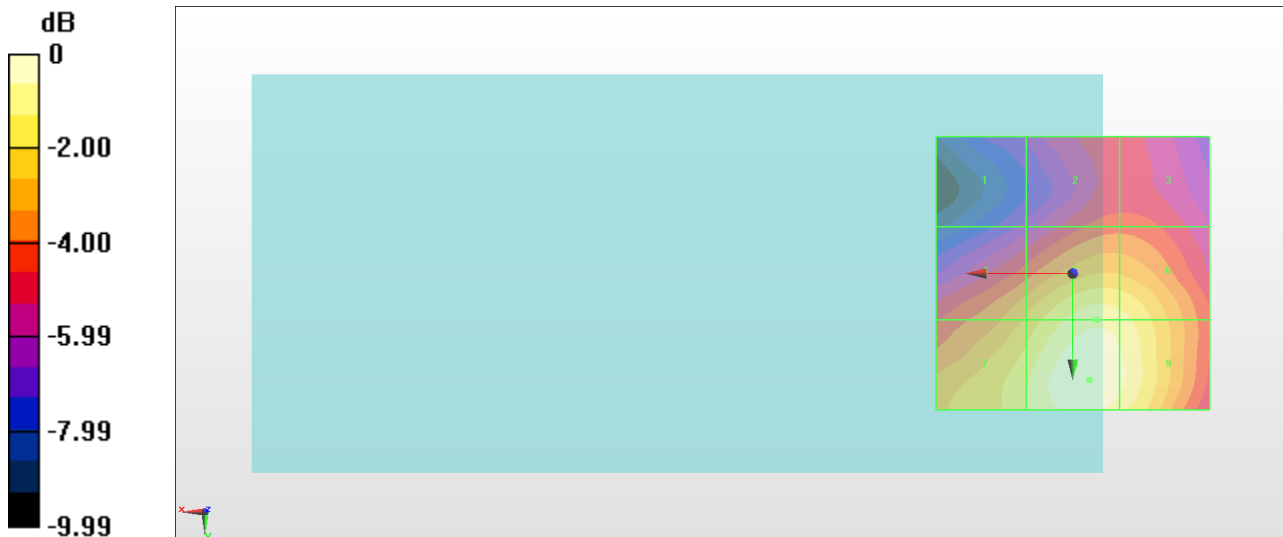
Grid 1 M4 24.43 dBV/m	Grid 2 M4 26.52 dBV/m	Grid 3 M4 26.52 dBV/m
Grid 4 M4 28.21 dBV/m	Grid 5 M4 29.89 dBV/m	Grid 6 M4 29.7 dBV/m
Grid 7 M4 29.41 dBV/m	Grid 8 M3 30.74 dBV/m	Grid 9 M3 30.27 dBV/m

Cursor:

Total = 30.74 dBV/m

E Category: M3

Location: -3, 19.5, 8.7 mm



0 dB = 34.43 V/m = 30.74 dBV/m