

1_HAC RF GSM850_ANT0_Voice_Ch128

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 47.54 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.67 dBV/m

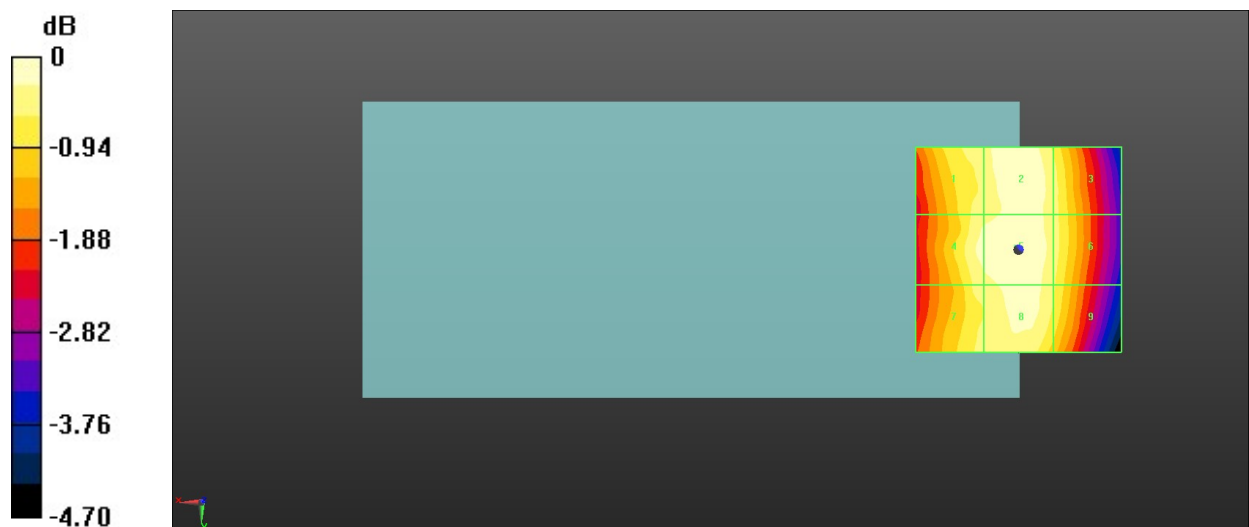
MIF scaled E-field

Grid 1 M4 33.27 dBV/m	Grid 2 M4 33.64 dBV/m	Grid 3 M4 33.19 dBV/m
Grid 4 M4 33.49 dBV/m	Grid 5 M4 33.67 dBV/m	Grid 6 M4 33.21 dBV/m
Grid 7 M4 33.28 dBV/m	Grid 8 M4 33.48 dBV/m	Grid 9 M4 33.1 dBV/m

Total = 33.67 dBV/m

E Category: M4

Location: 0.5, -0.5, 8.7 mm



0 dB = 48.26 V/m = 33.67 dBV/m

2_HAC RF GSM850_ANT0_Voice_Ch189

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 54.34 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.15 dBV/m

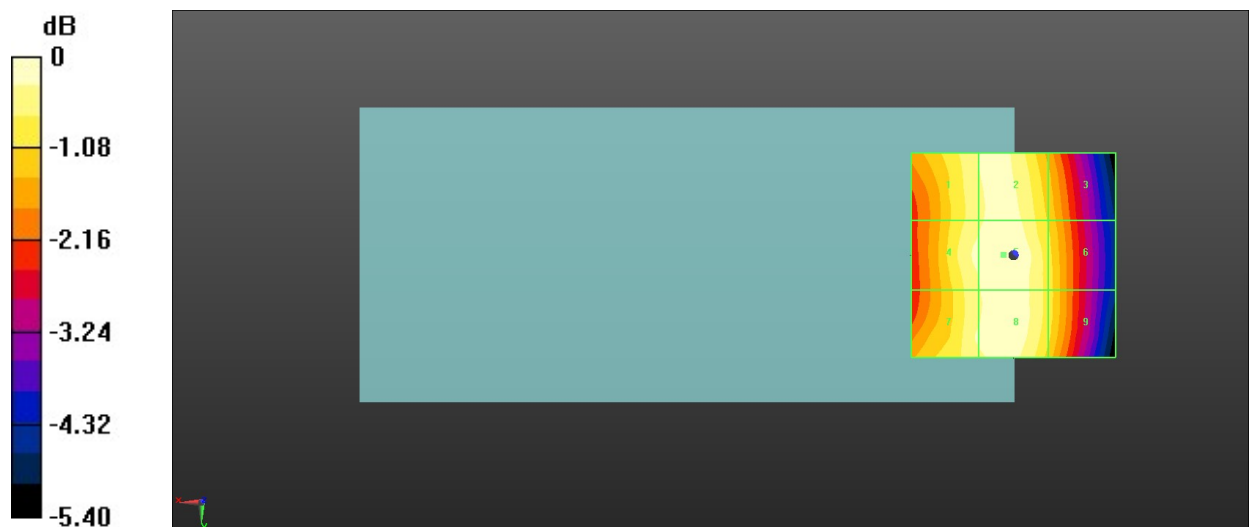
MIF scaled E-field

Grid 1 M4 34.81 dBV/m	Grid 2 M4 34.97 dBV/m	Grid 3 M4 34.02 dBV/m
Grid 4 M4 34.93 dBV/m	Grid 5 M4 35.15 dBV/m	Grid 6 M4 34.26 dBV/m
Grid 7 M4 34.84 dBV/m	Grid 8 M4 34.99 dBV/m	Grid 9 M4 34.27 dBV/m

Total = 35.15 dBV/m

E Category: M4

Location: 2.5, 0, 8.7 mm



0 dB = 57.22 V/m = 35.15 dBV/m

3_HAC RF GSM850_ANT0_Voice_Ch251

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 61.40 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.88 dBV/m

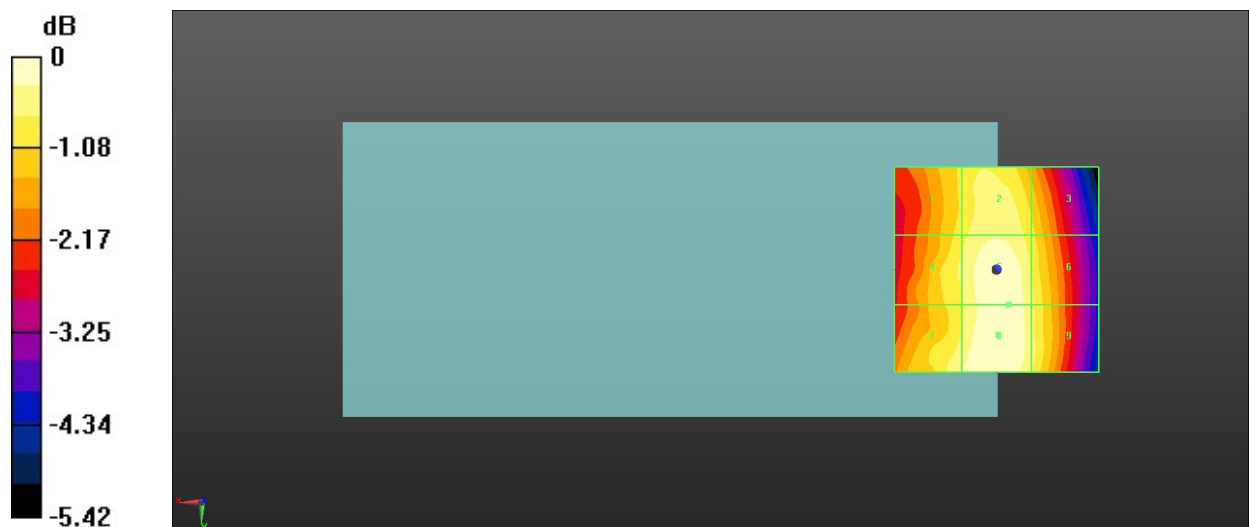
MIF scaled E-field

Grid 1 M4 35.02 dBV/m	Grid 2 M4 35.49 dBV/m	Grid 3 M4 34.93 dBV/m
Grid 4 M4 35.26 dBV/m	Grid 5 M4 35.78 dBV/m	Grid 6 M4 35.26 dBV/m
Grid 7 M4 35.55 dBV/m	Grid 8 M4 35.88 dBV/m	Grid 9 M4 35.33 dBV/m

Total = 35.88 dBV/m

E Category: M4

Location: -0.5, 16, 8.7 mm



0 dB = 62.23 V/m = 35.88 dBV/m

4_HAC RF GSM850_ANT0_Voice_Ch251

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 66.19 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.66 dBV/m

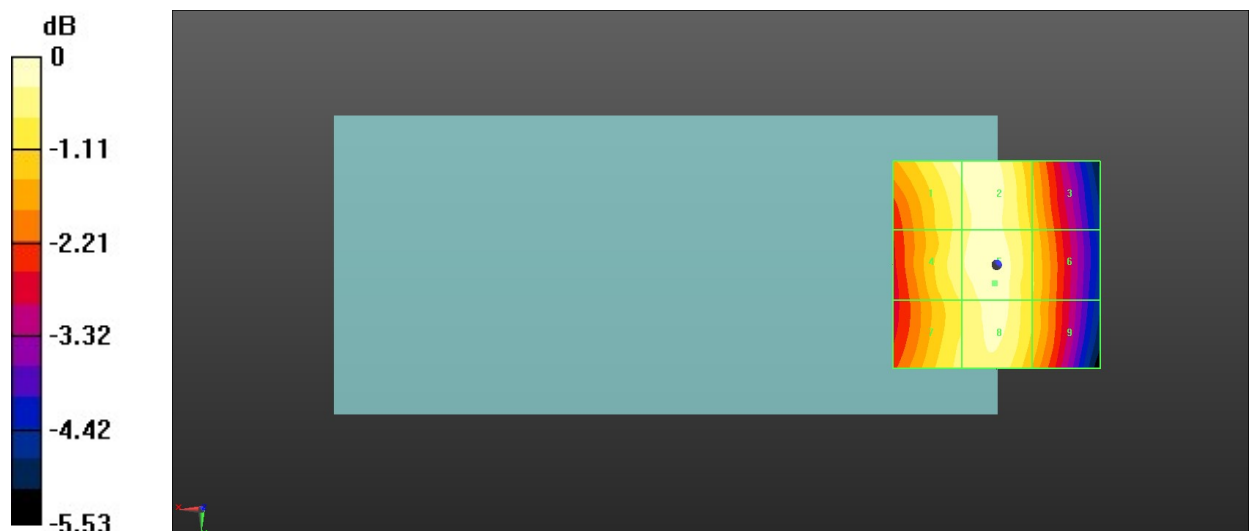
MIF scaled E-field

Grid 1 M4 36.42 dBV/m	Grid 2 M4 36.51 dBV/m	Grid 3 M4 35.5 dBV/m
Grid 4 M4 36.25 dBV/m	Grid 5 M4 36.66 dBV/m	Grid 6 M4 35.63 dBV/m
Grid 7 M4 36.05 dBV/m	Grid 8 M4 36.56 dBV/m	Grid 9 M4 35.58 dBV/m

Total = 36.66 dBV/m

E Category: M4

Location: 0.5, 4.5, 8.7 mm



0 dB = 68.06 V/m = 36.66 dBV/m

5_HAC RF GSM1900_ANT0_Voice_Ch512

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 7.451 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.58 dBV/m

MIF scaled E-field

Grid 1 M4 20.18 dBV/m	Grid 2 M4 18.8 dBV/m	Grid 3 M4 13.94 dBV/m
Grid 4 M4 20.58 dBV/m	Grid 5 M4 24.58 dBV/m	Grid 6 M4 17.17 dBV/m
Grid 7 M4 20.79 dBV/m	Grid 8 M4 24.38 dBV/m	Grid 9 M4 19.16 dBV/m

Total = 24.58 dBV/m

E Category: M4

Location: 0.5, 5.5, 8.7 mm



0 dB = 16.93 V/m = 24.57 dBV/m

6_HAC RF GSM1900_ANT0_Voice_Ch661

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 7.791 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.84 dBV/m

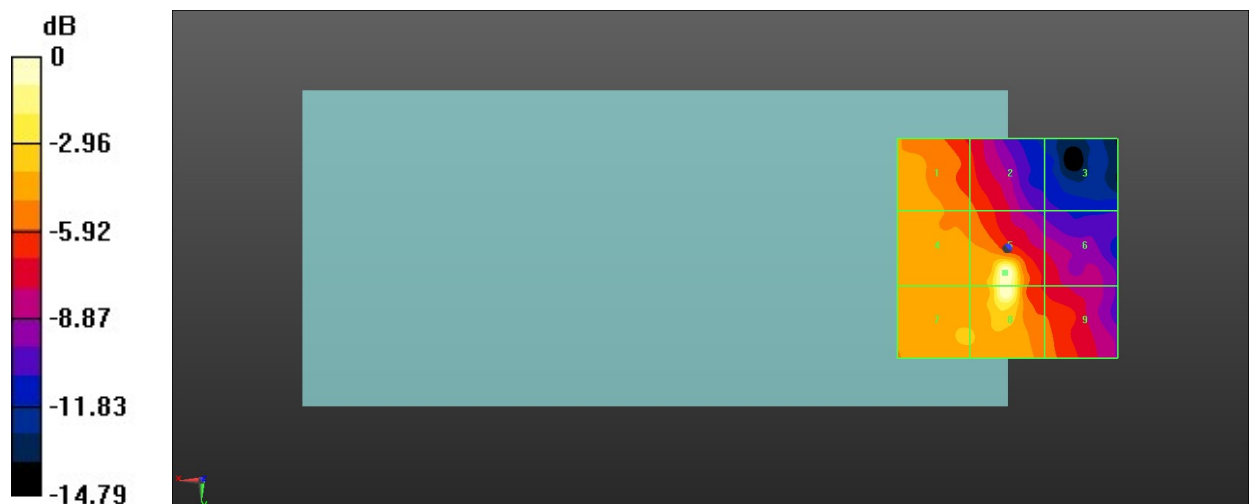
MIF scaled E-field

Grid 1 M4 20.76 dBV/m	Grid 2 M4 19.25 dBV/m	Grid 3 M4 14.65 dBV/m
Grid 4 M4 20.83 dBV/m	Grid 5 M4 24.84 dBV/m	Grid 6 M4 17.84 dBV/m
Grid 7 M4 21.03 dBV/m	Grid 8 M4 24.66 dBV/m	Grid 9 M4 19.47 dBV/m

Total = 24.84 dBV/m

E Category: M4

Location: 0.5, 5.5, 8.7 mm



0 dB = 17.45 V/m = 24.84 dBV/m

7_HAC RF GSM1900_ANT0_Voice_Ch810

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 8.350 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.05 dBV/m

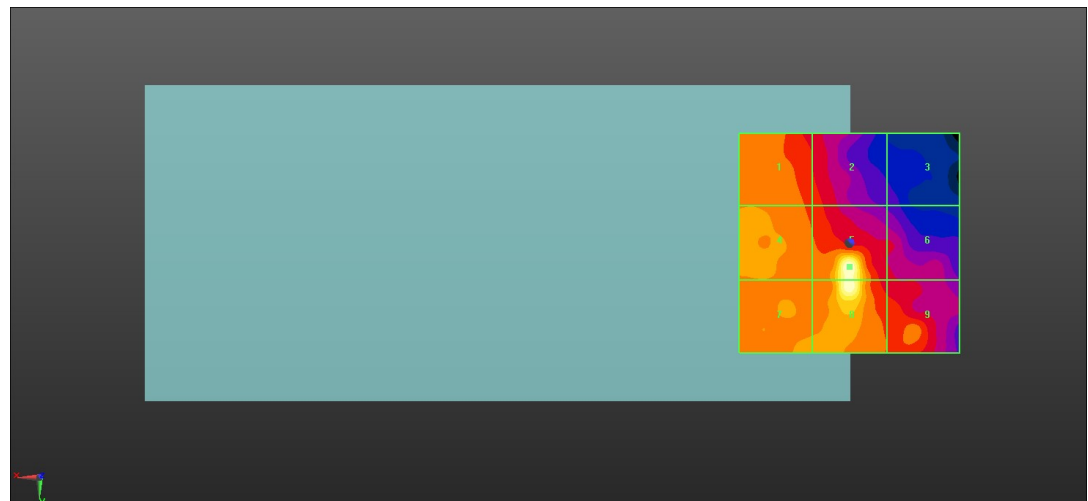
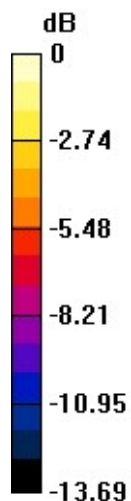
MIF scaled E-field

Grid 1 M4 20.49 dBV/m	Grid 2 M4 19.26 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 20.86 dBV/m	Grid 5 M4 25.05 dBV/m	Grid 6 M4 18.21 dBV/m
Grid 7 M4 20.8 dBV/m	Grid 8 M4 24.76 dBV/m	Grid 9 M4 20.18 dBV/m

Total = 25.05 dBV/m

E Category: M4

Location: 0, 5.5, 8.7 mm



0 dB = 17.88 V/m = 25.05 dBV/m

8_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch39750

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2506 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 19.89 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.51 dBV/m

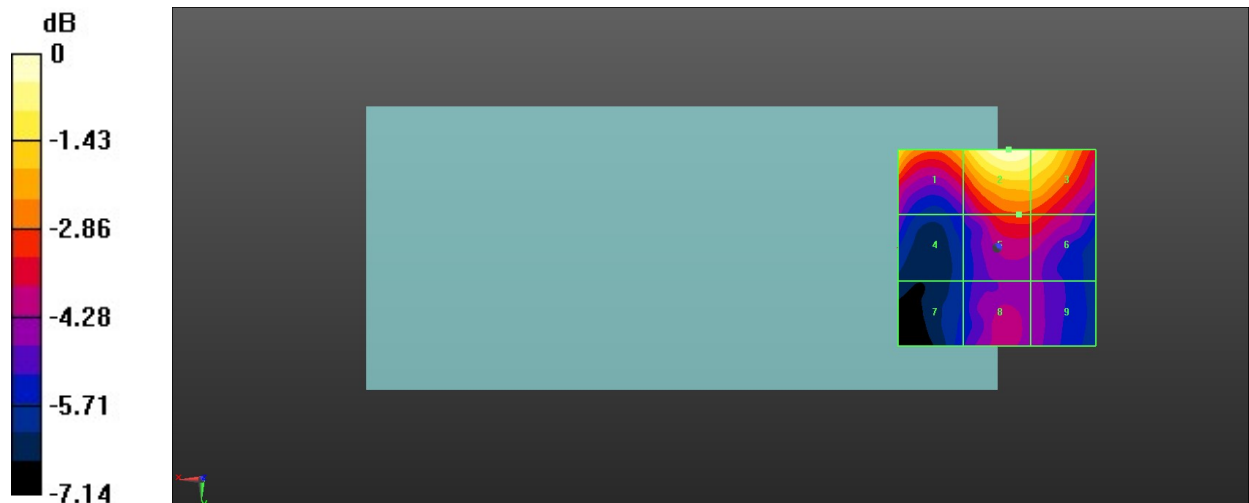
MIF scaled E-field

Grid 1 M4 25.29 dBV/m	Grid 2 M4 26.51 dBV/m	Grid 3 M4 26.21 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 23.59 dBV/m	Grid 6 M4 23.51 dBV/m
Grid 7 M4 21.26 dBV/m	Grid 8 M4 22.47 dBV/m	Grid 9 M4 22.11 dBV/m

Total = 26.51 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 21.16 V/m = 26.51 dBV/m

9_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch40185

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2549.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 16.77 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.76 dBV/m

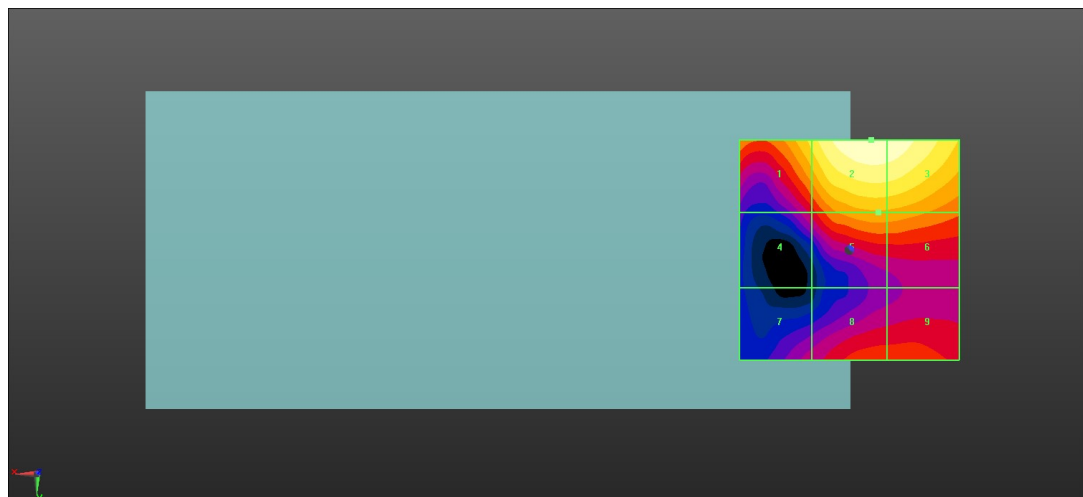
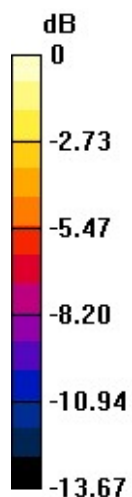
MIF scaled E-field

Grid 1 M4 24.42 dBV/m	Grid 2 M4 26.76 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 19.64 dBV/m	Grid 5 M4 22.7 dBV/m	Grid 6 M4 22.74 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 21.08 dBV/m	Grid 9 M4 21.11 dBV/m

Total = 26.76 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 21.79 V/m = 26.76 dBV/m

10_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch40620

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2593 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 18.69 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.18 dBV/m

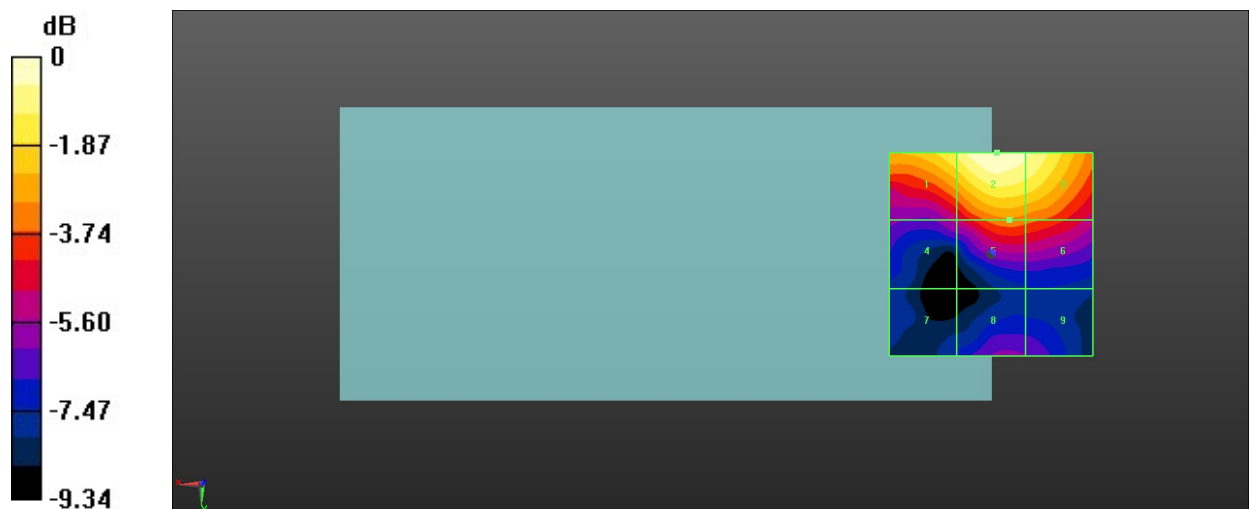
MIF scaled E-field

Grid 1 M4 26.09 dBV/m	Grid 2 M4 27.18 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 23.94 dBV/m	Grid 6 M4 23.74 dBV/m
Grid 7 M4 19.92 dBV/m	Grid 8 M4 21.18 dBV/m	Grid 9 M4 21 dBV/m

Total = 27.18 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 22.85 V/m = 27.18 dBV/m

11_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch41055

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2636.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 17.90 V/m; Power Drift = -0.15 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.55 dBV/m

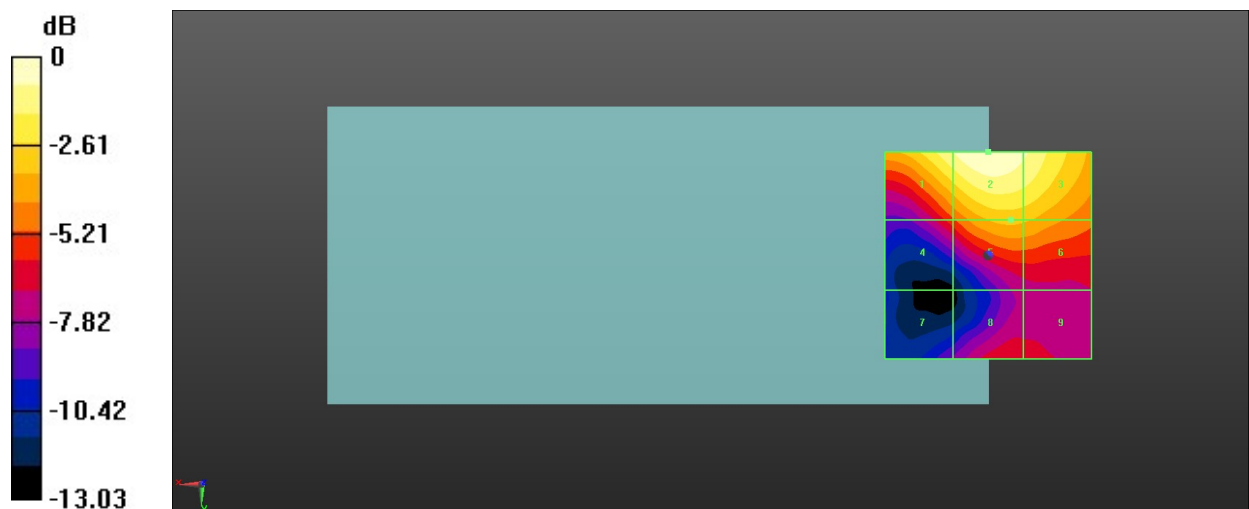
MIF scaled E-field

Grid 1 M4 25.67 dBV/m	Grid 2 M4 26.55 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 21.12 dBV/m	Grid 5 M4 23.35 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 18.08 dBV/m	Grid 8 M4 20.23 dBV/m	Grid 9 M4 20.16 dBV/m

Total = 26.55 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 21.25 V/m = 26.55 dBV/m

12_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch41490

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 20.21 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.37 dBV/m

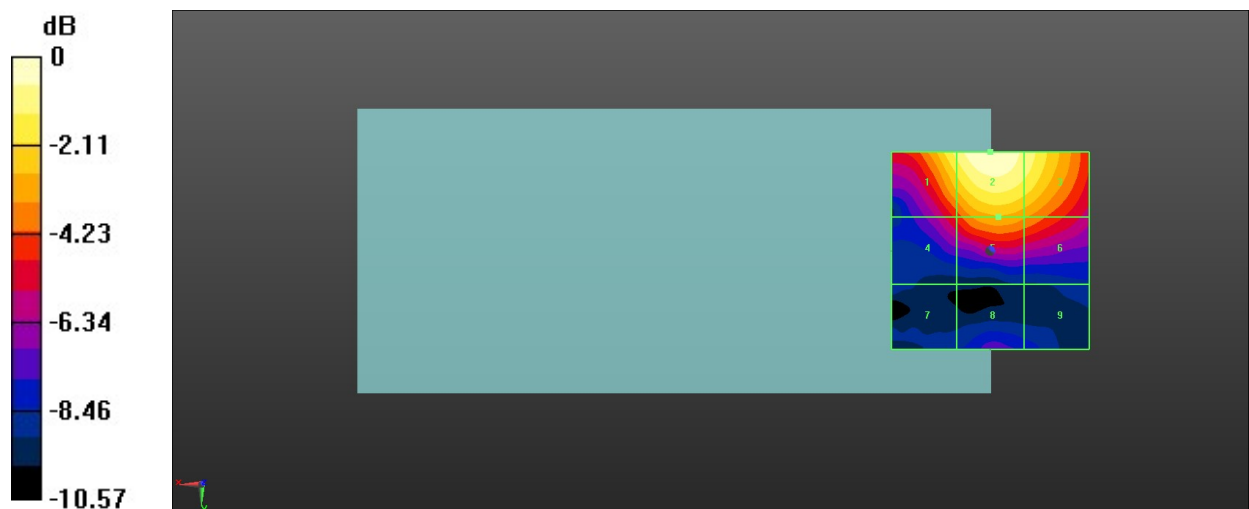
MIF scaled E-field

Grid 1 M4 26.29 dBV/m	Grid 2 M4 27.37 dBV/m	Grid 3 M4 26.52 dBV/m
Grid 4 M4 22.72 dBV/m	Grid 5 M4 24.46 dBV/m	Grid 6 M4 23.98 dBV/m
Grid 7 M4 19 dBV/m	Grid 8 M4 20.19 dBV/m	Grid 9 M4 19.57 dBV/m

Total = 27.37 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 23.36 V/m = 27.37 dBV/m

13_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch41490

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 19.57 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.75 dBV/m

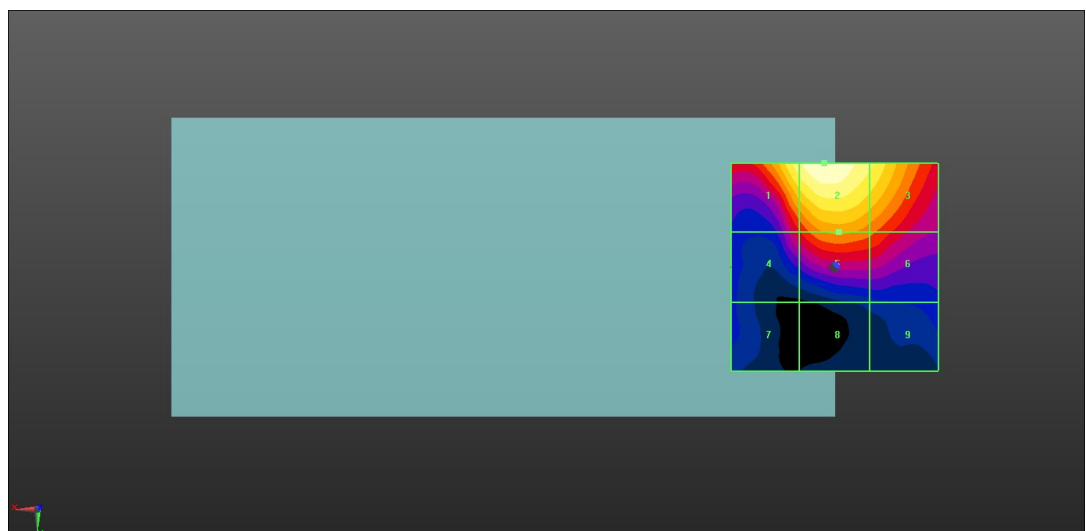
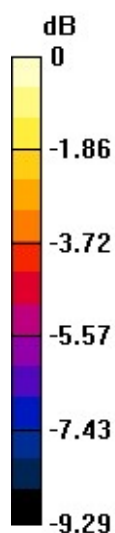
MIF scaled E-field

Grid 1 M4 25 dBV/m	Grid 2 M4 25.75 dBV/m	Grid 3 M4 24.68 dBV/m
Grid 4 M4 21.34 dBV/m	Grid 5 M4 22.83 dBV/m	Grid 6 M4 22.26 dBV/m
Grid 7 M4 18.58 dBV/m	Grid 8 M4 18.09 dBV/m	Grid 9 M4 18.74 dBV/m

Total = 25.75 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 19.39 V/m = 25.75 dBV/m

14_HAC RF LTE B42_20M_ANT 5_QPSK_1RB_0Offset_Ch42190

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3460 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch42190/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 = 106.9 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 34.46 dBV/m

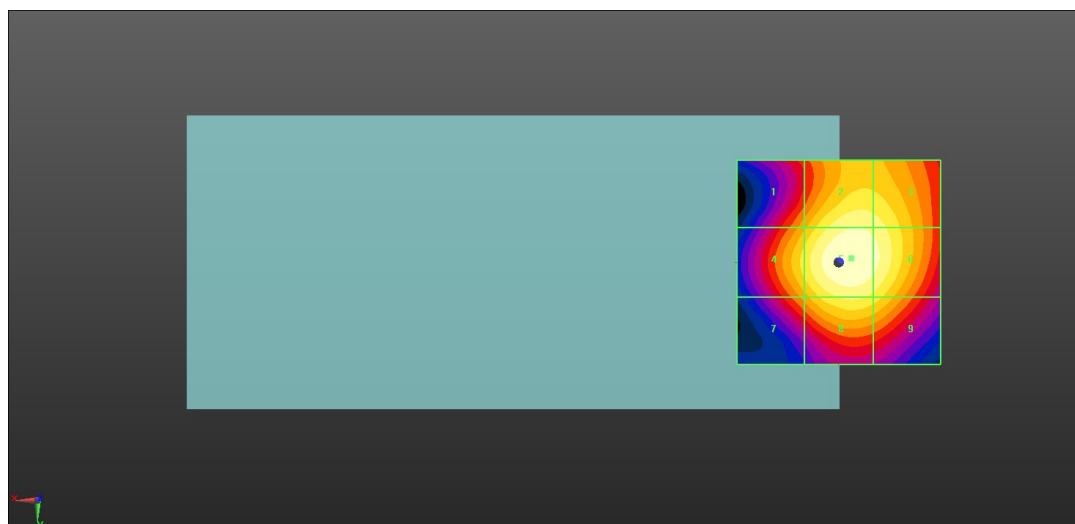
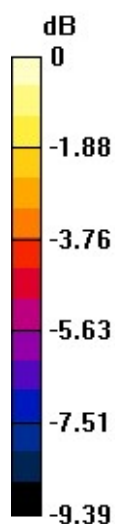
MIF scaled E-field

Grid 1 M3 31.81 dBV/m	Grid 2 M3 33.84 dBV/m	Grid 3 M3 33.62 dBV/m
Grid 4 M3 32.86 dBV/m	Grid 5 M3 34.46 dBV/m	Grid 6 M3 34.07 dBV/m
Grid 7 M3 31.65 dBV/m	Grid 8 M3 33.36 dBV/m	Grid 9 M3 32.96 dBV/m

Total = 34.46 dBV/m

E Category: M3

Location: -3, -1, 8.7 mm



0 dB = 52.84 V/m = 34.46 dBV/m

15_HAC RF LTE B42_20M_ANT 5_QPSK_1RB_0Offset_Ch42590

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3500 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch42590/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 = 100.7 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 34.26 dBV/m

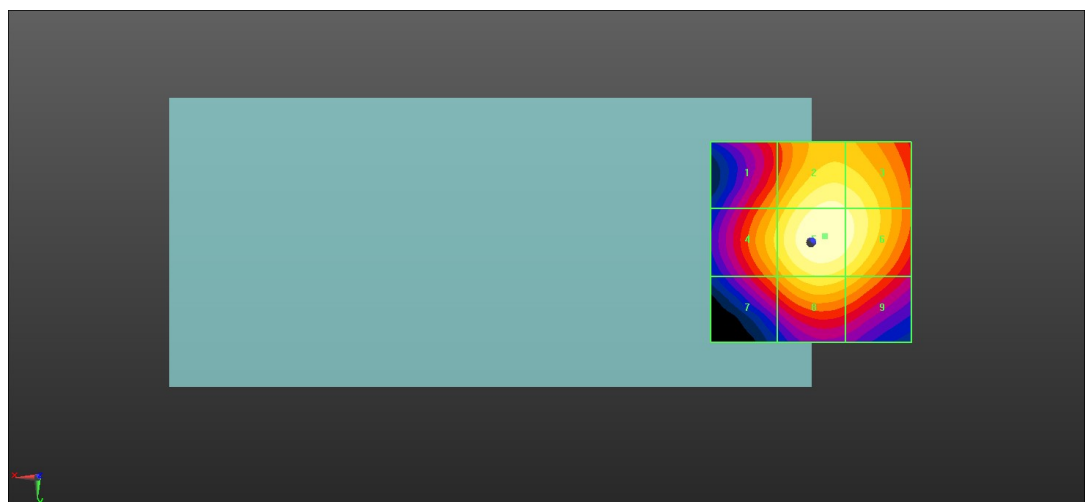
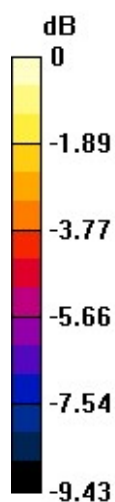
MIF scaled E-field

Grid 1 M3 31.76 dBV/m	Grid 2 M3 33.84 dBV/m	Grid 3 M3 33.66 dBV/m
Grid 4 M3 32.59 dBV/m	Grid 5 M3 34.26 dBV/m	Grid 6 M3 33.94 dBV/m
Grid 7 M3 31.32 dBV/m	Grid 8 M3 32.97 dBV/m	Grid 9 M3 32.51 dBV/m

Total = 34.26 dBV/m

E Category: M3

Location: -3.5, -1.5, 8.7 mm



0 dB = 51.63 V/m = 34.26 dBV/m

16_HAC RF LTE B42_20M_ANT 5_QPSK_1RB_0Offset_Ch42990

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3540 MHz; Duty Cycle: 1:8.87156

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch42990/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 = 92.87 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 33.46 dBV/m

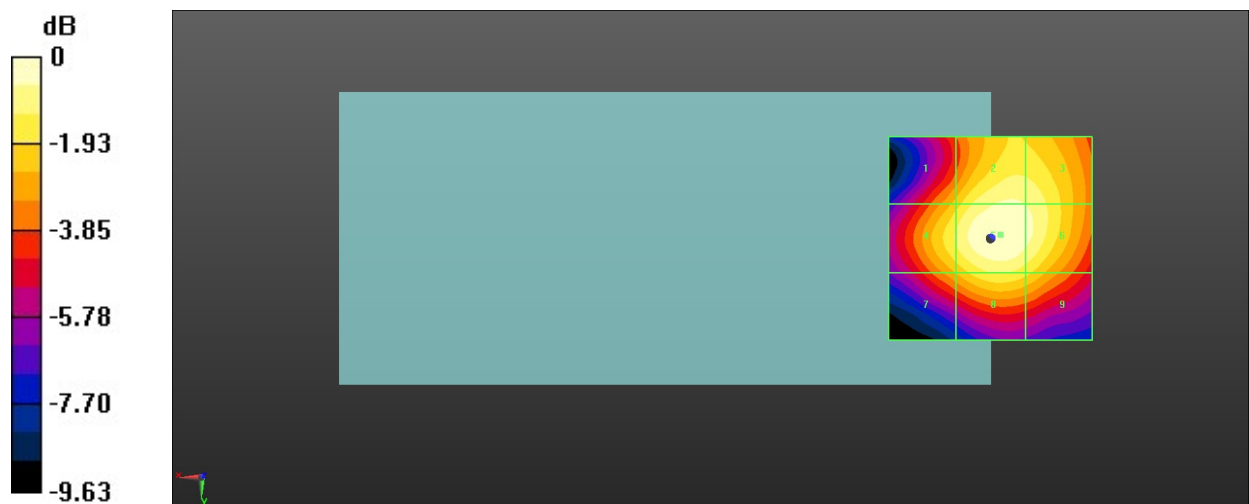
MIF scaled E-field

Grid 1 M3 31.21 dBV/m	Grid 2 M3 32.94 dBV/m	Grid 3 M3 32.8 dBV/m
Grid 4 M3 32.25 dBV/m	Grid 5 M3 33.46 dBV/m	Grid 6 M3 33.09 dBV/m
Grid 7 M3 30.92 dBV/m	Grid 8 M3 32.2 dBV/m	Grid 9 M3 31.75 dBV/m

Total = 33.46 dBV/m

E Category: M3

Location: -2.5, -1, 8.7 mm



0 dB = 47.08 V/m = 33.46 dBV/m

17_HAC RF LTE B42_20M_ANT 5_QPSK_1RB_0Offset_Ch42190

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3460 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch42190/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 = 96.48 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 33.49 dBV/m

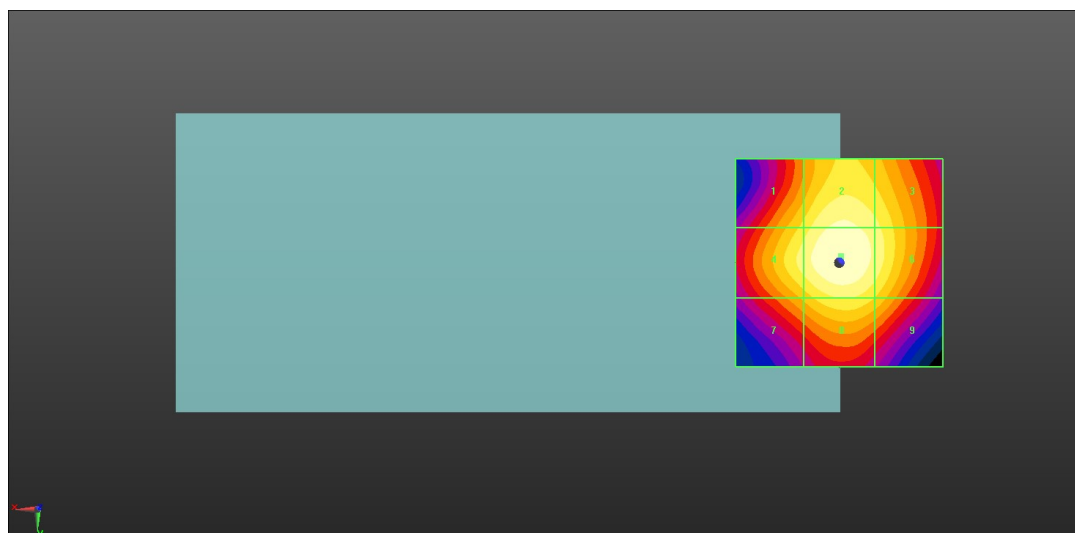
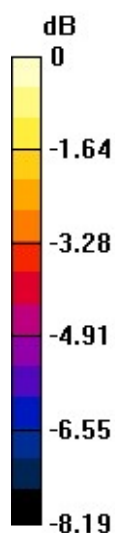
MIF scaled E-field

Grid 1 M3 32.1 dBV/m	Grid 2 M3 33.1 dBV/m	Grid 3 M3 32.6 dBV/m
Grid 4 M3 32.71 dBV/m	Grid 5 M3 33.49 dBV/m	Grid 6 M3 32.83 dBV/m
Grid 7 M3 31.49 dBV/m	Grid 8 M3 32.42 dBV/m	Grid 9 M3 31.86 dBV/m

Total = 33.49 dBV/m

E Category: M3

Location: -0.5, -1.5, 8.7 mm



0 dB = 47.28 V/m = 33.49 dBV/m

18_HAC RF WLAN2.4GHz_Ant 6_802.11g 6Mbps_Ch1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1/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 = 25.95 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.18 dBV/m

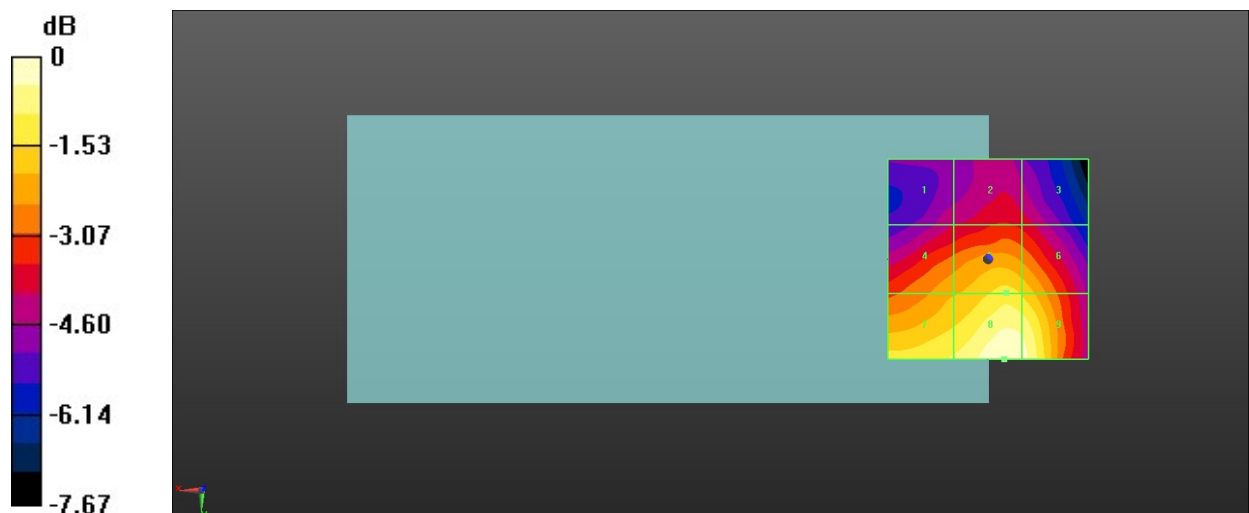
MIF scaled E-field

Grid 1 M4 23.12 dBV/m	Grid 2 M4 23.68 dBV/m	Grid 3 M4 23.45 dBV/m
Grid 4 M4 25.08 dBV/m	Grid 5 M4 25.87 dBV/m	Grid 6 M4 25.57 dBV/m
Grid 7 M4 26.23 dBV/m	Grid 8 M4 27.18 dBV/m	Grid 9 M4 26.91 dBV/m

Total = 27.18 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 22.84 V/m = 27.17 dBV/m

19_HAC RF WLAN2.4GHz_Ant 6_802.11g 6Mbps_Ch6

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch6/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 = 26.20 V/m; Power Drift = -0.13 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.48 dBV/m

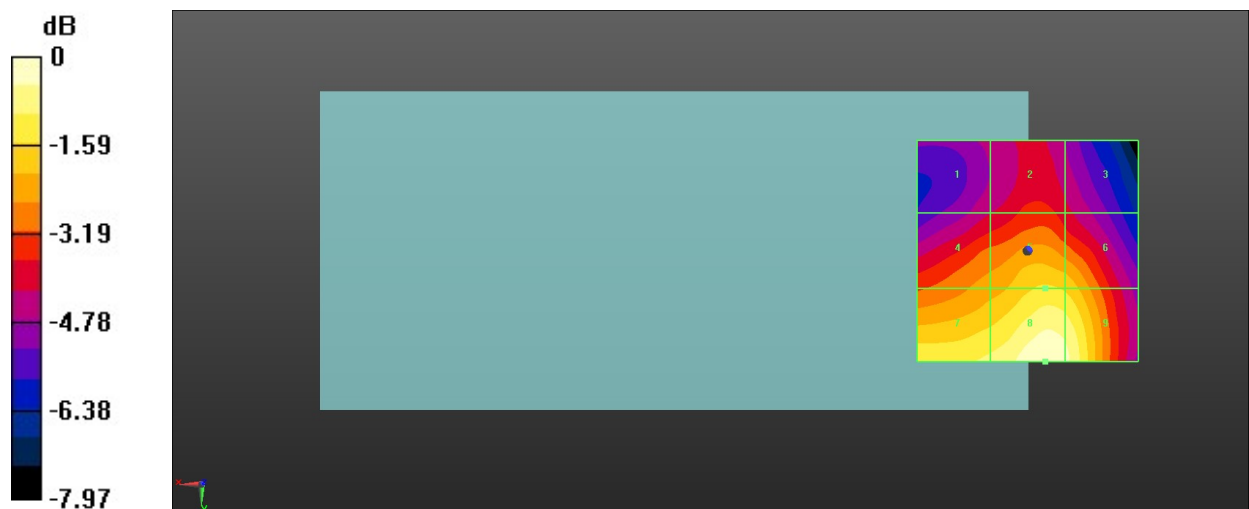
MIF scaled E-field

Grid 1 M4 23.23 dBV/m	Grid 2 M4 23.99 dBV/m	Grid 3 M4 23.47 dBV/m
Grid 4 M4 25.14 dBV/m	Grid 5 M4 25.99 dBV/m	Grid 6 M4 25.79 dBV/m
Grid 7 M4 26.55 dBV/m	Grid 8 M4 27.48 dBV/m	Grid 9 M4 27.14 dBV/m

Total = 27.48 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



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

20_HAC RF WLAN2.4GHz_Ant 6_802.11g 6Mbps_Ch11

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch11/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 = 26.59 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.64 dBV/m

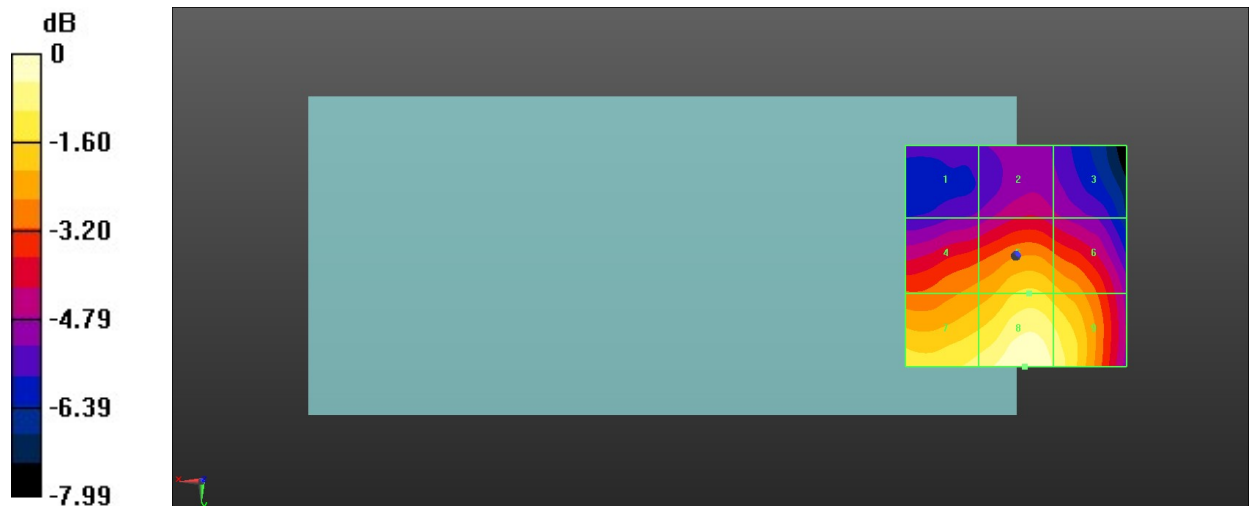
MIF scaled E-field

Grid 1 M4 22.56 dBV/m	Grid 2 M4 23.49 dBV/m	Grid 3 M4 23.09 dBV/m
Grid 4 M4 25.24 dBV/m	Grid 5 M4 26.19 dBV/m	Grid 6 M4 25.78 dBV/m
Grid 7 M4 26.81 dBV/m	Grid 8 M4 27.64 dBV/m	Grid 9 M4 27.06 dBV/m

Total = 27.64 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 24.10 V/m = 27.64 dBV/m

21_HAC RF WLAN2.4GHz_Ant 6_802.11g 6Mbps_Ch11

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps);
Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.22 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.32 dBV/m

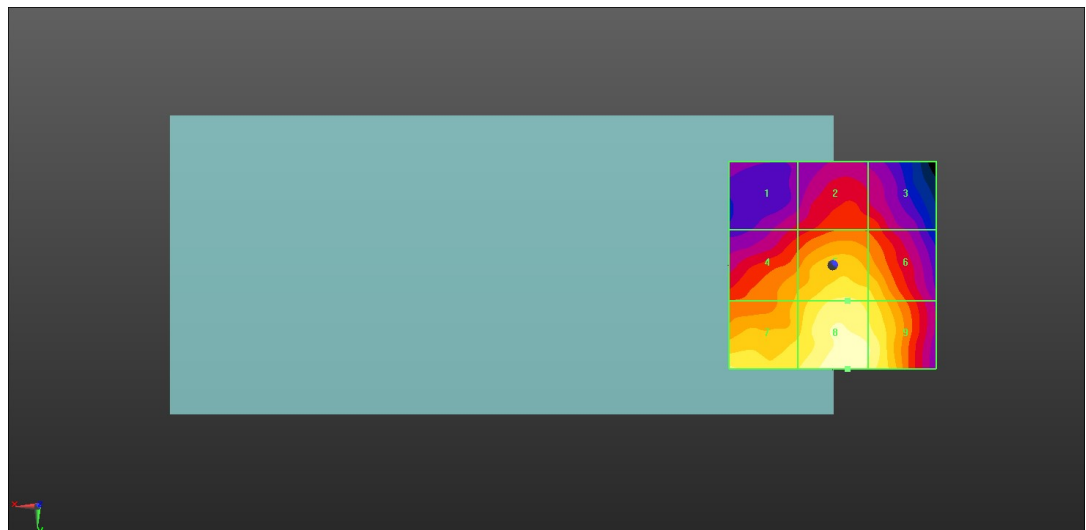
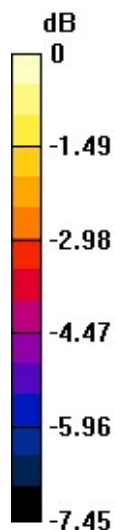
MIF scaled E-field

Grid 1 M4 25.56 dBV/m	Grid 2 M4 26.39 dBV/m	Grid 3 M4 26.3 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 28.44 dBV/m	Grid 6 M4 28.1 dBV/m
Grid 7 M4 28.47 dBV/m	Grid 8 M4 29.32 dBV/m	Grid 9 M4 28.89 dBV/m

Total = 29.32 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 29.24 V/m = 29.32 dBV/m