

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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 59.77 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.31 dBV/m

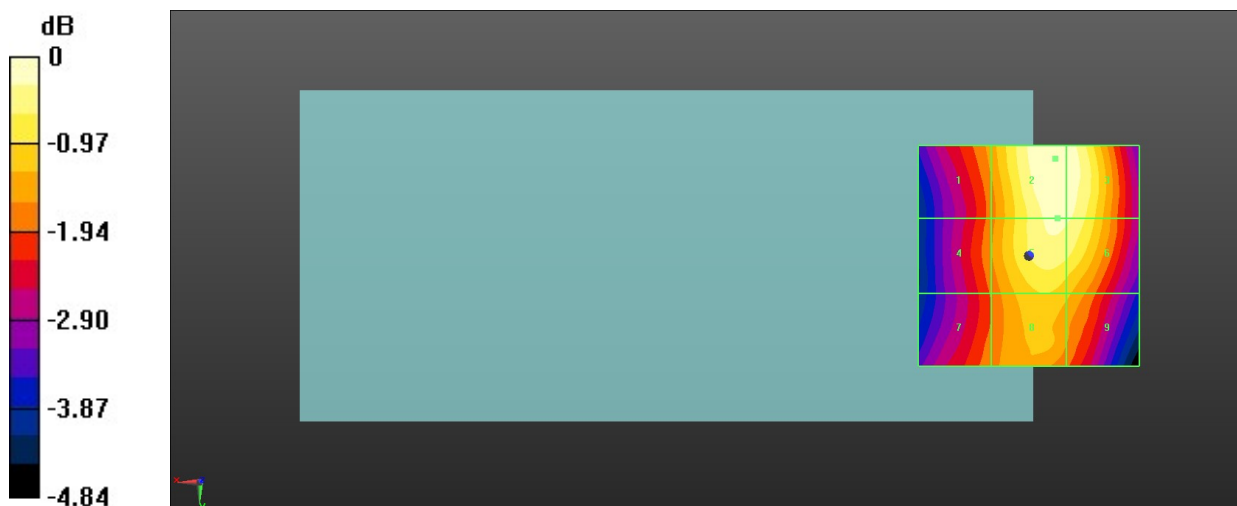
MIF scaled E-field

Grid 1 M4 34.87 dBV/m	Grid 2 M4 36.31 dBV/m	Grid 3 M4 36.27 dBV/m
Grid 4 M4 34.69 dBV/m	Grid 5 M4 36.08 dBV/m	Grid 6 M4 36.04 dBV/m
Grid 7 M4 34.6 dBV/m	Grid 8 M4 35.35 dBV/m	Grid 9 M4 35.12 dBV/m

Total = 36.31 dBV/m

E Category: M4

Location: -6, -22, 8.7 mm



0 dB = 65.38 V/m = 36.31 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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 66.19 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.31 dBV/m

MIF scaled E-field

Grid 1 M4 35.83 dBV/m	Grid 2 M4 36.31 dBV/m	Grid 3 M4 36.02 dBV/m
Grid 4 M4 35.79 dBV/m	Grid 5 M4 36.24 dBV/m	Grid 6 M4 35.99 dBV/m
Grid 7 M4 35.82 dBV/m	Grid 8 M4 36.2 dBV/m	Grid 9 M4 35.74 dBV/m

Total = 36.31 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 65.41 V/m = 36.31 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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 70.96 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.33 dBV/m

MIF scaled E-field

Grid 1 M4 36.46 dBV/m	Grid 2 M4 36.84 dBV/m	Grid 3 M4 36.11 dBV/m
Grid 4 M4 36.75 dBV/m	Grid 5 M4 37.15 dBV/m	Grid 6 M4 36.62 dBV/m
Grid 7 M4 36.94 dBV/m	Grid 8 M4 37.33 dBV/m	Grid 9 M4 36.71 dBV/m

Total = 37.33 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



0 dB = 73.53 V/m = 37.33 dBV/m

4_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 8.295 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.98 dBV/m

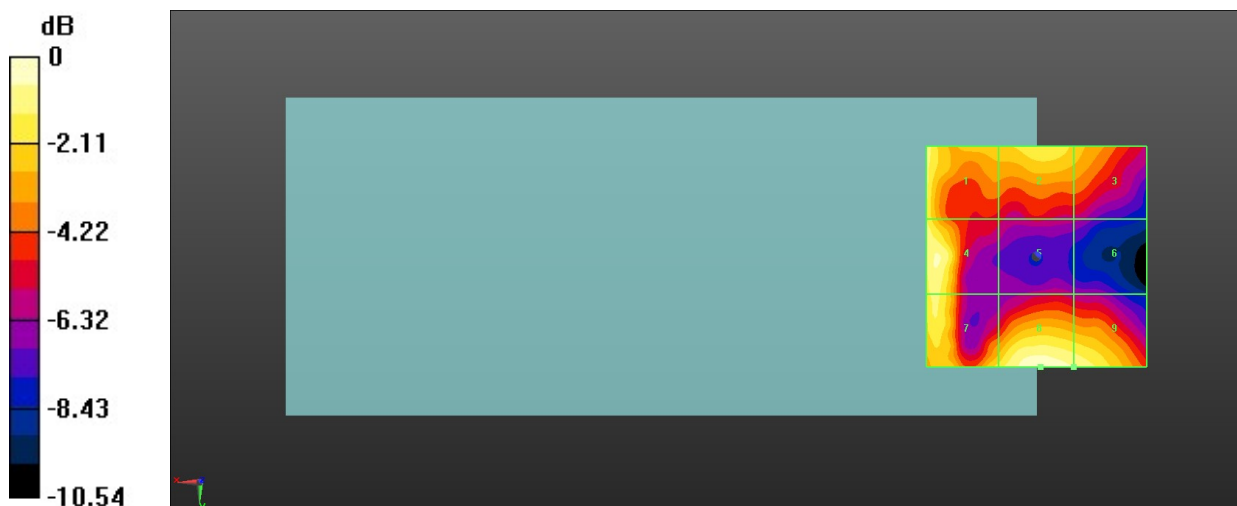
MIF scaled E-field

Grid 1 M4 24.17 dBV/m	Grid 2 M4 23.52 dBV/m	Grid 3 M4 22.65 dBV/m
Grid 4 M4 24.36 dBV/m	Grid 5 M4 19.71 dBV/m	Grid 6 M4 19.02 dBV/m
Grid 7 M4 23.82 dBV/m	Grid 8 M4 24.98 dBV/m	Grid 9 M4 24.27 dBV/m

Total = 24.98 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 17.73 V/m = 24.97 dBV/m

5_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 5.792 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.25 dBV/m

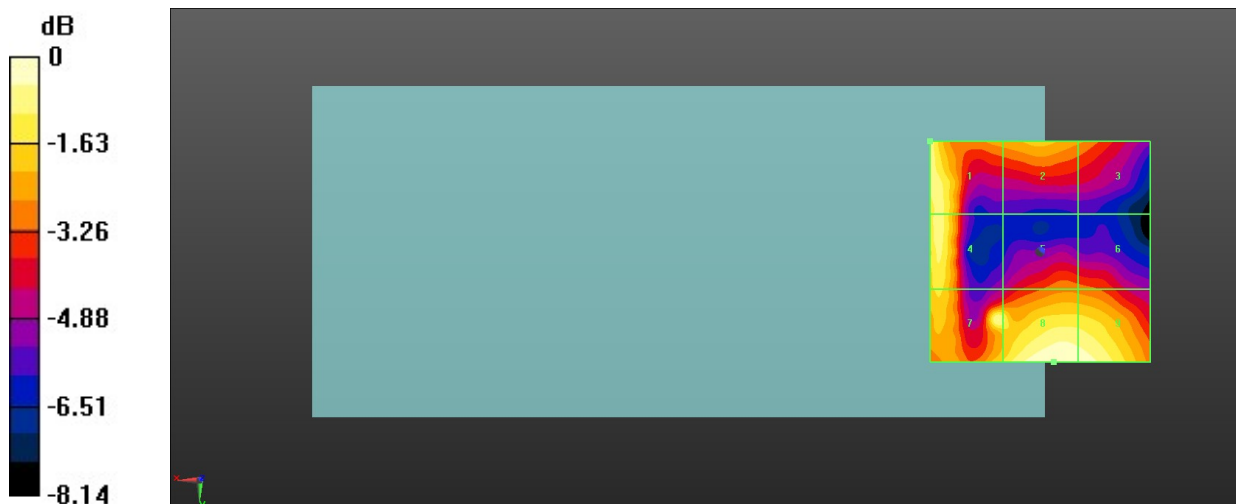
MIF scaled E-field

Grid 1 M4 23.83 dBV/m	Grid 2 M4 24.25 dBV/m	Grid 3 M4 23.58 dBV/m
Grid 4 M4 21.86 dBV/m	Grid 5 M4 20.95 dBV/m	Grid 6 M4 19.87 dBV/m
Grid 7 M4 20.56 dBV/m	Grid 8 M4 21.8 dBV/m	Grid 9 M4 21.41 dBV/m

Total = 24.25 dBV/m

E Category: M4

Location: 2, -25, 8.7 mm



0 dB = 16.31 V/m = 24.25 dBV/m

6_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 8.072 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.01 dBV/m

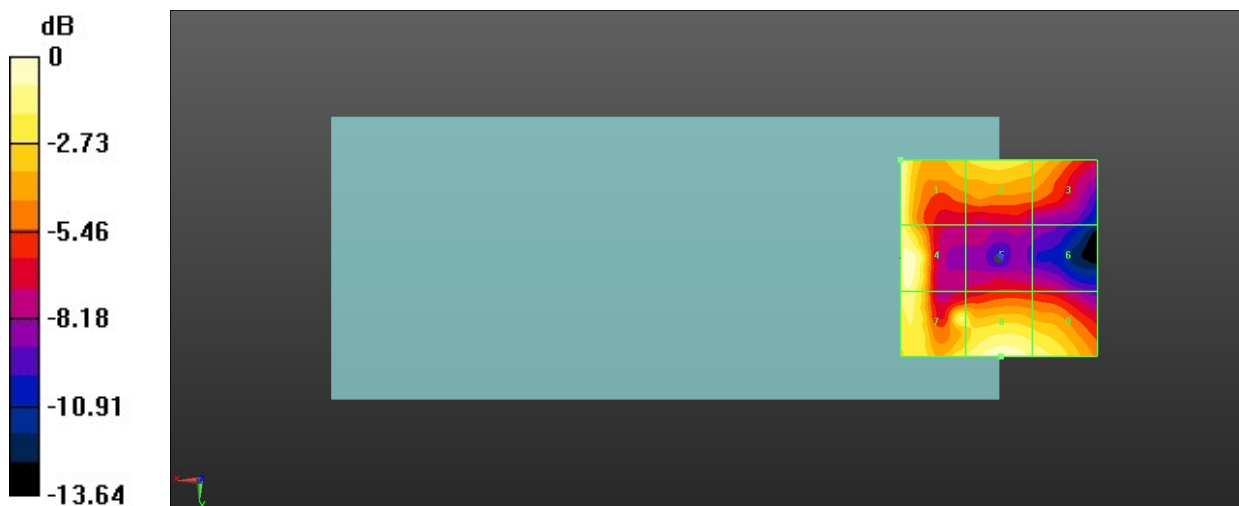
MIF scaled E-field

Grid 1 M4 25.01 dBV/m	Grid 2 M4 22.85 dBV/m	Grid 3 M4 22.22 dBV/m
Grid 4 M4 24.65 dBV/m	Grid 5 M4 18.91 dBV/m	Grid 6 M4 18.6 dBV/m
Grid 7 M4 23.98 dBV/m	Grid 8 M4 24.78 dBV/m	Grid 9 M4 23.82 dBV/m

Total = 25.01 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 17.80 V/m = 25.01 dBV/m

7_HAC RF LTE B41 HPUE_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 16.50 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.79 dBV/m

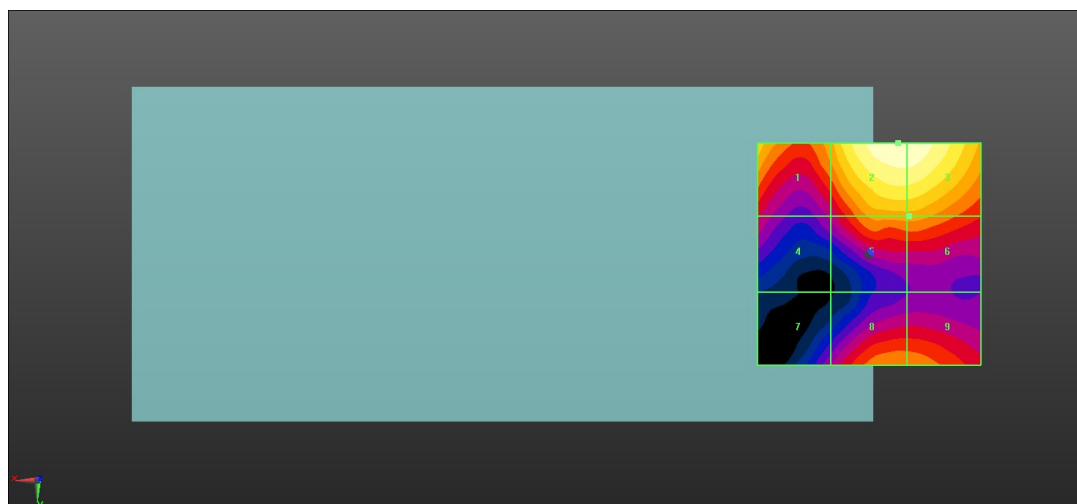
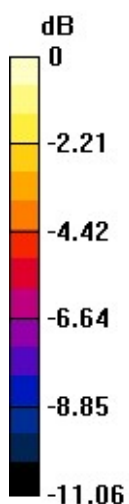
MIF scaled E-field

Grid 1 M4 24.48 dBV/m	Grid 2 M4 26.79 dBV/m	Grid 3 M4 26.74 dBV/m
Grid 4 M4 21.06 dBV/m	Grid 5 M4 23.49 dBV/m	Grid 6 M4 23.49 dBV/m
Grid 7 M4 20.22 dBV/m	Grid 8 M4 23.14 dBV/m	Grid 9 M4 23.11 dBV/m

Total = 26.79 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 21.84 V/m = 26.79 dBV/m

8_HAC RF LTE B41 HPUE_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 20.69 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.05 dBV/m

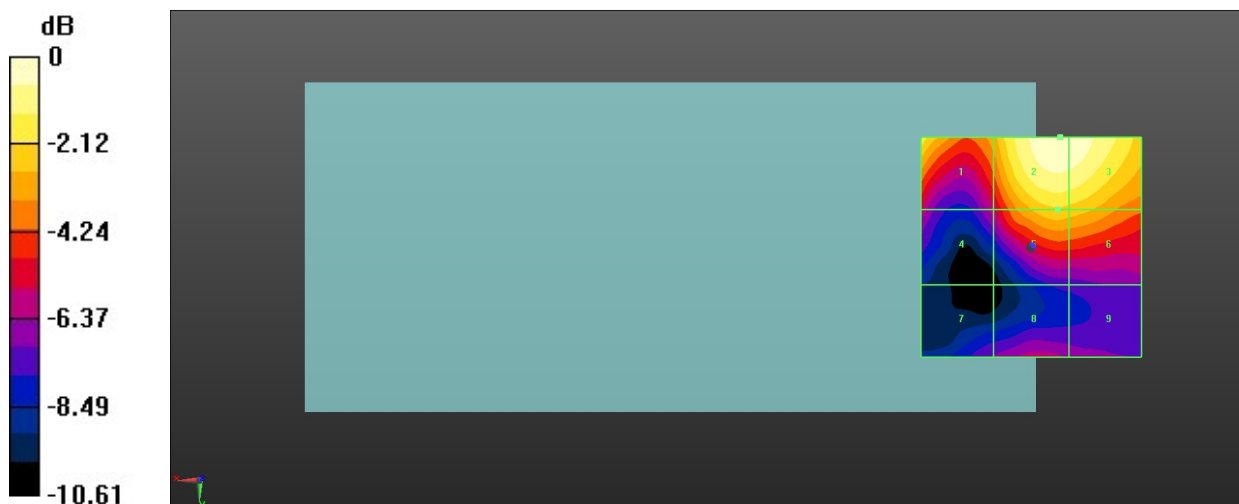
MIF scaled E-field

Grid 1 M4 24.47 dBV/m	Grid 2 M4 26.05 dBV/m	Grid 3 M4 25.97 dBV/m
Grid 4 M4 20.39 dBV/m	Grid 5 M4 23.8 dBV/m	Grid 6 M4 23.67 dBV/m
Grid 7 M4 19.11 dBV/m	Grid 8 M4 20.09 dBV/m	Grid 9 M4 19.47 dBV/m

Total = 26.05 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 20.06 V/m = 26.05 dBV/m

9_HAC RF LTE B41 HPUE_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 21.04 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.69 dBV/m

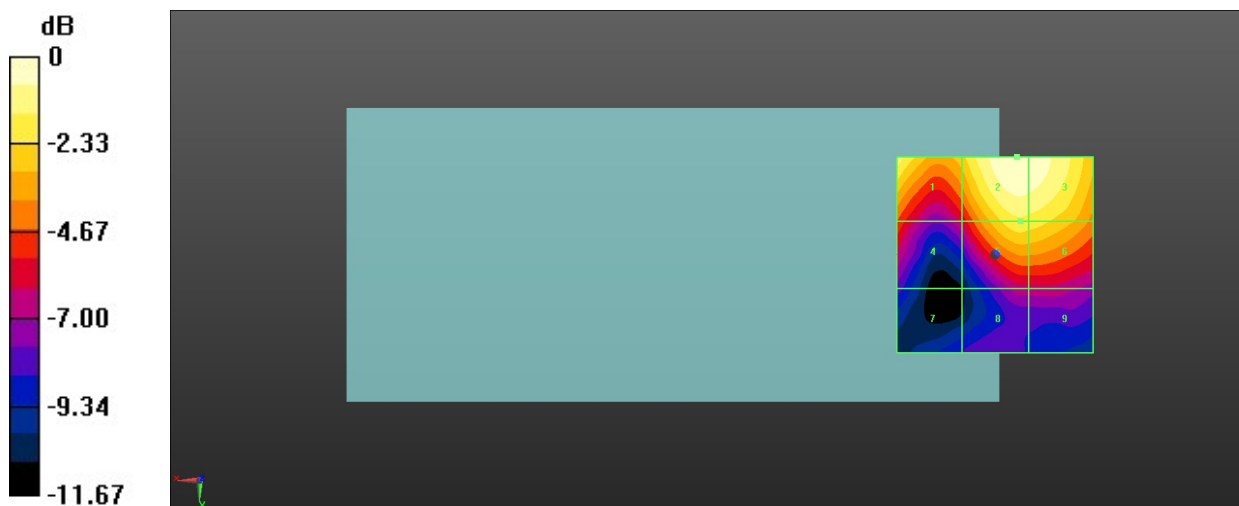
MIF scaled E-field

Grid 1 M4 25.73 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 26.53 dBV/m
Grid 4 M4 22.06 dBV/m	Grid 5 M4 24.92 dBV/m	Grid 6 M4 24.81 dBV/m
Grid 7 M4 18.68 dBV/m	Grid 8 M4 20.25 dBV/m	Grid 9 M4 20.31 dBV/m

Total = 26.69 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 21.61 V/m = 26.69 dBV/m

10_HAC RF LTE B41 HPUE_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 19.89 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.04 dBV/m

MIF scaled E-field

Grid 1 M4 24.94 dBV/m	Grid 2 M4 26.04 dBV/m	Grid 3 M4 25.99 dBV/m
Grid 4 M4 21.25 dBV/m	Grid 5 M4 24.99 dBV/m	Grid 6 M4 24.99 dBV/m
Grid 7 M4 19.78 dBV/m	Grid 8 M4 20.85 dBV/m	Grid 9 M4 21.36 dBV/m

Total = 26.04 dBV/m

E Category: M4

Location: -6, -22.5, 8.7 mm



0 dB = 20.04 V/m = 26.04 dBV/m

11_HAC RF LTE B41 HPUE_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 24.37 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.55 dBV/m

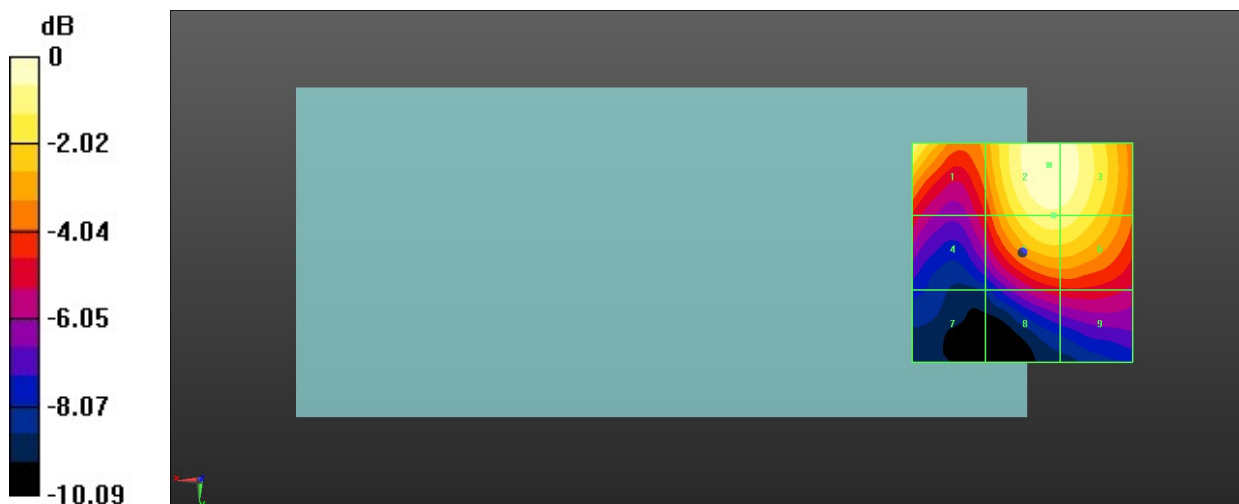
MIF scaled E-field

Grid 1 M4 25.84 dBV/m	Grid 2 M4 26.55 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 21.86 dBV/m	Grid 5 M4 25.71 dBV/m	Grid 6 M4 25.66 dBV/m
Grid 7 M4 18.81 dBV/m	Grid 8 M4 21.66 dBV/m	Grid 9 M4 21.76 dBV/m

Total = 26.55 dBV/m

E Category: M4

Location: -6, -20, 8.7 mm



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

12_HAC RF LTE B41 HPUE_20M_ANT 2_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 27.22 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.74 dBV/m

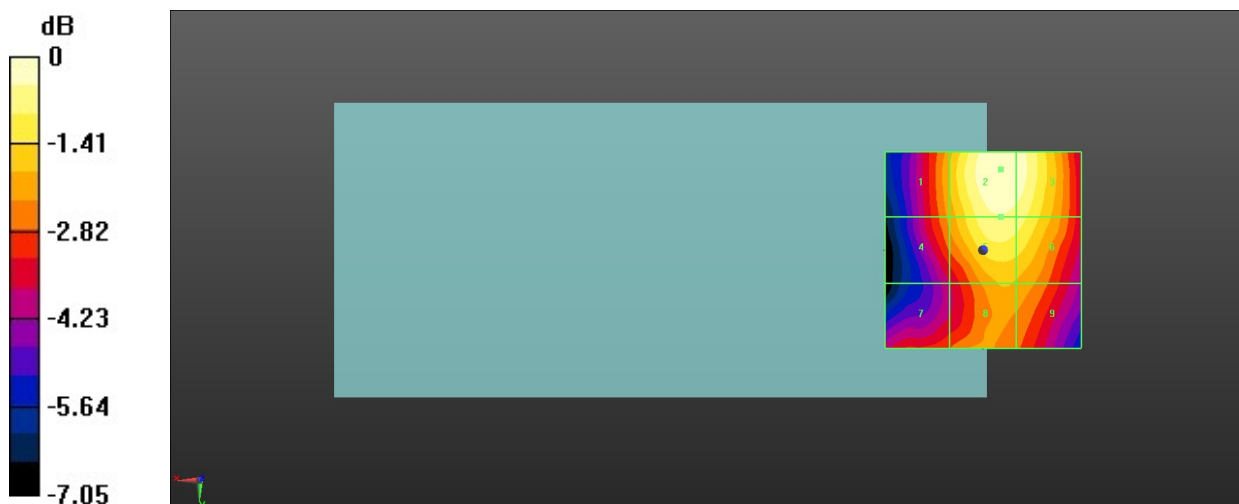
MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 24.74 dBV/m	Grid 3 M4 24.59 dBV/m
Grid 4 M4 22.57 dBV/m	Grid 5 M4 24.23 dBV/m	Grid 6 M4 24.07 dBV/m
Grid 7 M4 21.92 dBV/m	Grid 8 M4 22.92 dBV/m	Grid 9 M4 22.79 dBV/m

Total = 24.74 dBV/m

E Category: M4

Location: -4.5, -20.5, 8.7 mm



0 dB = 17.25 V/m = 24.74 dBV/m

13_HAC RF LTE B41 HPUE_20M_ANT 2_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 31.19 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.40 dBV/m

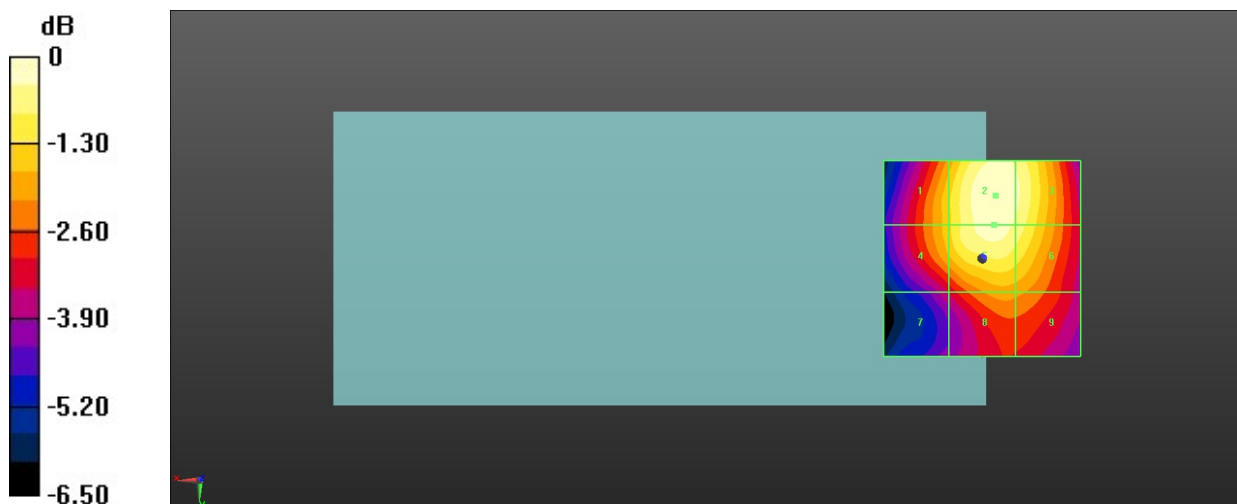
MIF scaled E-field

Grid 1 M4 24.05 dBV/m	Grid 2 M4 25.4 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 24 dBV/m	Grid 5 M4 25.21 dBV/m	Grid 6 M4 24.86 dBV/m
Grid 7 M4 22.03 dBV/m	Grid 8 M4 23.49 dBV/m	Grid 9 M4 23.4 dBV/m

Total = 25.40 dBV/m

E Category: M4

Location: -3.5, -16, 8.7 mm



0 dB = 18.62 V/m = 25.40 dBV/m

14_HAC RF LTE B41 HPUE_20M_ANT 2_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 33.35 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.22 dBV/m

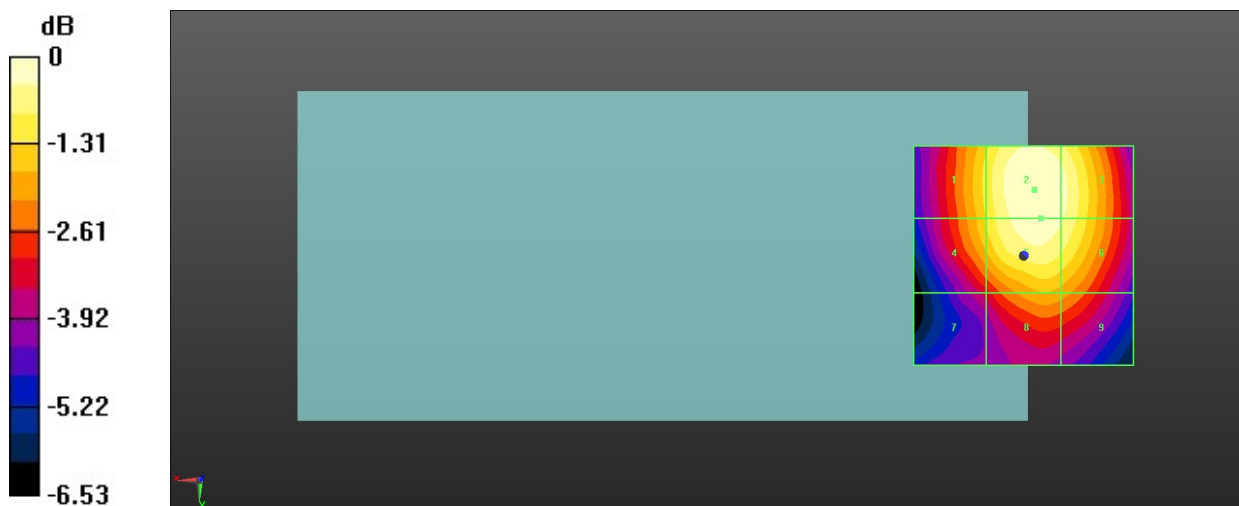
MIF scaled E-field

Grid 1 M4 25.1 dBV/m	Grid 2 M4 26.22 dBV/m	Grid 3 M4 25.96 dBV/m
Grid 4 M4 24.95 dBV/m	Grid 5 M4 26.11 dBV/m	Grid 6 M4 25.84 dBV/m
Grid 7 M4 22.97 dBV/m	Grid 8 M4 24.46 dBV/m	Grid 9 M4 24.27 dBV/m

Total = 26.22 dBV/m

E Category: M4

Location: -2.5, -15, 8.7 mm



0 dB = 20.46 V/m = 26.22 dBV/m

15_HAC RF LTE B41 HPUE_20M_ANT 2_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 28.57 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.91 dBV/m

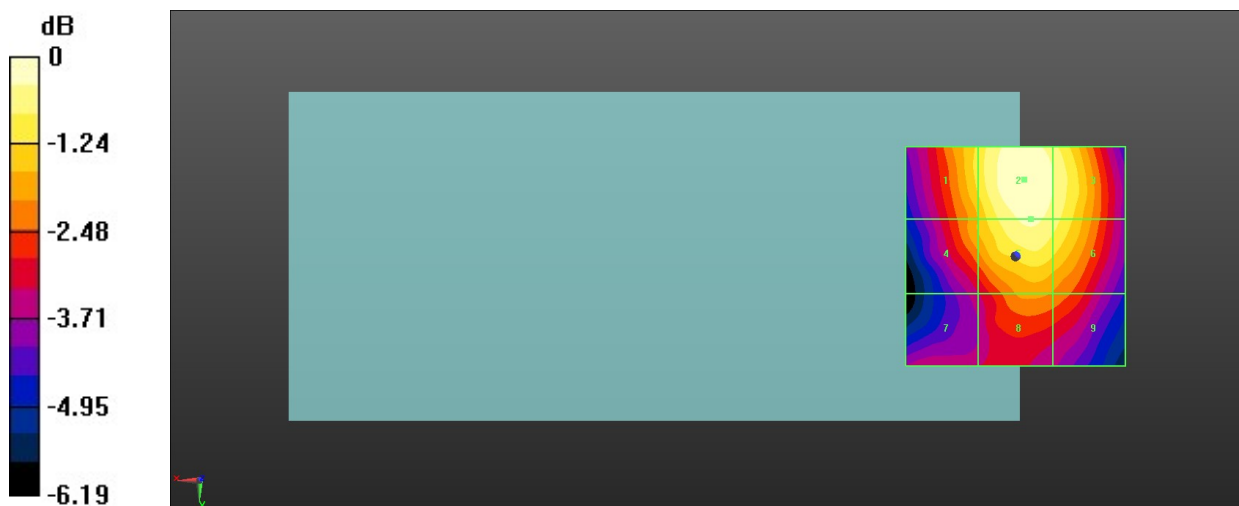
MIF scaled E-field

Grid 1 M4 23.87 dBV/m	Grid 2 M4 24.91 dBV/m	Grid 3 M4 24.52 dBV/m
Grid 4 M4 23.31 dBV/m	Grid 5 M4 24.58 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 21.62 dBV/m	Grid 8 M4 22.98 dBV/m	Grid 9 M4 22.79 dBV/m

Total = 24.91 dBV/m

E Category: M4

Location: -2, -17.5, 8.7 mm



0 dB = 17.59 V/m = 24.91 dBV/m

16_HAC RF LTE B41 HPUE_20M_ANT 2_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 26.77 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.00 dBV/m

MIF scaled E-field

Grid 1 M4 23.23 dBV/m	Grid 2 M4 25 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 22.7 dBV/m	Grid 5 M4 24.44 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 22.36 dBV/m	Grid 8 M4 23 dBV/m	Grid 9 M4 22.81 dBV/m

Total = 25.00 dBV/m

E Category: M4

Location: -4.5, -19.5, 8.7 mm



0 dB = 17.78 V/m = 25.00 dBV/m

17_HAC RF LTE B41 HPUE_20M_ANT 4_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 25.74 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.15 dBV/m

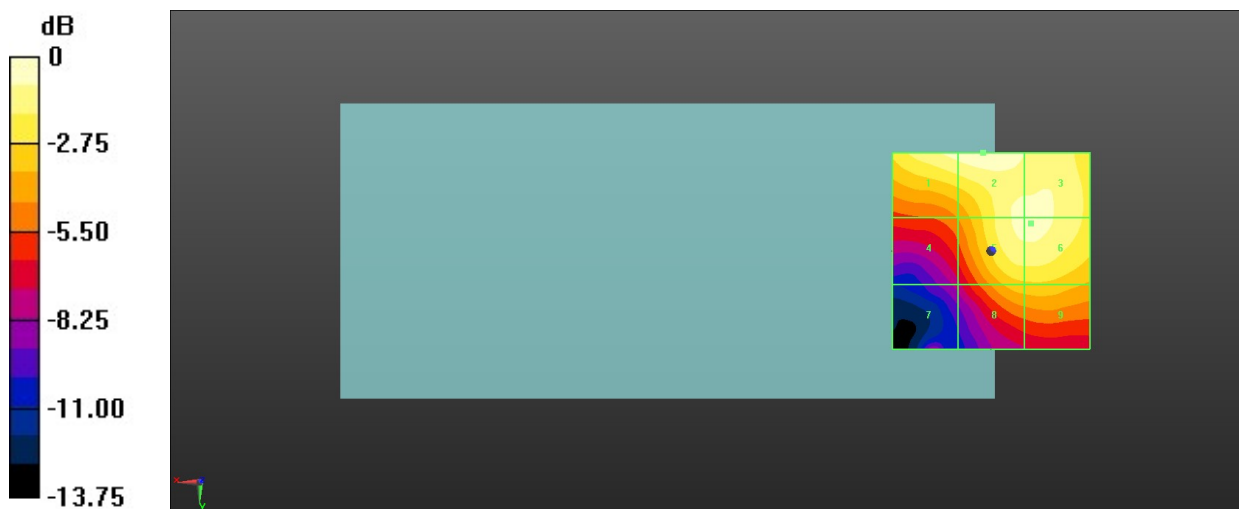
MIF scaled E-field

Grid 1 M4 24.72 dBV/m	Grid 2 M4 25.15 dBV/m	Grid 3 M4 24.53 dBV/m
Grid 4 M4 20.65 dBV/m	Grid 5 M4 24.51 dBV/m	Grid 6 M4 24.54 dBV/m
Grid 7 M4 17.45 dBV/m	Grid 8 M4 22.18 dBV/m	Grid 9 M4 22.27 dBV/m

Total = 25.15 dBV/m

E Category: M4

Location: 2, -25, 8.7 mm



0 dB = 18.10 V/m = 25.15 dBV/m

18_HAC RF LTE B41 HPUE_20M_ANT 4_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 26.77 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.18 dBV/m

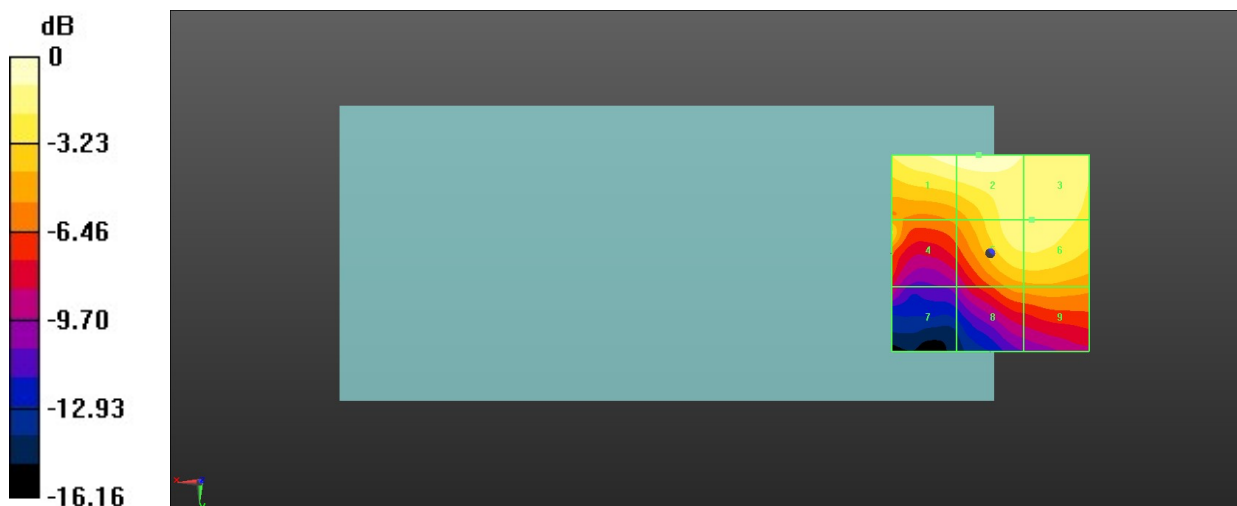
MIF scaled E-field

Grid 1 M4 25.87 dBV/m	Grid 2 M4 26.18 dBV/m	Grid 3 M4 25.12 dBV/m
Grid 4 M4 23.27 dBV/m	Grid 5 M4 24.86 dBV/m	Grid 6 M4 24.89 dBV/m
Grid 7 M4 17.83 dBV/m	Grid 8 M4 21.44 dBV/m	Grid 9 M4 21.66 dBV/m

Total = 26.18 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



0 dB = 20.36 V/m = 26.18 dBV/m

19_HAC RF LTE B41 HPUE_20M_ANT 4_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 26.25 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.73 dBV/m

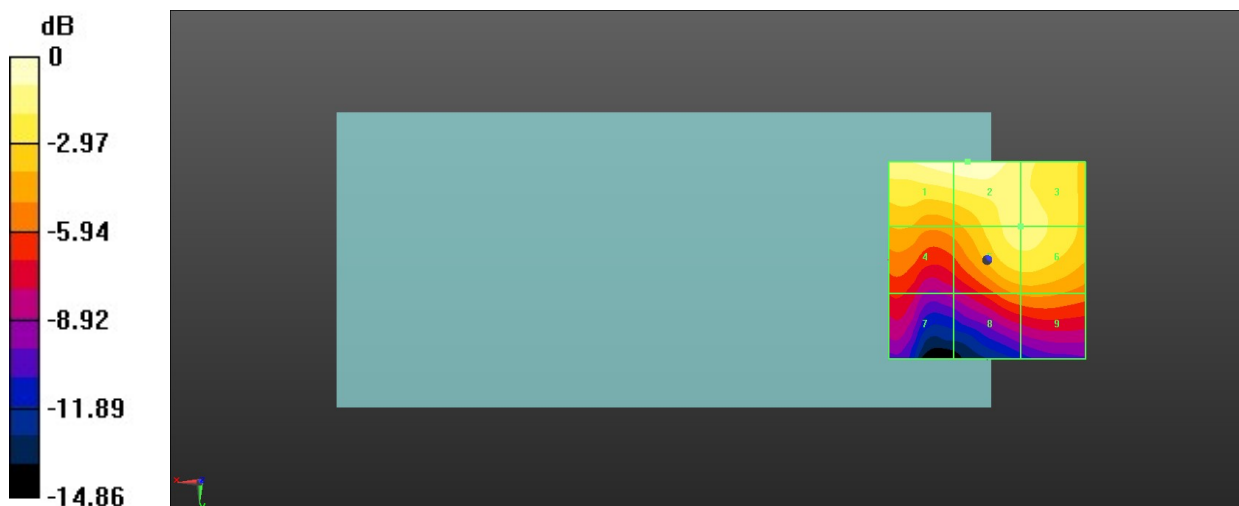
MIF scaled E-field

Grid 1 M4 26.54 dBV/m	Grid 2 M4 26.73 dBV/m	Grid 3 M4 25.25 dBV/m
Grid 4 M4 22.9 dBV/m	Grid 5 M4 25.14 dBV/m	Grid 6 M4 25.14 dBV/m
Grid 7 M4 20.06 dBV/m	Grid 8 M4 21.96 dBV/m	Grid 9 M4 22.11 dBV/m

Total = 26.73 dBV/m

E Category: M4

Location: 5, -25, 8.7 mm



0 dB = 21.71 V/m = 26.73 dBV/m

20_HAC RF LTE B41 HPUE_20M_ANT 4_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 22.39 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.49 dBV/m

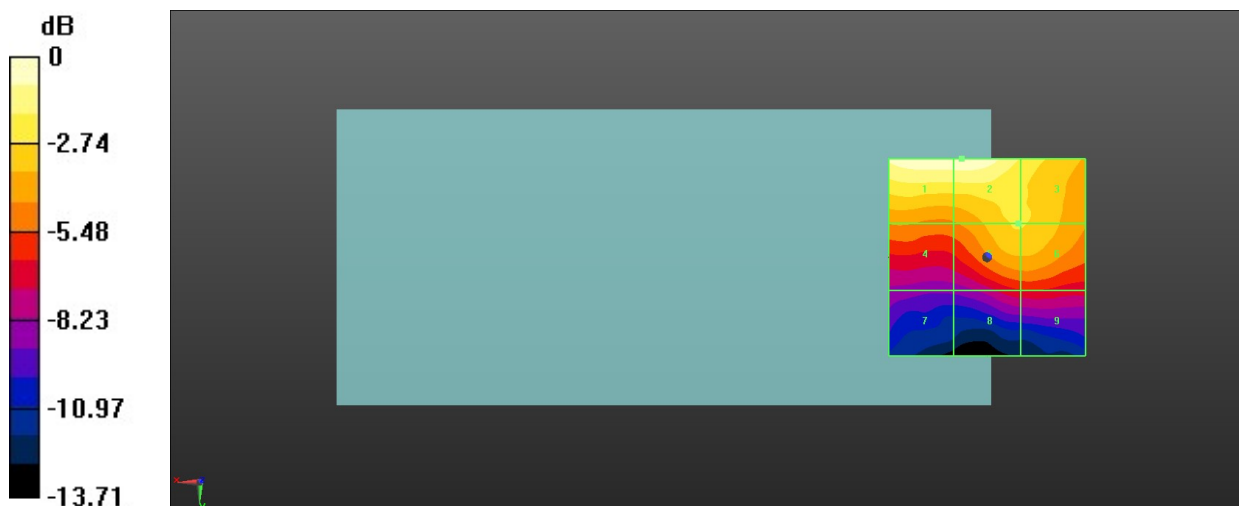
MIF scaled E-field

Grid 1 M4 25.41 dBV/m	Grid 2 M4 25.49 dBV/m	Grid 3 M4 23.63 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 22.82 dBV/m	Grid 6 M4 22.82 dBV/m
Grid 7 M4 17.12 dBV/m	Grid 8 M4 18.97 dBV/m	Grid 9 M4 19.05 dBV/m

Total = 25.49 dBV/m

E Category: M4

Location: 6.5, -25, 8.7 mm



0 dB = 18.82 V/m = 25.49 dBV/m

21_HAC RF LTE B41 HPUE_20M_ANT 4_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: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn690; Calibrated: 2023/6/20
- 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 = 19.16 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.41 dBV/m

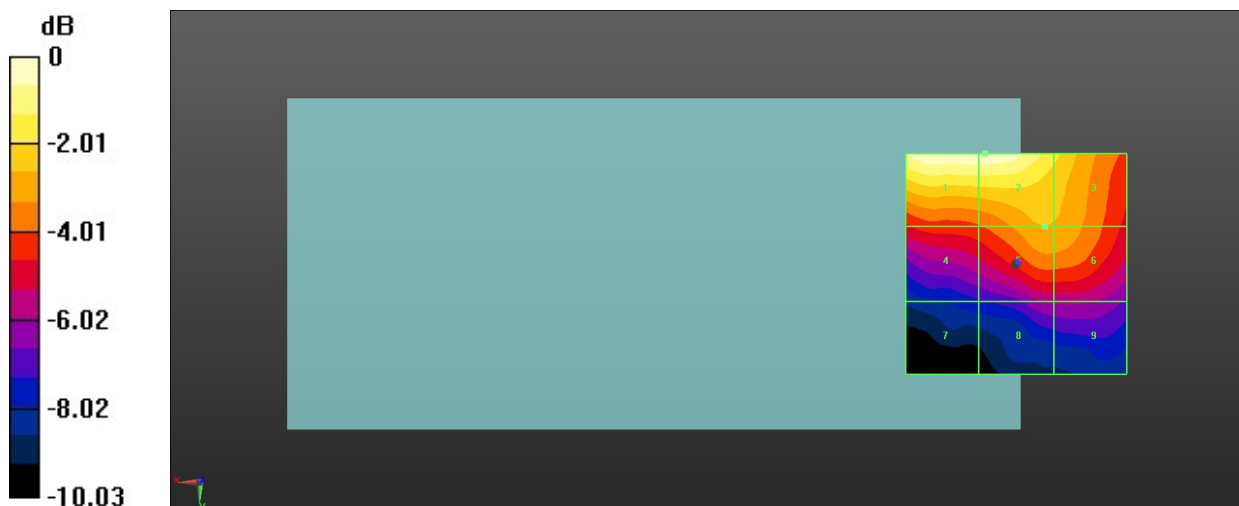
MIF scaled E-field

Grid 1 M4 25.39 dBV/m	Grid 2 M4 25.41 dBV/m	Grid 3 M4 23.68 dBV/m
Grid 4 M4 21.34 dBV/m	Grid 5 M4 22.73 dBV/m	Grid 6 M4 22.68 dBV/m
Grid 7 M4 17.97 dBV/m	Grid 8 M4 19.57 dBV/m	Grid 9 M4 19.61 dBV/m

Total = 25.41 dBV/m

E Category: M4

Location: 7, -25, 8.7 mm



0 dB = 18.64 V/m = 25.41 dBV/m