

01_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 Sn1338; Calibrated: 2022/12/15
- 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 = 75.83 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.73 dBV/m

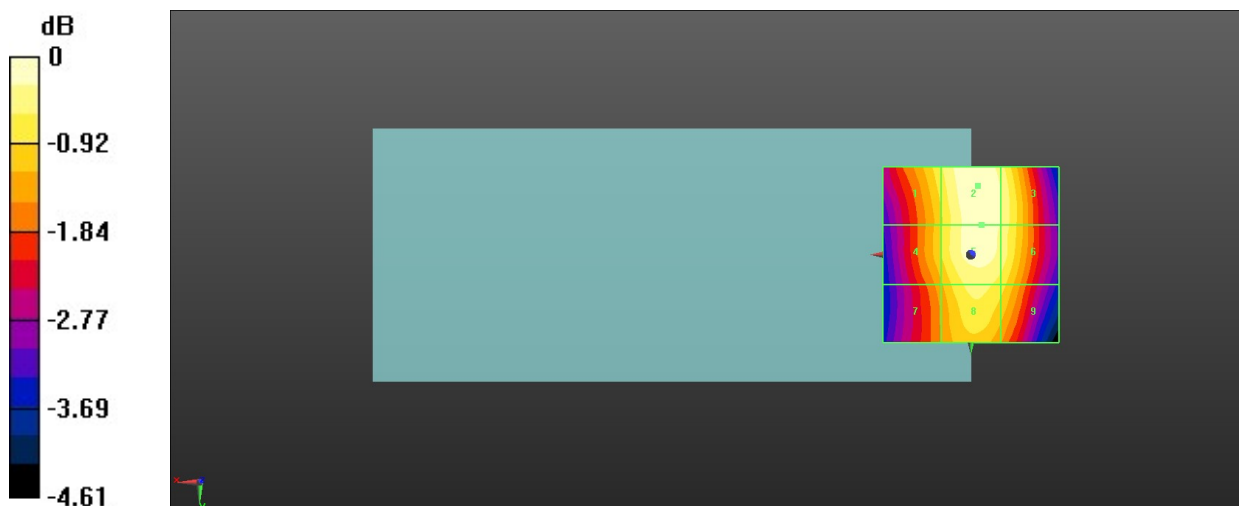
MIF scaled E-field

Grid 1 M4 38.07 dBV/m	Grid 2 M4 38.73 dBV/m	Grid 3 M4 38.44 dBV/m
Grid 4 M4 37.81 dBV/m	Grid 5 M4 38.65 dBV/m	Grid 6 M4 38.39 dBV/m
Grid 7 M4 37.43 dBV/m	Grid 8 M4 38.24 dBV/m	Grid 9 M4 37.96 dBV/m

Total = 38.73 dBV/m

E Category: M4

Location: -2, -19.5, 8.7 mm



0 dB = 86.38 V/m = 38.73 dBV/m

02_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 Sn1338; Calibrated: 2022/12/15
- 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 = 68.86 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.99 dBV/m

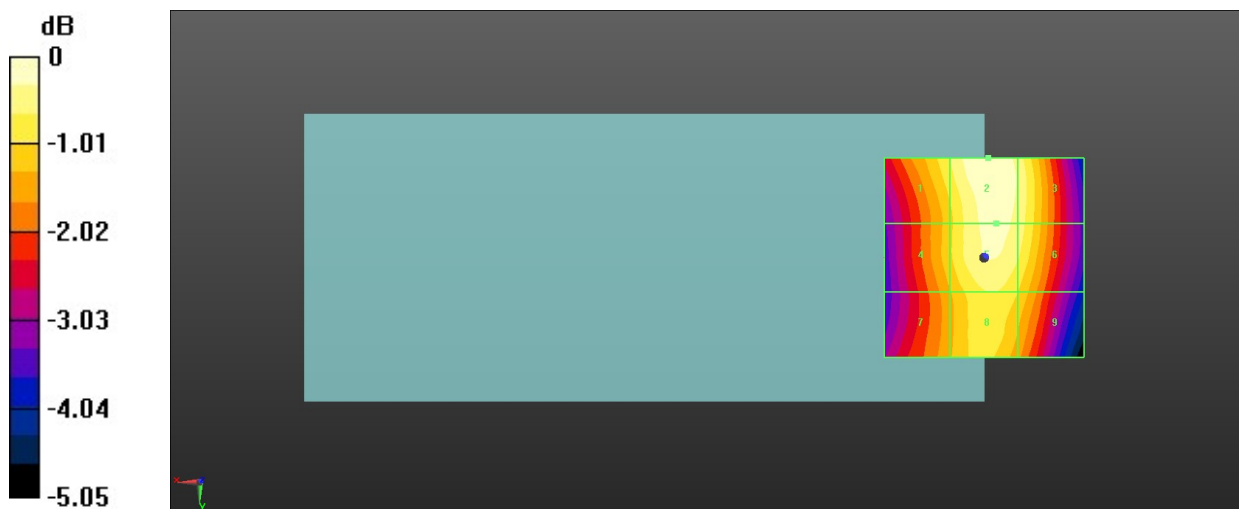
MIF scaled E-field

Grid 1 M4 37.34 dBV/m	Grid 2 M4 37.99 dBV/m	Grid 3 M4 37.62 dBV/m
Grid 4 M4 36.94 dBV/m	Grid 5 M4 37.79 dBV/m	Grid 6 M4 37.52 dBV/m
Grid 7 M4 36.63 dBV/m	Grid 8 M4 37.33 dBV/m	Grid 9 M4 36.99 dBV/m

Total = 37.99 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 79.39 V/m = 38.00 dBV/m

03_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 Sn1338; Calibrated: 2022/12/15
- 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 = 67.93 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.75 dBV/m

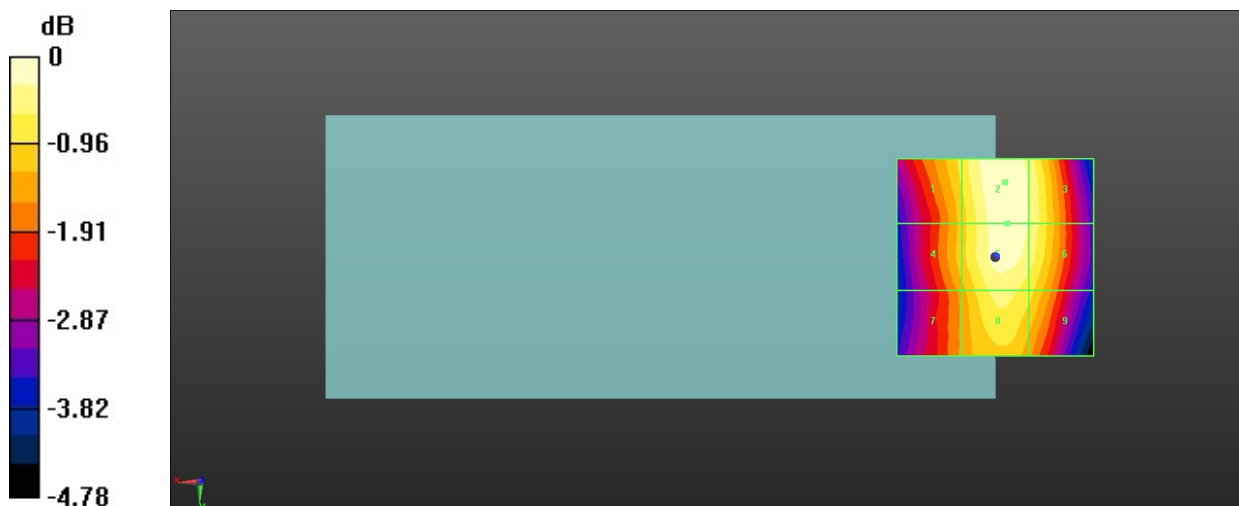
MIF scaled E-field

Grid 1 M4 36.93 dBV/m	Grid 2 M4 37.75 dBV/m	Grid 3 M4 37.45 dBV/m
Grid 4 M4 36.69 dBV/m	Grid 5 M4 37.67 dBV/m	Grid 6 M4 37.42 dBV/m
Grid 7 M4 36.33 dBV/m	Grid 8 M4 37.25 dBV/m	Grid 9 M4 36.93 dBV/m

Total = 37.75 dBV/m

E Category: M4

Location: -2.5, -19, 8.7 mm



0 dB = 77.16 V/m = 37.75 dBV/m

04_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 Sn1338; Calibrated: 2022/12/15
- 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 = 10.74 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.06 dBV/m

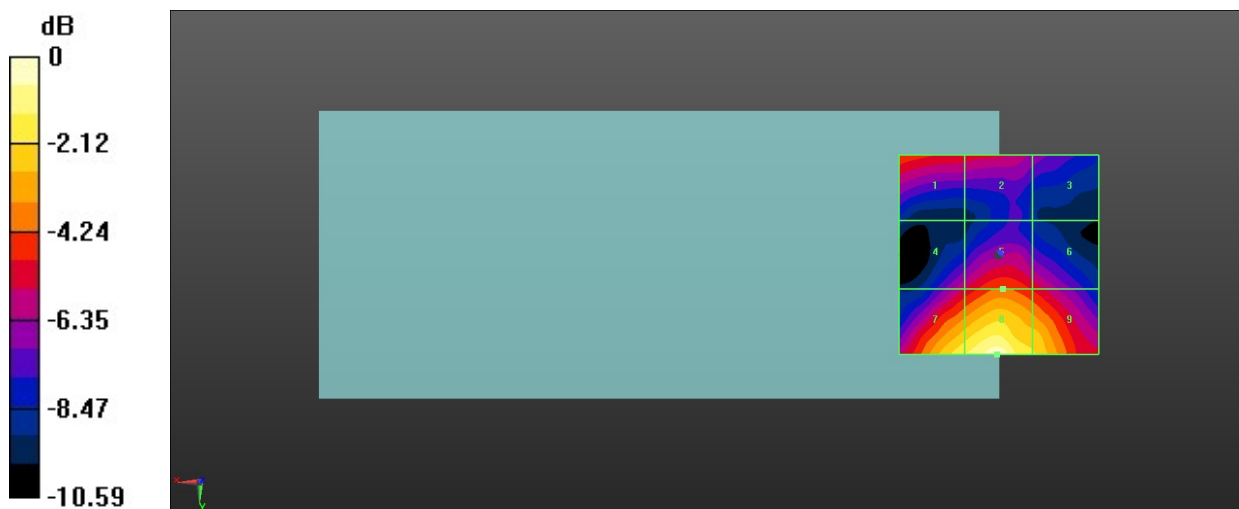
MIF scaled E-field

Grid 1 M4 25.81 dBV/m	Grid 2 M4 24.96 dBV/m	Grid 3 M4 23.54 dBV/m
Grid 4 M4 24.47 dBV/m	Grid 5 M4 25.93 dBV/m	Grid 6 M4 25.01 dBV/m
Grid 7 M4 28.68 dBV/m	Grid 8 M3 30.06 dBV/m	Grid 9 M4 28.07 dBV/m

Total = 30.06 dBV/m

E Category: M3

Location: 0.5, 25, 8.7 mm



0 dB = 31.86 V/m = 30.06 dBV/m

05_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 Sn1338; Calibrated: 2022/12/15
- 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 = 7.895 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.25 dBV/m

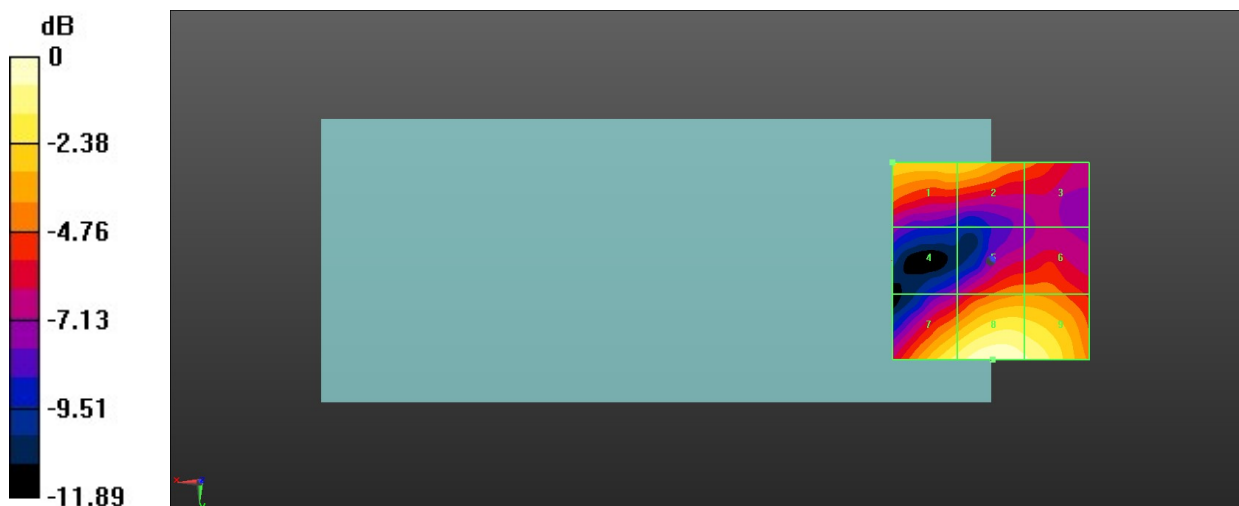
MIF scaled E-field

Grid 1 M4 26.01 dBV/m	Grid 2 M4 25.89 dBV/m	Grid 3 M4 23.99 dBV/m
Grid 4 M4 21.2 dBV/m	Grid 5 M4 24.24 dBV/m	Grid 6 M4 24.25 dBV/m
Grid 7 M4 27.03 dBV/m	Grid 8 M4 28.25 dBV/m	Grid 9 M4 27.61 dBV/m

Total = 28.25 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 25.84 V/m = 28.25 dBV/m

06_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 Sn1338; Calibrated: 2022/12/15
- 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 = 6.556 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.08 dBV/m

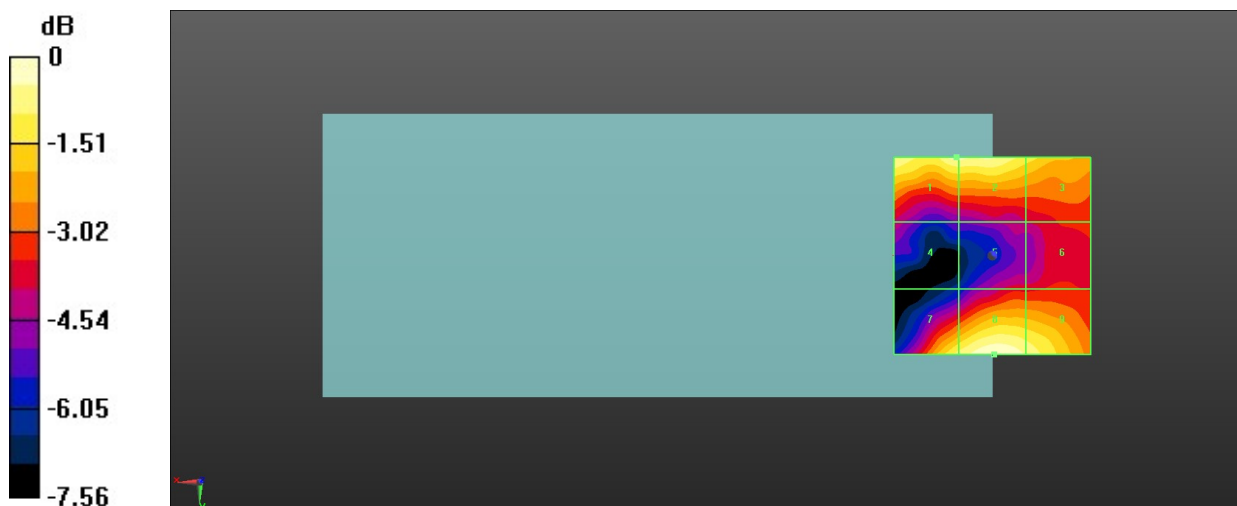
MIF scaled E-field

Grid 1 M4 25.83 dBV/m	Grid 2 M4 25.82 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 21.97 dBV/m	Grid 5 M4 22.42 dBV/m	Grid 6 M4 22.8 dBV/m
Grid 7 M4 25.32 dBV/m	Grid 8 M4 26.08 dBV/m	Grid 9 M4 25.49 dBV/m

Total = 26.08 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 20.14 V/m = 26.08 dBV/m

07_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 Sn1338; Calibrated: 2022/12/15
- 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 = 12.11 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.90 dBV/m

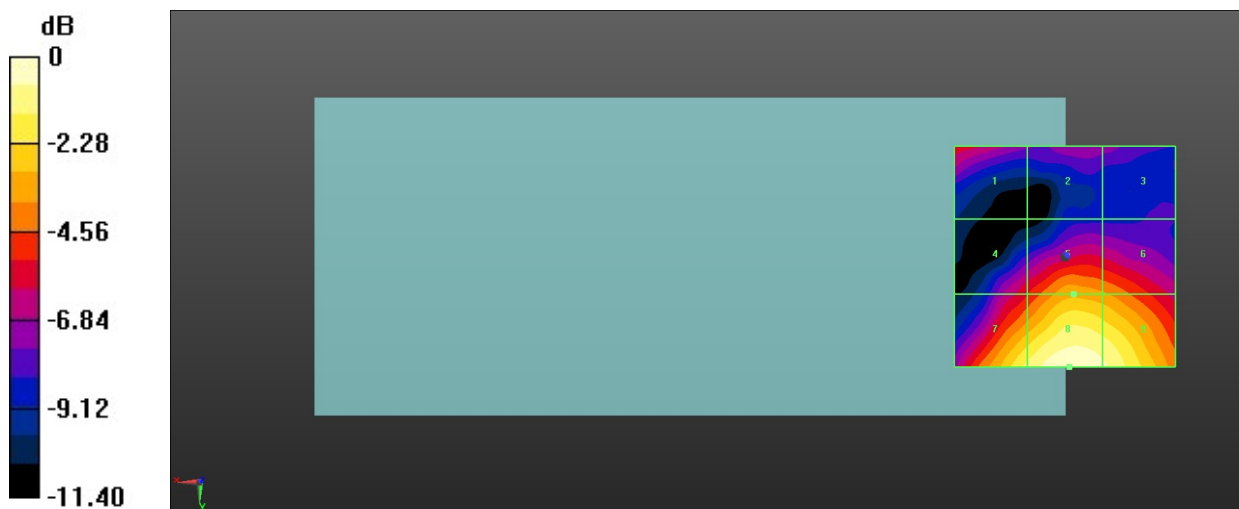
MIF scaled E-field

Grid 1 M4 22.3 dBV/m	Grid 2 M4 20.95 dBV/m	Grid 3 M4 20.84 dBV/m
Grid 4 M4 22.6 dBV/m	Grid 5 M4 24.68 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 26.64 dBV/m	Grid 8 M4 27.9 dBV/m	Grid 9 M4 27.32 dBV/m

Total = 27.90 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 24.82 V/m = 27.90 dBV/m

08_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 Sn1338; Calibrated: 2022/12/15
- 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 = 13.53 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.42 dBV/m

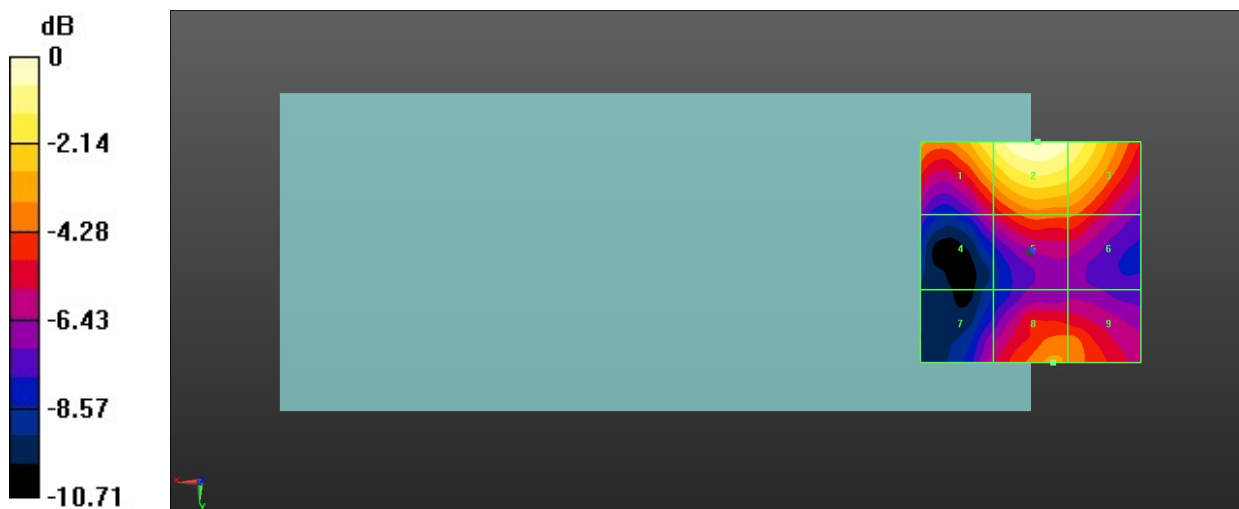
MIF scaled E-field

Grid 1 M4 24.17 dBV/m	Grid 2 M4 25.42 dBV/m	Grid 3 M4 24.79 dBV/m
Grid 4 M4 19.72 dBV/m	Grid 5 M4 21.53 dBV/m	Grid 6 M4 21.35 dBV/m
Grid 7 M4 19.45 dBV/m	Grid 8 M4 22.11 dBV/m	Grid 9 M4 21.65 dBV/m

Total = 25.42 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 18.66 V/m = 25.42 dBV/m

09_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 Sn1338; Calibrated: 2022/12/15
- 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 = 17.57 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.48 dBV/m

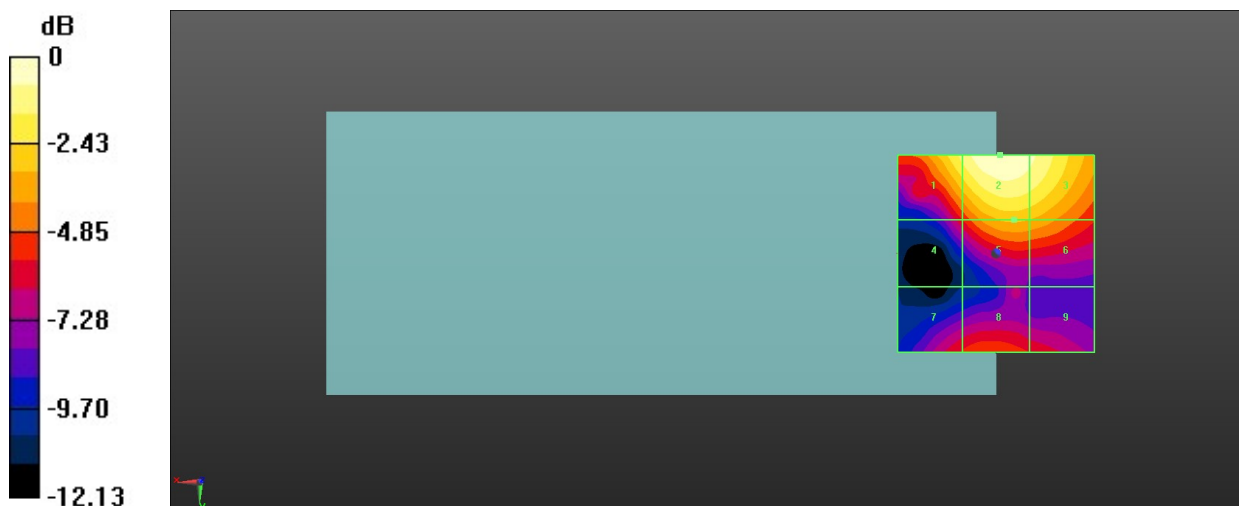
MIF scaled E-field

Grid 1 M4 25.19 dBV/m	Grid 2 M4 26.48 dBV/m	Grid 3 M4 25.89 dBV/m
Grid 4 M4 20.84 dBV/m	Grid 5 M4 23.42 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 20.94 dBV/m	Grid 8 M4 21.59 dBV/m	Grid 9 M4 20.82 dBV/m

Total = 26.48 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 21.09 V/m = 26.48 dBV/m

10_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 Sn1338; Calibrated: 2022/12/15
- 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 = 18.03 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.93 dBV/m

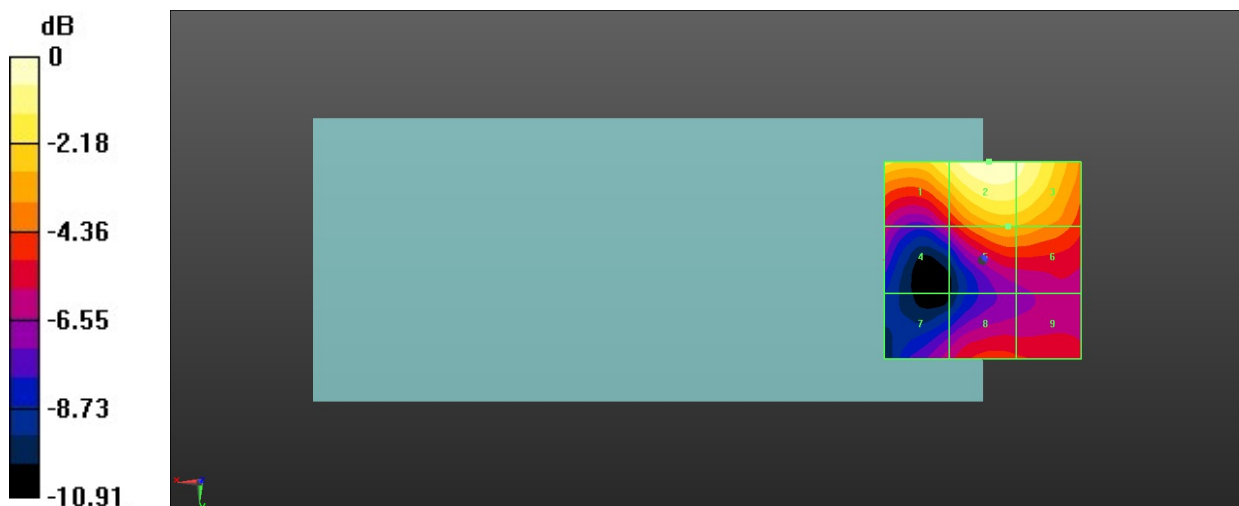
MIF scaled E-field

Grid 1 M4 25.79 dBV/m	Grid 2 M4 26.93 dBV/m	Grid 3 M4 26.52 dBV/m
Grid 4 M4 21.11 dBV/m	Grid 5 M4 24.02 dBV/m	Grid 6 M4 23.96 dBV/m
Grid 7 M4 20.86 dBV/m	Grid 8 M4 22.22 dBV/m	Grid 9 M4 22.02 dBV/m

Total = 26.93 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 22.21 V/m = 26.93 dBV/m

11_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 Sn1338; Calibrated: 2022/12/15
- 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 = 16.91 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.59 dBV/m

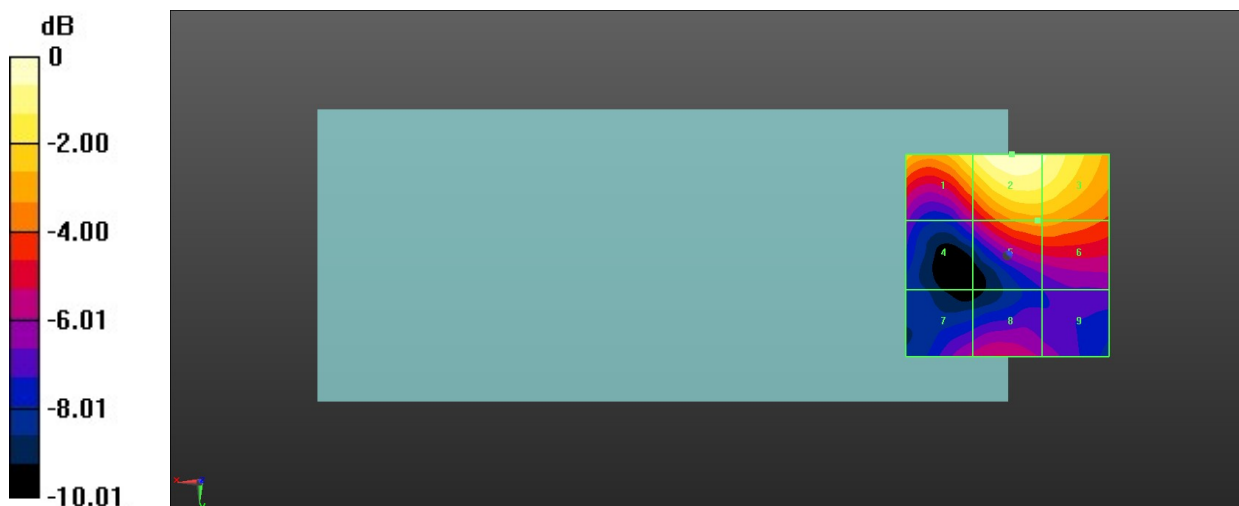
MIF scaled E-field

Grid 1 M4 26.47 dBV/m	Grid 2 M4 27.59 dBV/m	Grid 3 M4 27.08 dBV/m
Grid 4 M4 21.69 dBV/m	Grid 5 M4 24.59 dBV/m	Grid 6 M4 24.58 dBV/m
Grid 7 M4 21.84 dBV/m	Grid 8 M4 22.36 dBV/m	Grid 9 M4 21.52 dBV/m

Total = 27.59 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 23.96 V/m = 27.59 dBV/m

12_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 Sn1338; Calibrated: 2022/12/15
- 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 = 18.03 V/m; Power Drift = -0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.48 dBV/m

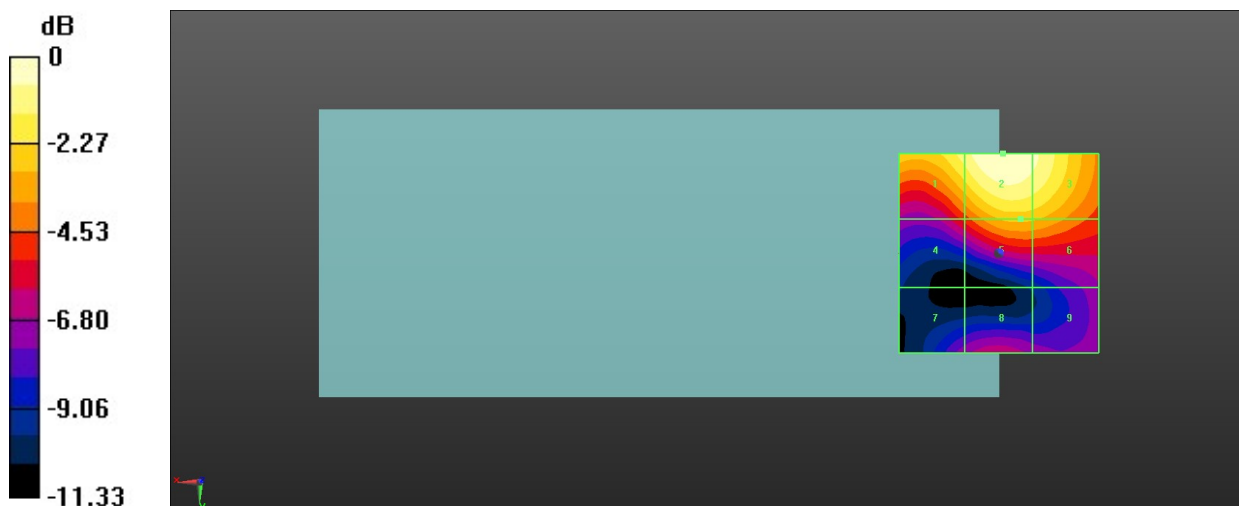
MIF scaled E-field

Grid 1 M4 26.41 dBV/m	Grid 2 M4 27.48 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 24.68 dBV/m	Grid 6 M4 24.56 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 21.24 dBV/m	Grid 9 M4 20.63 dBV/m

Total = 27.48 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 23.67 V/m = 27.48 dBV/m

13_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 Sn1338; Calibrated: 2022/12/15
- 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 = 11.30 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.61 dBV/m

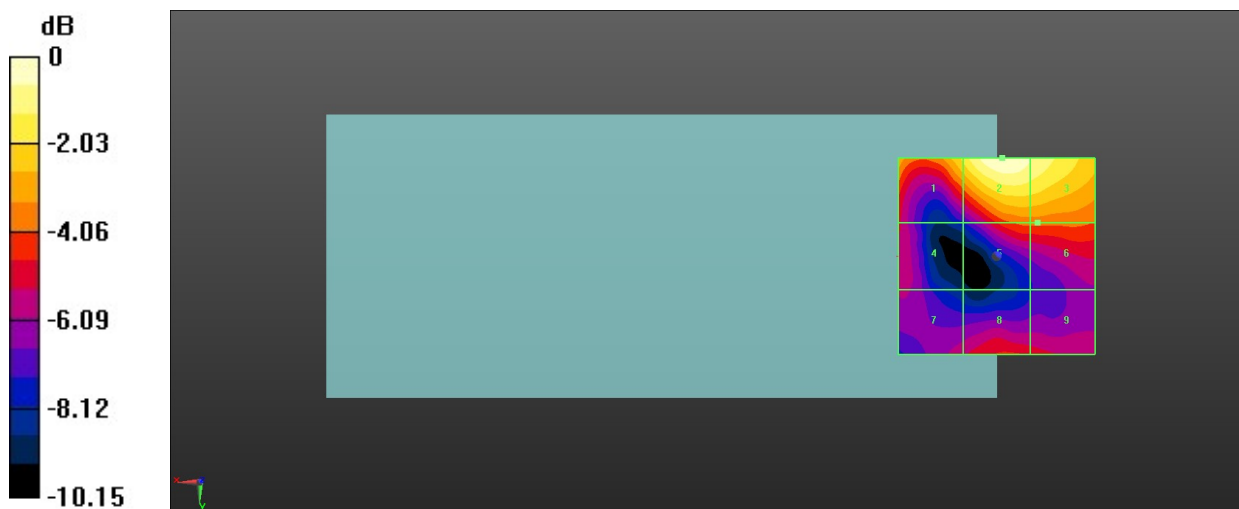
MIF scaled E-field

Grid 1 M4 23.8 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.02 dBV/m
Grid 4 M4 20.43 dBV/m	Grid 5 M4 21.78 dBV/m	Grid 6 M4 21.79 dBV/m
Grid 7 M4 20.11 dBV/m	Grid 8 M4 21.04 dBV/m	Grid 9 M4 20.71 dBV/m

Total = 25.61 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 19.07 V/m = 25.61 dBV/m

14_HAC RF LTE B48_20M_ANT 5_QPSK_1RB_0Offset_Ch55340

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
 Frequency: 3560 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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch55340/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 = 43.36 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.94 dBV/m

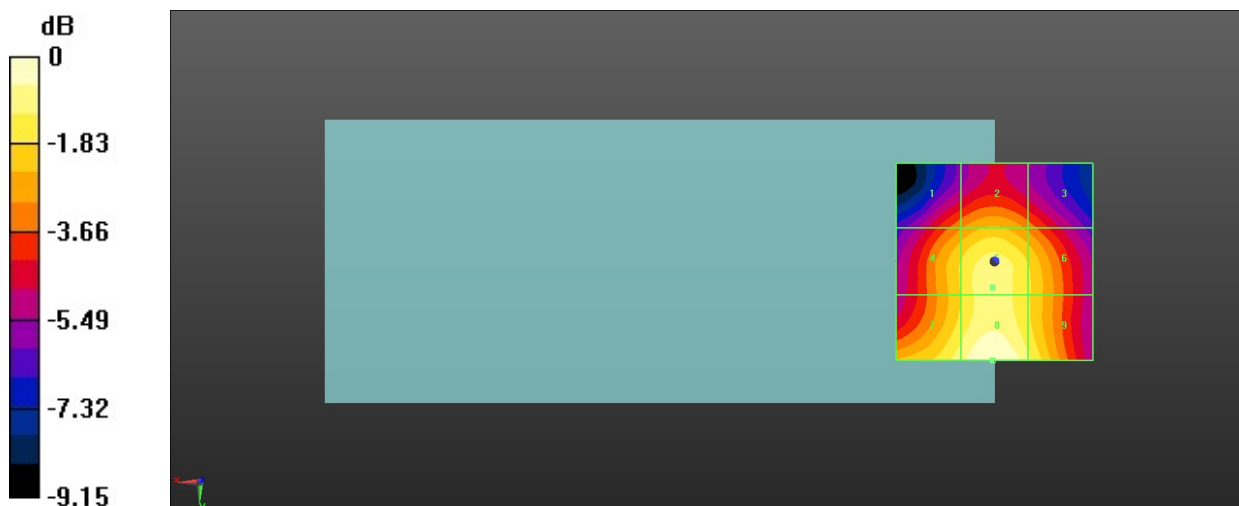
MIF scaled E-field

Grid 1 M4 24.87 dBV/m	Grid 2 M4 25.63 dBV/m	Grid 3 M4 24.71 dBV/m
Grid 4 M4 26.22 dBV/m	Grid 5 M4 27.05 dBV/m	Grid 6 M4 26.25 dBV/m
Grid 7 M4 27.12 dBV/m	Grid 8 M4 27.94 dBV/m	Grid 9 M4 26.93 dBV/m

Total = 27.94 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



0 dB = 24.96 V/m = 27.94 dBV/m

15_HAC RF LTE B48_20M_ANT 5_QPSK_1RB_0Offset_Ch55830

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
 Frequency: 3609 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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch55830/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 = 38.88 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.16 dBV/m

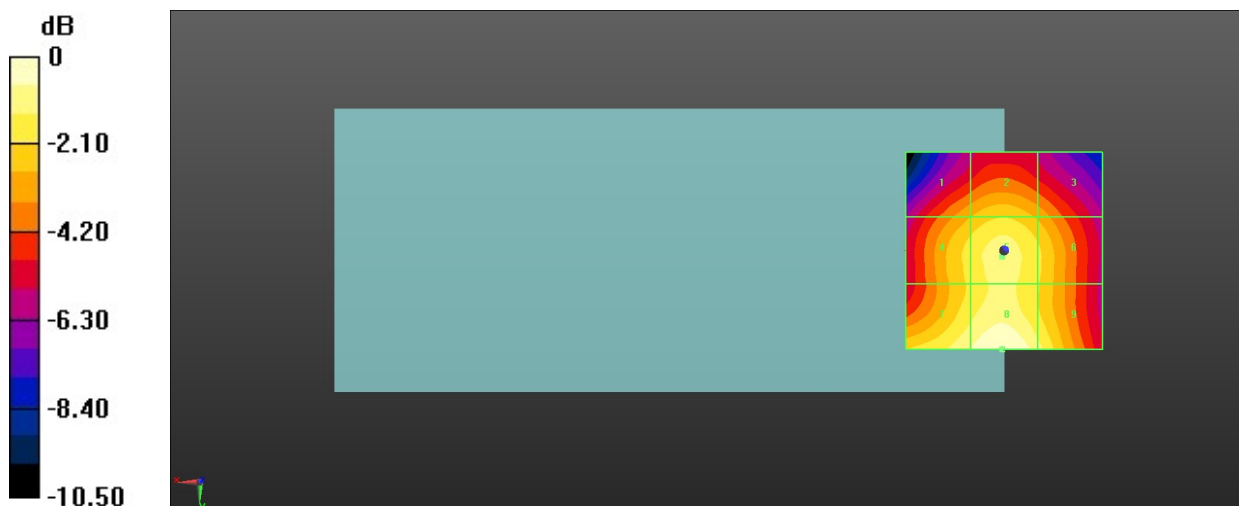
MIF scaled E-field

Grid 1 M4 24.36 dBV/m	Grid 2 M4 25.04 dBV/m	Grid 3 M4 24.23 dBV/m
Grid 4 M4 25.4 dBV/m	Grid 5 M4 26.11 dBV/m	Grid 6 M4 25.24 dBV/m
Grid 7 M4 26.5 dBV/m	Grid 8 M4 27.16 dBV/m	Grid 9 M4 26.07 dBV/m

Total = 27.16 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



0 dB = 22.79 V/m = 27.15 dBV/m

16_HAC RF LTE B48_20M_ANT 5_QPSK_1RB_0Offset_Ch56150

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
 Frequency: 3641 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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch56150/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 = 41.58 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.63 dBV/m

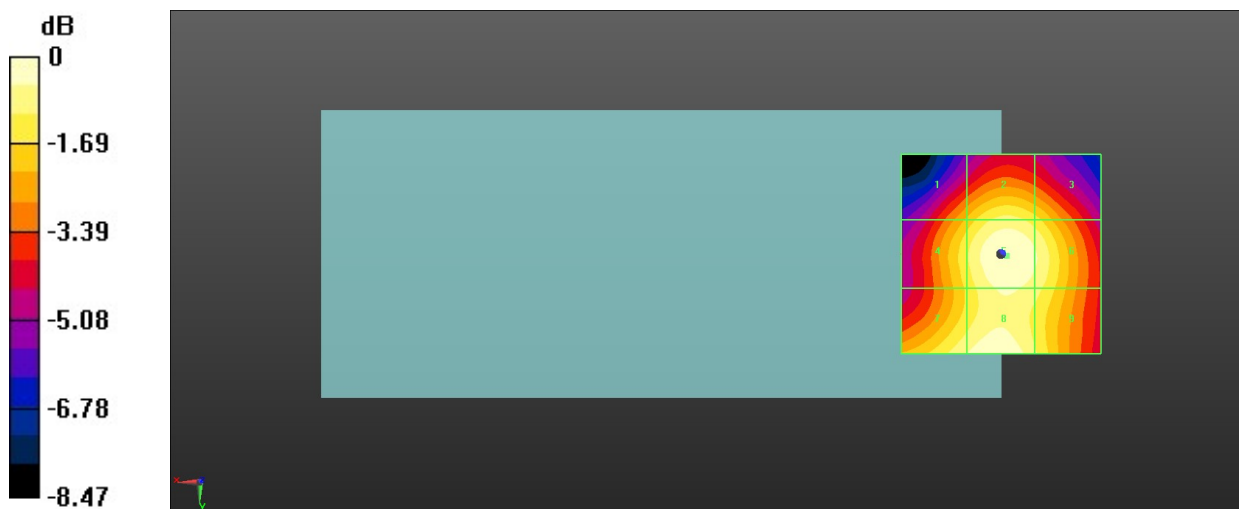
MIF scaled E-field

Grid 1 M4 24.54 dBV/m	Grid 2 M4 25.74 dBV/m	Grid 3 M4 25.2 dBV/m
Grid 4 M4 25.45 dBV/m	Grid 5 M4 26.63 dBV/m	Grid 6 M4 26.15 dBV/m
Grid 7 M4 26.1 dBV/m	Grid 8 M4 26.57 dBV/m	Grid 9 M4 25.76 dBV/m

Total = 26.63 dBV/m

E Category: M4

Location: -1.5, 0.5, 8.7 mm



0 dB = 21.47 V/m = 26.64 dBV/m

17_HAC RF LTE B48_20M_ANT 5_QPSK_1RB_0Offset_Ch56640

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
 Frequency: 3690 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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch56640/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 = 40.60 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.43 dBV/m

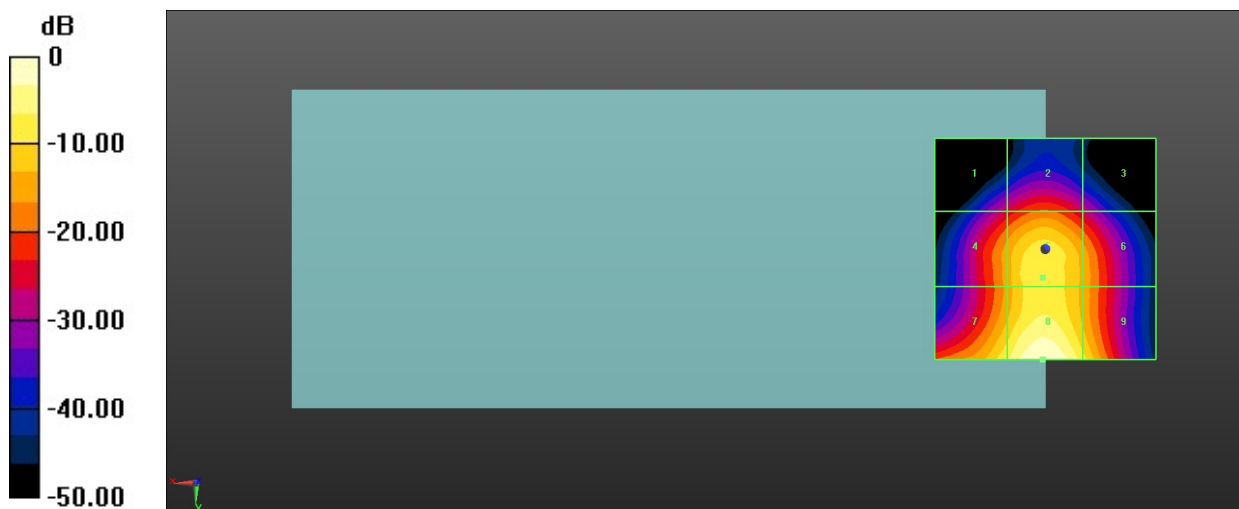
MIF scaled E-field

Grid 1 M4 24.8 dBV/m	Grid 2 M4 25.89 dBV/m	Grid 3 M4 25.8 dBV/m
Grid 4 M4 25.38 dBV/m	Grid 5 M4 26.43 dBV/m	Grid 6 M4 25.84 dBV/m
Grid 7 M4 25.78 dBV/m	Grid 8 M4 26.33 dBV/m	Grid 9 M4 25.52 dBV/m

Total = 26.43 dBV/m

E Category: M4

Location: -1, -1, 8.7 mm



0 dB = 20.97 V/m = 26.43 dBV/m

18_HAC RF LTE B48_20M_ANT 5_QPSK_1RB_0Offset_Ch55340

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
 Frequency: 3560 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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch55340/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 = 60.49 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 29.42 dBV/m

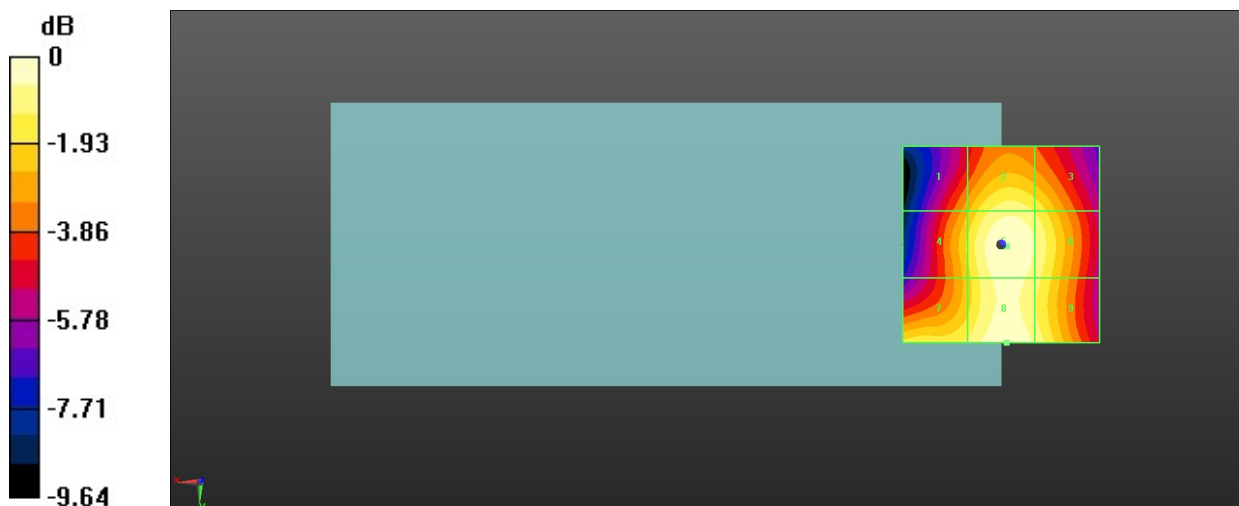
MIF scaled E-field

Grid 1 M4 26.77 dBV/m	Grid 2 M4 28.6 dBV/m	Grid 3 M4 28.08 dBV/m
Grid 4 M4 27.62 dBV/m	Grid 5 M4 29.41 dBV/m	Grid 6 M4 28.78 dBV/m
Grid 7 M4 28.32 dBV/m	Grid 8 M4 29.42 dBV/m	Grid 9 M4 28.72 dBV/m

Total = 29.42 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 29.59 V/m = 29.42 dBV/m

19_HAC RF FR1 N41 HPUE_100M_ANT 1_QPSK_1RB_1Offset_Ch509202

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 2546.01 MHz; Duty Cycle: 1:8.05008

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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch509202/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 = 14.04 V/m; Power Drift = 0.03 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.59 dBV/m

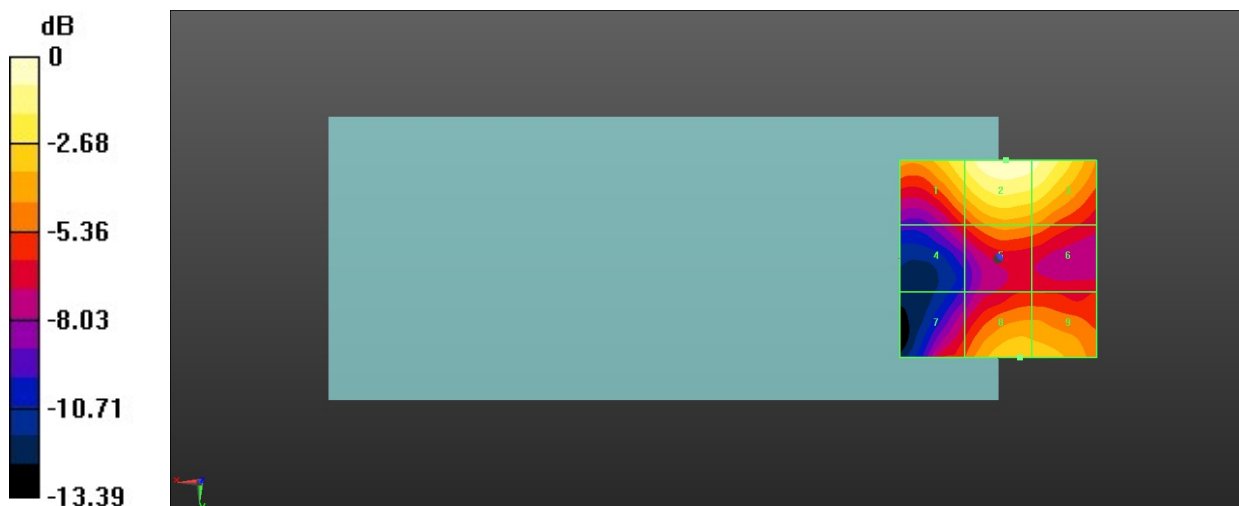
MIF scaled E-field

Grid 1 M4 24.04 dBV/m	Grid 2 M4 25.59 dBV/m	Grid 3 M4 25.06 dBV/m
Grid 4 M4 19.51 dBV/m	Grid 5 M4 21.56 dBV/m	Grid 6 M4 21.15 dBV/m
Grid 7 M4 20.2 dBV/m	Grid 8 M4 22.92 dBV/m	Grid 9 M4 22.79 dBV/m

Total = 25.59 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 19.02 V/m = 25.58 dBV/m

20_HAC RF FR1 N41 HPUE_100M_ANT 1_QPSK_1RB_1Offset_Ch518598

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008

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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch518598/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 = 17.12 V/m; Power Drift = 0.13 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.70 dBV/m

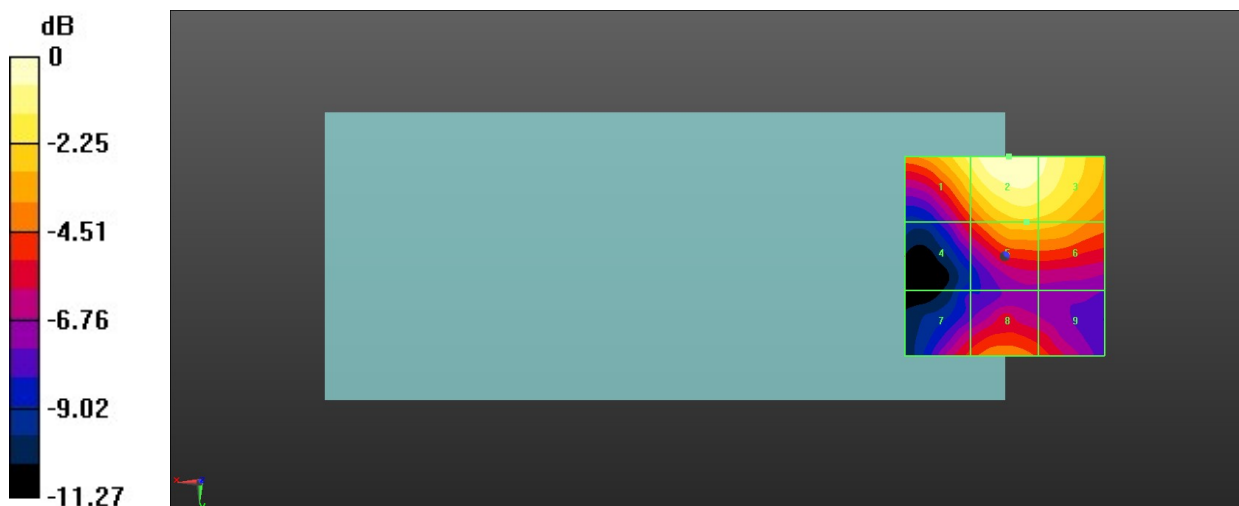
MIF scaled E-field

Grid 1 M4 24.54 dBV/m	Grid 2 M4 25.7 dBV/m	Grid 3 M4 25.22 dBV/m
Grid 4 M4 20.75 dBV/m	Grid 5 M4 23.27 dBV/m	Grid 6 M4 23.16 dBV/m
Grid 7 M4 20.87 dBV/m	Grid 8 M4 21.89 dBV/m	Grid 9 M4 21.03 dBV/m

Total = 25.70 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 19.28 V/m = 25.70 dBV/m

21_HAC RF FR1 N41 HPUE_100M_ANT 1_QPSK_1RB_1Offset_Ch528000

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 2640 MHz; Duty Cycle: 1:8.05008

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 Sn1338; Calibrated: 2022/12/15
- 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)

Ch528000/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 = 14.32 V/m; Power Drift = 0.09 dB

Applied MIF = -1.64 dB

RF audio interference level = 26.56 dBV/m

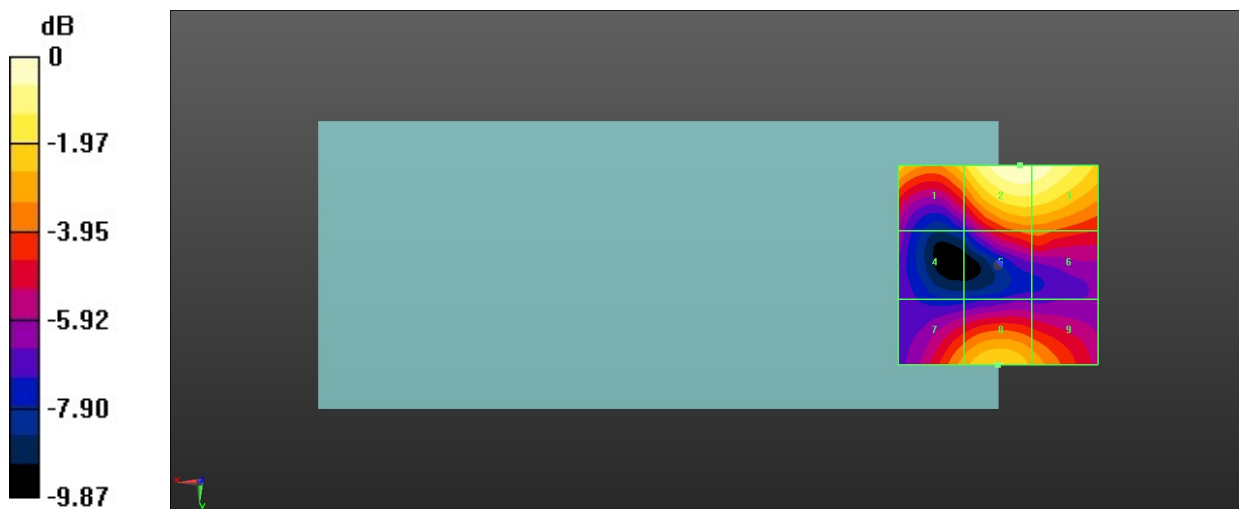
MIF scaled E-field

Grid 1 M4 24.52 dBV/m	Grid 2 M4 26.56 dBV/m	Grid 3 M4 26.43 dBV/m
Grid 4 M4 20.58 dBV/m	Grid 5 M4 22.86 dBV/m	Grid 6 M4 22.86 dBV/m
Grid 7 M4 23.67 dBV/m	Grid 8 M4 24.66 dBV/m	Grid 9 M4 23.79 dBV/m

Total = 26.56 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



0 dB = 21.28 V/m = 26.56 dBV/m