

27_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 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 = 16.45 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 30.71 dBV/m

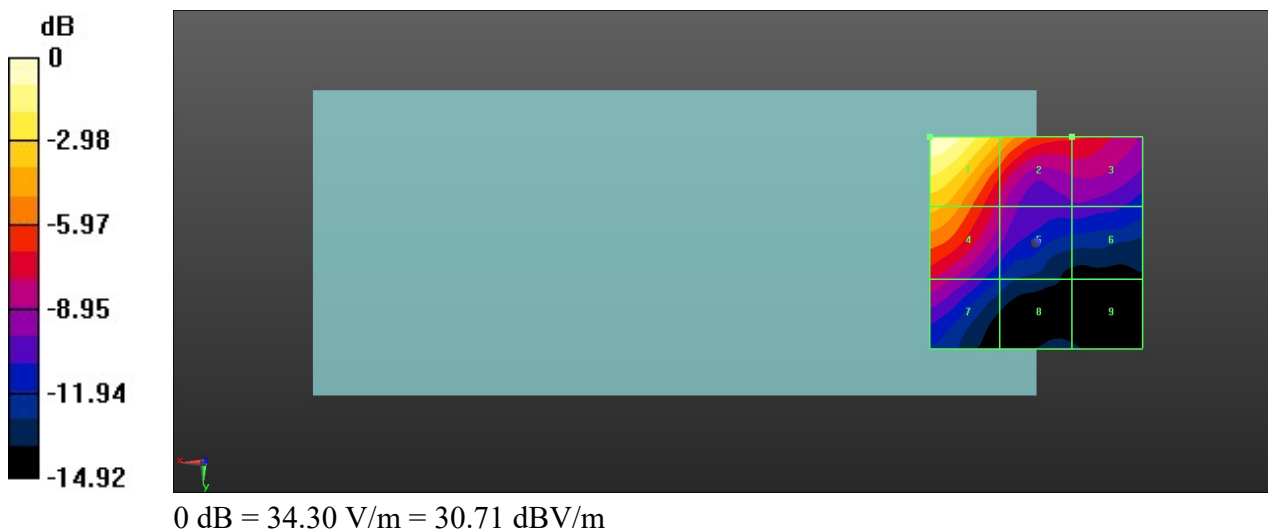
MIF scaled E-field

Grid 1 M3 30.71 dBV/m	Grid 2 M4 27.1 dBV/m	Grid 3 M4 24.02 dBV/m
Grid 4 M4 27.03 dBV/m	Grid 5 M4 22.26 dBV/m	Grid 6 M4 20.56 dBV/m
Grid 7 M4 22.88 dBV/m	Grid 8 M4 18.75 dBV/m	Grid 9 M4 17.03 dBV/m

Total = 30.71 dBV/m

E Category: M3

Location: 25, -25, 8.7 mm



28_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 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 = 23.91 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 30.80 dBV/m

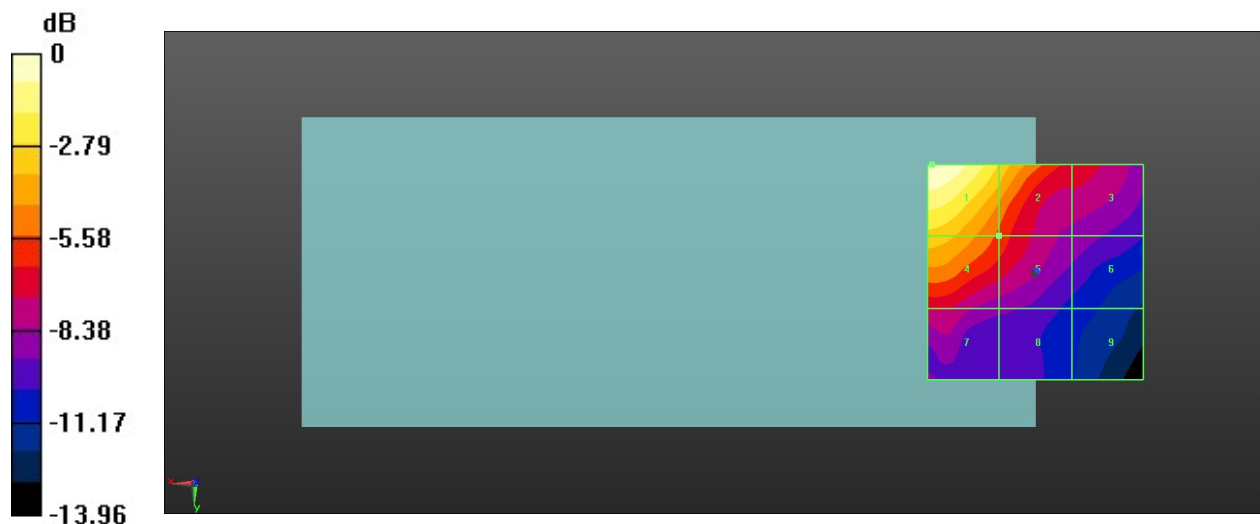
MIF scaled E-field

Grid 1 M3 30.8 dBV/m	Grid 2 M4 28.18 dBV/m	Grid 3 M4 23.47 dBV/m
Grid 4 M4 27.55 dBV/m	Grid 5 M4 24.99 dBV/m	Grid 6 M4 22.19 dBV/m
Grid 7 M4 23.47 dBV/m	Grid 8 M4 21.8 dBV/m	Grid 9 M4 20.38 dBV/m

Total = 30.80 dBV/m

E Category: M3

Location: 22.5, -25, 8.7 mm



0 dB = 34.69 V/m = 30.80 dBV/m

29_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 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 = 5.559 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.97 dBV/m

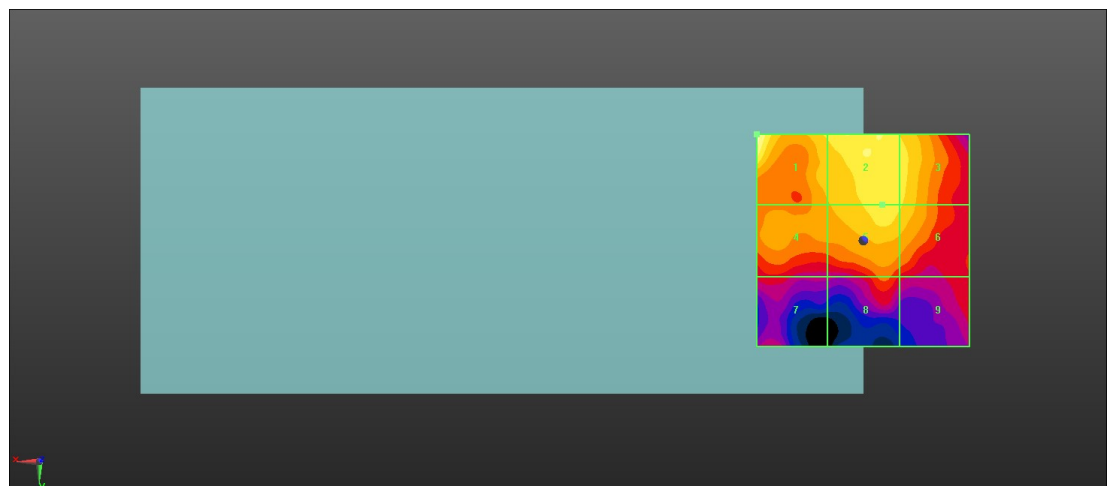
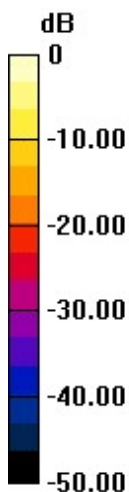
MIF scaled E-field

Grid 1 M4 14.76 dBV/m	Grid 2 M4 14.5 dBV/m	Grid 3 M4 14.41 dBV/m
Grid 4 M4 17.97 dBV/m	Grid 5 M4 14.62 dBV/m	Grid 6 M4 12.18 dBV/m
Grid 7 M4 13.93 dBV/m	Grid 8 M4 13.88 dBV/m	Grid 9 M4 13.02 dBV/m

Total = 17.97 dBV/m

E Category: M4

Location: 25, 5, 8.7 mm



0 dB = 7.915 V/m = 17.97 dBV/m

30_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 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 = 6.814 V/m; Power Drift = 0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.73 dBV/m

MIF scaled E-field

Grid 1 M4 17.73 dBV/m	Grid 2 M4 15.77 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 14.58 dBV/m	Grid 5 M4 14.37 dBV/m	Grid 6 M4 14.67 dBV/m
Grid 7 M4 12.57 dBV/m	Grid 8 M4 12.88 dBV/m	Grid 9 M4 12.09 dBV/m

Total = 17.73 dBV/m

E Category: M4

Location: 17.5, -25, 8.7 mm



0 dB = 7.704 V/m = 17.73 dBV/m

31_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 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 = 6.476 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.50 dBV/m

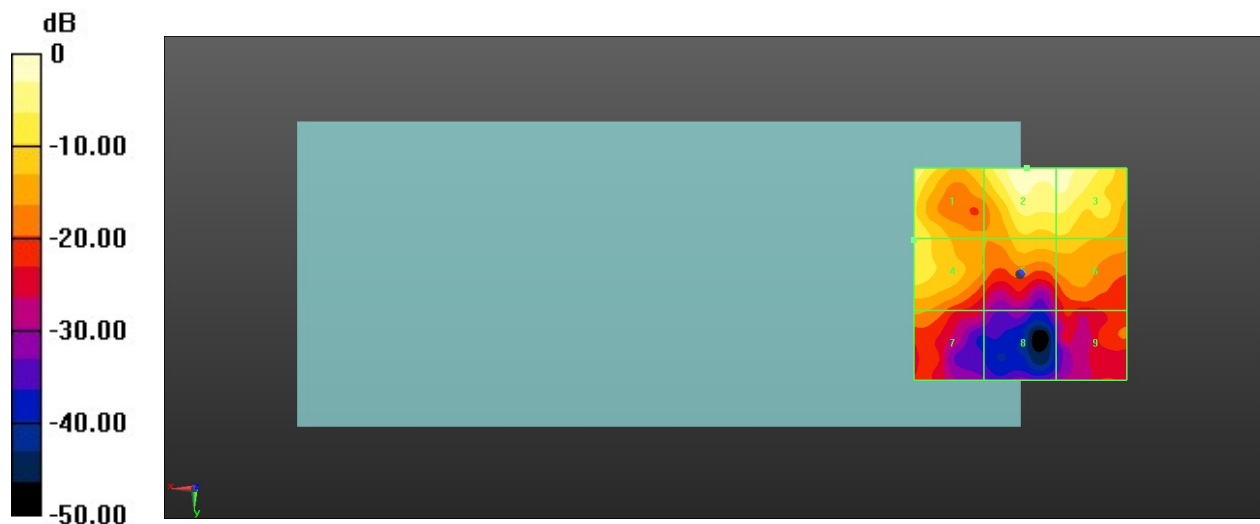
MIF scaled E-field

Grid 1 M4 16.64 dBV/m	Grid 2 M4 15.47 dBV/m	Grid 3 M4 15.17 dBV/m
Grid 4 M4 17.5 dBV/m	Grid 5 M4 13.11 dBV/m	Grid 6 M4 13.2 dBV/m
Grid 7 M4 15.67 dBV/m	Grid 8 M4 14.07 dBV/m	Grid 9 M4 11.65 dBV/m

Total = 17.50 dBV/m

E Category: M4

Location: 15.5, -0.5, 8.7 mm



0 dB = 7.502 V/m = 17.50 dBV/m

32_HAC RF LTE B41 HPUE_20M_ANT 2_QPSK_1RB_0Offset_Ch40155

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 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 = 7.206 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.88 dBV/m

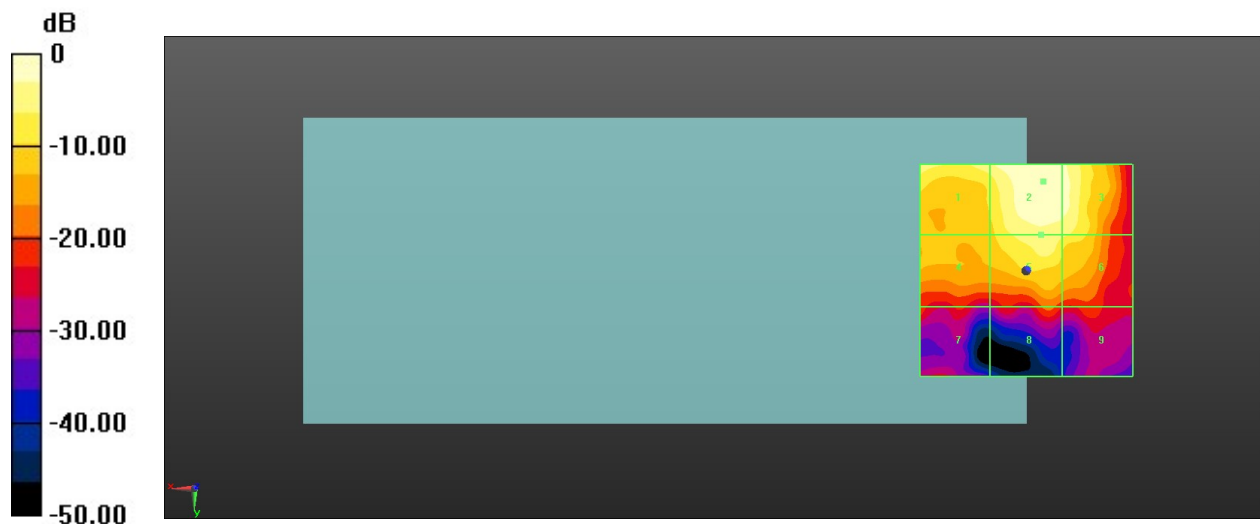
MIF scaled E-field

Grid 1 M4 17.4 dBV/m	Grid 2 M4 16.52 dBV/m	Grid 3 M4 16.52 dBV/m
Grid 4 M4 17.88 dBV/m	Grid 5 M4 14.55 dBV/m	Grid 6 M4 14.41 dBV/m
Grid 7 M4 17.34 dBV/m	Grid 8 M4 12.11 dBV/m	Grid 9 M4 11.78 dBV/m

Total = 17.88 dBV/m

E Category: M4

Location: 15, -4.5, 8.7 mm



0 dB = 7.835 V/m = 17.88 dBV/m

33_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 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 = 10.13 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.45 dBV/m

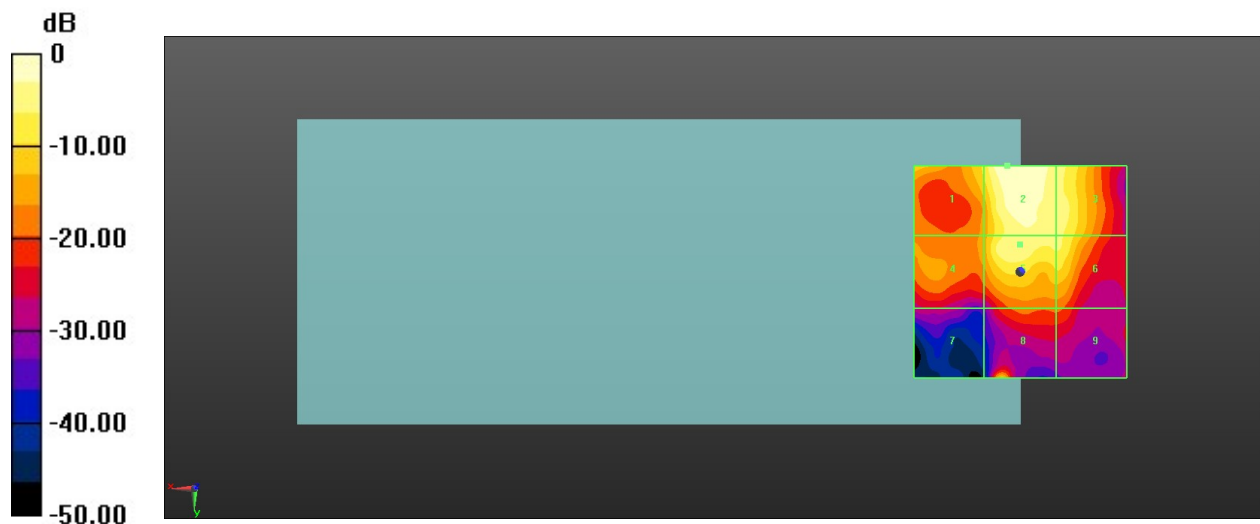
MIF scaled E-field

Grid 1 M4 16.21 dBV/m	Grid 2 M4 17.45 dBV/m	Grid 3 M4 17.14 dBV/m
Grid 4 M4 14.12 dBV/m	Grid 5 M4 16.51 dBV/m	Grid 6 M4 16.04 dBV/m
Grid 7 M4 14.1 dBV/m	Grid 8 M4 12.59 dBV/m	Grid 9 M4 11.87 dBV/m

Total = 17.45 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 7.459 V/m = 17.45 dBV/m

34_HAC RF LTE B41 HPUE_20M_ANT 3_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 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 = 71.78 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 33.83 dBV/m

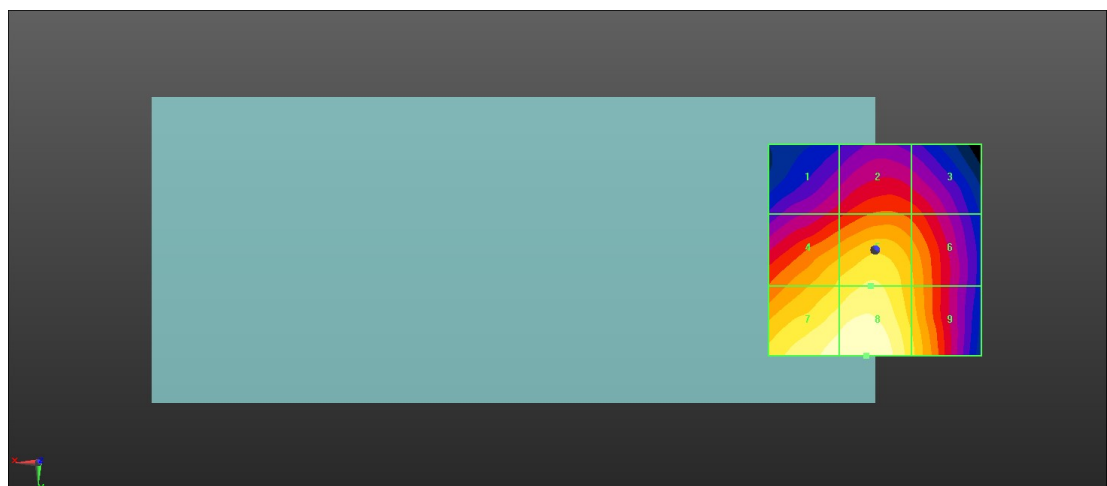
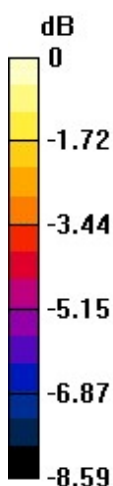
MIF scaled E-field

Grid 1 M4 29.65 dBV/m	Grid 2 M3 30.53 dBV/m	Grid 3 M3 30.22 dBV/m
Grid 4 M3 32.24 dBV/m	Grid 5 M3 32.8 dBV/m	Grid 6 M3 31.68 dBV/m
Grid 7 M3 33.59 dBV/m	Grid 8 M3 33.83 dBV/m	Grid 9 M3 32.34 dBV/m

Total = 33.83 dBV/m

E Category: M3

Location: 2, 25, 8.7 mm



0 dB = 49.17 V/m = 33.83 dBV/m

35_HAC RF LTE B41 HPUE_20M_ANT 3_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 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 = 71.38 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 34.83 dBV/m

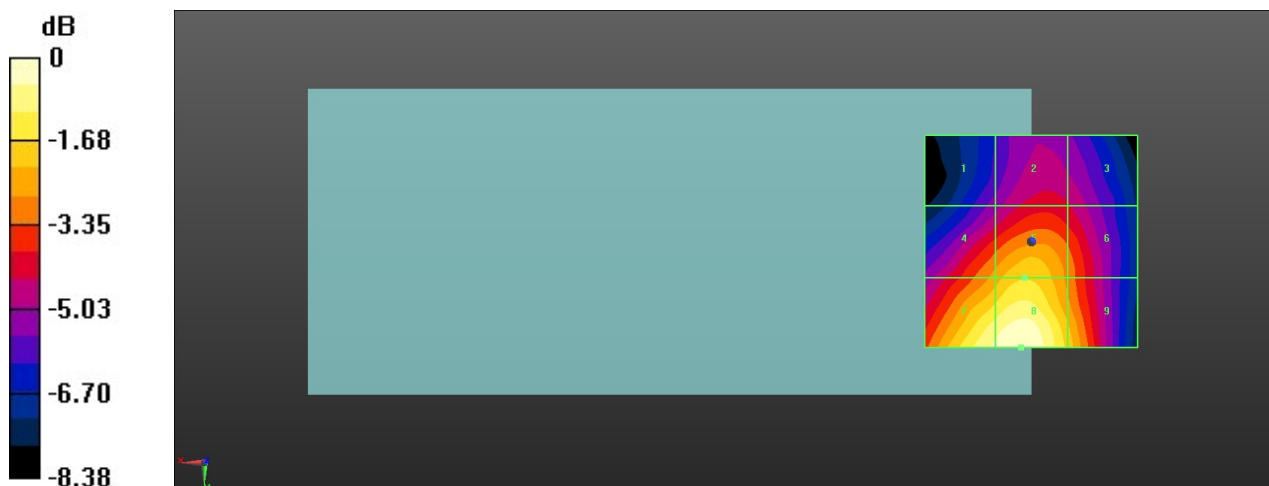
MIF scaled E-field

Grid 1 M4 29.58 dBV/m	Grid 2 M3 30.74 dBV/m	Grid 3 M3 30.45 dBV/m
Grid 4 M3 32.31 dBV/m	Grid 5 M3 33.13 dBV/m	Grid 6 M3 31.9 dBV/m
Grid 7 M3 34.42 dBV/m	Grid 8 M3 34.83 dBV/m	Grid 9 M3 33 dBV/m

Total = 34.83 dBV/m

E Category: M3

Location: 2.5, 25, 8.7 mm



0 dB = 55.17 V/m = 34.83 dBV/m

36_HAC RF LTE B41 HPUE_20M_ANT 3_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 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 = 73.21 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 34.86 dBV/m

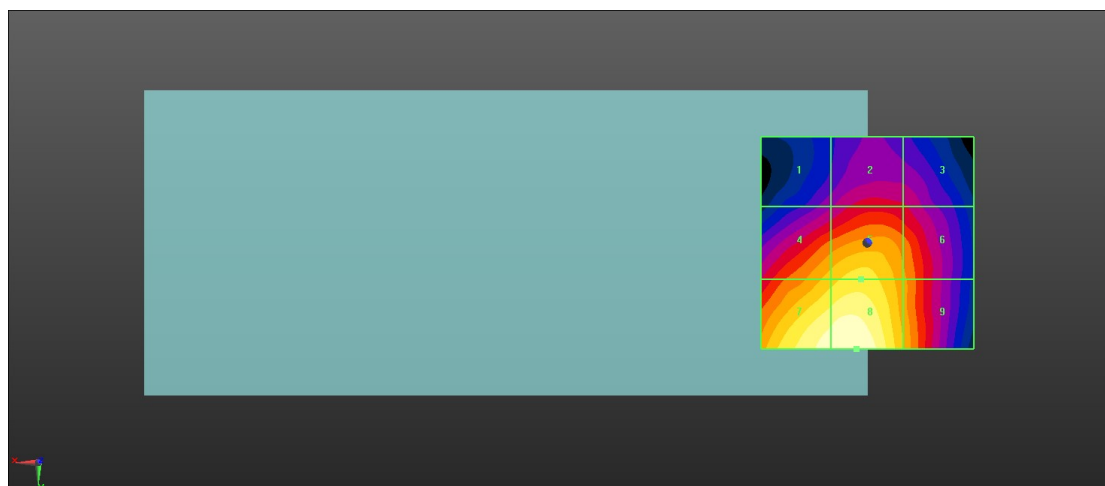
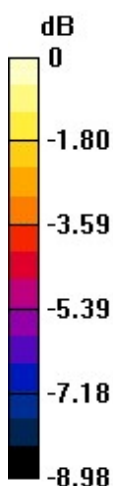
MIF scaled E-field

Grid 1 M4 29.43 dBV/m	Grid 2 M3 30.48 dBV/m	Grid 3 M3 30.2 dBV/m
Grid 4 M3 32.8 dBV/m	Grid 5 M3 33.35 dBV/m	Grid 6 M3 32.04 dBV/m
Grid 7 M3 34.65 dBV/m	Grid 8 M3 34.86 dBV/m	Grid 9 M3 32.47 dBV/m

Total = 34.86 dBV/m

E Category: M3

Location: 2.5, 25, 8.7 mm



0 dB = 55.36 V/m = 34.86 dBV/m

37_HAC RF LTE B41 HPUE_20M_ANT 3_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 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 = 61.41 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 34.07 dBV/m

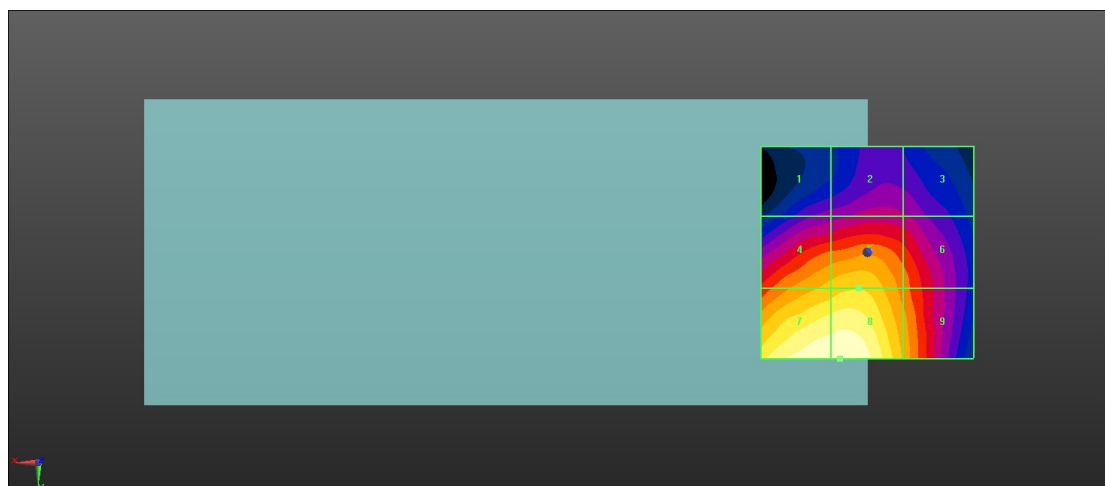
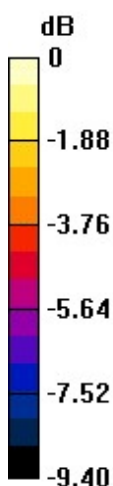
MIF scaled E-field

Grid 1 M4 28.19 dBV/m	Grid 2 M4 28.83 dBV/m	Grid 3 M4 28.6 dBV/m
Grid 4 M3 31.84 dBV/m	Grid 5 M3 32.18 dBV/m	Grid 6 M3 30.66 dBV/m
Grid 7 M3 34.01 dBV/m	Grid 8 M3 34.07 dBV/m	Grid 9 M3 31.45 dBV/m

Total = 34.07 dBV/m

E Category: M3

Location: 6.5, 25, 8.7 mm



0 dB = 50.54 V/m = 34.07 dBV/m

38_HAC RF LTE B41 HPUE_20M_ANT 3_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 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 = 61.95 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 34.34 dBV/m

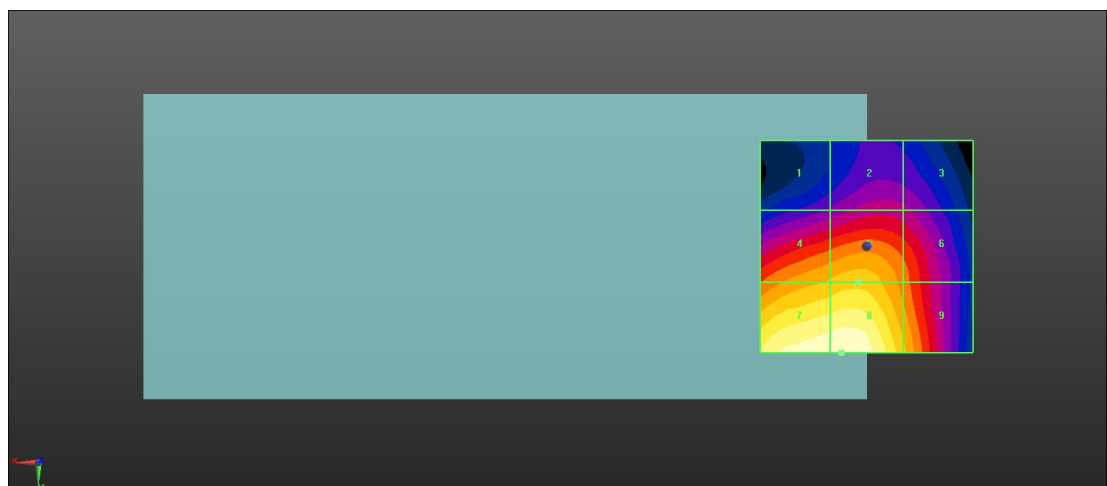
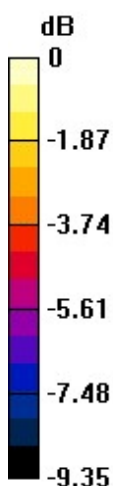
MIF scaled E-field

Grid 1 M4 28.27 dBV/m	Grid 2 M4 29.16 dBV/m	Grid 3 M4 28.96 dBV/m
Grid 4 M3 31.98 dBV/m	Grid 5 M3 32.29 dBV/m	Grid 6 M3 30.98 dBV/m
Grid 7 M3 34.22 dBV/m	Grid 8 M3 34.34 dBV/m	Grid 9 M3 32.07 dBV/m

Total = 34.34 dBV/m

E Category: M3

Location: 6, 25, 8.7 mm



0 dB = 52.10 V/m = 34.34 dBV/m

39_HAC RF LTE B48_20M_ANT 1_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 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)

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 = 6.732 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.07 dBV/m

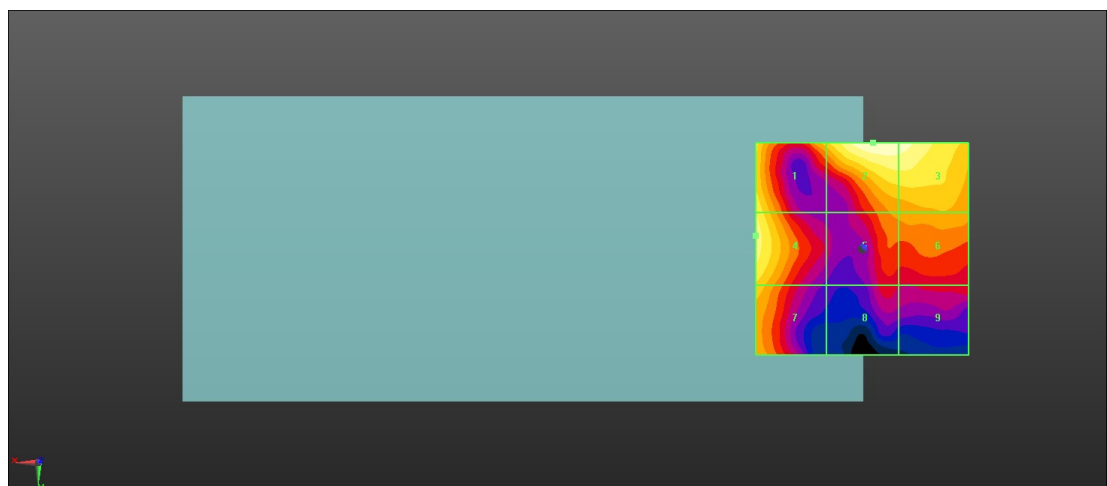
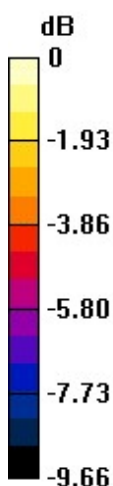
MIF scaled E-field

Grid 1 M4 17.76 dBV/m	Grid 2 M4 19.07 dBV/m	Grid 3 M4 18.84 dBV/m
Grid 4 M4 18.15 dBV/m	Grid 5 M4 16.02 dBV/m	Grid 6 M4 16.44 dBV/m
Grid 7 M4 17.04 dBV/m	Grid 8 M4 14.43 dBV/m	Grid 9 M4 14.41 dBV/m

Total = 19.07 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 8.988 V/m = 19.07 dBV/m

40_HAC RF LTE B48_20M_ANT 1_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 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)

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 = 7.554 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.08 dBV/m

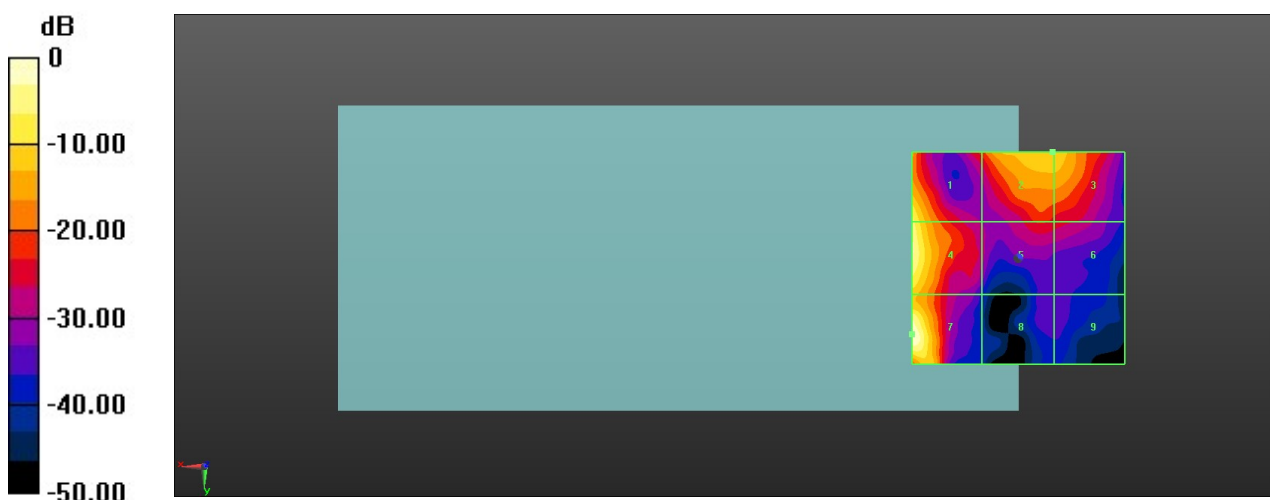
MIF scaled E-field

Grid 1 M4 18.35 dBV/m	Grid 2 M4 20.08 dBV/m	Grid 3 M4 19.34 dBV/m
Grid 4 M4 18.7 dBV/m	Grid 5 M4 16.57 dBV/m	Grid 6 M4 16.57 dBV/m
Grid 7 M4 17.25 dBV/m	Grid 8 M4 14.38 dBV/m	Grid 9 M4 14.19 dBV/m

Total = 20.08 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 10.10 V/m = 20.09 dBV/m

41_HAC RF LTE B48_20M_ANT 1_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 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)

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 = 7.237 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.06 dBV/m

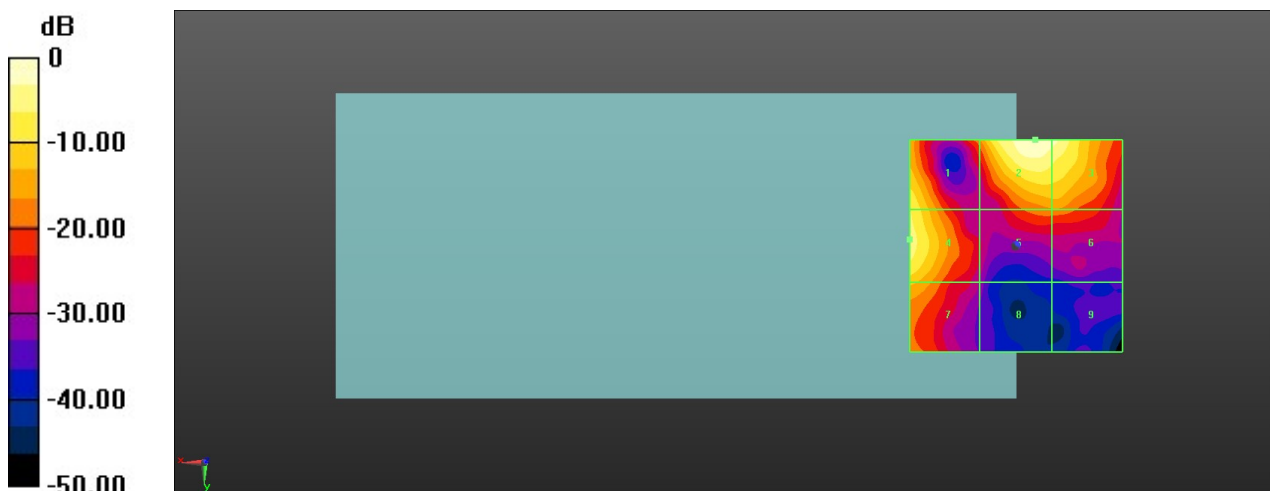
MIF scaled E-field

Grid 1 M4 18.16 dBV/m	Grid 2 M4 20.06 dBV/m	Grid 3 M4 19.47 dBV/m
Grid 4 M4 18.54 dBV/m	Grid 5 M4 15.79 dBV/m	Grid 6 M4 15.86 dBV/m
Grid 7 M4 17.47 dBV/m	Grid 8 M4 12.88 dBV/m	Grid 9 M4 12.66 dBV/m

Total = 20.06 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 10.07 V/m = 20.06 dBV/m

42_HAC RF LTE B48_20M_ANT 1_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 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)

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 = 9.038 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.82 dBV/m

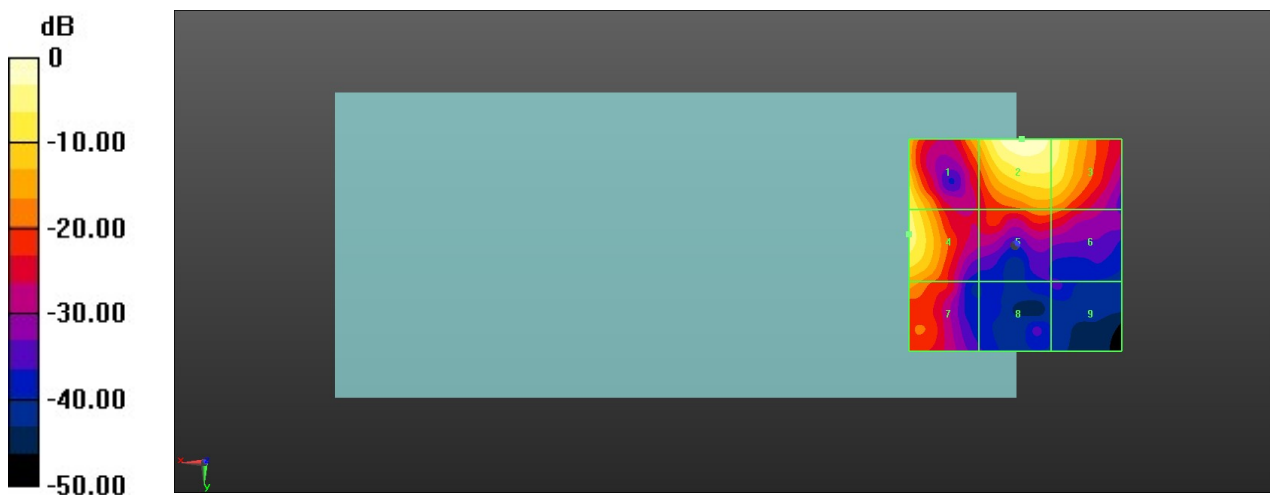
MIF scaled E-field

Grid 1 M4 17.77 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 18.51 dBV/m
Grid 4 M4 17.71 dBV/m	Grid 5 M4 15.78 dBV/m	Grid 6 M4 15.96 dBV/m
Grid 7 M4 16.41 dBV/m	Grid 8 M4 14.85 dBV/m	Grid 9 M4 15.7 dBV/m

Total = 18.82 dBV/m

E Category: M4

Location: -4, -25, 8.7 mm



0 dB = 8.731 V/m = 18.82 dBV/m

43_HAC RF LTE B48_20M_ANT 2_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 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)

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 = 4.872 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.63 dBV/m

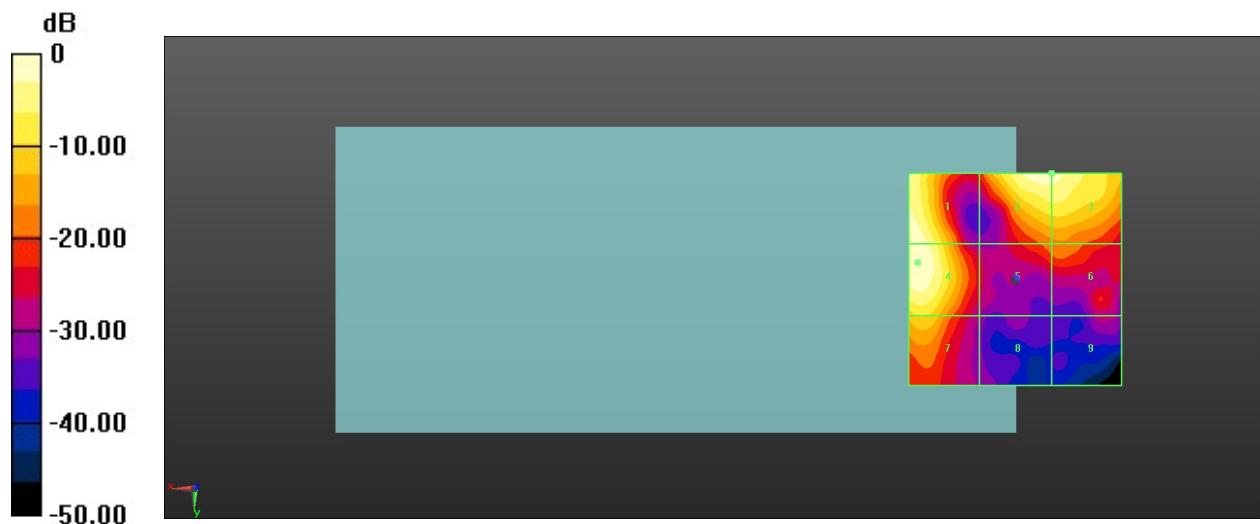
MIF scaled E-field

Grid 1 M4 15.76 dBV/m	Grid 2 M4 15.49 dBV/m	Grid 3 M4 15.49 dBV/m
Grid 4 M4 17.63 dBV/m	Grid 5 M4 13.31 dBV/m	Grid 6 M4 13.59 dBV/m
Grid 7 M4 13.49 dBV/m	Grid 8 M4 11.95 dBV/m	Grid 9 M4 12.15 dBV/m

Total = 17.63 dBV/m

E Category: M4

Location: 25, -5, 8.7 mm



0 dB = 7.610 V/m = 17.63 dBV/m

44_HAC RF LTE B48_20M_ANT 2_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 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)

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 = 5.751 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 15.98 dBV/m

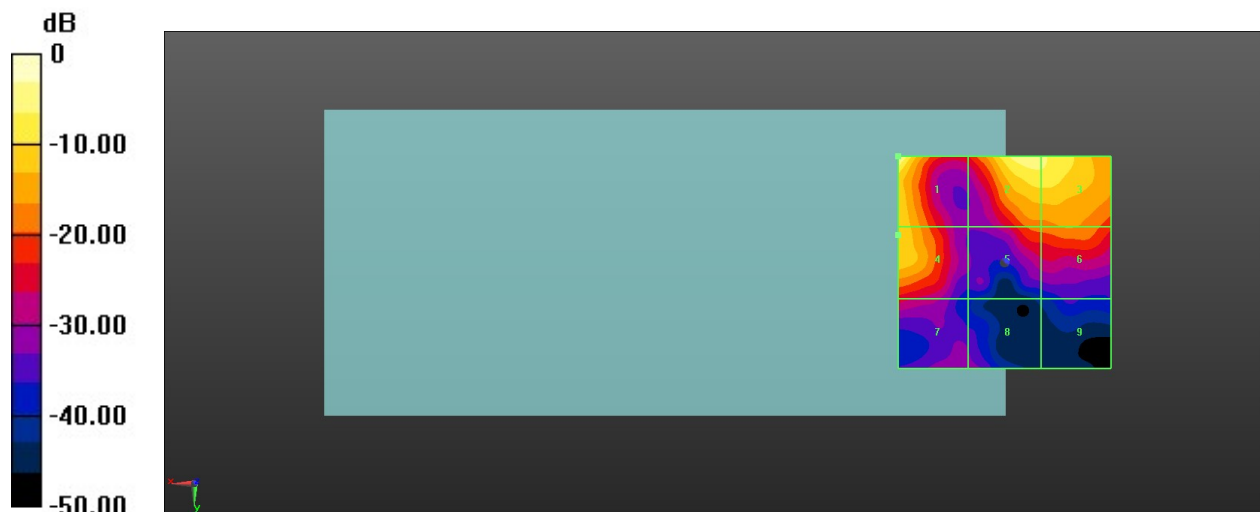
MIF scaled E-field

Grid 1 M4 15.93 dBV/m	Grid 2 M4 15.98 dBV/m	Grid 3 M4 15.97 dBV/m
Grid 4 M4 15.67 dBV/m	Grid 5 M4 13.27 dBV/m	Grid 6 M4 13.74 dBV/m
Grid 7 M4 12.64 dBV/m	Grid 8 M4 11.87 dBV/m	Grid 9 M4 11.54 dBV/m

Total = 15.98 dBV/m

E Category: M4

Location: -8, -25, 8.7 mm



45_HAC RF LTE B48_20M_ANT 2_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 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)

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 = 5.947 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.73 dBV/m

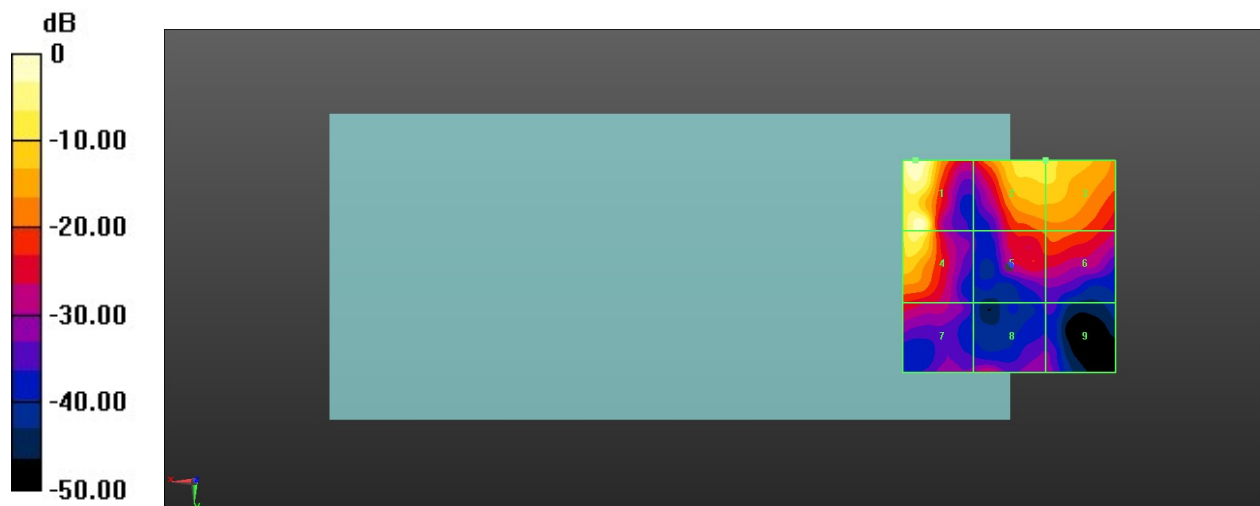
MIF scaled E-field

Grid 1 M4 16.26 dBV/m	Grid 2 M4 16.73 dBV/m	Grid 3 M4 16.03 dBV/m
Grid 4 M4 16.09 dBV/m	Grid 5 M4 13.47 dBV/m	Grid 6 M4 13.72 dBV/m
Grid 7 M4 13.58 dBV/m	Grid 8 M4 12.12 dBV/m	Grid 9 M4 11.92 dBV/m

Total = 16.73 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 6.865 V/m = 16.73 dBV/m

46_HAC RF LTE B48_20M_ANT 2_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 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)

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 = 8.381 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.20 dBV/m

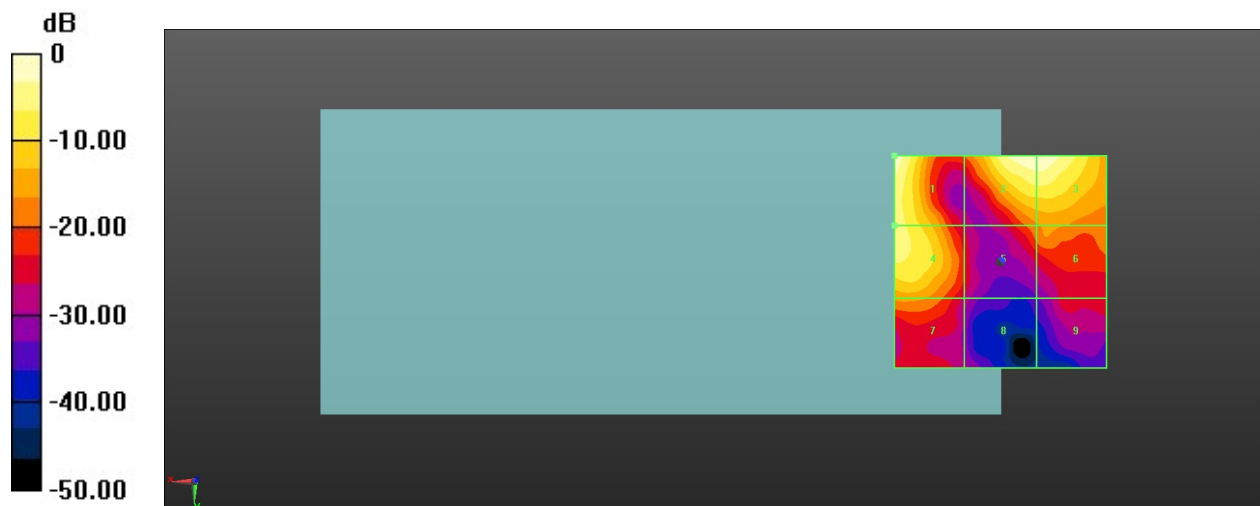
MIF scaled E-field

Grid 1 M4 17.2 dBV/m	Grid 2 M4 16.87 dBV/m	Grid 3 M4 16.87 dBV/m
Grid 4 M4 17.06 dBV/m	Grid 5 M4 14.78 dBV/m	Grid 6 M4 15.03 dBV/m
Grid 7 M4 15.04 dBV/m	Grid 8 M4 13.3 dBV/m	Grid 9 M4 12.33 dBV/m

Total = 17.20 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 7.248 V/m = 17.20 dBV/m

47_HAC RF LTE B48_20M_ANT 3_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 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)

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 = 42.34 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 28.93 dBV/m

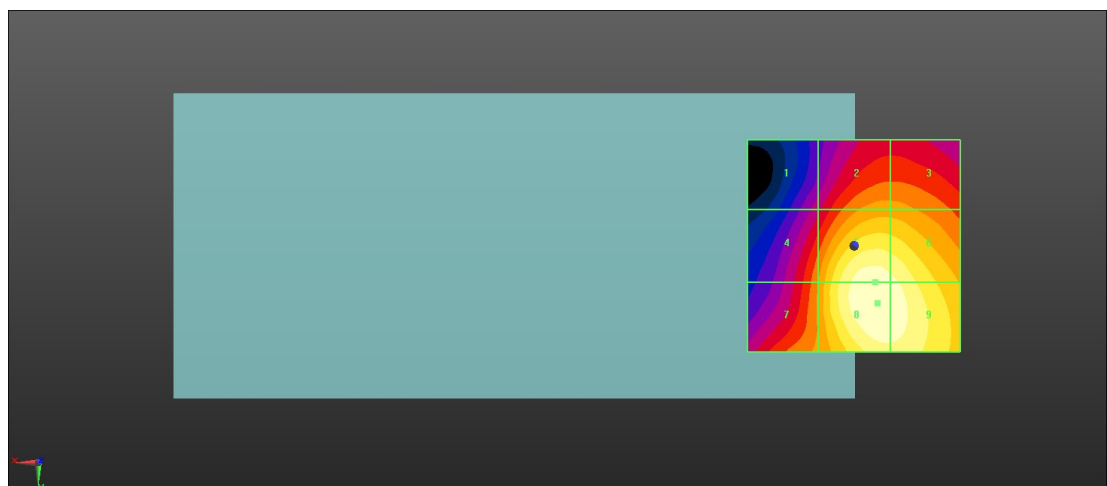
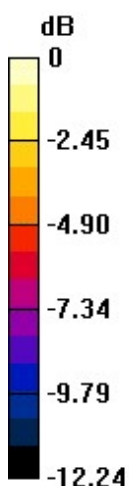
MIF scaled E-field

Grid 1 M4 22.21 dBV/m	Grid 2 M4 25.31 dBV/m	Grid 3 M4 25.28 dBV/m
Grid 4 M4 24.81 dBV/m	Grid 5 M4 28.66 dBV/m	Grid 6 M4 28.37 dBV/m
Grid 7 M4 25.1 dBV/m	Grid 8 M4 28.93 dBV/m	Grid 9 M4 28.7 dBV/m

Total = 28.93 dBV/m

E Category: M4

Location: -5.5, 13.5, 8.7 mm



0 dB = 27.95 V/m = 28.93 dBV/m

48_HAC RF LTE B48_20M_ANT 3_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 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)

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 = 57.91 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 31.28 dBV/m

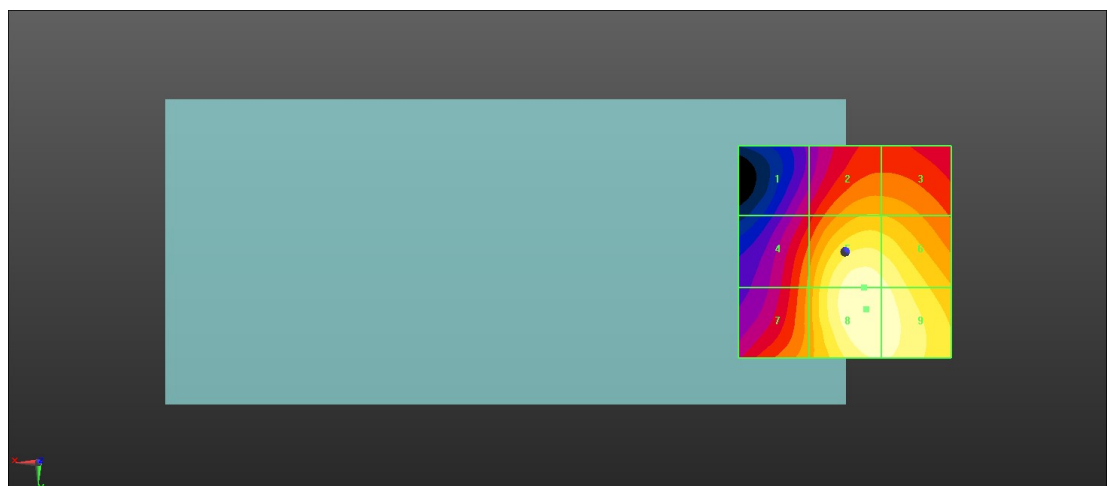
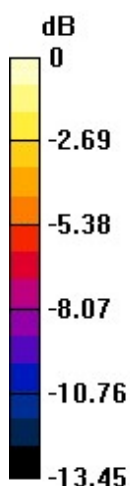
MIF scaled E-field

Grid 1 M4 24.58 dBV/m	Grid 2 M4 27.81 dBV/m	Grid 3 M4 27.75 dBV/m
Grid 4 M4 27.12 dBV/m	Grid 5 M3 31.05 dBV/m	Grid 6 M3 30.69 dBV/m
Grid 7 M4 27.45 dBV/m	Grid 8 M3 31.28 dBV/m	Grid 9 M3 31.04 dBV/m

Total = 31.28 dBV/m

E Category: M3

Location: -5, 13.5, 8.7 mm



0 dB = 36.64 V/m = 31.28 dBV/m

49_HAC RF LTE B48_20M_ANT 3_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 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)

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 = 69.56 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 32.75 dBV/m

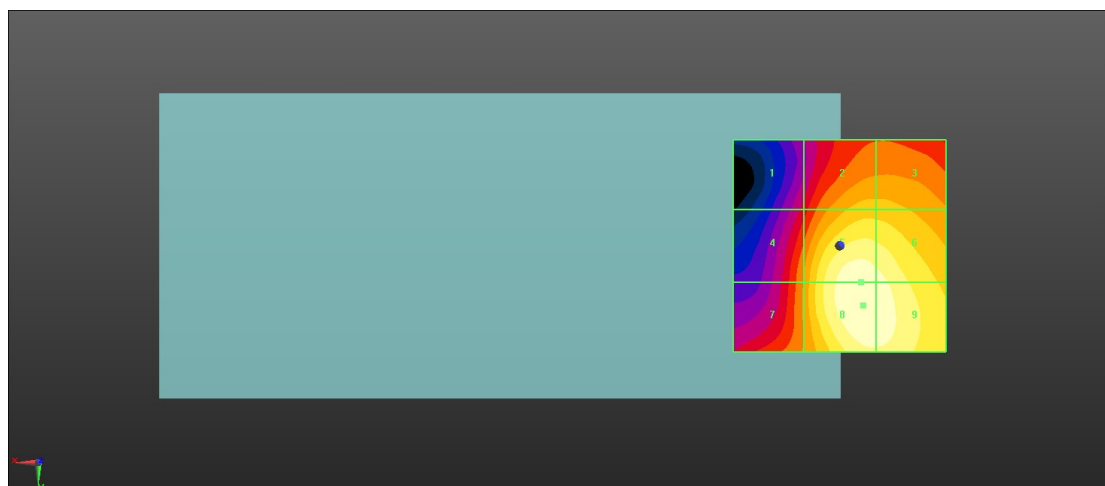
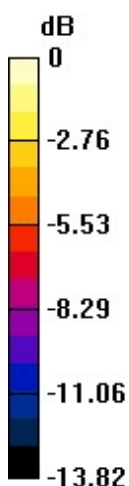
MIF scaled E-field

Grid 1 M4 25.85 dBV/m	Grid 2 M4 29.58 dBV/m	Grid 3 M4 29.57 dBV/m
Grid 4 M4 28.23 dBV/m	Grid 5 M3 32.48 dBV/m	Grid 6 M3 32.24 dBV/m
Grid 7 M4 28.36 dBV/m	Grid 8 M3 32.75 dBV/m	Grid 9 M3 32.53 dBV/m

Total = 32.75 dBV/m

E Category: M3

Location: -5.5, 14, 8.7 mm



0 dB = 43.42 V/m = 32.75 dBV/m

50_HAC RF LTE B48_20M_ANT 3_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 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)

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 = 75.98 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 33.31 dBV/m

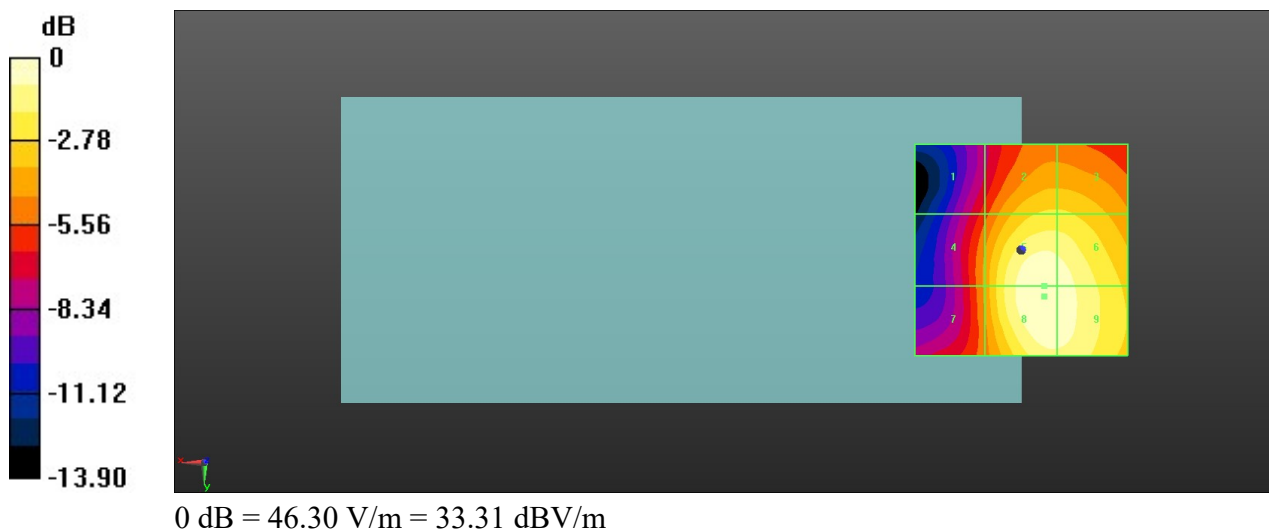
MIF scaled E-field

Grid 1 M4 27.43 dBV/m	Grid 2 M3 30.75 dBV/m	Grid 3 M3 30.74 dBV/m
Grid 4 M4 29.05 dBV/m	Grid 5 M3 33.27 dBV/m	Grid 6 M3 33.03 dBV/m
Grid 7 M4 29 dBV/m	Grid 8 M3 33.31 dBV/m	Grid 9 M3 33.09 dBV/m

Total = 33.31 dBV/m

E Category: M3

Location: -5.5, 11, 8.7 mm



51_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 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)

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 = 75.81 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 31.89 dBV/m

MIF scaled E-field

Grid 1 M4 28.11 dBV/m	Grid 2 M3 30.37 dBV/m	Grid 3 M3 30.2 dBV/m
Grid 4 M4 29.3 dBV/m	Grid 5 M3 31.89 dBV/m	Grid 6 M3 31.63 dBV/m
Grid 7 M3 31.23 dBV/m	Grid 8 M3 31.23 dBV/m	Grid 9 M3 30.85 dBV/m

Total = 31.89 dBV/m

E Category: M3

Location: -4.5, 2, 8.7 mm

