

01_HAC RF GSM850_ANT1_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 = 38.83 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.63 dBV/m

MIF scaled E-field

Grid 1 M4 30.37 dBV/m	Grid 2 M4 32.57 dBV/m	Grid 3 M4 32.57 dBV/m
Grid 4 M4 30.84 dBV/m	Grid 5 M4 32.63 dBV/m	Grid 6 M4 32.62 dBV/m
Grid 7 M4 32.02 dBV/m	Grid 8 M4 32.41 dBV/m	Grid 9 M4 32.29 dBV/m

Total = 32.63 dBV/m

E Category: M4

Location: -8, -1.5, 8.7 mm



0 dB = 42.79 V/m = 32.63 dBV/m

02_HAC RF GSM850_ANT1_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 = 45.93 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.52 dBV/m

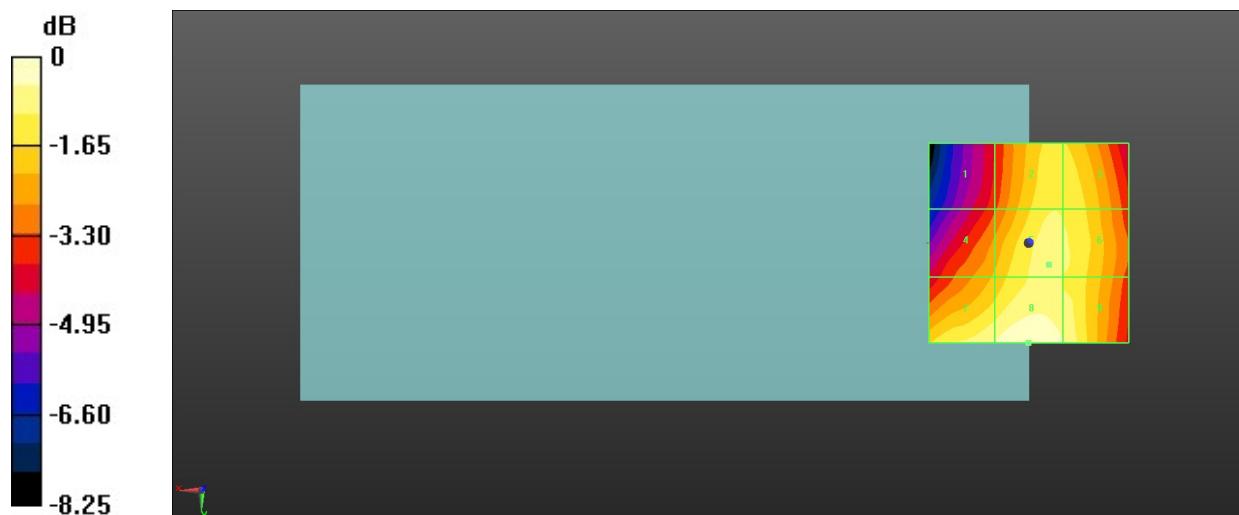
MIF scaled E-field

Grid 1 M4 31.12 dBV/m	Grid 2 M4 33.42 dBV/m	Grid 3 M4 33.36 dBV/m
Grid 4 M4 32.44 dBV/m	Grid 5 M4 33.73 dBV/m	Grid 6 M4 33.57 dBV/m
Grid 7 M4 34.05 dBV/m	Grid 8 M4 34.52 dBV/m	Grid 9 M4 34.02 dBV/m

Total = 34.52 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 53.23 V/m = 34.52 dBV/m

03_HAC RF GSM850_ANT1_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 = 46.32 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.27 dBV/m

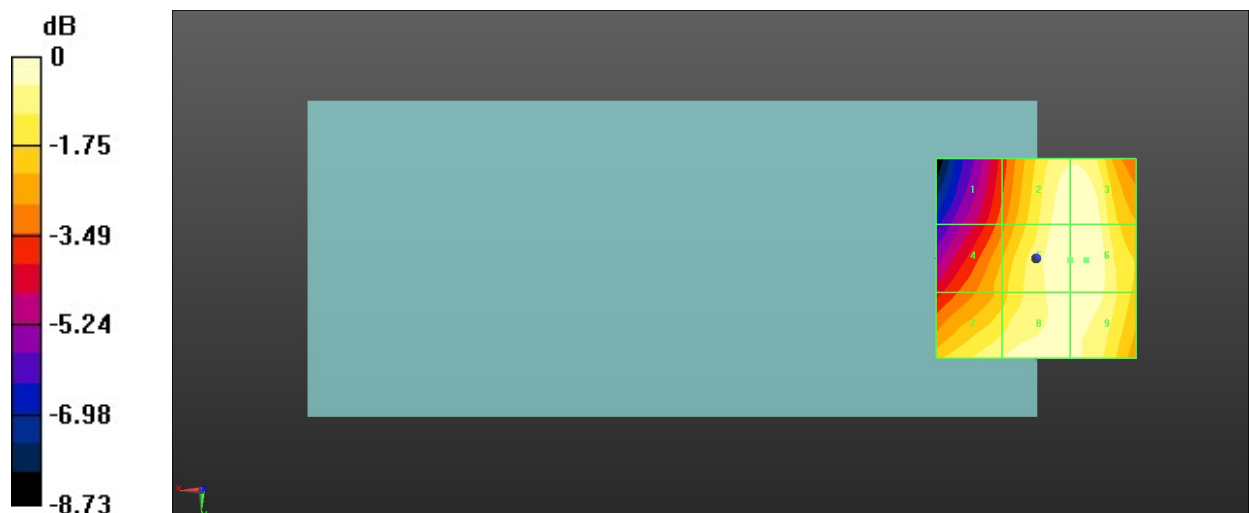
MIF scaled E-field

Grid 1 M4 31.18 dBV/m	Grid 2 M4 34.04 dBV/m	Grid 3 M4 34.08 dBV/m
Grid 4 M4 32.28 dBV/m	Grid 5 M4 34.22 dBV/m	Grid 6 M4 34.27 dBV/m
Grid 7 M4 33.72 dBV/m	Grid 8 M4 34.16 dBV/m	Grid 9 M4 34.05 dBV/m

Total = 34.27 dBV/m

E Category: M4

Location: -12.5, 0.5, 8.7 mm



0 dB = 51.70 V/m = 34.27 dBV/m

04_HAC RF GSM850_ANT7_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 : 23.4 °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 = 39.24 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.89 dBV/m

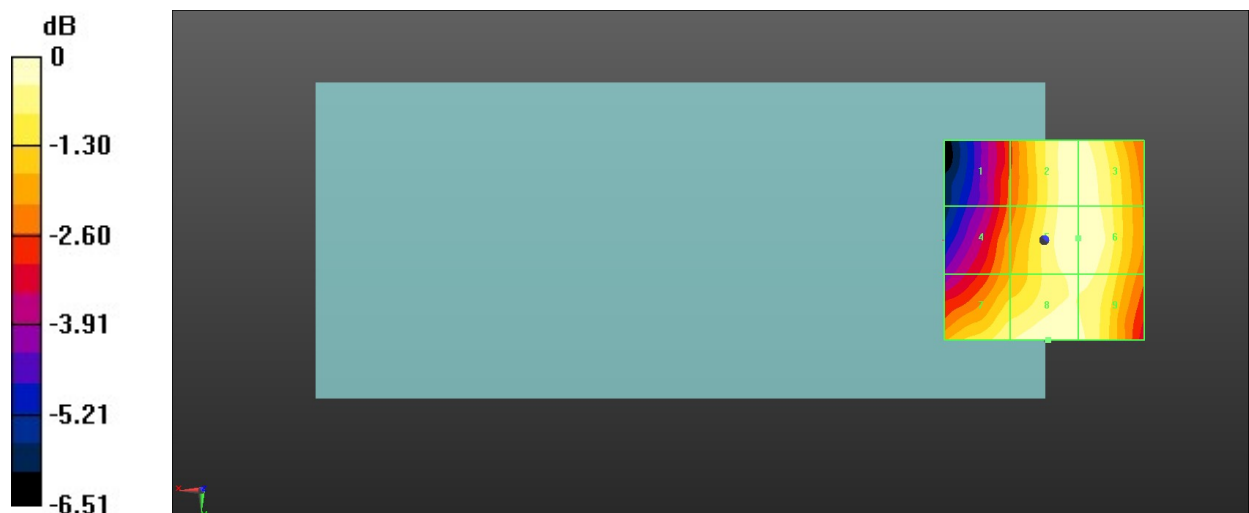
MIF scaled E-field

Grid 1 M4 30.47 dBV/m	Grid 2 M4 32.77 dBV/m	Grid 3 M4 32.77 dBV/m
Grid 4 M4 31.13 dBV/m	Grid 5 M4 32.86 dBV/m	Grid 6 M4 32.86 dBV/m
Grid 7 M4 32.44 dBV/m	Grid 8 M4 32.89 dBV/m	Grid 9 M4 32.63 dBV/m

Total = 32.89 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 44.10 V/m = 32.89 dBV/m

05_HAC RF GSM850_ANT7_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 = 45.79 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.47 dBV/m

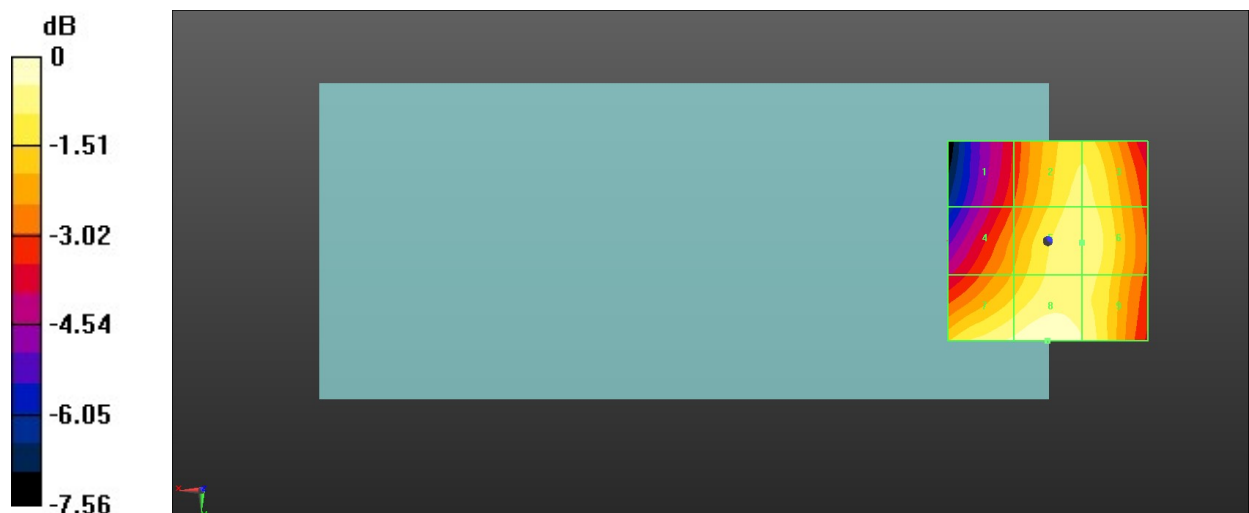
MIF scaled E-field

Grid 1 M4 31.52 dBV/m	Grid 2 M4 33.65 dBV/m	Grid 3 M4 33.65 dBV/m
Grid 4 M4 32.55 dBV/m	Grid 5 M4 33.86 dBV/m	Grid 6 M4 33.86 dBV/m
Grid 7 M4 34.11 dBV/m	Grid 8 M4 34.47 dBV/m	Grid 9 M4 34.01 dBV/m

Total = 34.47 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 52.89 V/m = 34.47 dBV/m

06_HAC RF GSM850_ANT7_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 = 47.81 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.71 dBV/m

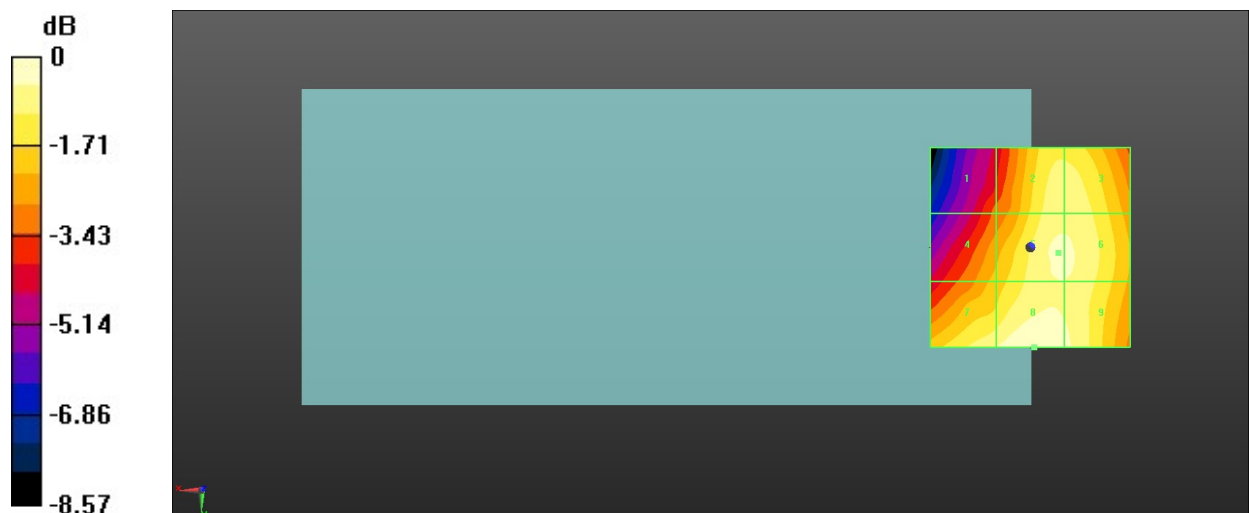
MIF scaled E-field

Grid 1 M4 31.5 dBV/m	Grid 2 M4 34.01 dBV/m	Grid 3 M4 34.01 dBV/m
Grid 4 M4 32.7 dBV/m	Grid 5 M4 34.24 dBV/m	Grid 6 M4 34.23 dBV/m
Grid 7 M4 34.14 dBV/m	Grid 8 M4 34.71 dBV/m	Grid 9 M4 34.32 dBV/m

Total = 34.71 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 54.41 V/m = 34.71 dBV/m

07_HAC RF GSM1900_ANT1_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 = 2.858 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.05 dBV/m

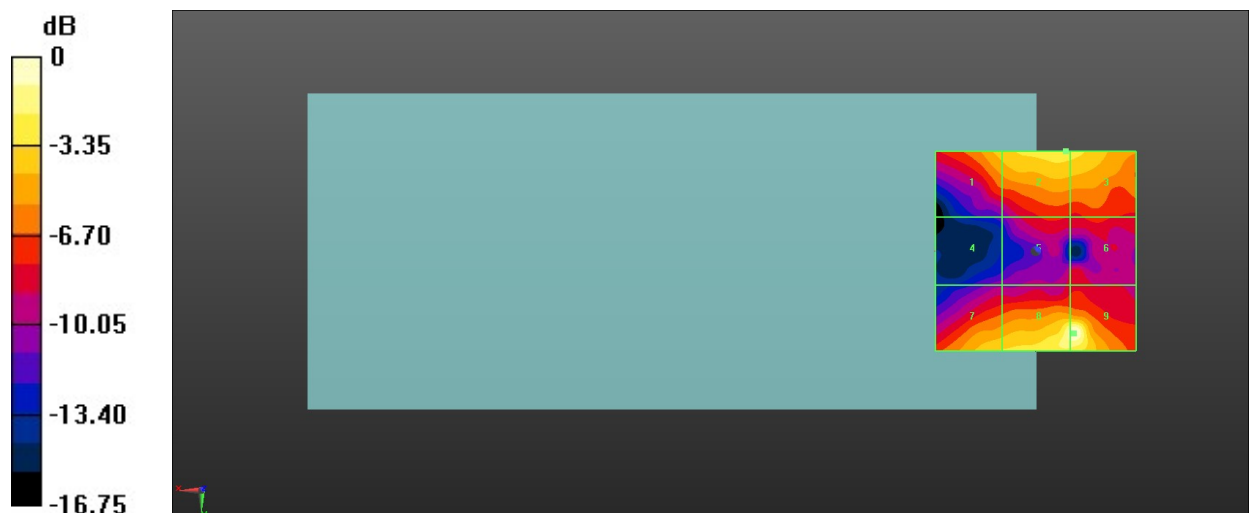
MIF scaled E-field

Grid 1 M4 22.16 dBV/m	Grid 2 M4 23.19 dBV/m	Grid 3 M4 23.17 dBV/m
Grid 4 M4 15.75 dBV/m	Grid 5 M4 18.5 dBV/m	Grid 6 M4 18.72 dBV/m
Grid 7 M4 22.84 dBV/m	Grid 8 M4 25.49 dBV/m	Grid 9 M4 26.05 dBV/m

Total = 26.05 dBV/m

E Category: M4

Location: -9.5, 20.5, 8.7 mm



0 dB = 20.07 V/m = 26.05 dBV/m

08_HAC RF GSM1900_ANT1_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 = 12.48 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.59 dBV/m

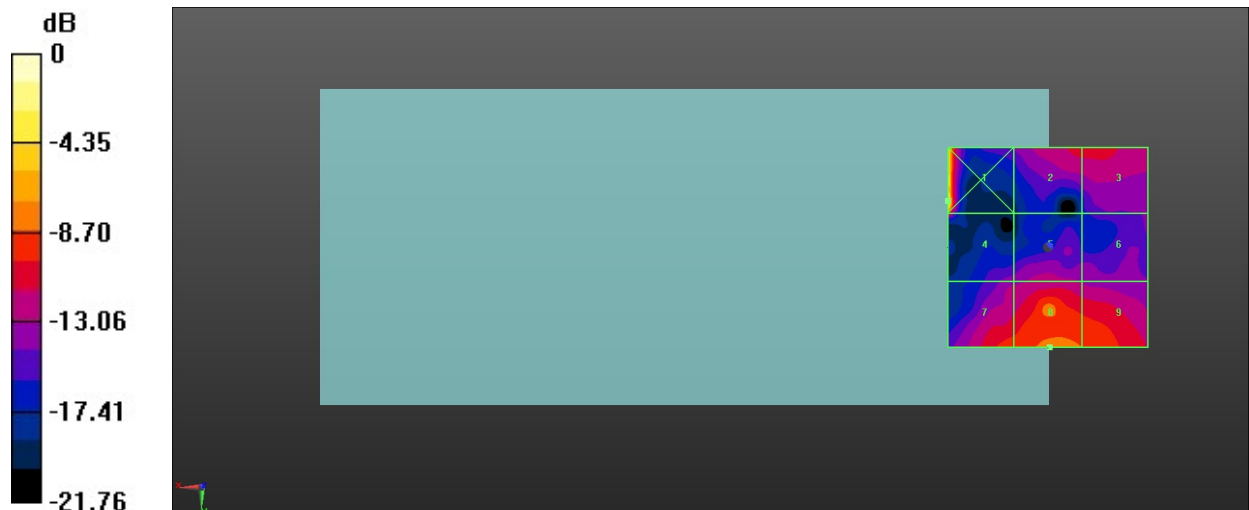
MIF scaled E-field

Grid 1 M3 31.57 dBV/m	Grid 2 M4 20.52 dBV/m	Grid 3 M4 20.6 dBV/m
Grid 4 M4 23.39 dBV/m	Grid 5 M4 19.25 dBV/m	Grid 6 M4 18.43 dBV/m
Grid 7 M4 22.48 dBV/m	Grid 8 M4 23.59 dBV/m	Grid 9 M4 22.9 dBV/m

Total = 31.57 dBV/m

E Category: M3

Location: 25, -11.5, 8.7 mm



0 dB = 37.90 V/m = 31.57 dBV/m

09_HAC RF GSM1900_ANT1_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 = 3.365 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.27 dBV/m

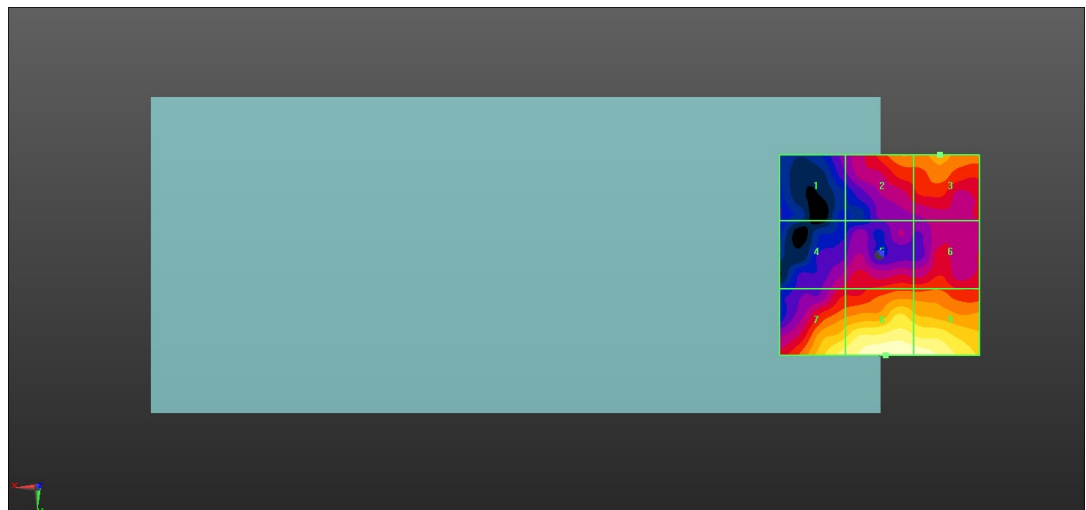
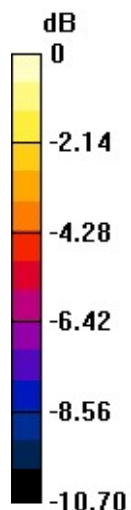
MIF scaled E-field

Grid 1 M4 15.63 dBV/m	Grid 2 M4 18.8 dBV/m	Grid 3 M4 18.96 dBV/m
Grid 4 M4 16.88 dBV/m	Grid 5 M4 17.86 dBV/m	Grid 6 M4 17.96 dBV/m
Grid 7 M4 21.26 dBV/m	Grid 8 M4 22.27 dBV/m	Grid 9 M4 22.14 dBV/m

Total = 22.27 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 12.98 V/m = 22.27 dBV/m

10_HAC RF GSM1900_ANT7_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 = 10.88 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.42 dBV/m

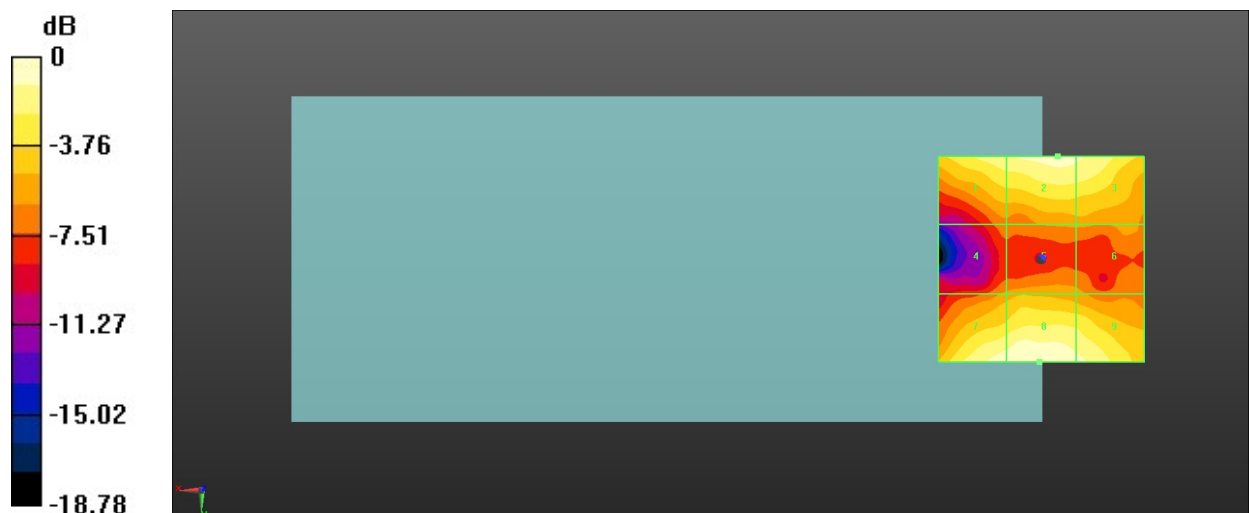
MIF scaled E-field

Grid 1 M4 21.97 dBV/m	Grid 2 M4 22.79 dBV/m	Grid 3 M4 22.43 dBV/m
Grid 4 M4 17.61 dBV/m	Grid 5 M4 18.34 dBV/m	Grid 6 M4 17.68 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 23.42 dBV/m	Grid 9 M4 22.67 dBV/m

Total = 23.42 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



0 dB = 14.83 V/m = 23.42 dBV/m

11_HAC RF GSM1900_ANT7_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 : 23.2 °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 = 4.131 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.23 dBV/m

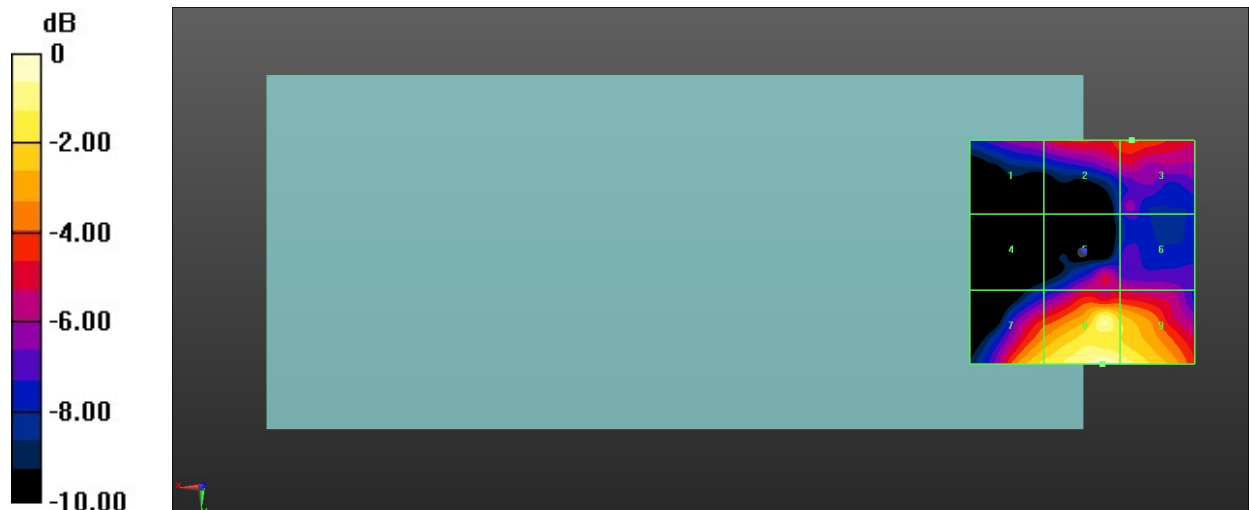
MIF scaled E-field

Grid 1 M4 17.66 dBV/m	Grid 2 M4 19.16 dBV/m	Grid 3 M4 19.35 dBV/m
Grid 4 M4 15.08 dBV/m	Grid 5 M4 18.04 dBV/m	Grid 6 M4 17.82 dBV/m
Grid 7 M4 21.56 dBV/m	Grid 8 M4 23.23 dBV/m	Grid 9 M4 22.63 dBV/m

Total = 23.23 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



12_HAC RF GSM1900_ANT7_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 = 3.925 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.17 dBV/m

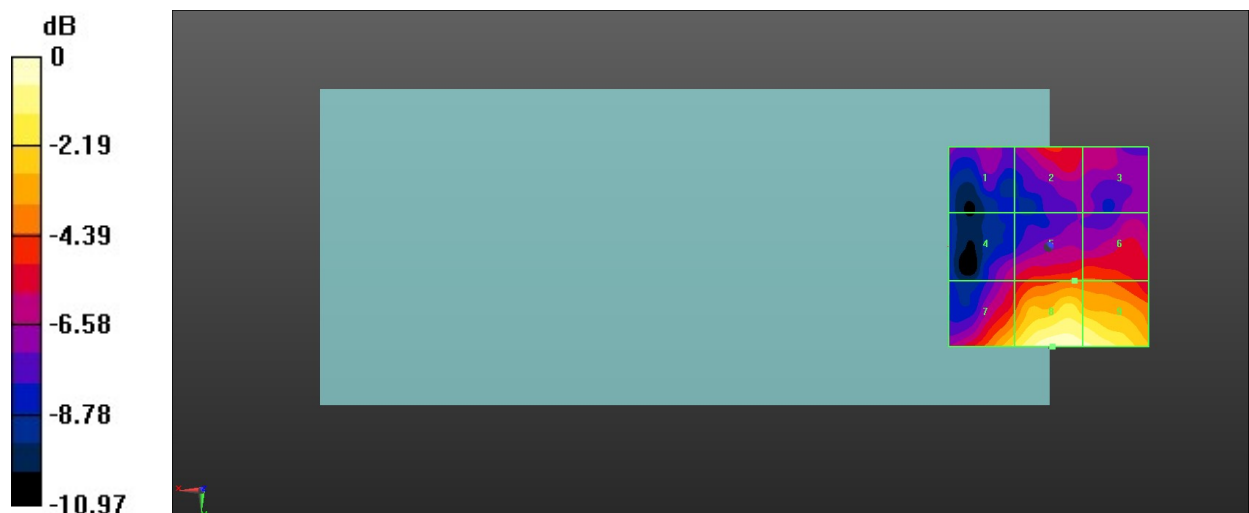
MIF scaled E-field

Grid 1 M4 15.69 dBV/m	Grid 2 M4 17.4 dBV/m	Grid 3 M4 16.33 dBV/m
Grid 4 M4 16.39 dBV/m	Grid 5 M4 17.94 dBV/m	Grid 6 M4 17.93 dBV/m
Grid 7 M4 20.32 dBV/m	Grid 8 M4 22.17 dBV/m	Grid 9 M4 21.69 dBV/m

Total = 22.17 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 12.84 V/m = 22.17 dBV/m

13_HAC RF LTE B38_20M_ANT 7_QPSK_1RB_0Offset_Ch37850

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2580 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)

Ch37850/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.759 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.58 dBV/m

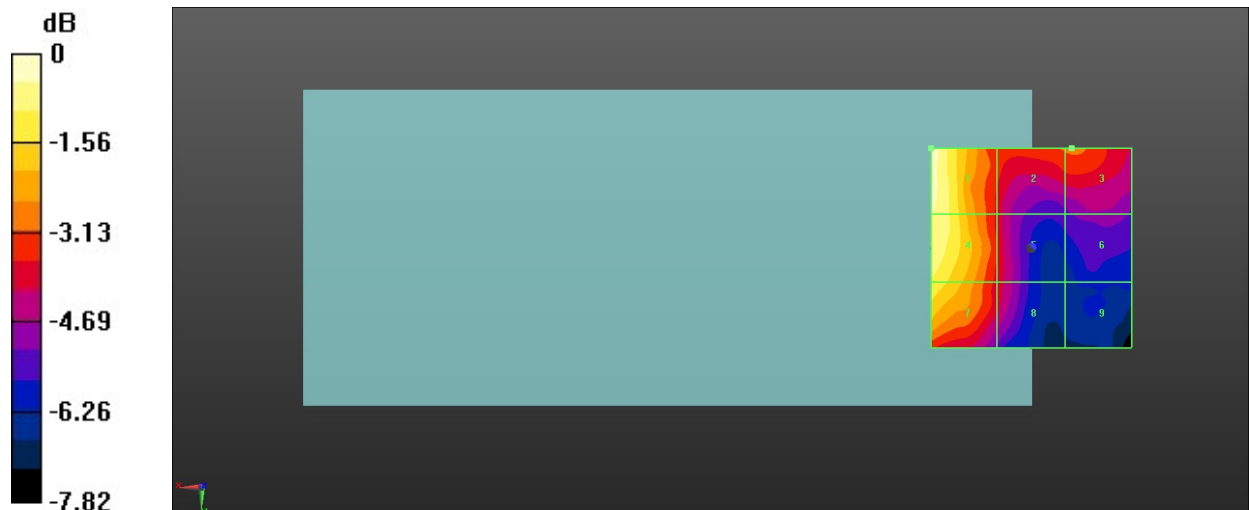
MIF scaled E-field

Grid 1 M4 21.58 dBV/m	Grid 2 M4 18.53 dBV/m	Grid 3 M4 18.54 dBV/m
Grid 4 M4 21.07 dBV/m	Grid 5 M4 17.98 dBV/m	Grid 6 M4 16.79 dBV/m
Grid 7 M4 20.46 dBV/m	Grid 8 M4 17.73 dBV/m	Grid 9 M4 15.49 dBV/m

Total = 21.58 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



14_HAC RF LTE B38_20M_ANT 7_QPSK_1RB_0Offset_Ch38000

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2610 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)

Ch38150/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.885 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.98 dBV/m

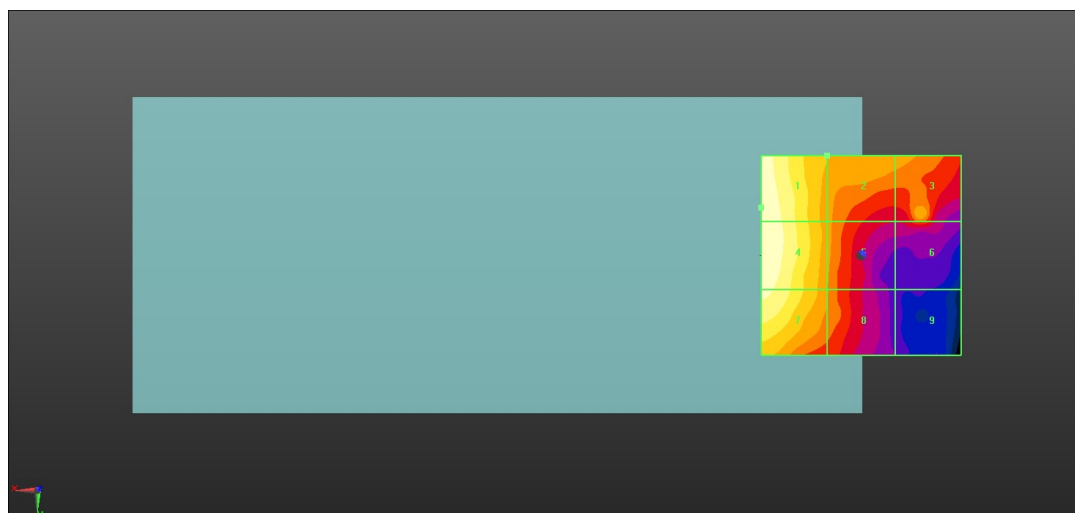
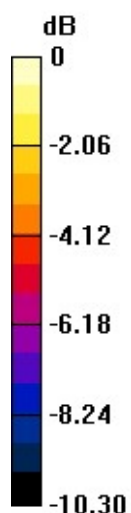
MIF scaled E-field

Grid 1 M4 20.98 dBV/m	Grid 2 M4 18.28 dBV/m	Grid 3 M4 18.19 dBV/m
Grid 4 M4 20.98 dBV/m	Grid 5 M4 17.9 dBV/m	Grid 6 M4 17.09 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 17.64 dBV/m	Grid 9 M4 14.19 dBV/m

Total = 20.98 dBV/m

E Category: M4

Location: 25, -12, 8.7 mm



0 dB = 11.19 V/m = 20.98 dBV/m

15_HAC RF LTE B38_20M_ANT 7_QPSK_1RB_0Offset_Ch38150

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2595 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)

Ch38000/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 40.33 V/m; Power Drift = 0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.41 dBV/m

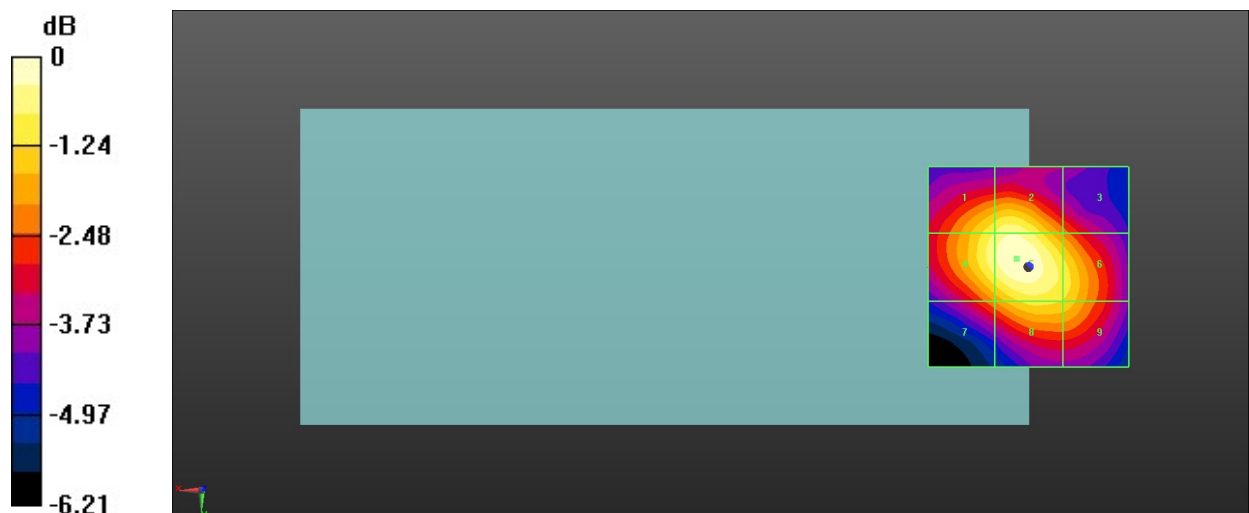
MIF scaled E-field

Grid 1 M4 25.59 dBV/m	Grid 2 M4 25.97 dBV/m	Grid 3 M4 24.22 dBV/m
Grid 4 M4 25.92 dBV/m	Grid 5 M4 26.41 dBV/m	Grid 6 M4 25.46 dBV/m
Grid 7 M4 24.36 dBV/m	Grid 8 M4 25.37 dBV/m	Grid 9 M4 25.14 dBV/m

Total = 26.41 dBV/m

E Category: M4

Location: 3, -2, 8.7 mm



0 dB = 20.91 V/m = 26.41 dBV/m

16_HAC RF LTE B41_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: 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 = 13.05 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.26 dBV/m

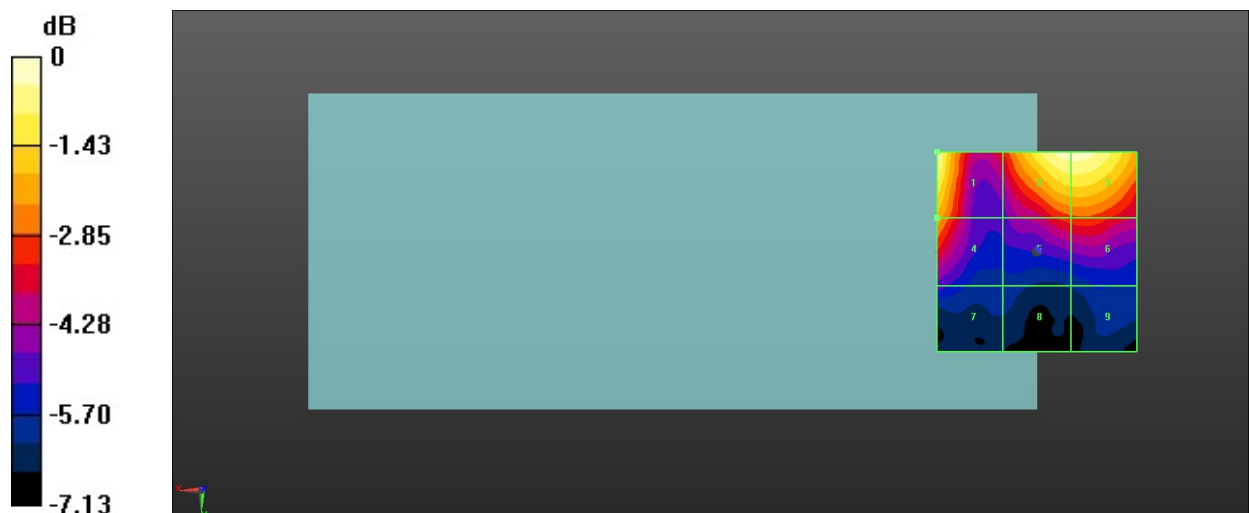
MIF scaled E-field

Grid 1 M4 25.26 dBV/m	Grid 2 M4 25.09 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 23.26 dBV/m	Grid 5 M4 22.28 dBV/m	Grid 6 M4 22.37 dBV/m
Grid 7 M4 20.36 dBV/m	Grid 8 M4 19.47 dBV/m	Grid 9 M4 19.65 dBV/m

Total = 25.26 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 18.32 V/m = 25.26 dBV/m

17_HAC RF LTE B41_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: 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 = 13.24 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.77 dBV/m

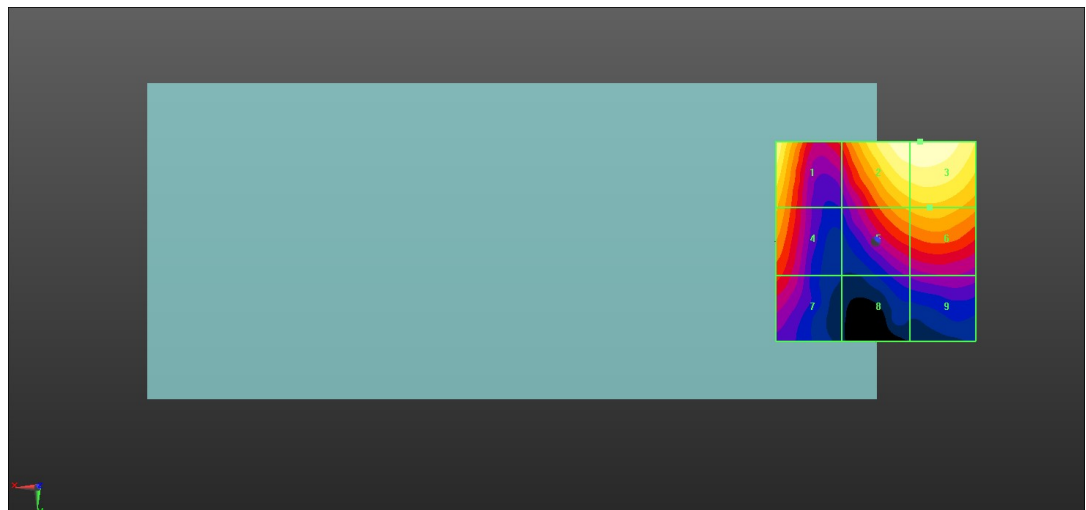
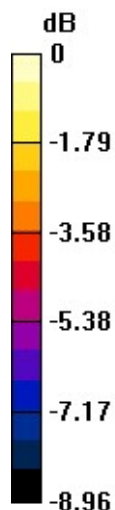
MIF scaled E-field

Grid 1 M4 24.4 dBV/m	Grid 2 M4 24.71 dBV/m	Grid 3 M4 24.77 dBV/m
Grid 4 M4 22.51 dBV/m	Grid 5 M4 22.56 dBV/m	Grid 6 M4 22.82 dBV/m
Grid 7 M4 20.87 dBV/m	Grid 8 M4 18.93 dBV/m	Grid 9 M4 19.42 dBV/m

Total = 24.77 dBV/m

E Category: M4

Location: -11, -25, 8.7 mm



0 dB = 17.32 V/m = 24.77 dBV/m

18_HAC RF LTE B41_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: 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 = 12.64 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.38 dBV/m

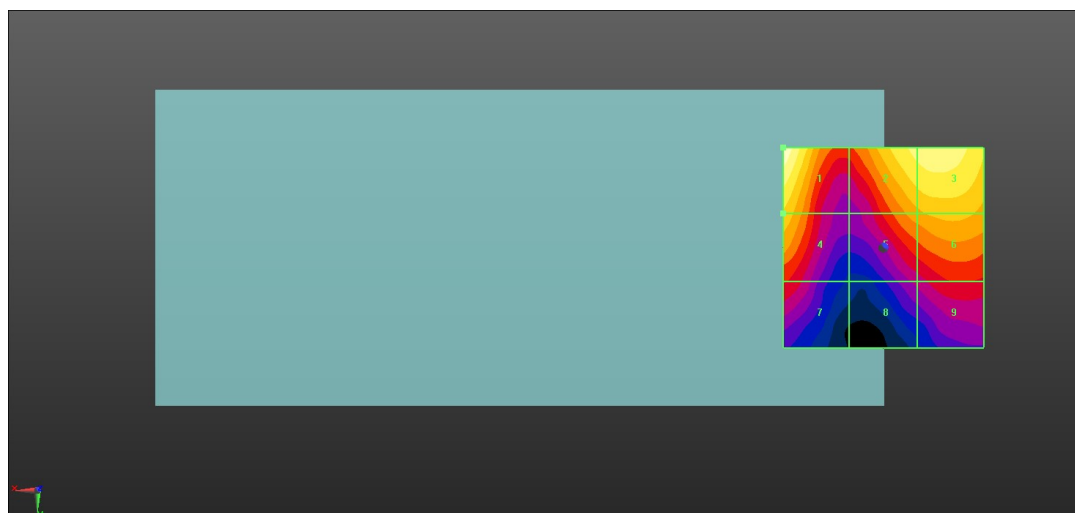
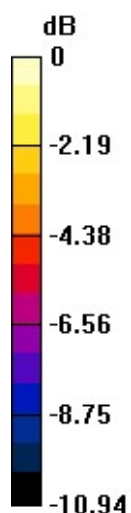
MIF scaled E-field

Grid 1 M4 25.38 dBV/m	Grid 2 M4 24.23 dBV/m	Grid 3 M4 24.41 dBV/m
Grid 4 M4 23.09 dBV/m	Grid 5 M4 22.23 dBV/m	Grid 6 M4 22.73 dBV/m
Grid 7 M4 20.36 dBV/m	Grid 8 M4 19.16 dBV/m	Grid 9 M4 20.31 dBV/m

Total = 25.38 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 18.59 V/m = 25.39 dBV/m

19_HAC RF LTE B41_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: 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 = 13.43 V/m; Power Drift = 0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.85 dBV/m

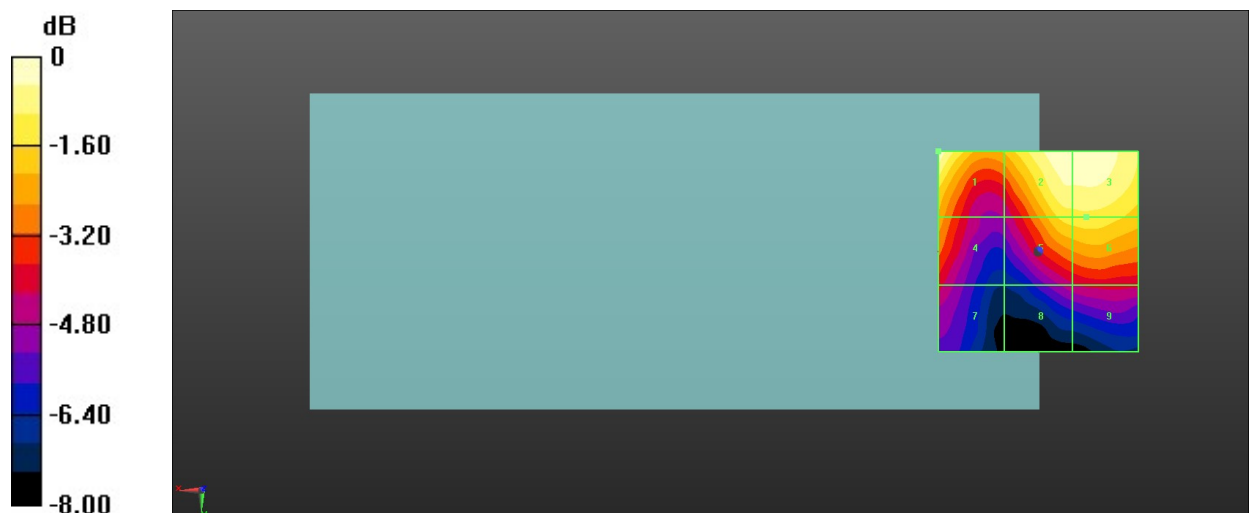
MIF scaled E-field

Grid 1 M4 23.85 dBV/m	Grid 2 M4 23.78 dBV/m	Grid 3 M4 23.78 dBV/m
Grid 4 M4 21.61 dBV/m	Grid 5 M4 22.53 dBV/m	Grid 6 M4 22.61 dBV/m
Grid 7 M4 19.82 dBV/m	Grid 8 M4 19.44 dBV/m	Grid 9 M4 19.8 dBV/m

Total = 23.85 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 15.57 V/m = 23.85 dBV/m

20_HAC RF LTE B41_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: 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 = 10.46 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.83 dBV/m

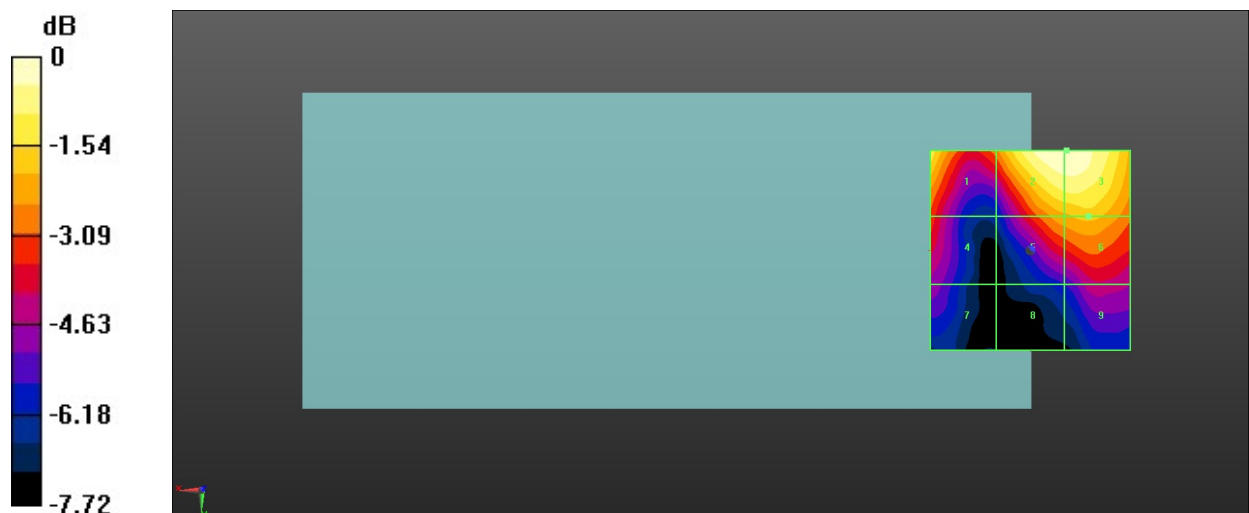
MIF scaled E-field

Grid 1 M4 21.8 dBV/m	Grid 2 M4 22.83 dBV/m	Grid 3 M4 22.83 dBV/m
Grid 4 M4 19.64 dBV/m	Grid 5 M4 20.66 dBV/m	Grid 6 M4 21 dBV/m
Grid 7 M4 18.15 dBV/m	Grid 8 M4 17.22 dBV/m	Grid 9 M4 18.65 dBV/m

Total = 22.83 dBV/m

E Category: M4

Location: -9, -25, 8.7 mm



0 dB = 13.86 V/m = 22.84 dBV/m

21_HAC RF WLAN2.4GHz_Ant 8_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 = 42.64 V/m; Power Drift = 0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.05 dBV/m

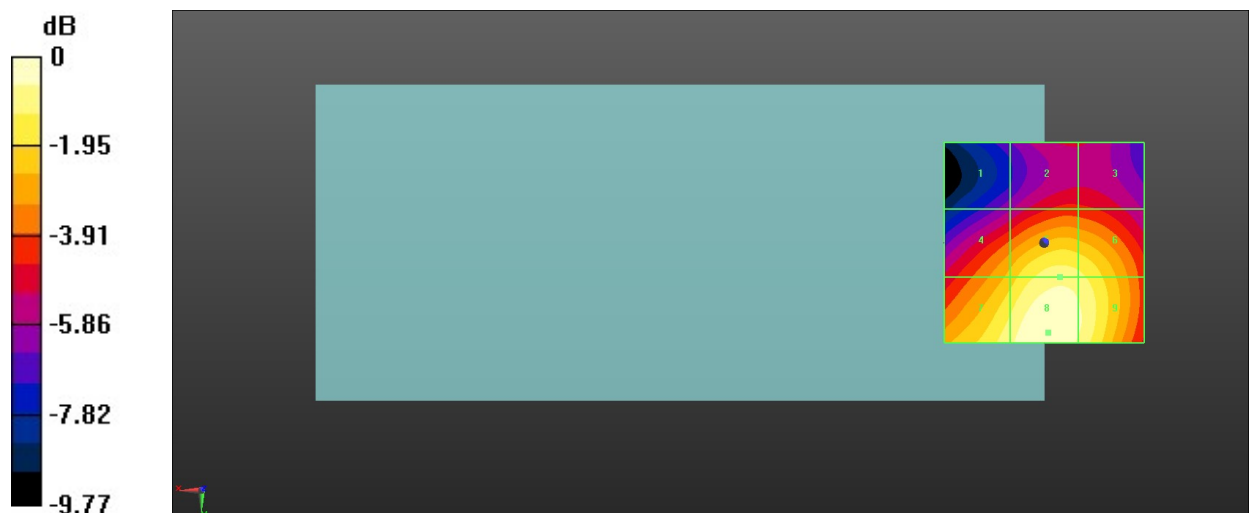
MIF scaled E-field

Grid 1 M4 26.09 dBV/m	Grid 2 M4 27.74 dBV/m	Grid 3 M4 27.7 dBV/m
Grid 4 M4 29.71 dBV/m	Grid 5 M3 31.13 dBV/m	Grid 6 M3 30.94 dBV/m
Grid 7 M3 31.23 dBV/m	Grid 8 M3 32.05 dBV/m	Grid 9 M3 31.53 dBV/m

Total = 32.05 dBV/m

E Category: M3

Location: -1, 22.5, 8.7 mm



0 dB = 40.02 V/m = 32.05 dBV/m

22_HAC RF WLAN2.4GHz_Ant 8_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 = 47.46 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.41 dBV/m

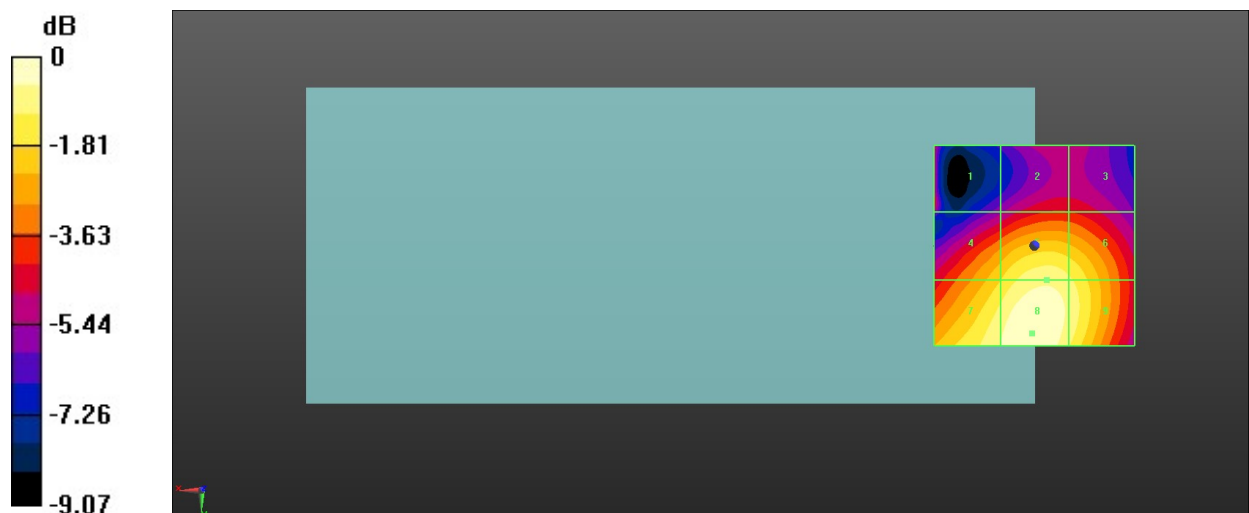
MIF scaled E-field

Grid 1 M4 28.18 dBV/m	Grid 2 M4 28.26 dBV/m	Grid 3 M4 28.2 dBV/m
Grid 4 M3 30.57 dBV/m	Grid 5 M3 31.65 dBV/m	Grid 6 M3 31.33 dBV/m
Grid 7 M3 31.83 dBV/m	Grid 8 M3 32.41 dBV/m	Grid 9 M3 31.69 dBV/m

Total = 32.41 dBV/m

E Category: M3

Location: 0.5, 22, 8.7 mm



0 dB = 41.73 V/m = 32.41 dBV/m

23_HAC RF WLAN2.4GHz_Ant 8_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 = 50.35 V/m; Power Drift = -0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.17 dBV/m

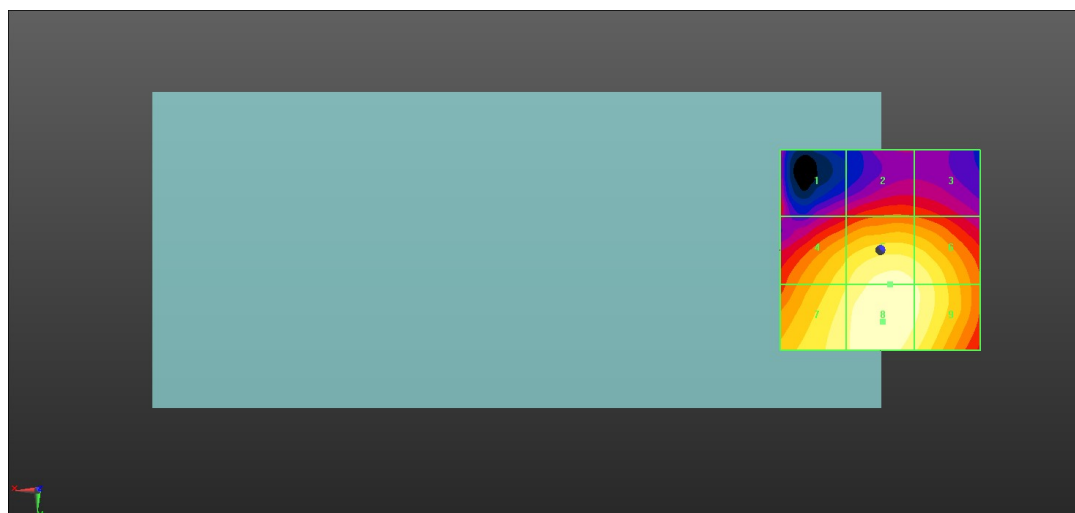
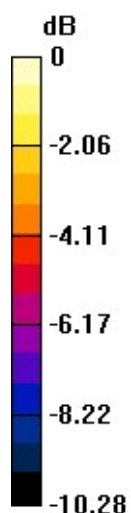
MIF scaled E-field

Grid 1 M4 27.64 dBV/m	Grid 2 M4 28.2 dBV/m	Grid 3 M4 28.05 dBV/m
Grid 4 M3 30.74 dBV/m	Grid 5 M3 31.82 dBV/m	Grid 6 M3 31.53 dBV/m
Grid 7 M3 31.38 dBV/m	Grid 8 M3 32.17 dBV/m	Grid 9 M3 31.67 dBV/m

Total = 32.17 dBV/m

E Category: M3

Location: -0.5, 18, 8.7 mm



0 dB = 40.62 V/m = 32.17 dBV/m

24_HAC RF FR1 N78_100M_ANT 6_QPSK_1RB_137Offset_Ch650000

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
Frequency: 3750 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: 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)

Ch650000/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 = 20.42 V/m; Power Drift = -0.06 dB

Applied MIF = -1.64 dB

RF audio interference level = 25.33 dBV/m

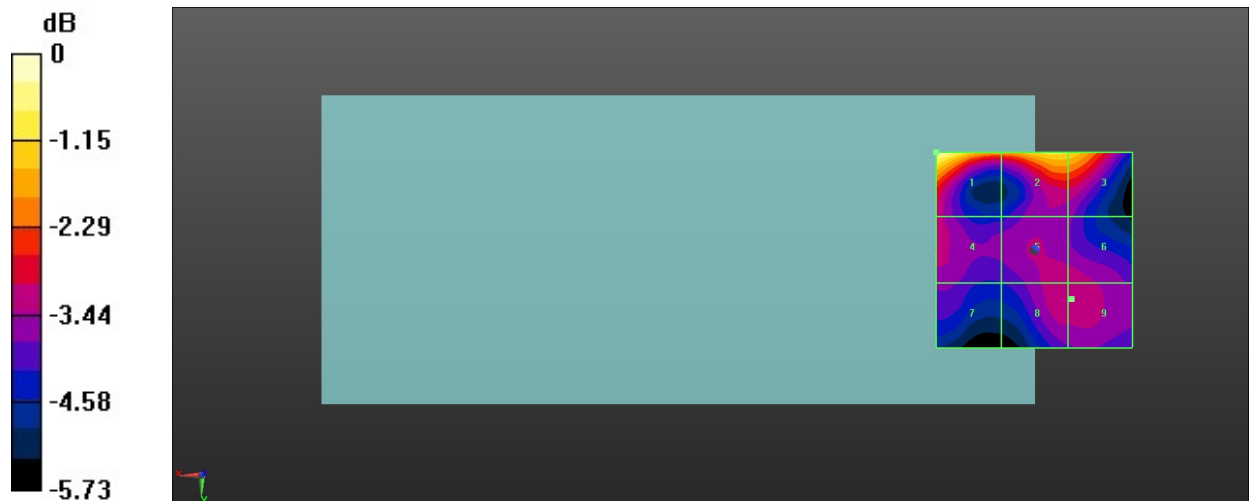
MIF scaled E-field

Grid 1 M4 25.33 dBV/m	Grid 2 M4 24.37 dBV/m	Grid 3 M4 24.27 dBV/m
Grid 4 M4 22.18 dBV/m	Grid 5 M4 22.17 dBV/m	Grid 6 M4 22.17 dBV/m
Grid 7 M4 21.65 dBV/m	Grid 8 M4 22.23 dBV/m	Grid 9 M4 22.23 dBV/m

Total = 25.33 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



25_HAC RF FR1 N78_100M_ANT 6_QPSK_1RB_137Offset_Ch633334

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
Frequency: 3500.01 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: 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)

Ch633334/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 = 31.57 V/m; Power Drift = 0.07 dB

Applied MIF = -1.64 dB

RF audio interference level = 28.64 dBV/m

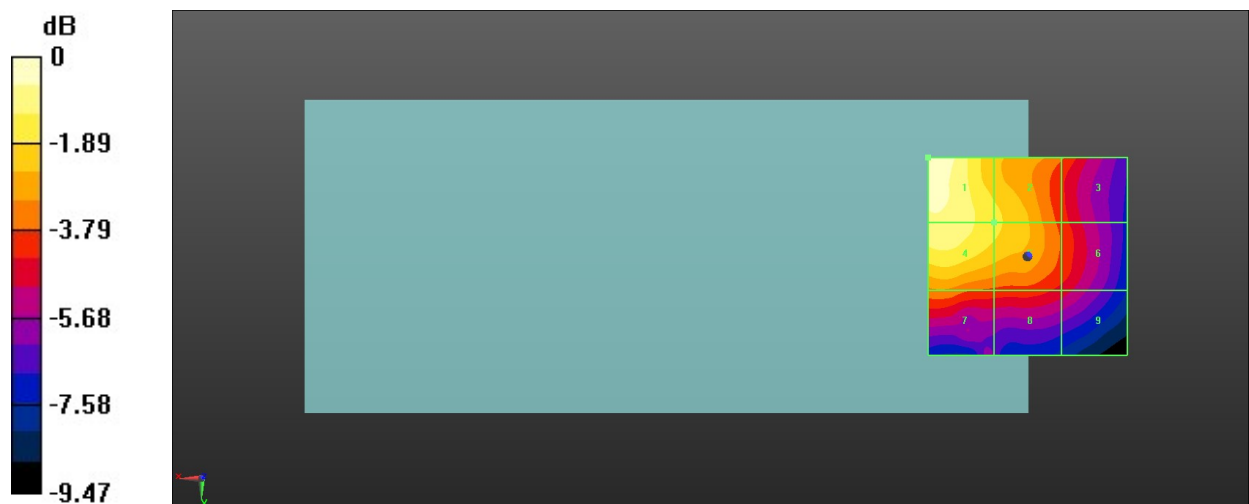
MIF scaled E-field

Grid 1 M4 28.64 dBV/m	Grid 2 M4 26.94 dBV/m	Grid 3 M4 25 dBV/m
Grid 4 M4 27.91 dBV/m	Grid 5 M4 26.94 dBV/m	Grid 6 M4 24.82 dBV/m
Grid 7 M4 25.46 dBV/m	Grid 8 M4 24.73 dBV/m	Grid 9 M4 23.98 dBV/m

Total = 28.64 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 27.04 V/m = 28.64 dBV/m