

1_HAC RF GSM850_ANT0_Voice_Ch128

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch128/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 47.87 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.99 dBV/m

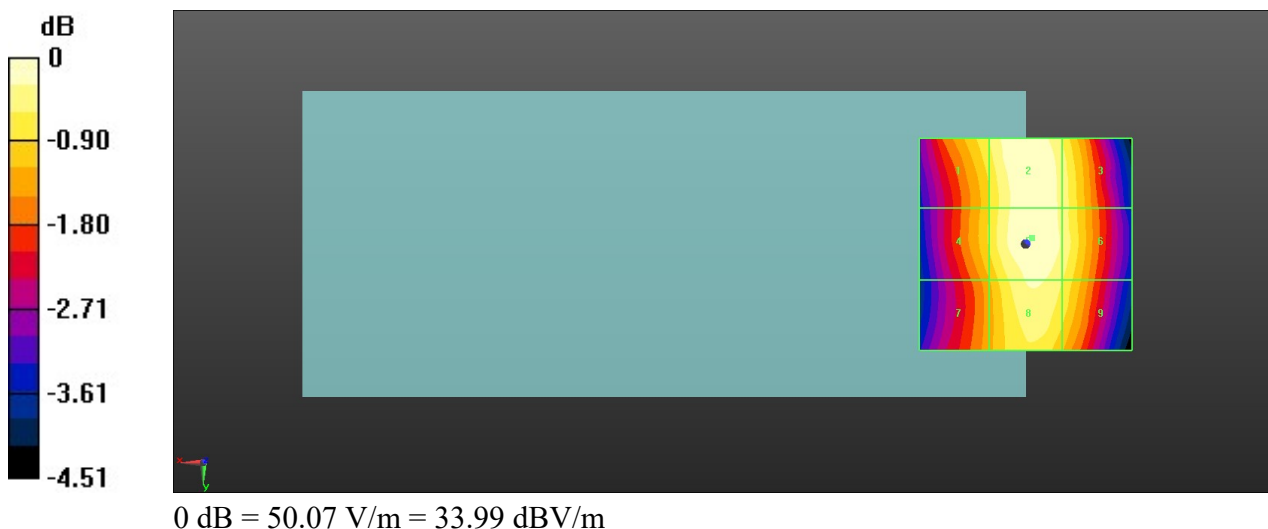
MIF scaled E-field

Grid 1 M4 33.42 dBV/m	Grid 2 M4 33.99 dBV/m	Grid 3 M4 33.6 dBV/m
Grid 4 M4 33.16 dBV/m	Grid 5 M4 33.99 dBV/m	Grid 6 M4 33.66 dBV/m
Grid 7 M4 32.79 dBV/m	Grid 8 M4 33.74 dBV/m	Grid 9 M4 33.41 dBV/m

Total = 33.99 dBV/m

E Category: M4

Location: -1.5, -1.5, 8.7 mm



2_HAC RF GSM850_ANT0_Voice_Ch189

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 43.35 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.52 dBV/m

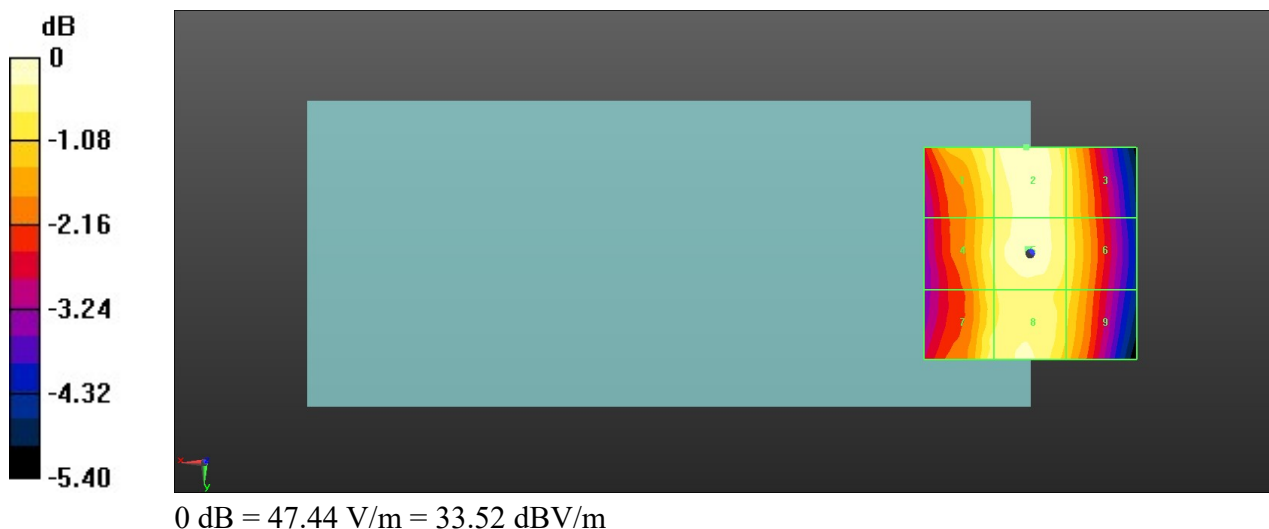
MIF scaled E-field

Grid 1 M4 33.1 dBV/m	Grid 2 M4 33.52 dBV/m	Grid 3 M4 32.71 dBV/m
Grid 4 M4 32.95 dBV/m	Grid 5 M4 33.4 dBV/m	Grid 6 M4 32.78 dBV/m
Grid 7 M4 33 dBV/m	Grid 8 M4 33.25 dBV/m	Grid 9 M4 32.61 dBV/m

Total = 33.52 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



3_HAC RF GSM850_ANT0_Voice_Ch251

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 46.85 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.01 dBV/m

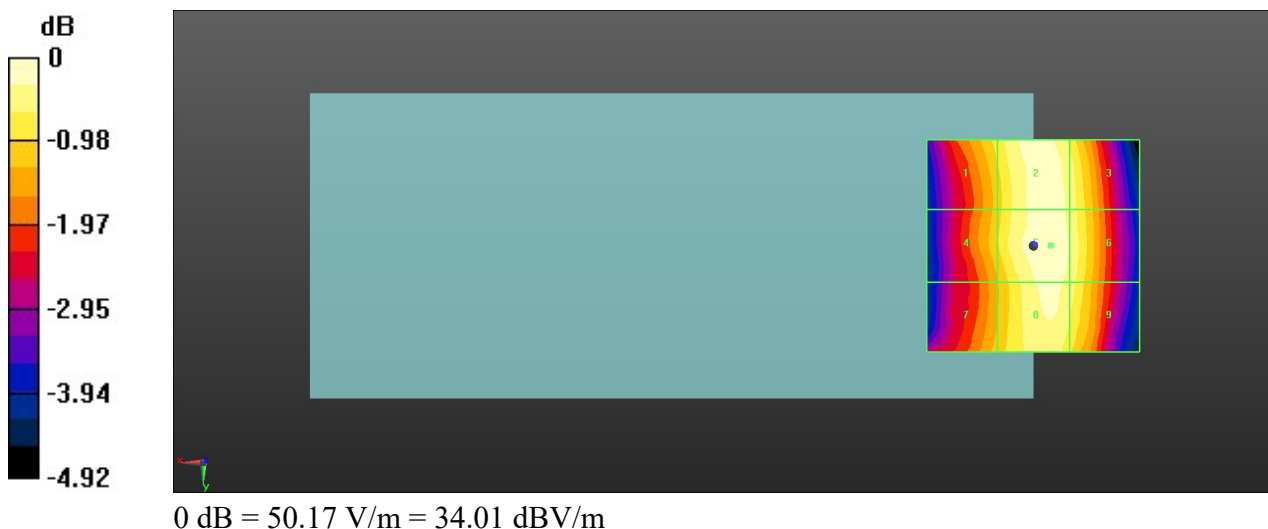
MIF scaled E-field

Grid 1 M4 33.17 dBV/m	Grid 2 M4 33.92 dBV/m	Grid 3 M4 33.58 dBV/m
Grid 4 M4 32.99 dBV/m	Grid 5 M4 34.01 dBV/m	Grid 6 M4 33.69 dBV/m
Grid 7 M4 32.85 dBV/m	Grid 8 M4 33.82 dBV/m	Grid 9 M4 33.54 dBV/m

Total = 34.01 dBV/m

E Category: M4

Location: -4, 0, 8.7 mm



4_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: 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)

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 = 53.46 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.94 dBV/m

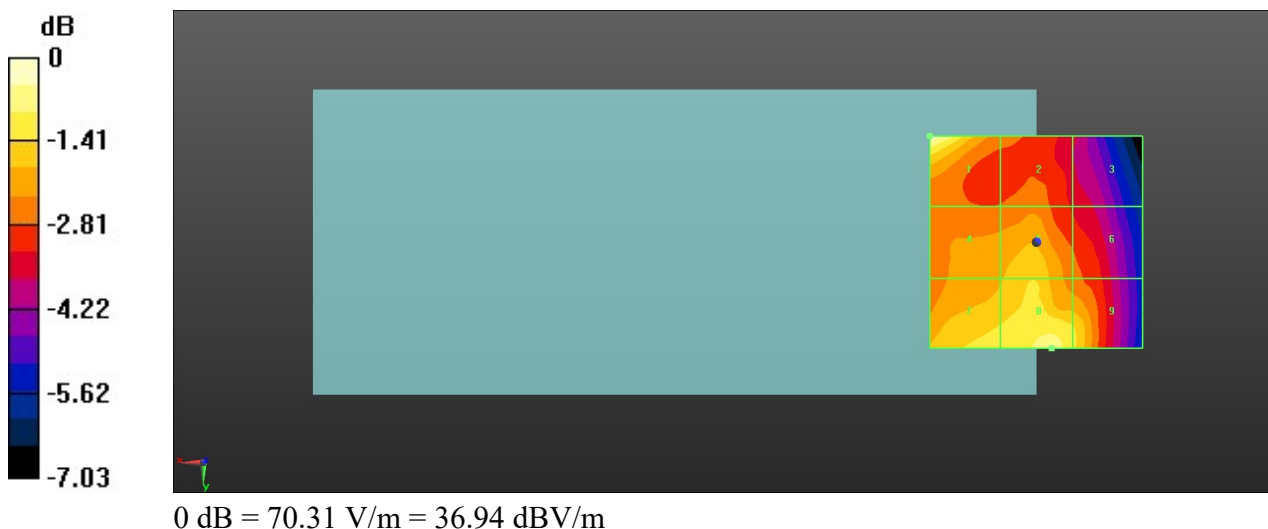
MIF scaled E-field

Grid 1 M4 36.94 dBV/m	Grid 2 M4 34.47 dBV/m	Grid 3 M4 33.63 dBV/m
Grid 4 M4 35.02 dBV/m	Grid 5 M4 35.51 dBV/m	Grid 6 M4 34.38 dBV/m
Grid 7 M4 35.84 dBV/m	Grid 8 M4 36.18 dBV/m	Grid 9 M4 35.71 dBV/m

Total = 36.94 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



5_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: 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)

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 = 50.80 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.59 dBV/m

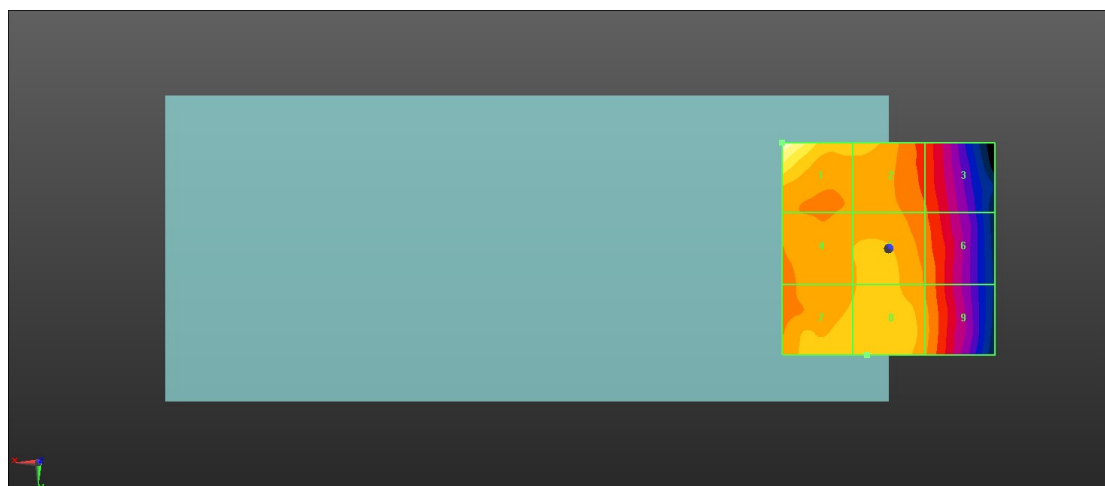
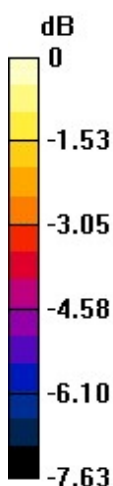
MIF scaled E-field

Grid 1 M4 36.59 dBV/m	Grid 2 M4 34.85 dBV/m	Grid 3 M4 33.63 dBV/m
Grid 4 M4 34.57 dBV/m	Grid 5 M4 34.75 dBV/m	Grid 6 M4 34.02 dBV/m
Grid 7 M4 34.96 dBV/m	Grid 8 M4 35.09 dBV/m	Grid 9 M4 34.26 dBV/m

Total = 36.59 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 67.53 V/m = 36.59 dBV/m

6_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: 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)

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 = 46.43 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.50 dBV/m

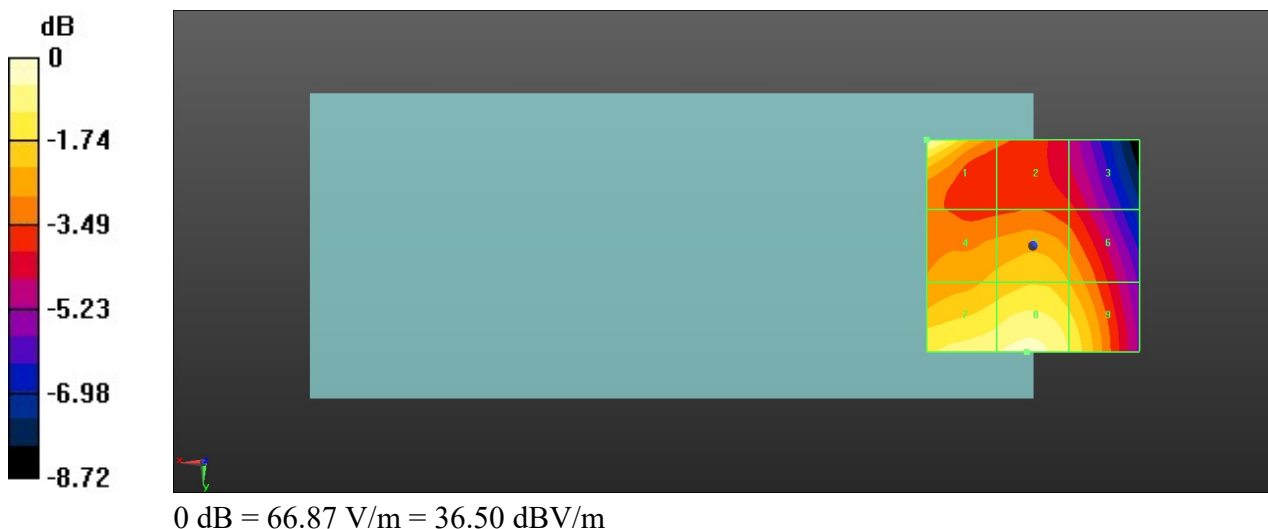
MIF scaled E-field

Grid 1 M4 36.5 dBV/m	Grid 2 M4 33.36 dBV/m	Grid 3 M4 32.63 dBV/m
Grid 4 M4 34.37 dBV/m	Grid 5 M4 34.71 dBV/m	Grid 6 M4 34.19 dBV/m
Grid 7 M4 35.86 dBV/m	Grid 8 M4 36.16 dBV/m	Grid 9 M4 35.34 dBV/m

Total = 36.50 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



7_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 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 = 17.14 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.19 dBV/m

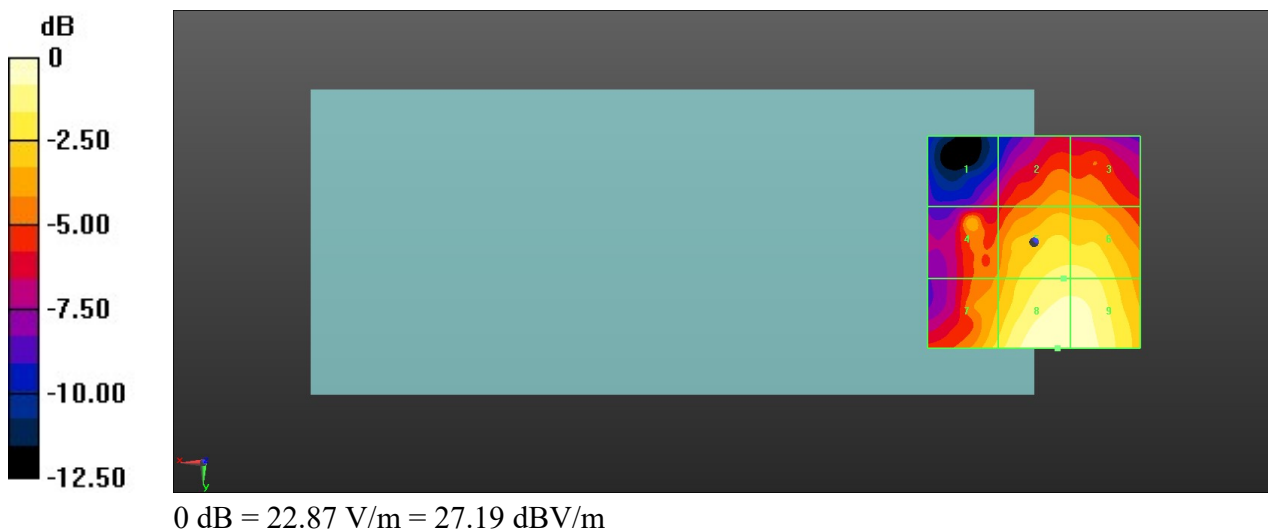
MIF scaled E-field

Grid 1 M4 21 dBV/m	Grid 2 M4 23.61 dBV/m	Grid 3 M4 23.52 dBV/m
Grid 4 M4 23.76 dBV/m	Grid 5 M4 25.89 dBV/m	Grid 6 M4 25.87 dBV/m
Grid 7 M4 25.12 dBV/m	Grid 8 M4 27.19 dBV/m	Grid 9 M4 27.03 dBV/m

Total = 27.19 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



8_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 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 = 16.16 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.66 dBV/m

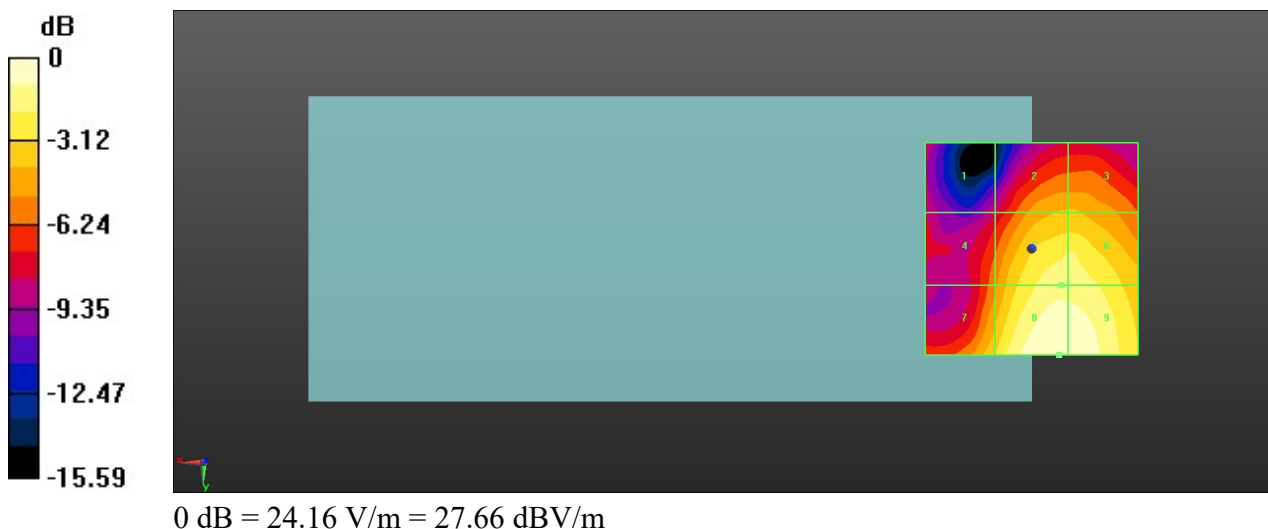
MIF scaled E-field

Grid 1 M4 19.74 dBV/m	Grid 2 M4 23.68 dBV/m	Grid 3 M4 23.69 dBV/m
Grid 4 M4 22.3 dBV/m	Grid 5 M4 26.25 dBV/m	Grid 6 M4 26.21 dBV/m
Grid 7 M4 24.63 dBV/m	Grid 8 M4 27.66 dBV/m	Grid 9 M4 27.6 dBV/m

Total = 27.66 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



9_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 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 = 16.99 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.47 dBV/m

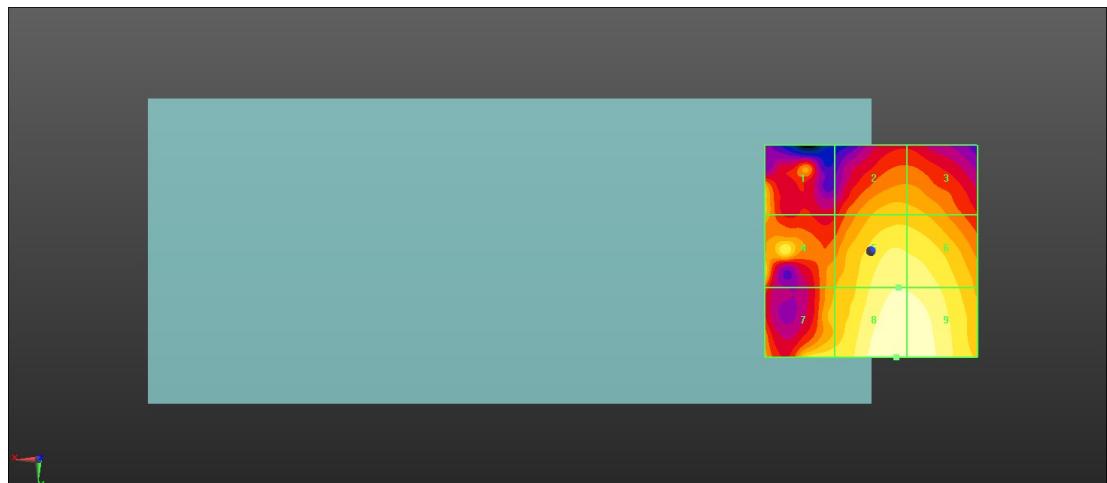
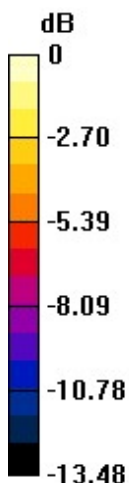
MIF scaled E-field

Grid 1 M4 23.61 dBV/m	Grid 2 M4 23.5 dBV/m	Grid 3 M4 23.37 dBV/m
Grid 4 M4 24.53 dBV/m	Grid 5 M4 25.59 dBV/m	Grid 6 M4 25.53 dBV/m
Grid 7 M4 24.73 dBV/m	Grid 8 M4 26.47 dBV/m	Grid 9 M4 26.38 dBV/m

Total = 26.47 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 21.06 V/m = 26.47 dBV/m

10_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: 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)

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 = 17.32 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.97 dBV/m

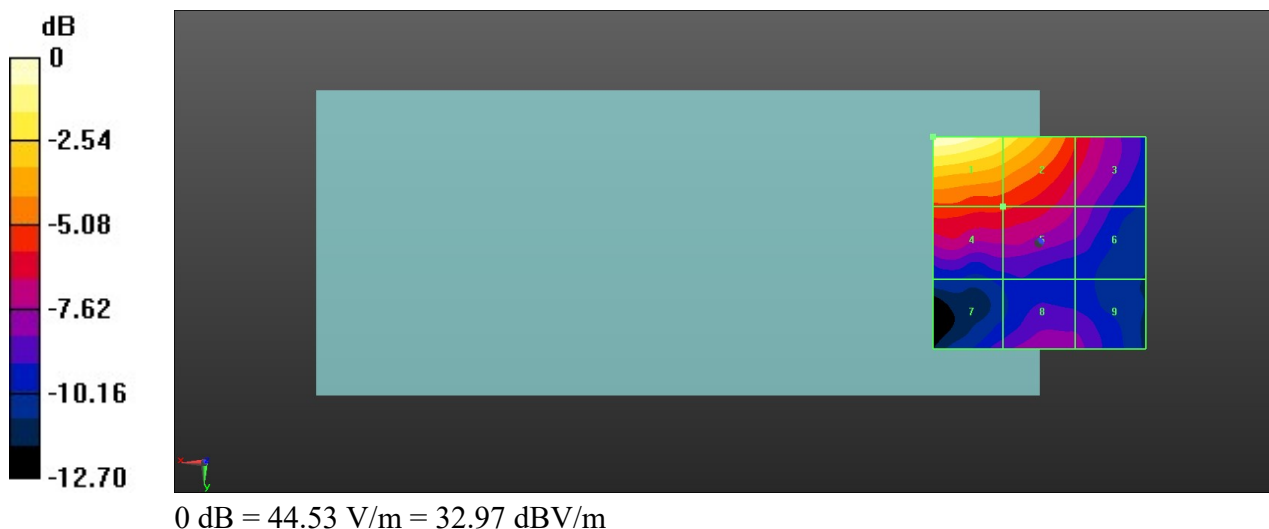
MIF scaled E-field

Grid 1 M3 32.97 dBV/m	Grid 2 M3 31.25 dBV/m	Grid 3 M4 27.23 dBV/m
Grid 4 M4 27.72 dBV/m	Grid 5 M4 27.27 dBV/m	Grid 6 M4 25.3 dBV/m
Grid 7 M4 24.31 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 24.83 dBV/m

Total = 32.97 dBV/m

E Category: M3

Location: 25, -25, 8.7 mm



11_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: 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)

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 = 14.68 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.42 dBV/m

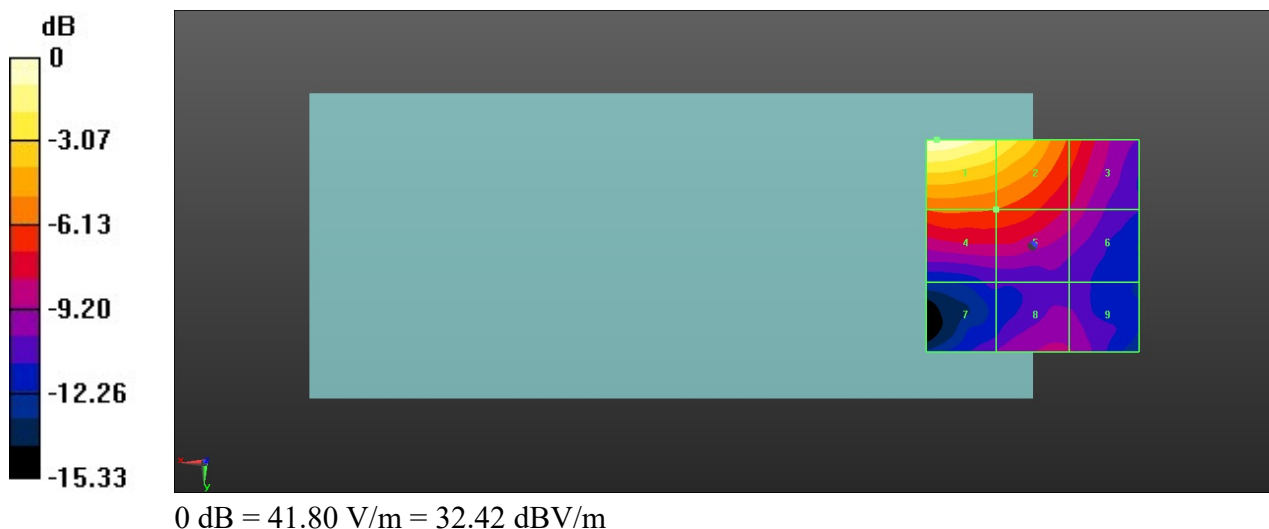
MIF scaled E-field

Grid 1 M3 32.42 dBV/m	Grid 2 M3 30.61 dBV/m	Grid 3 M4 26.19 dBV/m
Grid 4 M4 26.54 dBV/m	Grid 5 M4 26.28 dBV/m	Grid 6 M4 24.16 dBV/m
Grid 7 M4 22.37 dBV/m	Grid 8 M4 23.52 dBV/m	Grid 9 M4 23.4 dBV/m

Total = 32.42 dBV/m

E Category: M3

Location: 22.5, -25, 8.7 mm



12_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: 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)

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 = 14.60 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.08 dBV/m

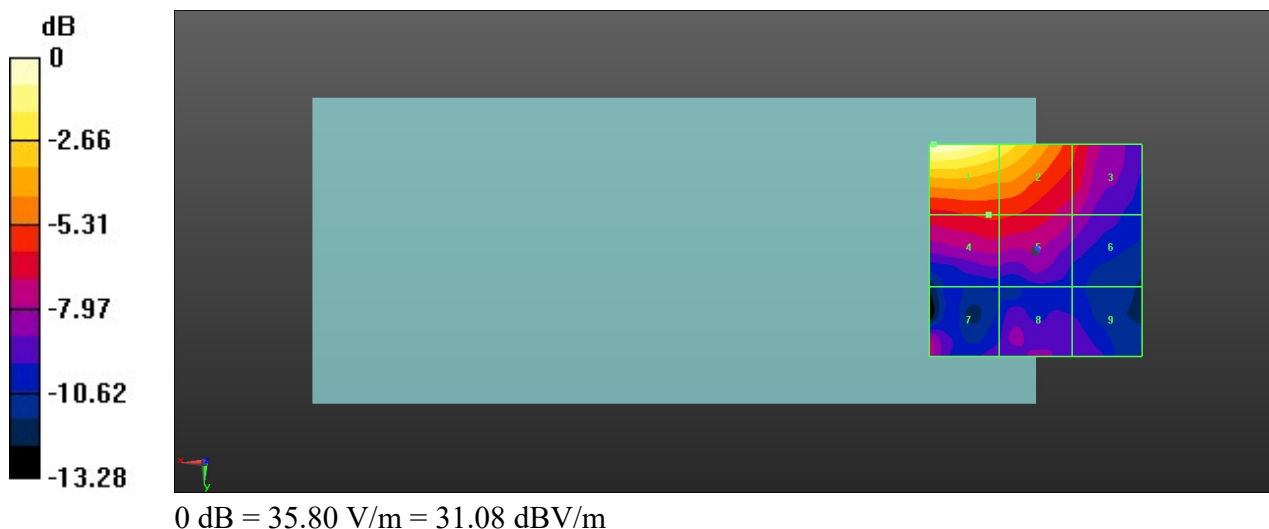
MIF scaled E-field

Grid 1 M3 31.08 dBV/m	Grid 2 M4 29.29 dBV/m	Grid 3 M4 25.3 dBV/m
Grid 4 M4 25.07 dBV/m	Grid 5 M4 25.06 dBV/m	Grid 6 M4 23.34 dBV/m
Grid 7 M4 23.71 dBV/m	Grid 8 M4 22.55 dBV/m	Grid 9 M4 22.04 dBV/m

Total = 31.08 dBV/m

E Category: M3

Location: 24, -25, 8.7 mm



13_HAC RF GSM1900_ANT2_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 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 = 9.362 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.54 dBV/m

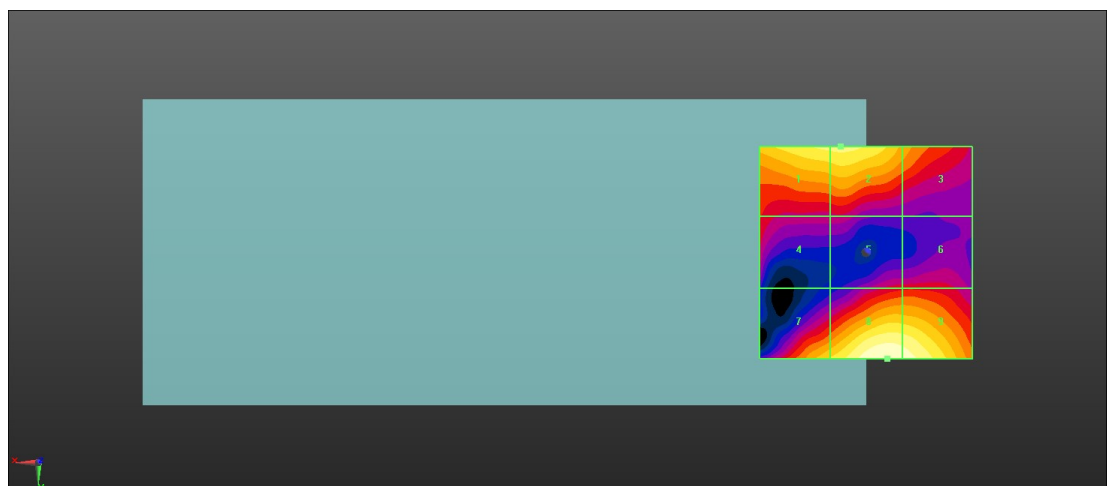
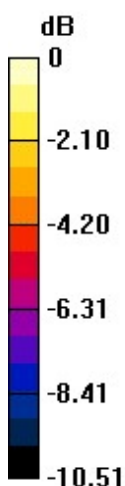
MIF scaled E-field

Grid 1 M4 27.38 dBV/m	Grid 2 M4 27.44 dBV/m	Grid 3 M4 25.53 dBV/m
Grid 4 M4 23.75 dBV/m	Grid 5 M4 23.45 dBV/m	Grid 6 M4 23.55 dBV/m
Grid 7 M4 26.54 dBV/m	Grid 8 M4 28.54 dBV/m	Grid 9 M4 28.27 dBV/m

Total = 28.54 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



0 dB = 26.72 V/m = 28.54 dBV/m

14_HAC RF GSM1900_ANT2_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 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 = 9.490 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.61 dBV/m

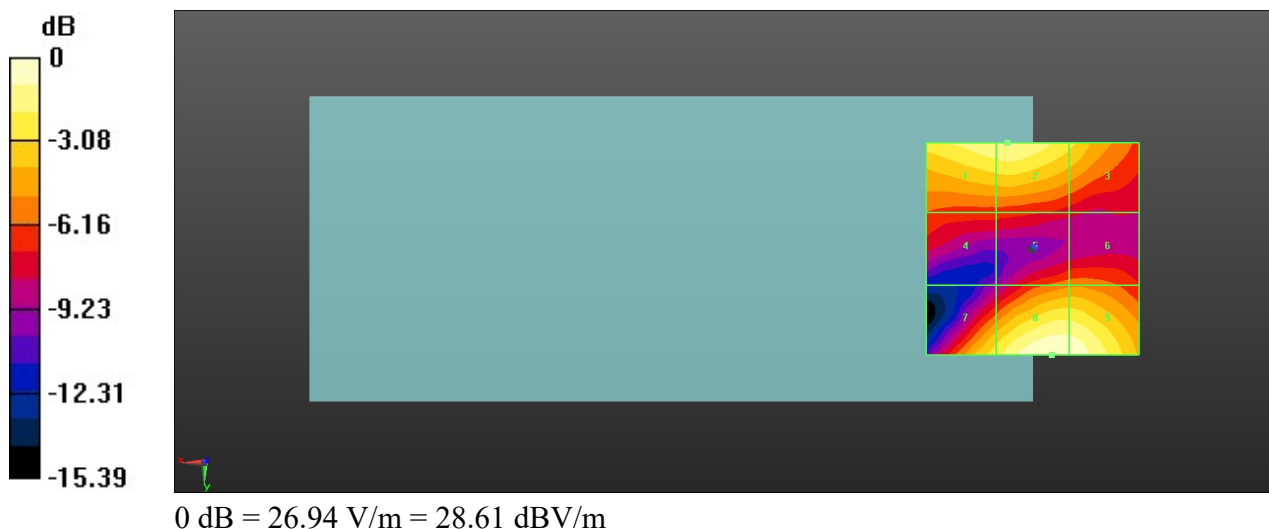
MIF scaled E-field

Grid 1 M4 27.61 dBV/m	Grid 2 M4 27.69 dBV/m	Grid 3 M4 25.9 dBV/m
Grid 4 M4 22.45 dBV/m	Grid 5 M4 23.18 dBV/m	Grid 6 M4 23.29 dBV/m
Grid 7 M4 26.25 dBV/m	Grid 8 M4 28.61 dBV/m	Grid 9 M4 28.48 dBV/m

Total = 28.61 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



15_HAC RF GSM1900_ANT2_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 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 = 7.614 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.49 dBV/m

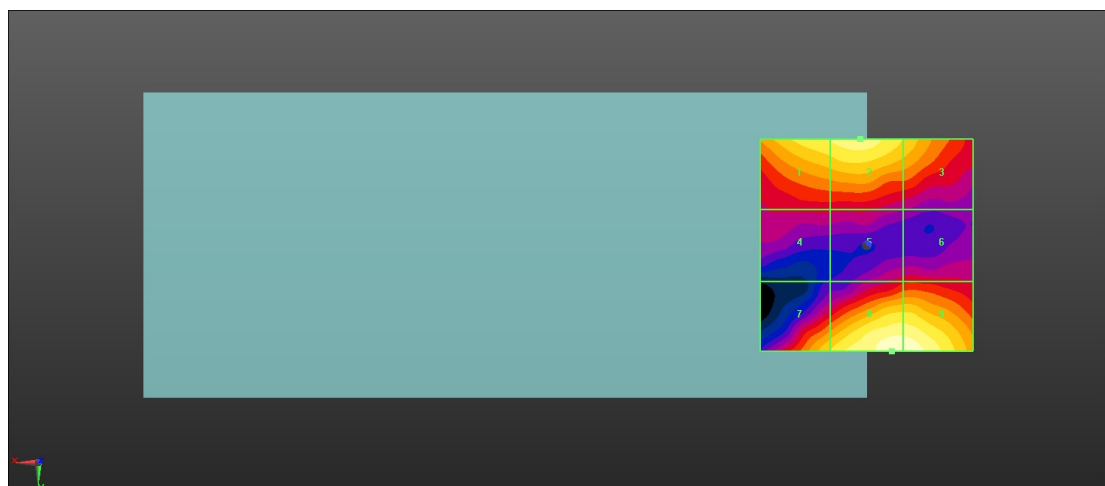
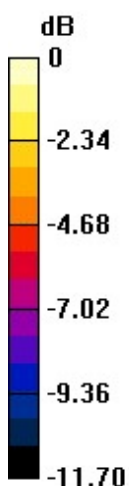
MIF scaled E-field

Grid 1 M4 26.05 dBV/m	Grid 2 M4 26.47 dBV/m	Grid 3 M4 25.16 dBV/m
Grid 4 M4 21.55 dBV/m	Grid 5 M4 21.79 dBV/m	Grid 6 M4 21.94 dBV/m
Grid 7 M4 25.25 dBV/m	Grid 8 M4 27.49 dBV/m	Grid 9 M4 27.39 dBV/m

Total = 27.49 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 23.68 V/m = 27.49 dBV/m

16_HAC RF GSM1900_ANT3_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 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 = 32.75 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.75 dBV/m

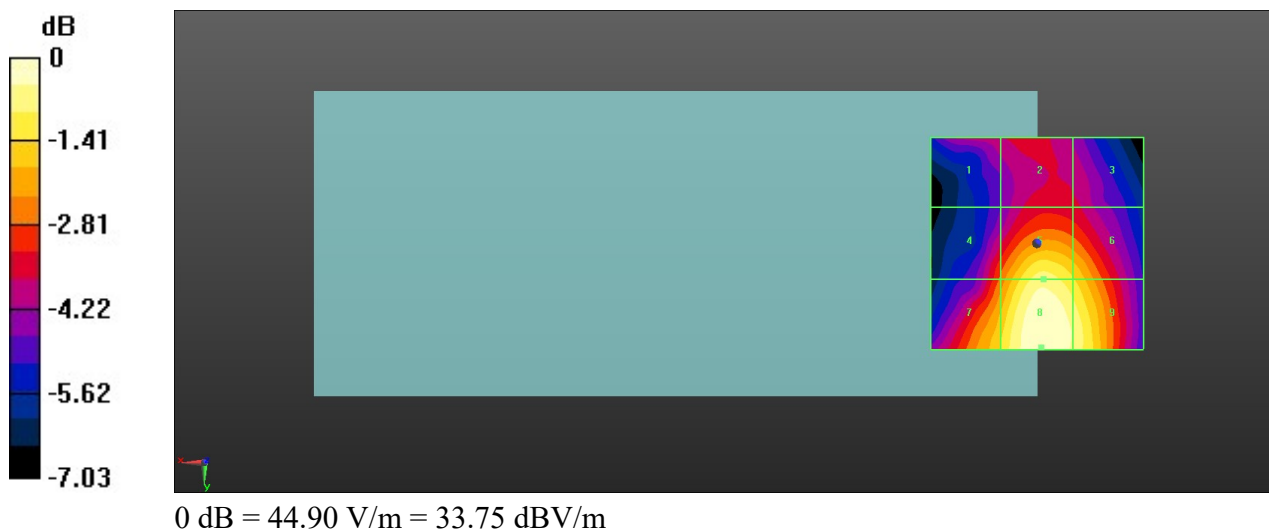
MIF scaled E-field

Grid 1 M4 29.83 dBV/m	Grid 2 M4 29.95 dBV/m	Grid 3 M4 29.89 dBV/m
Grid 4 M4 30.09 dBV/m	Grid 5 M3 32.81 dBV/m	Grid 6 M3 32.41 dBV/m
Grid 7 M3 32.38 dBV/m	Grid 8 M3 33.75 dBV/m	Grid 9 M3 33.03 dBV/m

Total = 33.75 dBV/m

E Category: M3

Location: -1, 24.5, 8.7 mm



17_HAC RF GSM1900_ANT3_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 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 = 35.81 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.82 dBV/m

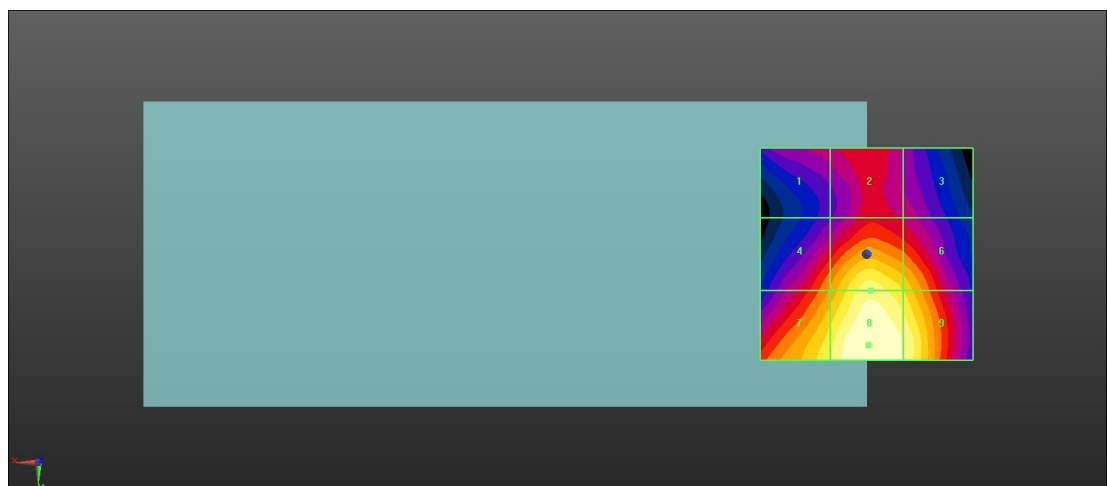
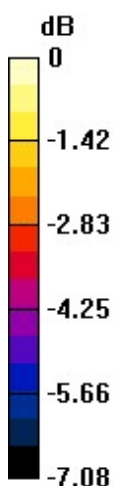
MIF scaled E-field

Grid 1 M4 28.98 dBV/m	Grid 2 M4 29.63 dBV/m	Grid 3 M4 29.01 dBV/m
Grid 4 M3 30.61 dBV/m	Grid 5 M3 32.13 dBV/m	Grid 6 M3 31.38 dBV/m
Grid 7 M3 32.6 dBV/m	Grid 8 M3 33.82 dBV/m	Grid 9 M3 32.86 dBV/m

Total = 33.82 dBV/m

E Category: M3

Location: -0.5, 21.5, 8.7 mm



0 dB = 43.21 V/m = 33.82 dBV/m

18_HAC RF GSM1900_ANT3_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 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 = 34.52 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.18 dBV/m

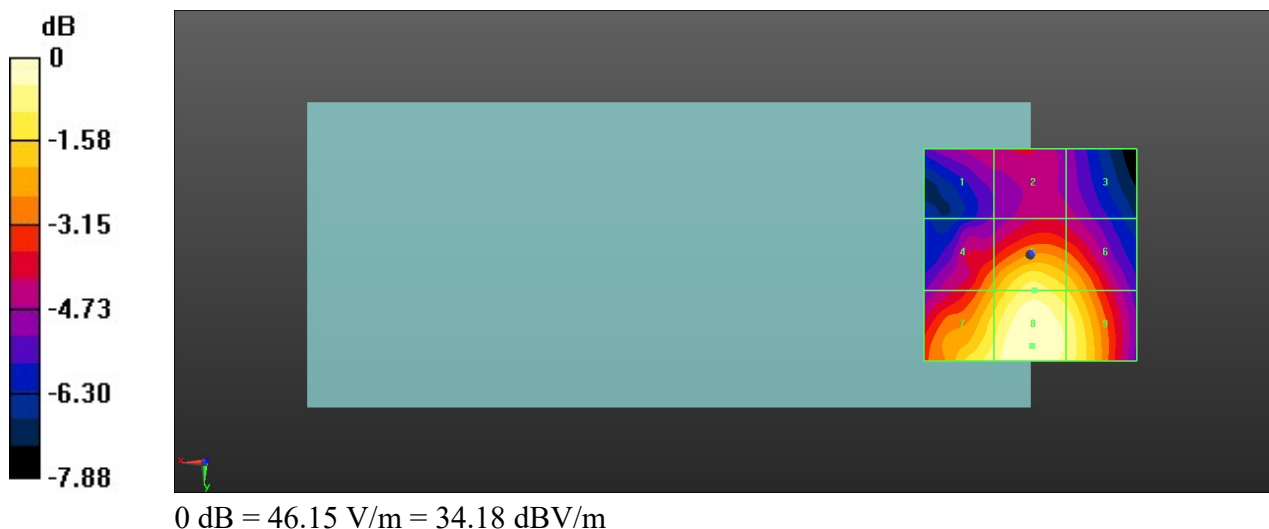
MIF scaled E-field

Grid 1 M4 29.62 dBV/m	Grid 2 M4 29.92 dBV/m	Grid 3 M4 29.59 dBV/m
Grid 4 M3 31.96 dBV/m	Grid 5 M3 33.39 dBV/m	Grid 6 M3 32.68 dBV/m
Grid 7 M3 33.49 dBV/m	Grid 8 M3 34.18 dBV/m	Grid 9 M3 33.58 dBV/m

Total = 34.18 dBV/m

E Category: M3

Location: -0.5, 21.5, 8.7 mm



19_HAC RF LTE B41 HPUE_20M_ANT 0_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 = 9.899 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.67 dBV/m

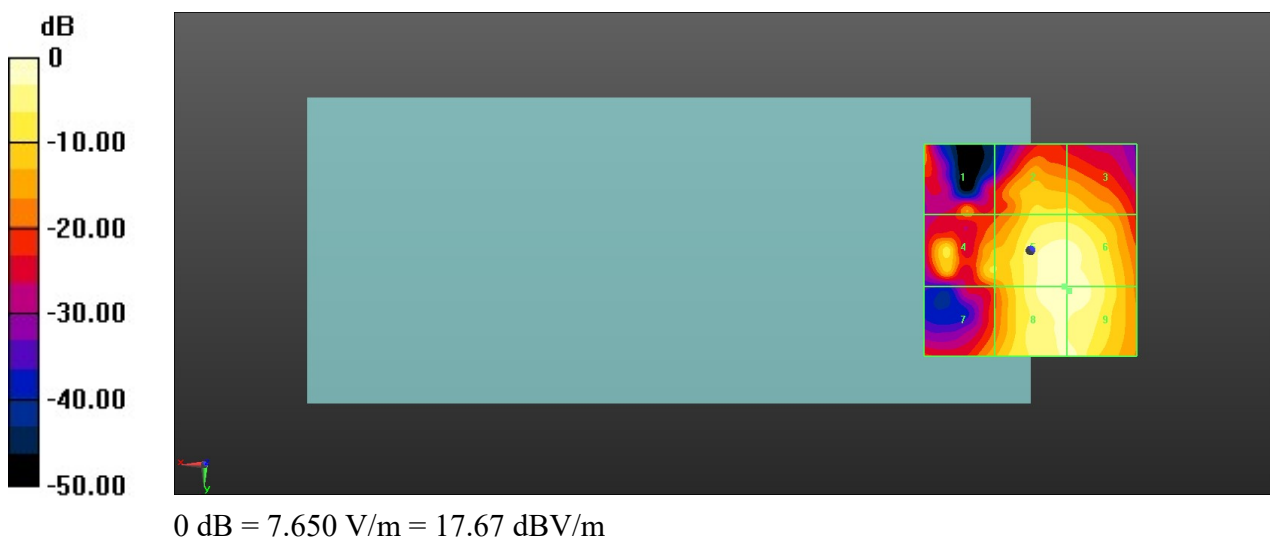
MIF scaled E-field

Grid 1 M4 17.67 dBV/m	Grid 2 M4 13.84 dBV/m	Grid 3 M4 13.01 dBV/m
Grid 4 M4 16.81 dBV/m	Grid 5 M4 14.8 dBV/m	Grid 6 M4 14.06 dBV/m
Grid 7 M4 13.99 dBV/m	Grid 8 M4 13.82 dBV/m	Grid 9 M4 13.72 dBV/m

Total = 17.67 dBV/m

E Category: M4

Location: 22, -23, 8.7 mm



20_HAC RF LTE B41 HPUE_20M_ANT 0_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 = 10.60 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.71 dBV/m

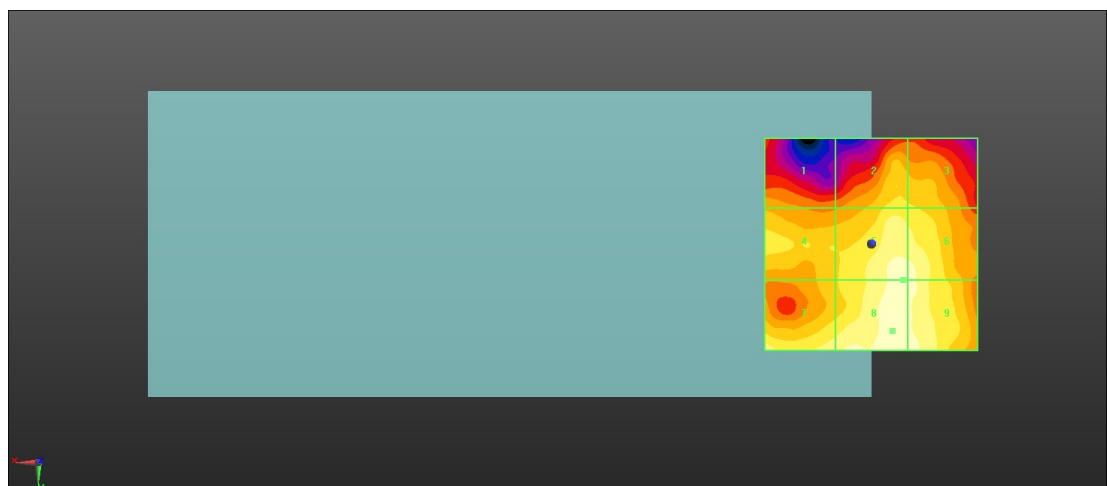
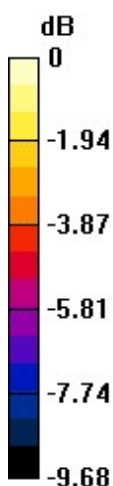
MIF scaled E-field

Grid 1 M4 14.05 dBV/m	Grid 2 M4 15.09 dBV/m	Grid 3 M4 14.95 dBV/m
Grid 4 M4 15.12 dBV/m	Grid 5 M4 16.27 dBV/m	Grid 6 M4 16.25 dBV/m
Grid 7 M4 15.93 dBV/m	Grid 8 M4 16.71 dBV/m	Grid 9 M4 16.44 dBV/m

Total = 16.71 dBV/m

E Category: M4

Location: -5, 20.5, 8.7 mm



0 dB = 6.848 V/m = 16.71 dBV/m

21_HAC RF LTE B41 HPUE_20M_ANT 0_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 = 10.98 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.80 dBV/m

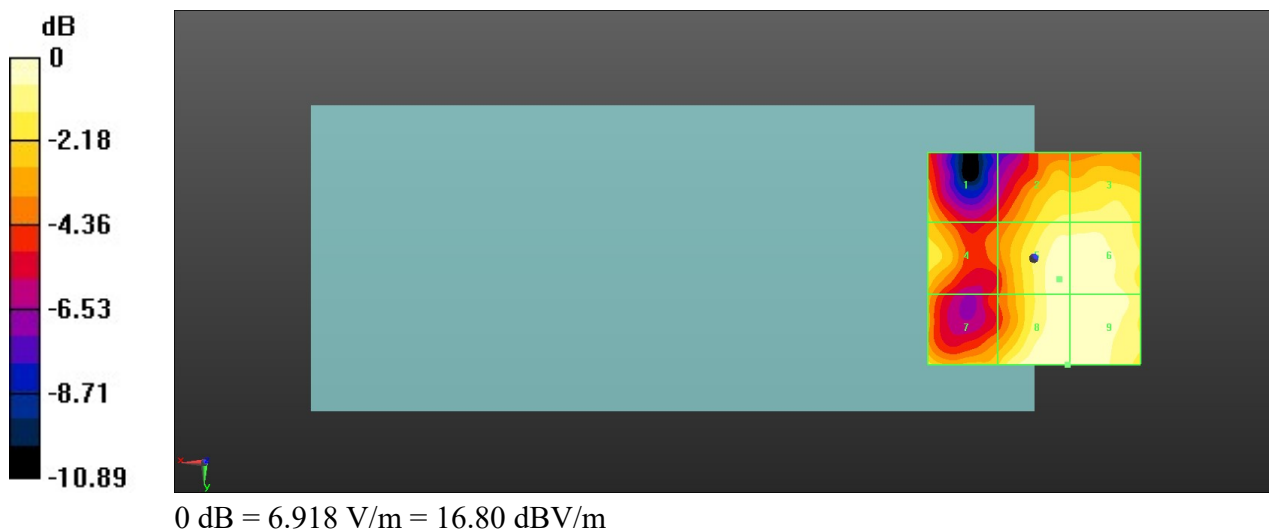
MIF scaled E-field

Grid 1 M4 14.44 dBV/m	Grid 2 M4 15.62 dBV/m	Grid 3 M4 15.7 dBV/m
Grid 4 M4 15.03 dBV/m	Grid 5 M4 16.67 dBV/m	Grid 6 M4 16.69 dBV/m
Grid 7 M4 15.14 dBV/m	Grid 8 M4 16.8 dBV/m	Grid 9 M4 16.8 dBV/m

Total = 16.80 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



22_HAC RF LTE B41 HPUE_20M_ANT 0_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 = 10.89 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.98 dBV/m

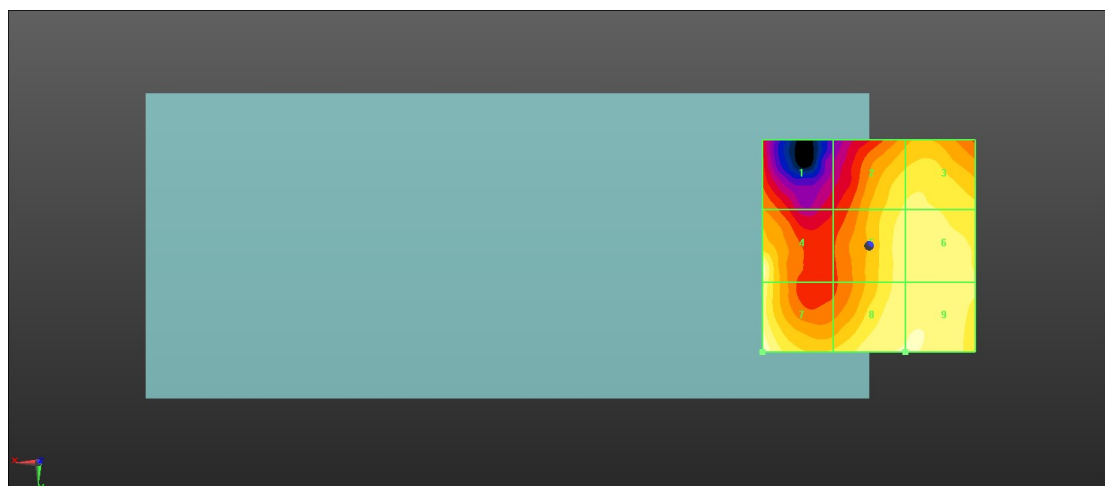
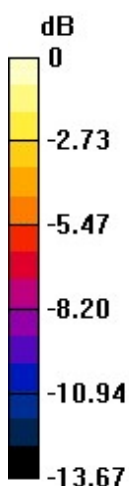
MIF scaled E-field

Grid 1 M4 15.59 dBV/m	Grid 2 M4 18.31 dBV/m	Grid 3 M4 18.49 dBV/m
Grid 4 M4 19.91 dBV/m	Grid 5 M4 18.75 dBV/m	Grid 6 M4 19.01 dBV/m
Grid 7 M4 19.98 dBV/m	Grid 8 M4 19.11 dBV/m	Grid 9 M4 19.11 dBV/m

Total = 19.98 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 9.972 V/m = 19.98 dBV/m

23_HAC RF LTE B41 HPUE_20M_ANT 0_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 = 14.09 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.37 dBV/m

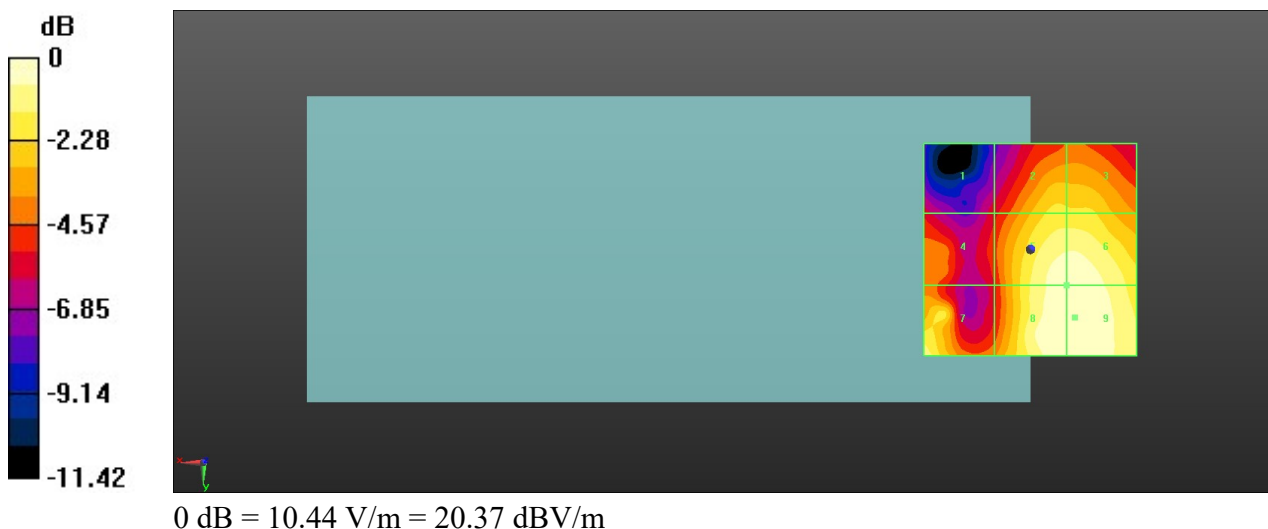
MIF scaled E-field

Grid 1 M4 14.84 dBV/m	Grid 2 M4 18.41 dBV/m	Grid 3 M4 18.34 dBV/m
Grid 4 M4 16.39 dBV/m	Grid 5 M4 20.11 dBV/m	Grid 6 M4 20.15 dBV/m
Grid 7 M4 19.53 dBV/m	Grid 8 M4 20.3 dBV/m	Grid 9 M4 20.37 dBV/m

Total = 20.37 dBV/m

E Category: M4

Location: -10.5, 16, 8.7 mm



24_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 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 = 42.88 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 32.85 dBV/m

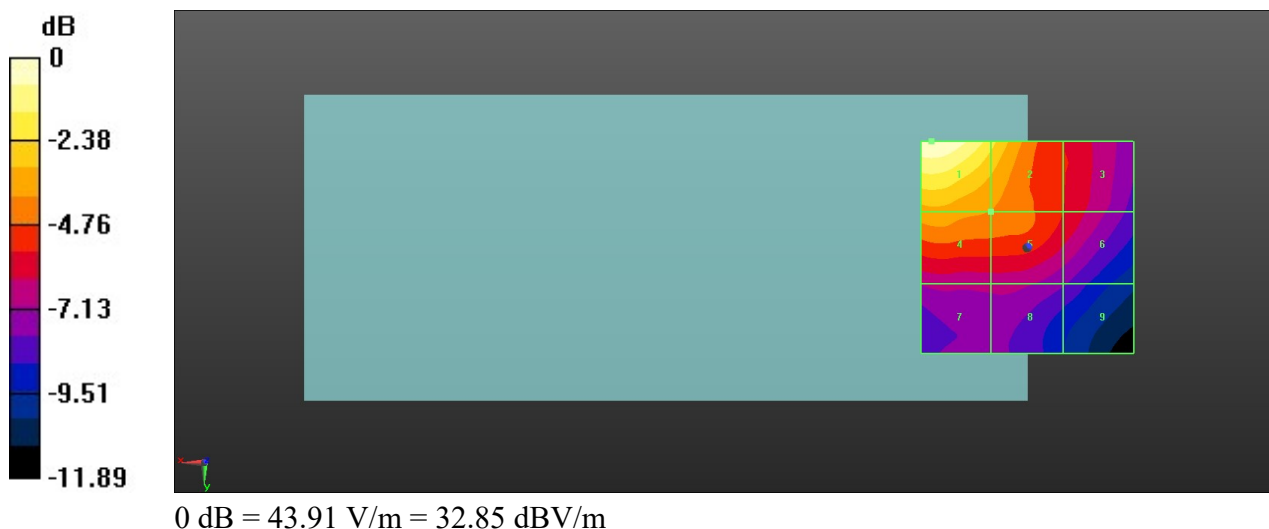
MIF scaled E-field

Grid 1 M3 32.85 dBV/m	Grid 2 M3 30.83 dBV/m	Grid 3 M4 27.4 dBV/m
Grid 4 M4 29.49 dBV/m	Grid 5 M4 28.86 dBV/m	Grid 6 M4 27.3 dBV/m
Grid 7 M4 26.06 dBV/m	Grid 8 M4 26.1 dBV/m	Grid 9 M4 25.07 dBV/m

Total = 32.85 dBV/m

E Category: M3

Location: 22.5, -25, 8.7 mm



25_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 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 = 29.65 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 27.25 dBV/m

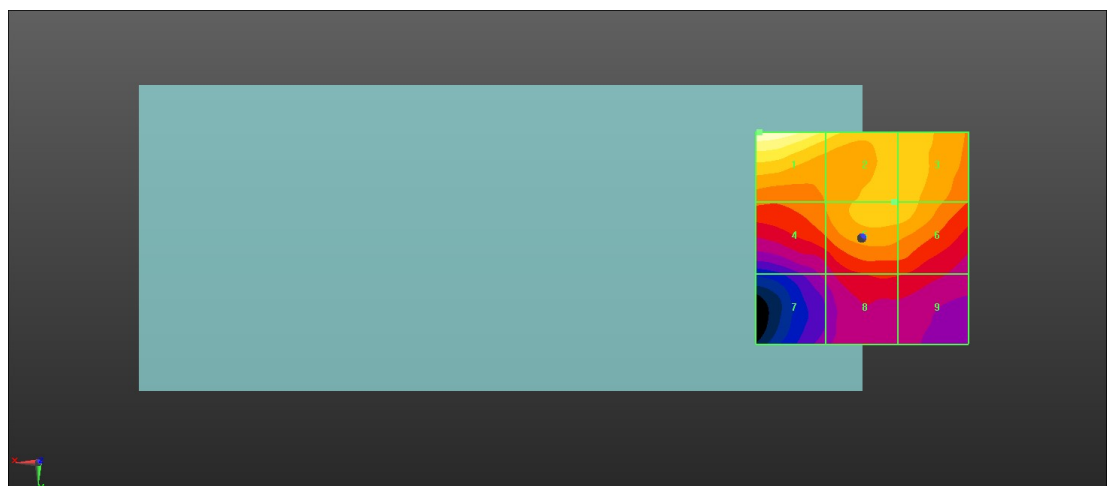
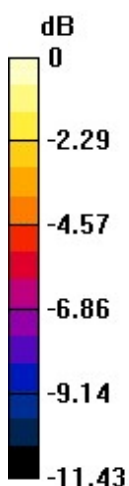
MIF scaled E-field

Grid 1 M4 27.25 dBV/m	Grid 2 M4 25.62 dBV/m	Grid 3 M4 24.75 dBV/m
Grid 4 M4 23.5 dBV/m	Grid 5 M4 24.71 dBV/m	Grid 6 M4 24.69 dBV/m
Grid 7 M4 20.73 dBV/m	Grid 8 M4 22.11 dBV/m	Grid 9 M4 22.02 dBV/m

Total = 27.25 dBV/m

E Category: M4

Location: 24, -25, 8.7 mm



0 dB = 23.05 V/m = 27.25 dBV/m

26_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 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 = 24.07 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 29.18 dBV/m

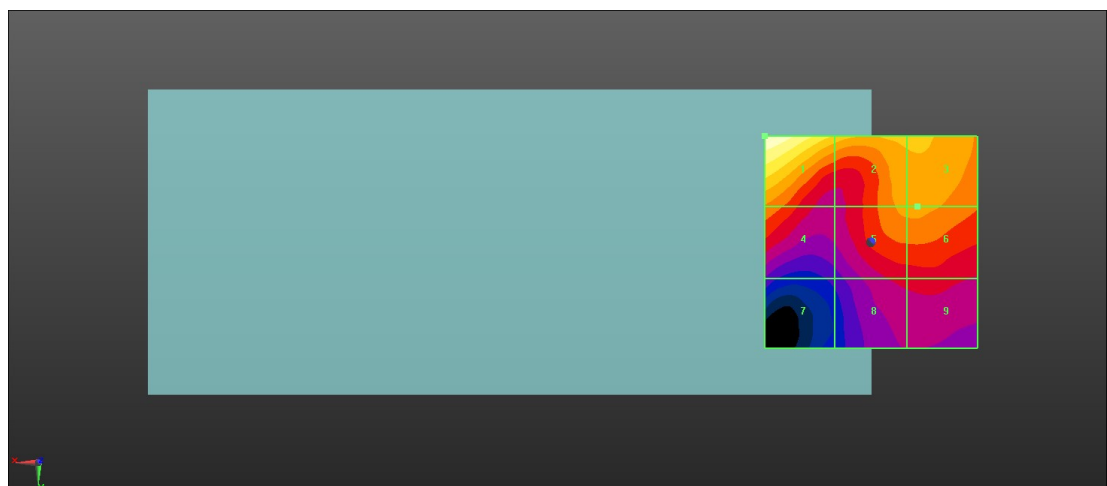
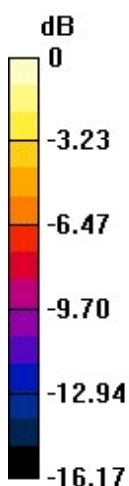
MIF scaled E-field

Grid 1 M4 29.18 dBV/m	Grid 2 M4 25.84 dBV/m	Grid 3 M4 25.22 dBV/m
Grid 4 M4 23.76 dBV/m	Grid 5 M4 24.11 dBV/m	Grid 6 M4 24.17 dBV/m
Grid 7 M4 18.53 dBV/m	Grid 8 M4 21 dBV/m	Grid 9 M4 21.18 dBV/m

Total = 29.18 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 28.77 V/m = 29.18 dBV/m