

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 = 42.76 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.60 dBV/m

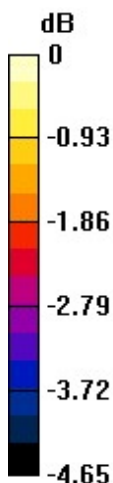
MIF scaled E-field

Grid 1 M4 33.14 dBV/m	Grid 2 M4 33.6 dBV/m	Grid 3 M4 33.29 dBV/m
Grid 4 M4 32.68 dBV/m	Grid 5 M4 33.51 dBV/m	Grid 6 M4 33.26 dBV/m
Grid 7 M4 32.15 dBV/m	Grid 8 M4 33.1 dBV/m	Grid 9 M4 32.9 dBV/m

Total = 33.60 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



0 dB = 47.87 V/m = 33.60 dBV/m

2_HAC RF GSM850_ANT0_Voice_Ch189

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 46.85 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.96 dBV/m

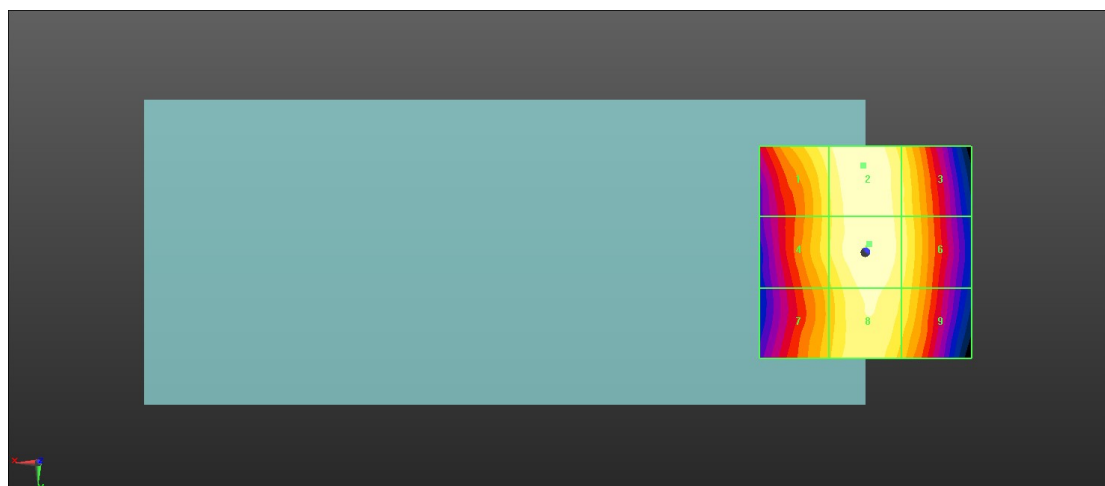
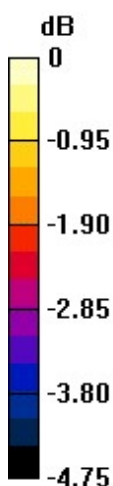
MIF scaled E-field

Grid 1 M4 33.6 dBV/m	Grid 2 M4 33.96 dBV/m	Grid 3 M4 33.45 dBV/m
Grid 4 M4 33.31 dBV/m	Grid 5 M4 33.94 dBV/m	Grid 6 M4 33.52 dBV/m
Grid 7 M4 32.97 dBV/m	Grid 8 M4 33.72 dBV/m	Grid 9 M4 33.35 dBV/m

Total = 33.96 dBV/m

E Category: M4

Location: 0.5, -20.5, 8.7 mm



0 dB = 49.88 V/m = 33.96 dBV/m

3_HAC RF GSM850_ANT0_Voice_Ch251

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2023/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 46.20 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.70 dBV/m

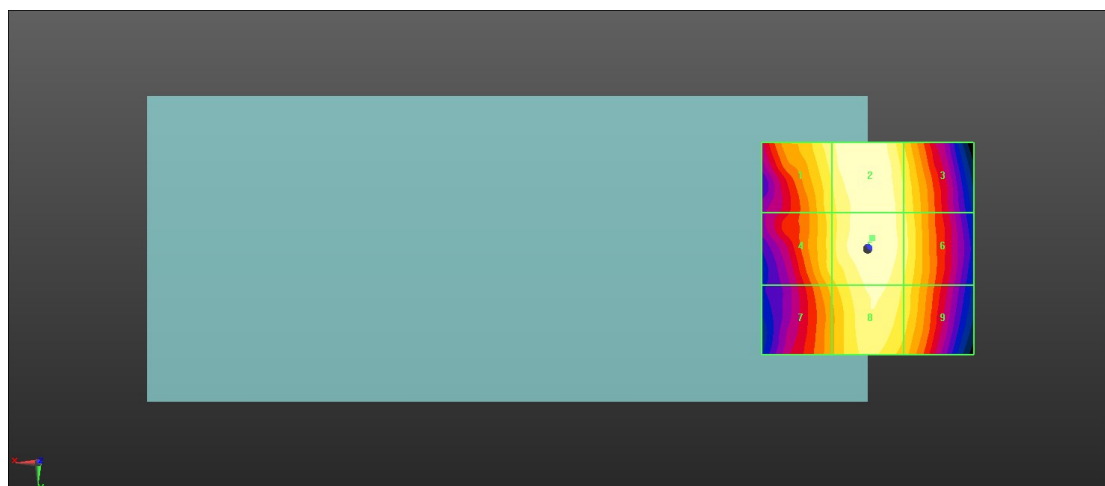
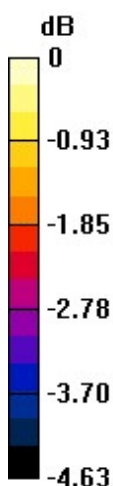
MIF scaled E-field

Grid 1 M4 33.31 dBV/m	Grid 2 M4 33.68 dBV/m	Grid 3 M4 33.15 dBV/m
Grid 4 M4 32.97 dBV/m	Grid 5 M4 33.7 dBV/m	Grid 6 M4 33.23 dBV/m
Grid 7 M4 32.64 dBV/m	Grid 8 M4 33.46 dBV/m	Grid 9 M4 33.04 dBV/m

Total = 33.70 dBV/m

E Category: M4

Location: -1, -2.5, 8.7 mm



0 dB = 48.41 V/m = 33.70 dBV/m

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 = 53.40 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.56 dBV/m

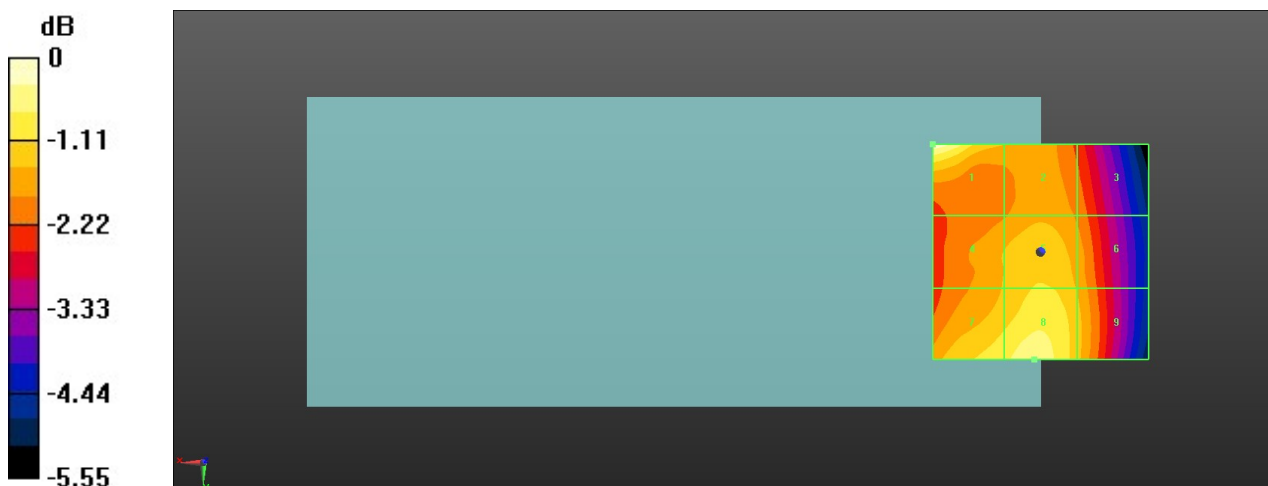
MIF scaled E-field

Grid 1 M4 36.56 dBV/m	Grid 2 M4 35.11 dBV/m	Grid 3 M4 34.65 dBV/m
Grid 4 M4 35.13 dBV/m	Grid 5 M4 35.48 dBV/m	Grid 6 M4 35.06 dBV/m
Grid 7 M4 35.73 dBV/m	Grid 8 M4 35.98 dBV/m	Grid 9 M4 35.25 dBV/m

Total = 36.56 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 67.33 V/m = 36.56 dBV/m

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 = 56.69 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.06 dBV/m

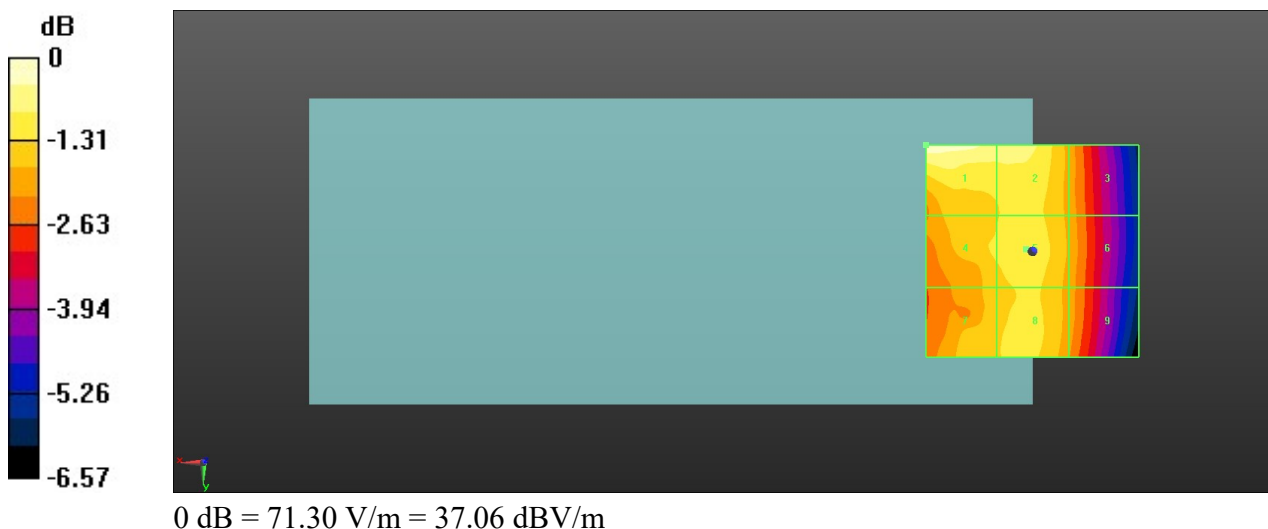
MIF scaled E-field

Grid 1 M4 37.06 dBV/m	Grid 2 M4 36.52 dBV/m	Grid 3 M4 35.19 dBV/m
Grid 4 M4 35.83 dBV/m	Grid 5 M4 36 dBV/m	Grid 6 M4 35.26 dBV/m
Grid 7 M4 35.71 dBV/m	Grid 8 M4 35.89 dBV/m	Grid 9 M4 35.14 dBV/m

Total = 37.06 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



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 = 48.31 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.47 dBV/m

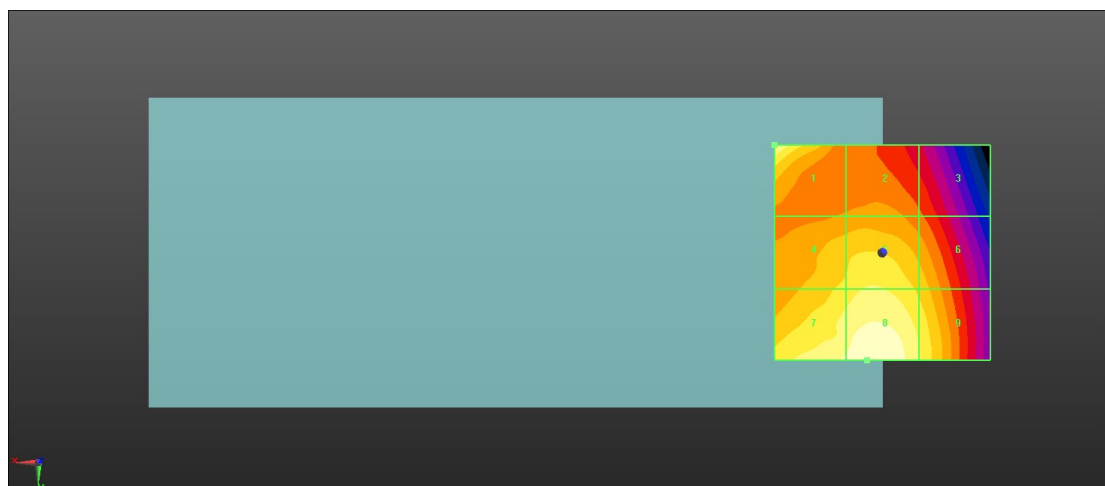
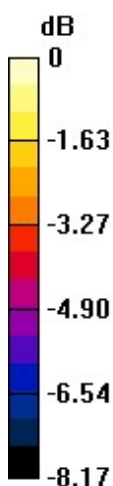
MIF scaled E-field

Grid 1 M4 36.18 dBV/m	Grid 2 M4 34.02 dBV/m	Grid 3 M4 33.37 dBV/m
Grid 4 M4 35.09 dBV/m	Grid 5 M4 35.45 dBV/m	Grid 6 M4 34.72 dBV/m
Grid 7 M4 36.07 dBV/m	Grid 8 M4 36.47 dBV/m	Grid 9 M4 35.46 dBV/m

Total = 36.47 dBV/m

E Category: M4

Location: 3.5, 25, 8.7 mm



0 dB = 66.64 V/m = 36.47 dBV/m

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 = 15.63 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.77 dBV/m

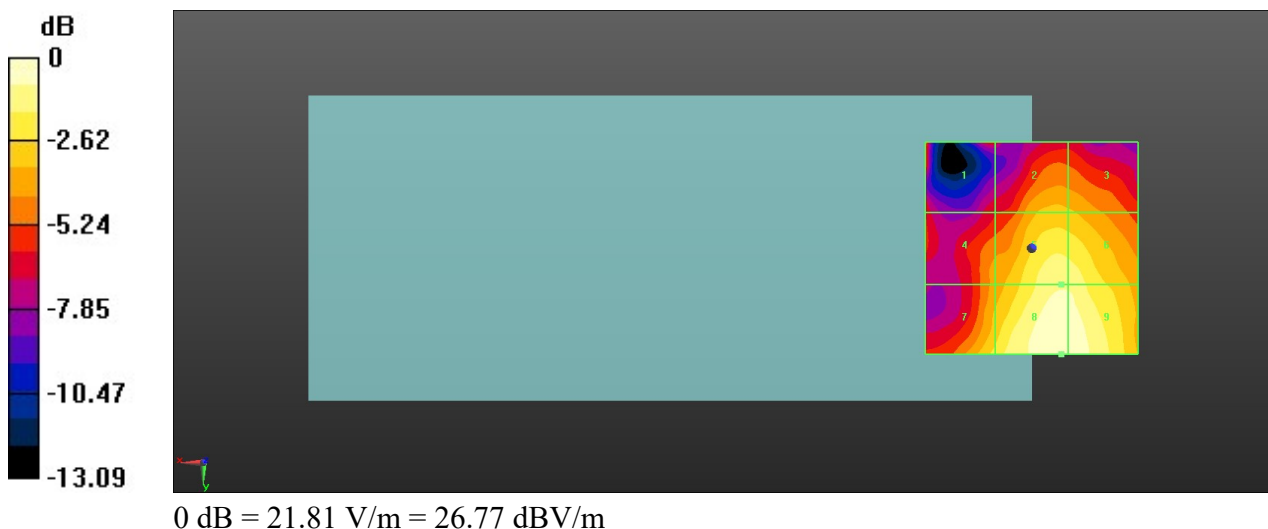
MIF scaled E-field

Grid 1 M4 22.66 dBV/m	Grid 2 M4 23.63 dBV/m	Grid 3 M4 23.46 dBV/m
Grid 4 M4 22.84 dBV/m	Grid 5 M4 25.8 dBV/m	Grid 6 M4 25.75 dBV/m
Grid 7 M4 24.56 dBV/m	Grid 8 M4 26.77 dBV/m	Grid 9 M4 26.73 dBV/m

Total = 26.77 dBV/m

E Category: M4

Location: -7, 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 = 16.82 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.82 dBV/m

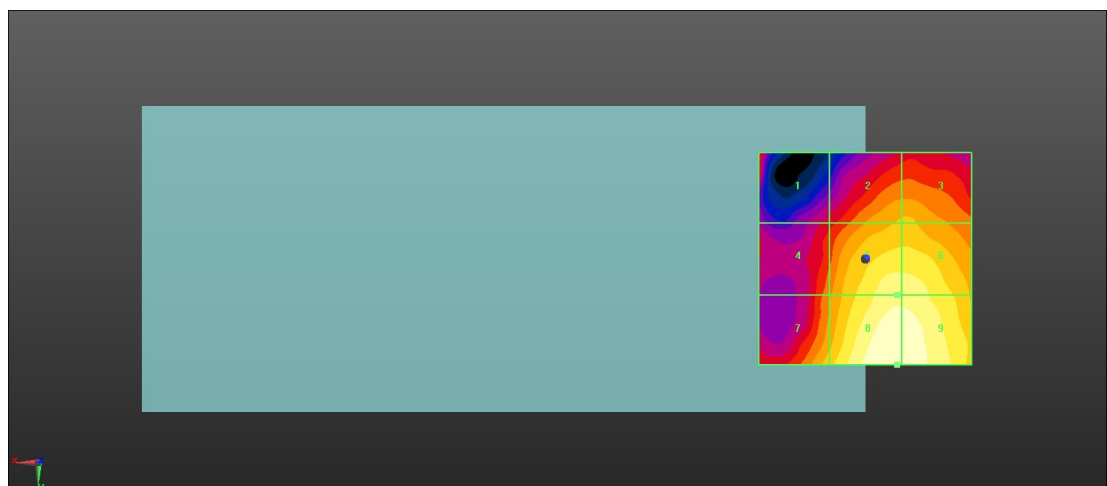
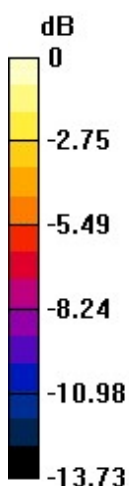
MIF scaled E-field

Grid 1 M4 21.42 dBV/m	Grid 2 M4 23.35 dBV/m	Grid 3 M4 23.39 dBV/m
Grid 4 M4 22.06 dBV/m	Grid 5 M4 25.65 dBV/m	Grid 6 M4 25.64 dBV/m
Grid 7 M4 23.8 dBV/m	Grid 8 M4 26.82 dBV/m	Grid 9 M4 26.8 dBV/m

Total = 26.82 dBV/m

E Category: M4

Location: -7.5, 25, 8.7 mm



0 dB = 21.92 V/m = 26.82 dBV/m

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 = 16.34 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.06 dBV/m

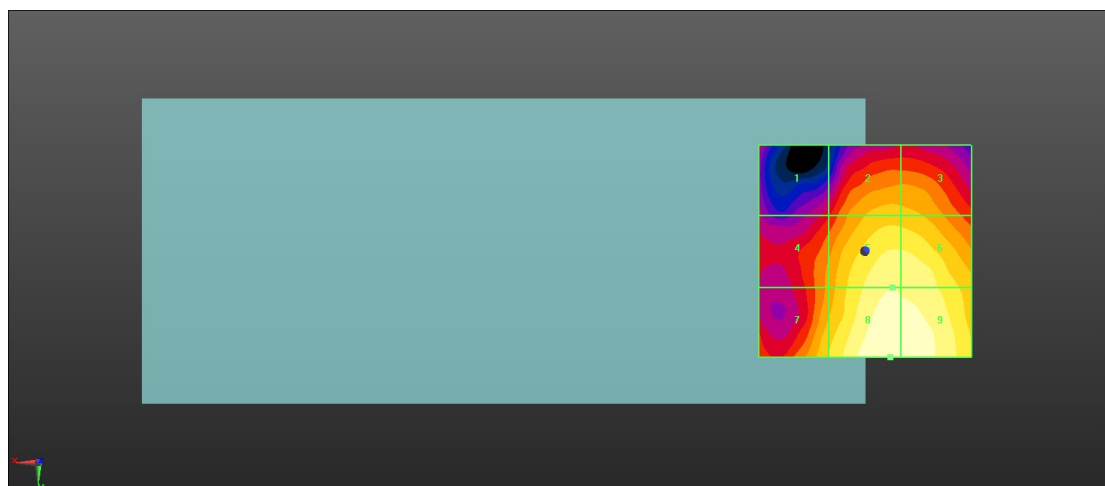
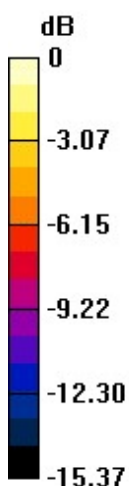
MIF scaled E-field

Grid 1 M4 19.72 dBV/m	Grid 2 M4 23.55 dBV/m	Grid 3 M4 23.43 dBV/m
Grid 4 M4 22.35 dBV/m	Grid 5 M4 25.98 dBV/m	Grid 6 M4 25.9 dBV/m
Grid 7 M4 24.05 dBV/m	Grid 8 M4 27.06 dBV/m	Grid 9 M4 26.97 dBV/m

Total = 27.06 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 22.55 V/m = 27.06 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 = 16.34 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.55 dBV/m

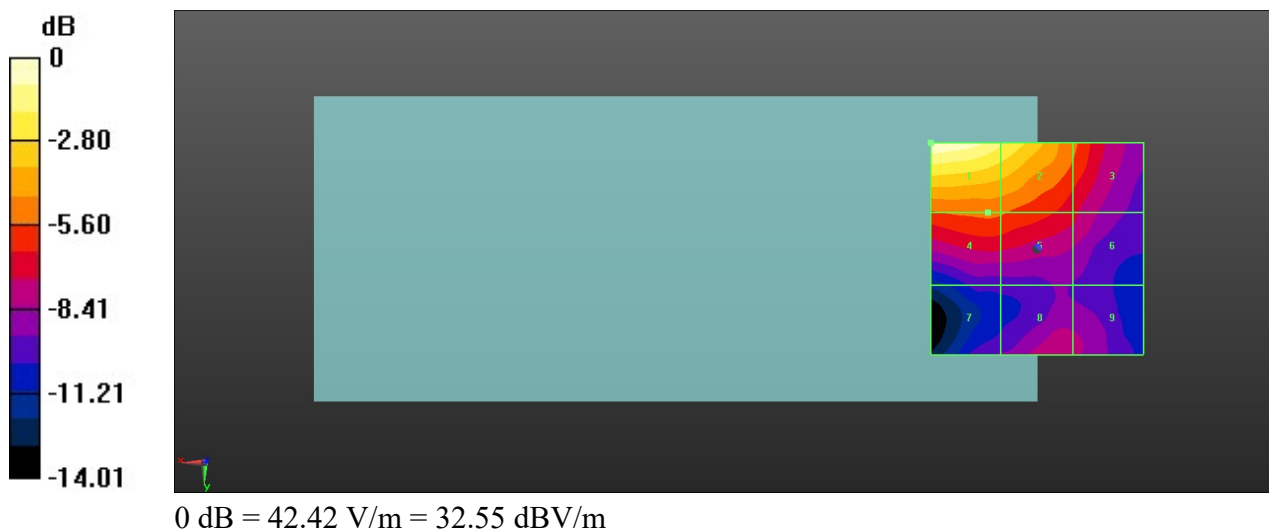
MIF scaled E-field

Grid 1 M3 32.55 dBV/m	Grid 2 M3 30.95 dBV/m	Grid 3 M4 27.25 dBV/m
Grid 4 M4 27.21 dBV/m	Grid 5 M4 27.1 dBV/m	Grid 6 M4 25.34 dBV/m
Grid 7 M4 23.39 dBV/m	Grid 8 M4 24.85 dBV/m	Grid 9 M4 24.47 dBV/m

Total = 32.55 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 = 15.60 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.72 dBV/m

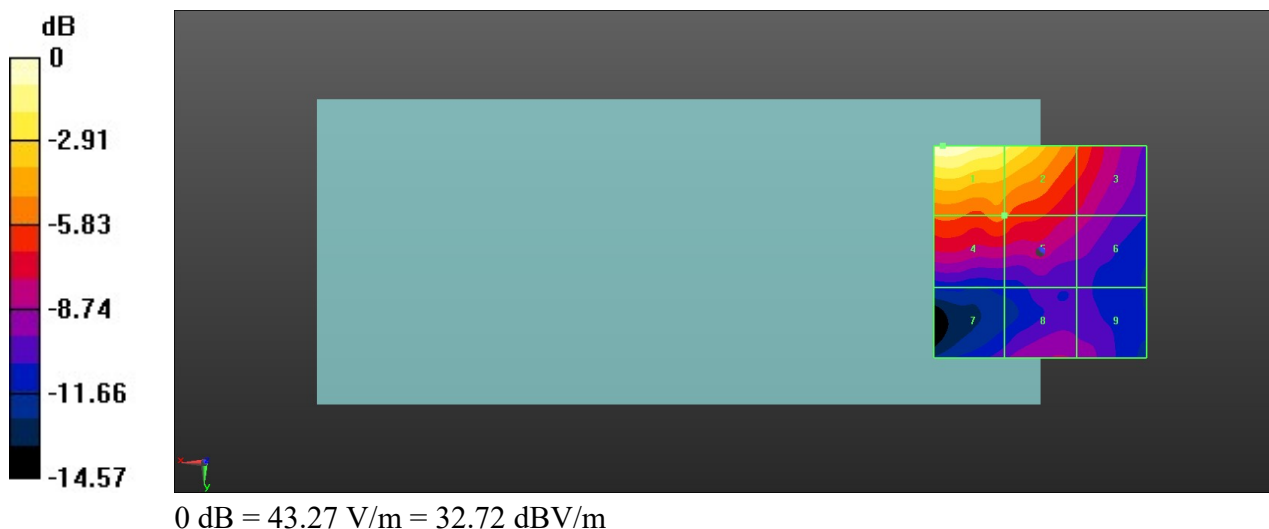
MIF scaled E-field

Grid 1 M3 32.72 dBV/m	Grid 2 M3 31.21 dBV/m	Grid 3 M4 27.09 dBV/m
Grid 4 M4 27.27 dBV/m	Grid 5 M4 27.11 dBV/m	Grid 6 M4 24.79 dBV/m
Grid 7 M4 22.76 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 23.88 dBV/m

Total = 32.72 dBV/m

E Category: M3

Location: 23, -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 = 14.59 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.79 dBV/m

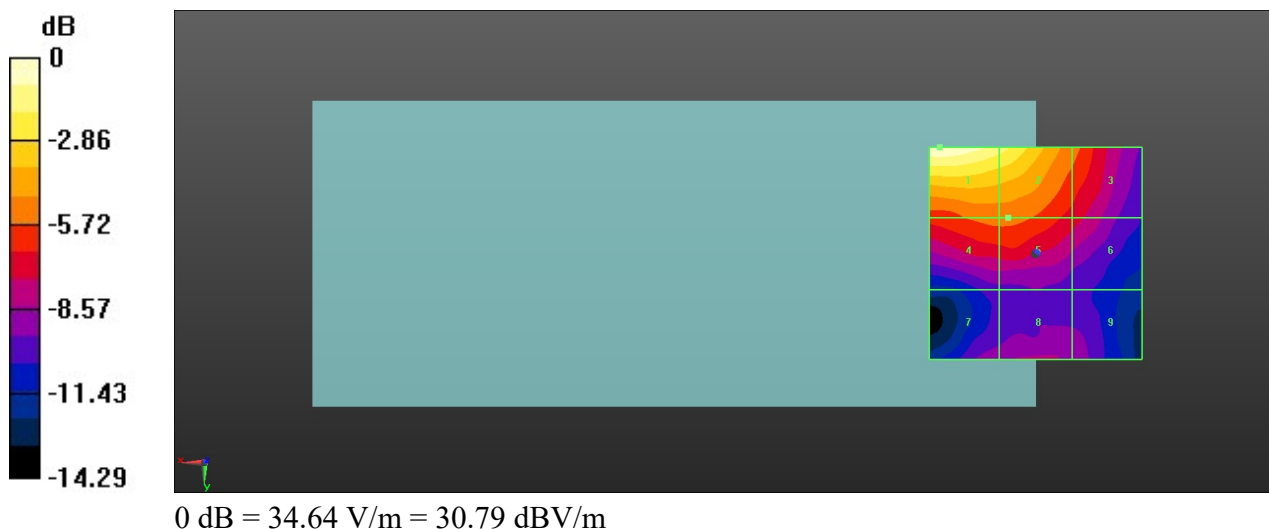
MIF scaled E-field

Grid 1 M3 30.79 dBV/m	Grid 2 M4 29.35 dBV/m	Grid 3 M4 25.58 dBV/m
Grid 4 M4 25.42 dBV/m	Grid 5 M4 25.45 dBV/m	Grid 6 M4 23.73 dBV/m
Grid 7 M4 22.22 dBV/m	Grid 8 M4 22.47 dBV/m	Grid 9 M4 22.11 dBV/m

Total = 30.79 dBV/m

E Category: M3

Location: 22.5, -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 = 8.971 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.40 dBV/m

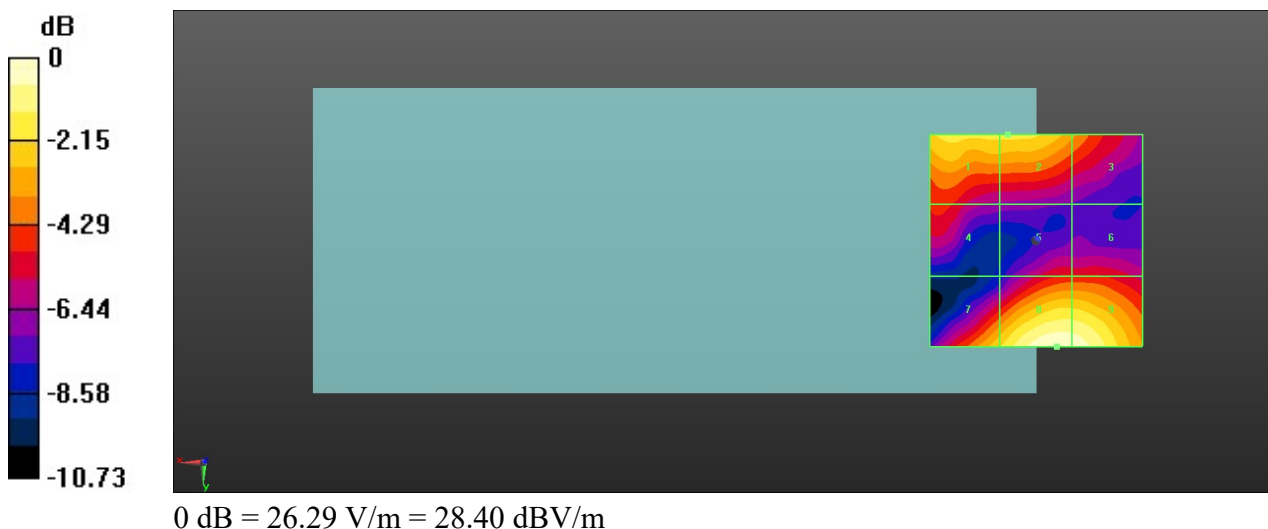
MIF scaled E-field

Grid 1 M4 26.53 dBV/m	Grid 2 M4 26.54 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 23.66 dBV/m	Grid 5 M4 23.59 dBV/m	Grid 6 M4 23.61 dBV/m
Grid 7 M4 26.2 dBV/m	Grid 8 M4 28.4 dBV/m	Grid 9 M4 28.21 dBV/m

Total = 28.40 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



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 = 7.227 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.20 dBV/m

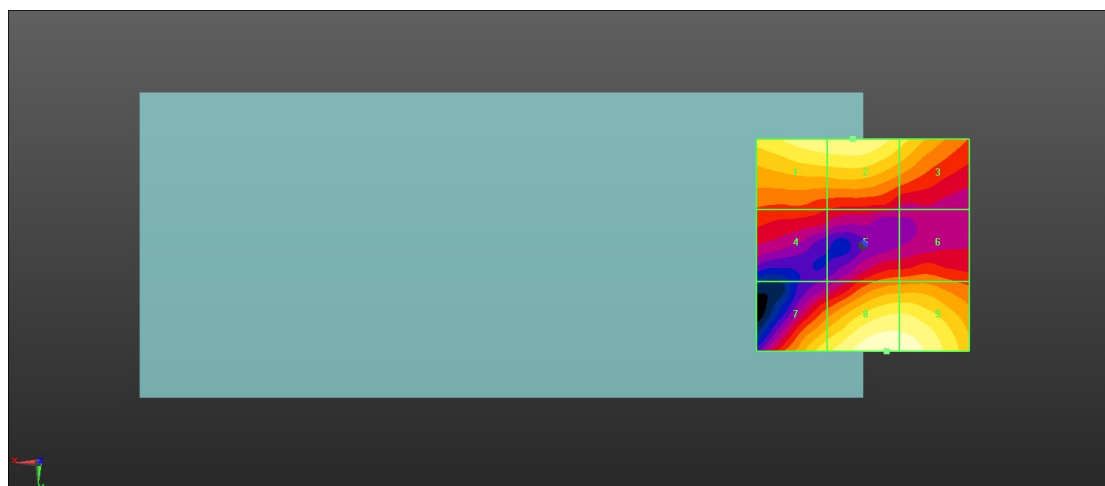
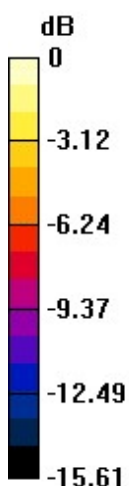
MIF scaled E-field

Grid 1 M4 27.03 dBV/m	Grid 2 M4 27.13 dBV/m	Grid 3 M4 25.67 dBV/m
Grid 4 M4 21.91 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 22.8 dBV/m
Grid 7 M4 26 dBV/m	Grid 8 M4 28.2 dBV/m	Grid 9 M4 28.06 dBV/m

Total = 28.20 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 25.72 V/m = 28.21 dBV/m

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 = 9.391 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.88 dBV/m

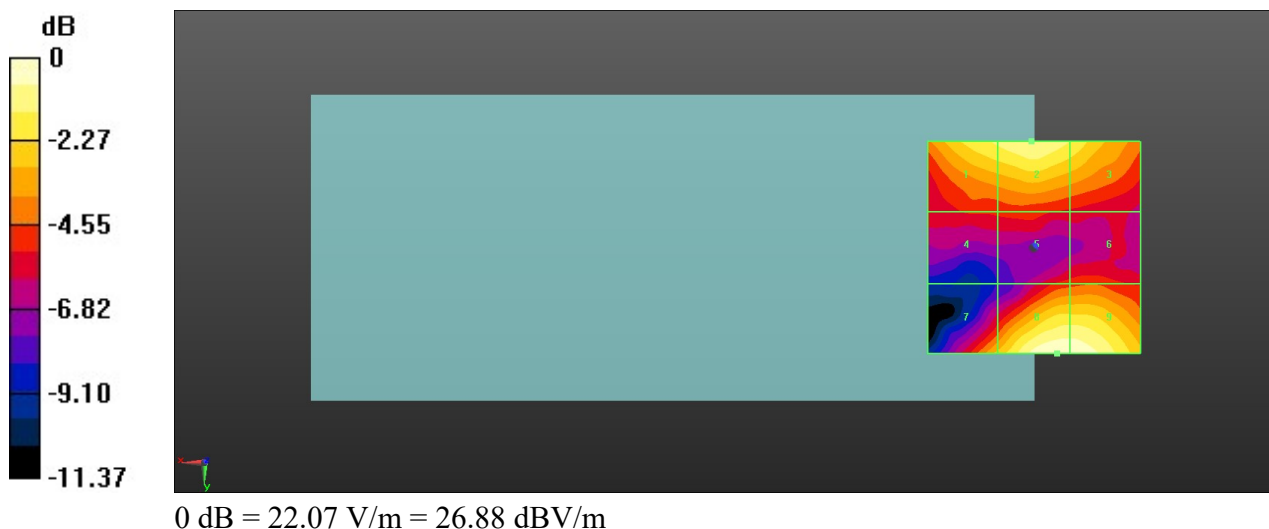
MIF scaled E-field

Grid 1 M4 25.54 dBV/m	Grid 2 M4 26.15 dBV/m	Grid 3 M4 25.36 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 22.04 dBV/m	Grid 6 M4 22.28 dBV/m
Grid 7 M4 24.2 dBV/m	Grid 8 M4 26.88 dBV/m	Grid 9 M4 26.68 dBV/m

Total = 26.88 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



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 = 34.66 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.20 dBV/m

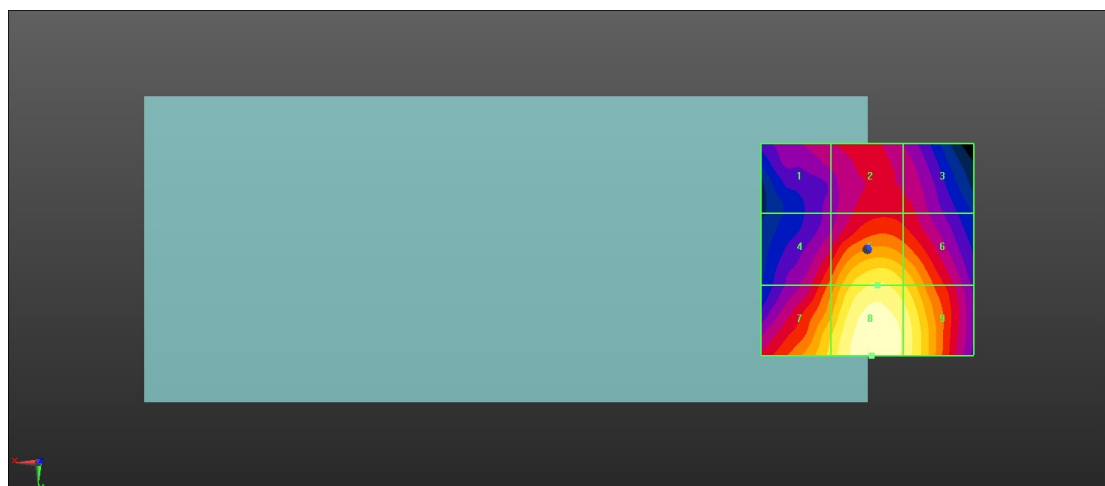
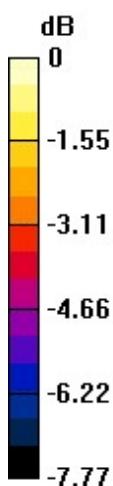
MIF scaled E-field

Grid 1 M4 29.06 dBV/m	Grid 2 M4 29.49 dBV/m	Grid 3 M4 29.38 dBV/m
Grid 4 M3 30.35 dBV/m	Grid 5 M3 32.28 dBV/m	Grid 6 M3 31.75 dBV/m
Grid 7 M3 31.86 dBV/m	Grid 8 M3 33.2 dBV/m	Grid 9 M3 32.61 dBV/m

Total = 33.20 dBV/m

E Category: M3

Location: -1, 25, 8.7 mm



0 dB = 45.73 V/m = 33.20 dBV/m

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 = 36.59 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.90 dBV/m

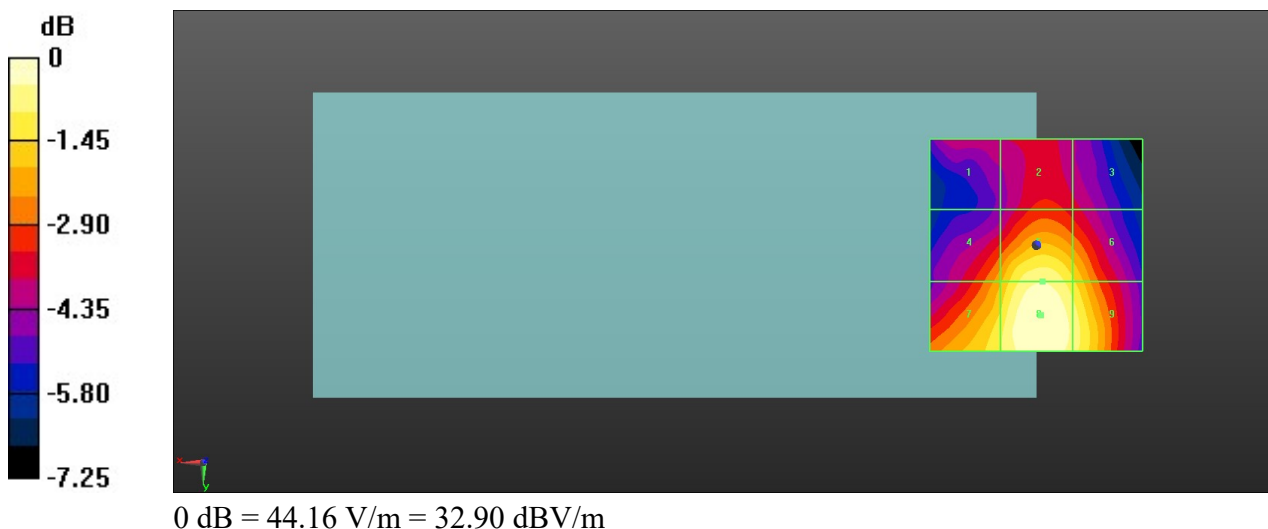
MIF scaled E-field

Grid 1 M4 29.09 dBV/m	Grid 2 M4 29.74 dBV/m	Grid 3 M4 29.3 dBV/m
Grid 4 M3 30.87 dBV/m	Grid 5 M3 32.39 dBV/m	Grid 6 M3 31.57 dBV/m
Grid 7 M3 31.88 dBV/m	Grid 8 M3 32.9 dBV/m	Grid 9 M3 32.29 dBV/m

Total = 32.90 dBV/m

E Category: M3

Location: -1, 16.5, 8.7 mm



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 = 35.72 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.63 dBV/m

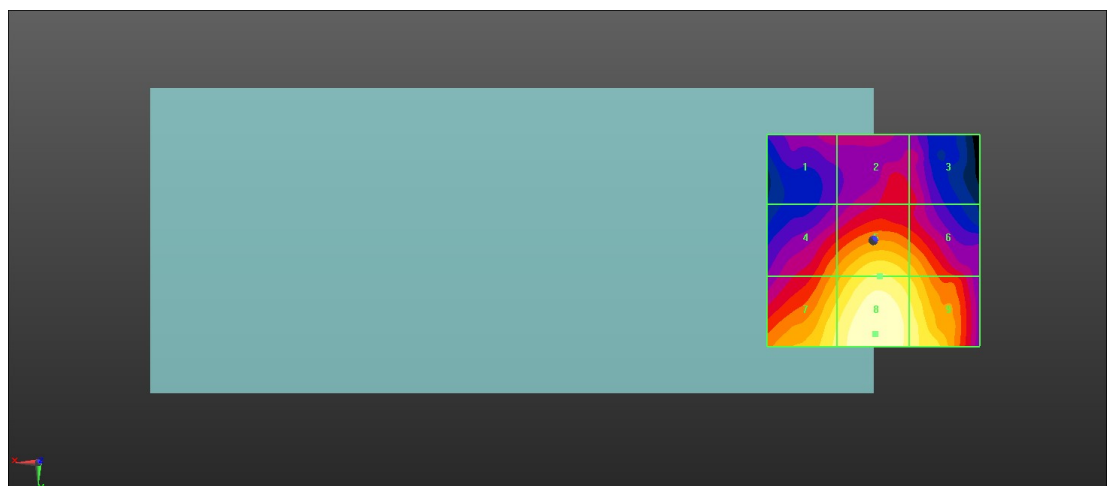
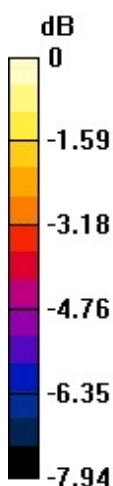
MIF scaled E-field

Grid 1 M4 29.34 dBV/m	Grid 2 M4 29.91 dBV/m	Grid 3 M4 29.67 dBV/m
Grid 4 M3 31.31 dBV/m	Grid 5 M3 32.68 dBV/m	Grid 6 M3 32.01 dBV/m
Grid 7 M3 32.74 dBV/m	Grid 8 M3 33.63 dBV/m	Grid 9 M3 32.92 dBV/m

Total = 33.63 dBV/m

E Category: M3

Location: -0.5, 22, 8.7 mm



0 dB = 48.02 V/m = 33.63 dBV/m

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 = 14.89 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.75 dBV/m

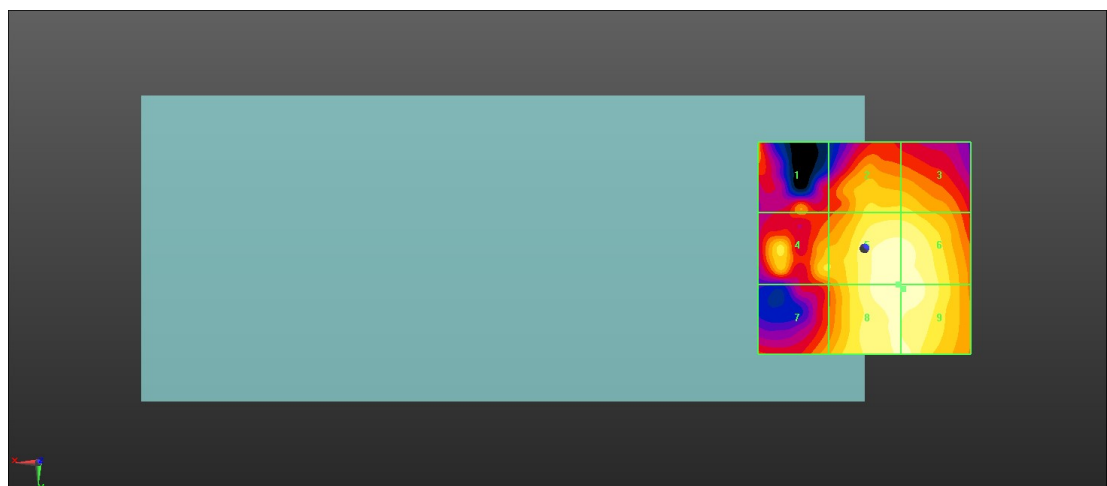
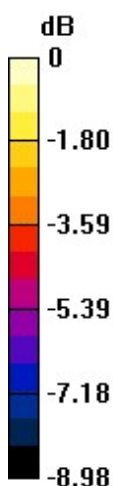
MIF scaled E-field

Grid 1 M4 16.81 dBV/m	Grid 2 M4 18.21 dBV/m	Grid 3 M4 18.2 dBV/m
Grid 4 M4 18.24 dBV/m	Grid 5 M4 19.71 dBV/m	Grid 6 M4 19.71 dBV/m
Grid 7 M4 17.26 dBV/m	Grid 8 M4 19.74 dBV/m	Grid 9 M4 19.75 dBV/m

Total = 19.75 dBV/m

E Category: M4

Location: -9, 9.5, 8.7 mm



0 dB = 9.716 V/m = 19.75 dBV/m

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 = 14.65 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.76 dBV/m

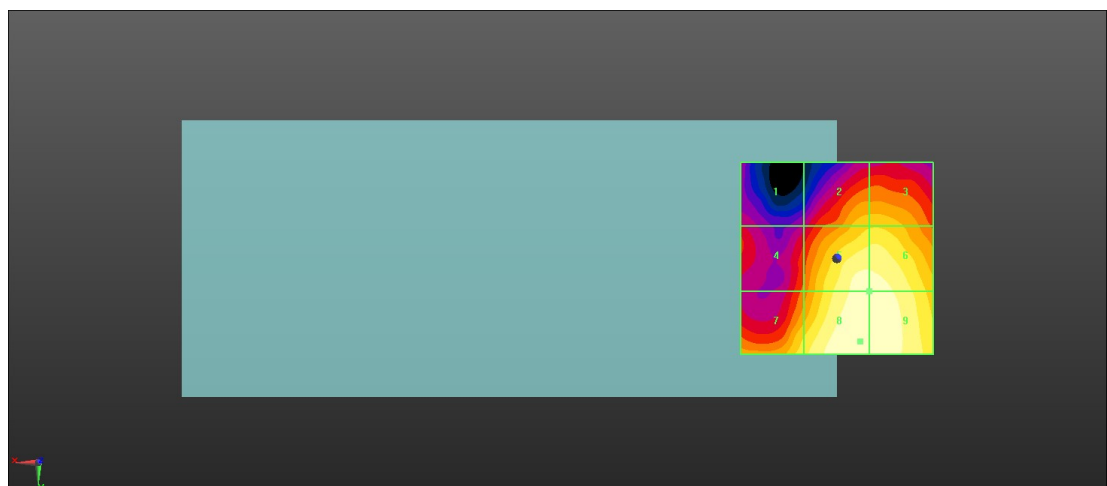
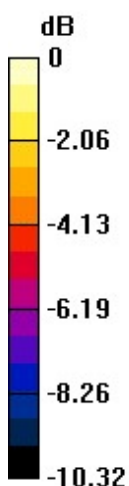
MIF scaled E-field

Grid 1 M4 15.27 dBV/m	Grid 2 M4 18.58 dBV/m	Grid 3 M4 18.61 dBV/m
Grid 4 M4 16.97 dBV/m	Grid 5 M4 20.4 dBV/m	Grid 6 M4 20.4 dBV/m
Grid 7 M4 19.19 dBV/m	Grid 8 M4 20.76 dBV/m	Grid 9 M4 20.69 dBV/m

Total = 20.76 dBV/m

E Category: M4

Location: -6, 21.5, 8.7 mm



0 dB = 10.91 V/m = 20.76 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 = 12.90 V/m; Power Drift = -0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.61 dBV/m

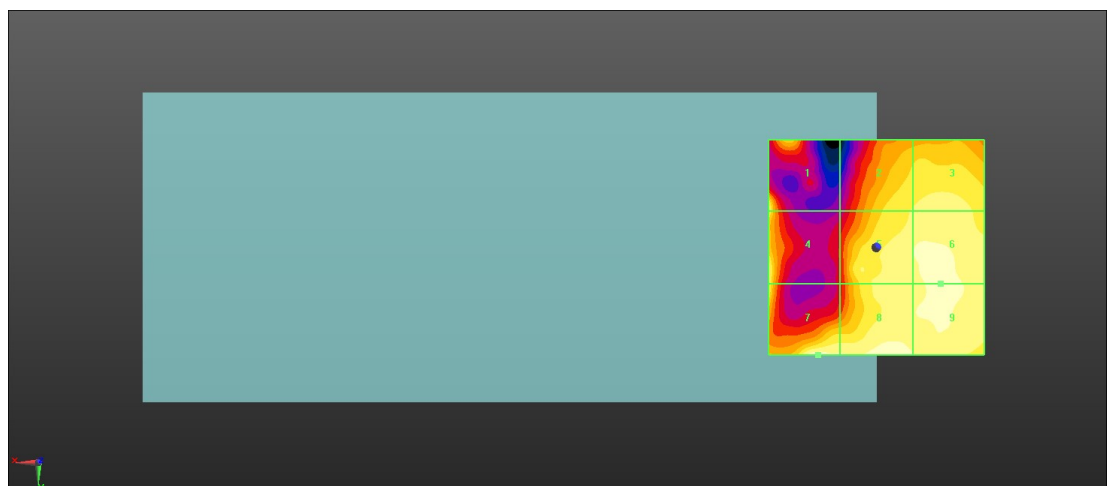
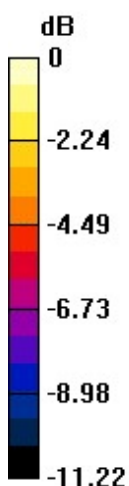
MIF scaled E-field

Grid 1 M4 18.79 dBV/m	Grid 2 M4 18.16 dBV/m	Grid 3 M4 18.51 dBV/m
Grid 4 M4 18.92 dBV/m	Grid 5 M4 18.85 dBV/m	Grid 6 M4 19.12 dBV/m
Grid 7 M4 19.61 dBV/m	Grid 8 M4 19.22 dBV/m	Grid 9 M4 19.14 dBV/m

Total = 19.61 dBV/m

E Category: M4

Location: 13.5, 25, 8.7 mm



0 dB = 9.559 V/m = 19.61 dBV/m

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 = 11.49 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.73 dBV/m

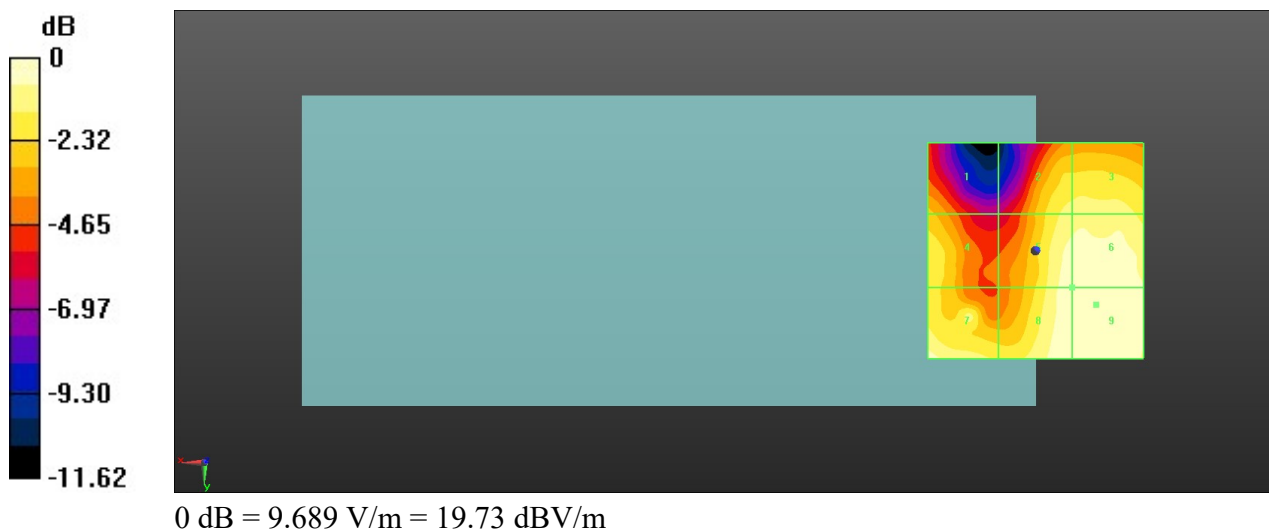
MIF scaled E-field

Grid 1 M4 16.94 dBV/m	Grid 2 M4 18.49 dBV/m	Grid 3 M4 18.61 dBV/m
Grid 4 M4 17.82 dBV/m	Grid 5 M4 19.42 dBV/m	Grid 6 M4 19.68 dBV/m
Grid 7 M4 19.42 dBV/m	Grid 8 M4 19.59 dBV/m	Grid 9 M4 19.73 dBV/m

Total = 19.73 dBV/m

E Category: M4

Location: -14, 12.5, 8.7 mm



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 = 15.18 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.80 dBV/m

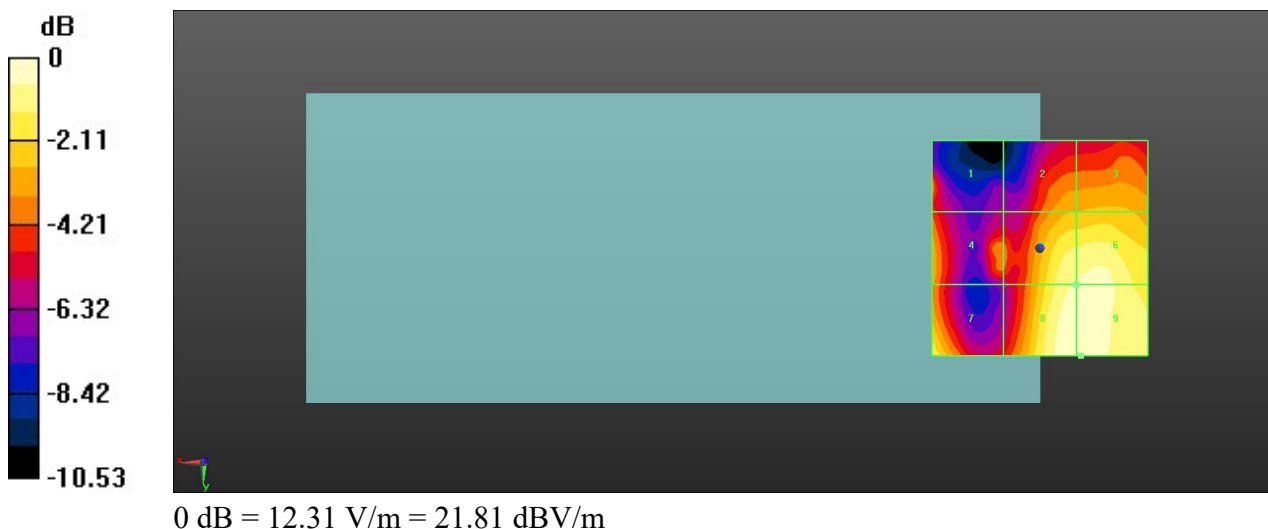
MIF scaled E-field

Grid 1 M4 18.47 dBV/m	Grid 2 M4 19 dBV/m	Grid 3 M4 19.2 dBV/m
Grid 4 M4 18.99 dBV/m	Grid 5 M4 21.17 dBV/m	Grid 6 M4 21.49 dBV/m
Grid 7 M4 20.5 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 21.8 dBV/m

Total = 21.80 dBV/m

E Category: M4

Location: -9.5, 25, 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 = 32.28 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 32.08 dBV/m

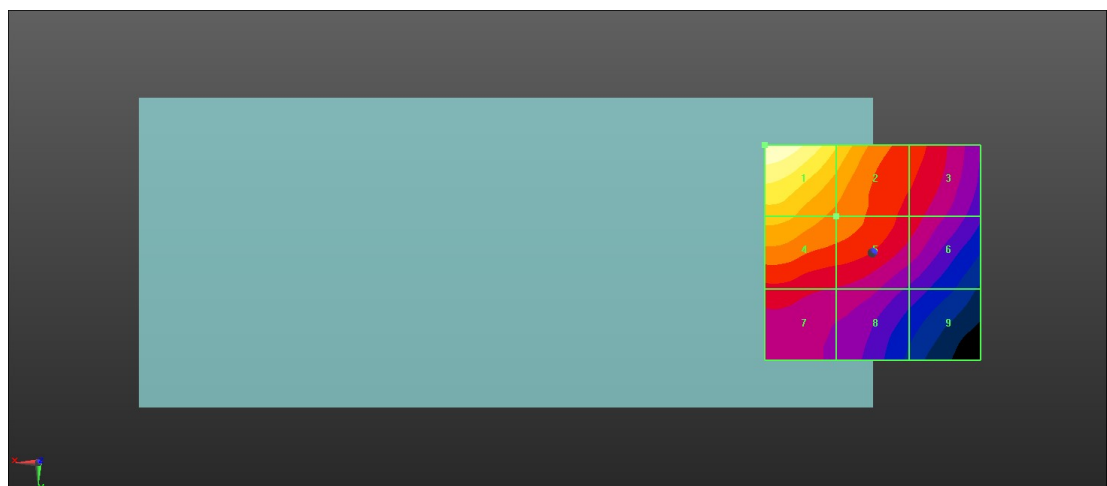
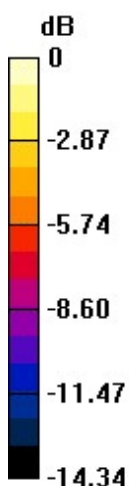
MIF scaled E-field

Grid 1 M3 32.08 dBV/m	Grid 2 M4 29.38 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 28.7 dBV/m	Grid 5 M4 27.07 dBV/m	Grid 6 M4 25.04 dBV/m
Grid 7 M4 25.15 dBV/m	Grid 8 M4 24.36 dBV/m	Grid 9 M4 22.36 dBV/m

Total = 32.08 dBV/m

E Category: M3

Location: 25, -25, 8.7 mm



0 dB = 40.16 V/m = 32.08 dBV/m

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 = 35.41 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 29.43 dBV/m

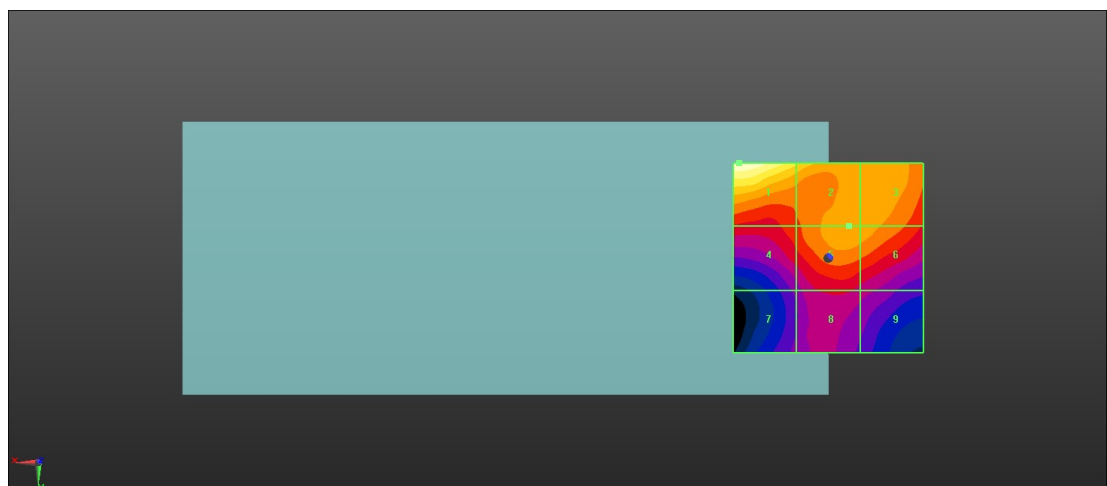
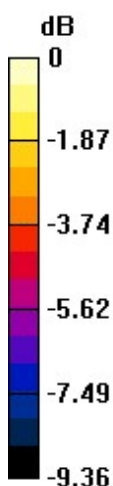
MIF scaled E-field

Grid 1 M4 29.43 dBV/m	Grid 2 M4 27.75 dBV/m	Grid 3 M4 26.92 dBV/m
Grid 4 M4 25.56 dBV/m	Grid 5 M4 26.83 dBV/m	Grid 6 M4 26.71 dBV/m
Grid 7 M4 23.47 dBV/m	Grid 8 M4 24.63 dBV/m	Grid 9 M4 24.2 dBV/m

Total = 29.43 dBV/m

E Category: M4

Location: 23.5, -25, 8.7 mm



0 dB = 29.60 V/m = 29.43 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 = 26.85 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 29.70 dBV/m

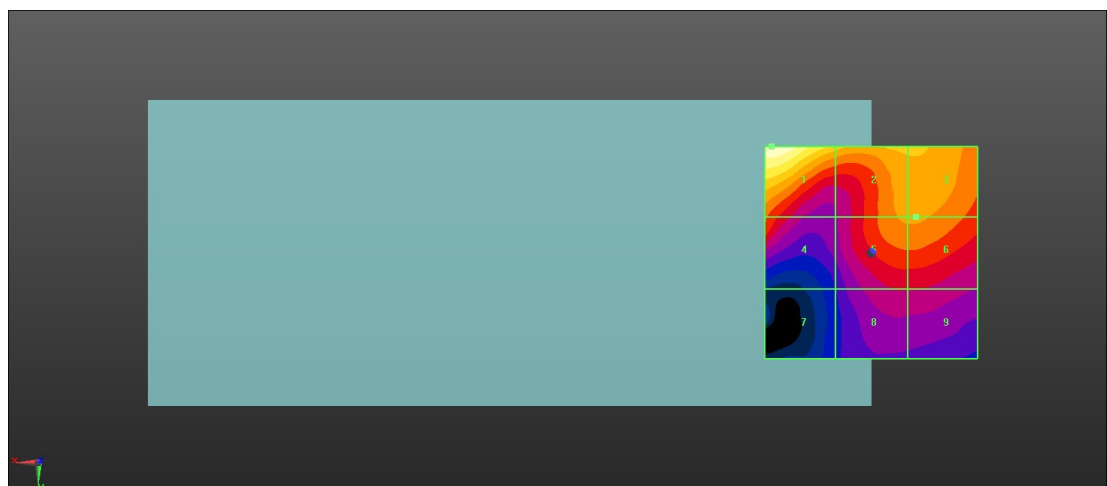
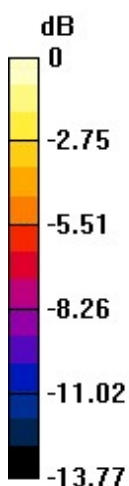
MIF scaled E-field

Grid 1 M4 29.7 dBV/m	Grid 2 M4 26.62 dBV/m	Grid 3 M4 26.29 dBV/m
Grid 4 M4 24.4 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 25.29 dBV/m
Grid 7 M4 19.64 dBV/m	Grid 8 M4 22.46 dBV/m	Grid 9 M4 22.46 dBV/m

Total = 29.70 dBV/m

E Category: M4

Location: 23.5, -25, 8.7 mm



0 dB = 30.56 V/m = 29.70 dBV/m