

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: 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 = 74.97 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.69 dBV/m

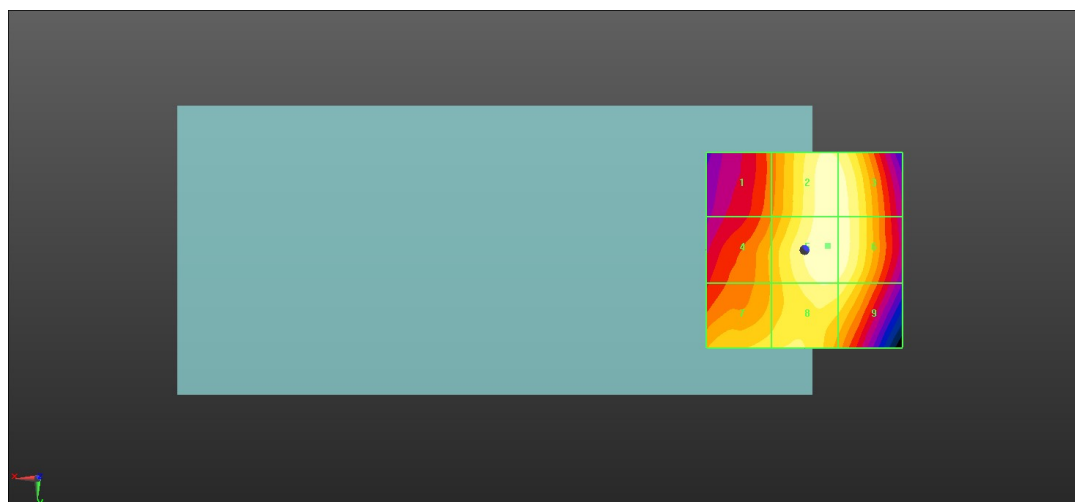
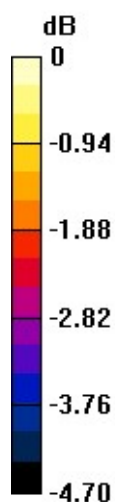
MIF scaled E-field

Grid 1 M4 35.1 dBV/m	Grid 2 M4 36.6 dBV/m	Grid 3 M4 36.58 dBV/m
Grid 4 M4 35.52 dBV/m	Grid 5 M4 36.69 dBV/m	Grid 6 M4 36.64 dBV/m
Grid 7 M4 35.94 dBV/m	Grid 8 M4 36.4 dBV/m	Grid 9 M4 36.31 dBV/m

Total = 36.69 dBV/m

E Category: M4

Location: -6, -1, 8.7 mm



0 dB = 68.28 V/m = 36.69 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: 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 = 81.20 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.98 dBV/m

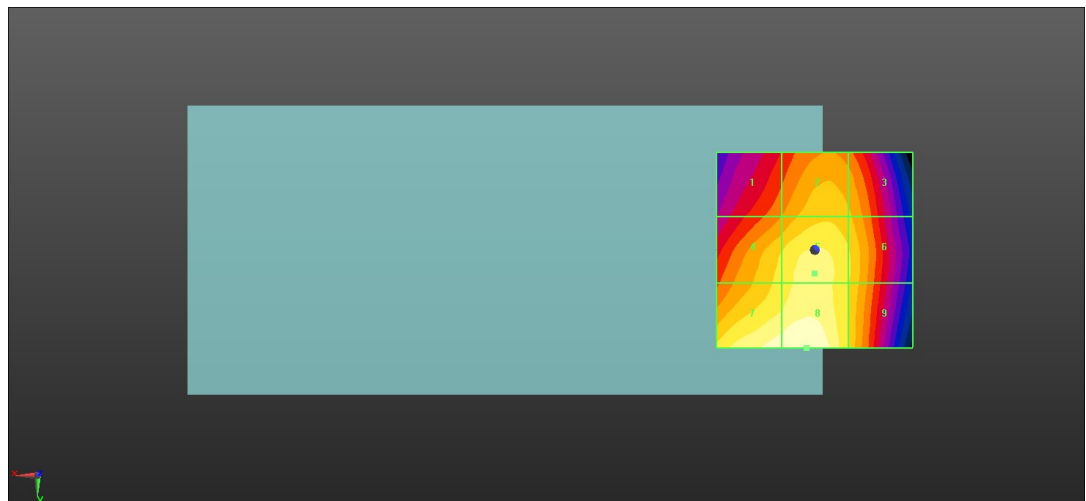
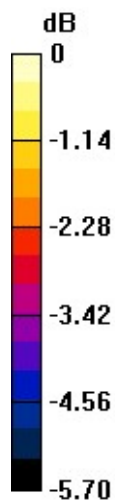
MIF scaled E-field

Grid 1 M4 36.09 dBV/m	Grid 2 M4 36.79 dBV/m	Grid 3 M4 36.56 dBV/m
Grid 4 M4 37.01 dBV/m	Grid 5 M4 37.38 dBV/m	Grid 6 M4 36.93 dBV/m
Grid 7 M4 37.83 dBV/m	Grid 8 M4 37.98 dBV/m	Grid 9 M4 36.88 dBV/m

Total = 37.98 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 79.24 V/m = 37.98 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: 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 = 78.55 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.62 dBV/m

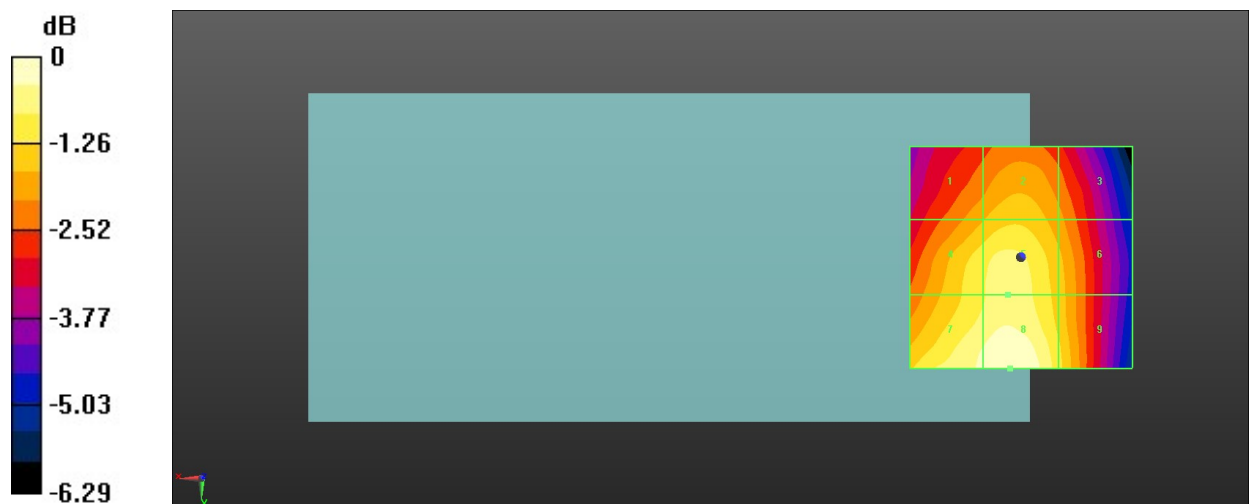
MIF scaled E-field

Grid 1 M4 35.92 dBV/m	Grid 2 M4 36.29 dBV/m	Grid 3 M4 35.68 dBV/m
Grid 4 M4 36.75 dBV/m	Grid 5 M4 37.02 dBV/m	Grid 6 M4 36.17 dBV/m
Grid 7 M4 37.32 dBV/m	Grid 8 M4 37.62 dBV/m	Grid 9 M4 36.53 dBV/m

Total = 37.62 dBV/m

E Category: M4

Location: 2.5, 25, 8.7 mm



0 dB = 76.03 V/m = 37.62 dBV/m

4_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: 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 = 66.39 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.50 dBV/m

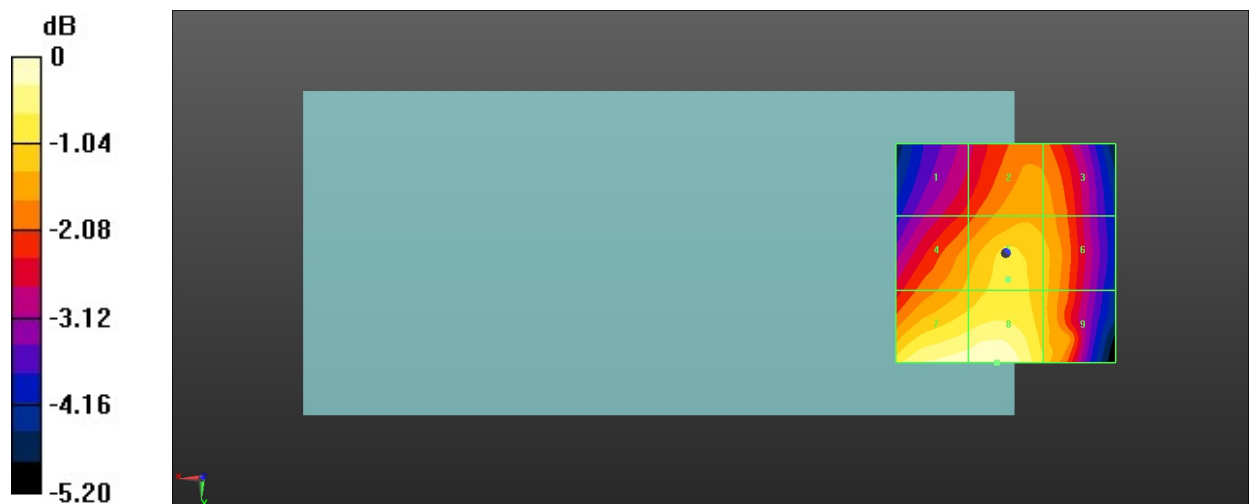
MIF scaled E-field

Grid 1 M4 35.28 dBV/m	Grid 2 M4 36.06 dBV/m	Grid 3 M4 35.99 dBV/m
Grid 4 M4 36.22 dBV/m	Grid 5 M4 36.66 dBV/m	Grid 6 M4 36.27 dBV/m
Grid 7 M4 37.41 dBV/m	Grid 8 M4 37.5 dBV/m	Grid 9 M4 36.46 dBV/m

Total = 37.50 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 75.01 V/m = 37.50 dBV/m

5_HAC RF GSM850_ANT3_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 = 192.4 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.56 dBV/m

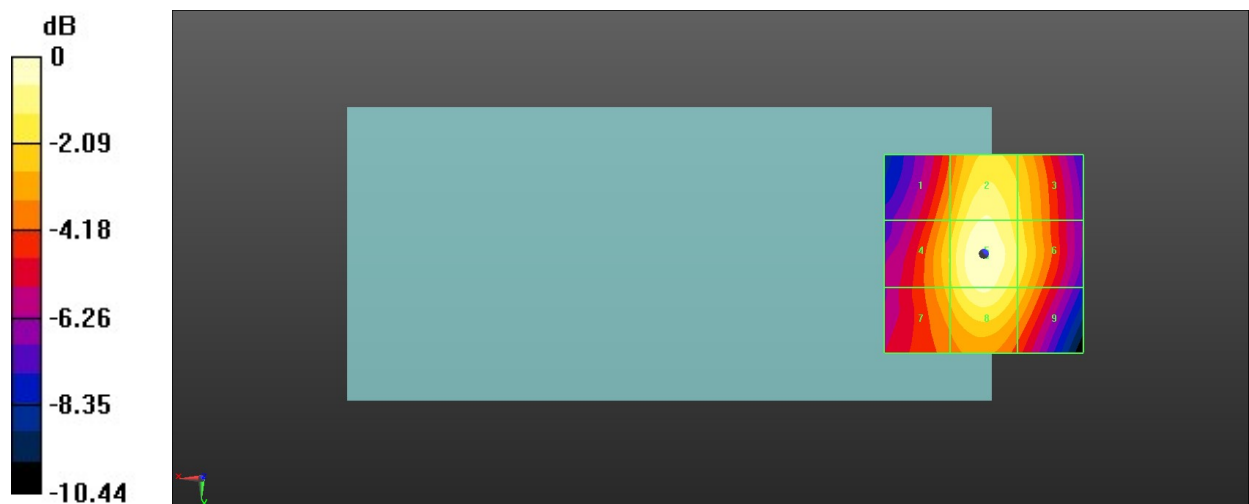
MIF scaled E-field

Grid 1 M4 38.86 dBV/m	Grid 2 M3 40.96 dBV/m	Grid 3 M4 39.78 dBV/m
Grid 4 M4 39.58 dBV/m	Grid 5 M3 41.56 dBV/m	Grid 6 M3 40.15 dBV/m
Grid 7 M4 39.25 dBV/m	Grid 8 M3 41.04 dBV/m	Grid 9 M4 39.52 dBV/m

Total = 41.56 dBV/m

E Category: M3

Location: -0.5, 0.5, 8.7 mm



0 dB = 119.7 V/m = 41.56 dBV/m

6_HAC RF GSM850_ANT3_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 = 198.9 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.82 dBV/m

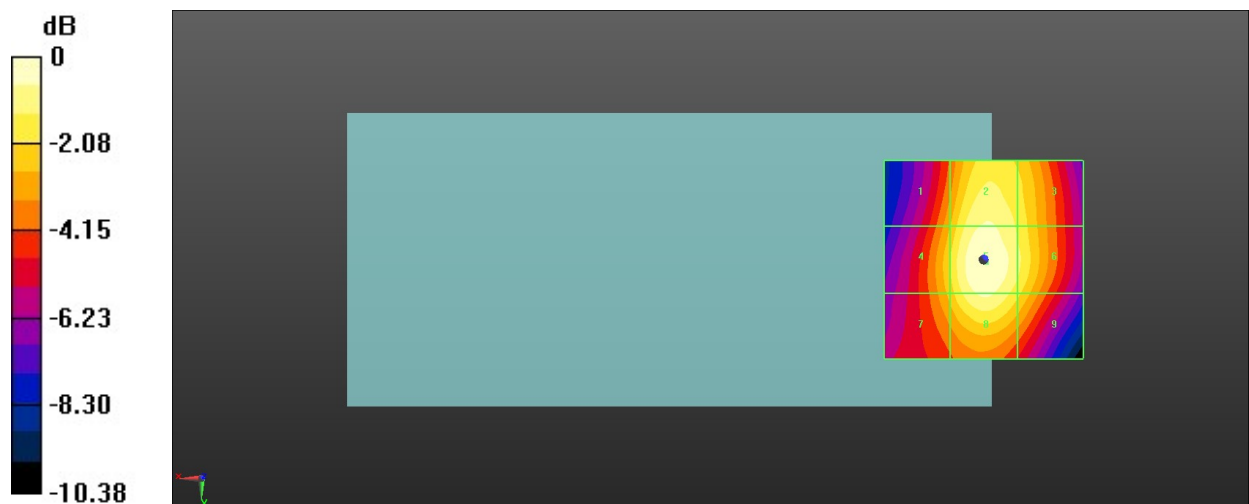
MIF scaled E-field

Grid 1 M4 39.03 dBV/m	Grid 2 M3 41.23 dBV/m	Grid 3 M3 40.33 dBV/m
Grid 4 M4 39.73 dBV/m	Grid 5 M3 41.82 dBV/m	Grid 6 M3 40.65 dBV/m
Grid 7 M4 39.34 dBV/m	Grid 8 M3 41.28 dBV/m	Grid 9 M4 39.97 dBV/m

Total = 41.82 dBV/m

E Category: M3

Location: -0.5, 0.5, 8.7 mm



0 dB = 123.3 V/m = 41.82 dBV/m

7_HAC RF GSM850_ANT3_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 = 197.0 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.72 dBV/m

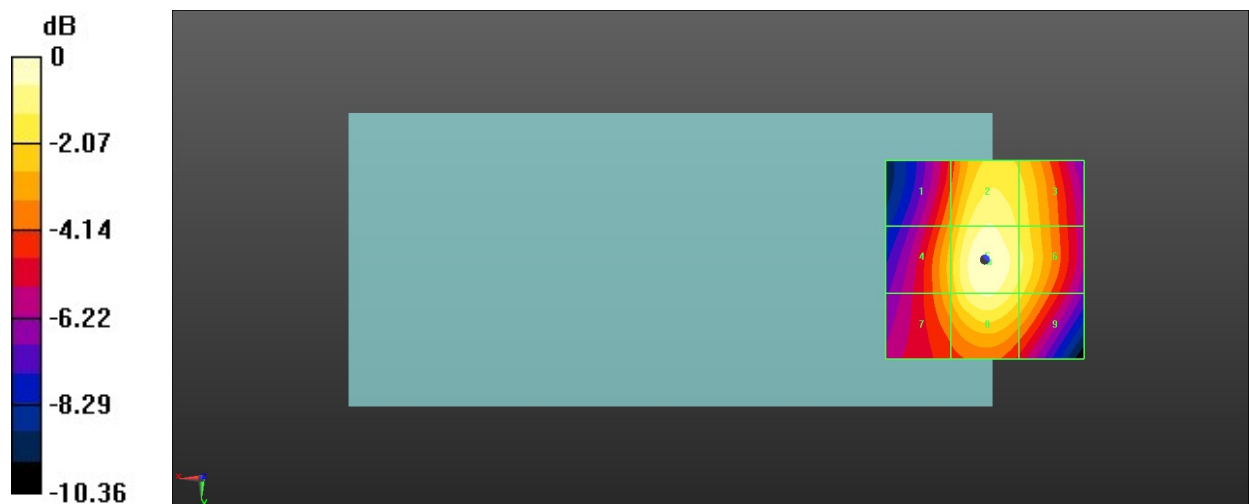
MIF scaled E-field

Grid 1 M4 38.64 dBV/m	Grid 2 M3 41.09 dBV/m	Grid 3 M3 40.24 dBV/m
Grid 4 M4 39.44 dBV/m	Grid 5 M3 41.72 dBV/m	Grid 6 M3 40.61 dBV/m
Grid 7 M4 39.11 dBV/m	Grid 8 M3 41.16 dBV/m	Grid 9 M4 39.95 dBV/m

Total = 41.72 dBV/m

E Category: M3

Location: -1, 0.5, 8.7 mm



0 dB = 121.9 V/m = 41.72 dBV/m

8_HAC RF GSM850_ANT3_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 = 130.5 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.95 dBV/m

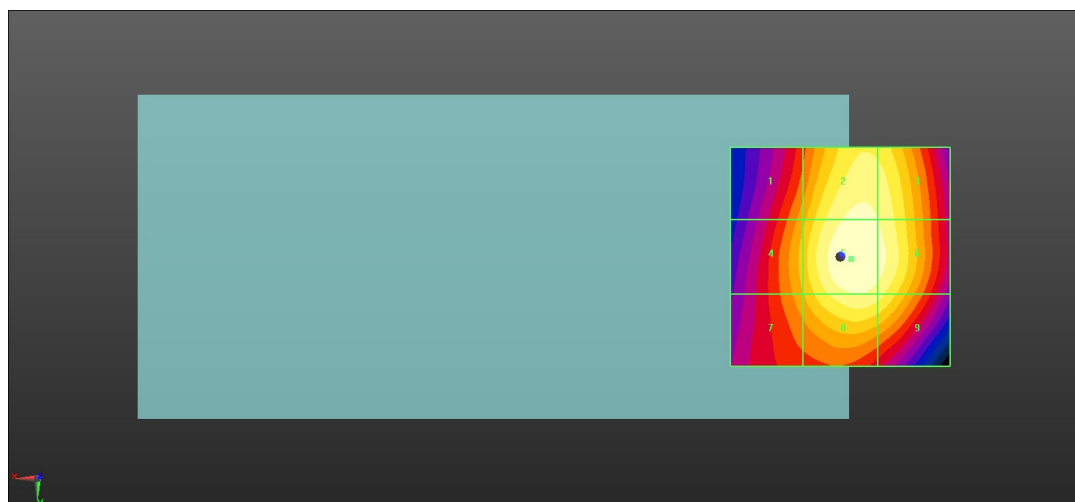
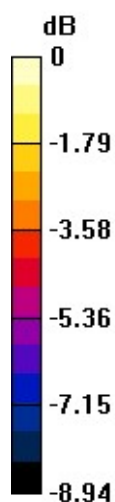
MIF scaled E-field

Grid 1 M4 37.39 dBV/m	Grid 2 M4 39.56 dBV/m	Grid 3 M4 39.36 dBV/m
Grid 4 M4 37.89 dBV/m	Grid 5 M4 39.95 dBV/m	Grid 6 M4 39.64 dBV/m
Grid 7 M4 37.53 dBV/m	Grid 8 M4 39.38 dBV/m	Grid 9 M4 39.04 dBV/m

Total = 39.95 dBV/m

E Category: M4

Location: -2.5, 0.5, 8.7 mm



0 dB = 99.44 V/m = 39.95 dBV/m

9_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: 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 = 8.294 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.31 dBV/m

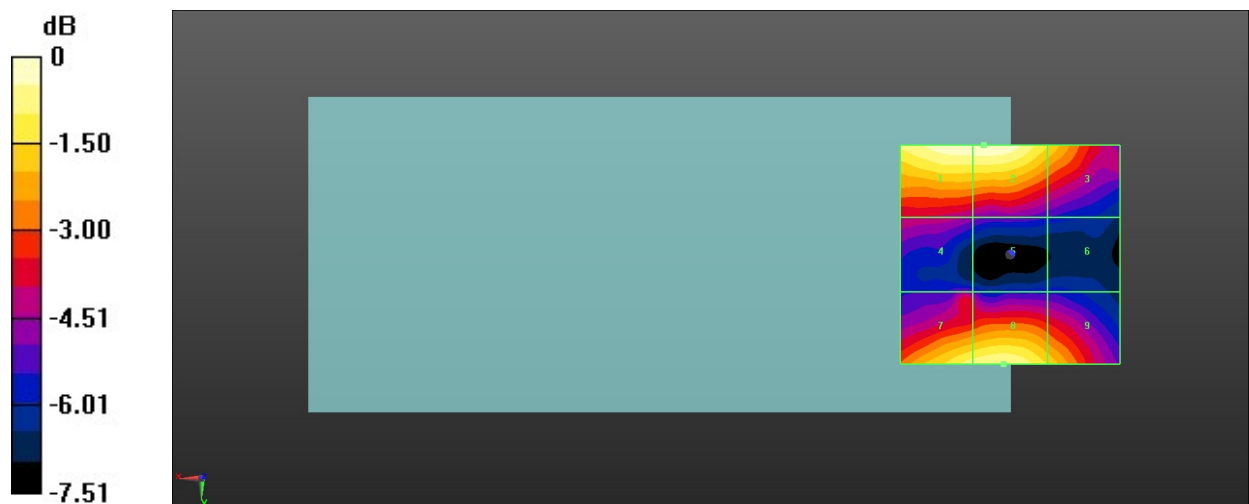
MIF scaled E-field

Grid 1 M4 27.28 dBV/m	Grid 2 M4 27.31 dBV/m	Grid 3 M4 25.87 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 22.65 dBV/m	Grid 6 M4 21.84 dBV/m
Grid 7 M4 26.61 dBV/m	Grid 8 M4 26.86 dBV/m	Grid 9 M4 25.78 dBV/m

Total = 27.31 dBV/m

E Category: M4

Location: 6, -25, 8.7 mm



0 dB = 23.20 V/m = 27.31 dBV/m

10_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: 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 = 8.172 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.92 dBV/m

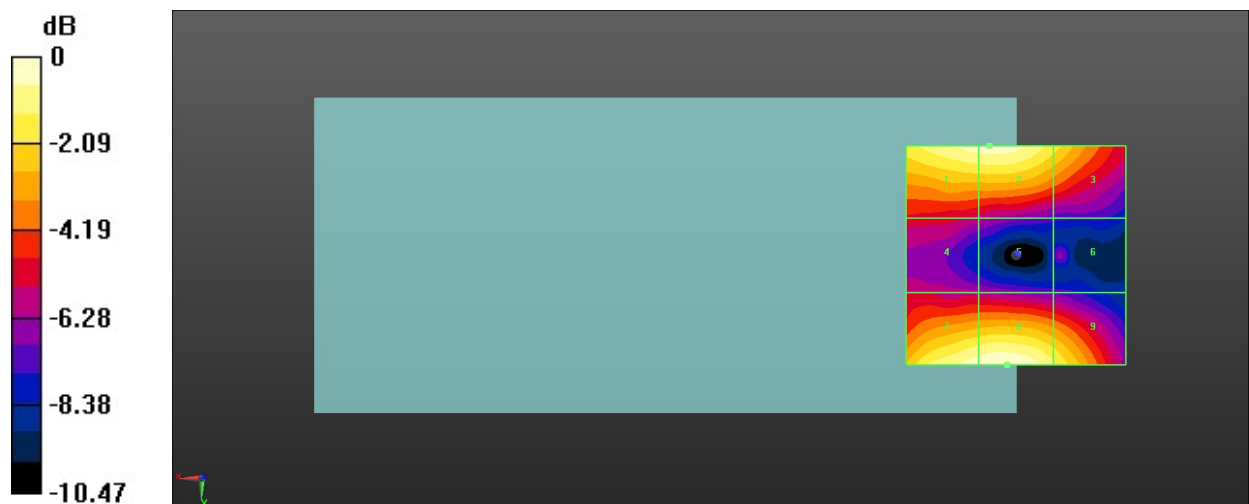
MIF scaled E-field

Grid 1 M4 27.6 dBV/m	Grid 2 M4 27.65 dBV/m	Grid 3 M4 26.22 dBV/m
Grid 4 M4 22.89 dBV/m	Grid 5 M4 22.07 dBV/m	Grid 6 M4 21.2 dBV/m
Grid 7 M4 27.69 dBV/m	Grid 8 M4 27.92 dBV/m	Grid 9 M4 26.66 dBV/m

Total = 27.92 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 24.89 V/m = 27.92 dBV/m

11_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: 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 = 8.214 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.08 dBV/m

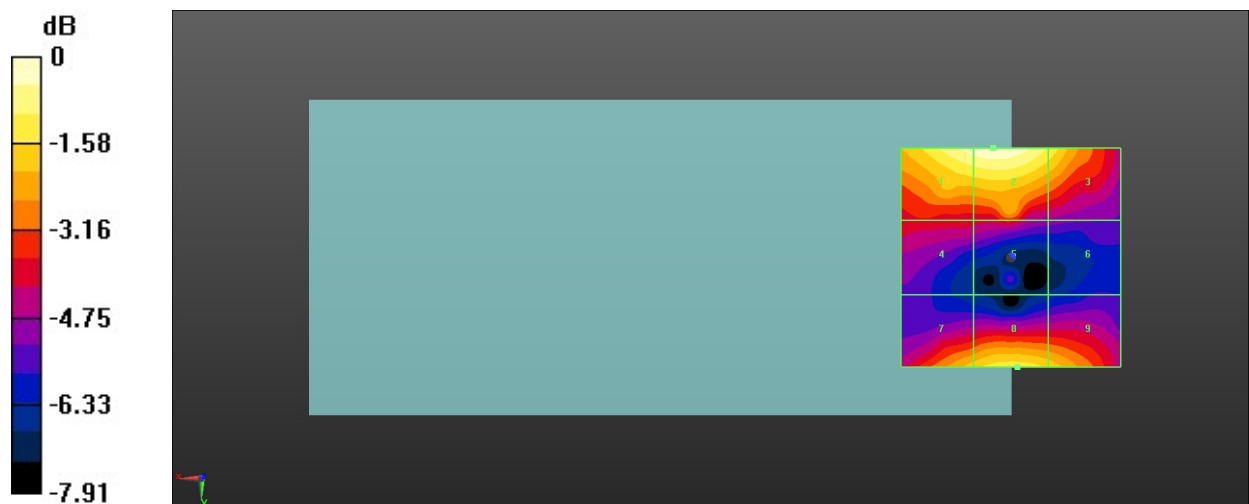
MIF scaled E-field

Grid 1 M4 26.86 dBV/m	Grid 2 M4 27.08 dBV/m	Grid 3 M4 25.95 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 23.62 dBV/m	Grid 6 M4 22.2 dBV/m
Grid 7 M4 25.3 dBV/m	Grid 8 M4 25.8 dBV/m	Grid 9 M4 25.39 dBV/m

Total = 27.08 dBV/m

E Category: M4

Location: 4, -25, 8.7 mm



0 dB = 22.59 V/m = 27.08 dBV/m

12_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: 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 = 29.88 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.17 dBV/m

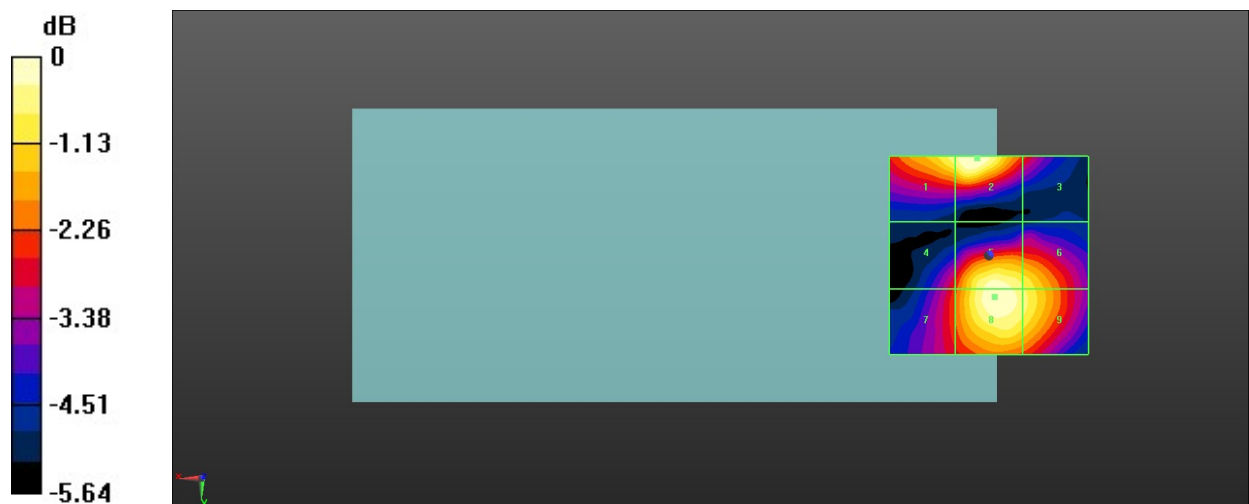
MIF scaled E-field

Grid 1 M4 27.69 dBV/m	Grid 2 M4 28.16 dBV/m	Grid 3 M4 25.81 dBV/m
Grid 4 M4 25.74 dBV/m	Grid 5 M4 28.06 dBV/m	Grid 6 M4 27.51 dBV/m
Grid 7 M4 25.95 dBV/m	Grid 8 M4 28.17 dBV/m	Grid 9 M4 27.62 dBV/m

Total = 28.17 dBV/m

E Category: M4

Location: -1.5, 10.5, 8.7 mm



0 dB = 25.63 V/m = 28.17 dBV/m

13_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: 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 = 30.60 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.58 dBV/m

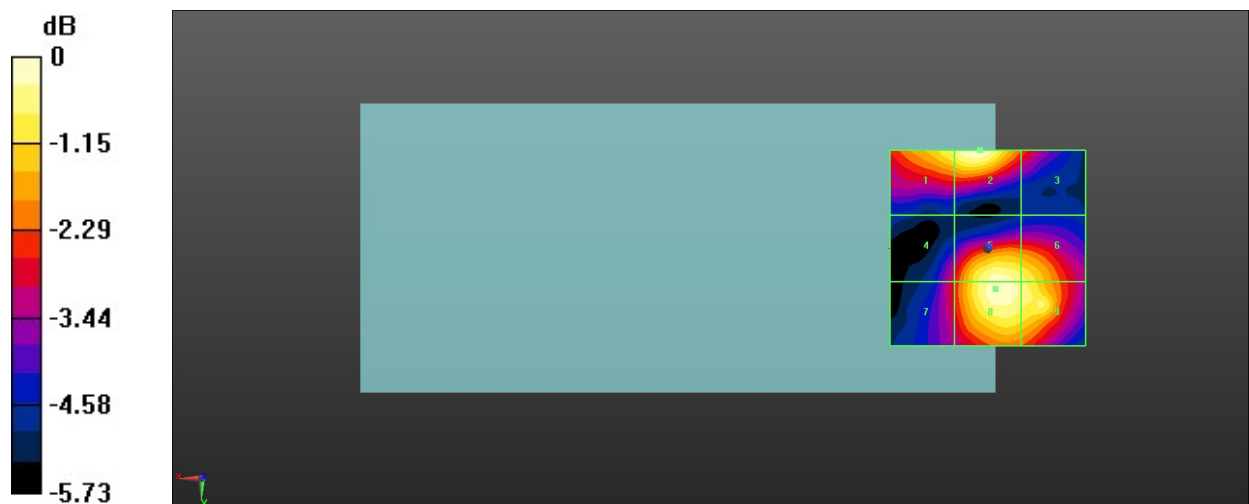
MIF scaled E-field

Grid 1 M4 28.03 dBV/m	Grid 2 M4 28.58 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 25.84 dBV/m	Grid 5 M4 28.38 dBV/m	Grid 6 M4 27.97 dBV/m
Grid 7 M4 25.98 dBV/m	Grid 8 M4 28.46 dBV/m	Grid 9 M4 28.1 dBV/m

Total = 28.58 dBV/m

E Category: M4

Location: 2, -25, 8.7 mm



0 dB = 26.85 V/m = 28.58 dBV/m

14_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: 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 = 31.34 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.00 dBV/m

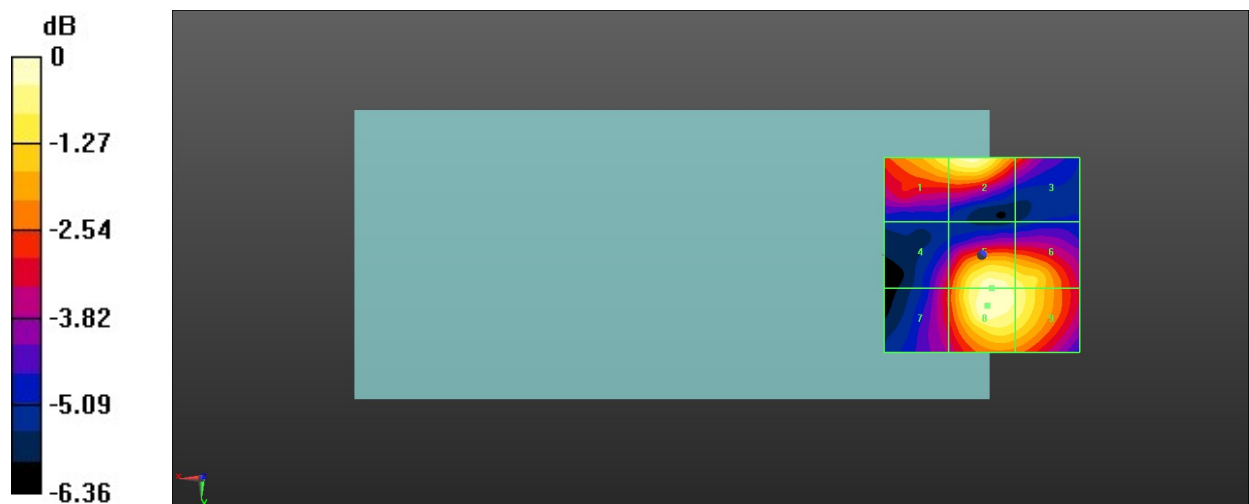
MIF scaled E-field

Grid 1 M4 28.28 dBV/m	Grid 2 M4 28.83 dBV/m	Grid 3 M4 26.63 dBV/m
Grid 4 M4 26.09 dBV/m	Grid 5 M4 28.84 dBV/m	Grid 6 M4 28.43 dBV/m
Grid 7 M4 26.21 dBV/m	Grid 8 M4 29 dBV/m	Grid 9 M4 28.54 dBV/m

Total = 29.00 dBV/m

E Category: M4

Location: -1.5, 13, 8.7 mm



0 dB = 28.17 V/m = 29.00 dBV/m

15_HAC RF LTE B41_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: 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 = 17.14 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.34 dBV/m

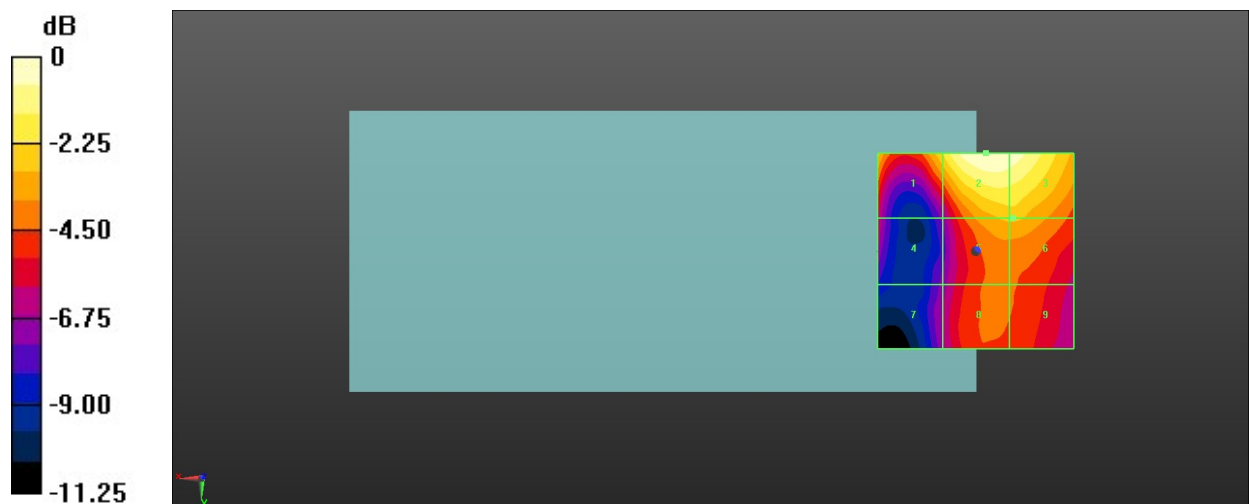
MIF scaled E-field

Grid 1 M4 22.12 dBV/m	Grid 2 M4 24.34 dBV/m	Grid 3 M4 24.13 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 21.57 dBV/m	Grid 6 M4 21.6 dBV/m
Grid 7 M4 17.71 dBV/m	Grid 8 M4 20.1 dBV/m	Grid 9 M4 19.97 dBV/m

Total = 24.34 dBV/m

E Category: M4

Location: -2.5, -25, 8.7 mm



0 dB = 16.48 V/m = 24.34 dBV/m

16_HAC RF LTE B41_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: 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 = 15.16 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 24.04 dBV/m

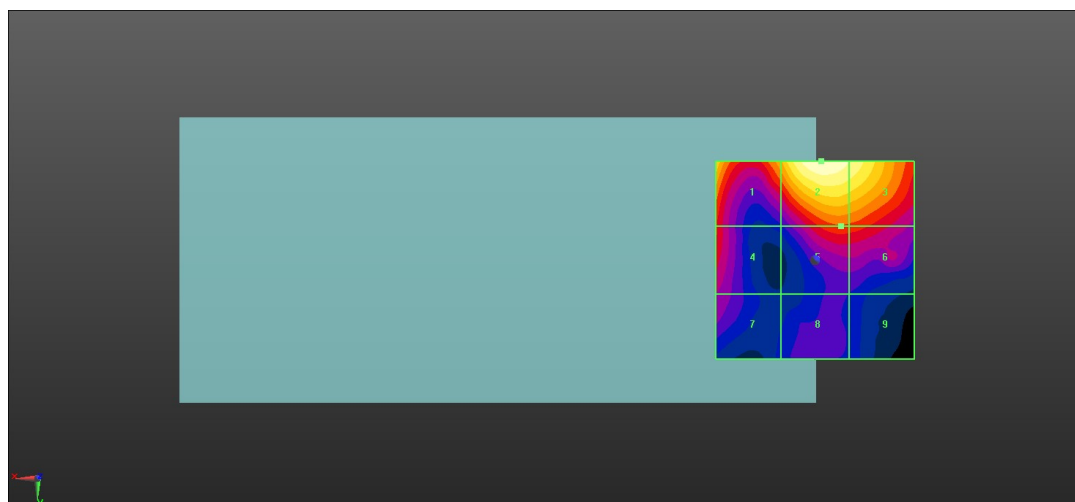
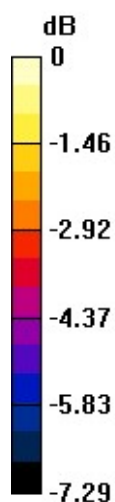
MIF scaled E-field

Grid 1 M4 22.75 dBV/m	Grid 2 M4 24.04 dBV/m	Grid 3 M4 23.59 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 21.05 dBV/m	Grid 6 M4 20.98 dBV/m
Grid 7 M4 19.7 dBV/m	Grid 8 M4 19.15 dBV/m	Grid 9 M4 18.71 dBV/m

Total = 24.04 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 15.92 V/m = 24.04 dBV/m

17_HAC RF LTE B41_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: 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 = 14.47 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.60 dBV/m

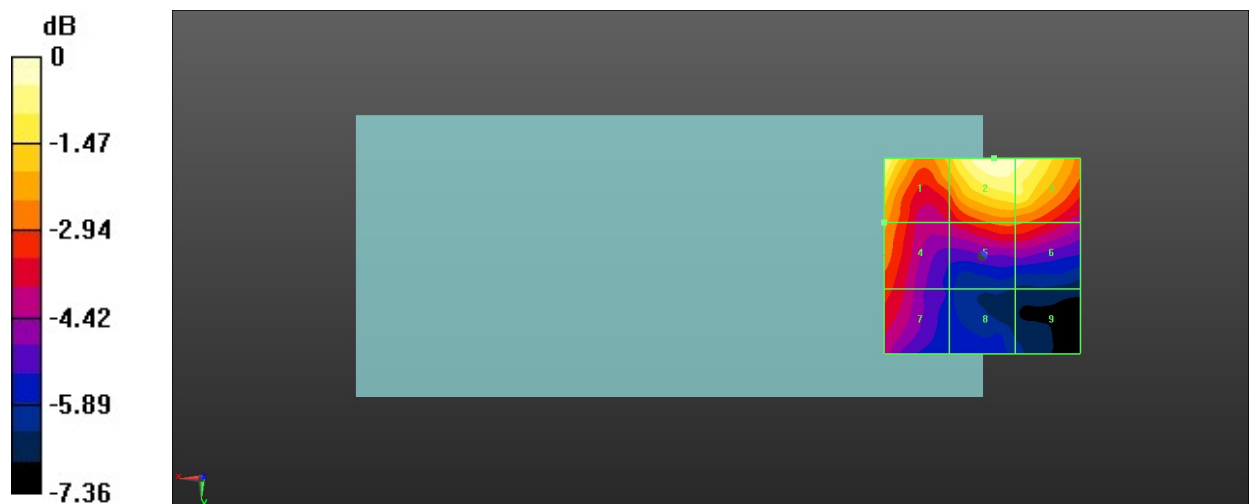
MIF scaled E-field

Grid 1 M4 23.42 dBV/m	Grid 2 M4 23.6 dBV/m	Grid 3 M4 23.39 dBV/m
Grid 4 M4 21.31 dBV/m	Grid 5 M4 20.84 dBV/m	Grid 6 M4 20.78 dBV/m
Grid 7 M4 20.39 dBV/m	Grid 8 M4 18.05 dBV/m	Grid 9 M4 17.45 dBV/m

Total = 23.60 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 15.13 V/m = 23.60 dBV/m

18_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch41055

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2636.5 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 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 = 16.63 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.50 dBV/m

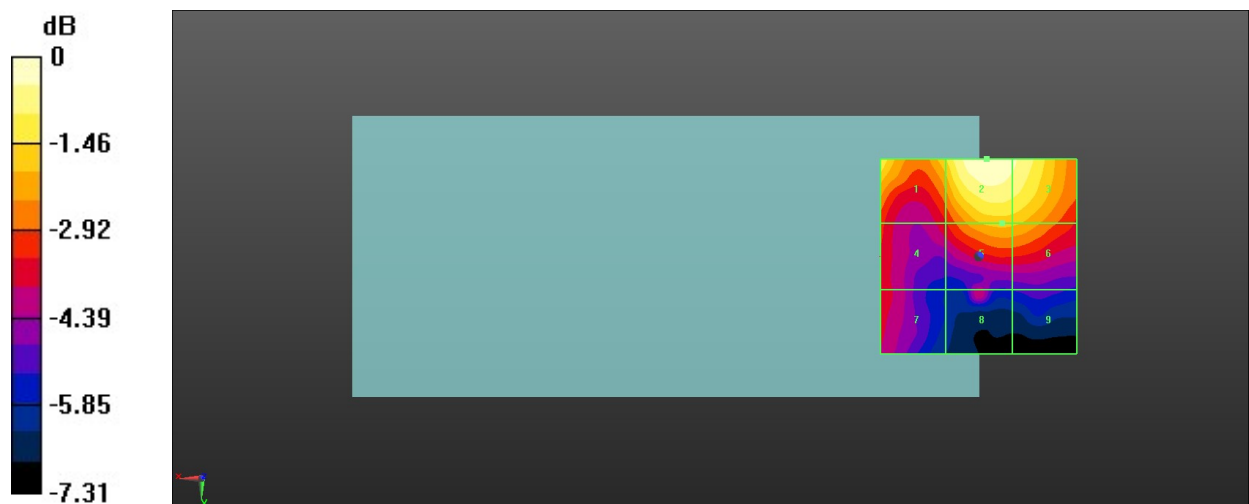
MIF scaled E-field

Grid 1 M4 22.65 dBV/m	Grid 2 M4 23.5 dBV/m	Grid 3 M4 23.16 dBV/m
Grid 4 M4 20.32 dBV/m	Grid 5 M4 21.74 dBV/m	Grid 6 M4 21.68 dBV/m
Grid 7 M4 19.89 dBV/m	Grid 8 M4 19.56 dBV/m	Grid 9 M4 18.49 dBV/m

Total = 23.50 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 14.96 V/m = 23.50 dBV/m

19_HAC RF LTE B41_20M_ANT 1_QPSK_1RB_0Offset_Ch41490

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 2680 MHz; Duty Cycle: 1:8.8736

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 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 = 18.90 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 23.82 dBV/m

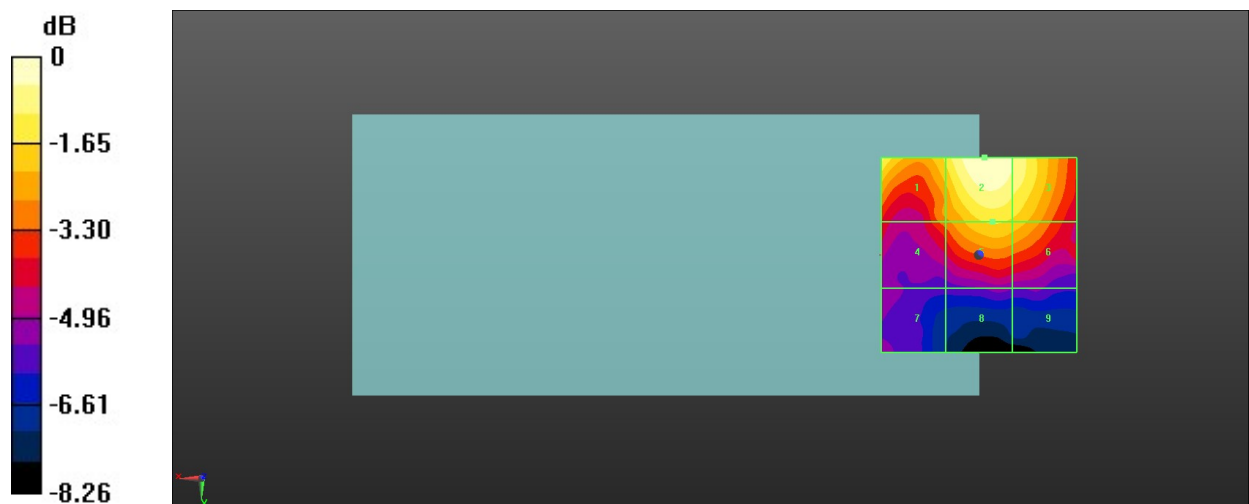
MIF scaled E-field

Grid 1 M4 23.1 dBV/m	Grid 2 M4 23.82 dBV/m	Grid 3 M4 23.3 dBV/m
Grid 4 M4 20.88 dBV/m	Grid 5 M4 22.25 dBV/m	Grid 6 M4 22.04 dBV/m
Grid 7 M4 18.77 dBV/m	Grid 8 M4 18.61 dBV/m	Grid 9 M4 18.47 dBV/m

Total = 23.82 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 15.52 V/m = 23.82 dBV/m

20_HAC RF LTE B41_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: 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 = 17.01 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.61 dBV/m

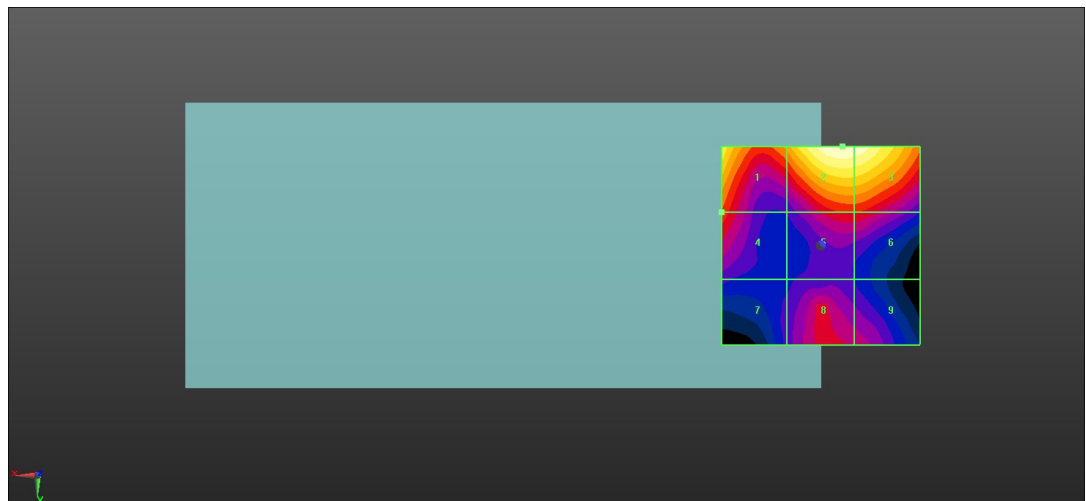
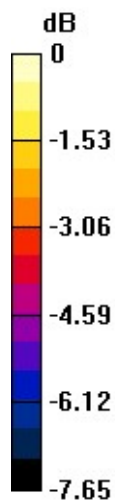
MIF scaled E-field

Grid 1 M4 24.69 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.53 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 22.13 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M4 20.28 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 21.43 dBV/m

Total = 25.61 dBV/m

E Category: M4

Location: -5.5, -25, 8.7 mm



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

21_HAC RF WLAN2.4GHz_Ant 5_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 = 50.19 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.66 dBV/m

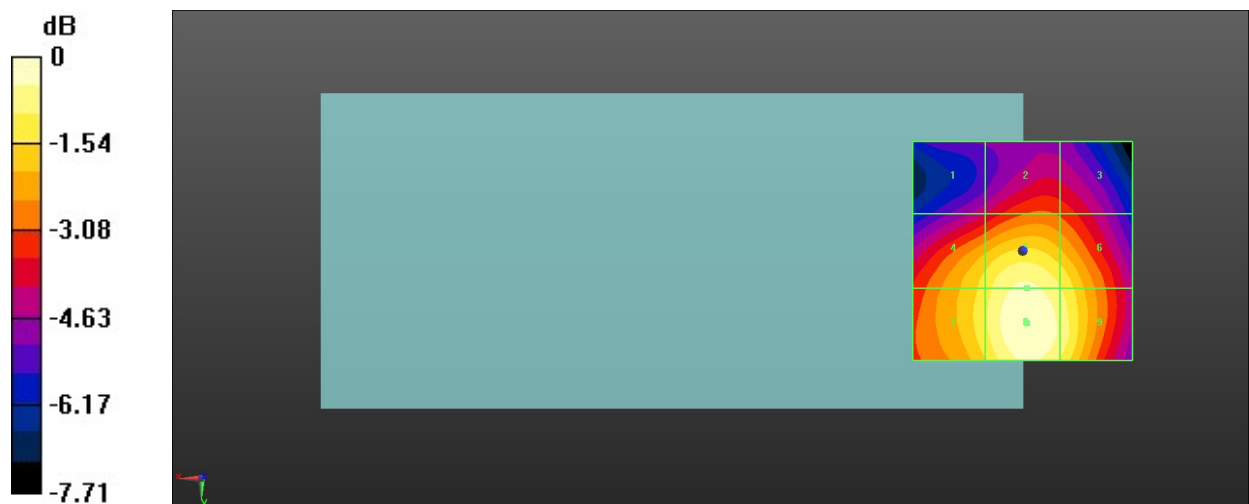
MIF scaled E-field

Grid 1 M4 27.53 dBV/m	Grid 2 M4 28.7 dBV/m	Grid 3 M4 28.5 dBV/m
Grid 4 M3 30.39 dBV/m	Grid 5 M3 31.26 dBV/m	Grid 6 M3 30.68 dBV/m
Grid 7 M3 30.56 dBV/m	Grid 8 M3 31.66 dBV/m	Grid 9 M3 31.05 dBV/m

Total = 31.66 dBV/m

E Category: M3

Location: -1, 16.5, 8.7 mm



0 dB = 38.30 V/m = 31.66 dBV/m

22_HAC RF WLAN2.4GHz_Ant 5_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 = 54.80 V/m; Power Drift = 0.19 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.53 dBV/m

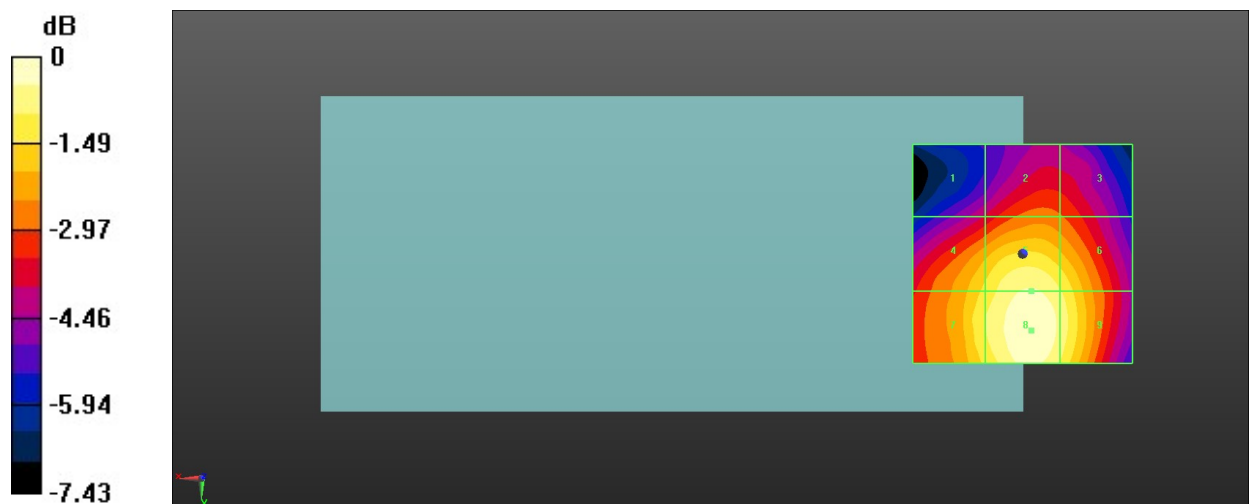
MIF scaled E-field

Grid 1 M4 28.65 dBV/m	Grid 2 M4 29.84 dBV/m	Grid 3 M4 29.64 dBV/m
Grid 4 M3 31.2 dBV/m	Grid 5 M3 32.09 dBV/m	Grid 6 M3 31.58 dBV/m
Grid 7 M3 31.56 dBV/m	Grid 8 M3 32.53 dBV/m	Grid 9 M3 31.9 dBV/m

Total = 32.53 dBV/m

E Category: M3

Location: -2, 17.5, 8.7 mm



0 dB = 42.30 V/m = 32.53 dBV/m

23_HAC RF WLAN2.4GHz_Ant 5_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 = 53.26 V/m; Power Drift = -0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.44 dBV/m

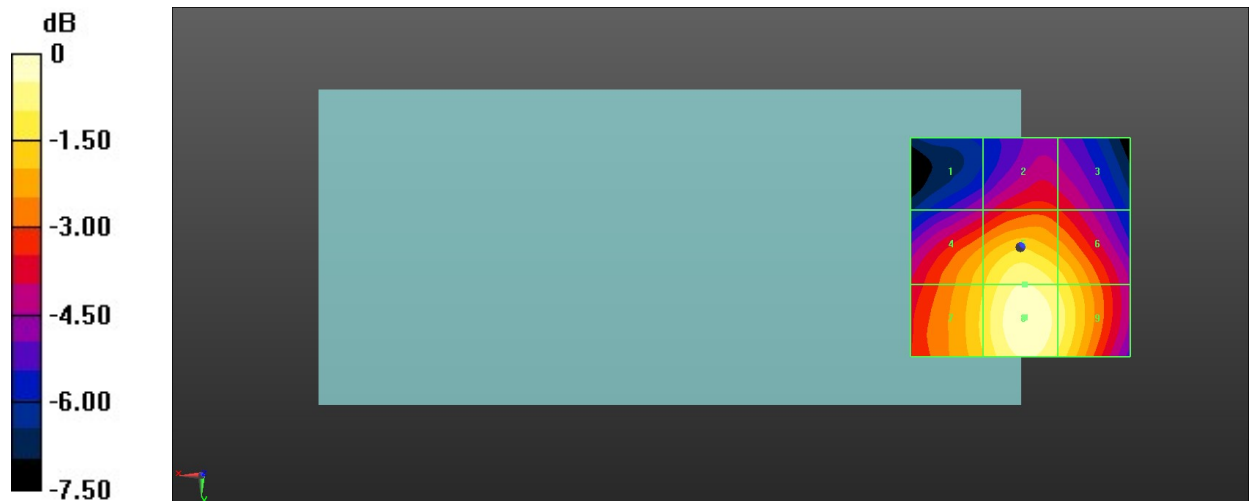
MIF scaled E-field

Grid 1 M4 28.12 dBV/m	Grid 2 M4 29.26 dBV/m	Grid 3 M4 29 dBV/m
Grid 4 M3 30.86 dBV/m	Grid 5 M3 31.97 dBV/m	Grid 6 M3 31.34 dBV/m
Grid 7 M3 31.11 dBV/m	Grid 8 M3 32.44 dBV/m	Grid 9 M3 31.75 dBV/m

Total = 32.44 dBV/m

E Category: M3

Location: -1, 16, 8.7 mm



0 dB = 41.86 V/m = 32.44 dBV/m

24_HAC RF WLAN2.4GHz_Ant 5_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 = 47.67 V/m; Power Drift = 0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.64 dBV/m

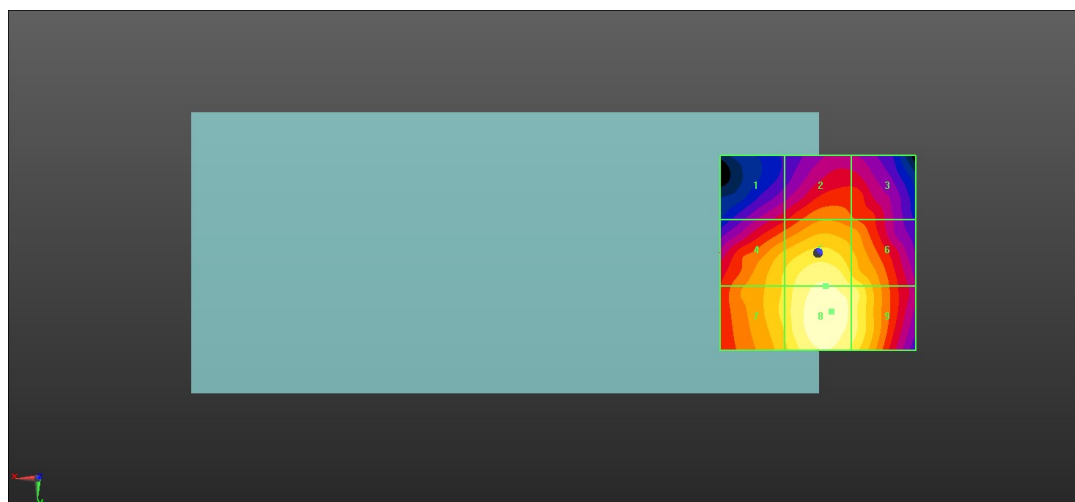
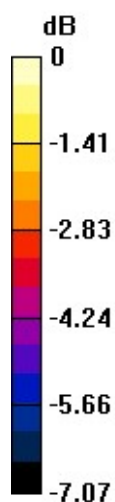
MIF scaled E-field

Grid 1 M4 28.27 dBV/m	Grid 2 M4 29.28 dBV/m	Grid 3 M4 28.96 dBV/m
Grid 4 M3 30.34 dBV/m	Grid 5 M3 31.24 dBV/m	Grid 6 M3 30.78 dBV/m
Grid 7 M3 30.43 dBV/m	Grid 8 M3 31.64 dBV/m	Grid 9 M3 31.04 dBV/m

Total = 31.64 dBV/m

E Category: M3

Location: -3.5, 15, 8.7 mm



0 dB = 38.19 V/m = 31.64 dBV/m