

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 = 51.17 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.35 dBV/m

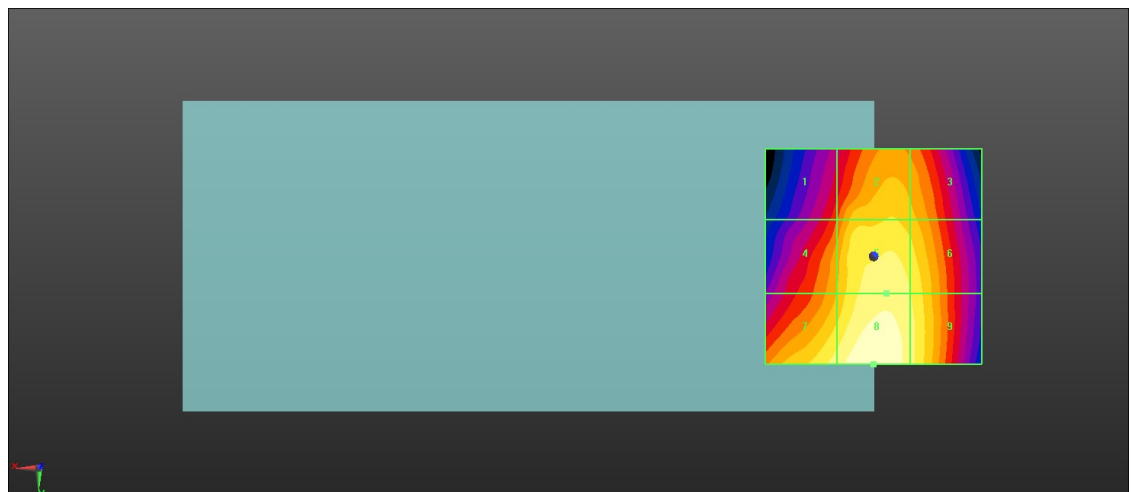
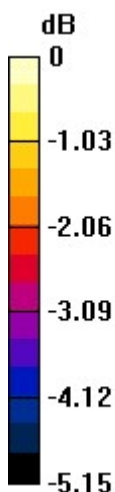
MIF scaled E-field

Grid 1 M4 33.28 dBV/m	Grid 2 M4 34.35 dBV/m	Grid 3 M4 34.13 dBV/m
Grid 4 M4 34 dBV/m	Grid 5 M4 34.91 dBV/m	Grid 6 M4 34.67 dBV/m
Grid 7 M4 34.86 dBV/m	Grid 8 M4 35.35 dBV/m	Grid 9 M4 34.82 dBV/m

Total = 35.35 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 58.56 V/m = 35.35 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 = 45.96 V/m; Power Drift = -0.17 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.67 dBV/m

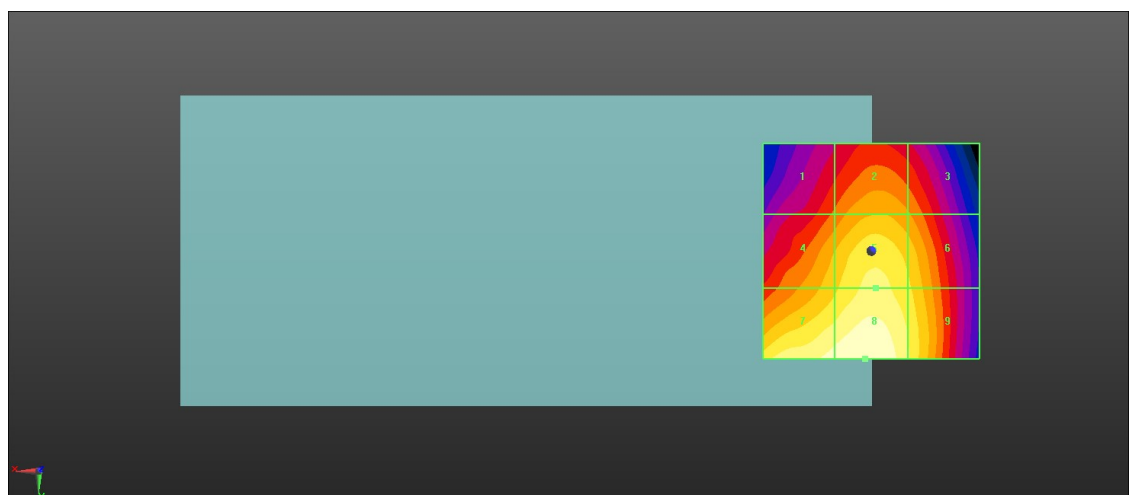
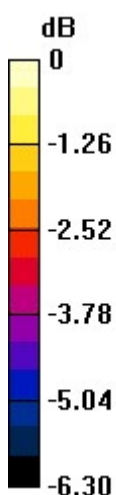
MIF scaled E-field

Grid 1 M4 32.27 dBV/m	Grid 2 M4 33 dBV/m	Grid 3 M4 32.64 dBV/m
Grid 4 M4 33.32 dBV/m	Grid 5 M4 33.96 dBV/m	Grid 6 M4 33.5 dBV/m
Grid 7 M4 34.42 dBV/m	Grid 8 M4 34.67 dBV/m	Grid 9 M4 33.88 dBV/m

Total = 34.67 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 54.11 V/m = 34.67 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 = 43.41 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.02 dBV/m

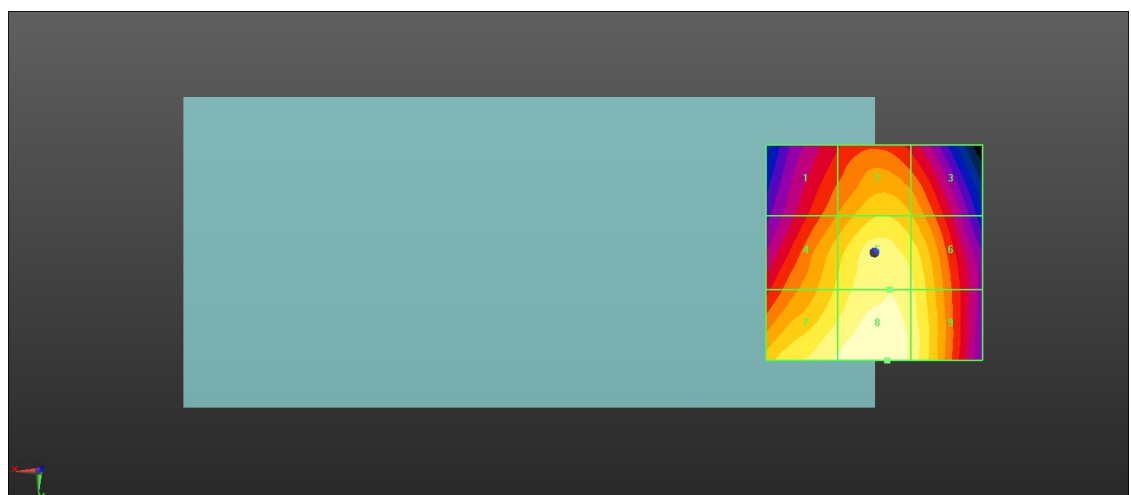
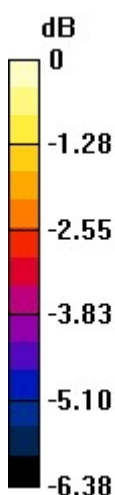
MIF scaled E-field

Grid 1 M4 31.93 dBV/m	Grid 2 M4 32.76 dBV/m	Grid 3 M4 32.36 dBV/m
Grid 4 M4 32.84 dBV/m	Grid 5 M4 33.56 dBV/m	Grid 6 M4 33.26 dBV/m
Grid 7 M4 33.68 dBV/m	Grid 8 M4 34.02 dBV/m	Grid 9 M4 33.5 dBV/m

Total = 34.02 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 50.23 V/m = 34.02 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 = 59.13 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.67 dBV/m

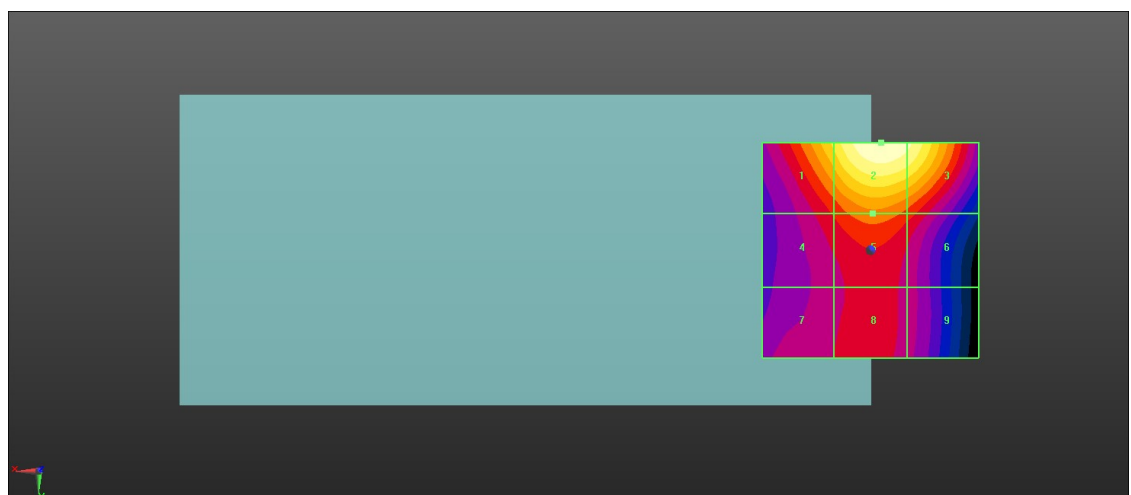
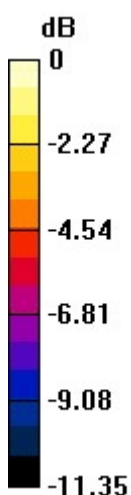
MIF scaled E-field

Grid 1 M4 38.66 dBV/m	Grid 2 M3 40.67 dBV/m	Grid 3 M3 40.16 dBV/m
Grid 4 M4 35.5 dBV/m	Grid 5 M4 36.67 dBV/m	Grid 6 M4 35.84 dBV/m
Grid 7 M4 34.65 dBV/m	Grid 8 M4 35.04 dBV/m	Grid 9 M4 34.36 dBV/m

Total = 40.67 dBV/m

E Category: M3

Location: -2.5, -25, 8.7 mm



0 dB = 108.0 V/m = 40.67 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 = 55.55 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.10 dBV/m

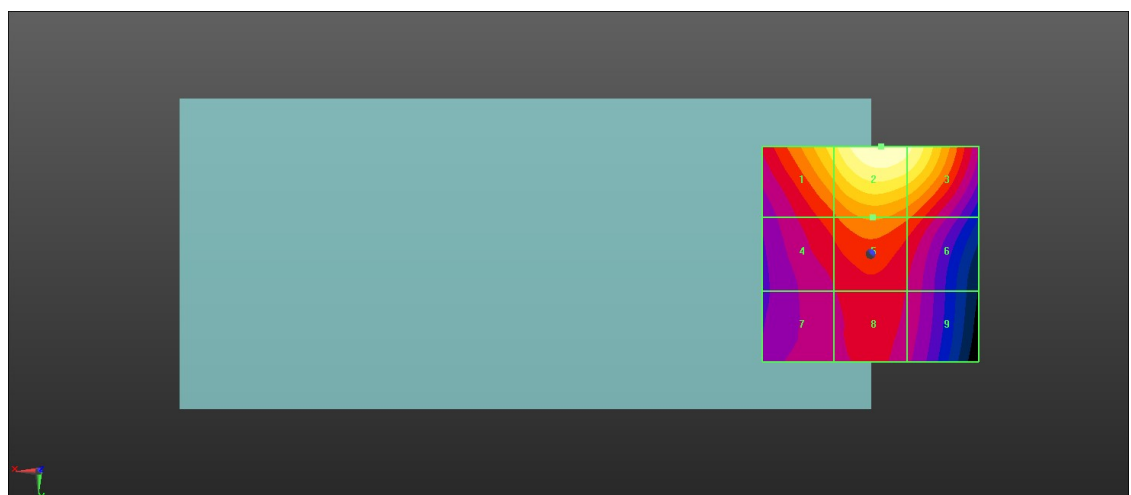
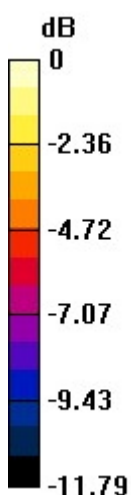
MIF scaled E-field

Grid 1 M4 38.3 dBV/m	Grid 2 M3 40.1 dBV/m	Grid 3 M4 39.58 dBV/m
Grid 4 M4 35.24 dBV/m	Grid 5 M4 36.31 dBV/m	Grid 6 M4 35.54 dBV/m
Grid 7 M4 33.78 dBV/m	Grid 8 M4 34.42 dBV/m	Grid 9 M4 33.77 dBV/m

Total = 40.10 dBV/m

E Category: M3

Location: -2.5, -25, 8.7 mm



0 dB = 101.1 V/m = 40.10 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 = 48.28 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.12 dBV/m

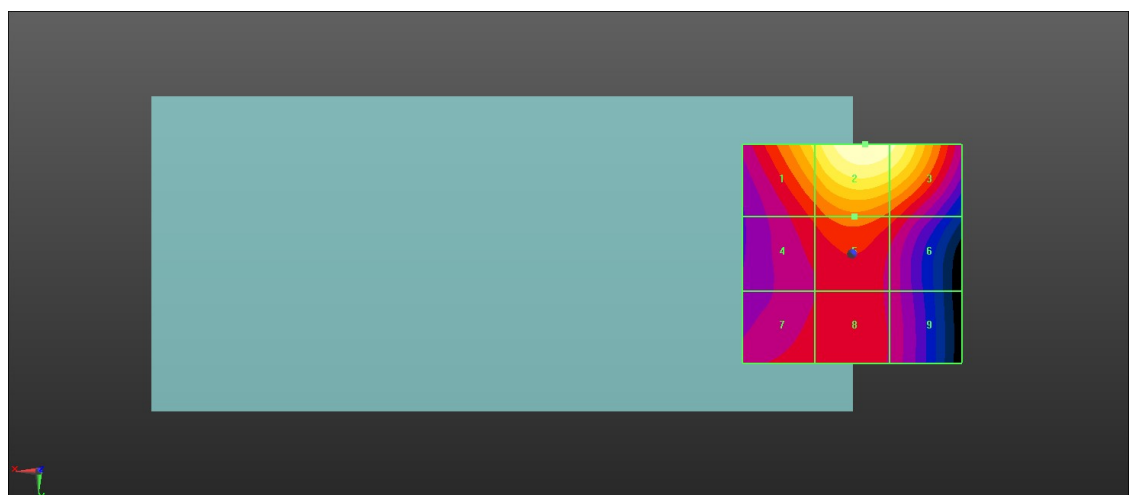
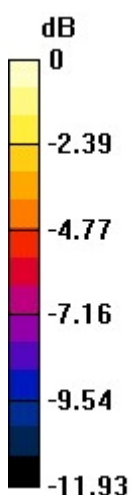
MIF scaled E-field

Grid 1 M4 37.06 dBV/m	Grid 2 M4 39.12 dBV/m	Grid 3 M4 38.65 dBV/m
Grid 4 M4 33.81 dBV/m	Grid 5 M4 34.89 dBV/m	Grid 6 M4 34.06 dBV/m
Grid 7 M4 33.23 dBV/m	Grid 8 M4 33.56 dBV/m	Grid 9 M4 32.71 dBV/m

Total = 39.12 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 90.32 V/m = 39.12 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 = 5.226 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.57 dBV/m

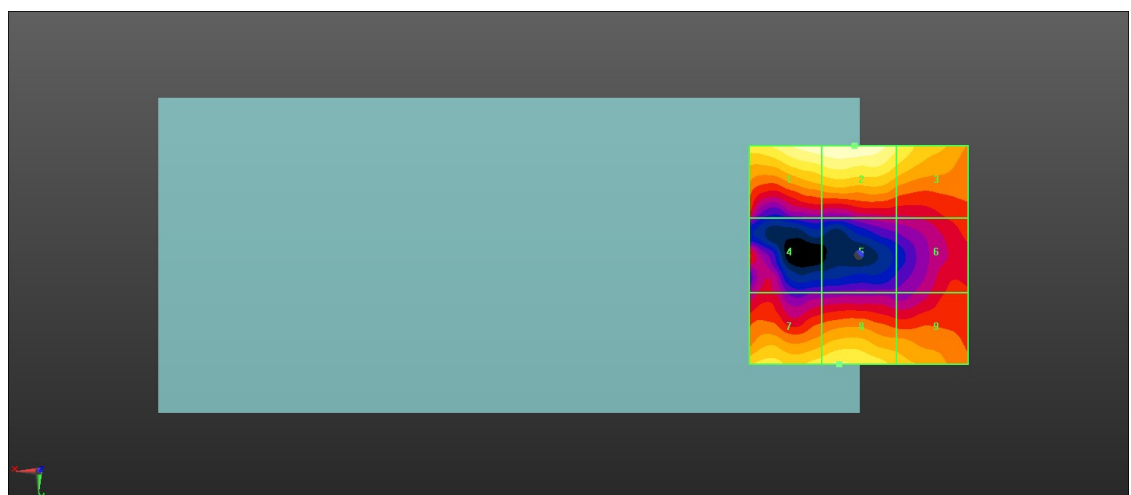
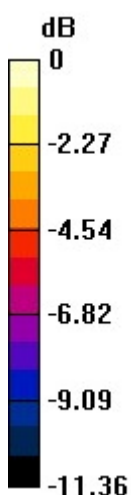
MIF scaled E-field

Grid 1 M4 25.35 dBV/m	Grid 2 M4 25.57 dBV/m	Grid 3 M4 24.26 dBV/m
Grid 4 M4 20.44 dBV/m	Grid 5 M4 19.29 dBV/m	Grid 6 M4 20.81 dBV/m
Grid 7 M4 23.78 dBV/m	Grid 8 M4 24.24 dBV/m	Grid 9 M4 22.98 dBV/m

Total = 25.57 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 18.98 V/m = 25.57 dBV/m

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 = 5.192 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.25 dBV/m

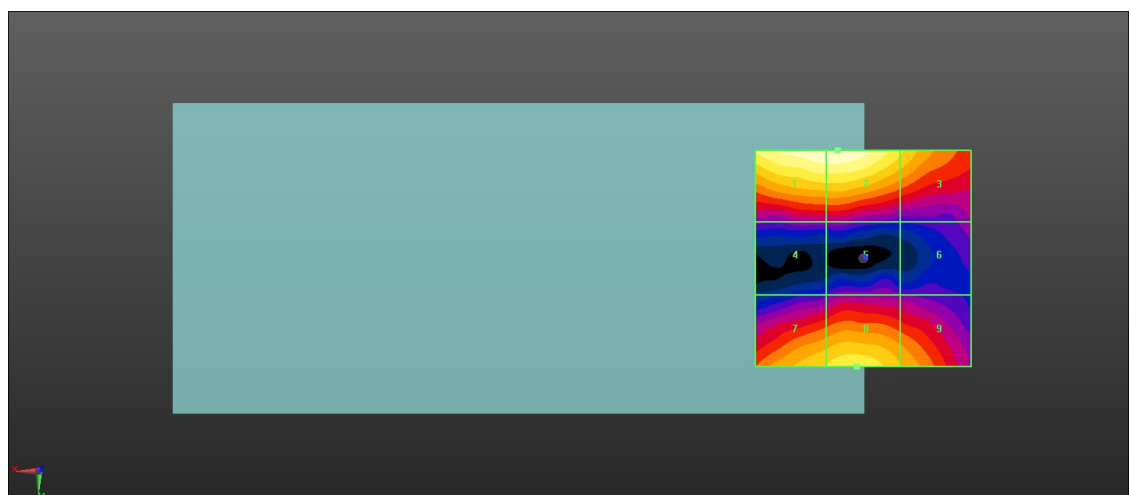
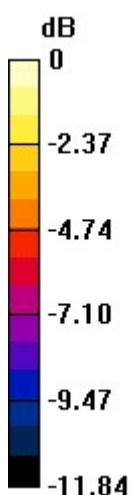
MIF scaled E-field

Grid 1 M4 27.17 dBV/m	Grid 2 M4 27.25 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 20.04 dBV/m	Grid 5 M4 20.08 dBV/m	Grid 6 M4 20.17 dBV/m
Grid 7 M4 24.99 dBV/m	Grid 8 M4 25.52 dBV/m	Grid 9 M4 24.17 dBV/m

Total = 27.25 dBV/m

E Category: M4

Location: 6, -25, 8.7 mm



0 dB = 23.04 V/m = 27.25 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 = 4.409 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.53 dBV/m

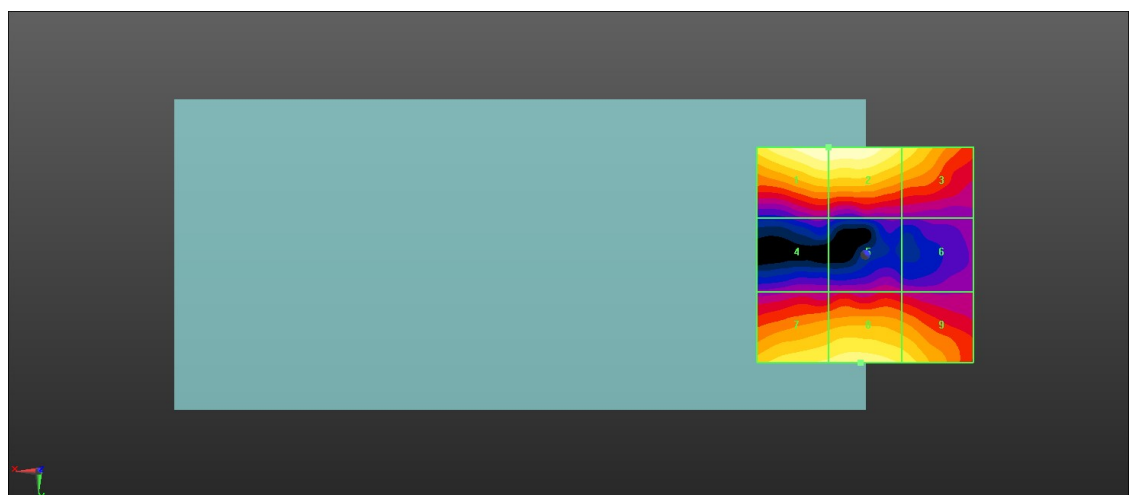
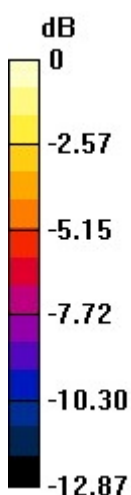
MIF scaled E-field

Grid 1 M4 26.53 dBV/m	Grid 2 M4 26.53 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 19.03 dBV/m	Grid 5 M4 19.68 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 25.01 dBV/m	Grid 8 M4 25.33 dBV/m	Grid 9 M4 24.7 dBV/m

Total = 26.53 dBV/m

E Category: M4

Location: 8.5, -25, 8.7 mm



0 dB = 21.21 V/m = 26.53 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 = 45.40 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.26 dBV/m

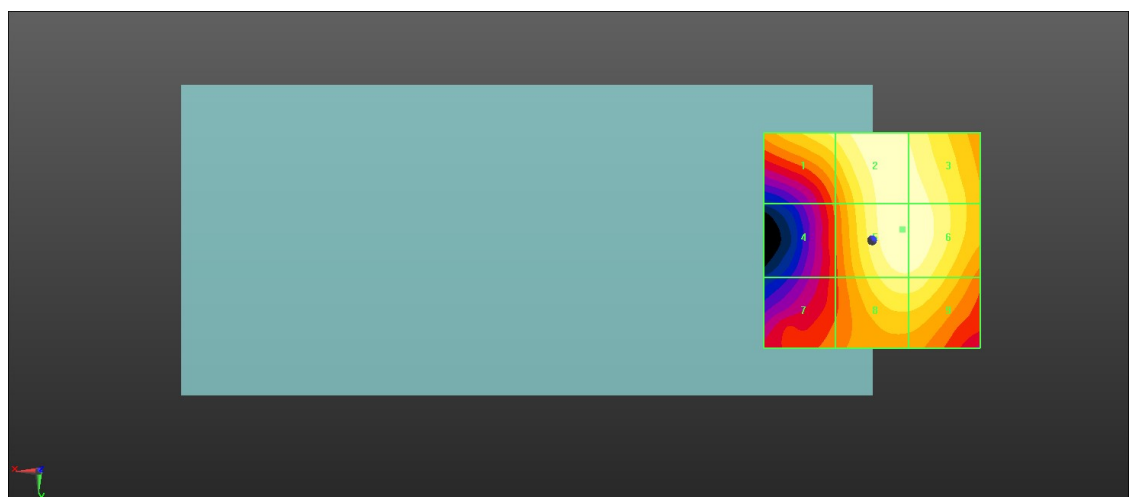
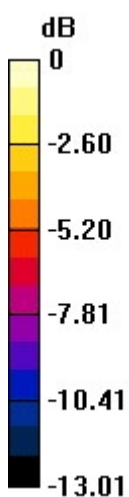
MIF scaled E-field

Grid 1 M3 30.85 dBV/m	Grid 2 M3 32.12 dBV/m	Grid 3 M3 32.03 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M3 32.26 dBV/m	Grid 6 M3 32.23 dBV/m
Grid 7 M4 27.57 dBV/m	Grid 8 M3 31.26 dBV/m	Grid 9 M3 31.24 dBV/m

Total = 32.26 dBV/m

E Category: M3

Location: -7, -2.5, 8.7 mm



0 dB = 41.03 V/m = 32.26 dBV/m

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 = 43.55 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.33 dBV/m

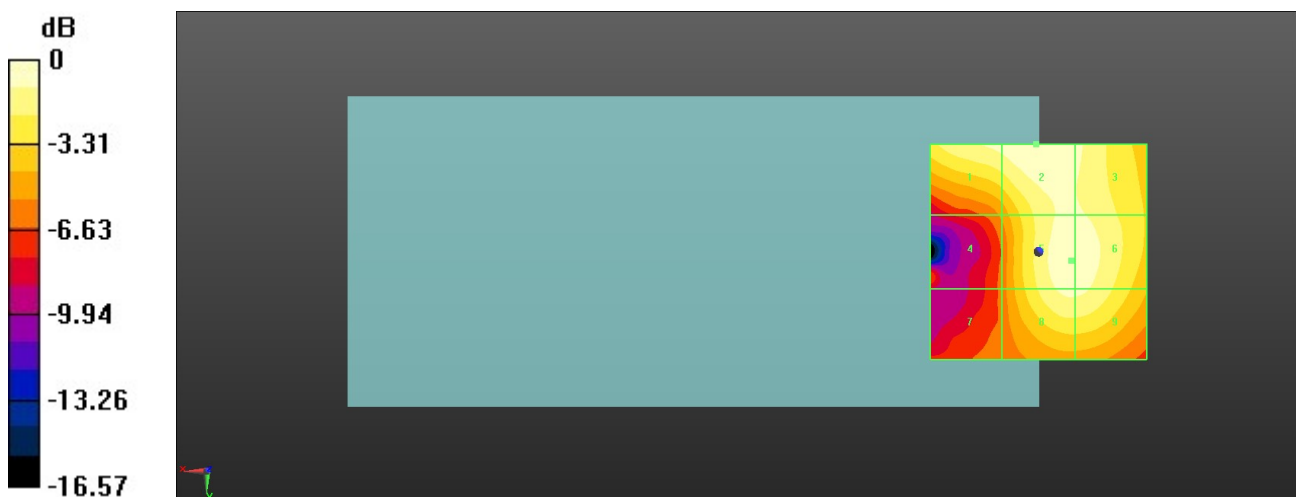
MIF scaled E-field

Grid 1 M3 31.66 dBV/m	Grid 2 M3 32.33 dBV/m	Grid 3 M3 31.54 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M3 31.98 dBV/m	Grid 6 M3 31.96 dBV/m
Grid 7 M4 26.29 dBV/m	Grid 8 M3 31.55 dBV/m	Grid 9 M3 31.53 dBV/m

Total = 32.33 dBV/m

E Category: M3

Location: 0.5, -25, 8.7 mm



0 dB = 41.36 V/m = 32.33 dBV/m

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 = 33.08 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.50 dBV/m

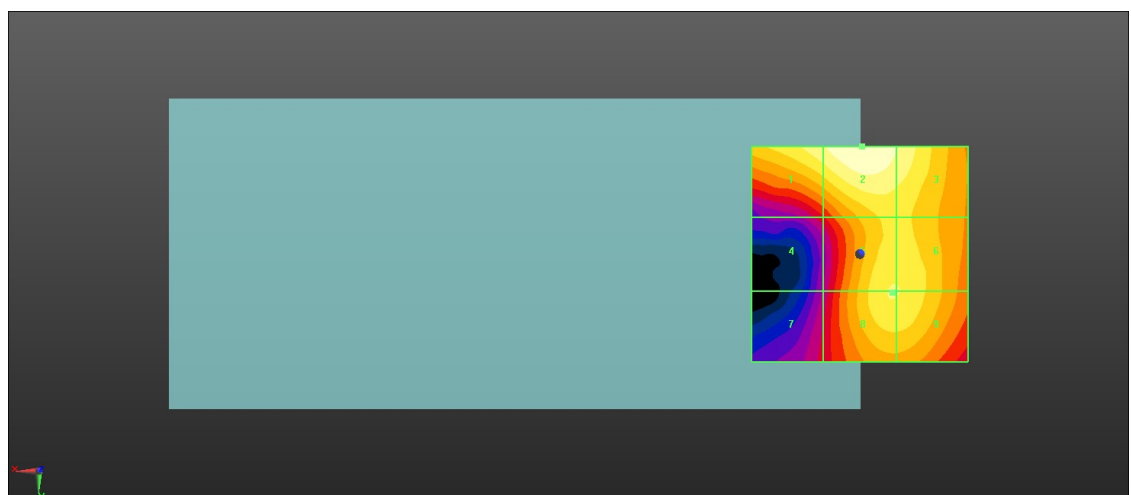
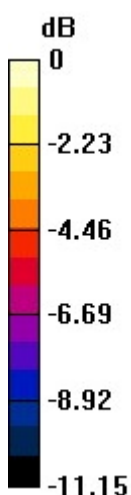
MIF scaled E-field

Grid 1 M3 31.7 dBV/m	Grid 2 M3 32.5 dBV/m	Grid 3 M3 31.84 dBV/m
Grid 4 M4 27.2 dBV/m	Grid 5 M3 31.05 dBV/m	Grid 6 M3 31.05 dBV/m
Grid 7 M4 26.87 dBV/m	Grid 8 M3 31.05 dBV/m	Grid 9 M3 31.05 dBV/m

Total = 32.50 dBV/m

E Category: M3

Location: -0.5, -25, 8.7 mm



0 dB = 42.18 V/m = 32.50 dBV/m

13_HAC RF LTE B41_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 = 8.938 V/m; Power Drift = 0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.48 dBV/m

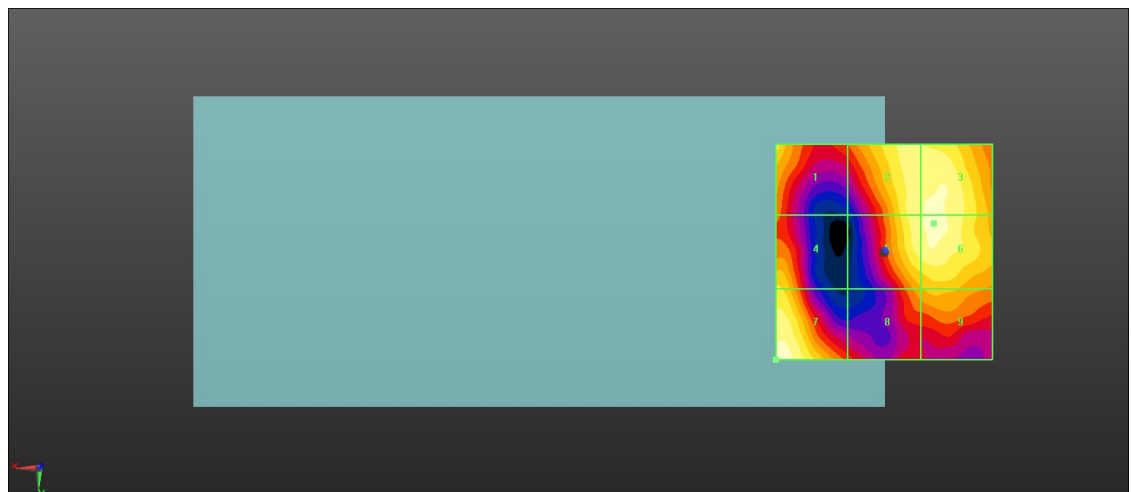
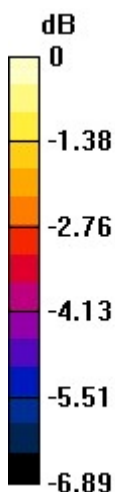
MIF scaled E-field

Grid 1 M4 17.4 dBV/m	Grid 2 M4 17.99 dBV/m	Grid 3 M4 18.14 dBV/m
Grid 4 M4 17.18 dBV/m	Grid 5 M4 17.99 dBV/m	Grid 6 M4 18.16 dBV/m
Grid 7 M4 18.48 dBV/m	Grid 8 M4 16.58 dBV/m	Grid 9 M4 16.89 dBV/m

Total = 18.48 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 8.398 V/m = 18.48 dBV/m

14_HAC RF LTE B41_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 = 3.485 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.94 dBV/m

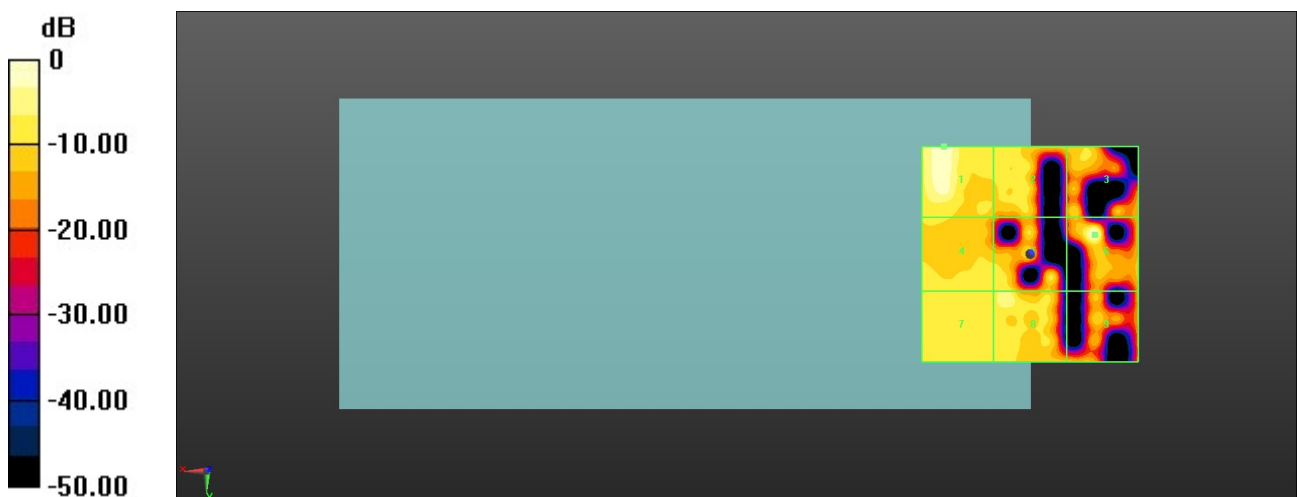
MIF scaled E-field

Grid 1 M4 17.05 dBV/m	Grid 2 M4 10.75 dBV/m	Grid 3 M4 9 dBV/m
Grid 4 M4 10.18 dBV/m	Grid 5 M4 11.8 dBV/m	Grid 6 M4 17.94 dBV/m
Grid 7 M4 10.87 dBV/m	Grid 8 M4 13.97 dBV/m	Grid 9 M4 7.24 dBV/m

Total = 17.94 dBV/m

E Category: M4

Location: -15, -4.5, 8.7 mm



0 dB = 7.893 V/m = 17.94 dBV/m

15_HAC RF LTE B41_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 = 3.033 V/m; Power Drift = 0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.14 dBV/m

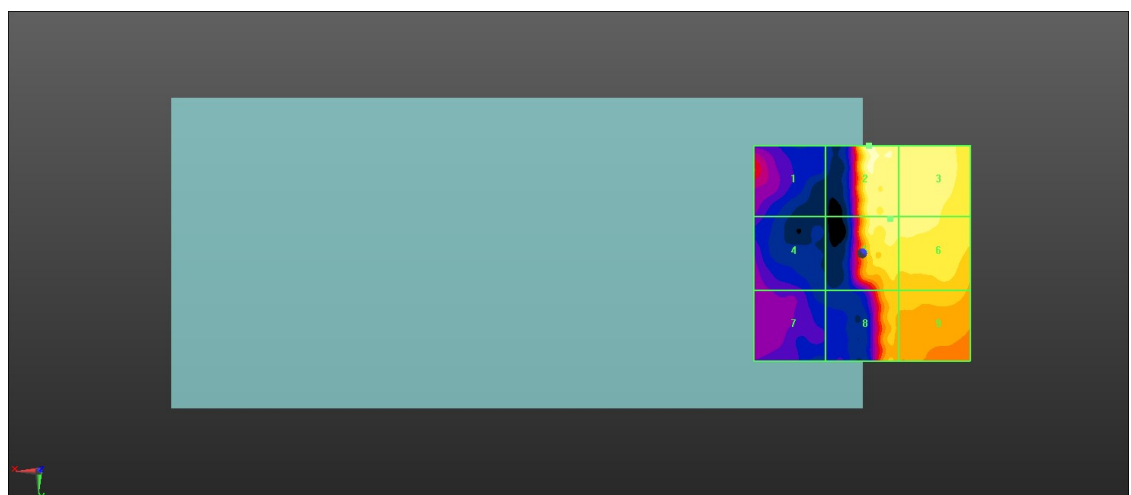
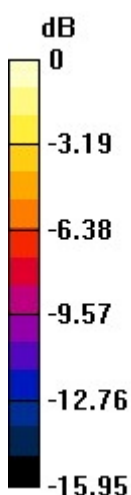
MIF scaled E-field

Grid 1 M4 12.91 dBV/m	Grid 2 M4 20.14 dBV/m	Grid 3 M4 18.84 dBV/m
Grid 4 M4 10.43 dBV/m	Grid 5 M4 18.63 dBV/m	Grid 6 M4 18.36 dBV/m
Grid 7 M4 10.53 dBV/m	Grid 8 M4 16.82 dBV/m	Grid 9 M4 16.65 dBV/m

Total = 20.14 dBV/m

E Category: M4

Location: -1.5, -25, 8.7 mm



0 dB = 10.17 V/m = 20.15 dBV/m

16_HAC RF LTE B41_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 = 7.805 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.17 dBV/m

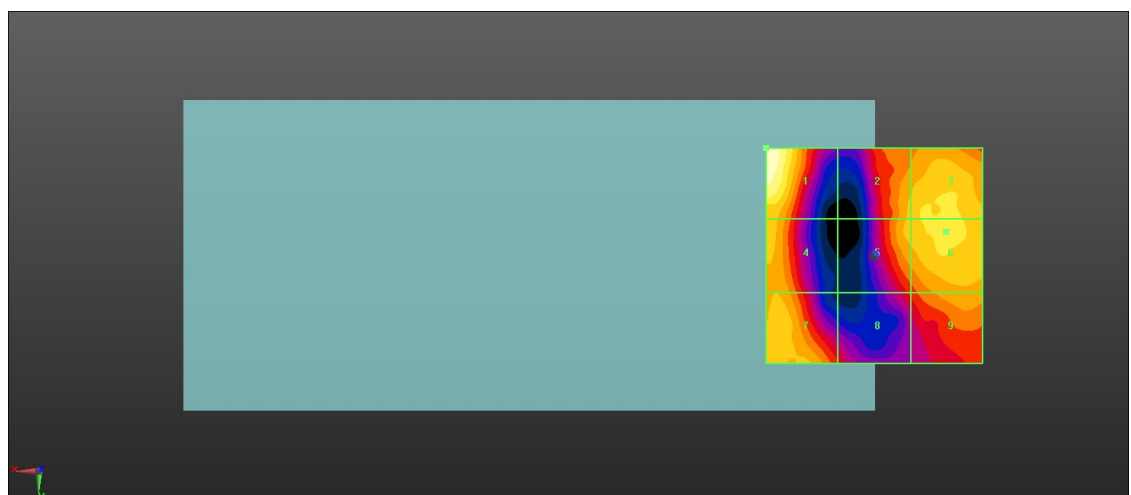
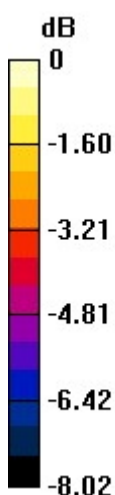
MIF scaled E-field

Grid 1 M4 19.17 dBV/m	Grid 2 M4 17.25 dBV/m	Grid 3 M4 17.64 dBV/m
Grid 4 M4 17.43 dBV/m	Grid 5 M4 17.26 dBV/m	Grid 6 M4 17.66 dBV/m
Grid 7 M4 17.58 dBV/m	Grid 8 M4 15.66 dBV/m	Grid 9 M4 16.89 dBV/m

Total = 19.17 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 9.088 V/m = 19.17 dBV/m

17_HAC RF LTE B41_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 = 7.027 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.97 dBV/m

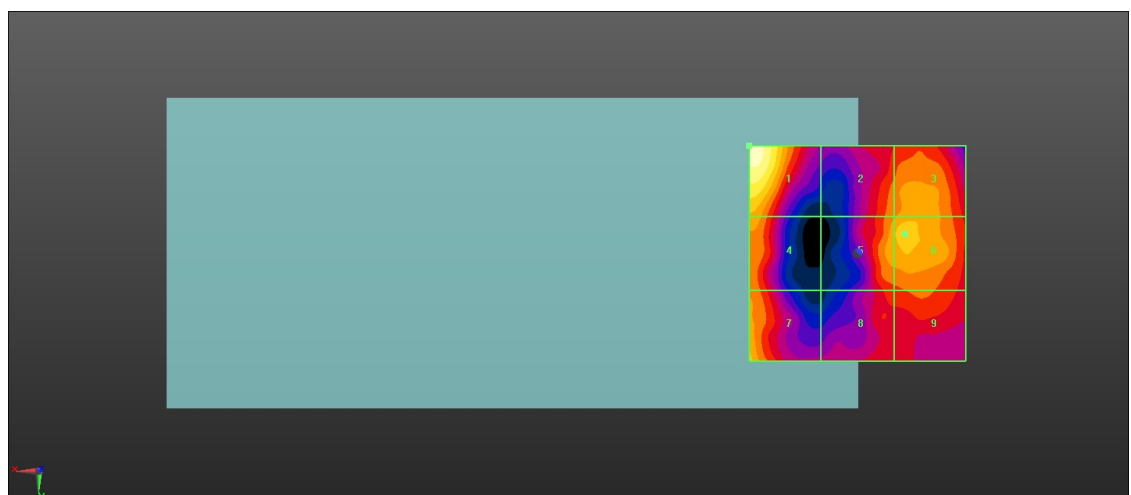
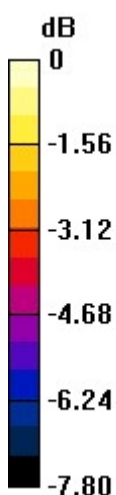
MIF scaled E-field

Grid 1 M4 17.97 dBV/m	Grid 2 M4 15.31 dBV/m	Grid 3 M4 15.84 dBV/m
Grid 4 M4 15.78 dBV/m	Grid 5 M4 15.8 dBV/m	Grid 6 M4 16.22 dBV/m
Grid 7 M4 16.14 dBV/m	Grid 8 M4 14.69 dBV/m	Grid 9 M4 15.03 dBV/m

Total = 17.97 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 7.914 V/m = 17.97 dBV/m

18_HAC RF LTE B42_20M_ANT 2_QPSK_1RB_0Offset_Ch42190

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3460 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)

Ch42190/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 = 28.48 V/m; Power Drift = -0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.03 dBV/m

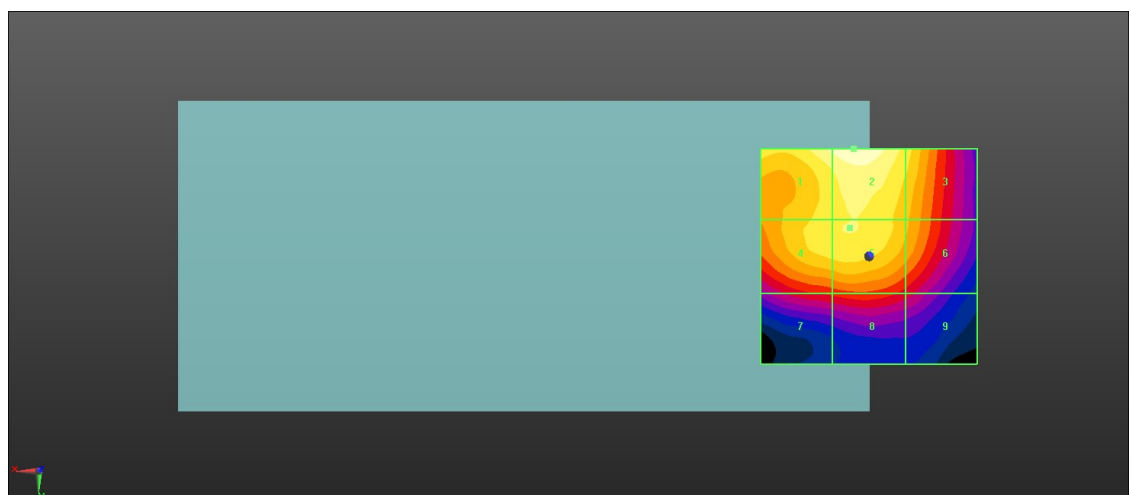
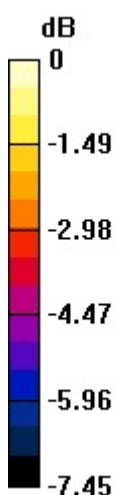
MIF scaled E-field

Grid 1 M4 25.73 dBV/m	Grid 2 M4 26.03 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 25 dBV/m	Grid 5 M4 25.07 dBV/m	Grid 6 M4 24.18 dBV/m
Grid 7 M4 22.75 dBV/m	Grid 8 M4 22.99 dBV/m	Grid 9 M4 22.35 dBV/m

Total = 26.03 dBV/m

E Category: M4

Location: 3.5, -25, 8.7 mm



0 dB = 20.03 V/m = 26.03 dBV/m

19_HAC RF LTE B42_20M_ANT 2_QPSK_1RB_0Offset_Ch42590

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3500 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)

Ch42590/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 = 27.90 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.00 dBV/m

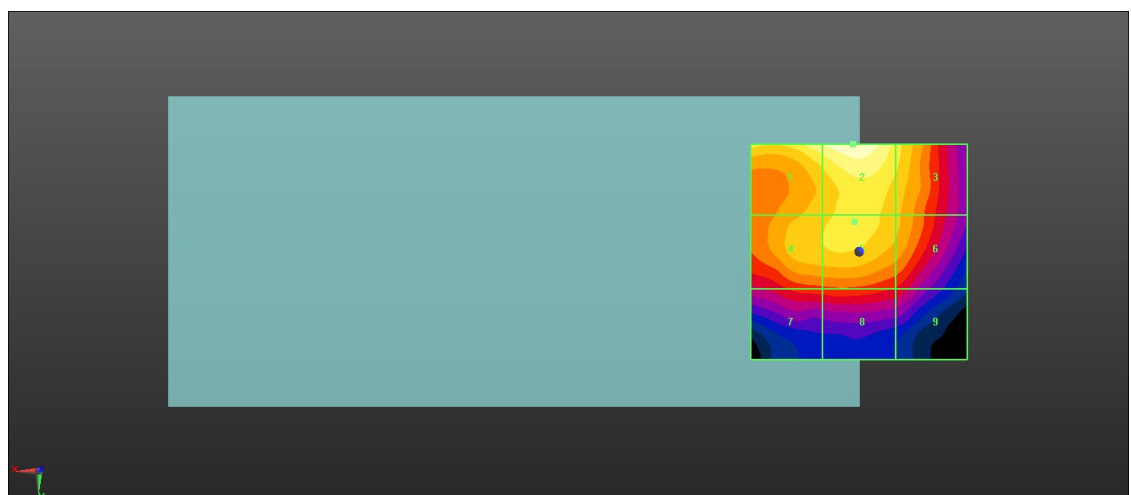
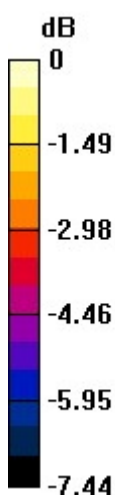
MIF scaled E-field

Grid 1 M4 25.55 dBV/m	Grid 2 M4 26 dBV/m	Grid 3 M4 24.82 dBV/m
Grid 4 M4 24.53 dBV/m	Grid 5 M4 24.69 dBV/m	Grid 6 M4 24.17 dBV/m
Grid 7 M4 22.9 dBV/m	Grid 8 M4 23 dBV/m	Grid 9 M4 22.5 dBV/m

Total = 26.00 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 19.95 V/m = 26.00 dBV/m

20_HAC RF LTE B42_20M_ANT 2_QPSK_1RB_0Offset_Ch42990

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM);
Frequency: 3540 MHz; Duty Cycle: 1:8.87156

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)

Ch42990/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 = 29.80 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 26.13 dBV/m

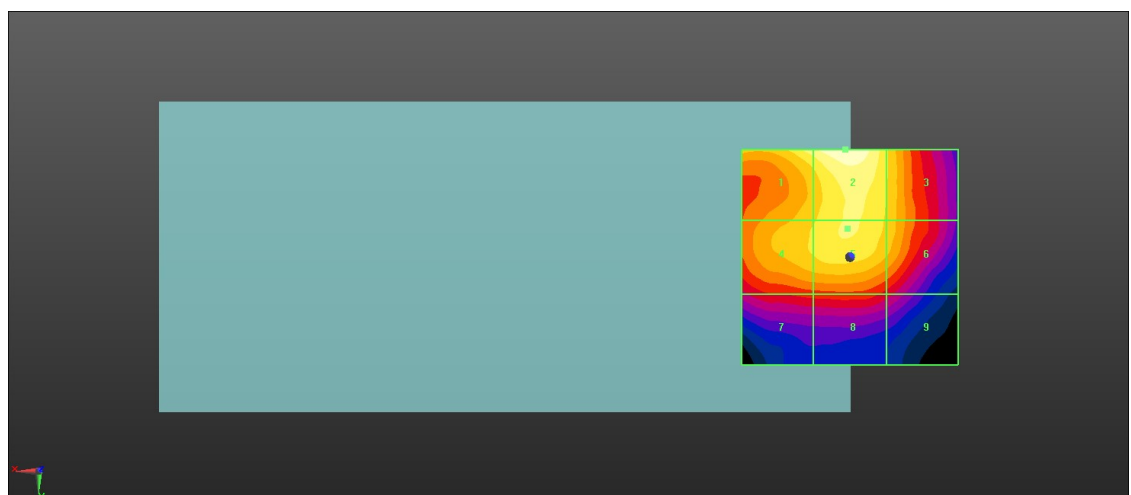
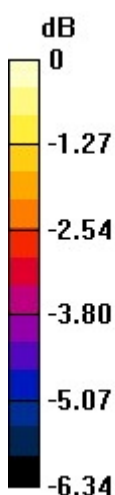
MIF scaled E-field

Grid 1 M4 25.61 dBV/m	Grid 2 M4 26.13 dBV/m	Grid 3 M4 24.93 dBV/m
Grid 4 M4 24.94 dBV/m	Grid 5 M4 25.33 dBV/m	Grid 6 M4 24.78 dBV/m
Grid 7 M4 23.4 dBV/m	Grid 8 M4 23.5 dBV/m	Grid 9 M4 22.98 dBV/m

Total = 26.13 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 20.24 V/m = 26.12 dBV/m

24_HAC RF WLAN2.4GHz_Ant 6+3_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: 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)

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 = 17.52 V/m; Power Drift = -0.13 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.77 dBV/m

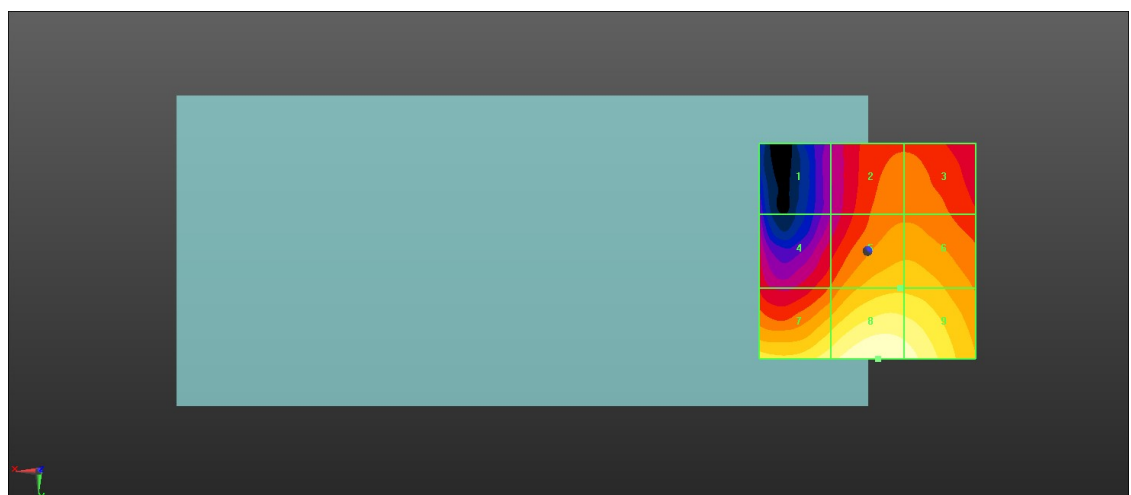
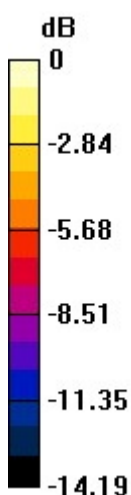
MIF scaled E-field

Grid 1 M4 18.29 dBV/m	Grid 2 M4 21.95 dBV/m	Grid 3 M4 21.96 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 23.76 dBV/m	Grid 6 M4 23.76 dBV/m
Grid 7 M4 25.53 dBV/m	Grid 8 M4 26.77 dBV/m	Grid 9 M4 26.36 dBV/m

Total = 26.77 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 21.81 V/m = 26.77 dBV/m

25_HAC RF WLAN2.4GHz_Ant 6+3_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: 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)

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 = 18.34 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.04 dBV/m

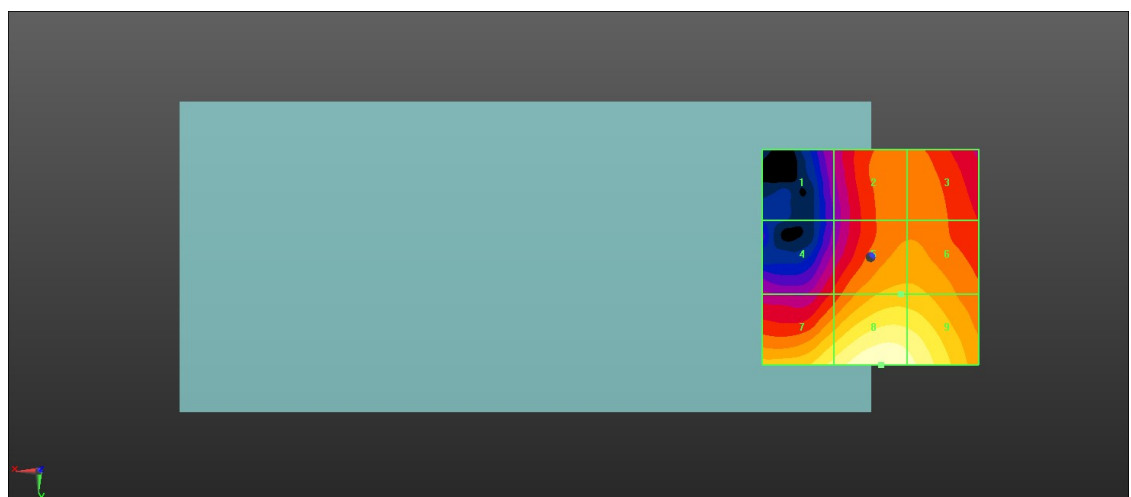
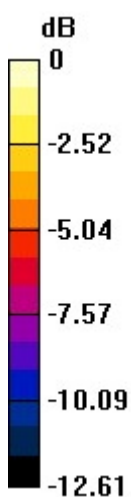
MIF scaled E-field

Grid 1 M4 19.77 dBV/m	Grid 2 M4 22.73 dBV/m	Grid 3 M4 22.74 dBV/m
Grid 4 M4 21.46 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 24.01 dBV/m
Grid 7 M4 25.69 dBV/m	Grid 8 M4 27.04 dBV/m	Grid 9 M4 26.53 dBV/m

Total = 27.04 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 22.50 V/m = 27.04 dBV/m

26_HAC RF WLAN2.4GHz_Ant 6+3_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: 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)

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 = 15.24 V/m; Power Drift = 0.09 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.00 dBV/m

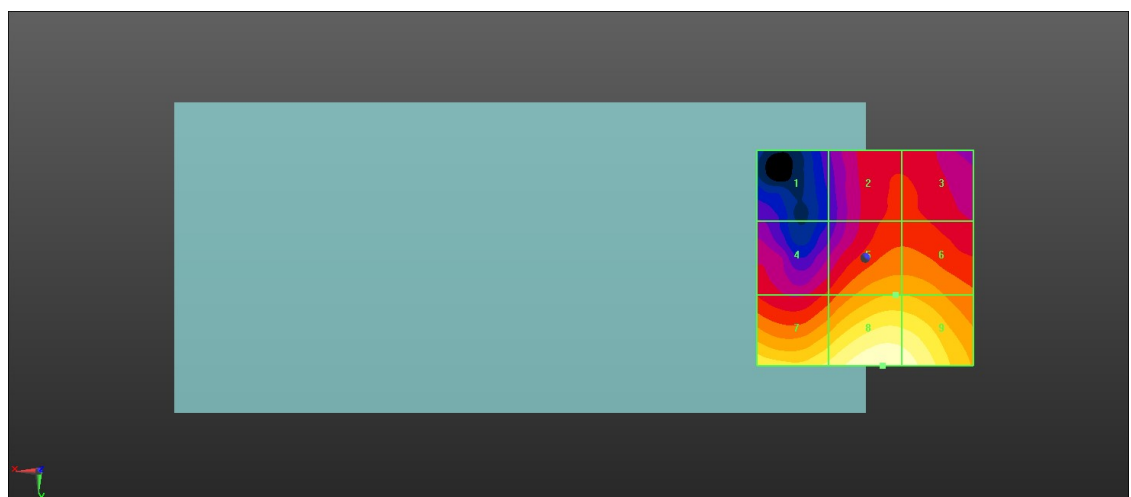
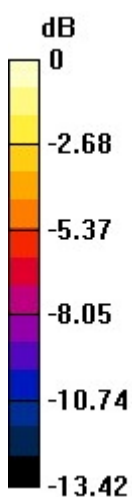
MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 21.03 dBV/m	Grid 3 M4 21.02 dBV/m
Grid 4 M4 21.04 dBV/m	Grid 5 M4 23.46 dBV/m	Grid 6 M4 23.44 dBV/m
Grid 7 M4 25.51 dBV/m	Grid 8 M4 27 dBV/m	Grid 9 M4 26.69 dBV/m

Total = 27.00 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 22.40 V/m = 27.00 dBV/m