

01_HAC RF_GSM850_GSM Voice_Ch128_E

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

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 22.30 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.90 dBV/m

Emission category: M4

MIF scaled E-field

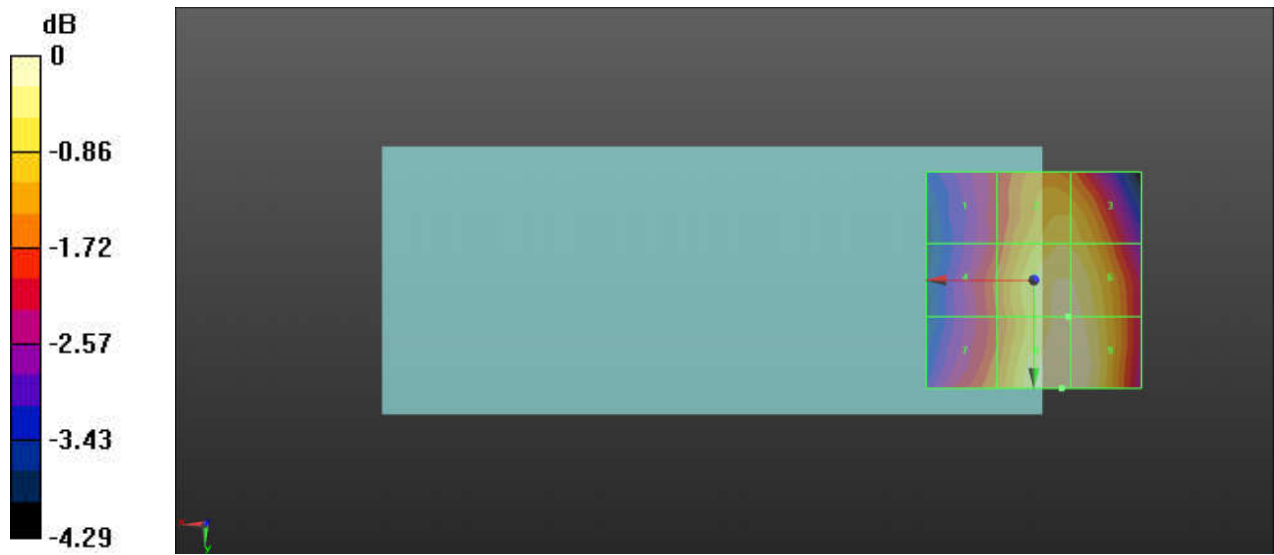
Grid 1 M4 26.92 dBV/m	Grid 2 M4 28.32 dBV/m	Grid 3 M4 28.27 dBV/m
Grid 4 M4 27.31 dBV/m	Grid 5 M4 28.74 dBV/m	Grid 6 M4 28.74 dBV/m
Grid 7 M4 27.58 dBV/m	Grid 8 M4 28.9 dBV/m	Grid 9 M4 28.88 dBV/m

Cursor:

Total = 28.90 dBV/m

E Category: M4

Location: -6.5, 25, 7.7 mm



0 dB = 27.85 V/m = 28.90 dBV/m

02_HAC RF_GSM850_GSM Voice_Ch189_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 24.14 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.34 dBV/m

Emission category: M4

MIF scaled E-field

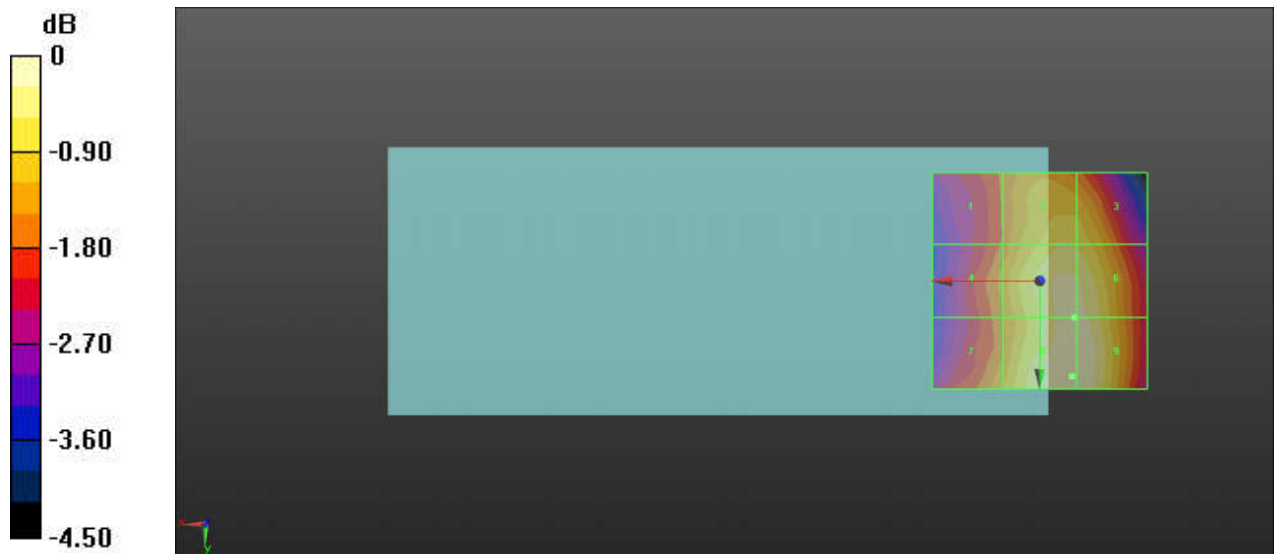
Grid 1 M4 27.64 dBV/m	Grid 2 M4 28.77 dBV/m	Grid 3 M4 28.71 dBV/m
Grid 4 M4 27.99 dBV/m	Grid 5 M4 29.17 dBV/m	Grid 6 M4 29.17 dBV/m
Grid 7 M4 28.17 dBV/m	Grid 8 M4 29.34 dBV/m	Grid 9 M4 29.34 dBV/m

Cursor:

Total = 29.34 dBV/m

E Category: M4

Location: -7.5, 22, 7.7 mm



0 dB = 29.33 V/m = 29.35 dBV/m

03_HAC RF_GSM850_GSM Voice_Ch251_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 29.86 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.58 dBV/m

Emission category: M4

MIF scaled E-field

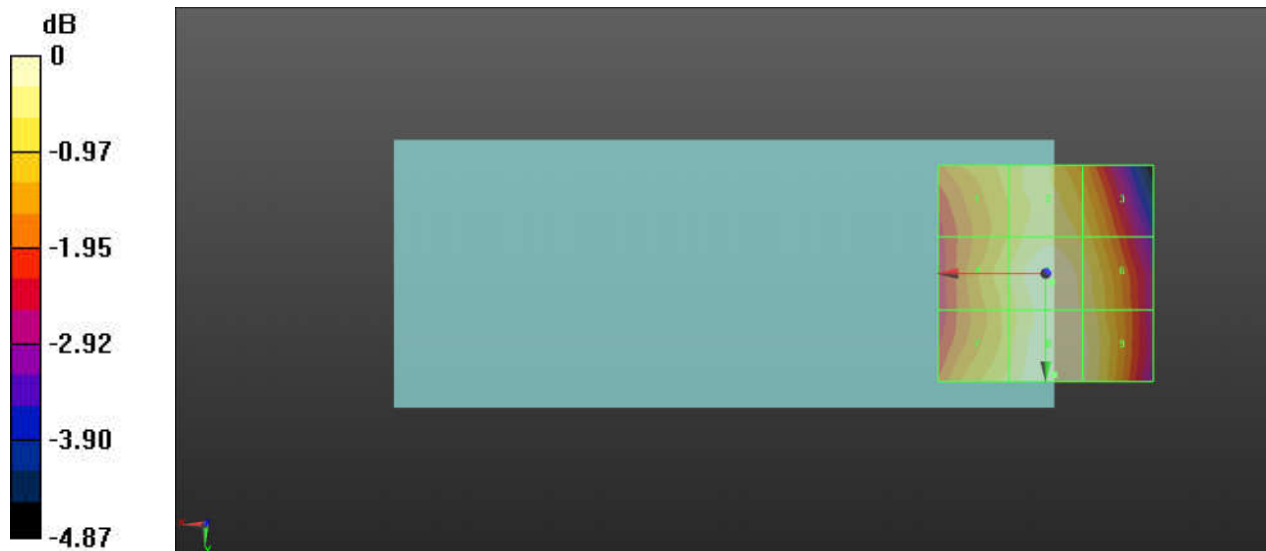
Grid 1 M4 29.76 dBV/m	Grid 2 M4 30.16 dBV/m	Grid 3 M4 29.85 dBV/m
Grid 4 M4 29.94 dBV/m	Grid 5 M4 30.48 dBV/m	Grid 6 M4 30.24 dBV/m
Grid 7 M4 30.07 dBV/m	Grid 8 M4 30.58 dBV/m	Grid 9 M4 30.36 dBV/m

Cursor:

Total = 30.58 dBV/m

E Category: M4

Location: -2, 23.5, 7.7 mm



0 dB = 33.80 V/m = 30.58 dBV/m

04_HAC RF_GSM1900_GSM Voice_Ch512_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 16.96 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.32 dBV/m

Emission category: M3

MIF scaled E-field

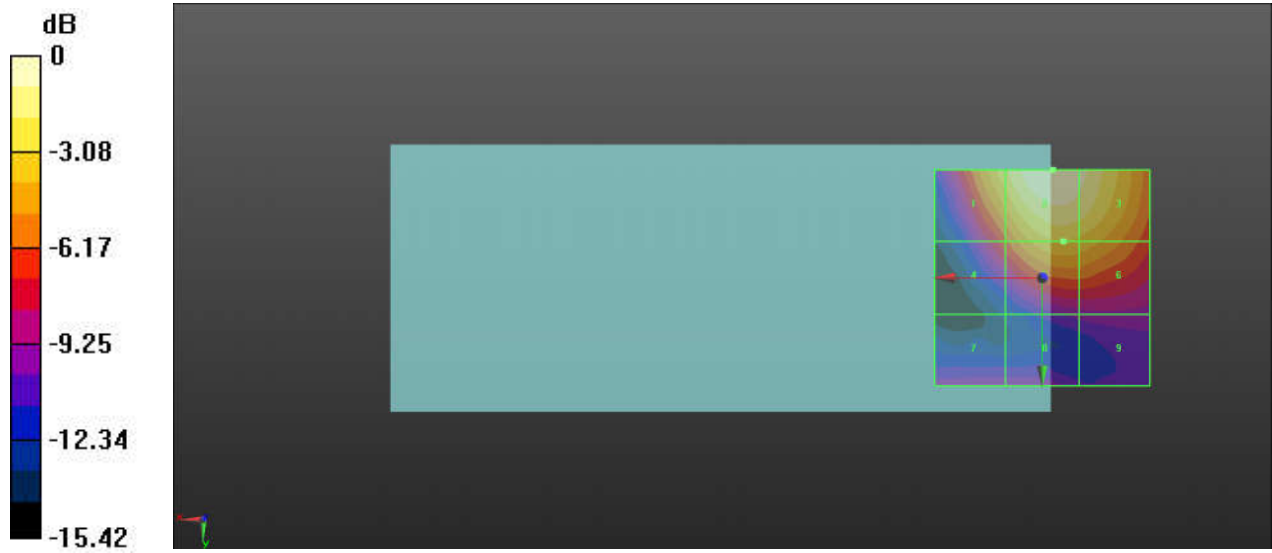
Grid 1 M4 29.62 dBV/m	Grid 2 M3 30.32 dBV/m	Grid 3 M3 29.63 dBV/m
Grid 4 M4 24.97 dBV/m	Grid 5 M4 29.82 dBV/m	Grid 6 M4 28.22 dBV/m
Grid 7 M4 24.51 dBV/m	Grid 8 M4 25.53 dBV/m	Grid 9 M4 23.23 dBV/m

Cursor:

Total = 30.32 dBV/m

E Category: M3

Location: -1.5, -25, 7.7 mm



0 dB = 33.79 V/m = 30.32 dBV/m

05_HAC RF_GSM1900_GSM Voice_Ch661_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 16.76 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.45 dBV/m

Emission category: M3

MIF scaled E-field

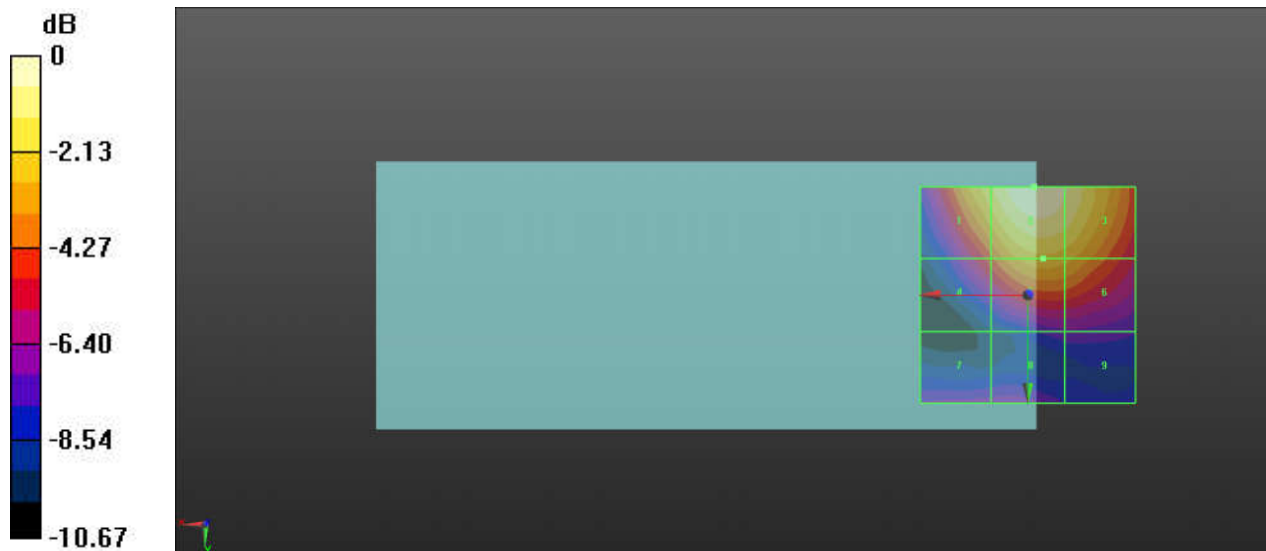
Grid 1 M4 29.02 dBV/m	Grid 2 M3 30.45 dBV/m	Grid 3 M4 29.9 dBV/m
Grid 4 M4 26.03 dBV/m	Grid 5 M4 28.12 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 23.81 dBV/m	Grid 8 M4 23.86 dBV/m	Grid 9 M4 23.25 dBV/m

Cursor:

Total = 30.45 dBV/m

E Category: M3

Location: -1.5, -25, 7.7 mm



0 dB = 33.30 V/m = 30.45 dBV/m

06_HAC RF_GSM1900_GSM Voice_Ch810_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 17.32 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.65 dBV/m

Emission category: M3

MIF scaled E-field

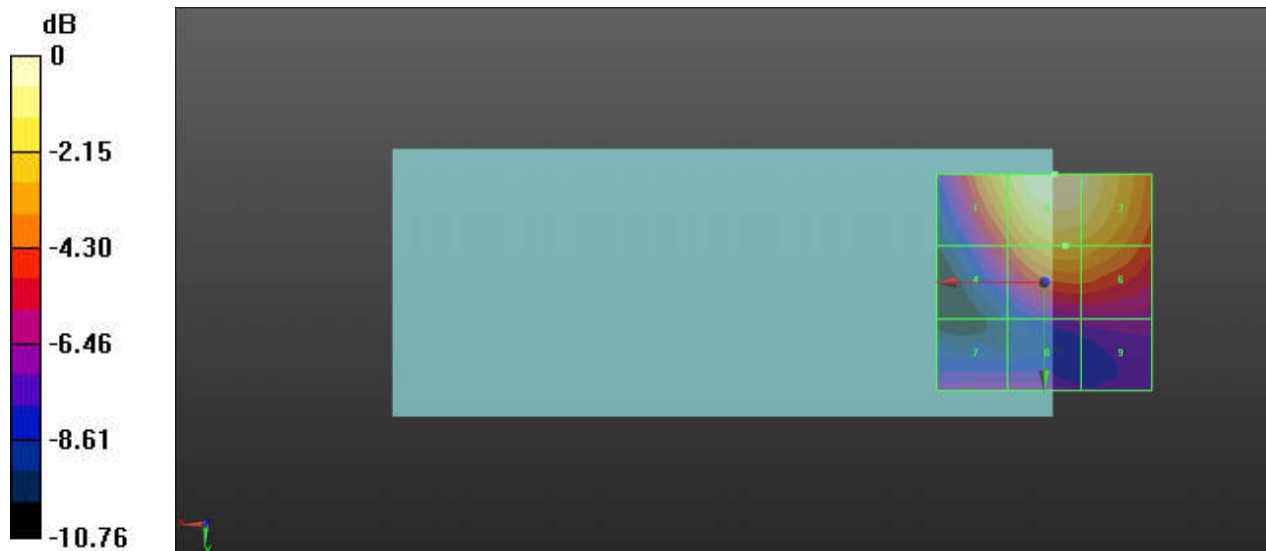
Grid 1 M4 29.1 dBV/m	Grid 2 M3 30.65 dBV/m	Grid 3 M3 30.21 dBV/m
Grid 4 M4 26.21 dBV/m	Grid 5 M4 28.55 dBV/m	Grid 6 M4 28.32 dBV/m
Grid 7 M4 24.28 dBV/m	Grid 8 M4 24.27 dBV/m	Grid 9 M4 24 dBV/m

Cursor:

Total = 30.65 dBV/m

E Category: M3

Location: -2.5, -25, 7.7 mm



0 dB = 34.06 V/m = 30.64 dBV/m

07_HAC RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch39750_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 20.88 V/m; Power Drift = -0.06 dB
 Applied MIF = -1.44 dB
 RF audio interference level = 24.72 dBV/m

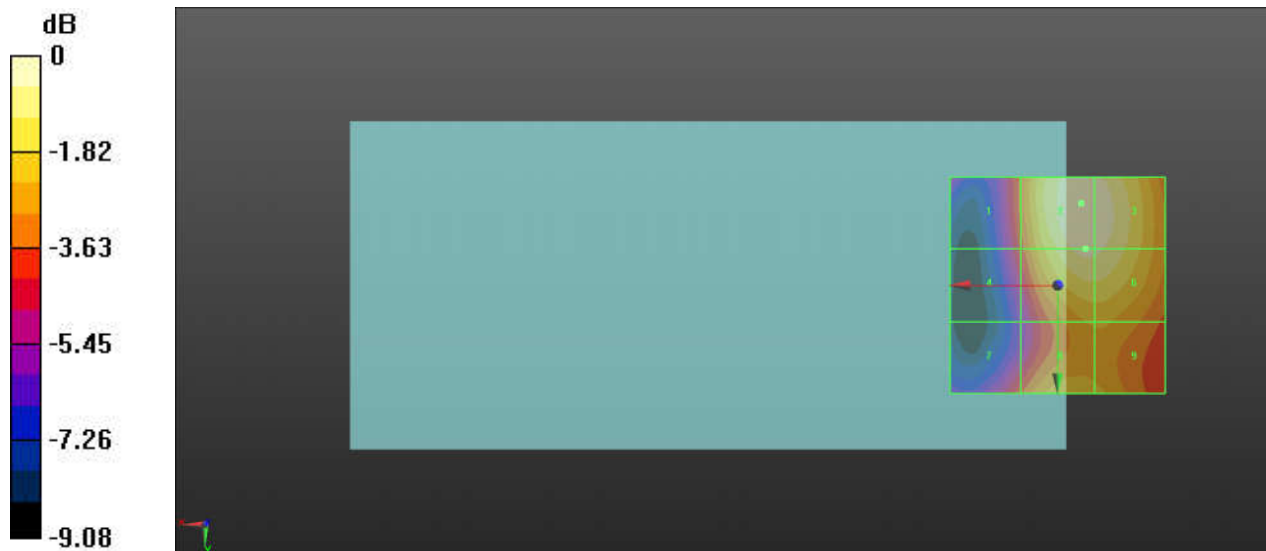
Emission category: M4

MIF scaled E-field

Grid 1 M4 21.4 dBV/m	Grid 2 M4 24.72 dBV/m	Grid 3 M4 24.59 dBV/m
Grid 4 M4 20.79 dBV/m	Grid 5 M4 24.32 dBV/m	Grid 6 M4 24.25 dBV/m
Grid 7 M4 21.1 dBV/m	Grid 8 M4 22.85 dBV/m	Grid 9 M4 22.57 dBV/m

Cursor:

Total = 24.72 dBV/m
 E Category: M4
 Location: -5.5, -19, 7.7 mm



0 dB = 17.22 V/m = 24.72 dBV/m

08_HAC_RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40185_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 16.66 V/m; Power Drift = 0.03 dB
 Applied MIF = -1.44 dB
 RF audio interference level = 23.37 dBV/m

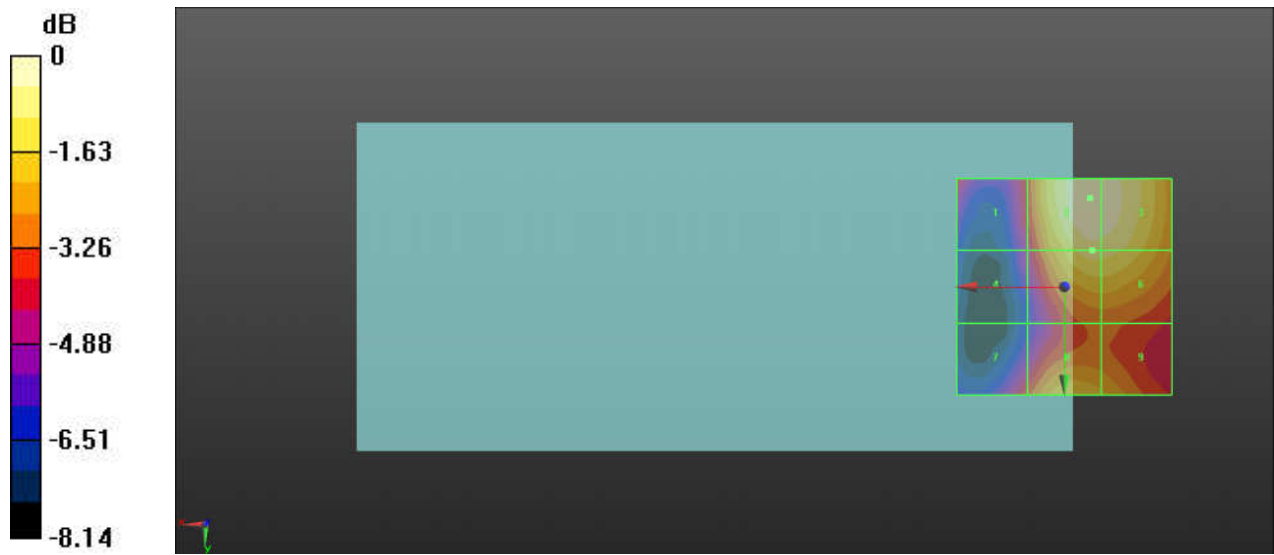
Emission category: M4

MIF scaled E-field

Grid 1 M4 19.86 dBV/m	Grid 2 M4 23.37 dBV/m	Grid 3 M4 23.24 dBV/m
Grid 4 M4 18.85 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 22.52 dBV/m
Grid 7 M4 20.03 dBV/m	Grid 8 M4 21.8 dBV/m	Grid 9 M4 21.39 dBV/m

Cursor:

Total = 23.37 dBV/m
 E Category: M4
 Location: -6, -20.5, 7.7 mm



0 dB = 14.74 V/m = 23.37 dBV/m

09_HAC RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40620_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 12.51 V/m; Power Drift = 0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.81 dBV/m

Emission category: M4

MIF scaled E-field

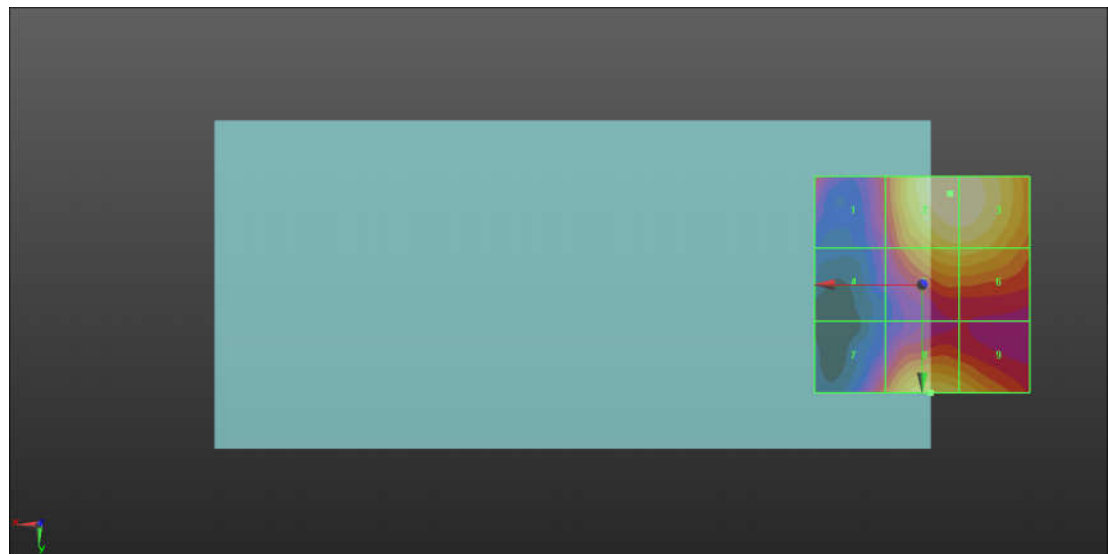
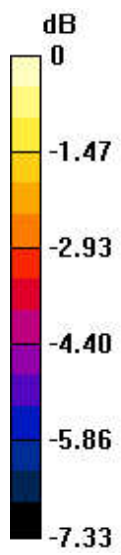
Grid 1 M4 18.67 dBV/m	Grid 2 M4 21.81 dBV/m	Grid 3 M4 21.75 dBV/m
Grid 4 M4 17.48 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 19.01 dBV/m	Grid 8 M4 20.92 dBV/m	Grid 9 M4 20.54 dBV/m

Cursor:

Total = 21.81 dBV/m

E Category: M4

Location: -6.5, -21, 7.7 mm



0 dB = 12.32 V/m = 21.81 dBV/m

10_HAC_RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41055_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 9.347 V/m; Power Drift = -0.05 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.50 dBV/m

Emission category: M4

MIF scaled E-field

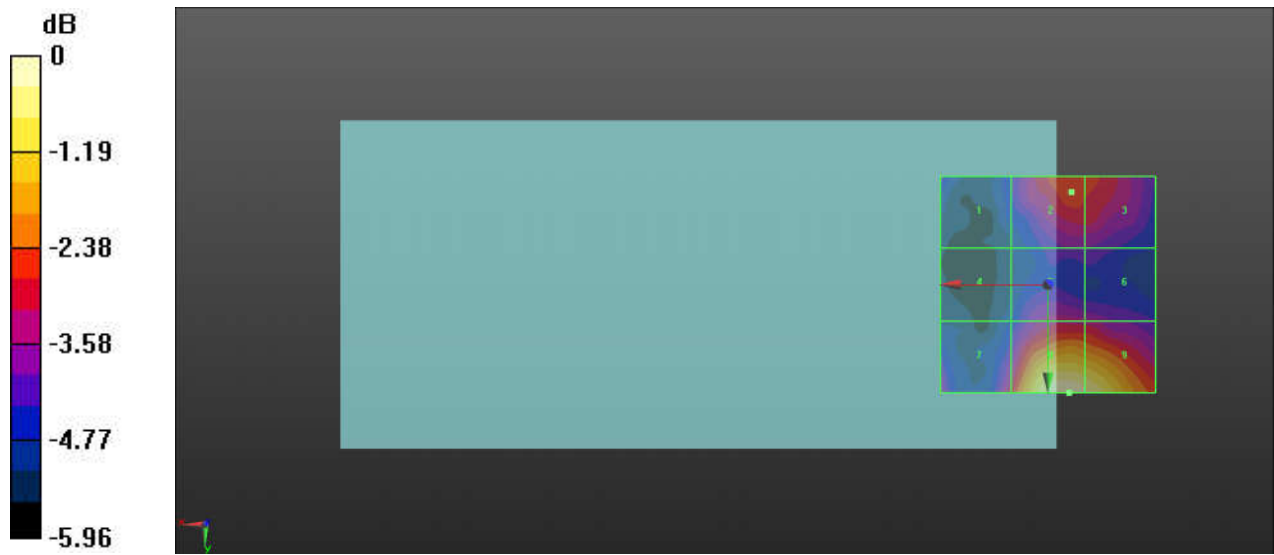
Grid 1 M4 16.5 dBV/m	Grid 2 M4 17.97 dBV/m	Grid 3 M4 17.92 dBV/m
Grid 4 M4 15.82 dBV/m	Grid 5 M4 17.22 dBV/m	Grid 6 M4 17.12 dBV/m
Grid 7 M4 17.63 dBV/m	Grid 8 M4 20.5 dBV/m	Grid 9 M4 20.26 dBV/m

Cursor:

Total = 20.50 dBV/m

E Category: M4

Location: -5, 25, 7.7 mm



0 dB = 10.59 V/m = 20.50 dBV/m

11_HAC RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41490_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.27 V/m; Power Drift = 0.12 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.73 dBV/m

Emission category: M4

MIF scaled E-field

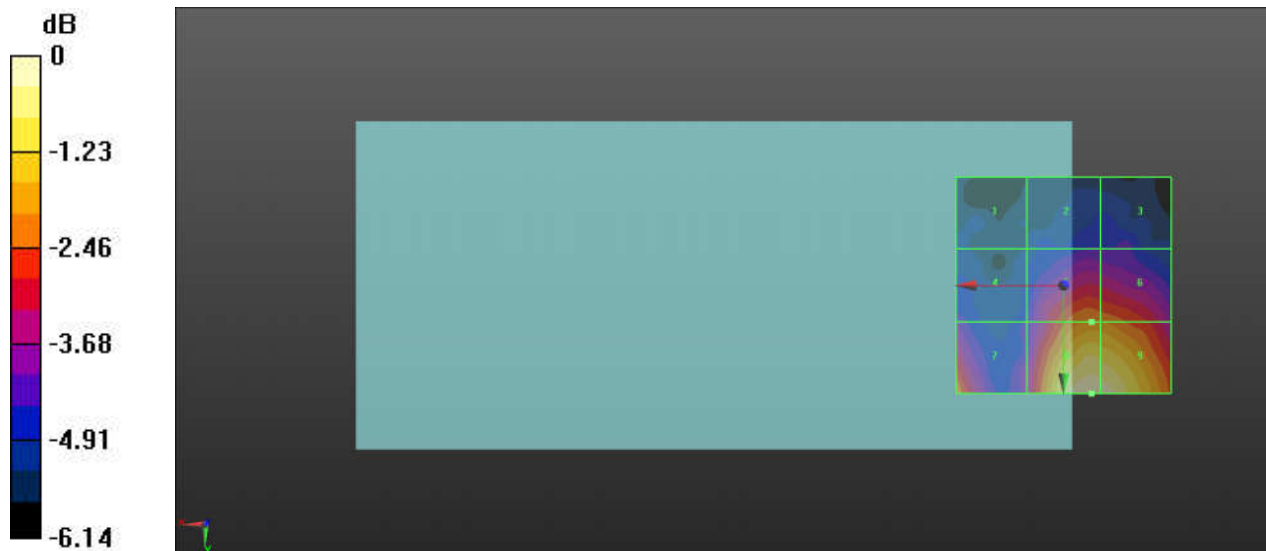
Grid 1 M4 15.61 dBV/m	Grid 2 M4 16.27 dBV/m	Grid 3 M4 16.36 dBV/m
Grid 4 M4 16.69 dBV/m	Grid 5 M4 18.79 dBV/m	Grid 6 M4 18.72 dBV/m
Grid 7 M4 18.97 dBV/m	Grid 8 M4 20.73 dBV/m	Grid 9 M4 20.63 dBV/m

Cursor:

Total = 20.73 dBV/m

E Category: M4

Location: -6.5, 25, 7.7 mm



0 dB = 10.87 V/m = 20.72 dBV/m

12_HAC RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch39750_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 23.81 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 25.91 dBV/m

Emission category: M4

MIF scaled E-field

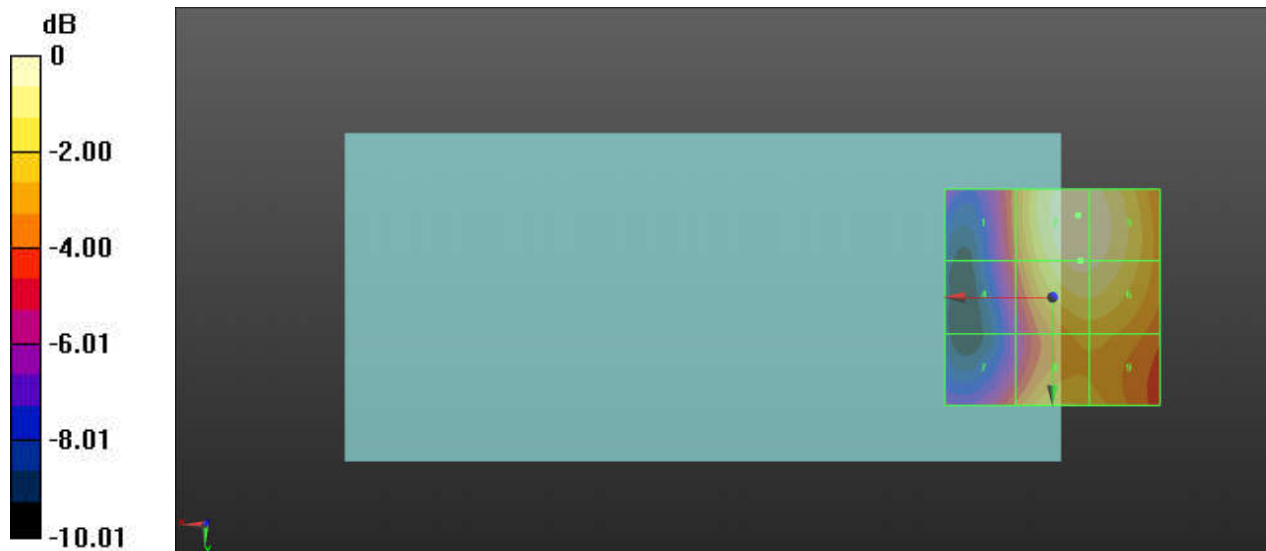
Grid 1 M4 22.48 dBV/m	Grid 2 M4 25.91 dBV/m	Grid 3 M4 25.81 dBV/m
Grid 4 M4 21.82 dBV/m	Grid 5 M4 25.51 dBV/m	Grid 6 M4 25.46 dBV/m
Grid 7 M4 22.18 dBV/m	Grid 8 M4 24.05 dBV/m	Grid 9 M4 23.72 dBV/m

Cursor:

Total = 25.91 dBV/m

E Category: M4

Location: -6, -19, 7.7 mm



0 dB = 19.76 V/m = 25.92 dBV/m

13_HAC RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40185_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 19.10 V/m; Power Drift = 0.05 dB
 Applied MIF = -1.44 dB
 RF audio interference level = 24.65 dBV/m

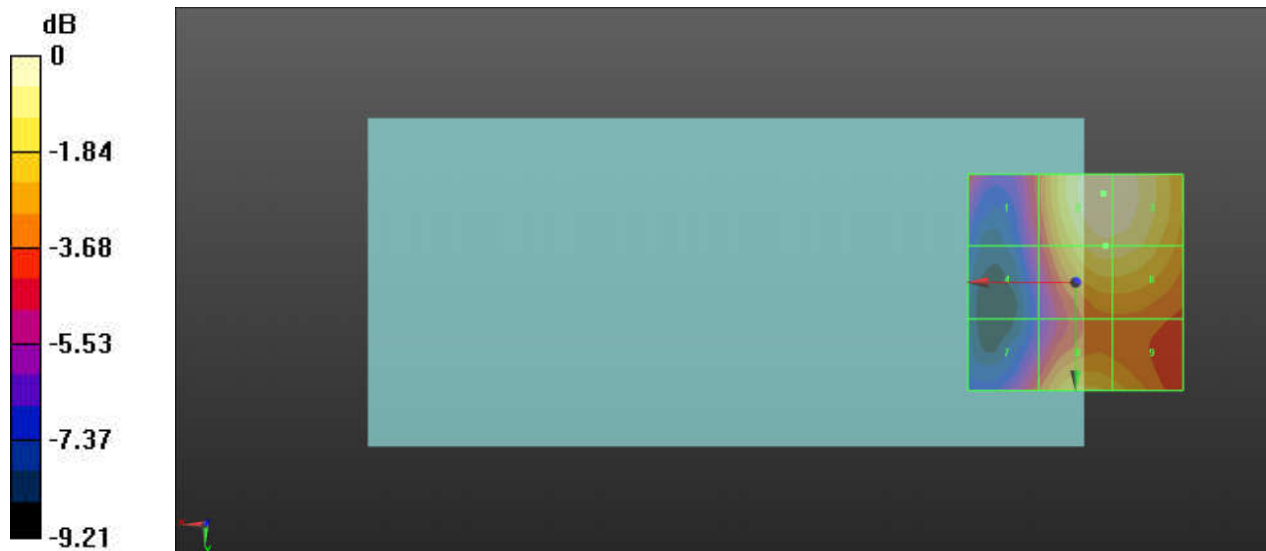
Emission category: M4

MIF scaled E-field

Grid 1 M4 20.87 dBV/m	Grid 2 M4 24.65 dBV/m	Grid 3 M4 24.57 dBV/m
Grid 4 M4 19.87 dBV/m	Grid 5 M4 23.84 dBV/m	Grid 6 M4 23.8 dBV/m
Grid 7 M4 21 dBV/m	Grid 8 M4 23.02 dBV/m	Grid 9 M4 22.63 dBV/m

Cursor:

Total = 24.65 dBV/m
 E Category: M4
 Location: -6.5, -20.5, 7.7 mm



0 dB = 17.08 V/m = 24.65 dBV/m

14_HAC_RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch40620_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 14.31 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 22.94 dBV/m

Emission category: M4

MIF scaled E-field

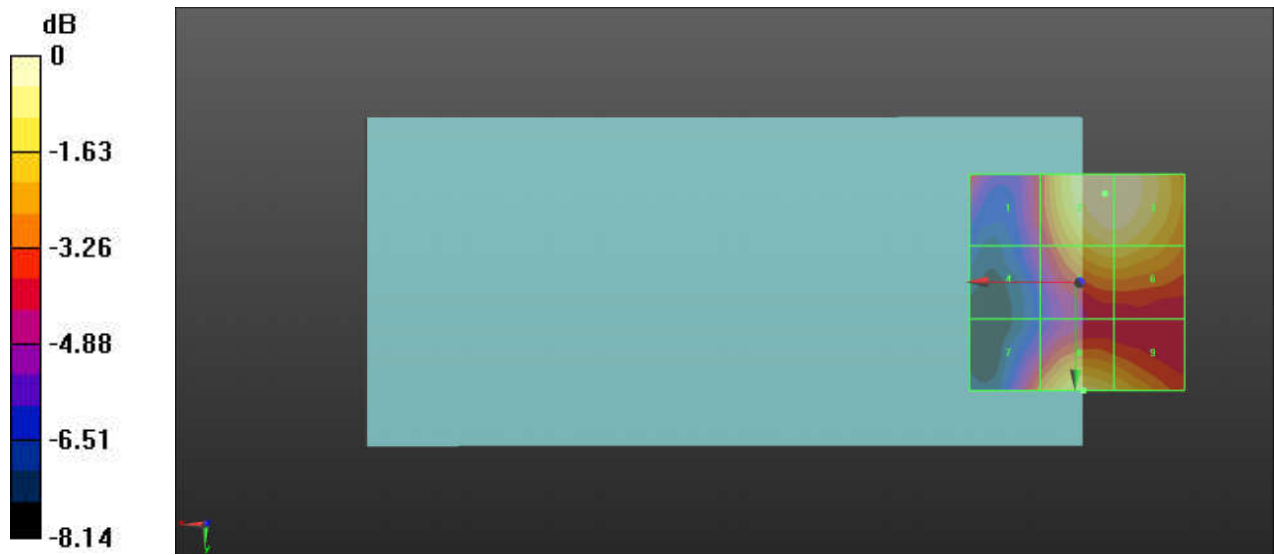
Grid 1 M4 19.69 dBV/m	Grid 2 M4 22.94 dBV/m	Grid 3 M4 22.89 dBV/m
Grid 4 M4 18.38 dBV/m	Grid 5 M4 21.83 dBV/m	Grid 6 M4 21.83 dBV/m
Grid 7 M4 20.14 dBV/m	Grid 8 M4 22.09 dBV/m	Grid 9 M4 21.54 dBV/m

Cursor:

Total = 22.94 dBV/m

E Category: M4

Location: -6.5, -20.5, 7.7 mm



0 dB = 14.02 V/m = 22.93 dBV/m

15_HAC_RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41055_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.14 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.58 dBV/m

Emission category: M4

MIF scaled E-field

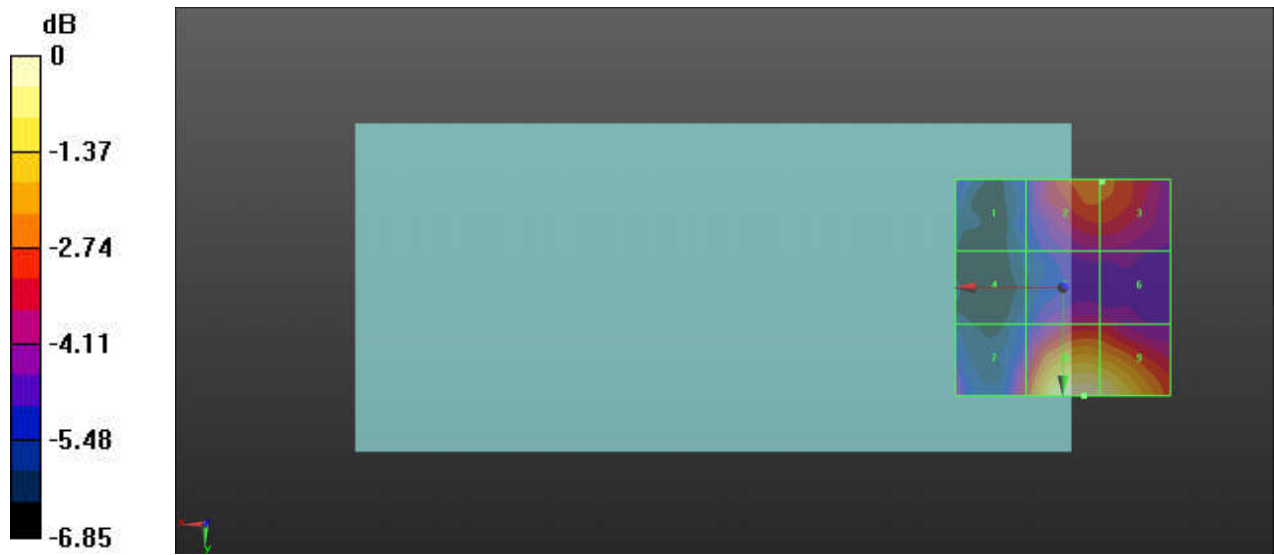
Grid 1 M4 17.28 dBV/m	Grid 2 M4 19.03 dBV/m	Grid 3 M4 19.03 dBV/m
Grid 4 M4 16.3 dBV/m	Grid 5 M4 18.06 dBV/m	Grid 6 M4 17.98 dBV/m
Grid 7 M4 18.48 dBV/m	Grid 8 M4 21.58 dBV/m	Grid 9 M4 21.33 dBV/m

Cursor:

Total = 21.58 dBV/m

E Category: M4

Location: -5, 25, 7.7 mm



0 dB = 12.00 V/m = 21.58 dBV/m

16_HAC_RF_LTE Band 41_20M_QPSK_1RB_49Offset_Ch41490_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 11.59 V/m; Power Drift = -0.11 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.67 dBV/m

Emission category: M4

MIF scaled E-field

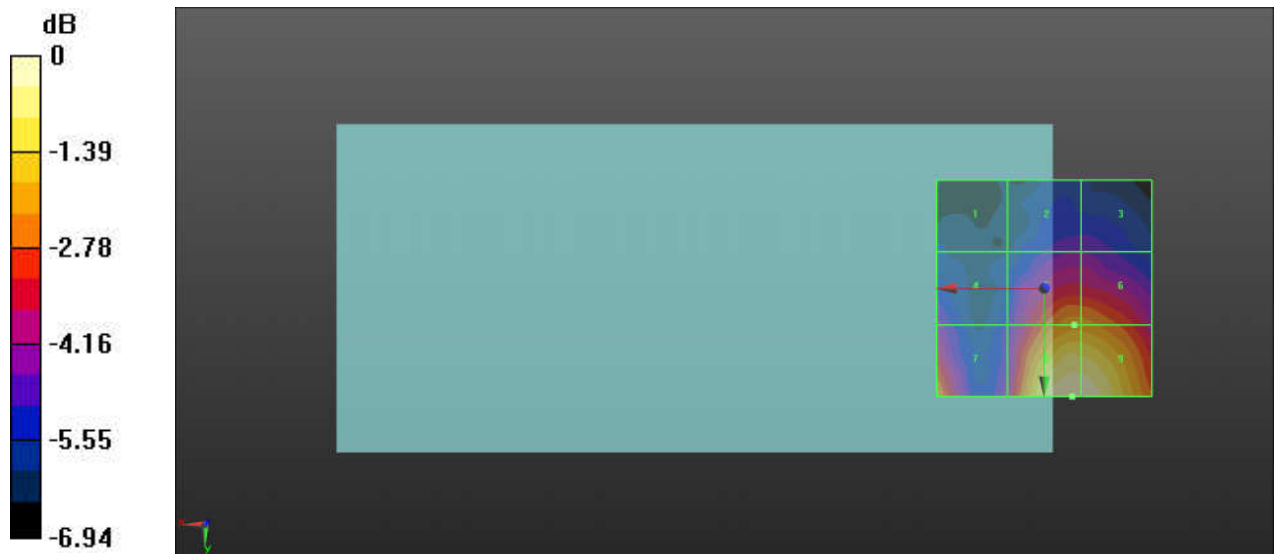
Grid 1 M4 15.82 dBV/m	Grid 2 M4 17.05 dBV/m	Grid 3 M4 17.03 dBV/m
Grid 4 M4 17.39 dBV/m	Grid 5 M4 19.67 dBV/m	Grid 6 M4 19.64 dBV/m
Grid 7 M4 19.85 dBV/m	Grid 8 M4 21.67 dBV/m	Grid 9 M4 21.61 dBV/m

Cursor:

Total = 21.67 dBV/m

E Category: M4

Location: -6.5, 25, 7.7 mm



0 dB = 12.12 V/m = 21.67 dBV/m

17_HAC_RF_WLAN_2.4G_802.11g_6Mbps_Ch1_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 25.32 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.91 dBV/m

Emission category: M3

MIF scaled E-field

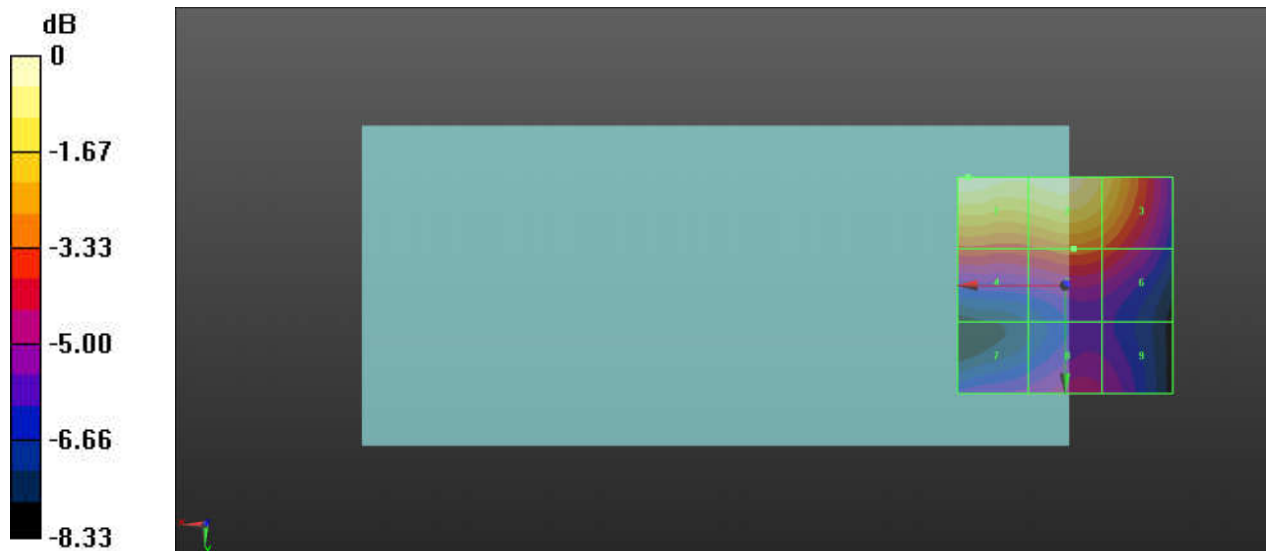
Grid 1 M3 30.91 dBV/m	Grid 2 M3 30.75 dBV/m	Grid 3 M4 29.81 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 27.93 dBV/m	Grid 6 M4 27.57 dBV/m
Grid 7 M4 25.64 dBV/m	Grid 8 M4 26.3 dBV/m	Grid 9 M4 26.01 dBV/m

Cursor:

Total = 30.91 dBV/m

E Category: M3

Location: 22.5, -25, 7.7 mm



0 dB = 35.12 V/m = 30.91 dBV/m

18_HAC_RF_WLAN_2.4G_802.11g_6Mbps_Ch6_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 27.22 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.64 dBV/m

Emission category: M3

MIF scaled E-field

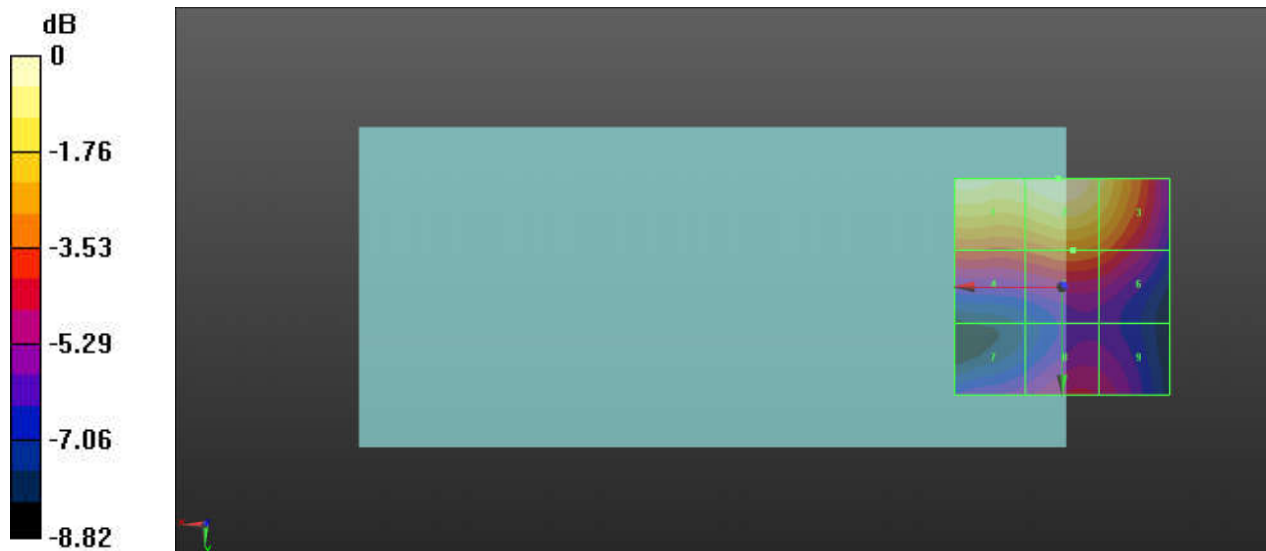
Grid 1 M3 31.46 dBV/m	Grid 2 M3 31.64 dBV/m	Grid 3 M3 30.74 dBV/m
Grid 4 M4 28.18 dBV/m	Grid 5 M4 28.77 dBV/m	Grid 6 M4 28.41 dBV/m
Grid 7 M4 26.21 dBV/m	Grid 8 M4 27.13 dBV/m	Grid 9 M4 26.92 dBV/m

Cursor:

Total = 31.64 dBV/m

E Category: M3

Location: 1, -25, 7.7 mm



0 dB = 38.21 V/m = 31.64 dBV/m

19_HAC_RF_WLAN_2.4G_802.11g_6Mbps_Ch11_E

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 : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 23.55 V/m; Power Drift = -0.13 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.35 dBV/m

Emission category: M3

MIF scaled E-field

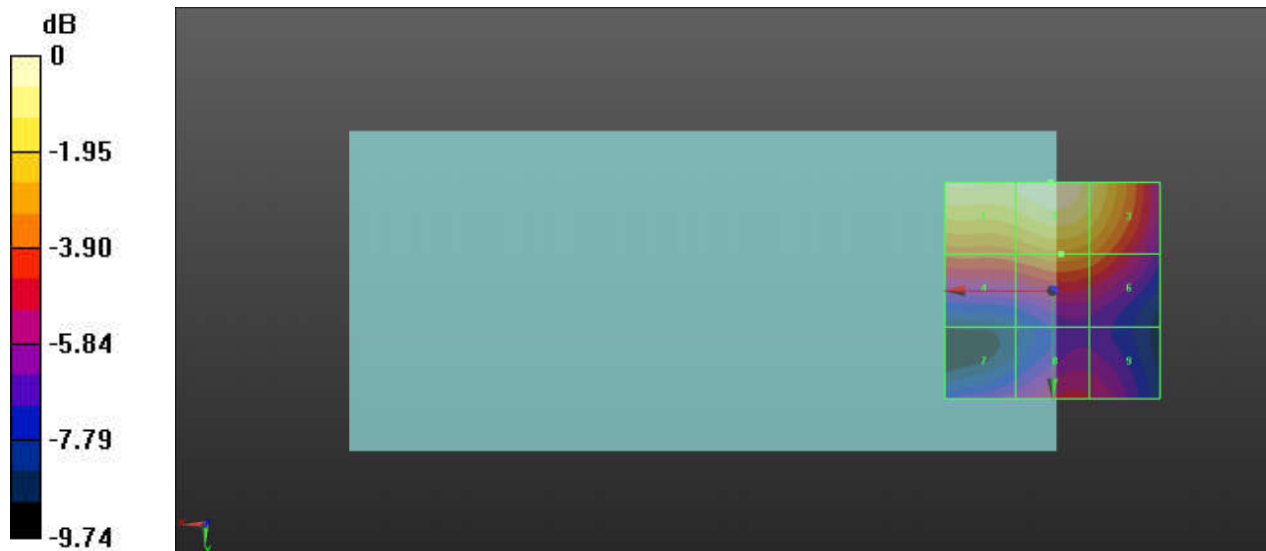
Grid 1 M4 29.85 dBV/m	Grid 2 M3 30.35 dBV/m	Grid 3 M4 29.44 dBV/m
Grid 4 M4 26.92 dBV/m	Grid 5 M4 27.58 dBV/m	Grid 6 M4 27.19 dBV/m
Grid 7 M4 24.32 dBV/m	Grid 8 M4 25.5 dBV/m	Grid 9 M4 25.28 dBV/m

Cursor:

Total = 30.35 dBV/m

E Category: M3

Location: 0.5, -25, 7.7 mm



0 dB = 32.90 V/m = 30.34 dBV/m