

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_ch 128/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 = 40.74 V/m; Power Drift = 0.02 dB

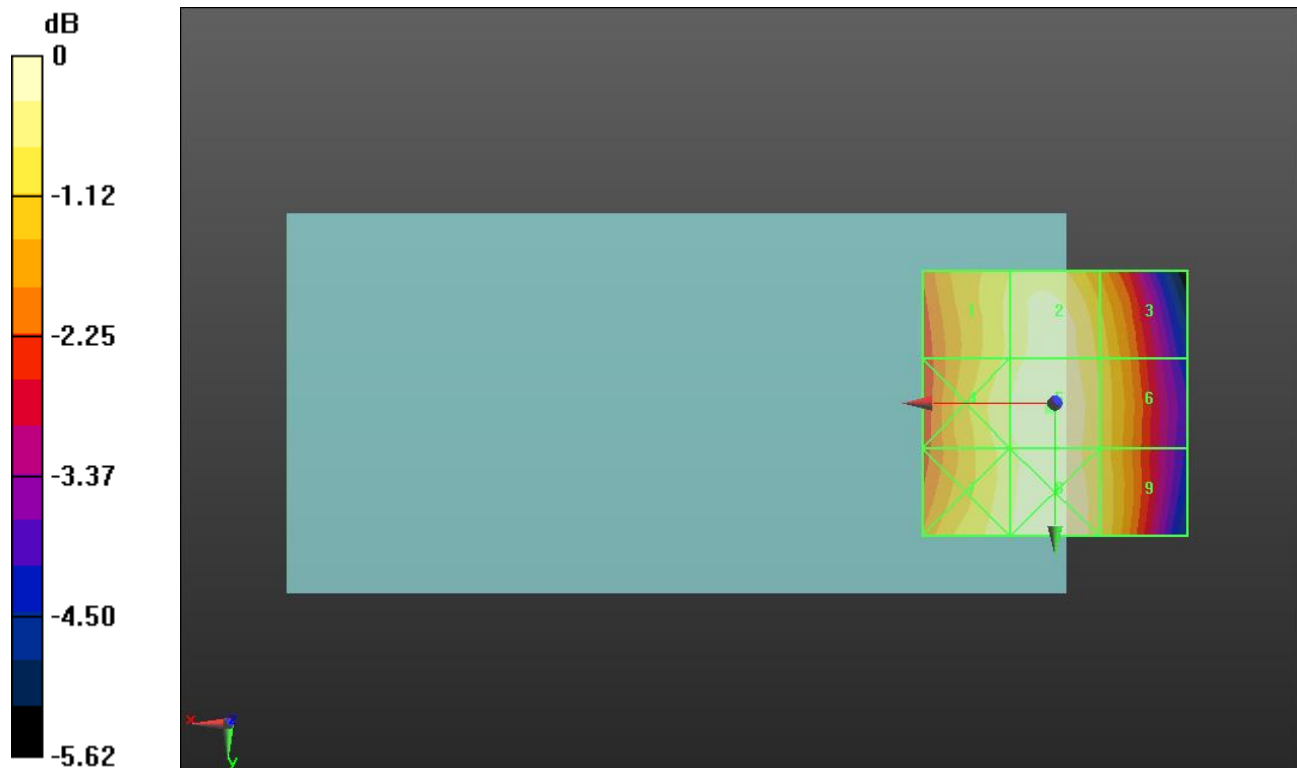
Applied MIF = 3.63 dB

RF audio interference level = 33.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.94 dBV/m	Grid 2 M4 33.4 dBV/m	Grid 3 M4 32.72 dBV/m
Grid 4 M4 33.2 dBV/m	Grid 5 M4 33.56 dBV/m	Grid 6 M4 32.81 dBV/m
Grid 7 M4 33.15 dBV/m	Grid 8 M4 33.55 dBV/m	Grid 9 M4 32.88 dBV/m



0 dB = 47.62 V/m = 33.56 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_ch 190/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 = 41.44 V/m; Power Drift = 0.05 dB

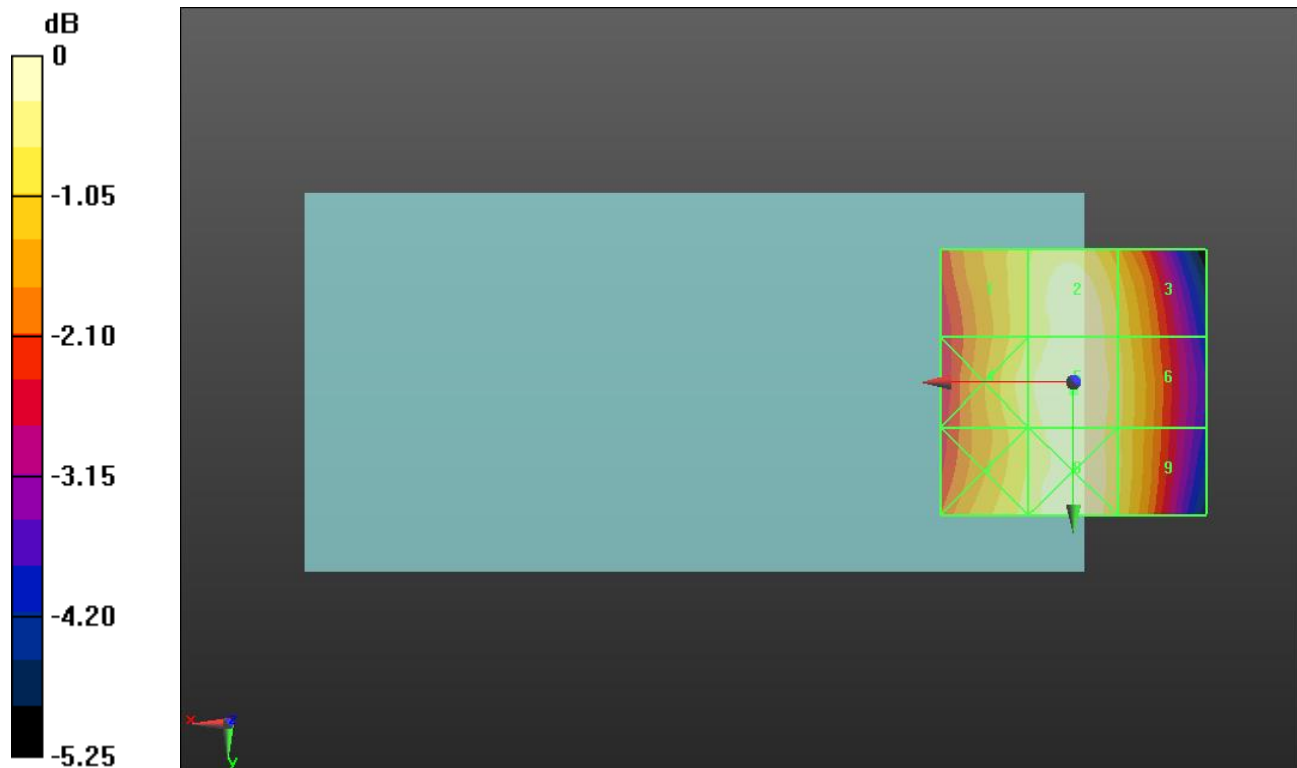
Applied MIF = 3.63 dB

RF audio interference level = 33.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.04 dBV/m	Grid 2 M4 33.56 dBV/m	Grid 3 M4 33.02 dBV/m
Grid 4 M4 33.27 dBV/m	Grid 5 M4 33.71 dBV/m	Grid 6 M4 33.14 dBV/m
Grid 7 M4 33.16 dBV/m	Grid 8 M4 33.65 dBV/m	Grid 9 M4 33.08 dBV/m



0 dB = 48.47 V/m = 33.71 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_ch 251/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 = 44.94 V/m; Power Drift = -0.01 dB

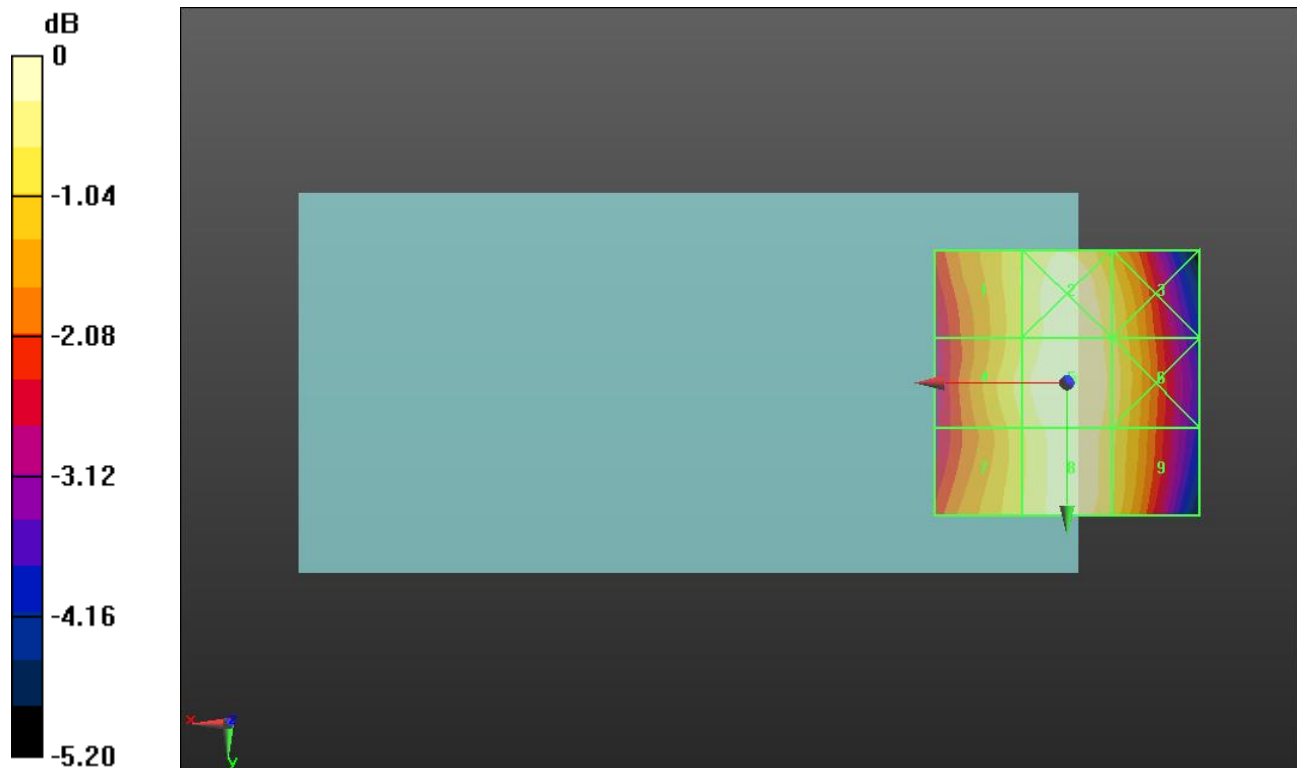
Applied MIF = 3.63 dB

RF audio interference level = 34.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.73 dBV/m	Grid 2 M4 34.32 dBV/m	Grid 3 M4 33.84 dBV/m
Grid 4 M4 33.88 dBV/m	Grid 5 M4 34.39 dBV/m	Grid 6 M4 33.94 dBV/m
Grid 7 M4 33.69 dBV/m	Grid 8 M4 34.28 dBV/m	Grid 9 M4 33.81 dBV/m



0 dB = 52.44 V/m = 34.39 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 512/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 = 13.17 V/m; Power Drift = 0.11 dB

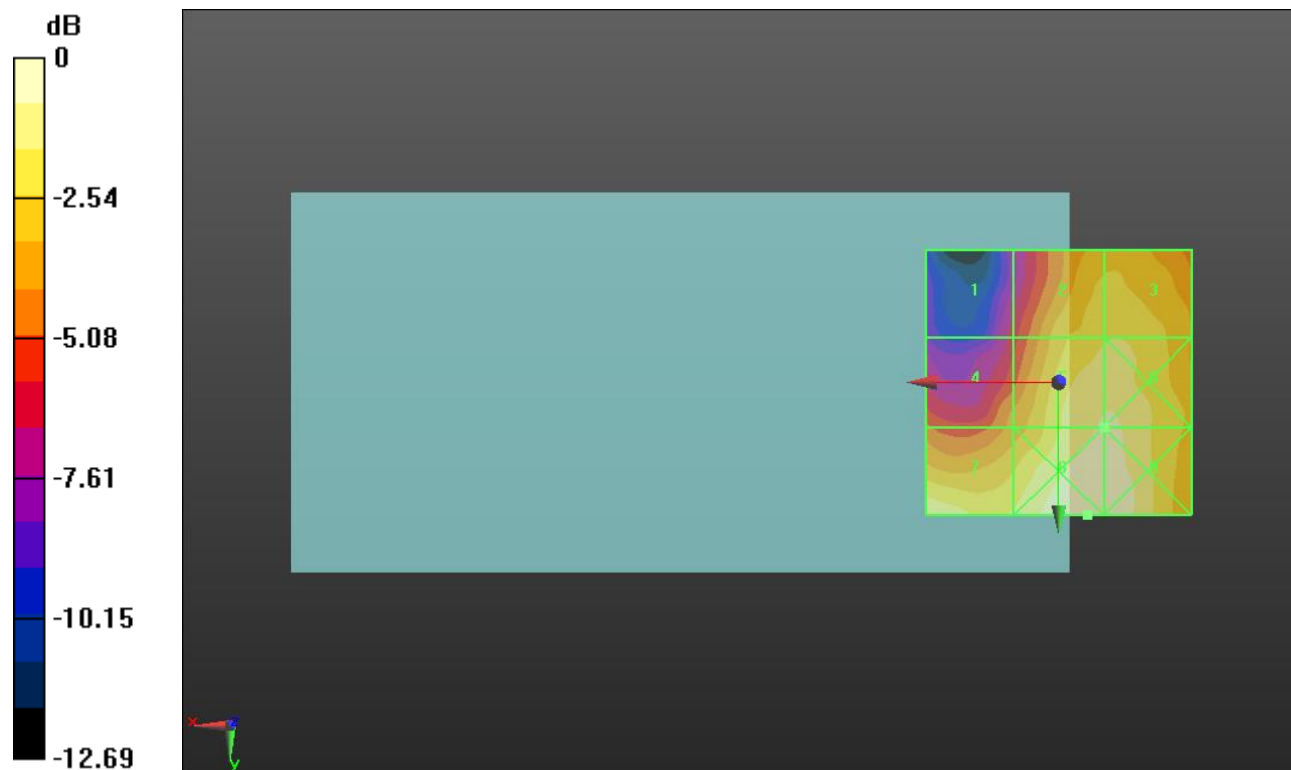
Applied MIF = 3.63 dB

RF audio interference level = 25.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20 dBV/m	Grid 2 M4 24.39 dBV/m	Grid 3 M4 24.49 dBV/m
Grid 4 M4 22.36 dBV/m	Grid 5 M4 25.44 dBV/m	Grid 6 M4 25.45 dBV/m
Grid 7 M4 25.39 dBV/m	Grid 8 M4 26.18 dBV/m	Grid 9 M4 26.09 dBV/m



0 dB = 20.38 V/m = 26.18 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 661/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 = 13.02 V/m; Power Drift = 0.06 dB

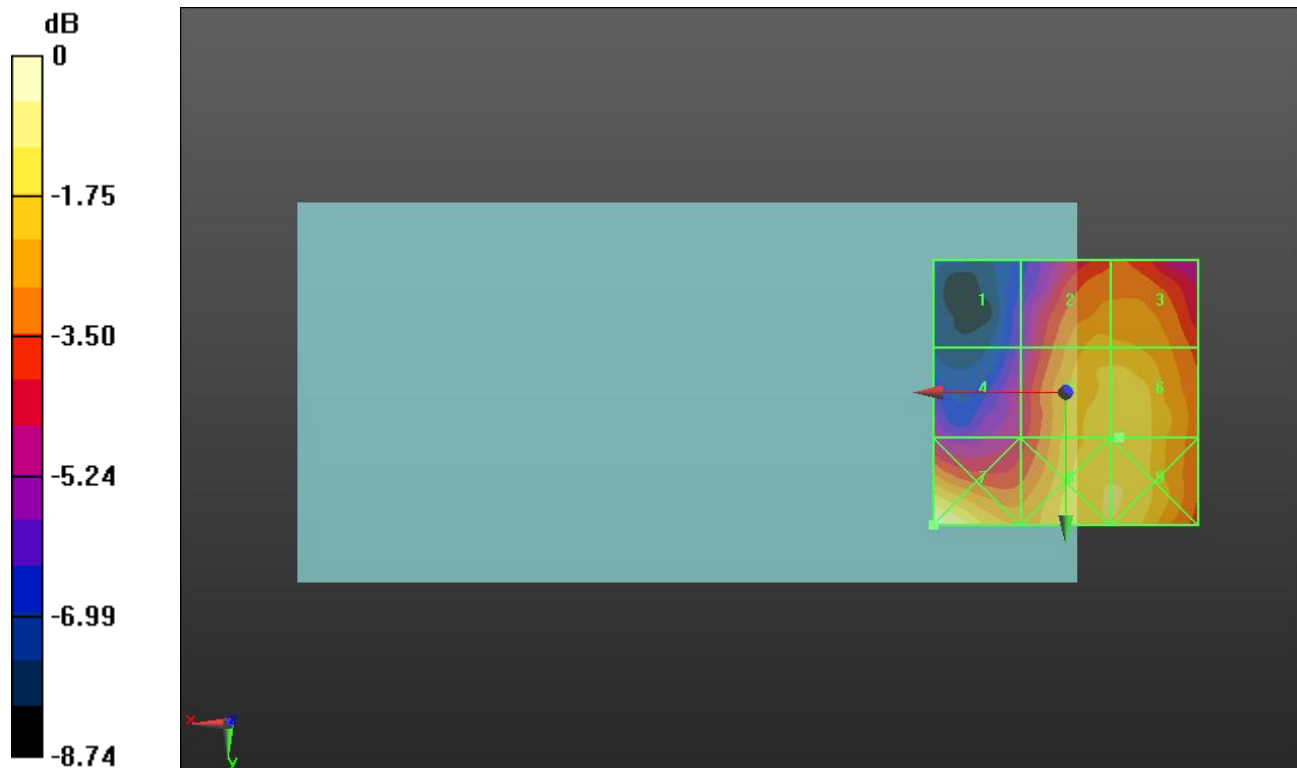
Applied MIF = 3.63 dB

RF audio interference level = 25.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.66 dBV/m	Grid 2 M4 24.19 dBV/m	Grid 3 M4 24.13 dBV/m
Grid 4 M4 21.89 dBV/m	Grid 5 M4 24.96 dBV/m	Grid 6 M4 25 dBV/m
Grid 7 M4 26.27 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 25.16 dBV/m



0 dB = 20.58 V/m = 26.27 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/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 = 12.96 V/m; Power Drift = 0.09 dB

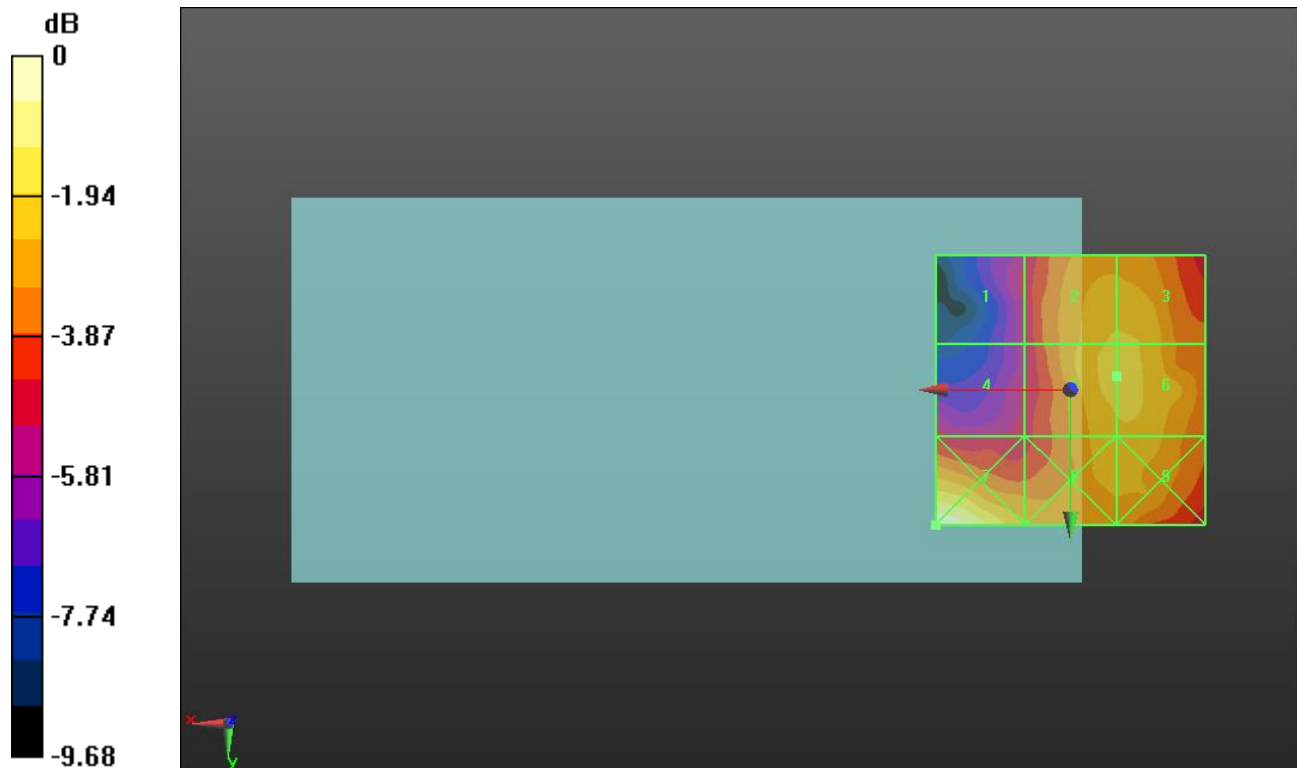
Applied MIF = 3.63 dB

RF audio interference level = 25.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.1 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 25.08 dBV/m
Grid 4 M4 22.2 dBV/m	Grid 5 M4 25.15 dBV/m	Grid 6 M4 25.15 dBV/m
Grid 7 M4 26.93 dBV/m	Grid 8 M4 24.8 dBV/m	Grid 9 M4 24.82 dBV/m



0 dB = 22.20 V/m = 26.93 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.1013/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 = 16.31 V/m; Power Drift = 0.10 dB

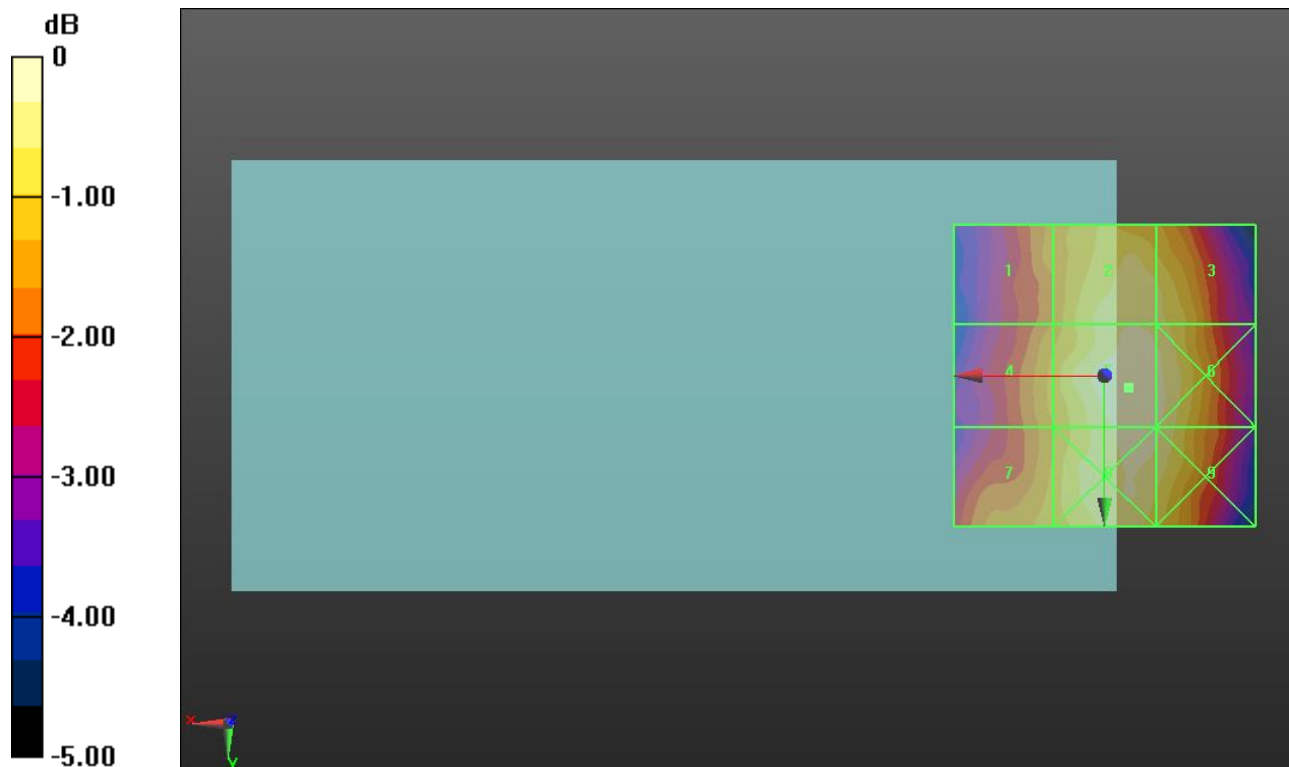
Applied MIF = 3.26 dB

RF audio interference level = 25.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.74 dBV/m	Grid 2 M4 24.86 dBV/m	Grid 3 M4 24.71 dBV/m
Grid 4 M4 24.01 dBV/m	Grid 5 M4 25.19 dBV/m	Grid 6 M4 25 dBV/m
Grid 7 M4 24.07 dBV/m	Grid 8 M4 25.15 dBV/m	Grid 9 M4 24.95 dBV/m



0 dB = 18.17 V/m = 25.19 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.384/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 = 16.70 V/m; Power Drift = 0.04 dB

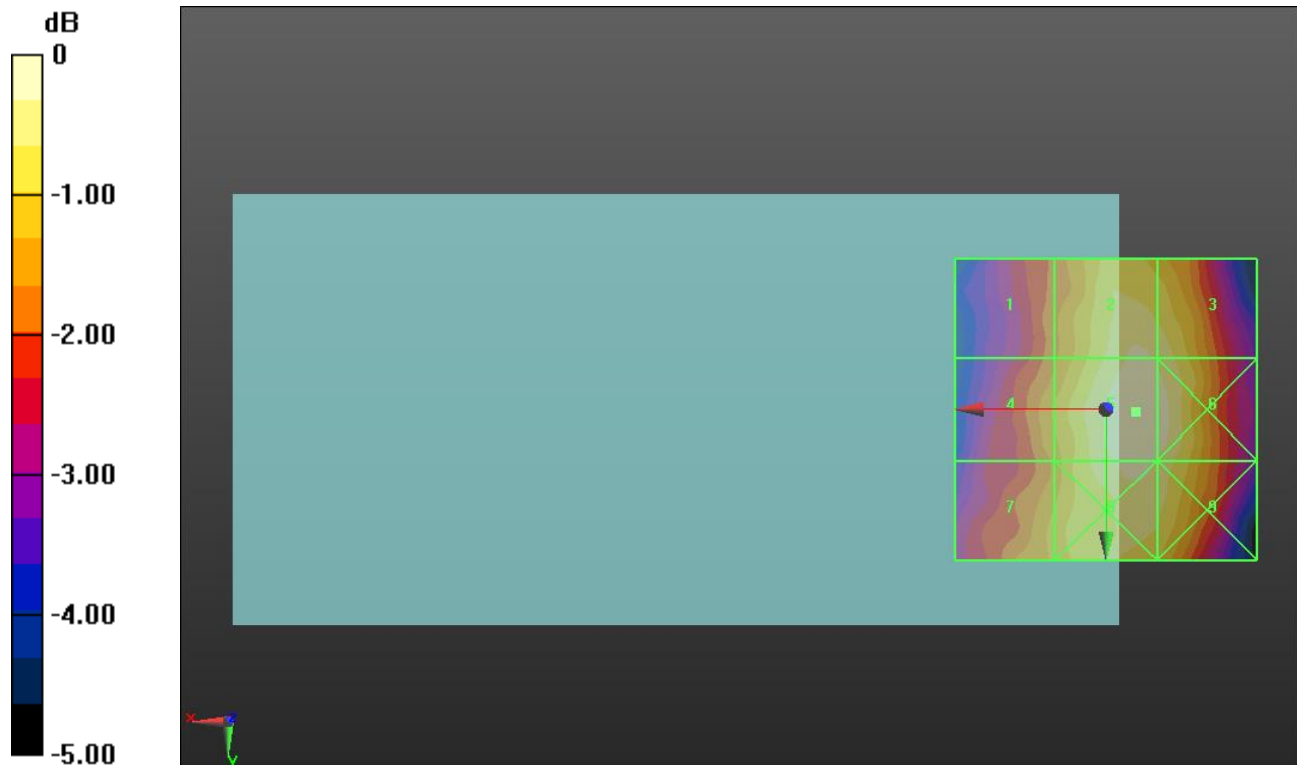
Applied MIF = 3.26 dB

RF audio interference level = 25.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.78 dBV/m	Grid 2 M4 25.22 dBV/m	Grid 3 M4 25.1 dBV/m
Grid 4 M4 24.22 dBV/m	Grid 5 M4 25.49 dBV/m	Grid 6 M4 25.37 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 25.3 dBV/m	Grid 9 M4 25.13 dBV/m



0 dB = 18.81 V/m = 25.49 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.777/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 = 17.25 V/m; Power Drift = -0.09 dB

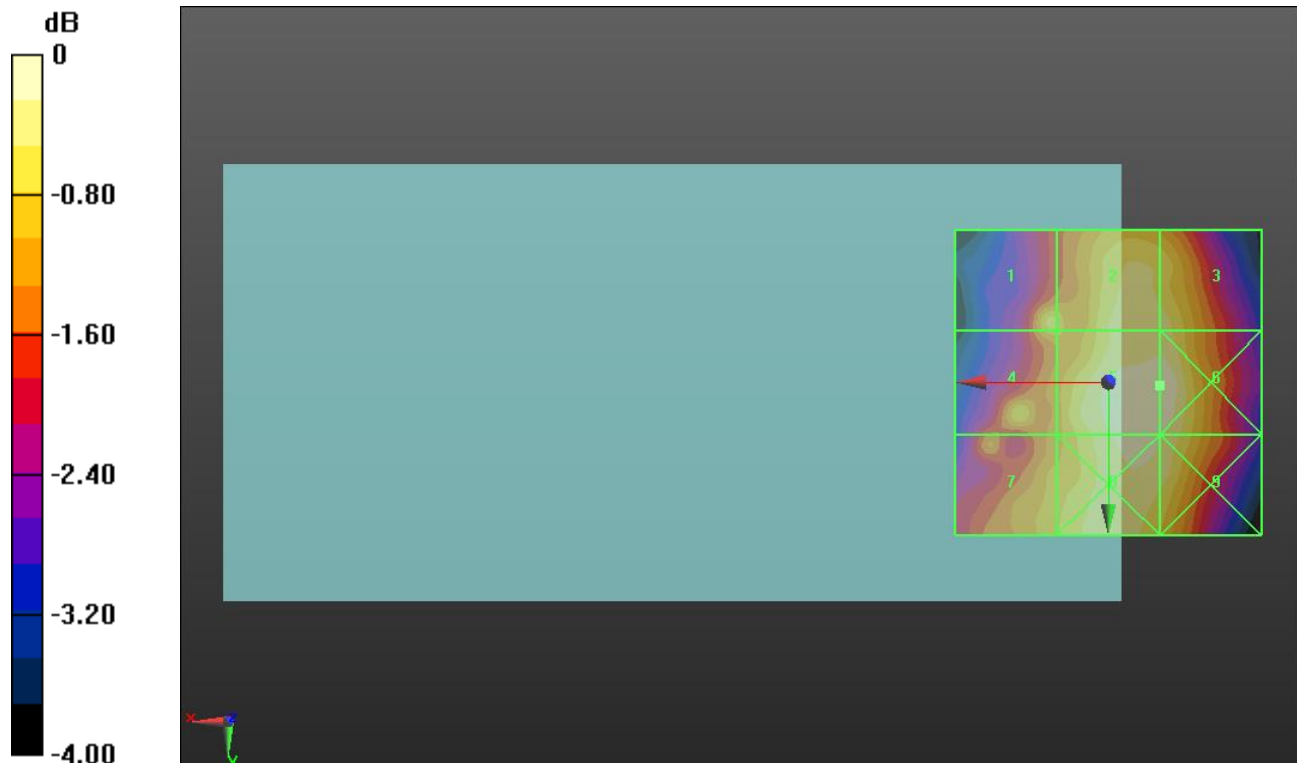
Applied MIF = 3.26 dB

RF audio interference level = 25.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.79 dBV/m	Grid 2 M4 25.14 dBV/m	Grid 3 M4 25.1 dBV/m
Grid 4 M4 24.67 dBV/m	Grid 5 M4 25.48 dBV/m	Grid 6 M4 25.48 dBV/m
Grid 7 M4 24.65 dBV/m	Grid 8 M4 25.36 dBV/m	Grid 9 M4 25.26 dBV/m



0 dB = 18.79 V/m = 25.48 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.25/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 = 7.451 V/m; Power Drift = 0.07 dB

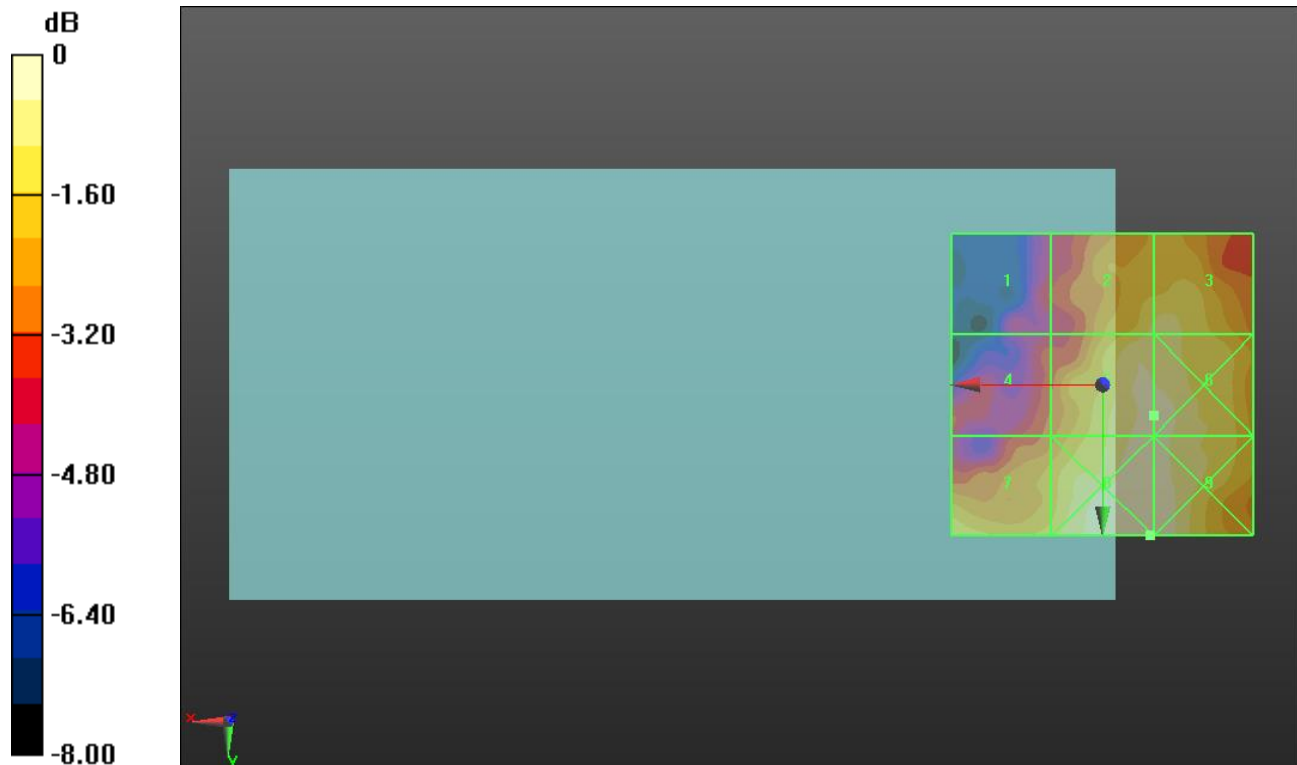
Applied MIF = 3.26 dB

RF audio interference level = 20.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.24 dBV/m	Grid 2 M4 19.98 dBV/m	Grid 3 M4 20.09 dBV/m
Grid 4 M4 18.04 dBV/m	Grid 5 M4 20.63 dBV/m	Grid 6 M4 20.66 dBV/m
Grid 7 M4 19.99 dBV/m	Grid 8 M4 20.86 dBV/m	Grid 9 M4 20.85 dBV/m



0 dB = 11.05 V/m = 20.87 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.600/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 = 7.634 V/m; Power Drift = -0.14 dB

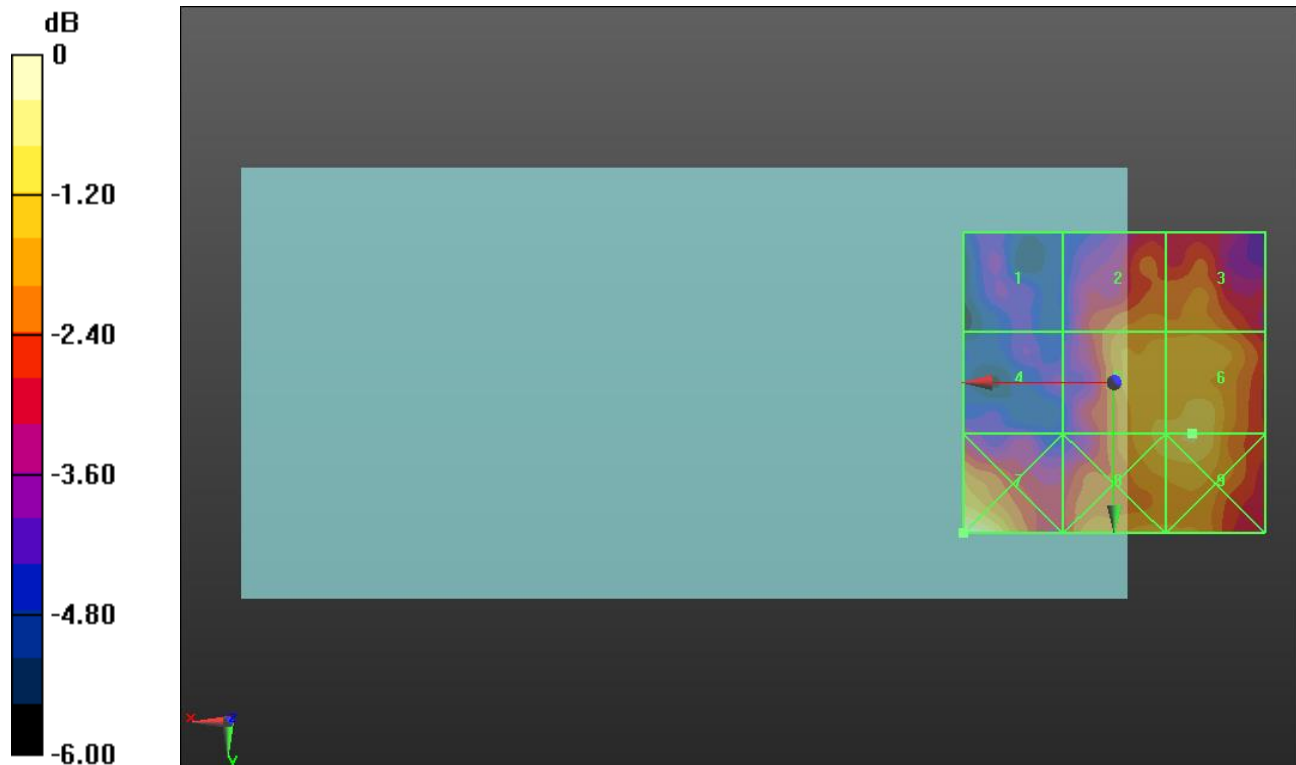
Applied MIF = 3.26 dB

RF audio interference level = 20.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.38 dBV/m	Grid 2 M4 19.45 dBV/m	Grid 3 M4 19.51 dBV/m
Grid 4 M4 17.57 dBV/m	Grid 5 M4 20.2 dBV/m	Grid 6 M4 20.39 dBV/m
Grid 7 M4 21.16 dBV/m	Grid 8 M4 20.23 dBV/m	Grid 9 M4 20.39 dBV/m



0 dB = 11.43 V/m = 21.16 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.1175/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 = 7.146 V/m; Power Drift = 0.30 dB

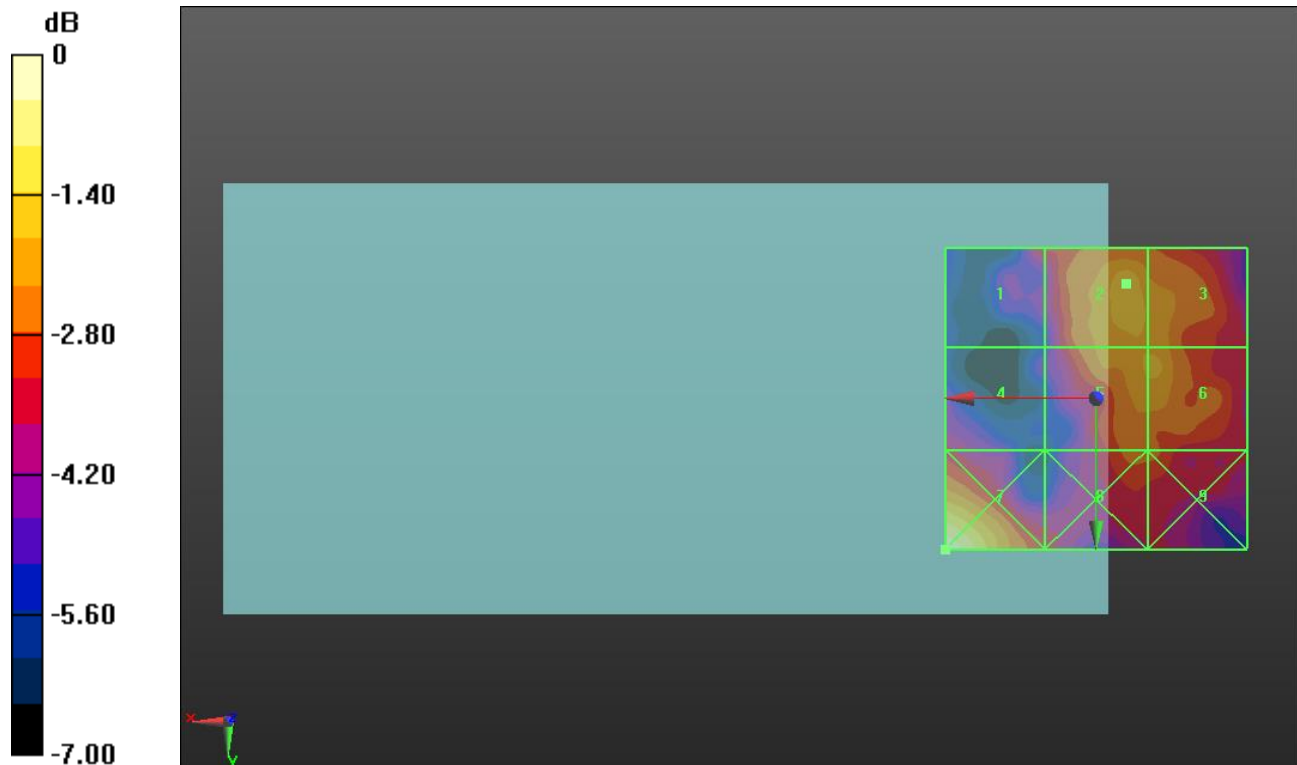
Applied MIF = 3.26 dB

RF audio interference level = 20.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.83 dBV/m	Grid 2 M4 20.36 dBV/m	Grid 3 M4 20.03 dBV/m
Grid 4 M4 18.41 dBV/m	Grid 5 M4 20.14 dBV/m	Grid 6 M4 20.18 dBV/m
Grid 7 M4 21.91 dBV/m	Grid 8 M4 19.32 dBV/m	Grid 9 M4 19.25 dBV/m



0 dB = 12.46 V/m = 21.91 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.450/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 = 0.07 dB

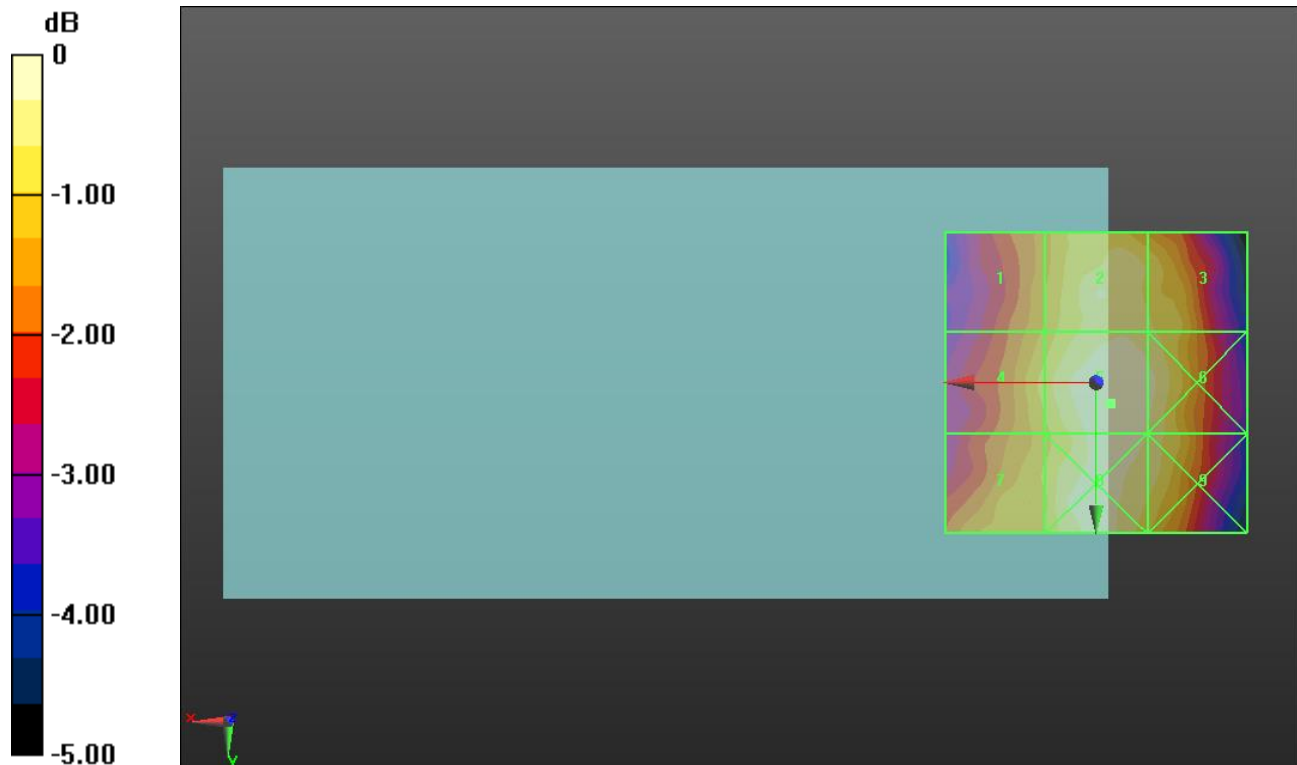
Applied MIF = 3.26 dB

RF audio interference level = 24.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.28 dBV/m	Grid 2 M4 24.21 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 23.69 dBV/m	Grid 5 M4 24.53 dBV/m	Grid 6 M4 24.33 dBV/m
Grid 7 M4 23.58 dBV/m	Grid 8 M4 24.4 dBV/m	Grid 9 M4 24.18 dBV/m



0 dB = 16.84 V/m = 24.53 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.560/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 = 15.85 V/m; Power Drift = -0.03 dB

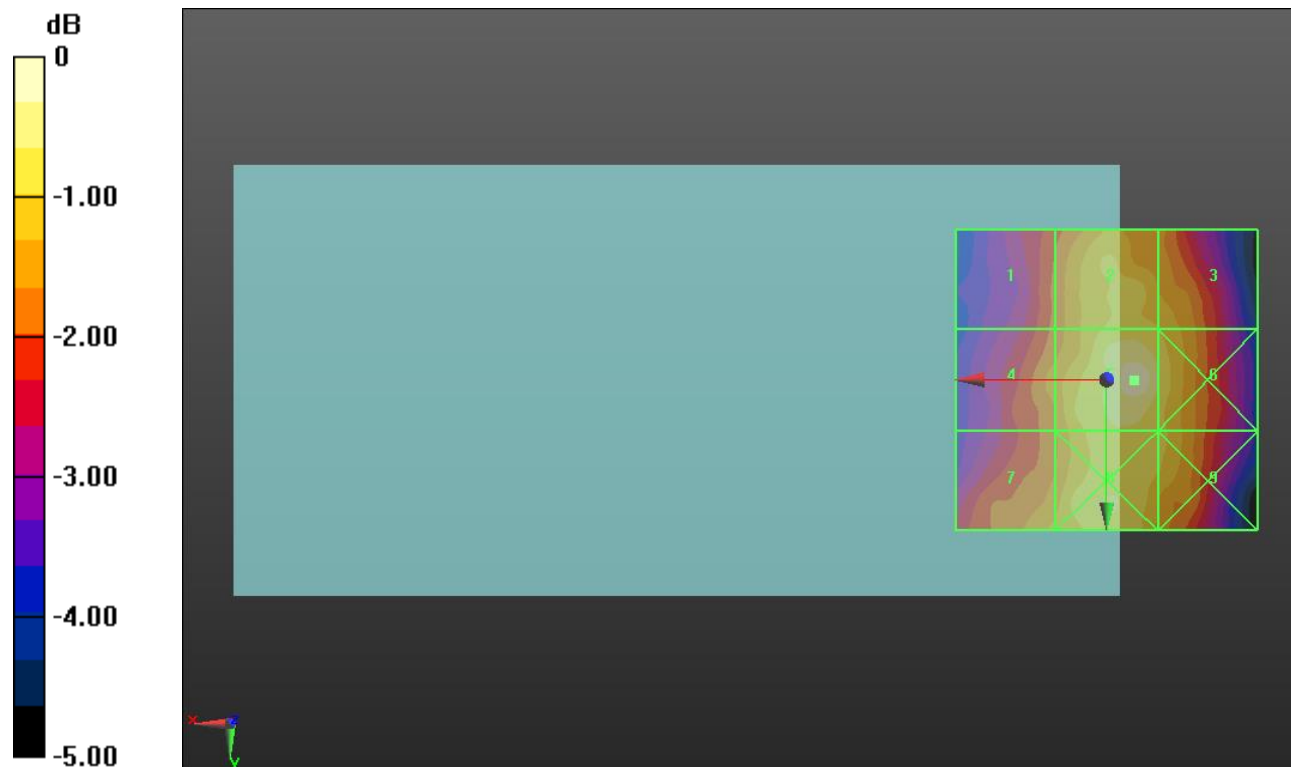
Applied MIF = 3.26 dB

RF audio interference level = 25.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.54 dBV/m	Grid 2 M4 24.57 dBV/m	Grid 3 M4 24.4 dBV/m
Grid 4 M4 23.94 dBV/m	Grid 5 M4 25.4 dBV/m	Grid 6 M4 24.73 dBV/m
Grid 7 M4 24.15 dBV/m	Grid 8 M4 24.74 dBV/m	Grid 9 M4 24.54 dBV/m



0 dB = 18.61 V/m = 25.39 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.670/Hearing Aid Compatibility

Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.16 V/m; Power Drift = -0.01 dB

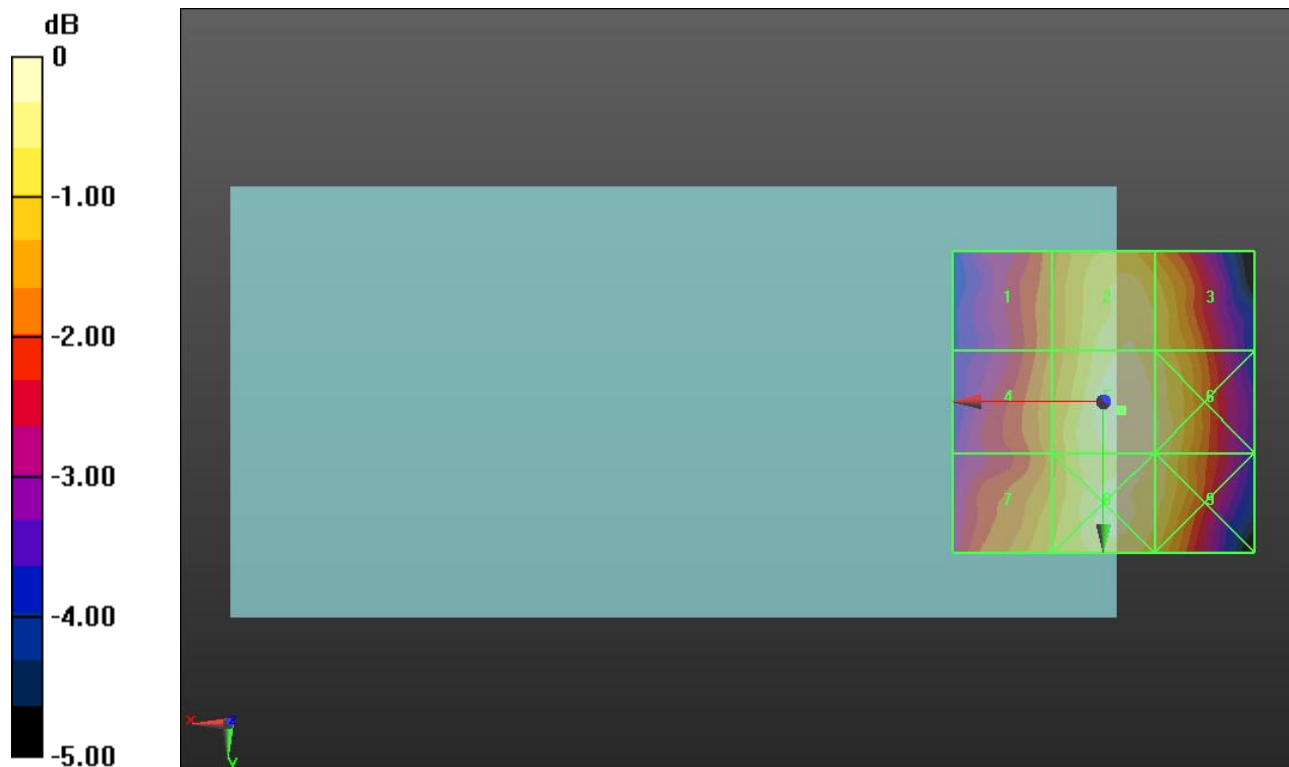
Applied MIF = 3.26 dB

RF audio interference level = 25.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.51 dBV/m	Grid 2 M4 24.81 dBV/m	Grid 3 M4 24.49 dBV/m
Grid 4 M4 23.78 dBV/m	Grid 5 M4 25.1 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M4 24.15 dBV/m	Grid 8 M4 24.92 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 18.00 V/m = 25.11 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 7.481 V/m; Power Drift = -0.07 dB

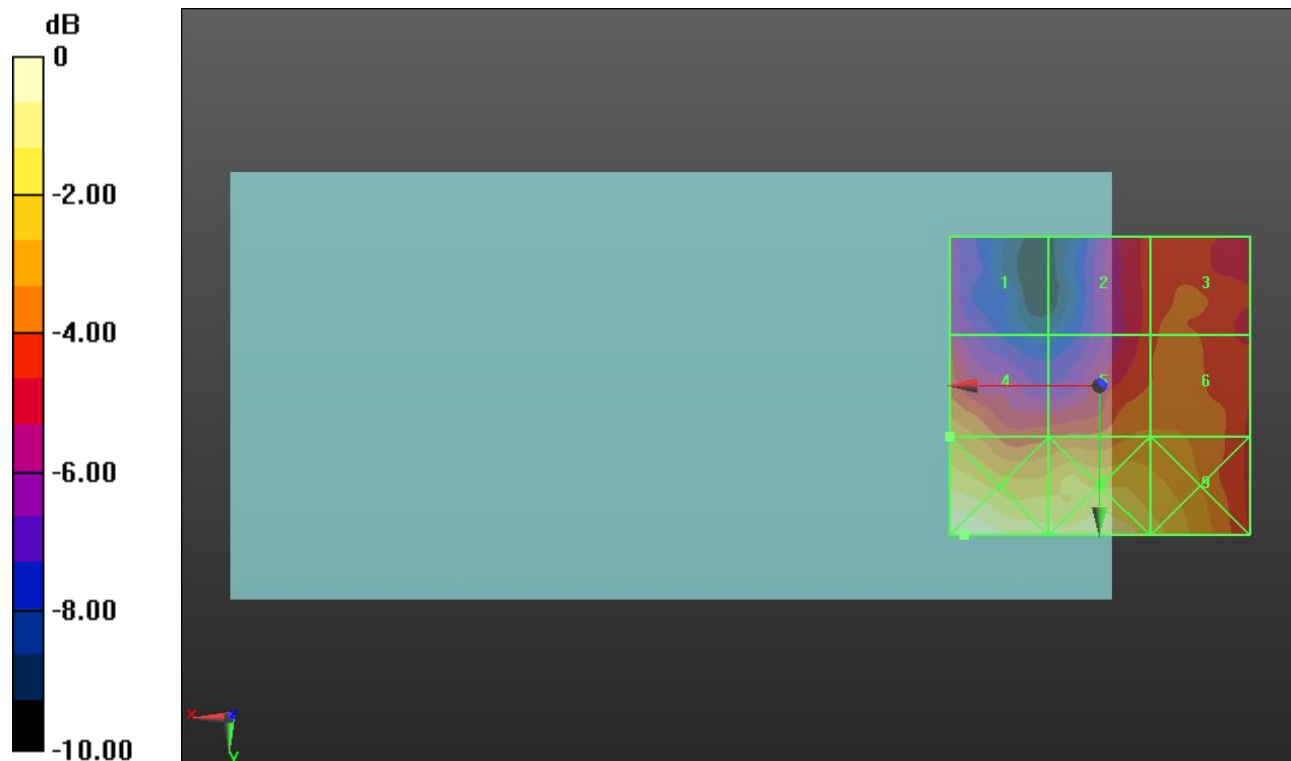
Applied MIF = -1.44 dB

RF audio interference level = 17.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.51 dBV/m	Grid 2 M4 15.87 dBV/m	Grid 3 M4 16.26 dBV/m
Grid 4 M4 17.4 dBV/m	Grid 5 M4 16.85 dBV/m	Grid 6 M4 16.84 dBV/m
Grid 7 M4 20.09 dBV/m	Grid 8 M4 19.21 dBV/m	Grid 9 M4 18.51 dBV/m



0 dB = 10.10 V/m = 20.09 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 9.342 V/m; Power Drift = 0.21 dB

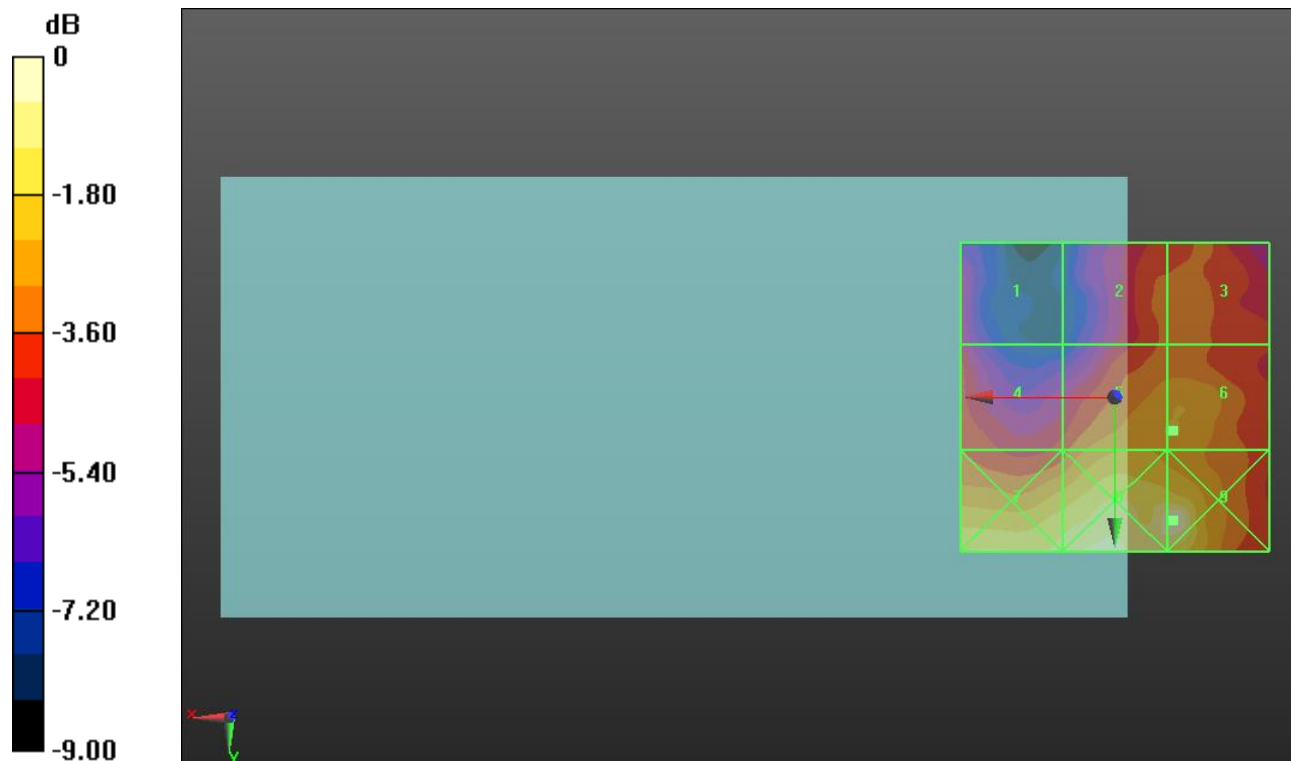
Applied MIF = -1.44 dB

RF audio interference level = 18.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.33 dBV/m	Grid 2 M4 17.56 dBV/m	Grid 3 M4 17.72 dBV/m
Grid 4 M4 17.32 dBV/m	Grid 5 M4 18.5 dBV/m	Grid 6 M4 18.52 dBV/m
Grid 7 M4 19.88 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.87 dBV/m



0 dB = 11.06 V/m = 20.88 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 6.682 V/m; Power Drift = 0.18 dB

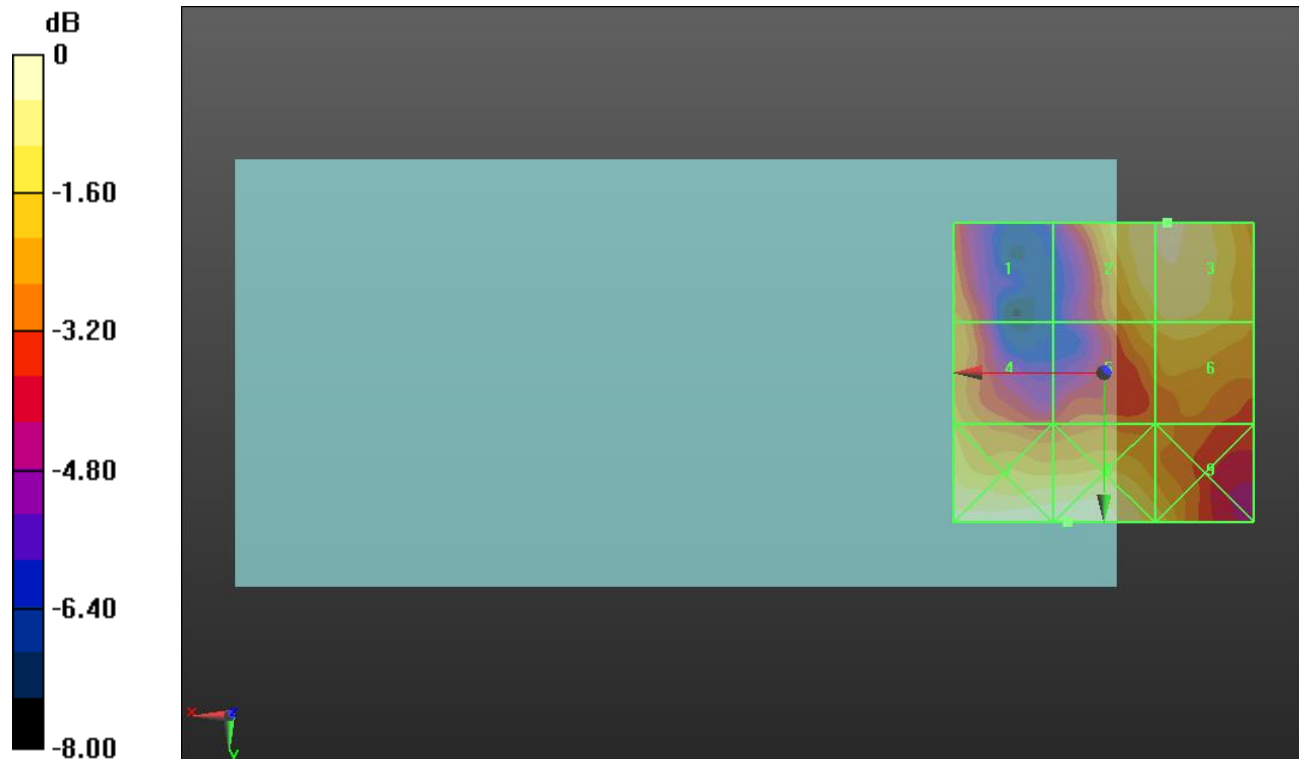
Applied MIF = -1.44 dB

RF audio interference level = 18.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.95 dBV/m	Grid 2 M4 17.96 dBV/m	Grid 3 M4 18.05 dBV/m
Grid 4 M4 16.81 dBV/m	Grid 5 M4 17.1 dBV/m	Grid 6 M4 17.38 dBV/m
Grid 7 M4 18.45 dBV/m	Grid 8 M4 18.47 dBV/m	Grid 9 M4 17.33 dBV/m



0 dB = 8.383 V/m = 18.47 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 6.836 V/m; Power Drift = -0.62 dB

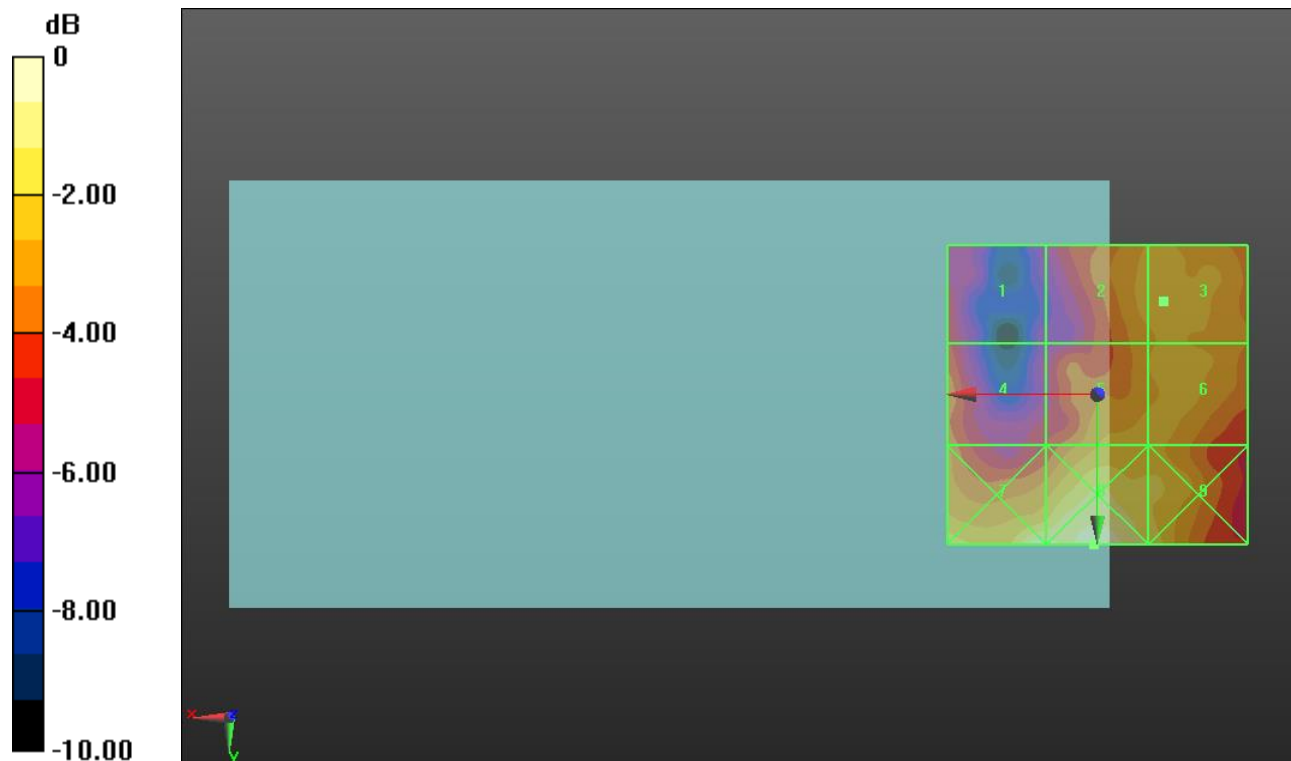
Applied MIF = -1.44 dB

RF audio interference level = 16.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.79 dBV/m	Grid 2 M4 16.06 dBV/m	Grid 3 M4 16.26 dBV/m
Grid 4 M4 15.03 dBV/m	Grid 5 M4 15.9 dBV/m	Grid 6 M4 15.95 dBV/m
Grid 7 M4 18.12 dBV/m	Grid 8 M4 18.31 dBV/m	Grid 9 M4 16.93 dBV/m



0 dB = 8.229 V/m = 18.31 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 7.070 V/m; Power Drift = -0.10 dB

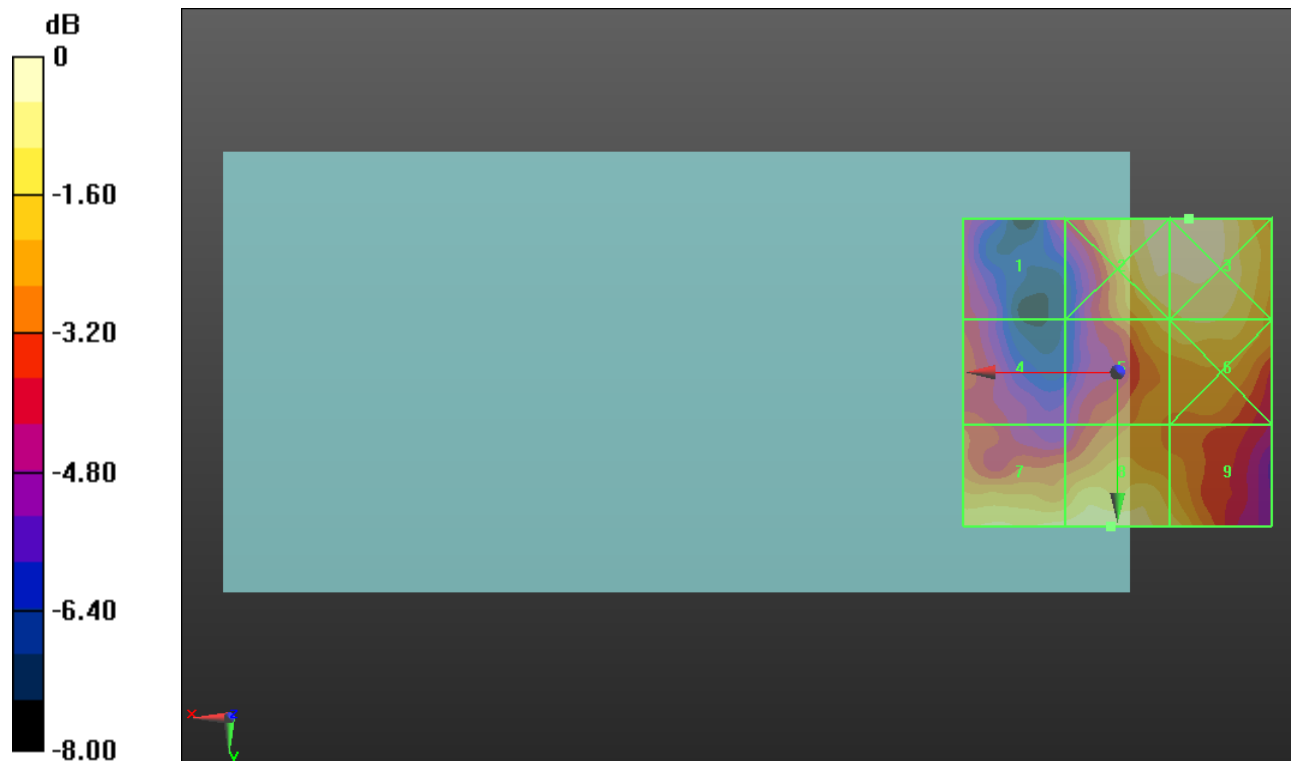
Applied MIF = -1.44 dB

RF audio interference level = 16.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.81 dBV/m	Grid 2 M4 17.59 dBV/m	Grid 3 M4 17.65 dBV/m
Grid 4 M4 14.4 dBV/m	Grid 5 M4 16.39 dBV/m	Grid 6 M4 16.69 dBV/m
Grid 7 M4 16.85 dBV/m	Grid 8 M4 16.99 dBV/m	Grid 9 M4 16.45 dBV/m



0 dB = 7.633 V/m = 17.65 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 39750/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 = 7.109 V/m; Power Drift = 0.08 dB

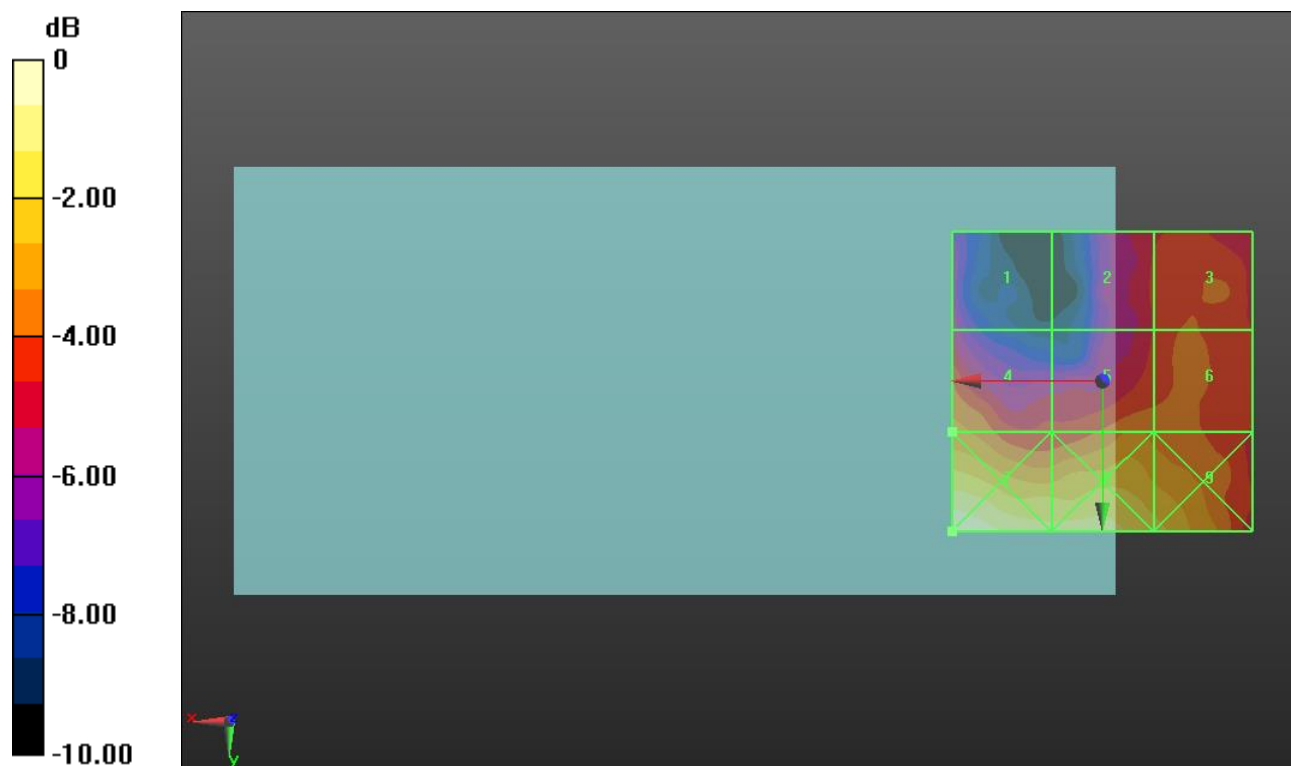
Applied MIF = -1.44 dB

RF audio interference level = 17.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.11 dBV/m	Grid 2 M4 15.87 dBV/m	Grid 3 M4 16.6 dBV/m
Grid 4 M4 17.28 dBV/m	Grid 5 M4 17.13 dBV/m	Grid 6 M4 16.82 dBV/m
Grid 7 M4 20.36 dBV/m	Grid 8 M4 19.32 dBV/m	Grid 9 M4 18.66 dBV/m



0 dB = 10.43 V/m = 20.37 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 40185/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 = 9.970 V/m; Power Drift = -0.15 dB

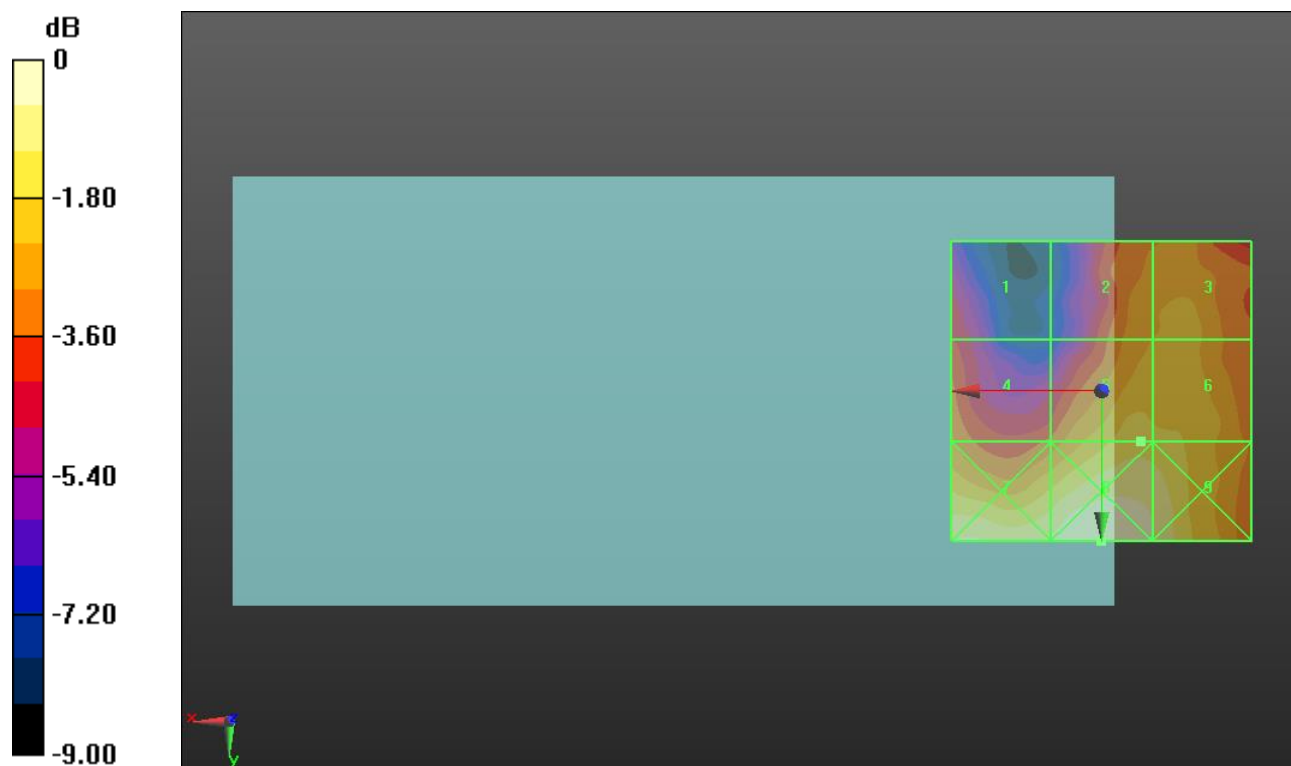
Applied MIF = -1.44 dB

RF audio interference level = 18.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.19 dBV/m	Grid 2 M4 17.94 dBV/m	Grid 3 M4 18.23 dBV/m
Grid 4 M4 17.45 dBV/m	Grid 5 M4 18.93 dBV/m	Grid 6 M4 18.87 dBV/m
Grid 7 M4 19.82 dBV/m	Grid 8 M4 20.33 dBV/m	Grid 9 M4 19.75 dBV/m



0 dB = 10.38 V/m = 20.32 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 40620/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 = 7.319 V/m; Power Drift = -0.45 dB

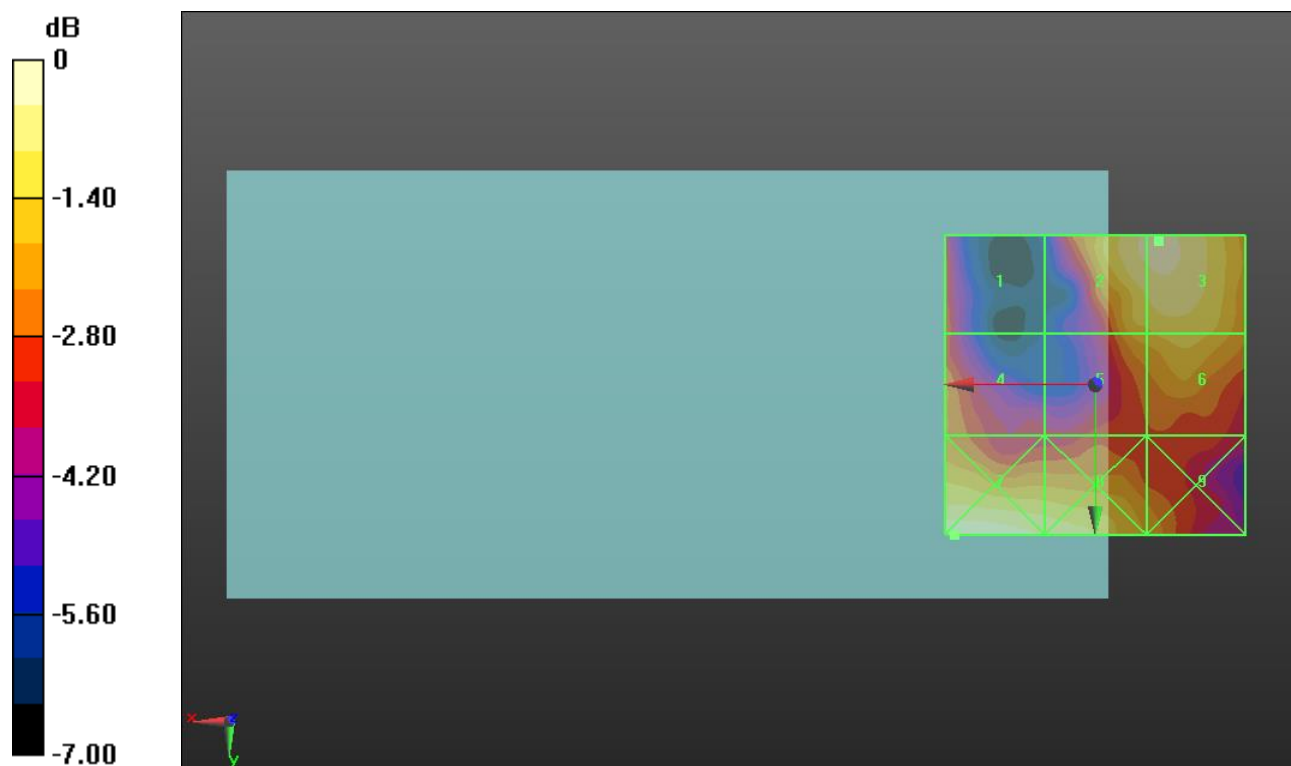
Applied MIF = -1.44 dB

RF audio interference level = 18.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.32 dBV/m	Grid 2 M4 18.64 dBV/m	Grid 3 M4 18.73 dBV/m
Grid 4 M4 16.84 dBV/m	Grid 5 M4 17.49 dBV/m	Grid 6 M4 17.83 dBV/m
Grid 7 M4 19.01 dBV/m	Grid 8 M4 18.52 dBV/m	Grid 9 M4 17.15 dBV/m



0 dB = 8.925 V/m = 19.01 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41055/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 = 6.940 V/m; Power Drift = 0.03 dB

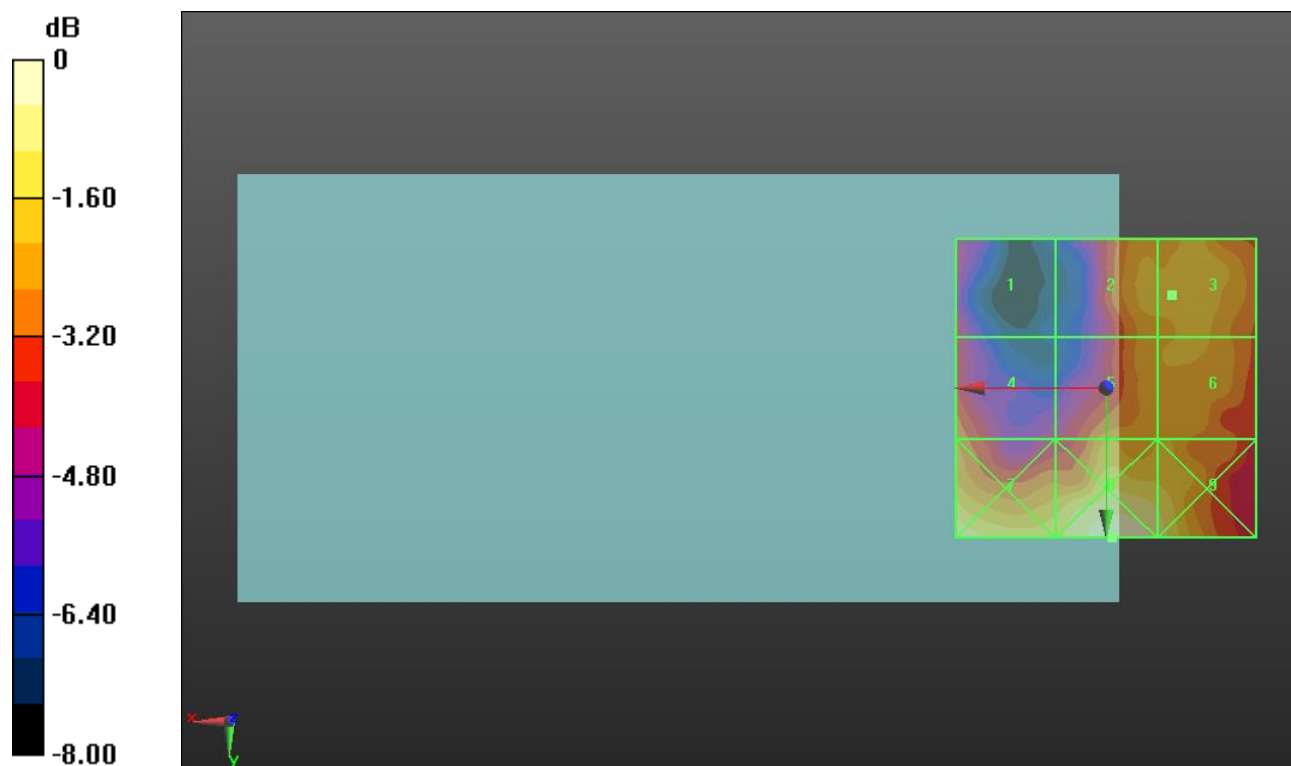
Applied MIF = -1.44 dB

RF audio interference level = 16.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.94 dBV/m	Grid 2 M4 15.89 dBV/m	Grid 3 M4 16.03 dBV/m
Grid 4 M4 15.02 dBV/m	Grid 5 M4 15.49 dBV/m	Grid 6 M4 15.77 dBV/m
Grid 7 M4 17.14 dBV/m	Grid 8 M4 17.66 dBV/m	Grid 9 M4 16.99 dBV/m



0 dB = 7.641 V/m = 17.66 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41490/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 = 7.288 V/m; Power Drift = -0.72 dB

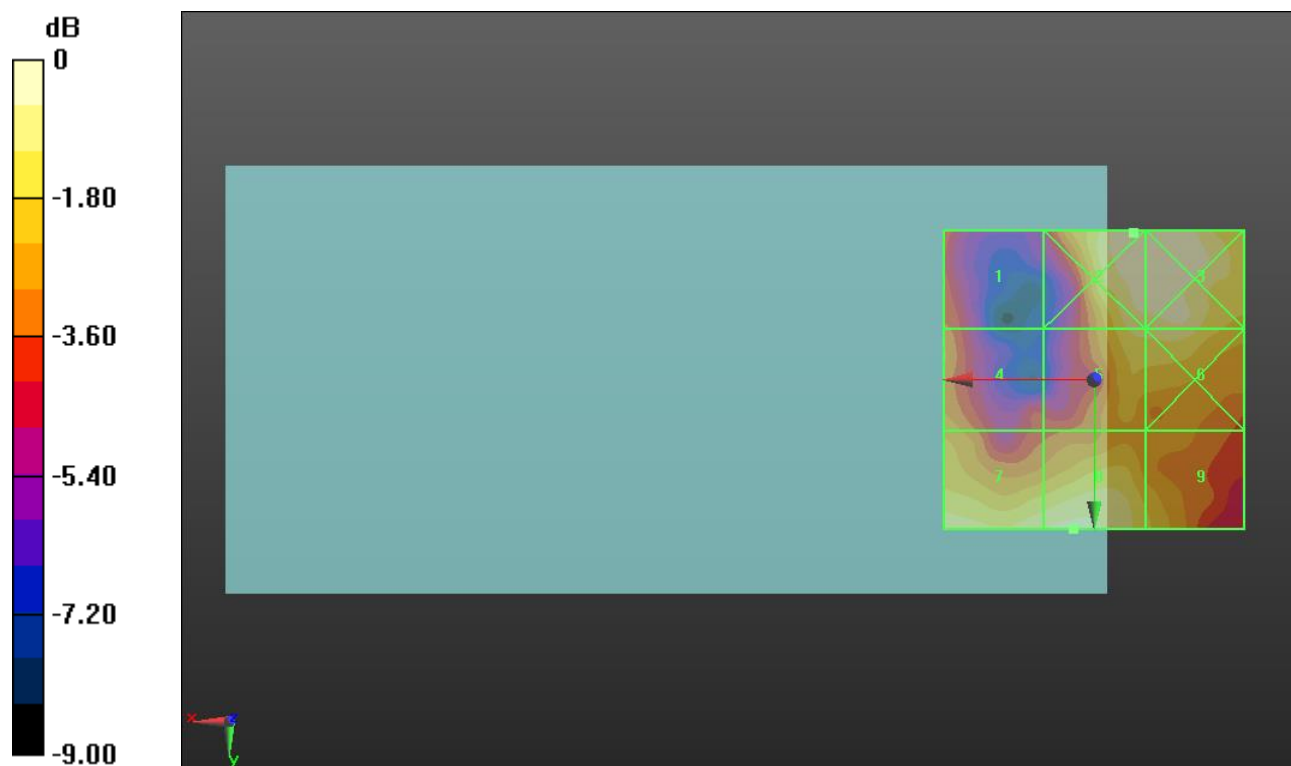
Applied MIF = -1.44 dB

RF audio interference level = 17.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.46 dBV/m	Grid 2 M4 17.86 dBV/m	Grid 3 M4 17.84 dBV/m
Grid 4 M4 15.34 dBV/m	Grid 5 M4 16.9 dBV/m	Grid 6 M4 17.09 dBV/m
Grid 7 M4 17.29 dBV/m	Grid 8 M4 17.45 dBV/m	Grid 9 M4 16.27 dBV/m



0 dB = 7.813 V/m = 17.86 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_ch 128/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 = 114.6 V/m; Power Drift = -0.01 dB

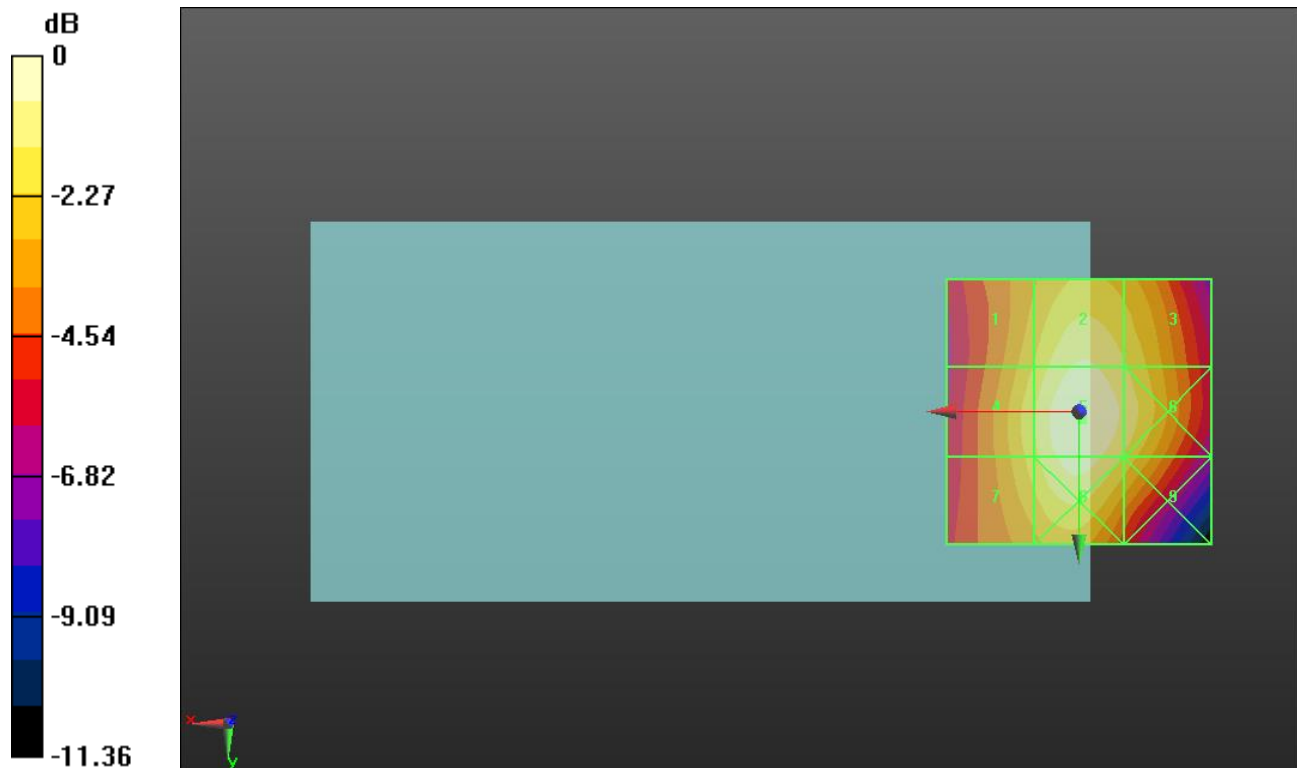
Applied MIF = 3.63 dB

RF audio interference level = 39.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.51 dBV/m	Grid 2 M4 39.07 dBV/m	Grid 3 M4 38.29 dBV/m
Grid 4 M4 38.15 dBV/m	Grid 5 M4 39.71 dBV/m	Grid 6 M4 38.78 dBV/m
Grid 7 M4 37.91 dBV/m	Grid 8 M4 39.33 dBV/m	Grid 9 M4 38.06 dBV/m



0 dB = 96.72 V/m = 39.71 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_ch 190/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 = 120.5 V/m; Power Drift = -0.07 dB

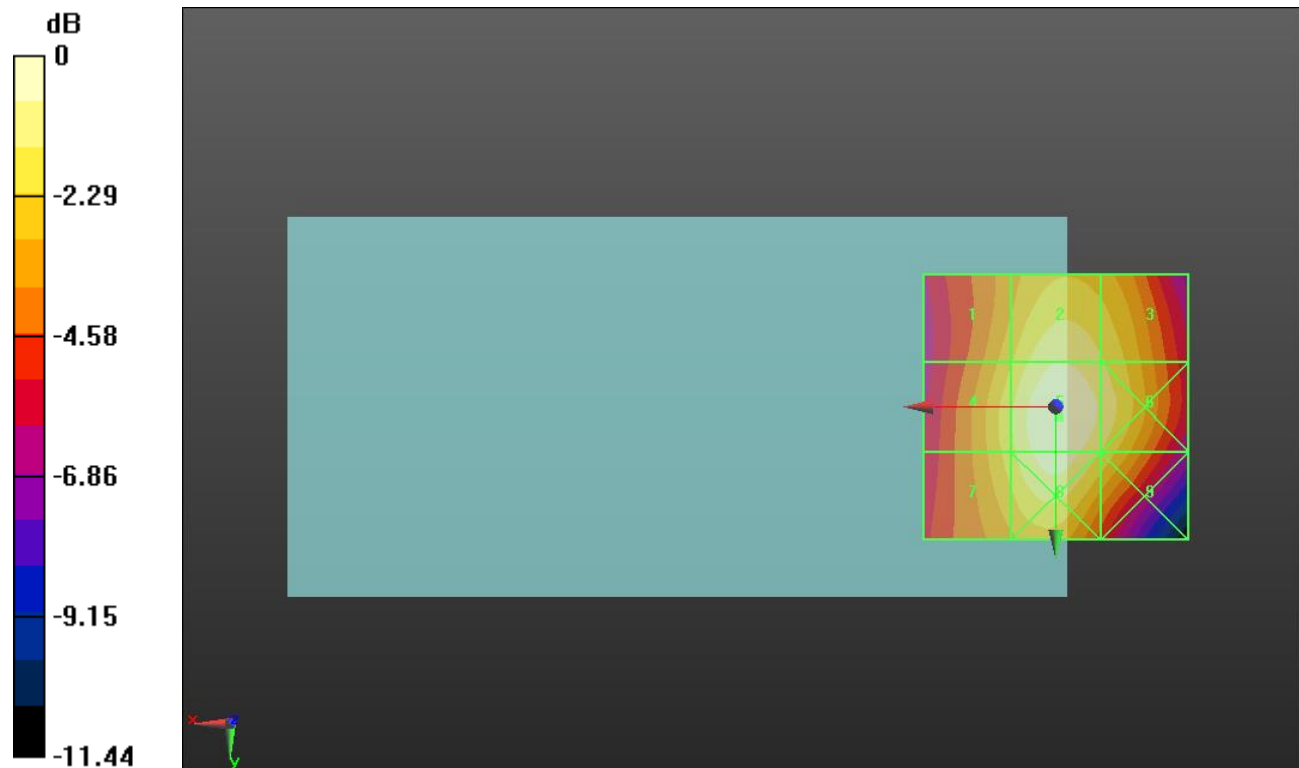
Applied MIF = 3.63 dB

RF audio interference level = 40.09 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.69 dBV/m	Grid 2 M4 39.33 dBV/m	Grid 3 M4 38.66 dBV/m
Grid 4 M4 38.48 dBV/m	Grid 5 M3 40.09 dBV/m	Grid 6 M4 39.21 dBV/m
Grid 7 M4 38.28 dBV/m	Grid 8 M4 39.77 dBV/m	Grid 9 M4 38.52 dBV/m



0 dB = 101.0 V/m = 40.09 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_ch 251/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 = 119.6 V/m; Power Drift = -0.08 dB

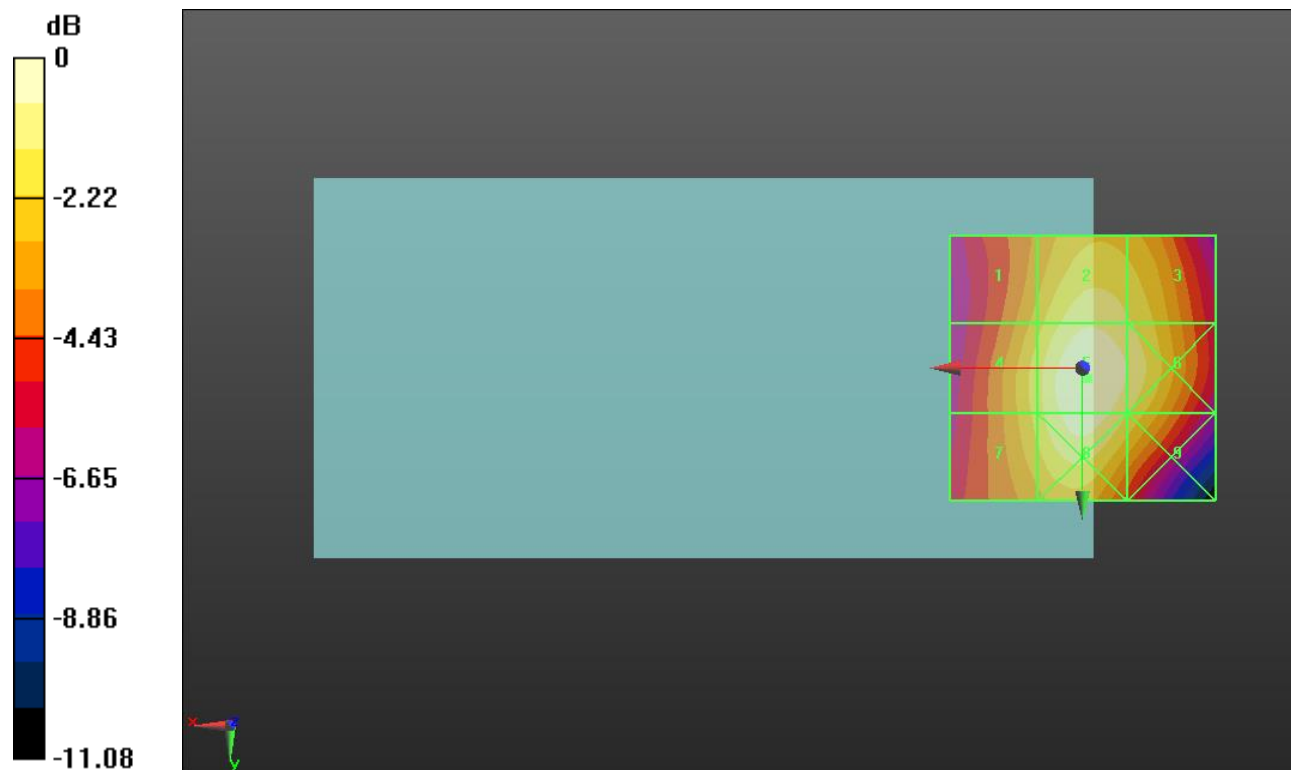
Applied MIF = 3.63 dB

RF audio interference level = 40.09 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.54 dBV/m	Grid 2 M4 39.26 dBV/m	Grid 3 M4 38.73 dBV/m
Grid 4 M4 38.37 dBV/m	Grid 5 M3 40.09 dBV/m	Grid 6 M4 39.32 dBV/m
Grid 7 M4 38.22 dBV/m	Grid 8 M4 39.8 dBV/m	Grid 9 M4 38.64 dBV/m



0 dB = 101.0 V/m = 40.09 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 512/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 = 12.42 V/m; Power Drift = -0.04 dB

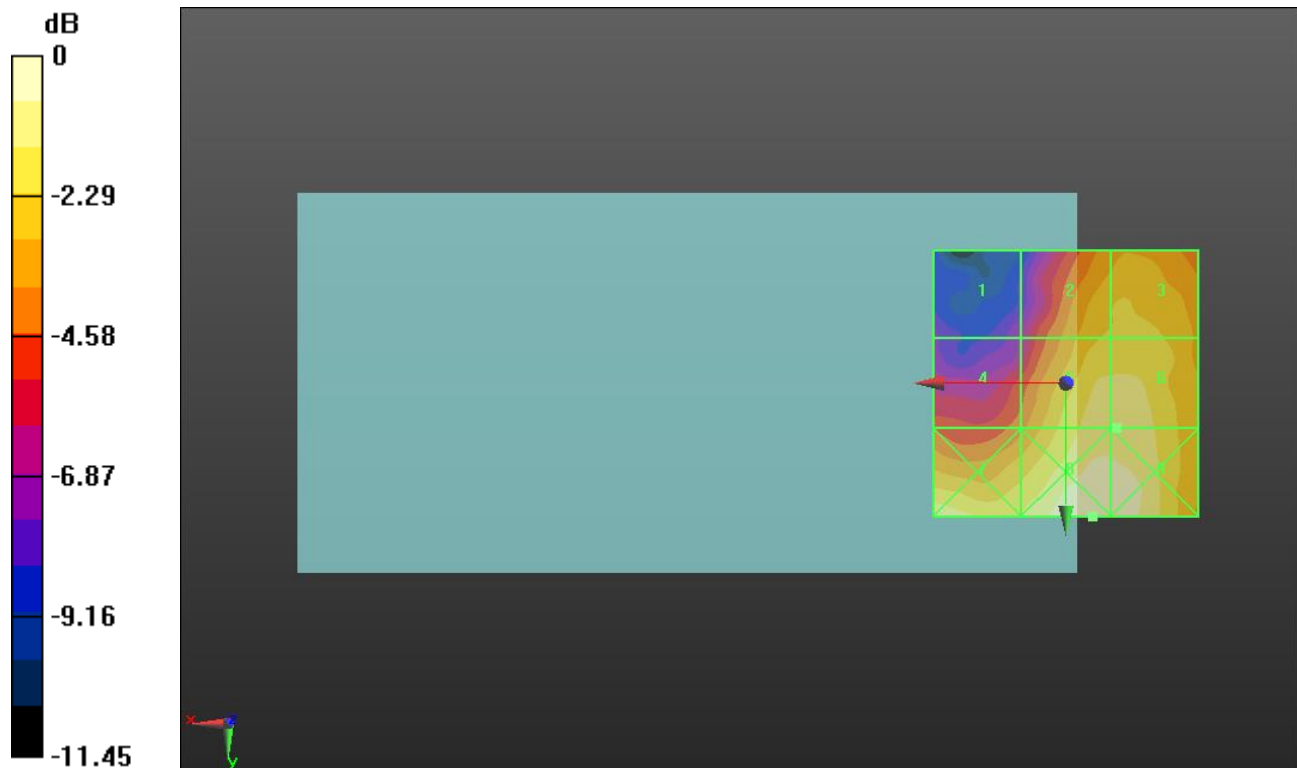
Applied MIF = 3.63 dB

RF audio interference level = 25.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.31 dBV/m	Grid 2 M4 23.9 dBV/m	Grid 3 M4 24.02 dBV/m
Grid 4 M4 22.03 dBV/m	Grid 5 M4 25.04 dBV/m	Grid 6 M4 25.05 dBV/m
Grid 7 M4 25.33 dBV/m	Grid 8 M4 26.05 dBV/m	Grid 9 M4 25.89 dBV/m



0 dB = 20.06 V/m = 26.05 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 661/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 = 12.82 V/m; Power Drift = -0.13 dB

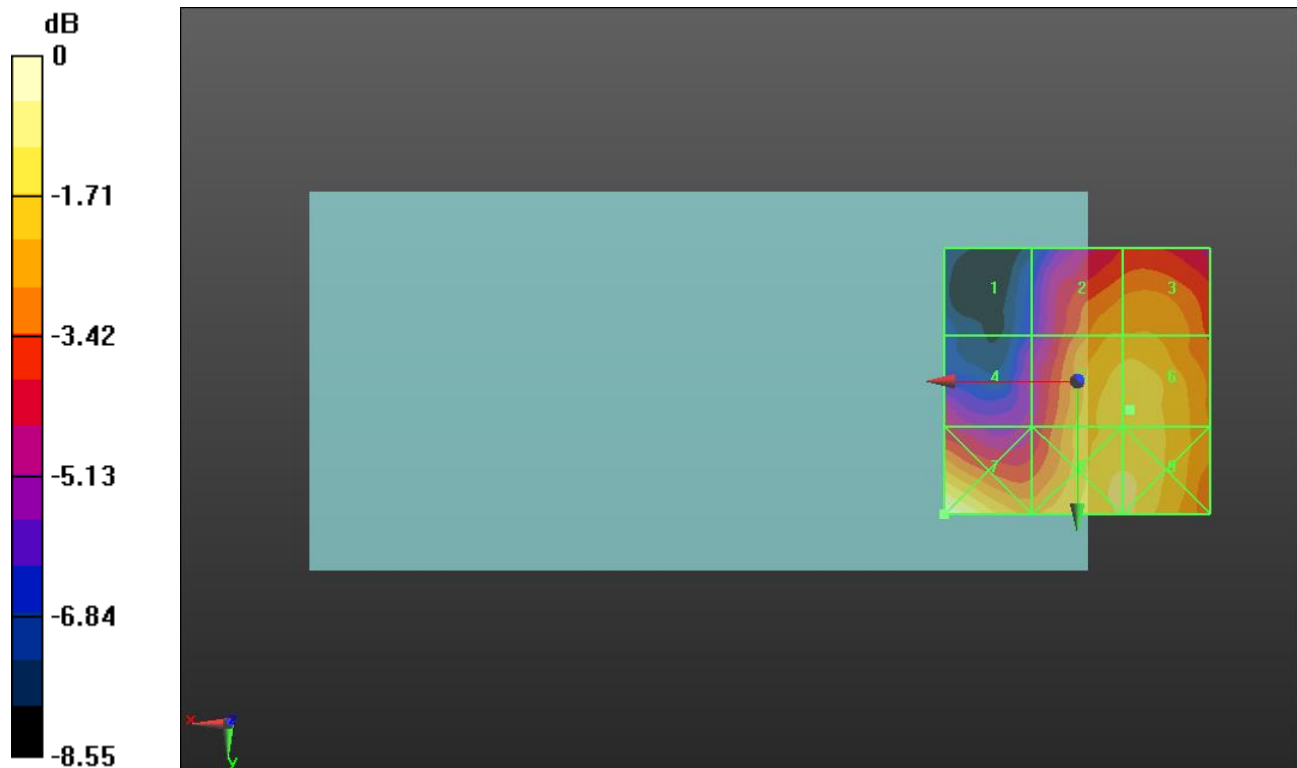
Applied MIF = 3.63 dB

RF audio interference level = 25.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.27 dBV/m	Grid 2 M4 24.03 dBV/m	Grid 3 M4 24.04 dBV/m
Grid 4 M4 21.87 dBV/m	Grid 5 M4 24.98 dBV/m	Grid 6 M4 25.03 dBV/m
Grid 7 M4 26.23 dBV/m	Grid 8 M4 25.2 dBV/m	Grid 9 M4 25.2 dBV/m



0 dB = 20.50 V/m = 26.24 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/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 = 12.66 V/m; Power Drift = -0.12 dB

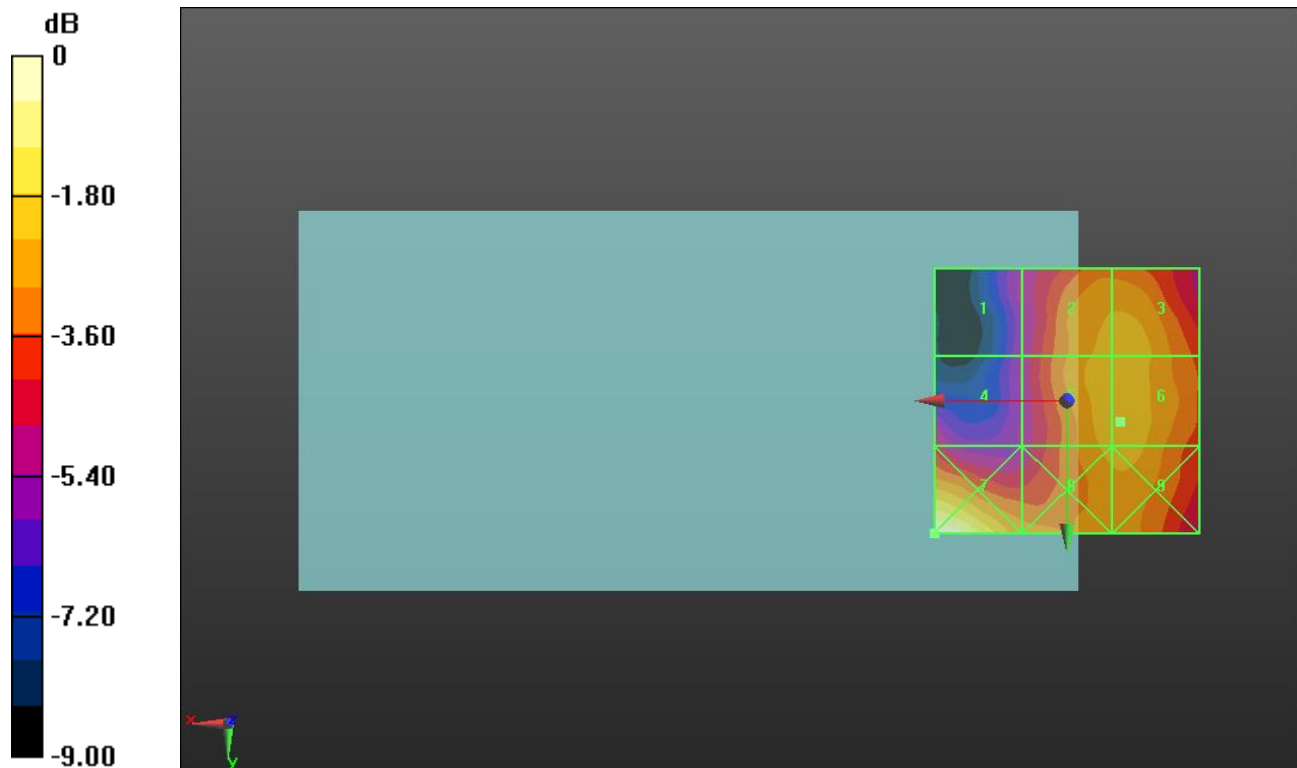
Applied MIF = 3.63 dB

RF audio interference level = 24.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.59 dBV/m	Grid 2 M4 24.59 dBV/m	Grid 3 M4 24.61 dBV/m
Grid 4 M4 22.32 dBV/m	Grid 5 M4 24.8 dBV/m	Grid 6 M4 24.86 dBV/m
Grid 7 M4 26.73 dBV/m	Grid 8 M4 24.58 dBV/m	Grid 9 M4 24.63 dBV/m



0 dB = 21.70 V/m = 26.73 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.1013/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 = 59.49 V/m; Power Drift = -0.34 dB

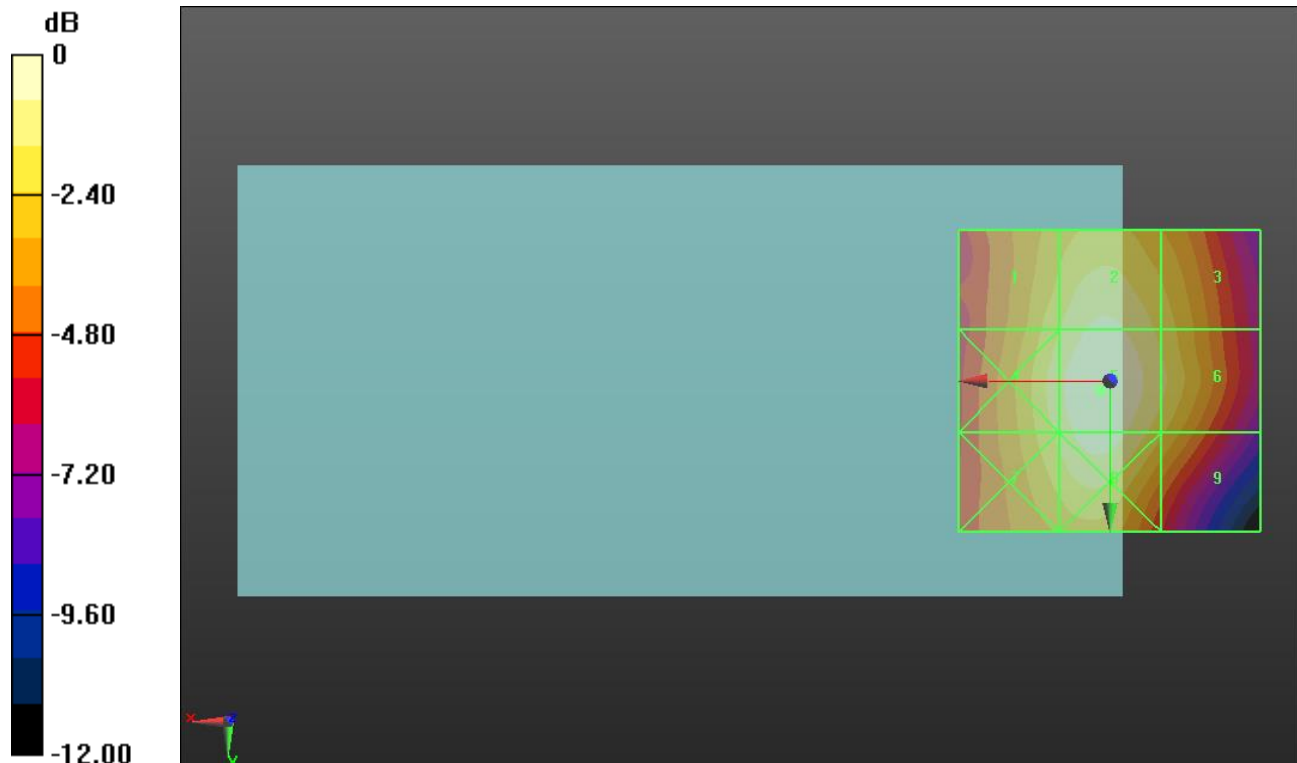
Applied MIF = 3.26 dB

RF audio interference level = 33.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.53 dBV/m	Grid 2 M4 32.56 dBV/m	Grid 3 M4 31.34 dBV/m
Grid 4 M4 32.13 dBV/m	Grid 5 M4 33.16 dBV/m	Grid 6 M4 31.78 dBV/m
Grid 7 M4 31.79 dBV/m	Grid 8 M4 32.81 dBV/m	Grid 9 M4 30.95 dBV/m



0 dB = 45.52 V/m = 33.16 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.384/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 = 58.88 V/m; Power Drift = 0.08 dB

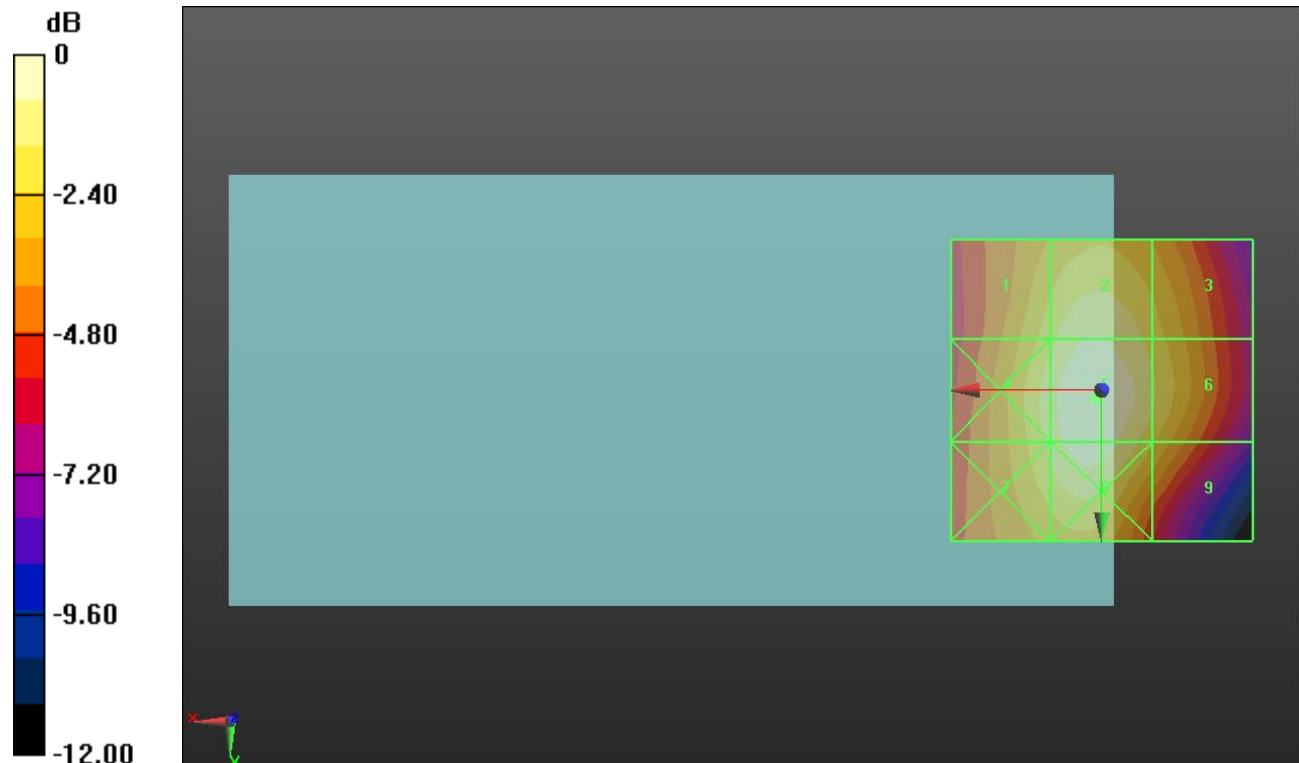
Applied MIF = 3.26 dB

RF audio interference level = 33.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.68 dBV/m	Grid 2 M4 32.75 dBV/m	Grid 3 M4 31.57 dBV/m
Grid 4 M4 32.41 dBV/m	Grid 5 M4 33.51 dBV/m	Grid 6 M4 32.05 dBV/m
Grid 7 M4 32.12 dBV/m	Grid 8 M4 33.14 dBV/m	Grid 9 M4 31.24 dBV/m



0 dB = 47.38 V/m = 33.51 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.777/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 = 59.84 V/m; Power Drift = 0.00 dB

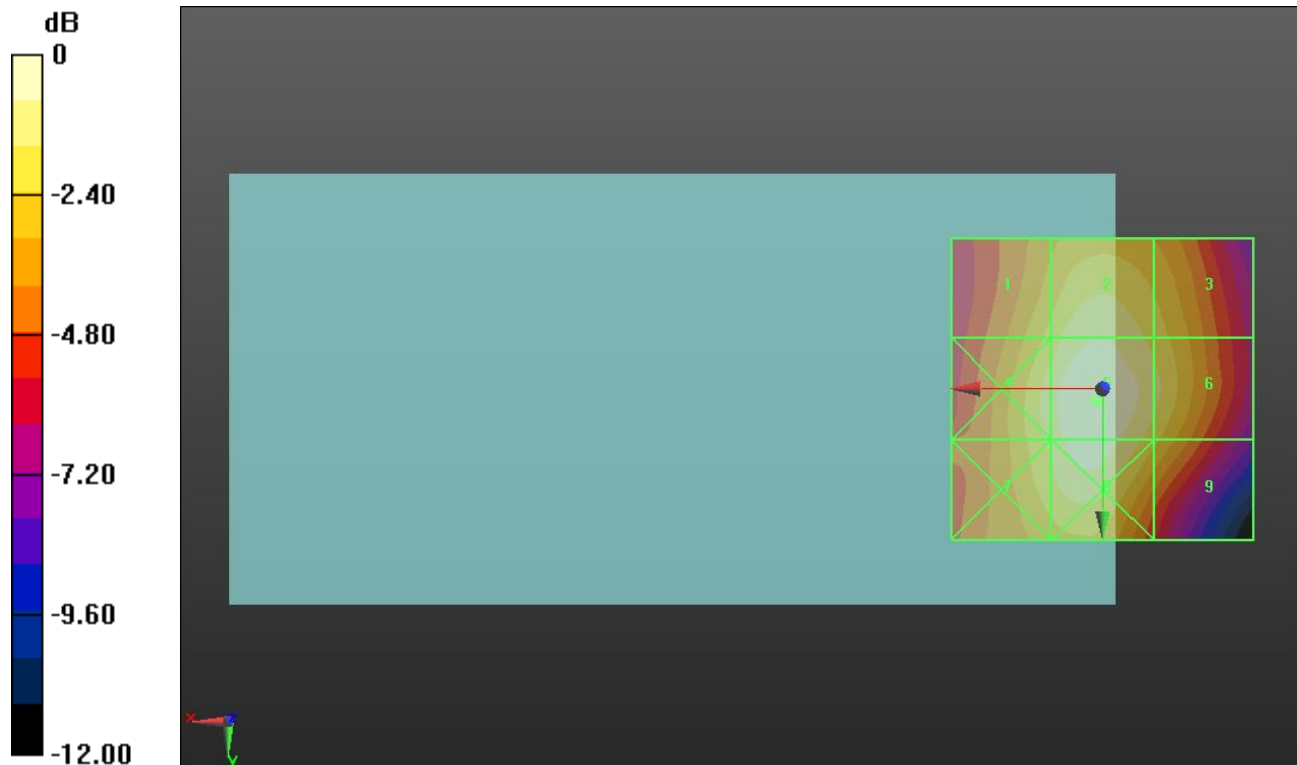
Applied MIF = 3.26 dB

RF audio interference level = 33.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.53 dBV/m	Grid 2 M4 32.71 dBV/m	Grid 3 M4 31.68 dBV/m
Grid 4 M4 32.47 dBV/m	Grid 5 M4 33.55 dBV/m	Grid 6 M4 32.22 dBV/m
Grid 7 M4 32.24 dBV/m	Grid 8 M4 33.21 dBV/m	Grid 9 M4 31.4 dBV/m



0 dB = 47.59 V/m = 33.55 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.25/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 = 10.61 V/m; Power Drift = -0.15 dB

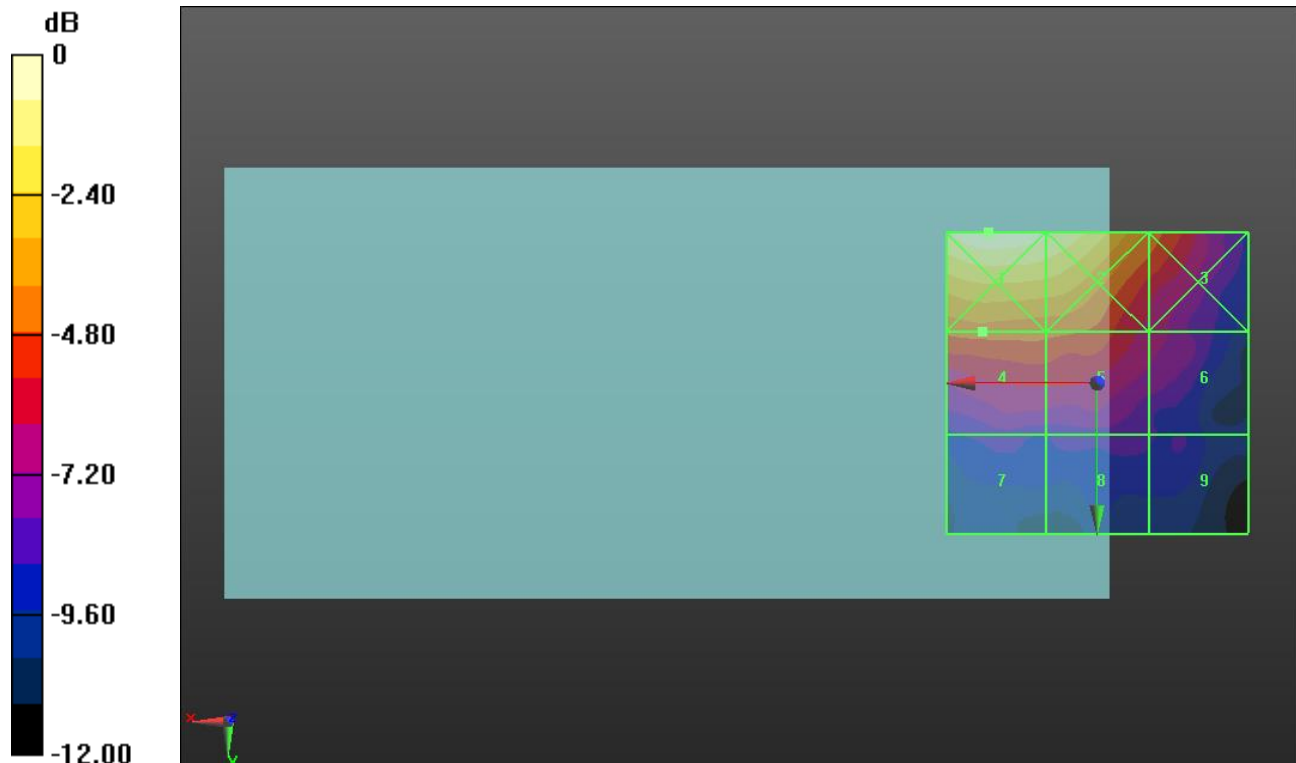
Applied MIF = 3.26 dB

RF audio interference level = 23.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.32 dBV/m	Grid 2 M4 27.75 dBV/m	Grid 3 M4 24.2 dBV/m
Grid 4 M4 23.92 dBV/m	Grid 5 M4 23.78 dBV/m	Grid 6 M4 21.69 dBV/m
Grid 7 M4 20.14 dBV/m	Grid 8 M4 20.1 dBV/m	Grid 9 M4 19.66 dBV/m



0 dB = 26.07 V/m = 28.32 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.600/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 = 10.93 V/m; Power Drift = -0.06 dB

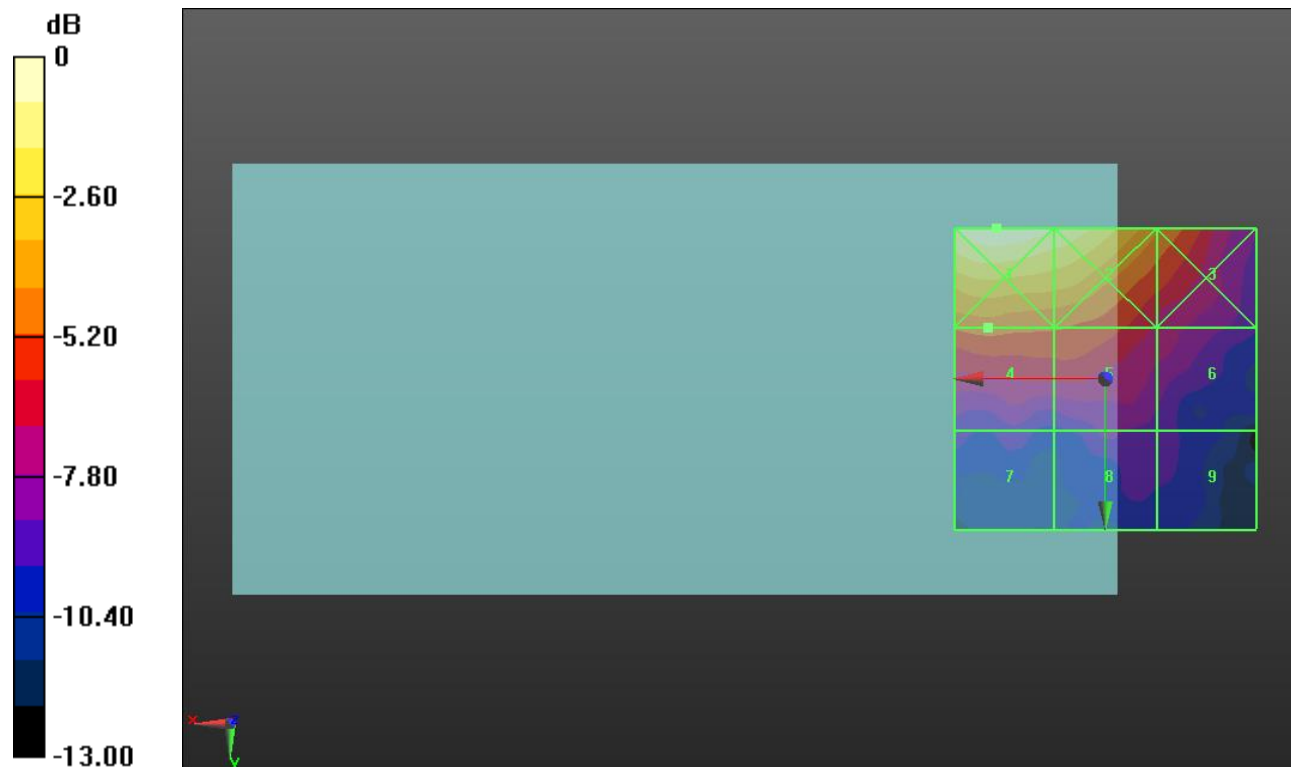
Applied MIF = 3.26 dB

RF audio interference level = 23.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.72 dBV/m	Grid 2 M4 27.96 dBV/m	Grid 3 M4 24.57 dBV/m
Grid 4 M4 23.91 dBV/m	Grid 5 M4 23.63 dBV/m	Grid 6 M4 21.56 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 20.29 dBV/m	Grid 9 M4 19.78 dBV/m



0 dB = 27.30 V/m = 28.72 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.1175/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 = 10.78 V/m; Power Drift = -0.07 dB

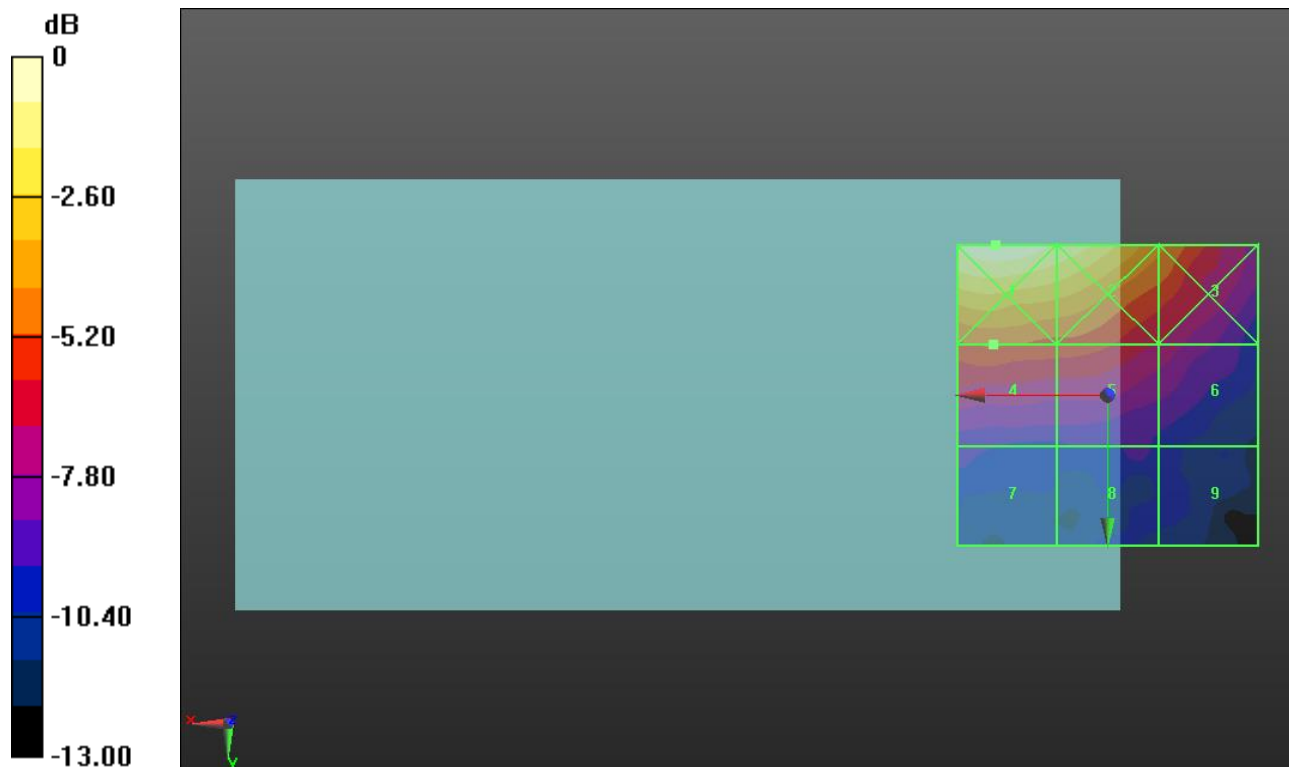
Applied MIF = 3.26 dB

RF audio interference level = 23.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.83 dBV/m	Grid 2 M4 27.96 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 23.77 dBV/m	Grid 5 M4 23.38 dBV/m	Grid 6 M4 21.86 dBV/m
Grid 7 M4 20.1 dBV/m	Grid 8 M4 19.58 dBV/m	Grid 9 M4 19.19 dBV/m



0 dB = 27.65 V/m = 28.83 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.450/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 = 53.36 V/m; Power Drift = 0.03 dB

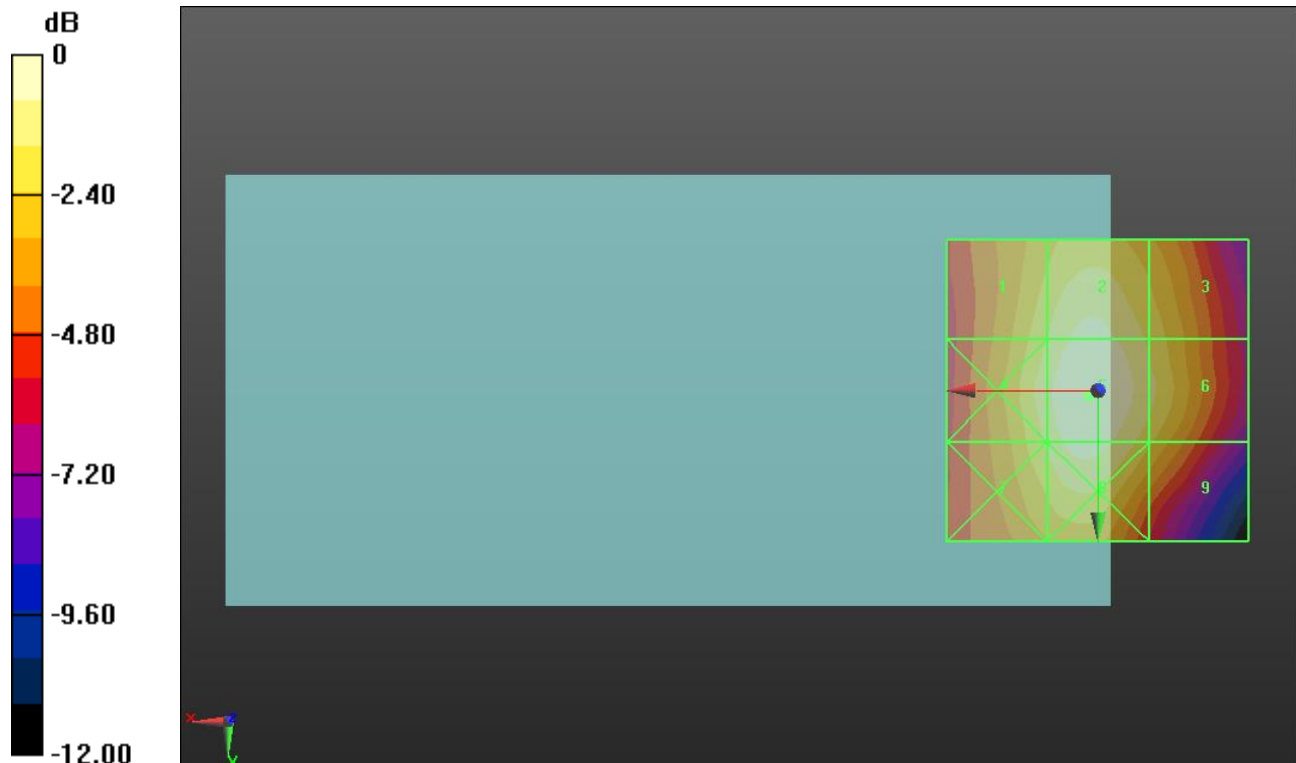
Applied MIF = 3.26 dB

RF audio interference level = 32.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.02 dBV/m	Grid 2 M4 32.11 dBV/m	Grid 3 M4 30.87 dBV/m
Grid 4 M4 31.58 dBV/m	Grid 5 M4 32.62 dBV/m	Grid 6 M4 31.29 dBV/m
Grid 7 M4 31.16 dBV/m	Grid 8 M4 32.17 dBV/m	Grid 9 M4 30.39 dBV/m



0 dB = 42.77 V/m = 32.62 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.560/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 = 54.85 V/m; Power Drift = 0.04 dB

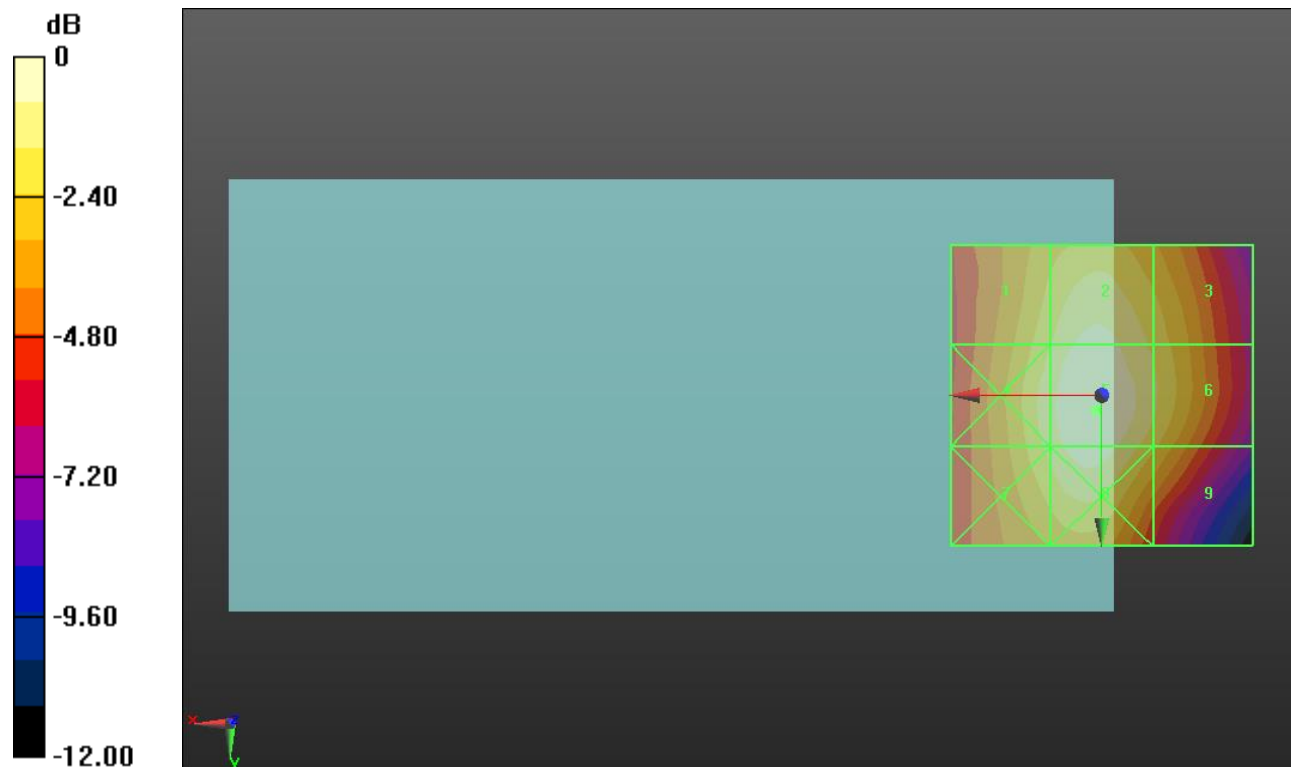
Applied MIF = 3.26 dB

RF audio interference level = 32.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.17 dBV/m	Grid 2 M4 32.28 dBV/m	Grid 3 M4 31.04 dBV/m
Grid 4 M4 31.79 dBV/m	Grid 5 M4 32.8 dBV/m	Grid 6 M4 31.4 dBV/m
Grid 7 M4 31.48 dBV/m	Grid 8 M4 32.43 dBV/m	Grid 9 M4 30.59 dBV/m



0 dB = 43.65 V/m = 32.80 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.670/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 = 55.18 V/m; Power Drift = 0.02 dB

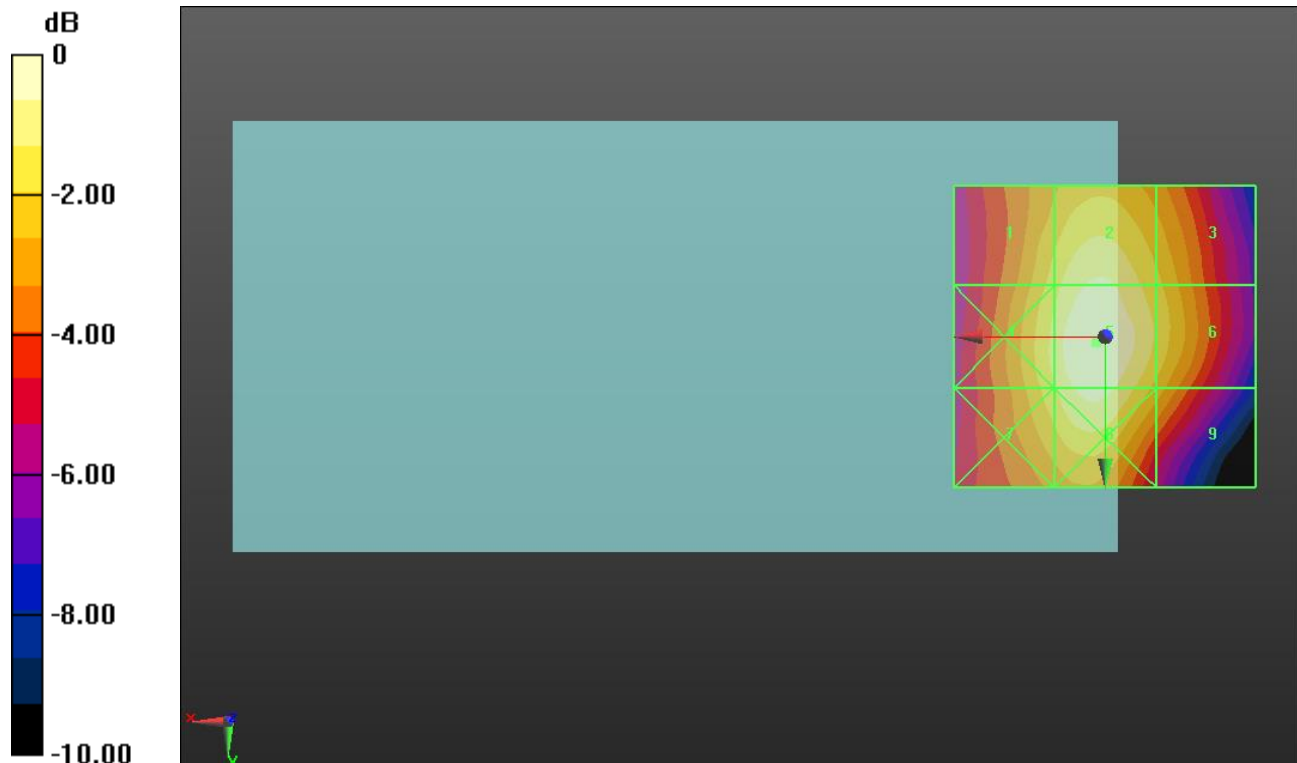
Applied MIF = 3.26 dB

RF audio interference level = 32.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.29 dBV/m	Grid 2 M4 32.37 dBV/m	Grid 3 M4 31.13 dBV/m
Grid 4 M4 31.83 dBV/m	Grid 5 M4 32.92 dBV/m	Grid 6 M4 31.49 dBV/m
Grid 7 M4 31.5 dBV/m	Grid 8 M4 32.51 dBV/m	Grid 9 M4 30.67 dBV/m



0 dB = 44.26 V/m = 32.92 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 38.98 V/m; Power Drift = -0.01 dB

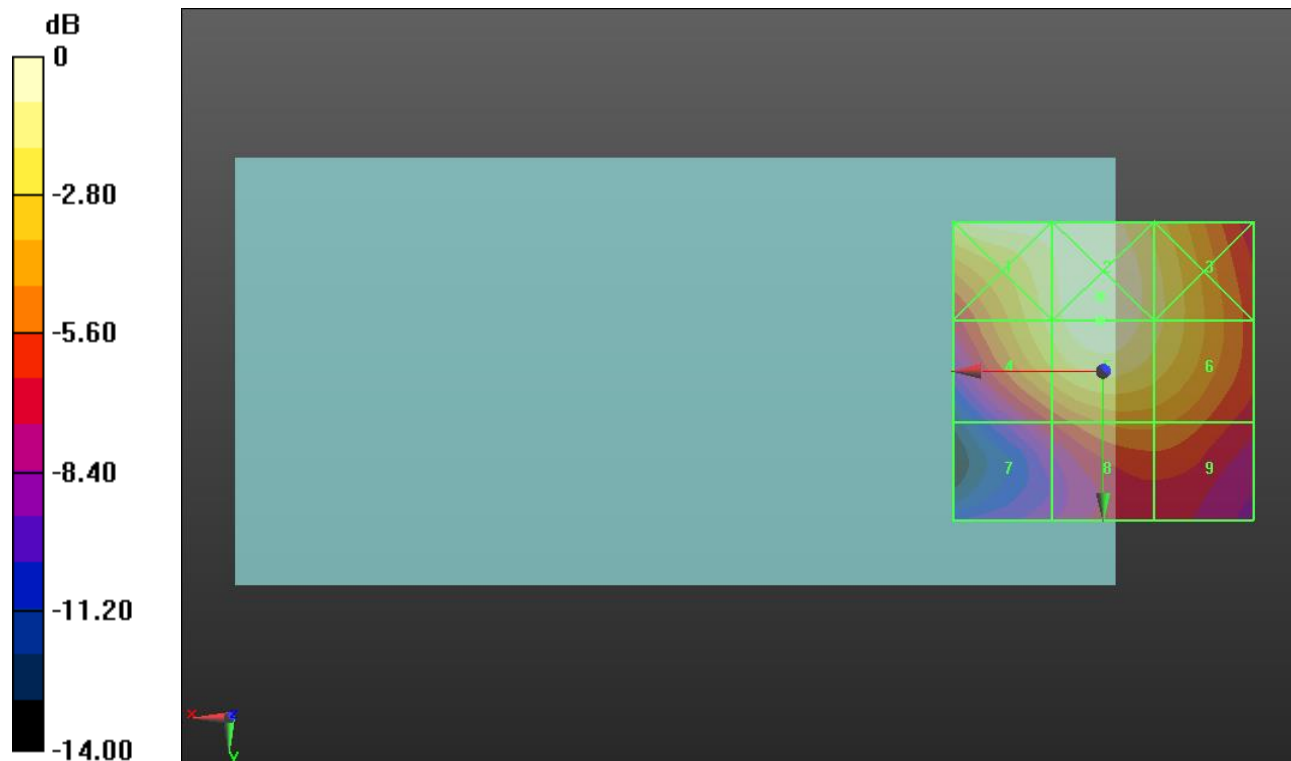
Applied MIF = -1.44 dB

RF audio interference level = 28.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.2 dBV/m	Grid 2 M4 28.47 dBV/m	Grid 3 M4 27.06 dBV/m
Grid 4 M4 26.99 dBV/m	Grid 5 M4 28.29 dBV/m	Grid 6 M4 26.98 dBV/m
Grid 7 M4 22.07 dBV/m	Grid 8 M4 24.18 dBV/m	Grid 9 M4 24.07 dBV/m



0 dB = 26.51 V/m = 28.47 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 44.17 V/m; Power Drift = -0.00 dB

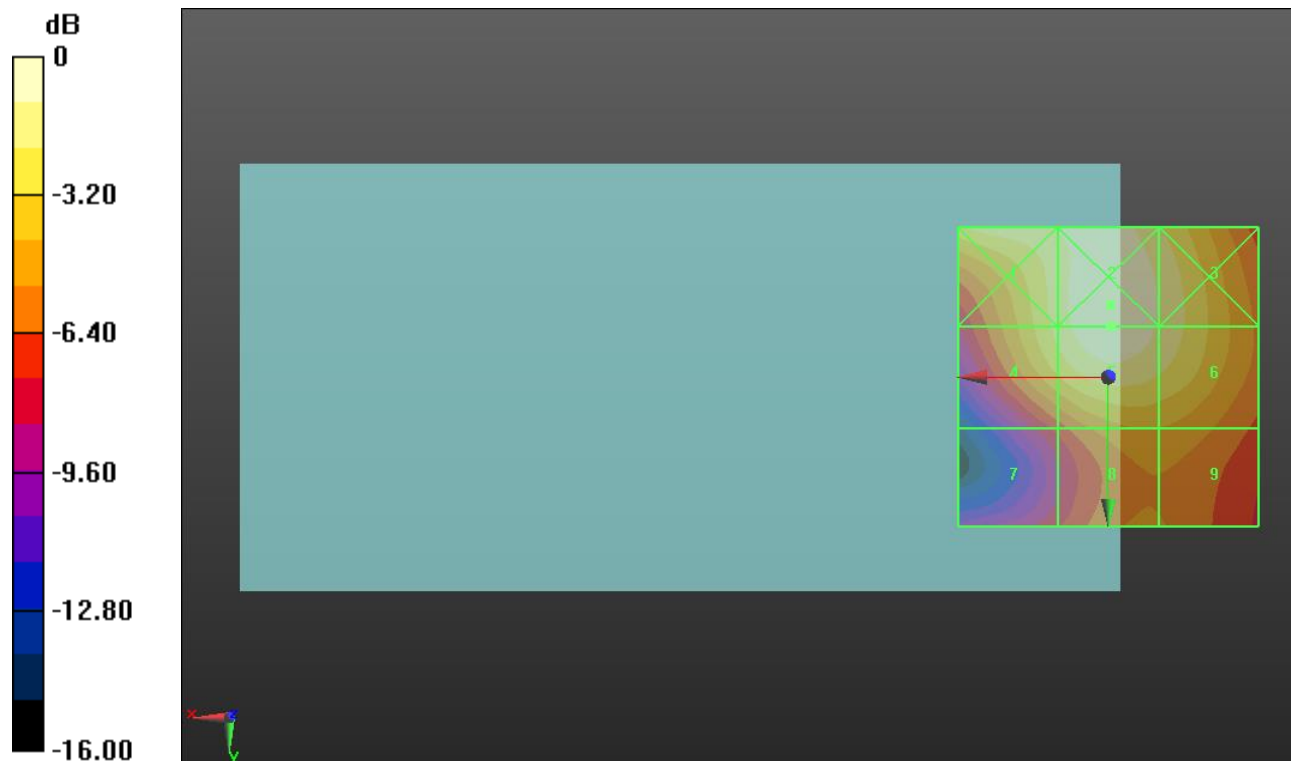
Applied MIF = -1.44 dB

RF audio interference level = 29.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.51 dBV/m	Grid 2 M4 29.44 dBV/m	Grid 3 M4 28.31 dBV/m
Grid 4 M4 27.65 dBV/m	Grid 5 M4 29.27 dBV/m	Grid 6 M4 28.22 dBV/m
Grid 7 M4 22.42 dBV/m	Grid 8 M4 25.26 dBV/m	Grid 9 M4 25.17 dBV/m



0 dB = 29.64 V/m = 29.44 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 46.00 V/m; Power Drift = -0.04 dB

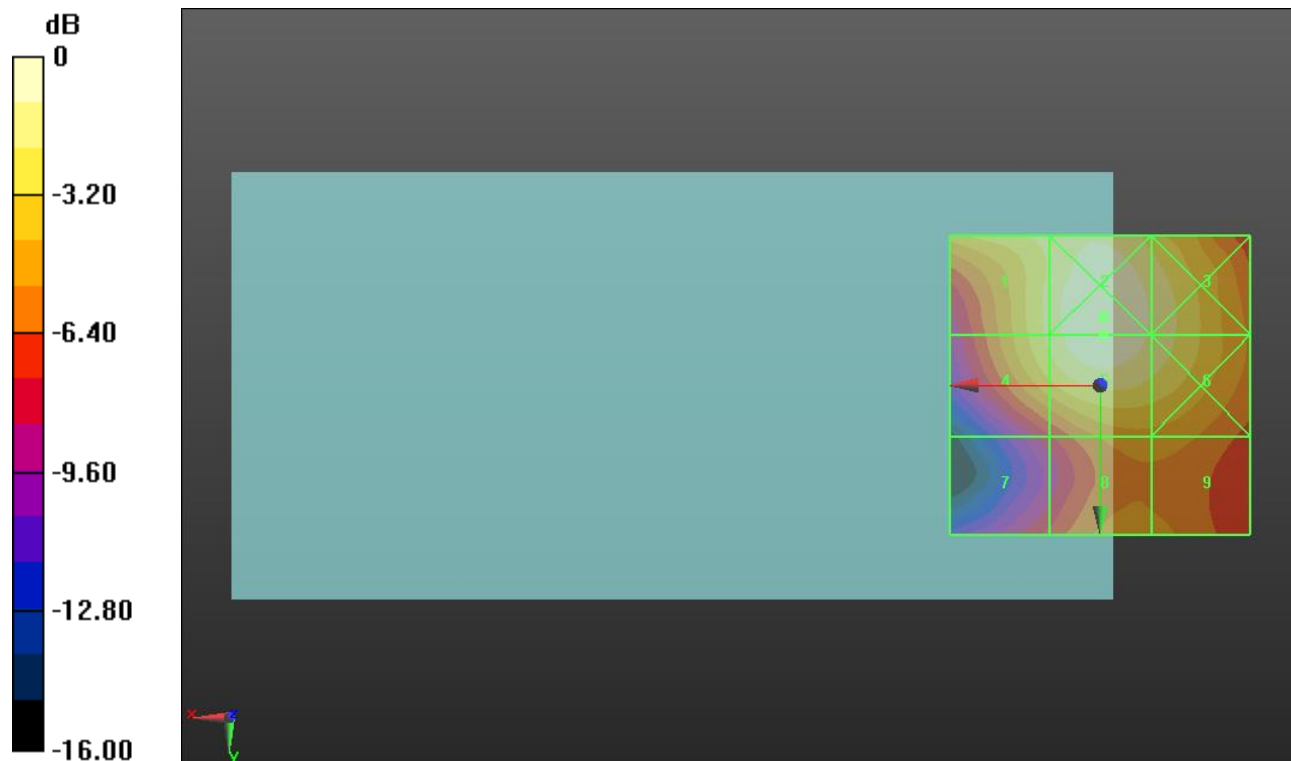
Applied MIF = -1.44 dB

RF audio interference level = 29.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.95 dBV/m	Grid 2 M4 29.63 dBV/m	Grid 3 M4 28.49 dBV/m
Grid 4 M4 27.81 dBV/m	Grid 5 M4 29.49 dBV/m	Grid 6 M4 28.41 dBV/m
Grid 7 M4 22.57 dBV/m	Grid 8 M4 25.04 dBV/m	Grid 9 M4 25.03 dBV/m



0 dB = 30.31 V/m = 29.63 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 43.32 V/m; Power Drift = 0.00 dB

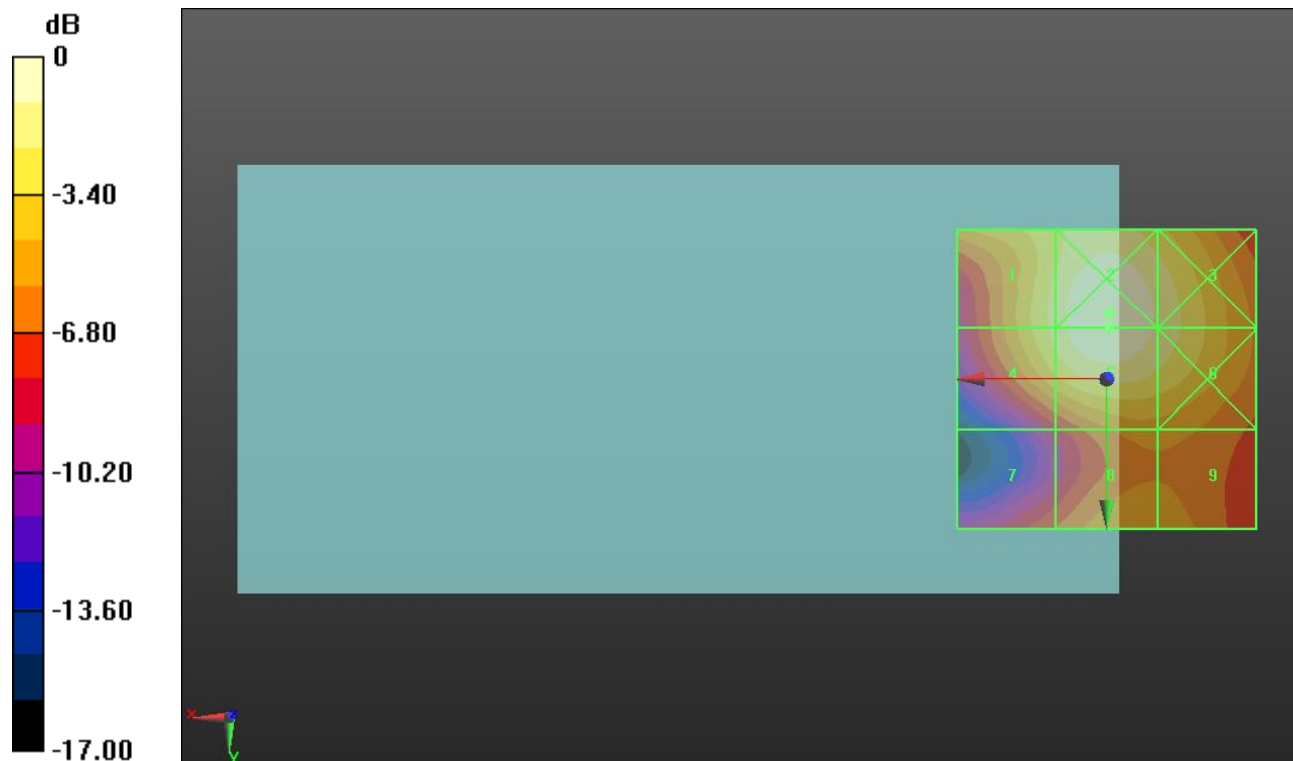
Applied MIF = -1.44 dB

RF audio interference level = 28.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.14 dBV/m	Grid 2 M4 28.84 dBV/m	Grid 3 M4 27.54 dBV/m
Grid 4 M4 27.04 dBV/m	Grid 5 M4 28.74 dBV/m	Grid 6 M4 27.48 dBV/m
Grid 7 M4 22.19 dBV/m	Grid 8 M4 24.21 dBV/m	Grid 9 M4 24.07 dBV/m



0 dB = 27.67 V/m = 28.84 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 37.09 V/m; Power Drift = 0.04 dB

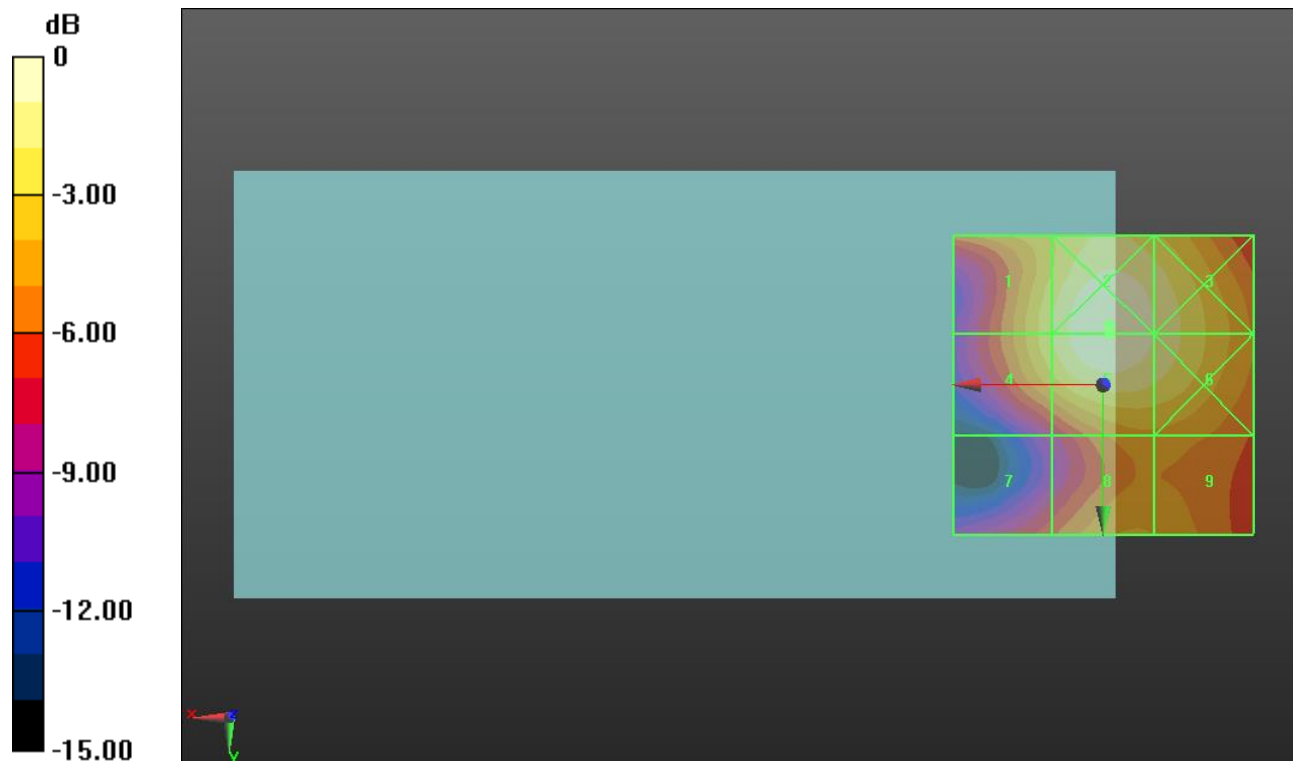
Applied MIF = -1.44 dB

RF audio interference level = 27.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.05 dBV/m	Grid 2 M4 27.03 dBV/m	Grid 3 M4 26.04 dBV/m
Grid 4 M4 25.03 dBV/m	Grid 5 M4 27 dBV/m	Grid 6 M4 26.02 dBV/m
Grid 7 M4 20.83 dBV/m	Grid 8 M4 23.17 dBV/m	Grid 9 M4 23.03 dBV/m



0 dB = 22.47 V/m = 27.03 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 512/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 = 12.35 V/m; Power Drift = 0.11 dB

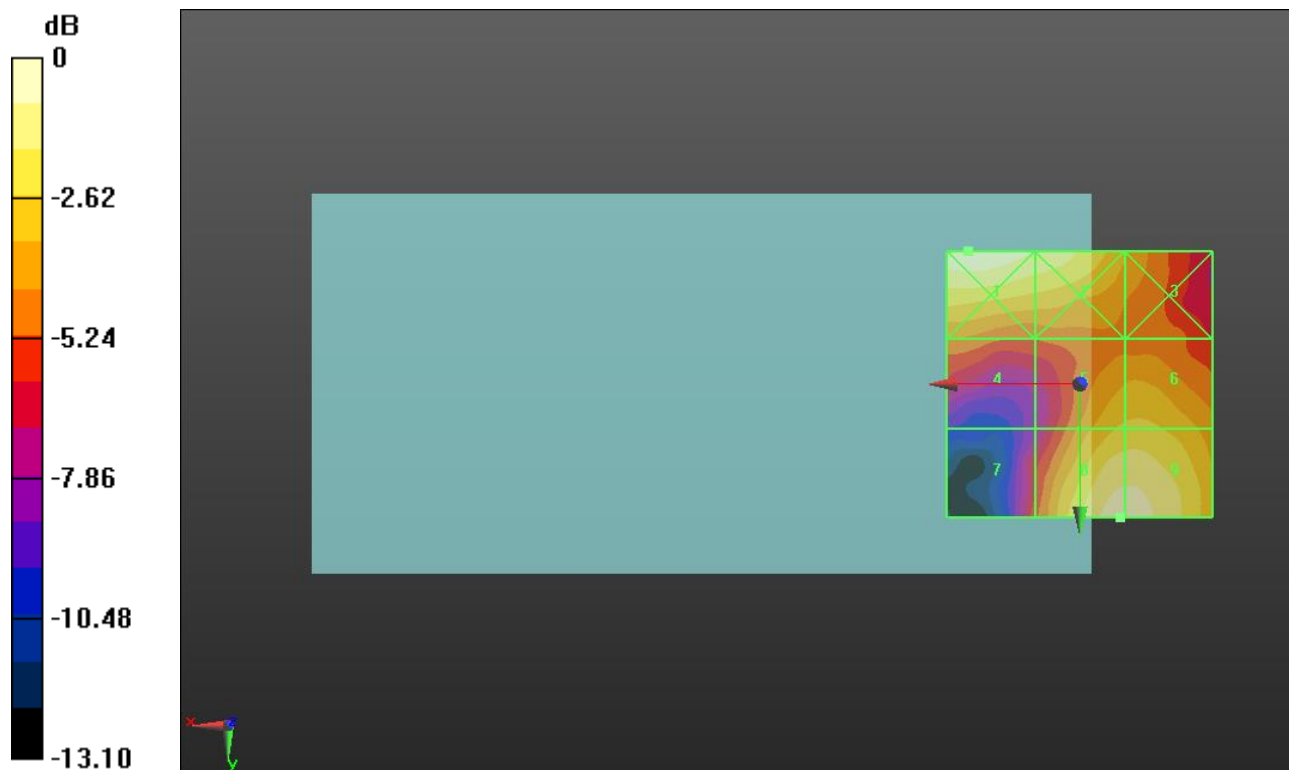
Applied MIF = 3.63 dB

RF audio interference level = 27.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.22 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 25.83 dBV/m	Grid 6 M4 25.92 dBV/m
Grid 7 M4 22.68 dBV/m	Grid 8 M4 27.78 dBV/m	Grid 9 M4 27.77 dBV/m



0 dB = 25.76 V/m = 28.22 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 661/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 = 11.88 V/m; Power Drift = -0.05 dB

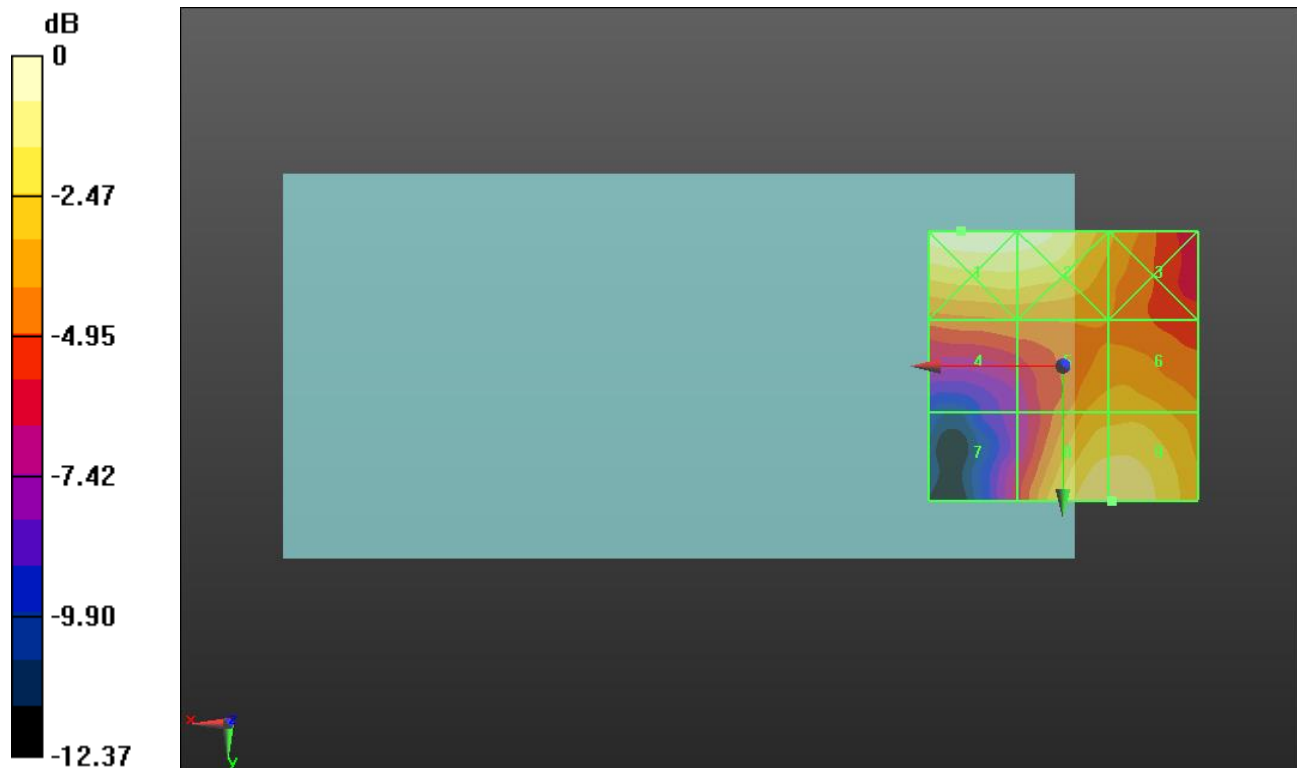
Applied MIF = 3.63 dB

RF audio interference level = 27.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.27 dBV/m	Grid 2 M4 28.05 dBV/m	Grid 3 M4 25.27 dBV/m
Grid 4 M4 24.2 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.55 dBV/m
Grid 7 M4 22.18 dBV/m	Grid 8 M4 27.42 dBV/m	Grid 9 M4 27.42 dBV/m



0 dB = 25.90 V/m = 28.27 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/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 = 13.72 V/m; Power Drift = 0.04 dB

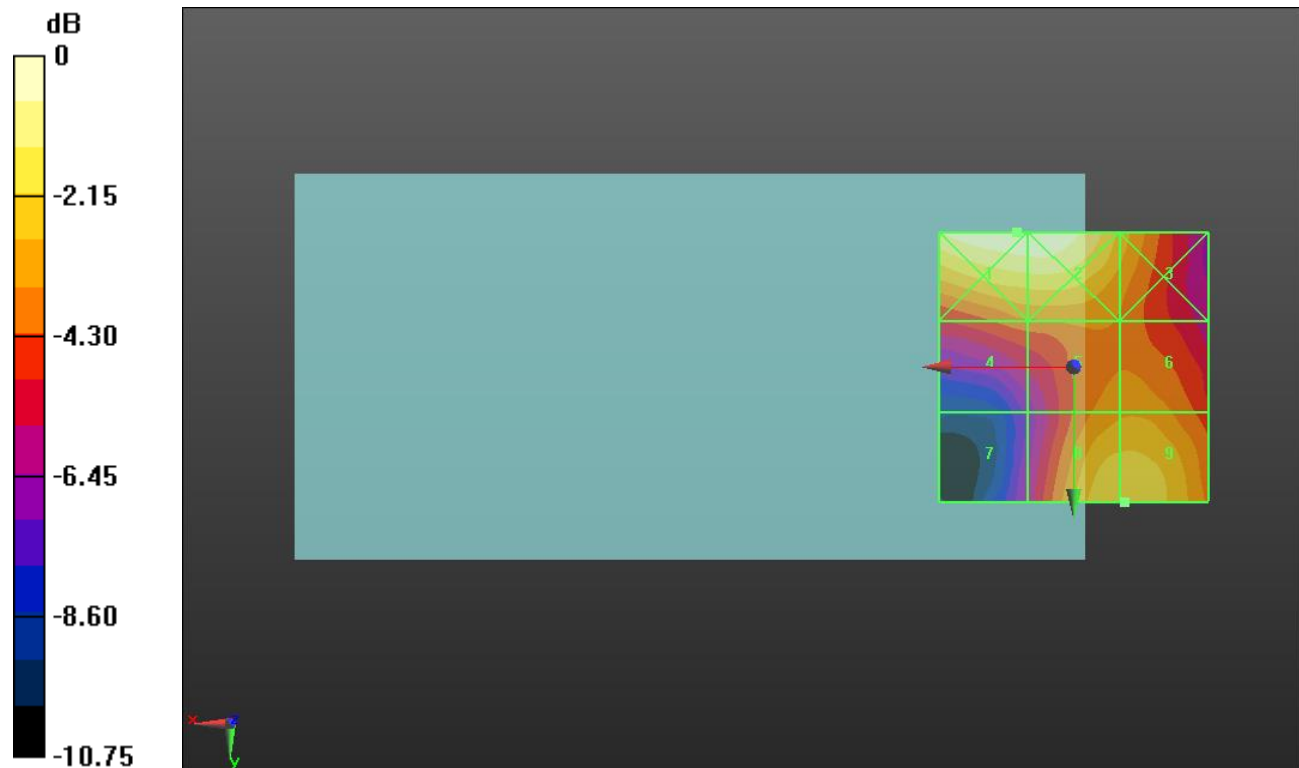
Applied MIF = 3.63 dB

RF audio interference level = 27.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.89 dBV/m	Grid 2 M4 28.88 dBV/m	Grid 3 M4 26.56 dBV/m
Grid 4 M4 25.2 dBV/m	Grid 5 M4 25.89 dBV/m	Grid 6 M4 25.96 dBV/m
Grid 7 M4 22.71 dBV/m	Grid 8 M4 27.46 dBV/m	Grid 9 M4 27.47 dBV/m



0 dB = 27.82 V/m = 28.89 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 15.81 V/m; Power Drift = -0.06 dB

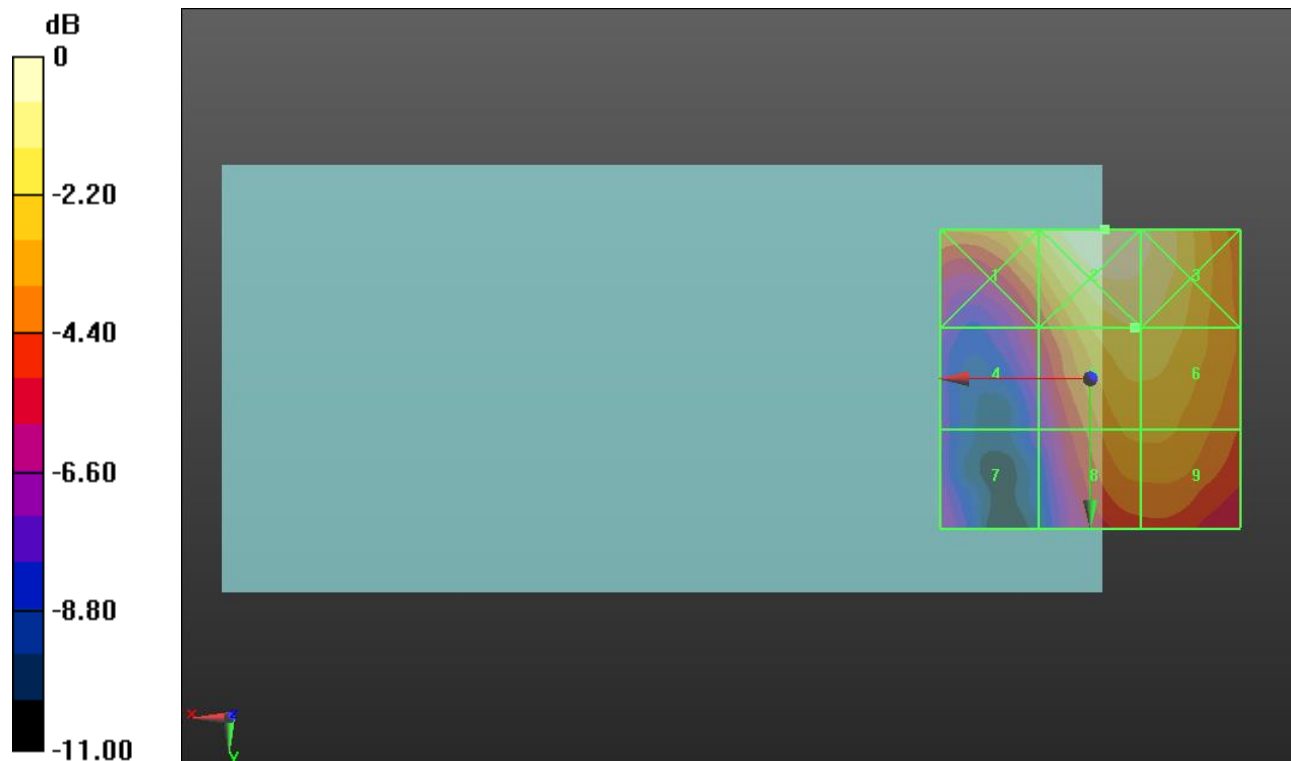
Applied MIF = -1.44 dB

RF audio interference level = 22.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.47 dBV/m	Grid 2 M4 23.95 dBV/m	Grid 3 M4 23.47 dBV/m
Grid 4 M4 18.88 dBV/m	Grid 5 M4 22.46 dBV/m	Grid 6 M4 22.45 dBV/m
Grid 7 M4 17.61 dBV/m	Grid 8 M4 21.2 dBV/m	Grid 9 M4 21.21 dBV/m



0 dB = 15.77 V/m = 23.96 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 13.73 V/m; Power Drift = -0.18 dB

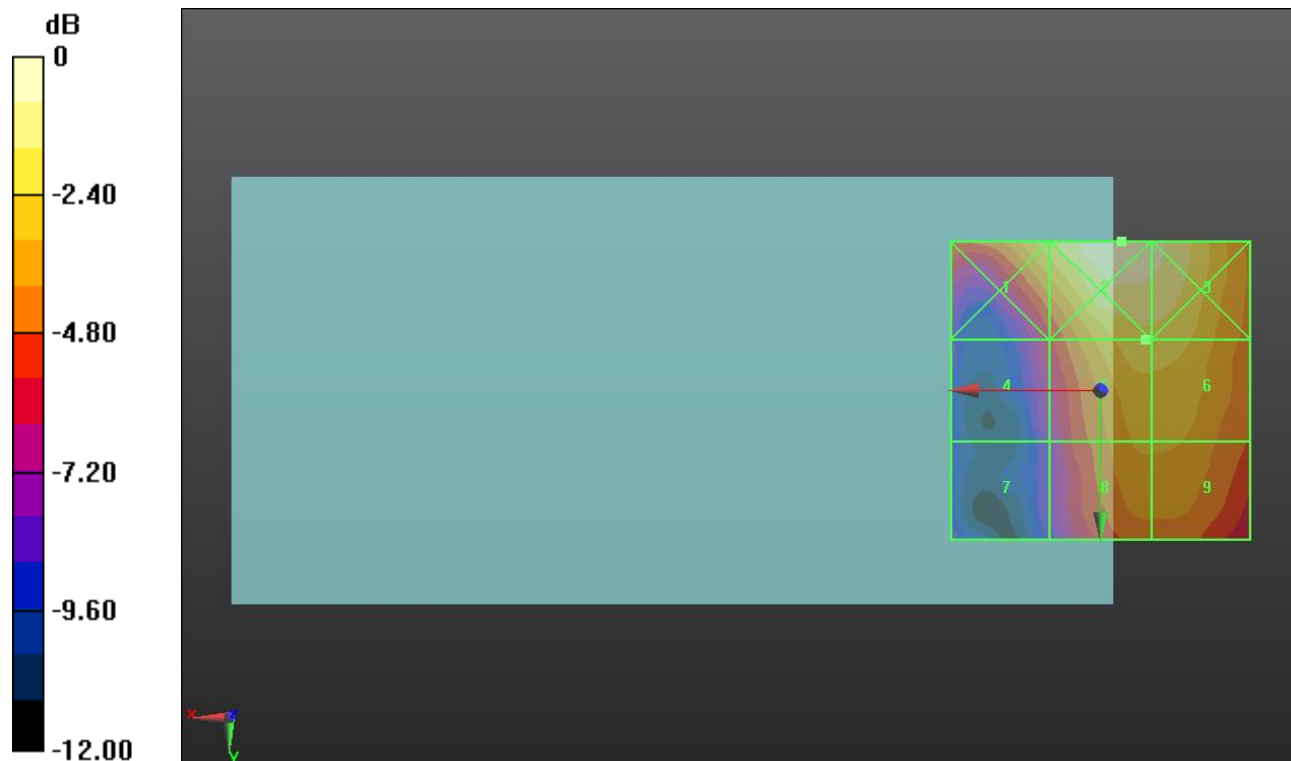
Applied MIF = -1.44 dB

RF audio interference level = 21.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.5 dBV/m	Grid 2 M4 23.23 dBV/m	Grid 3 M4 22.77 dBV/m
Grid 4 M4 17.46 dBV/m	Grid 5 M4 21.39 dBV/m	Grid 6 M4 21.38 dBV/m
Grid 7 M4 15.56 dBV/m	Grid 8 M4 20.17 dBV/m	Grid 9 M4 20.16 dBV/m



0 dB = 14.51 V/m = 23.23 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 13.95 V/m; Power Drift = -0.06 dB

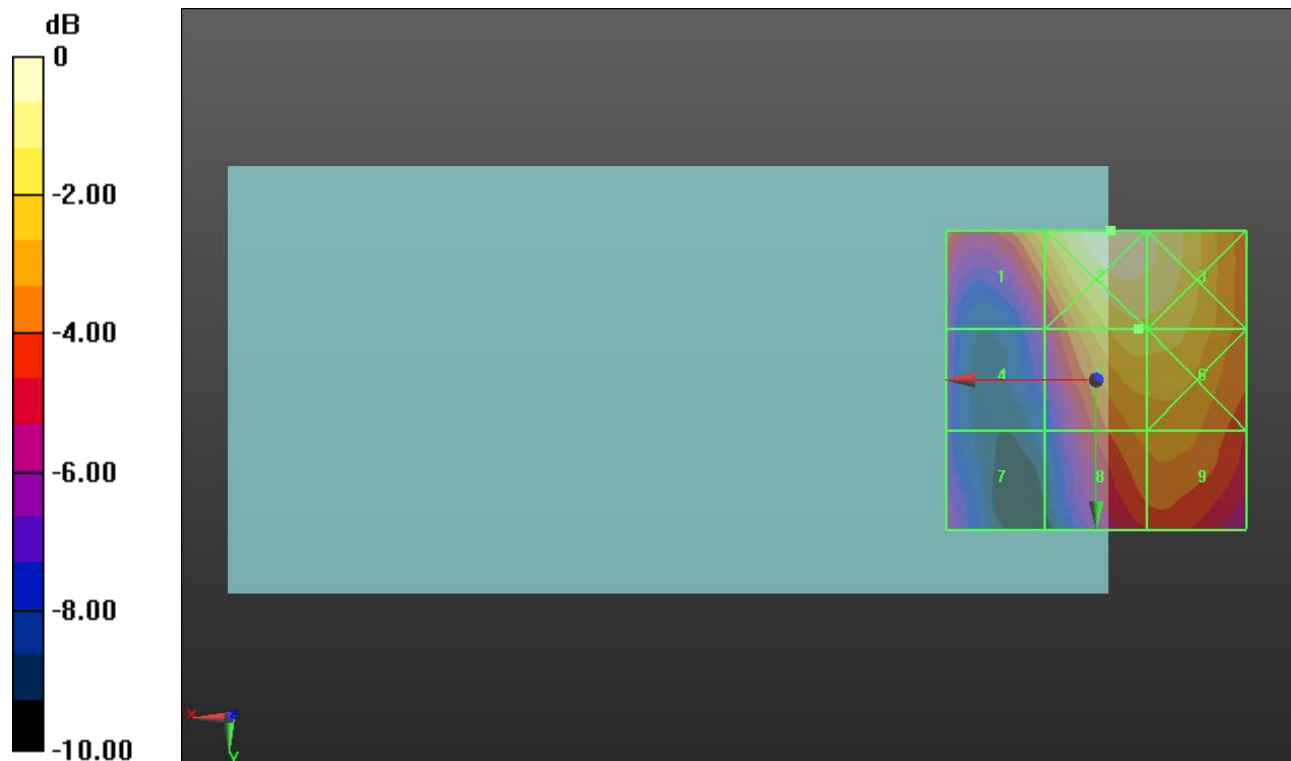
Applied MIF = -1.44 dB

RF audio interference level = 21.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.42 dBV/m	Grid 2 M4 23.4 dBV/m	Grid 3 M4 22.97 dBV/m
Grid 4 M4 17.71 dBV/m	Grid 5 M4 21.89 dBV/m	Grid 6 M4 21.86 dBV/m
Grid 7 M4 17.45 dBV/m	Grid 8 M4 20.31 dBV/m	Grid 9 M4 20.44 dBV/m



0 dB = 14.79 V/m = 23.40 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 15.88 V/m; Power Drift = -0.17 dB

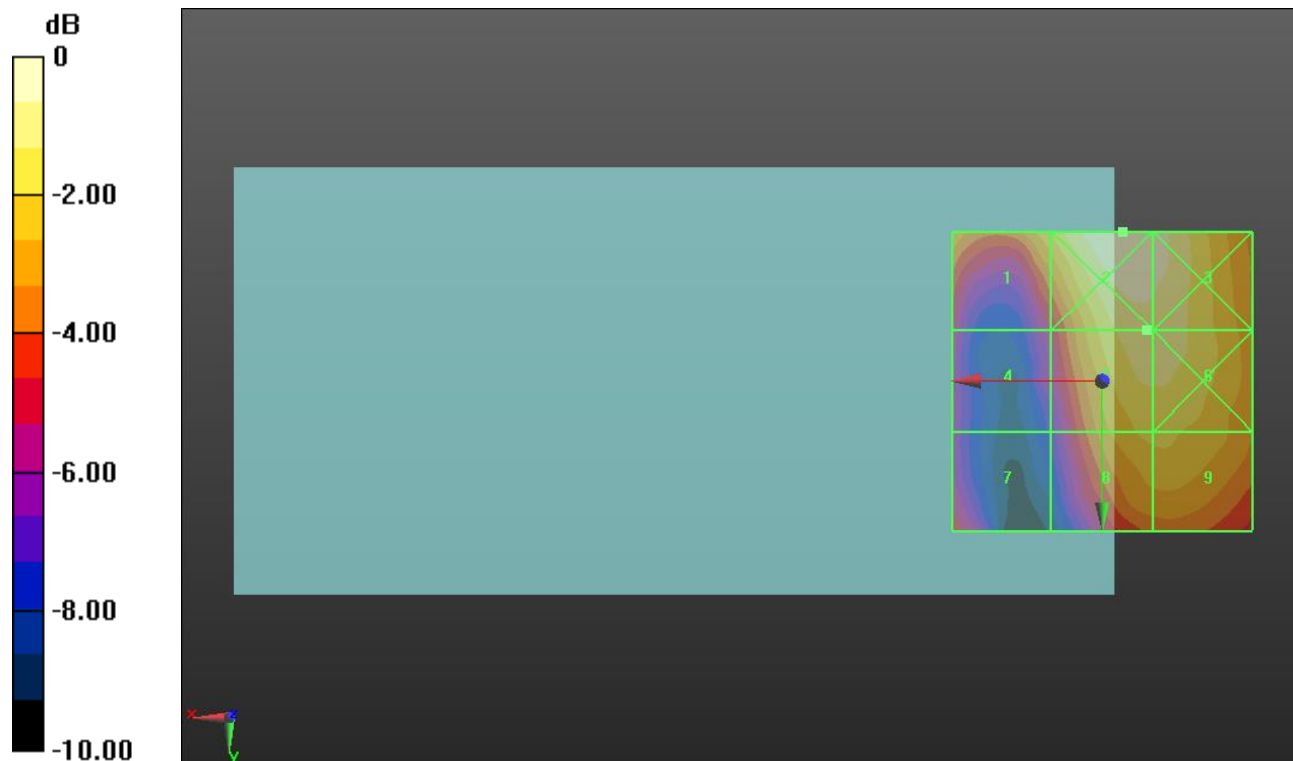
Applied MIF = -1.44 dB

RF audio interference level = 22.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.27 dBV/m	Grid 2 M4 23.16 dBV/m	Grid 3 M4 22.84 dBV/m
Grid 4 M4 18.14 dBV/m	Grid 5 M4 22.25 dBV/m	Grid 6 M4 22.24 dBV/m
Grid 7 M4 18.38 dBV/m	Grid 8 M4 21.34 dBV/m	Grid 9 M4 21.37 dBV/m



0 dB = 14.38 V/m = 23.16 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 14.32 V/m; Power Drift = -0.01 dB

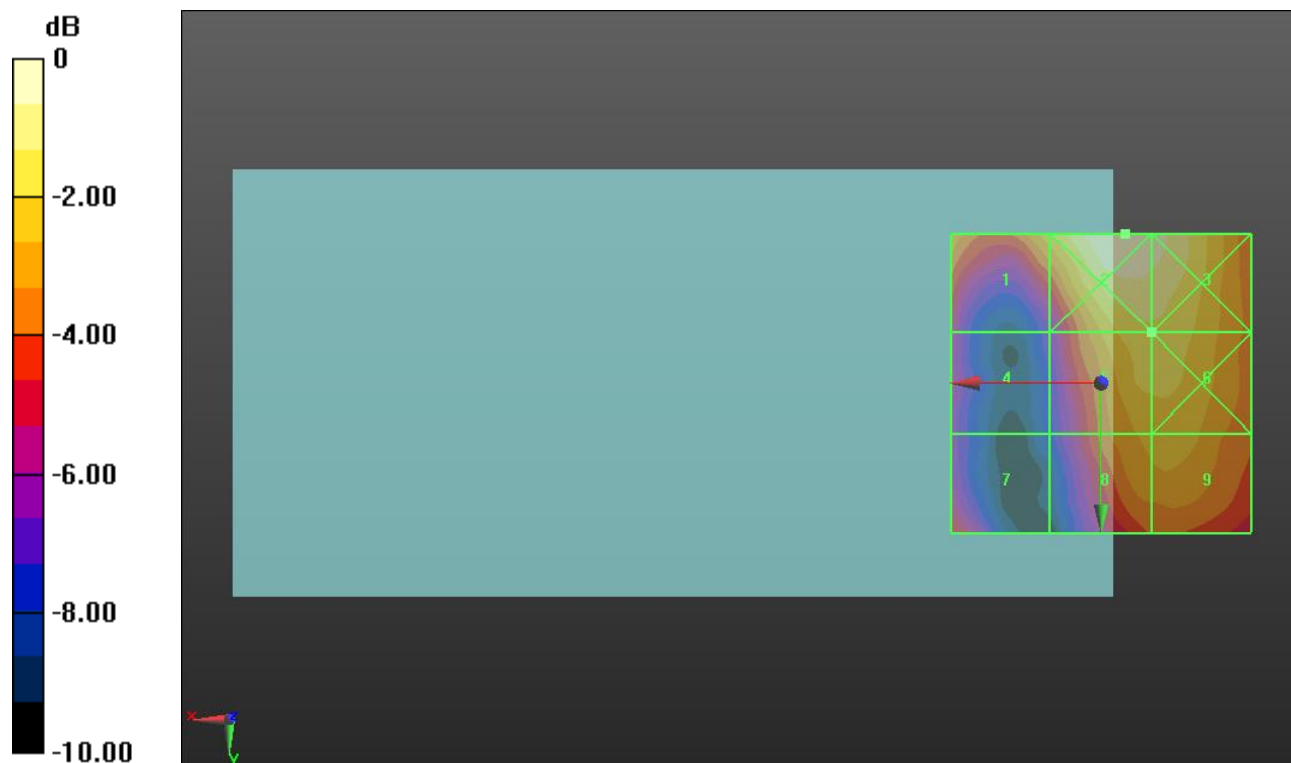
Applied MIF = -1.44 dB

RF audio interference level = 21.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.99 dBV/m	Grid 2 M4 23.07 dBV/m	Grid 3 M4 22.75 dBV/m
Grid 4 M4 17.79 dBV/m	Grid 5 M4 21.61 dBV/m	Grid 6 M4 21.61 dBV/m
Grid 7 M4 18.59 dBV/m	Grid 8 M4 20.61 dBV/m	Grid 9 M4 20.7 dBV/m



0 dB = 14.24 V/m = 23.07 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 39750/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 = 17.44 V/m; Power Drift = 0.03 dB

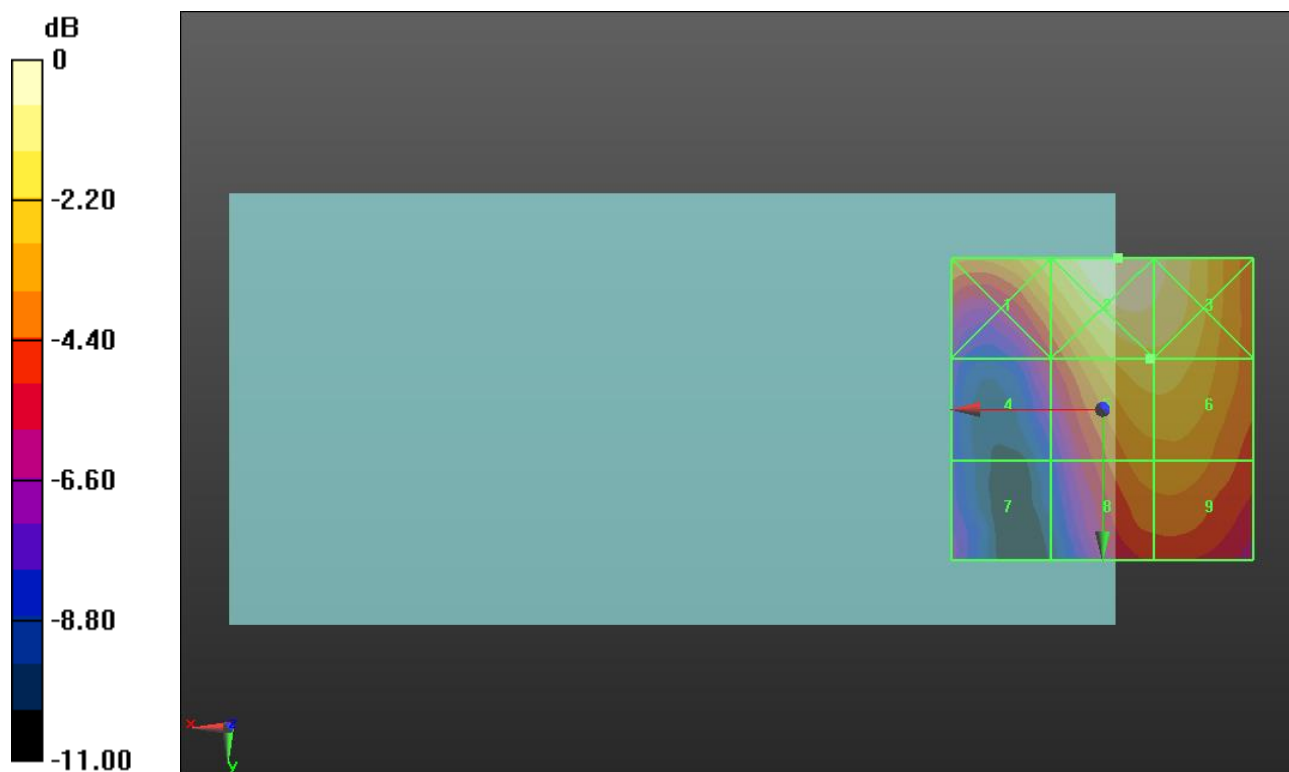
Applied MIF = -1.44 dB

RF audio interference level = 23.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.81 dBV/m	Grid 2 M4 25.36 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 23.72 dBV/m	Grid 6 M4 23.72 dBV/m
Grid 7 M4 18.48 dBV/m	Grid 8 M4 22.2 dBV/m	Grid 9 M4 22.28 dBV/m



0 dB = 18.53 V/m = 25.36 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/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 = 15.31 V/m; Power Drift = -0.07 dB

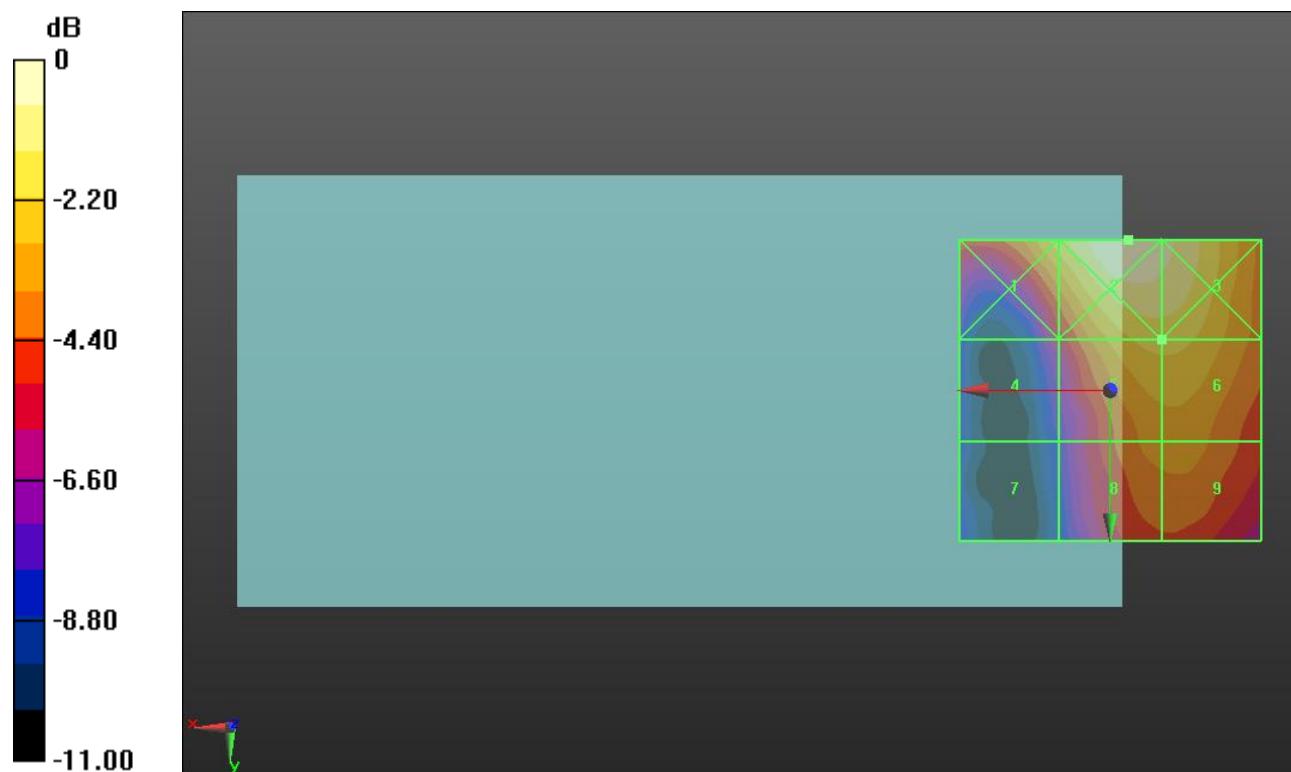
Applied MIF = -1.44 dB

RF audio interference level = 22.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.86 dBV/m	Grid 2 M4 24.61 dBV/m	Grid 3 M4 24.18 dBV/m
Grid 4 M4 18.93 dBV/m	Grid 5 M4 22.7 dBV/m	Grid 6 M4 22.7 dBV/m
Grid 7 M4 16.7 dBV/m	Grid 8 M4 21.22 dBV/m	Grid 9 M4 21.25 dBV/m



0 dB = 16.99 V/m = 24.60 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 40620/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 = 15.32 V/m; Power Drift = -0.02 dB

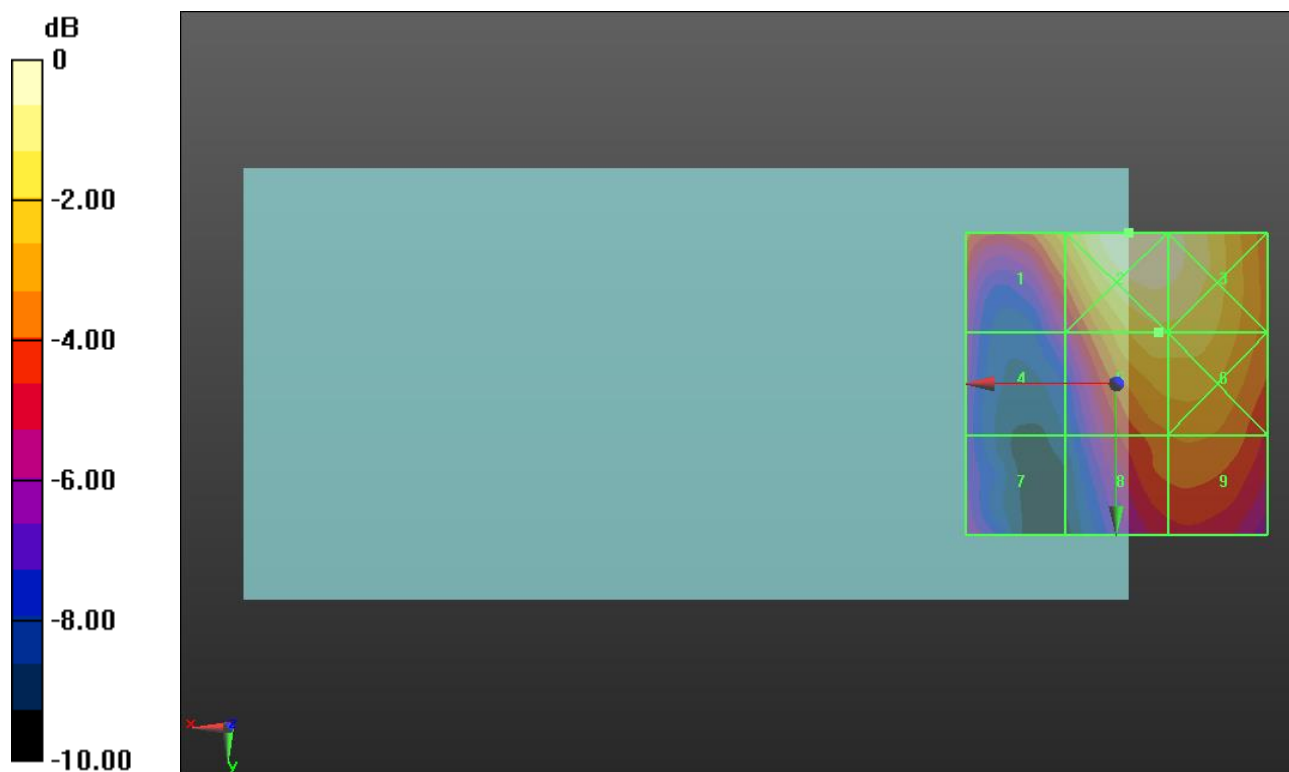
Applied MIF = -1.44 dB

RF audio interference level = 22.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.41 dBV/m	Grid 2 M4 24.5 dBV/m	Grid 3 M4 24.17 dBV/m
Grid 4 M4 18.86 dBV/m	Grid 5 M4 22.99 dBV/m	Grid 6 M4 22.98 dBV/m
Grid 7 M4 18.57 dBV/m	Grid 8 M4 21.12 dBV/m	Grid 9 M4 21.29 dBV/m



0 dB = 16.80 V/m = 24.51 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41055/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 = 17.53 V/m; Power Drift = -0.01 dB

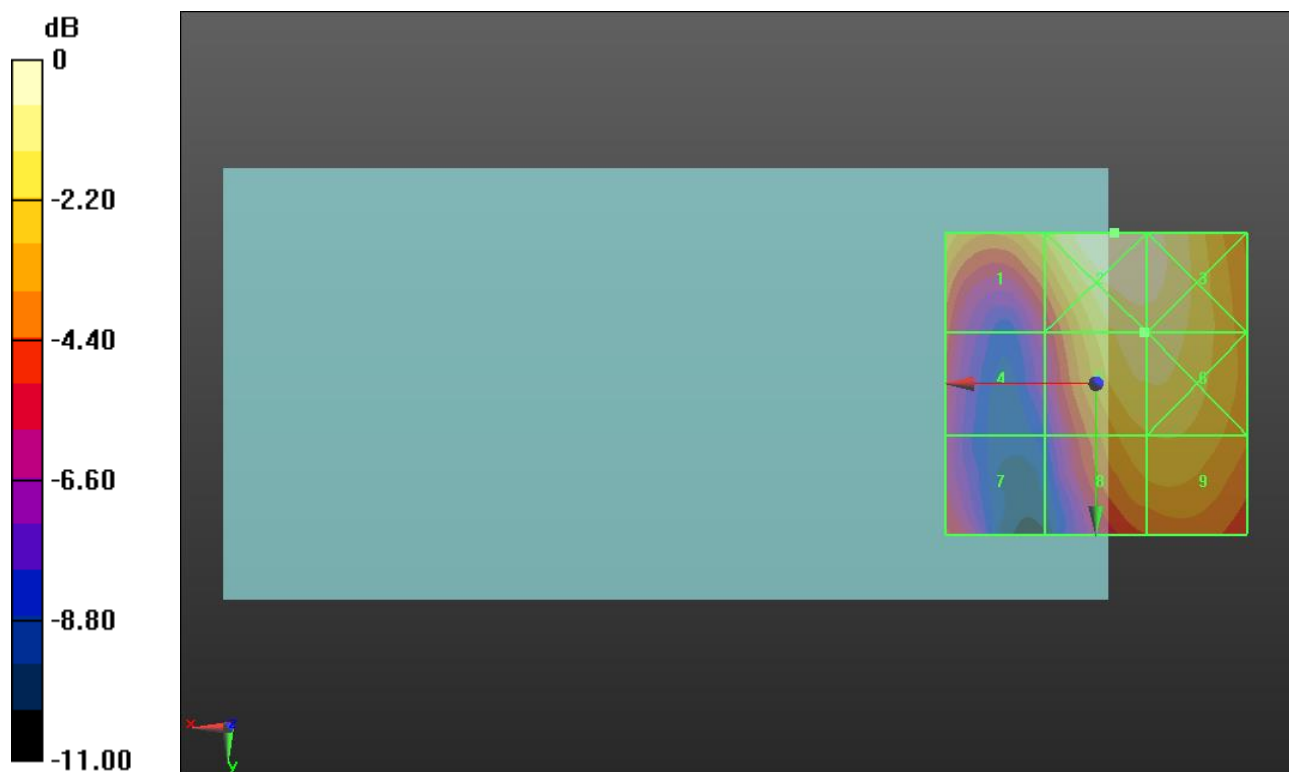
Applied MIF = -1.44 dB

RF audio interference level = 23.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.52 dBV/m	Grid 2 M4 24.45 dBV/m	Grid 3 M4 24.13 dBV/m
Grid 4 M4 19.78 dBV/m	Grid 5 M4 23.39 dBV/m	Grid 6 M4 23.39 dBV/m
Grid 7 M4 19.56 dBV/m	Grid 8 M4 22.21 dBV/m	Grid 9 M4 22.32 dBV/m



0 dB = 16.70 V/m = 24.45 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41490/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 = 15.81 V/m; Power Drift = 0.04 dB

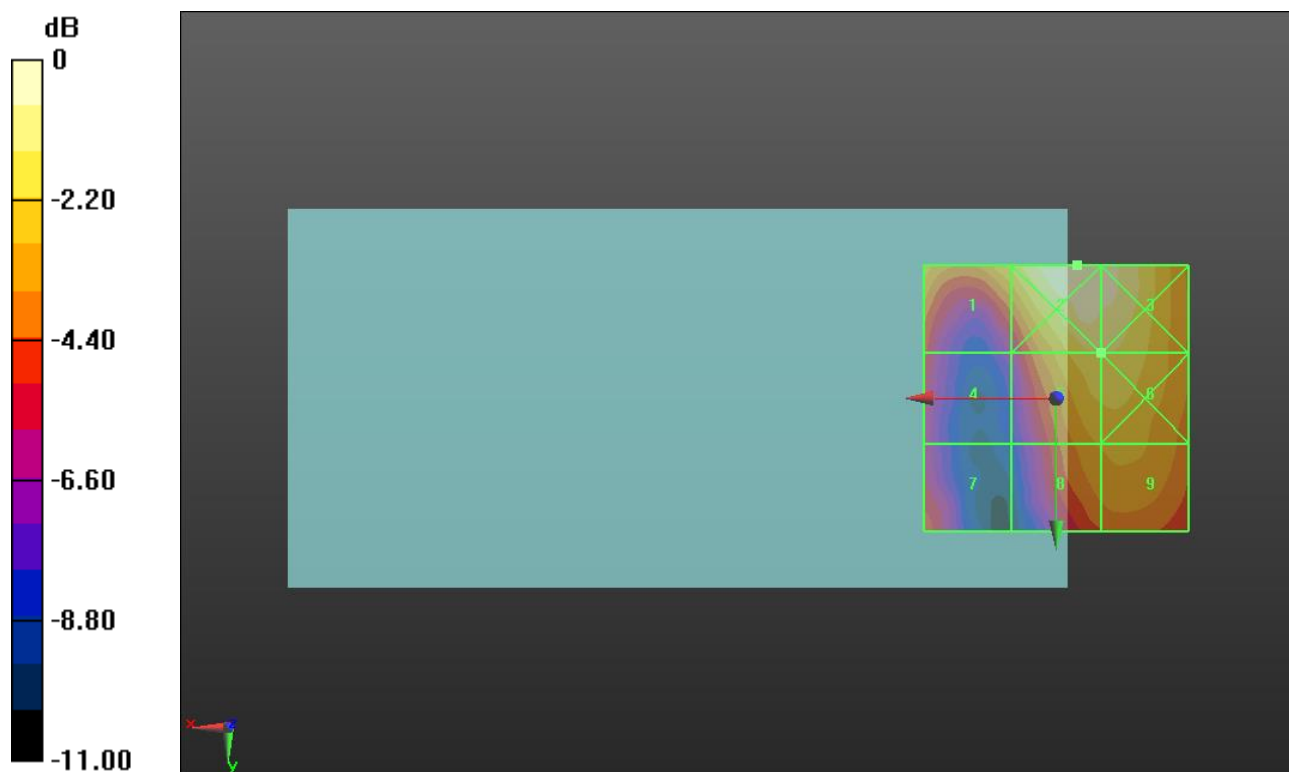
Applied MIF = -1.44 dB

RF audio interference level = 22.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.37 dBV/m	Grid 2 M4 24.31 dBV/m	Grid 3 M4 24.01 dBV/m
Grid 4 M4 19.57 dBV/m	Grid 5 M4 22.86 dBV/m	Grid 6 M4 22.86 dBV/m
Grid 7 M4 19.79 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 21.66 dBV/m



0 dB = 16.43 V/m = 24.31 dBV/m

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/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 = 20.24 V/m; Power Drift = 0.02 dB

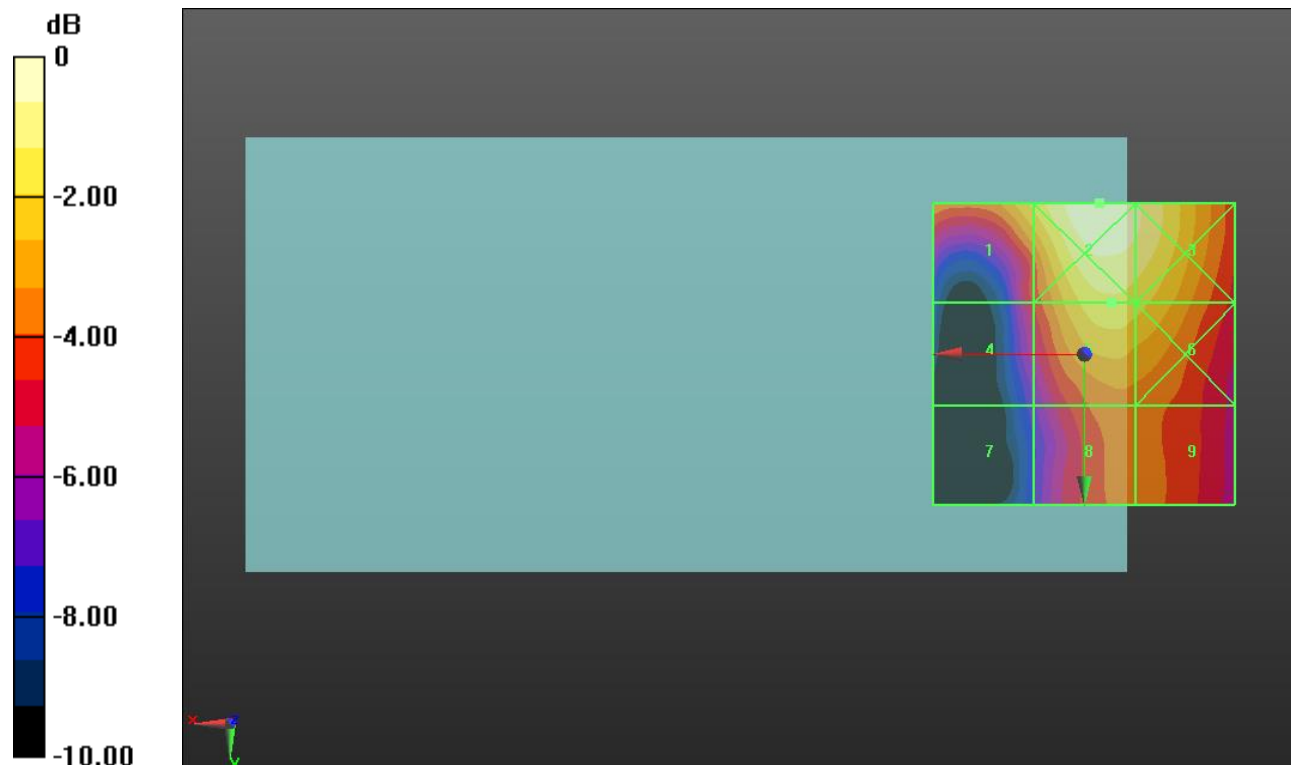
Applied MIF = -2.02 dB

RF audio interference level = 23.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.84 dBV/m	Grid 2 M4 24.64 dBV/m	Grid 3 M4 24.12 dBV/m
Grid 4 M4 20.05 dBV/m	Grid 5 M4 23.15 dBV/m	Grid 6 M4 22.92 dBV/m
Grid 7 M4 17.83 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 21.05 dBV/m



0 dB = 17.07 V/m = 24.64 dBV/m

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/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 = 18.30 V/m; Power Drift = -0.05 dB

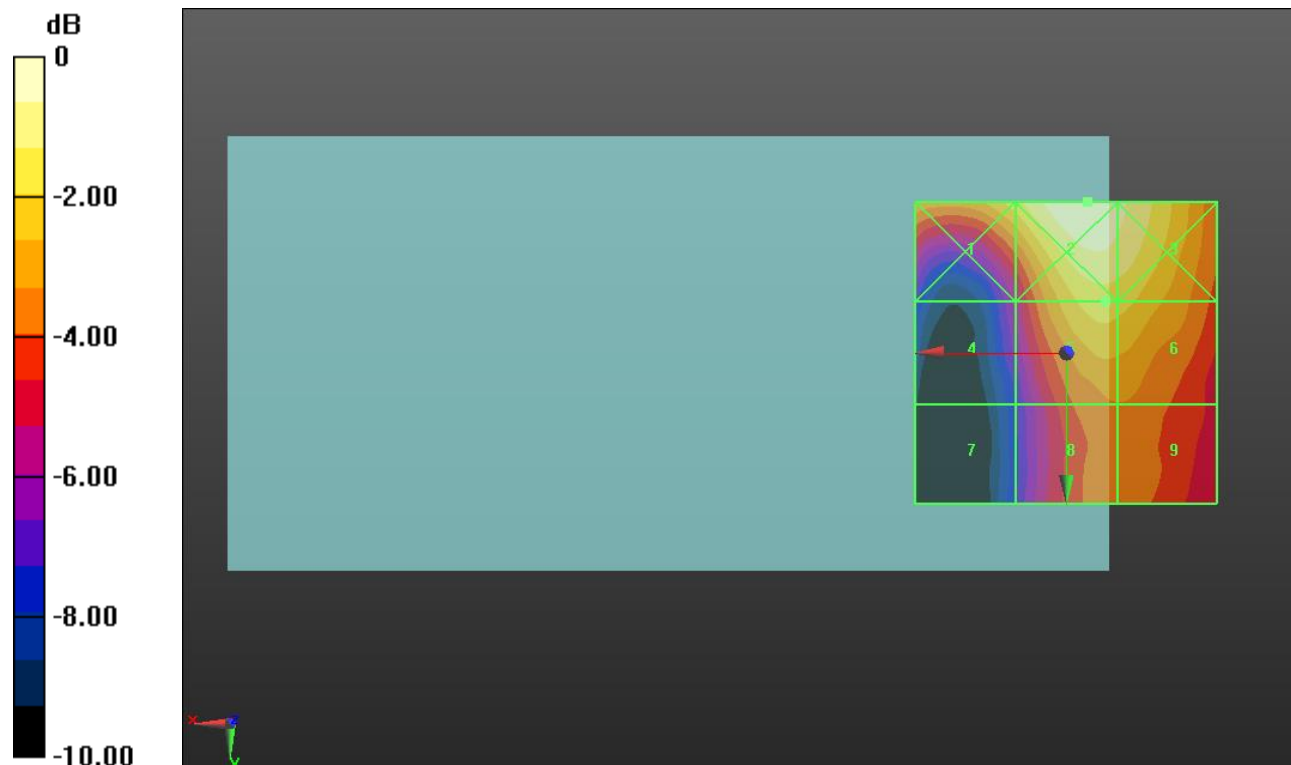
Applied MIF = -2.02 dB

RF audio interference level = 22.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.44 dBV/m	Grid 2 M4 23.99 dBV/m	Grid 3 M4 23.53 dBV/m
Grid 4 M4 18.2 dBV/m	Grid 5 M4 22.33 dBV/m	Grid 6 M4 22.24 dBV/m
Grid 7 M4 16.68 dBV/m	Grid 8 M4 20.64 dBV/m	Grid 9 M4 20.64 dBV/m



0 dB = 15.82 V/m = 23.98 dBV/m

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/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 = 17.37 V/m; Power Drift = -0.04 dB

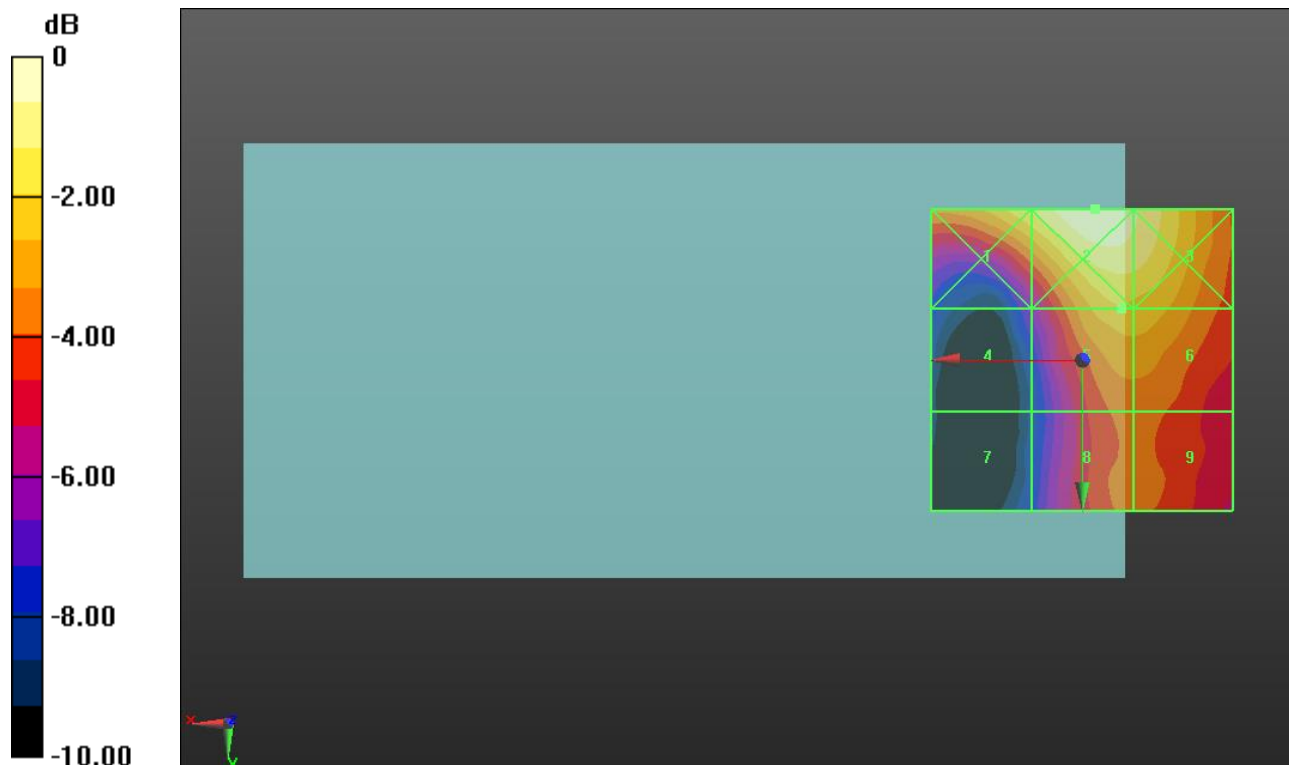
Applied MIF = -2.02 dB

RF audio interference level = 22.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.35 dBV/m	Grid 2 M4 24.59 dBV/m	Grid 3 M4 24.05 dBV/m
Grid 4 M4 18.16 dBV/m	Grid 5 M4 22.49 dBV/m	Grid 6 M4 22.41 dBV/m
Grid 7 M4 16.86 dBV/m	Grid 8 M4 20.85 dBV/m	Grid 9 M4 20.85 dBV/m



0 dB = 16.96 V/m = 24.59 dBV/m

HAC-RF Emission

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/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 = 18.75 V/m; Power Drift = 0.06 dB

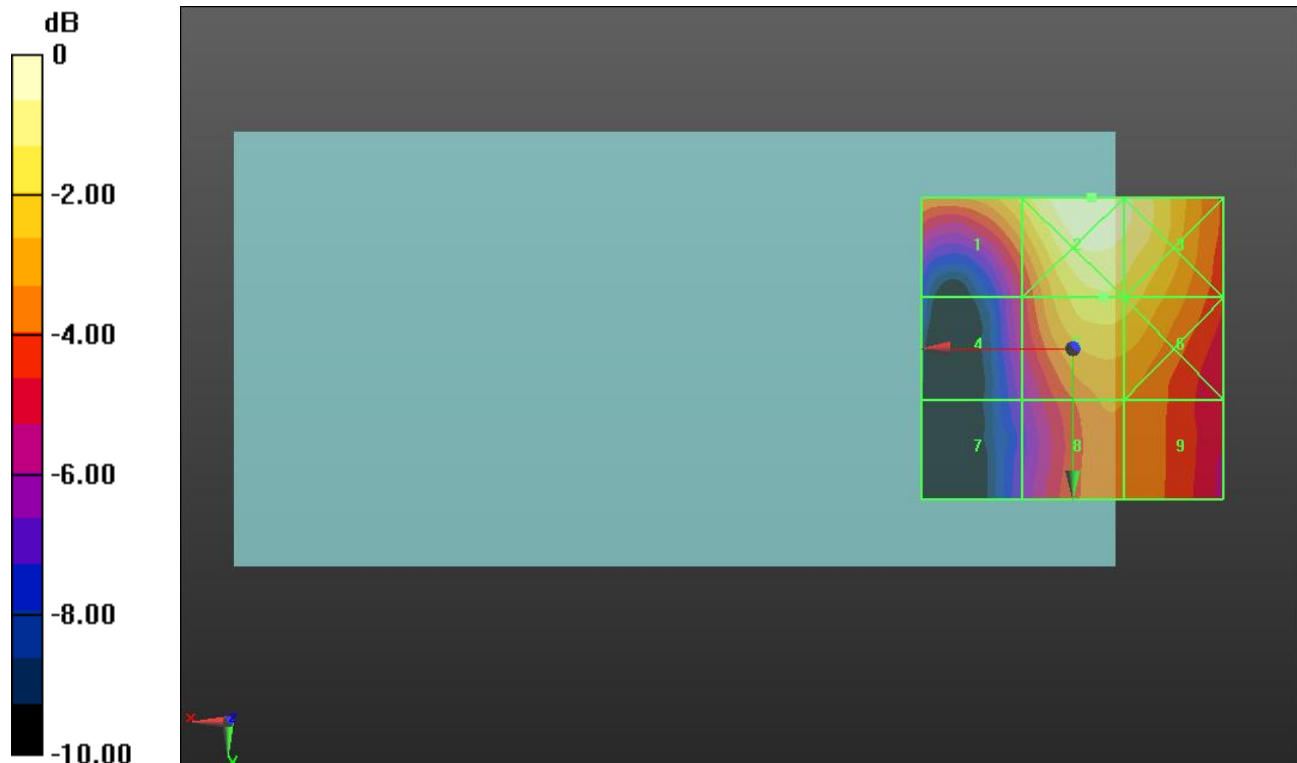
Applied MIF = 0.12 dB

RF audio interference level = 24.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.3 dBV/m	Grid 2 M4 26.06 dBV/m	Grid 3 M4 25.61 dBV/m
Grid 4 M4 20.98 dBV/m	Grid 5 M4 24.6 dBV/m	Grid 6 M4 24.41 dBV/m
Grid 7 M4 19.65 dBV/m	Grid 8 M4 22.83 dBV/m	Grid 9 M4 22.76 dBV/m



0 dB = 20.08 V/m = 26.06 dBV/m

HAC-RF Emission

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/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 = 17.81 V/m; Power Drift = 0.16 dB

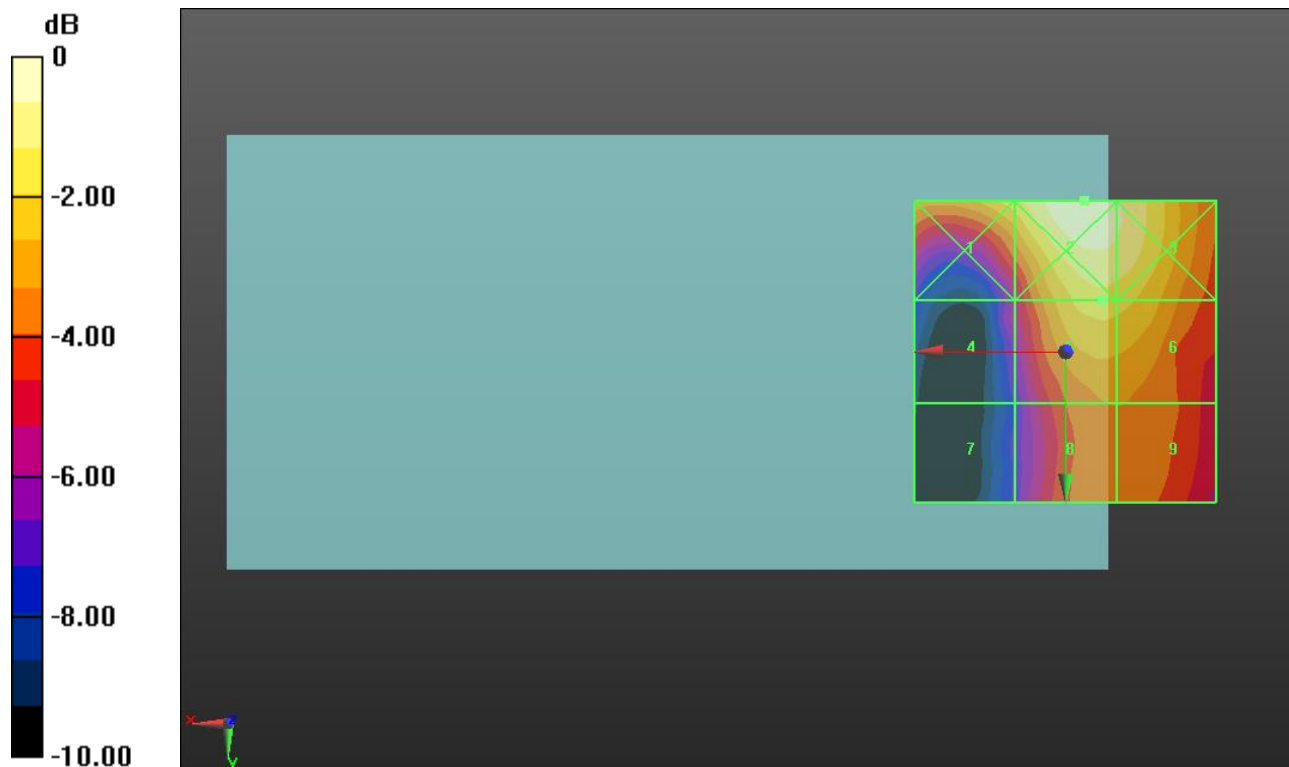
Applied MIF = 0.12 dB

RF audio interference level = 24.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.58 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 25.57 dBV/m
Grid 4 M4 20.43 dBV/m	Grid 5 M4 24.51 dBV/m	Grid 6 M4 24.38 dBV/m
Grid 7 M4 19.08 dBV/m	Grid 8 M4 22.79 dBV/m	Grid 9 M4 22.79 dBV/m



0 dB = 20.18 V/m = 26.10 dBV/m

HAC-RF Emission

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/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 = 17.58 V/m; Power Drift = 0.02 dB

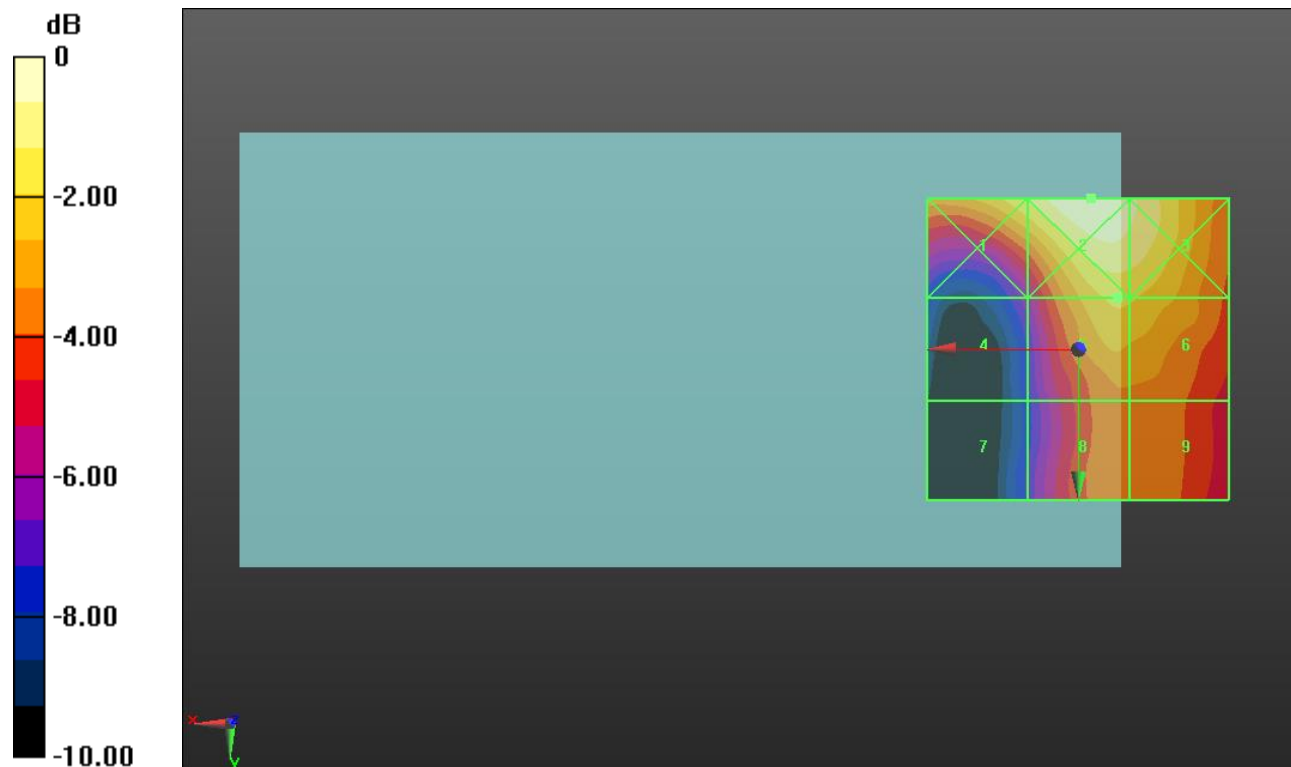
Applied MIF = 0.12 dB

RF audio interference level = 24.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.15 dBV/m	Grid 2 M4 26.39 dBV/m	Grid 3 M4 25.9 dBV/m
Grid 4 M4 20.27 dBV/m	Grid 5 M4 24.54 dBV/m	Grid 6 M4 24.47 dBV/m
Grid 7 M4 19.24 dBV/m	Grid 8 M4 23.02 dBV/m	Grid 9 M4 23.02 dBV/m



0 dB = 20.87 V/m = 26.39 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 512/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 = 21.41 V/m; Power Drift = -0.02 dB

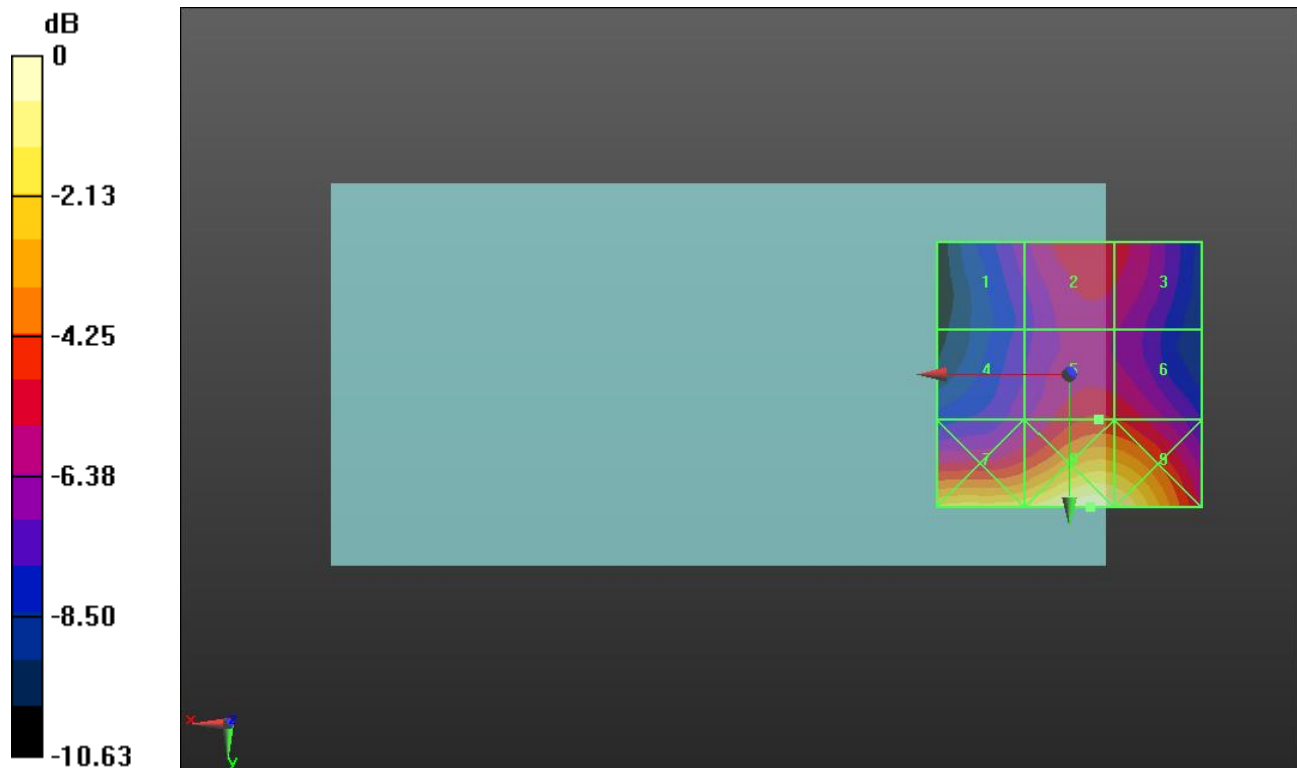
Applied MIF = 3.63 dB

RF audio interference level = 29.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.26 dBV/m	Grid 2 M4 28.84 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 27.32 dBV/m	Grid 5 M4 29.02 dBV/m	Grid 6 M4 28.93 dBV/m
Grid 7 M3 32.41 dBV/m	Grid 8 M3 33.81 dBV/m	Grid 9 M3 33.43 dBV/m



0 dB = 49.04 V/m = 33.81 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 661/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 = 20.70 V/m; Power Drift = -0.06 dB

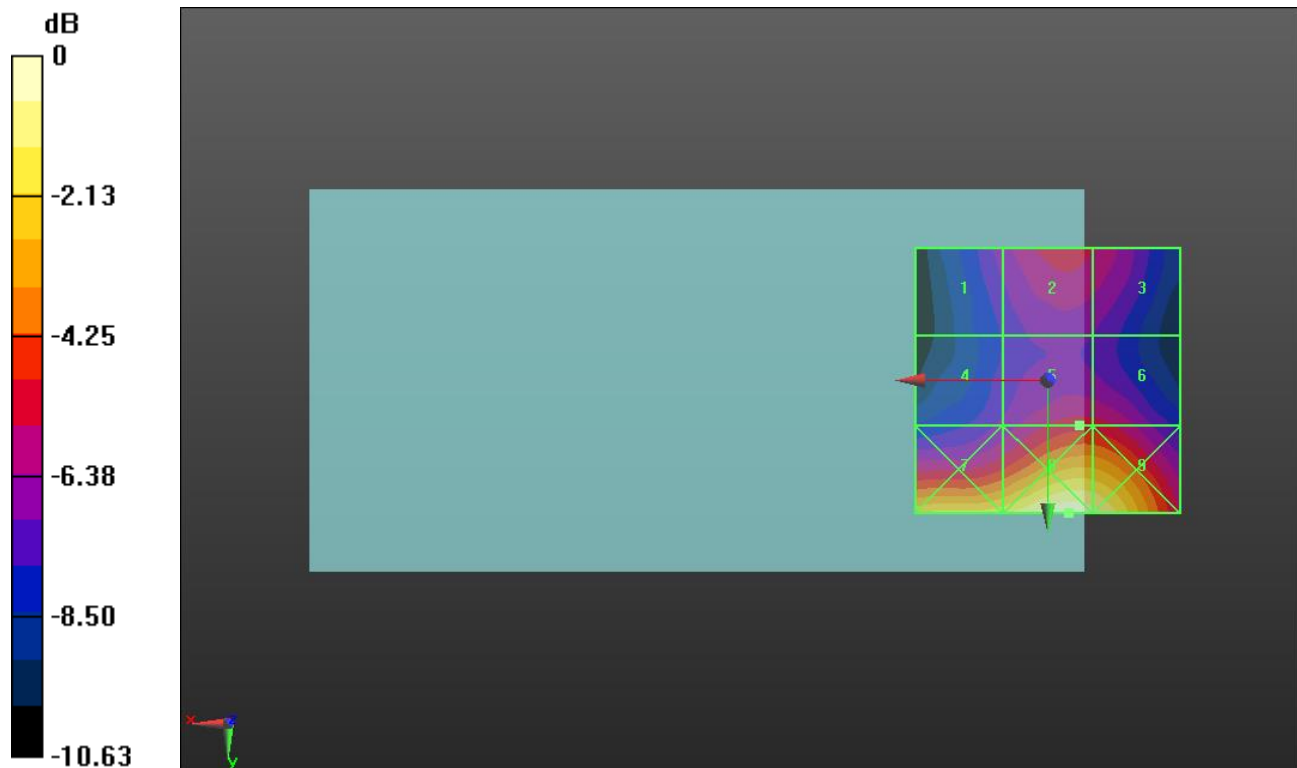
Applied MIF = 3.63 dB

RF audio interference level = 29.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.75 dBV/m	Grid 2 M4 29.05 dBV/m	Grid 3 M4 28.75 dBV/m
Grid 4 M4 27.58 dBV/m	Grid 5 M4 29.21 dBV/m	Grid 6 M4 29.16 dBV/m
Grid 7 M3 32.88 dBV/m	Grid 8 M3 34.41 dBV/m	Grid 9 M3 34.01 dBV/m



0 dB = 52.53 V/m = 34.41 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/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 = 18.16 V/m; Power Drift = -0.08 dB

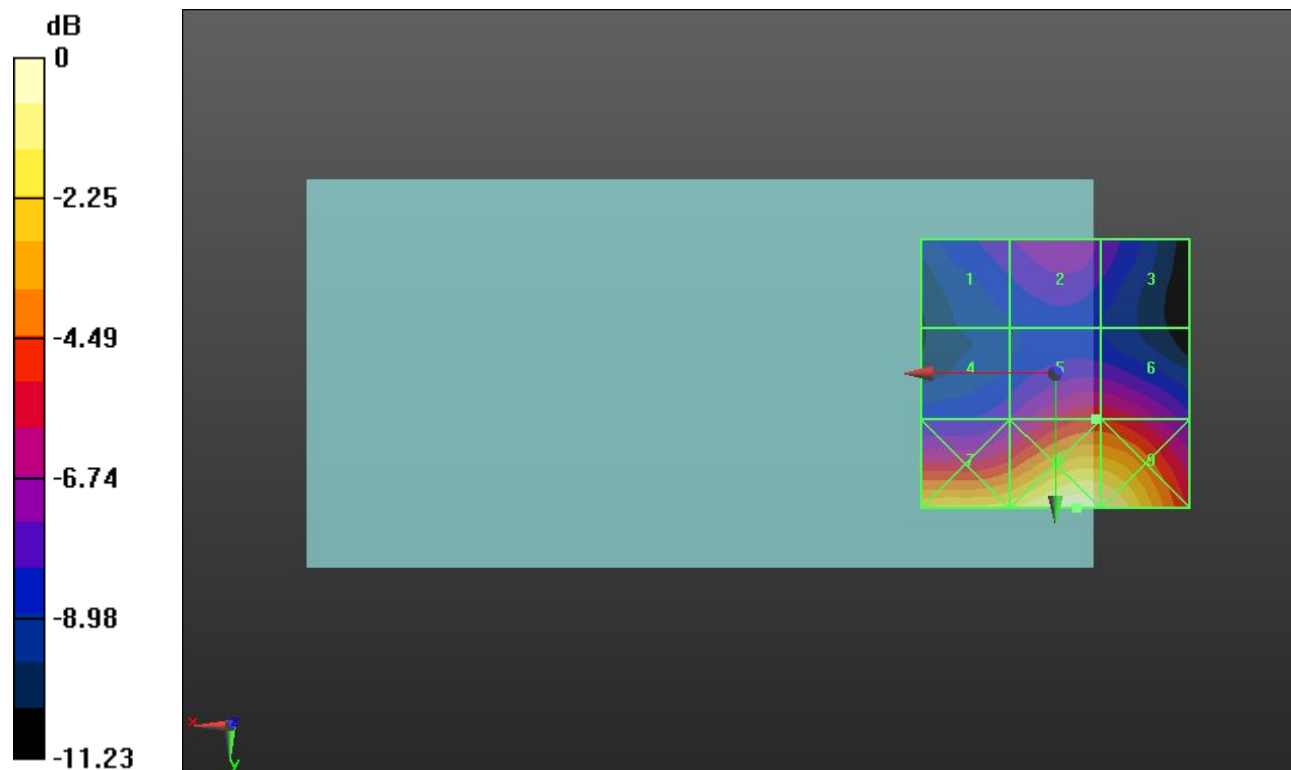
Applied MIF = 3.63 dB

RF audio interference level = 29.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.98 dBV/m	Grid 2 M4 27.59 dBV/m	Grid 3 M4 26.87 dBV/m
Grid 4 M4 27.06 dBV/m	Grid 5 M4 29.26 dBV/m	Grid 6 M4 29.24 dBV/m
Grid 7 M3 32.83 dBV/m	Grid 8 M3 34.45 dBV/m	Grid 9 M3 34.15 dBV/m



0 dB = 52.79 V/m = 34.45 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 22.47 V/m; Power Drift = 0.04 dB

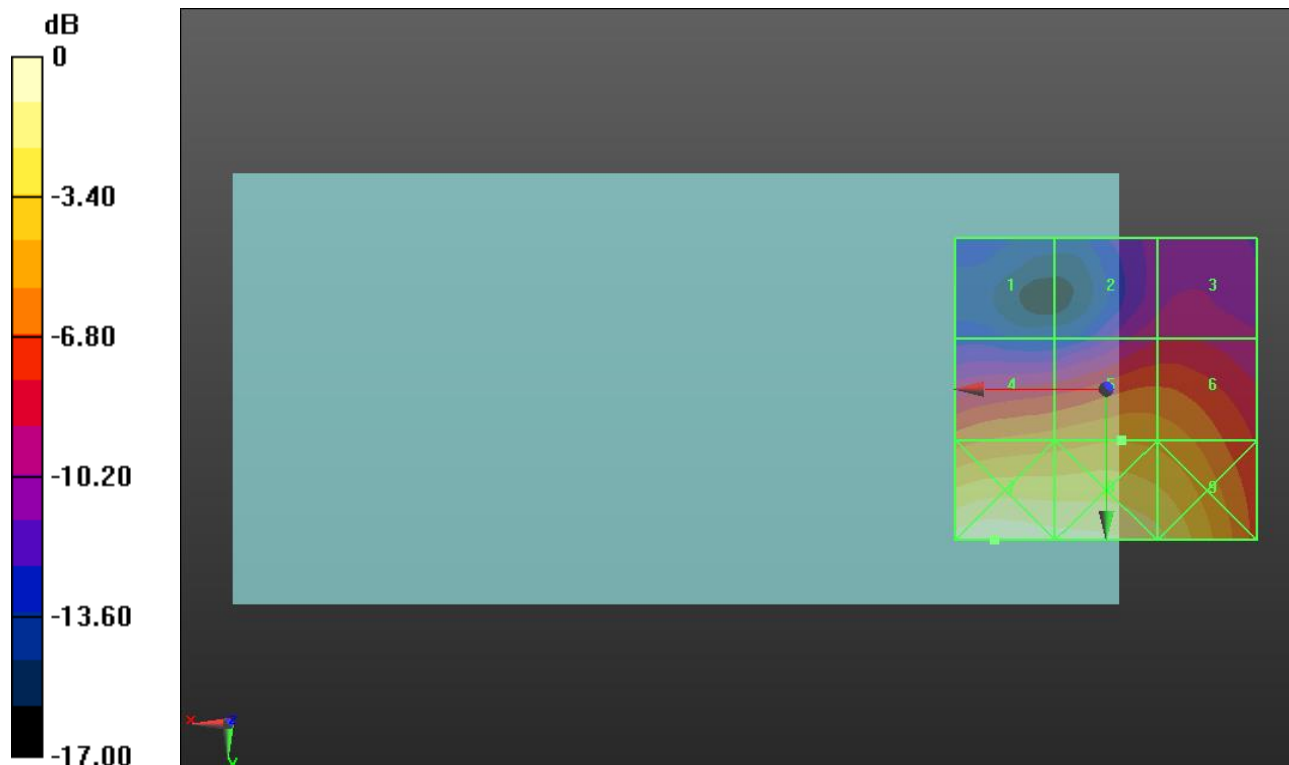
Applied MIF = -1.44 dB

RF audio interference level = 25.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.73 dBV/m	Grid 2 M4 21.12 dBV/m	Grid 3 M4 21.37 dBV/m
Grid 4 M4 25.27 dBV/m	Grid 5 M4 25.79 dBV/m	Grid 6 M4 25.53 dBV/m
Grid 7 M3 30.35 dBV/m	Grid 8 M4 29.79 dBV/m	Grid 9 M4 28.5 dBV/m



0 dB = 32.91 V/m = 30.35 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 22.34 V/m; Power Drift = 0.04 dB

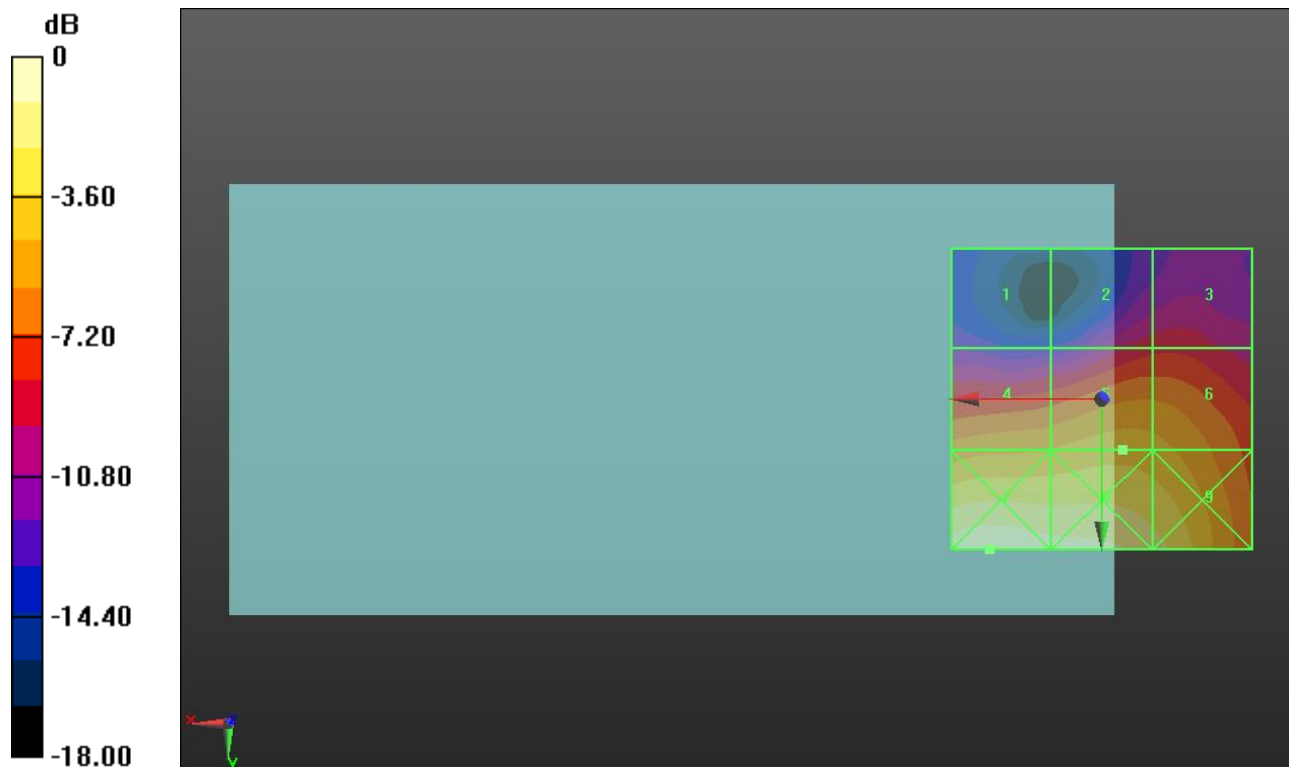
Applied MIF = -1.44 dB

RF audio interference level = 25.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.38 dBV/m	Grid 2 M4 20.73 dBV/m	Grid 3 M4 20.88 dBV/m
Grid 4 M4 24.8 dBV/m	Grid 5 M4 25.46 dBV/m	Grid 6 M4 25.21 dBV/m
Grid 7 M4 29.51 dBV/m	Grid 8 M4 28.95 dBV/m	Grid 9 M4 27.68 dBV/m



0 dB = 29.89 V/m = 29.51 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 22.91 V/m; Power Drift = -0.08 dB

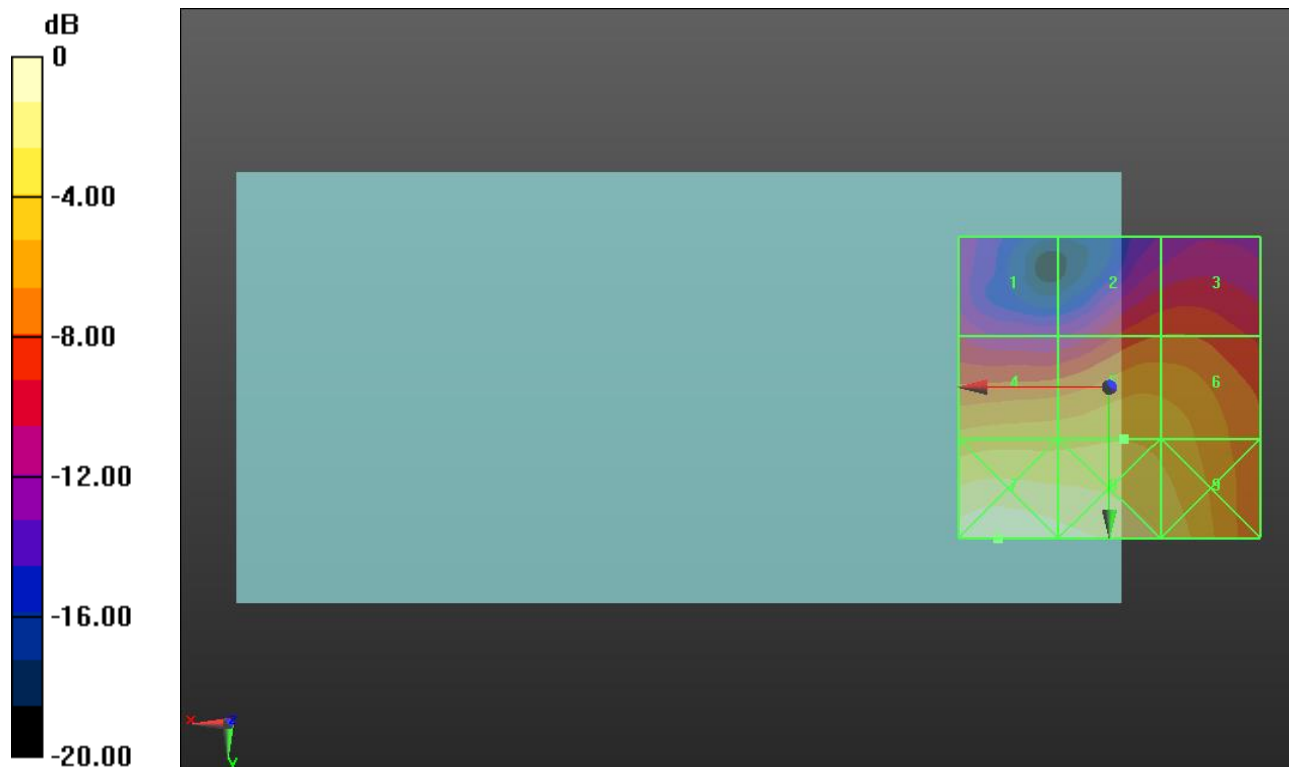
Applied MIF = -1.44 dB

RF audio interference level = 25.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.65 dBV/m	Grid 2 M4 21.25 dBV/m	Grid 3 M4 21.34 dBV/m
Grid 4 M4 24.71 dBV/m	Grid 5 M4 25.14 dBV/m	Grid 6 M4 24.82 dBV/m
Grid 7 M4 29.18 dBV/m	Grid 8 M4 28.45 dBV/m	Grid 9 M4 26.52 dBV/m



0 dB = 28.79 V/m = 29.18 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 19.25 V/m; Power Drift = -0.01 dB

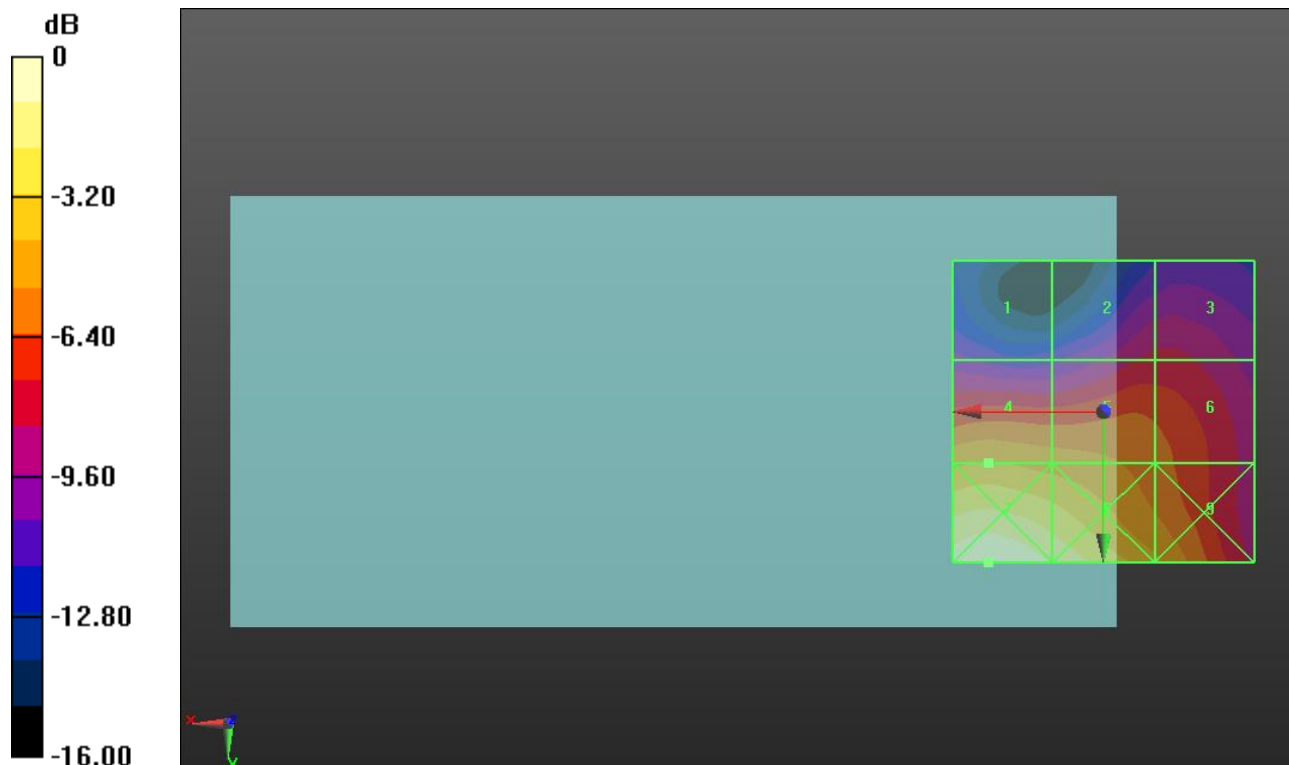
Applied MIF = -1.44 dB

RF audio interference level = 24.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.6 dBV/m	Grid 2 M4 20.52 dBV/m	Grid 3 M4 20.56 dBV/m
Grid 4 M4 24.51 dBV/m	Grid 5 M4 23.98 dBV/m	Grid 6 M4 22.78 dBV/m
Grid 7 M4 28.69 dBV/m	Grid 8 M4 27.58 dBV/m	Grid 9 M4 24.73 dBV/m



0 dB = 27.18 V/m = 28.68 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 16.54 V/m; Power Drift = -0.08 dB

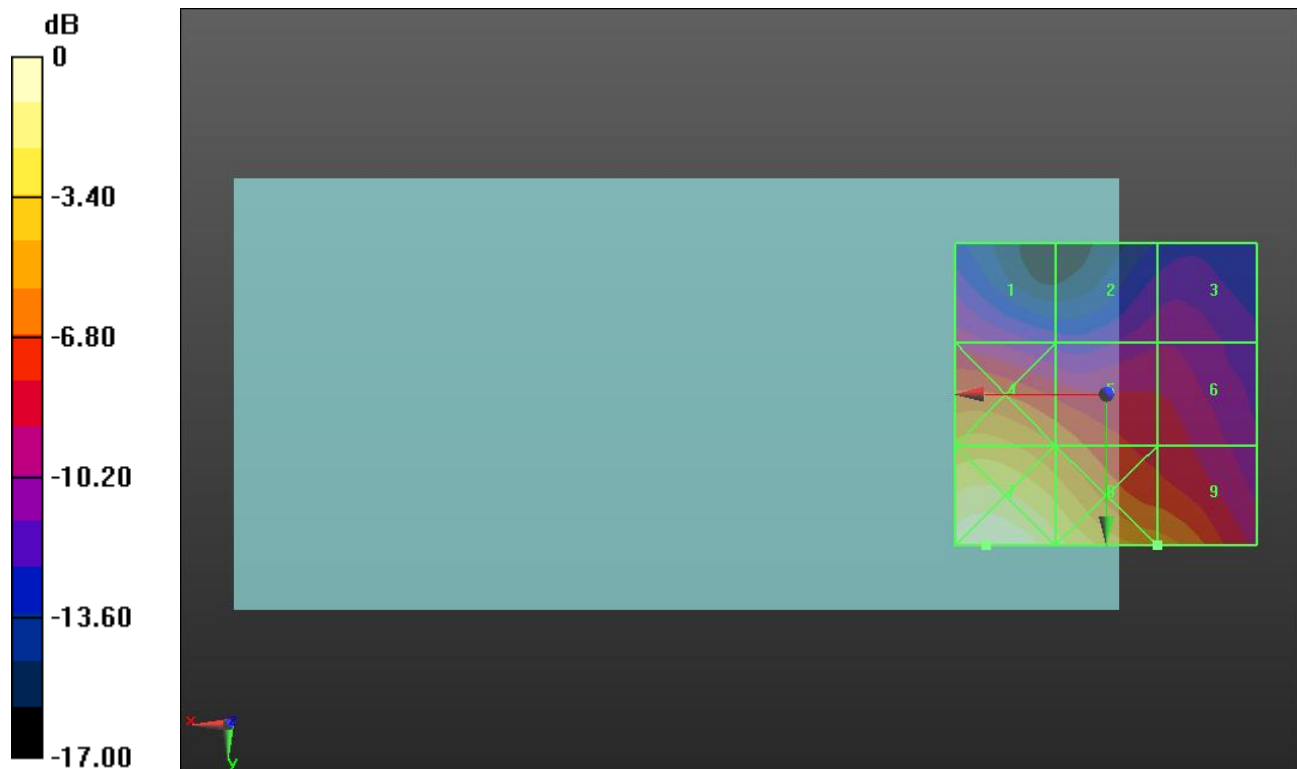
Applied MIF = -1.44 dB

RF audio interference level = 24.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.38 dBV/m	Grid 2 M4 19.44 dBV/m	Grid 3 M4 19.5 dBV/m
Grid 4 M4 25.74 dBV/m	Grid 5 M4 24.04 dBV/m	Grid 6 M4 21.45 dBV/m
Grid 7 M4 29.73 dBV/m	Grid 8 M4 28.03 dBV/m	Grid 9 M4 24.85 dBV/m



0 dB = 30.66 V/m = 29.73 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 37.49 V/m; Power Drift = 0.02 dB

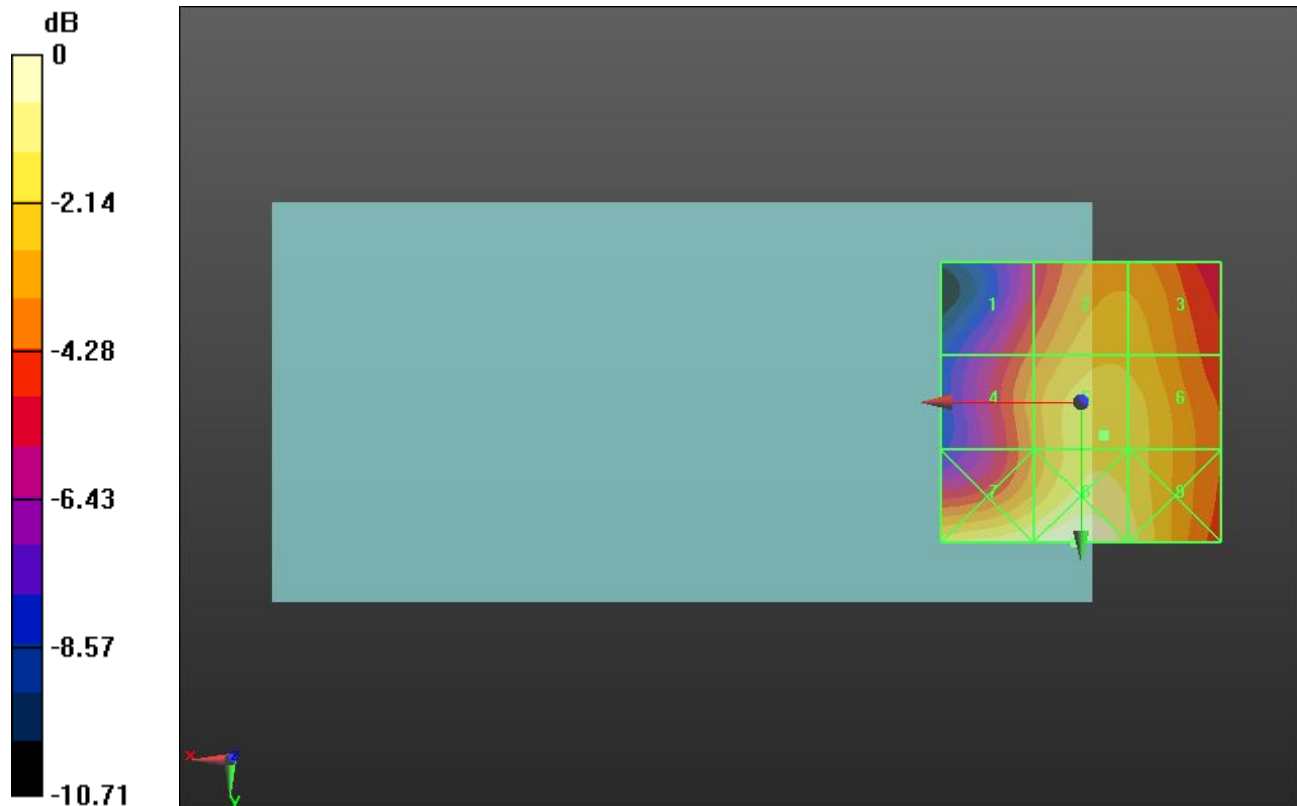
Applied MIF = -1.44 dB

RF audio interference level = 27.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.99 dBV/m	Grid 2 M4 26.72 dBV/m	Grid 3 M4 26.63 dBV/m
Grid 4 M4 25.8 dBV/m	Grid 5 M4 27.45 dBV/m	Grid 6 M4 27.26 dBV/m
Grid 7 M4 28.44 dBV/m	Grid 8 M4 28.95 dBV/m	Grid 9 M4 27.92 dBV/m



0 dB = 28.01 V/m = 28.95 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 31.55 V/m; Power Drift = 0.00 dB

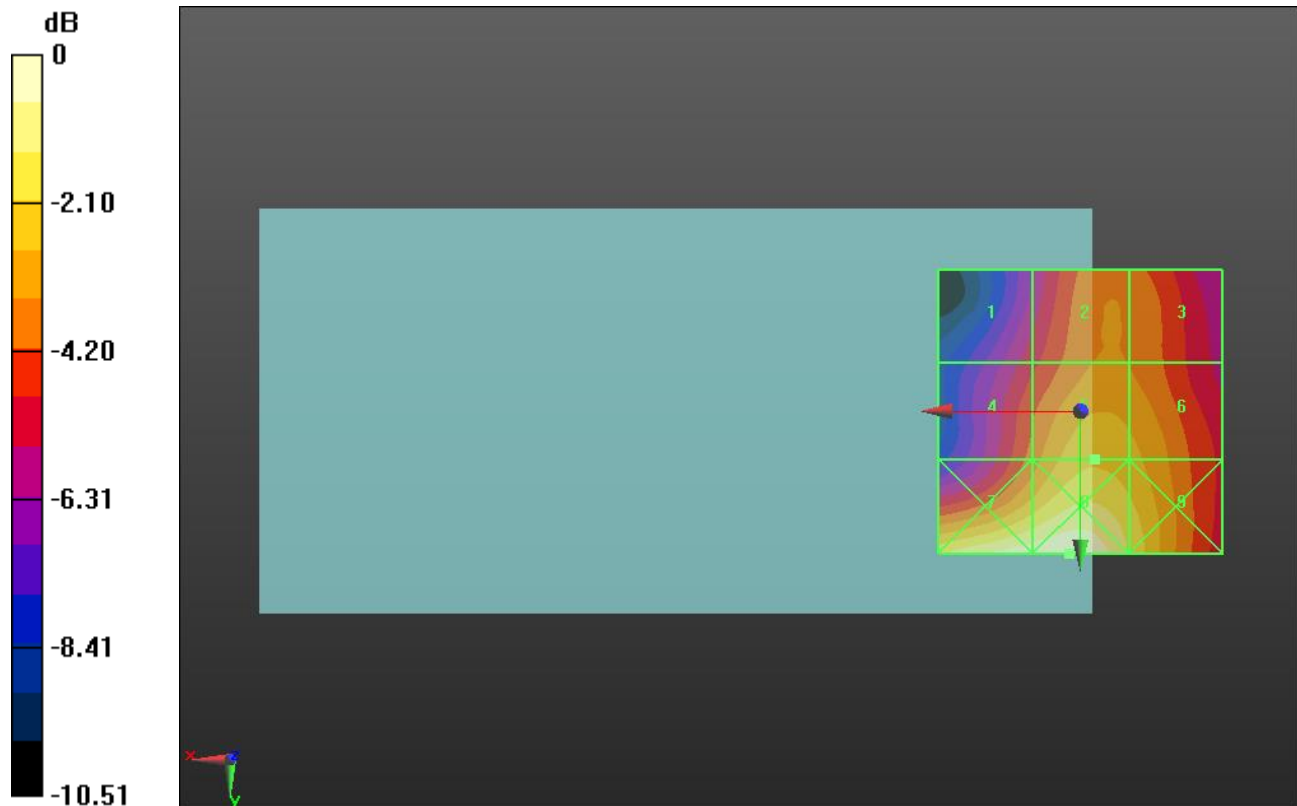
Applied MIF = -1.44 dB

RF audio interference level = 26.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 25.42 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 24.97 dBV/m	Grid 5 M4 26.61 dBV/m	Grid 6 M4 26.3 dBV/m
Grid 7 M4 28.63 dBV/m	Grid 8 M4 28.82 dBV/m	Grid 9 M4 27.39 dBV/m



0 dB = 27.60 V/m = 28.82 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.15 V/m; Power Drift = -0.10 dB

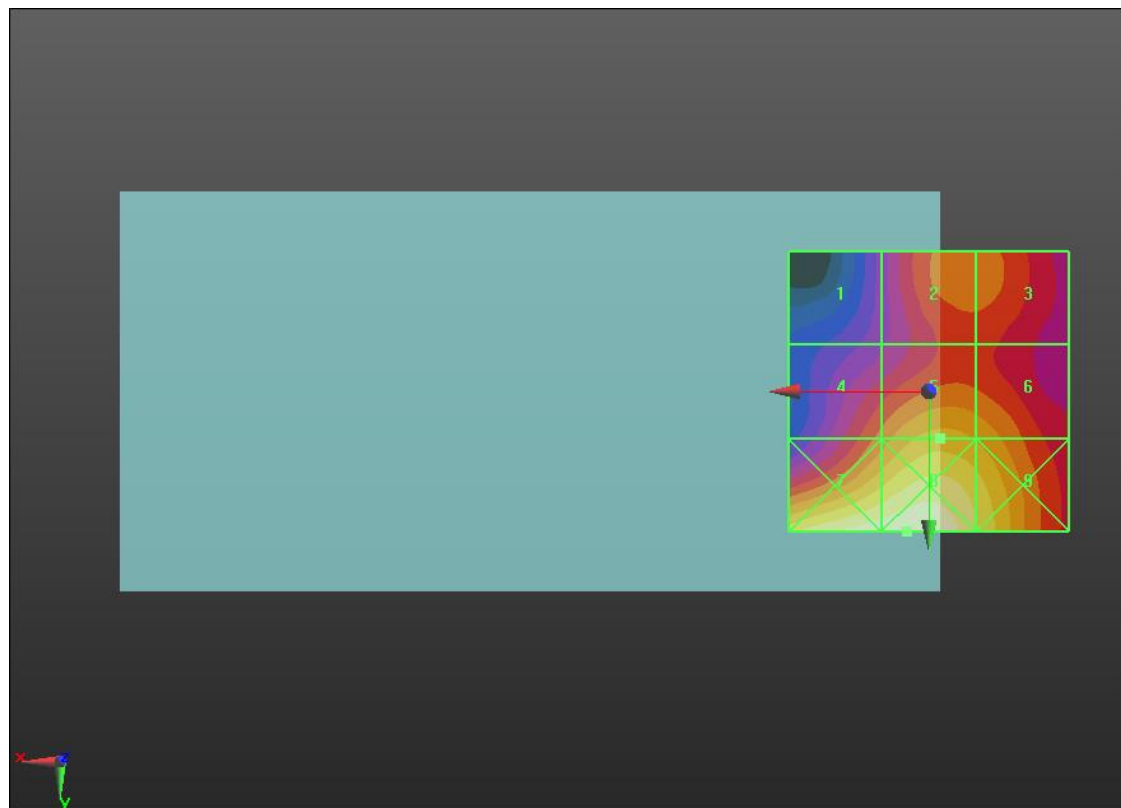
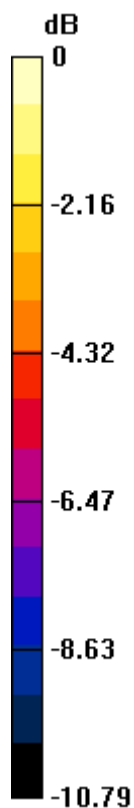
Applied MIF = -1.44 dB

RF audio interference level = 26.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.96 dBV/m	Grid 2 M4 24.8 dBV/m	Grid 3 M4 24.76 dBV/m
Grid 4 M4 24.58 dBV/m	Grid 5 M4 26.01 dBV/m	Grid 6 M4 25.62 dBV/m
Grid 7 M4 28.39 dBV/m	Grid 8 M4 28.54 dBV/m	Grid 9 M4 27.19 dBV/m



0 dB = 26.74 V/m = 28.54 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 25.02 V/m; Power Drift = 0.04 dB

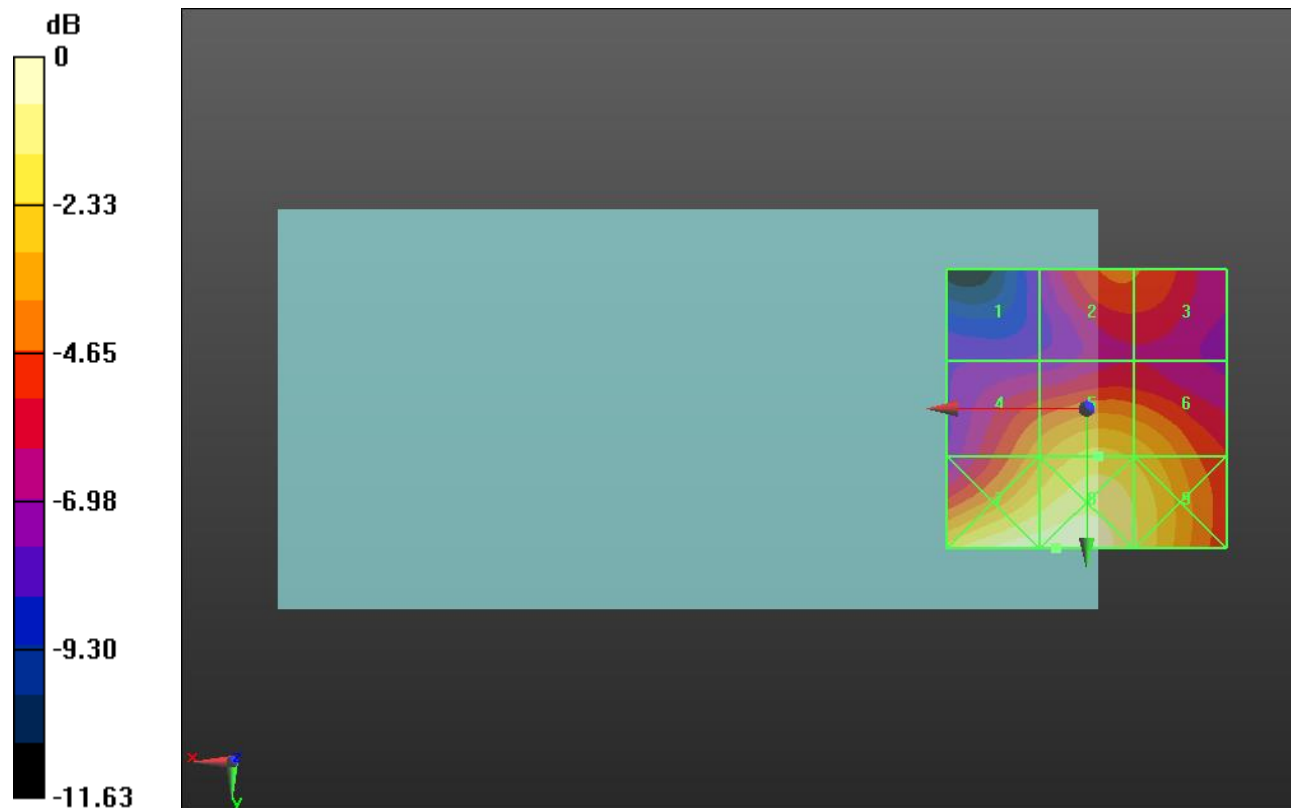
Applied MIF = -1.44 dB

RF audio interference level = 26.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.91 dBV/m	Grid 2 M4 23.93 dBV/m	Grid 3 M4 23.83 dBV/m
Grid 4 M4 25.03 dBV/m	Grid 5 M4 26.33 dBV/m	Grid 6 M4 25.88 dBV/m
Grid 7 M4 28.32 dBV/m	Grid 8 M4 28.37 dBV/m	Grid 9 M4 26.94 dBV/m



0 dB = 26.21 V/m = 28.37 dBV/m

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/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 = 31.74 V/m; Power Drift = 0.12 dB

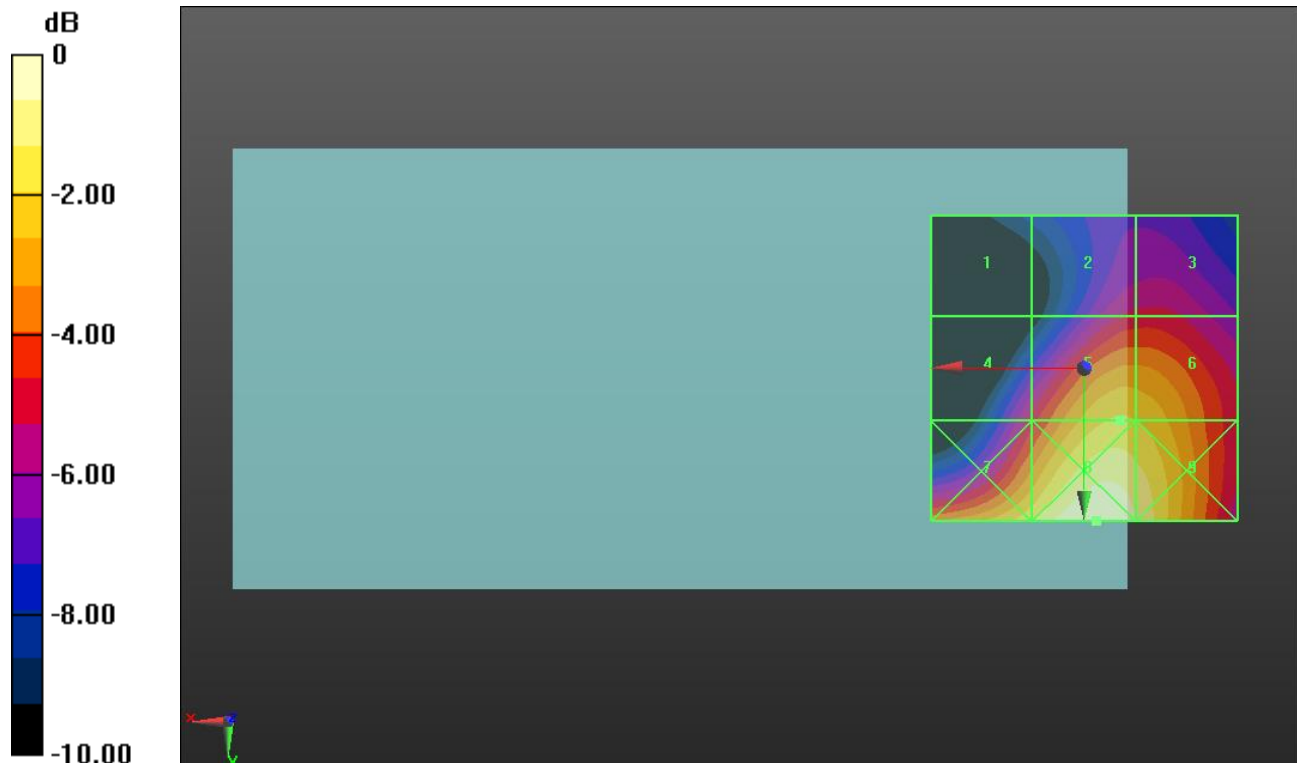
Applied MIF = -2.02 dB

RF audio interference level = 27.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.84 dBV/m	Grid 2 M4 24.11 dBV/m	Grid 3 M4 24.17 dBV/m
Grid 4 M4 24.24 dBV/m	Grid 5 M4 27.3 dBV/m	Grid 6 M4 27.2 dBV/m
Grid 7 M4 27.84 dBV/m	Grid 8 M4 29.2 dBV/m	Grid 9 M4 28.53 dBV/m



0 dB = 28.84 V/m = 29.20 dBV/m

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.36 V/m; Power Drift = -0.01 dB

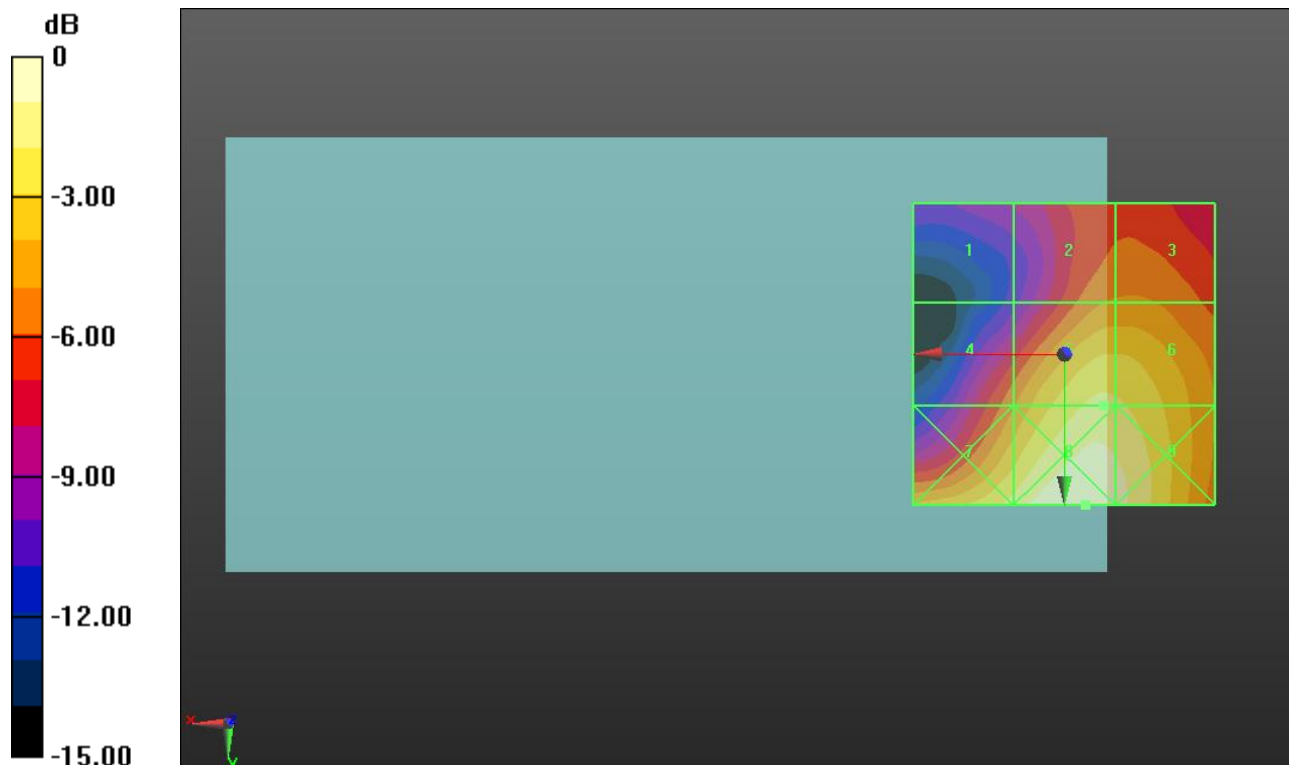
Applied MIF = -2.02 dB

RF audio interference level = 25.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.71 dBV/m	Grid 2 M4 22.69 dBV/m	Grid 3 M4 22.75 dBV/m
Grid 4 M4 22.4 dBV/m	Grid 5 M4 25.76 dBV/m	Grid 6 M4 25.66 dBV/m
Grid 7 M4 25.97 dBV/m	Grid 8 M4 27.5 dBV/m	Grid 9 M4 26.92 dBV/m



0 dB = 23.72 V/m = 27.50 dBV/m

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/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 = 24.78 V/m; Power Drift = 0.03 dB

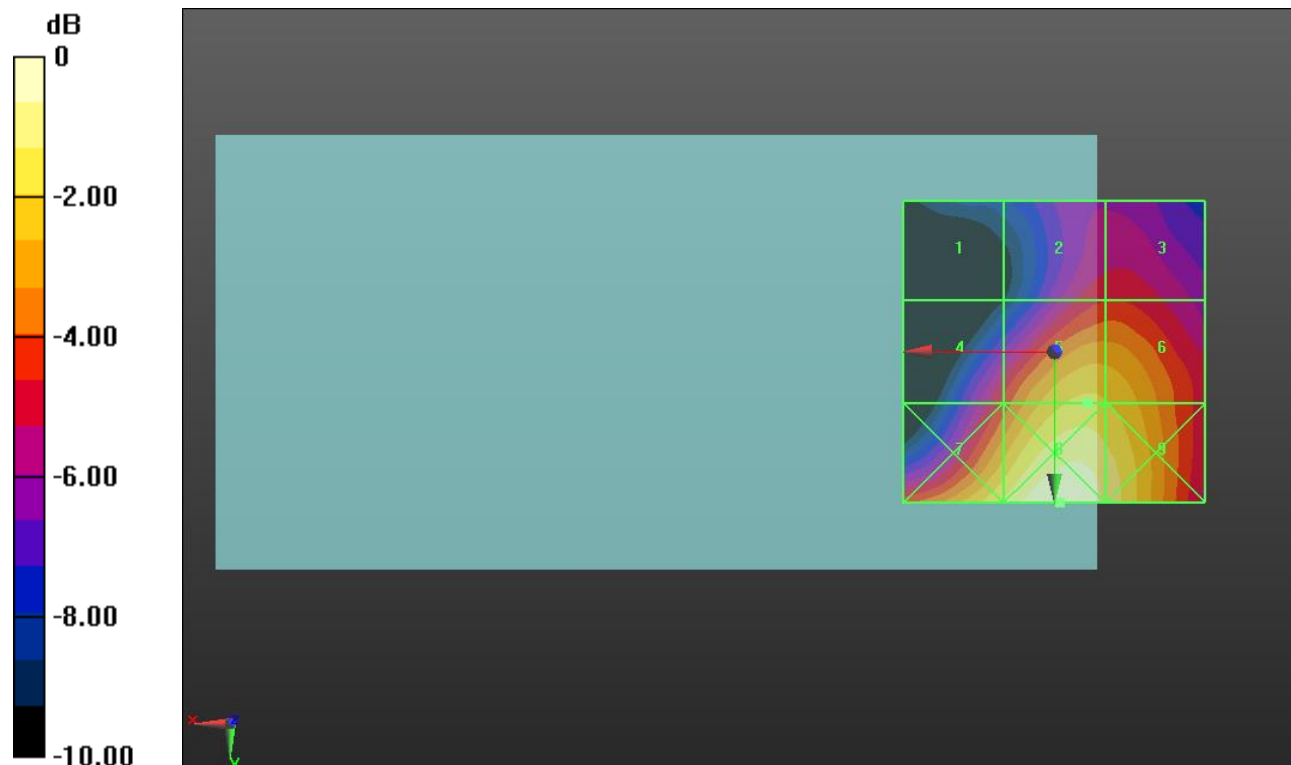
Applied MIF = -2.02 dB

RF audio interference level = 25.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.79 dBV/m	Grid 2 M4 22.33 dBV/m	Grid 3 M4 22.36 dBV/m
Grid 4 M4 22.57 dBV/m	Grid 5 M4 25.19 dBV/m	Grid 6 M4 25.05 dBV/m
Grid 7 M4 25.79 dBV/m	Grid 8 M4 26.99 dBV/m	Grid 9 M4 26.2 dBV/m



0 dB = 22.37 V/m = 26.99 dBV/m

HAC-RF Emission

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.68 V/m; Power Drift = -0.02 dB

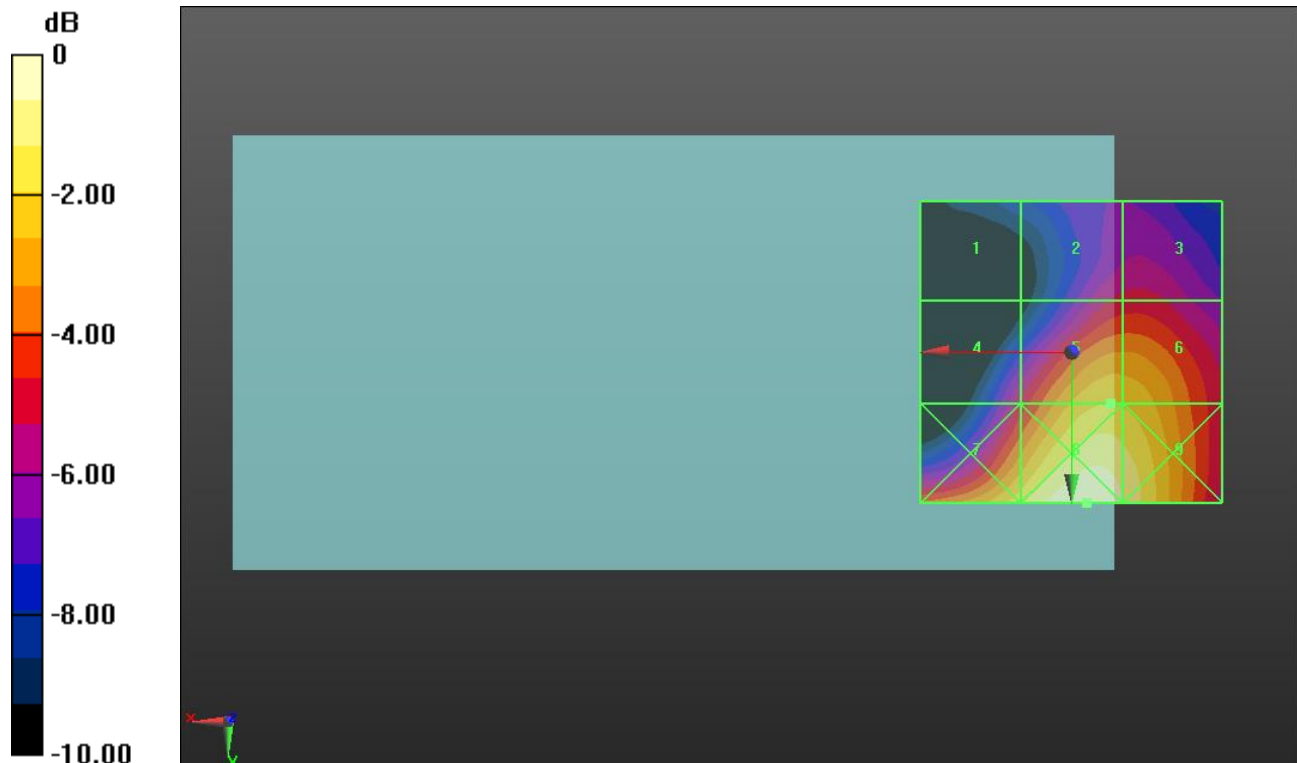
Applied MIF = 0.12 dB

RF audio interference level = 27.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.74 dBV/m	Grid 2 M4 24.79 dBV/m	Grid 3 M4 24.86 dBV/m
Grid 4 M4 24.72 dBV/m	Grid 5 M4 27.88 dBV/m	Grid 6 M4 27.8 dBV/m
Grid 7 M4 28.37 dBV/m	Grid 8 M4 29.85 dBV/m	Grid 9 M4 29.19 dBV/m



0 dB = 31.08 V/m = 29.85 dBV/m

HAC-RF Emission

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/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 = 24.43 V/m; Power Drift = -0.03 dB

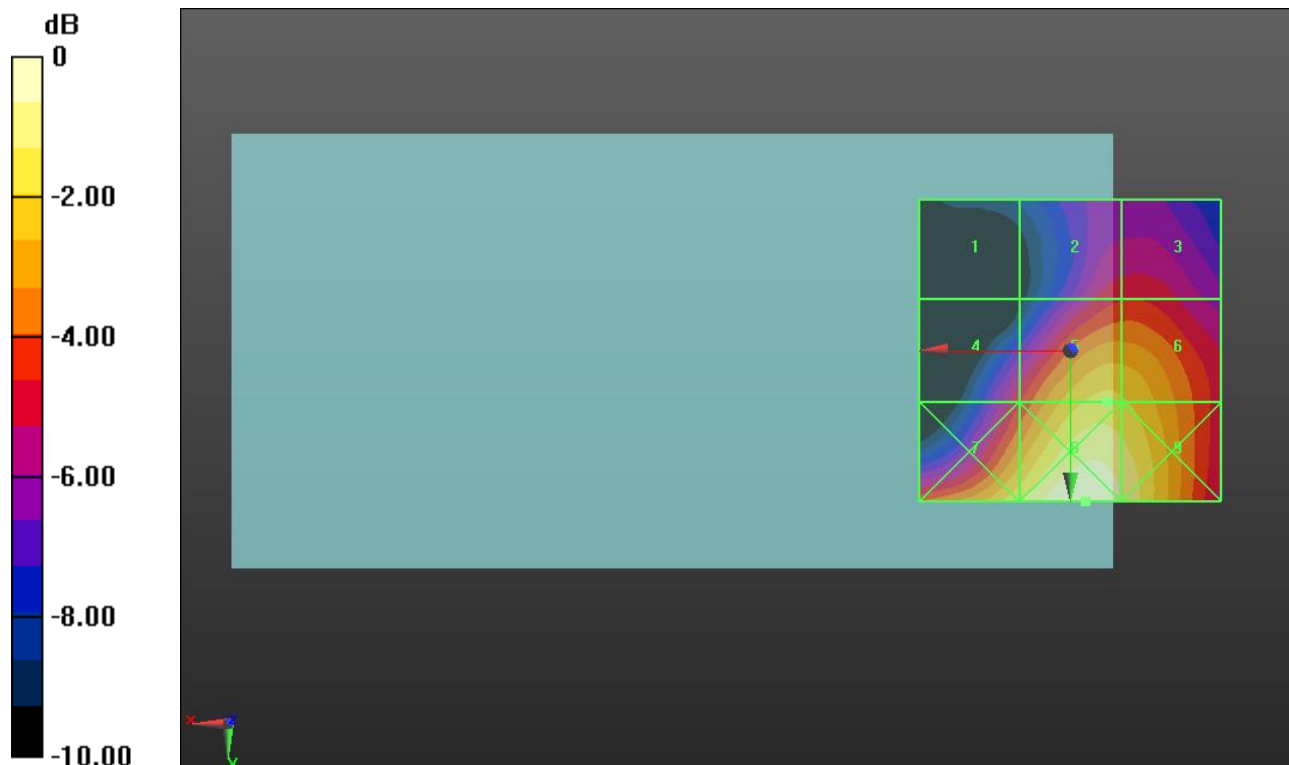
Applied MIF = 0.12 dB

RF audio interference level = 27.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.46 dBV/m	Grid 2 M4 24.2 dBV/m	Grid 3 M4 24.25 dBV/m
Grid 4 M4 24.15 dBV/m	Grid 5 M4 27.15 dBV/m	Grid 6 M4 27.02 dBV/m
Grid 7 M4 27.53 dBV/m	Grid 8 M4 28.91 dBV/m	Grid 9 M4 28.25 dBV/m



0 dB = 27.89 V/m = 28.91 dBV/m

HAC-RF Emission

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid

Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.76 V/m; Power Drift = -0.07 dB

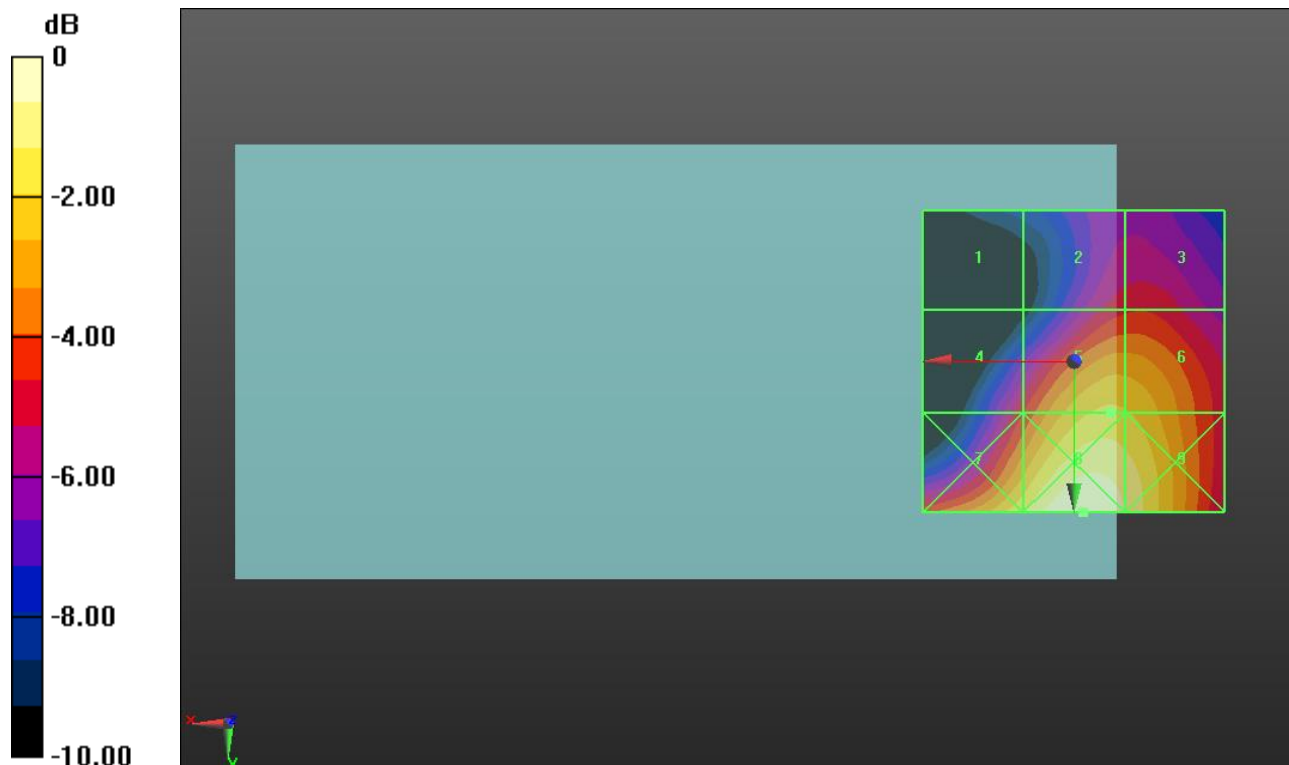
Applied MIF = 0.12 dB

RF audio interference level = 27.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.53 dBV/m	Grid 2 M4 25.04 dBV/m	Grid 3 M4 25.12 dBV/m
Grid 4 M4 25.11 dBV/m	Grid 5 M4 27.95 dBV/m	Grid 6 M4 27.86 dBV/m
Grid 7 M4 28.45 dBV/m	Grid 8 M4 29.79 dBV/m	Grid 9 M4 29.11 dBV/m



0 dB = 30.88 V/m = 29.79 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 40/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 = 2.381 V/m; Power Drift = 0.77 dB

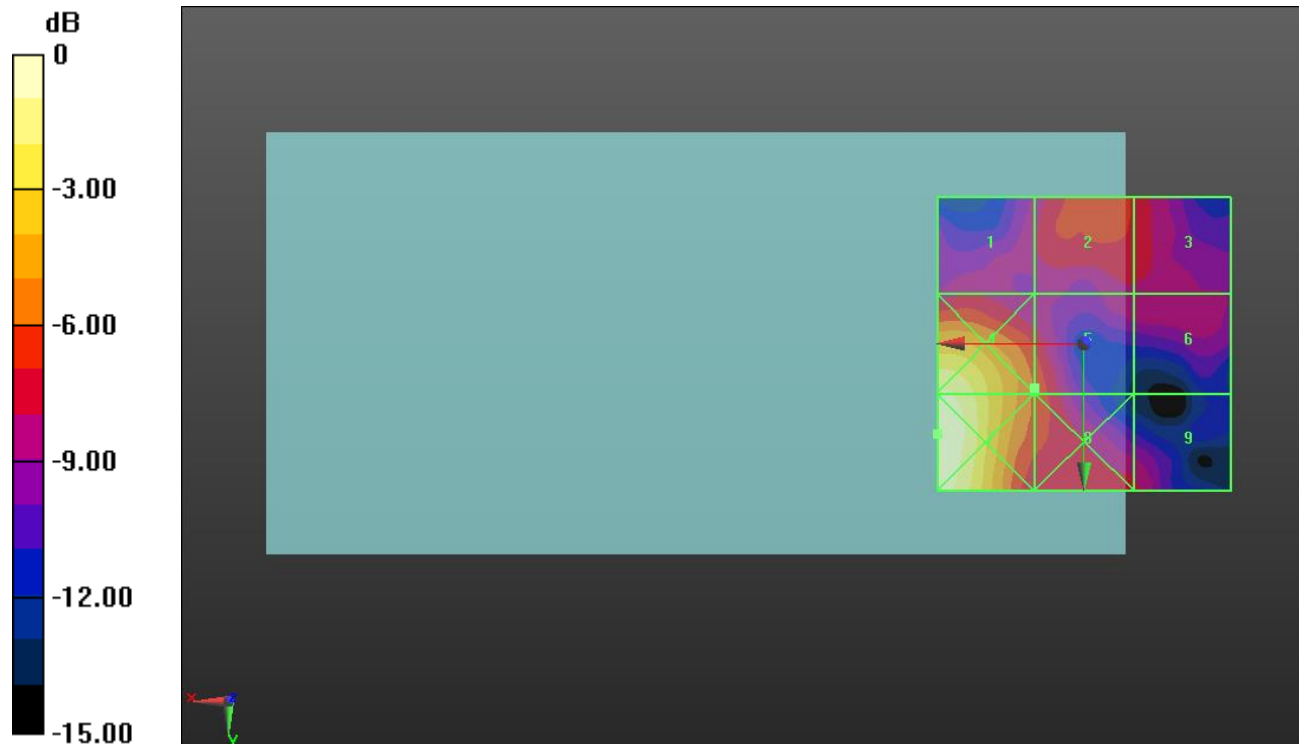
Applied MIF = -5.82 dB

RF audio interference level = 9.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.36 dBV/m	Grid 2 M4 9.14 dBV/m	Grid 3 M4 8.14 dBV/m
Grid 4 M4 14.49 dBV/m	Grid 5 M4 9.19 dBV/m	Grid 6 M4 7.28 dBV/m
Grid 7 M4 15.28 dBV/m	Grid 8 M4 9.17 dBV/m	Grid 9 M4 7.61 dBV/m



0 dB = 5.805 V/m = 15.28 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 44/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 = 3.541 V/m; Power Drift = -1.23 dB

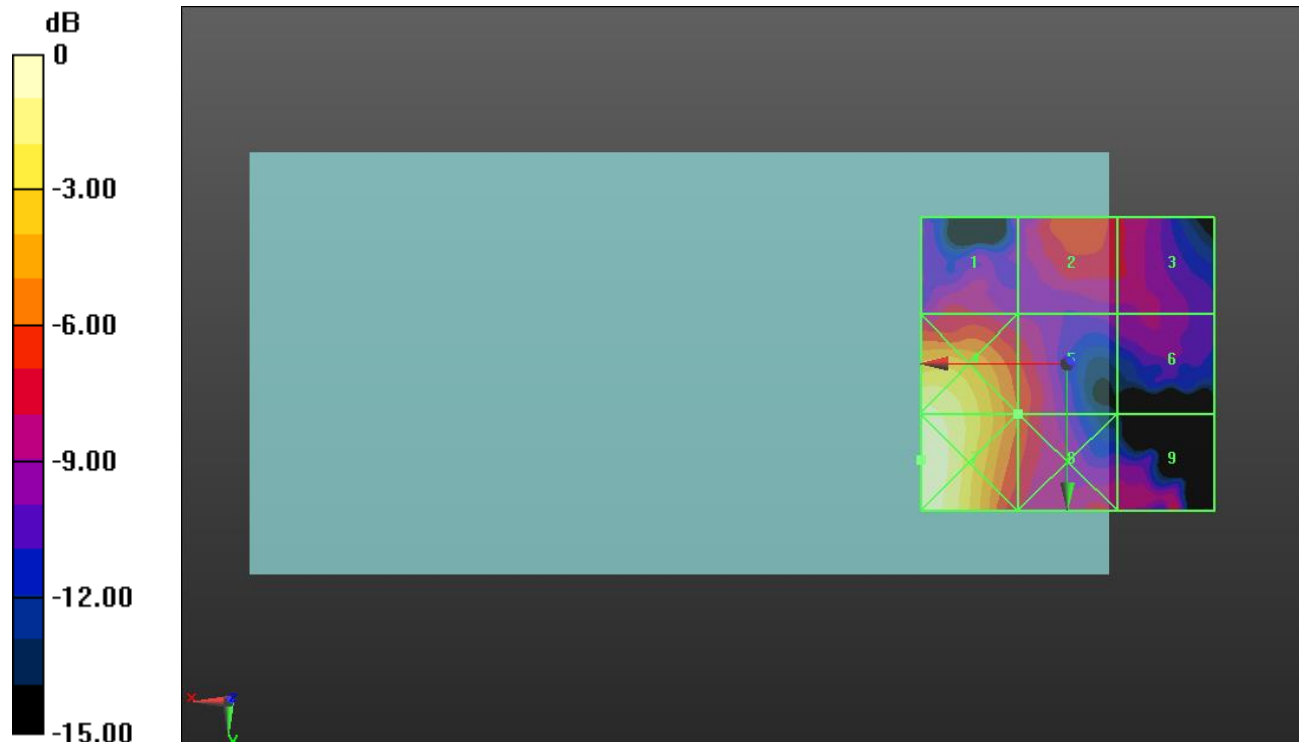
Applied MIF = -5.82 dB

RF audio interference level = 9.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 7.73 dBV/m	Grid 2 M4 9.05 dBV/m	Grid 3 M4 7.73 dBV/m
Grid 4 M4 14.69 dBV/m	Grid 5 M4 9.26 dBV/m	Grid 6 M4 6.43 dBV/m
Grid 7 M4 15.28 dBV/m	Grid 8 M4 9.27 dBV/m	Grid 9 M4 7.57 dBV/m



0 dB = 5.807 V/m = 15.28 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 48/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 = 4.150 V/m; Power Drift = -0.79 dB

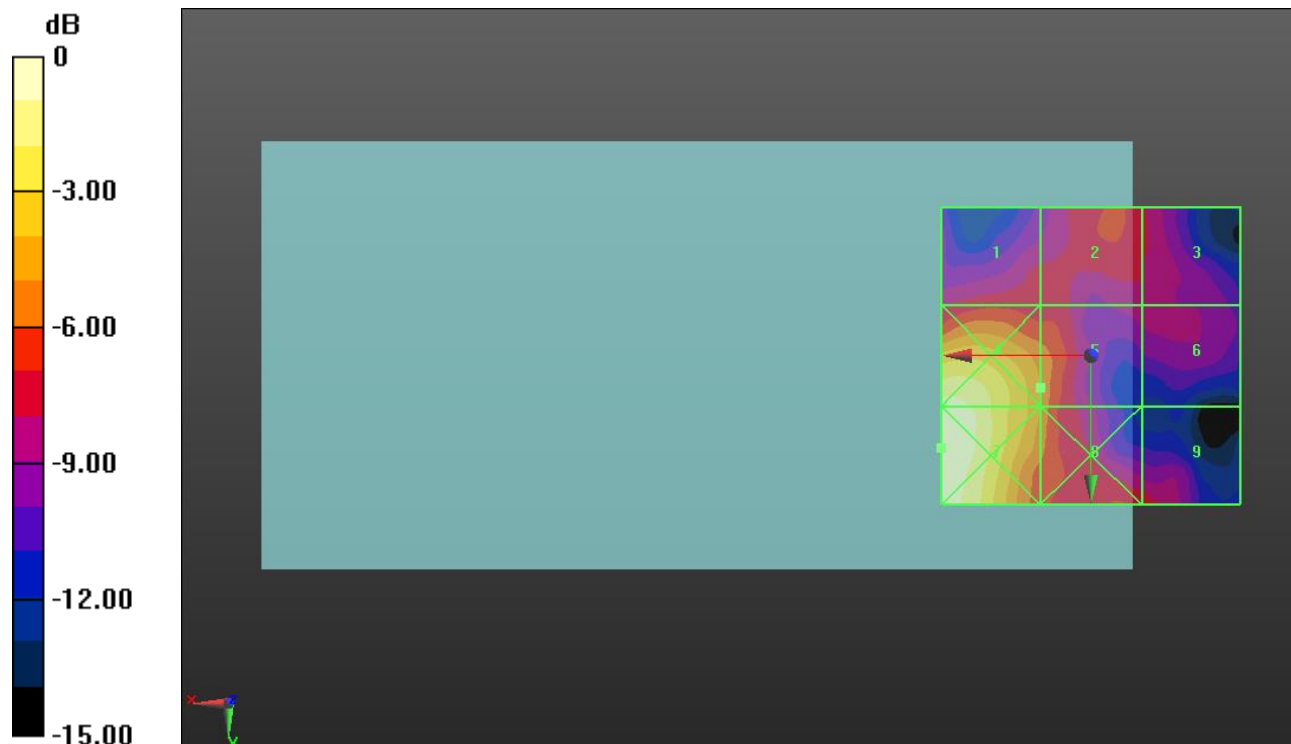
Applied MIF = -5.82 dB

RF audio interference level = 10.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.45 dBV/m	Grid 2 M4 8.86 dBV/m	Grid 3 M4 8.01 dBV/m
Grid 4 M4 14.97 dBV/m	Grid 5 M4 10.63 dBV/m	Grid 6 M4 7.38 dBV/m
Grid 7 M4 15.64 dBV/m	Grid 8 M4 10.54 dBV/m	Grid 9 M4 8.34 dBV/m



0 dB = 6.056 V/m = 15.64 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 52/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 = 4.243 V/m; Power Drift = -0.45 dB

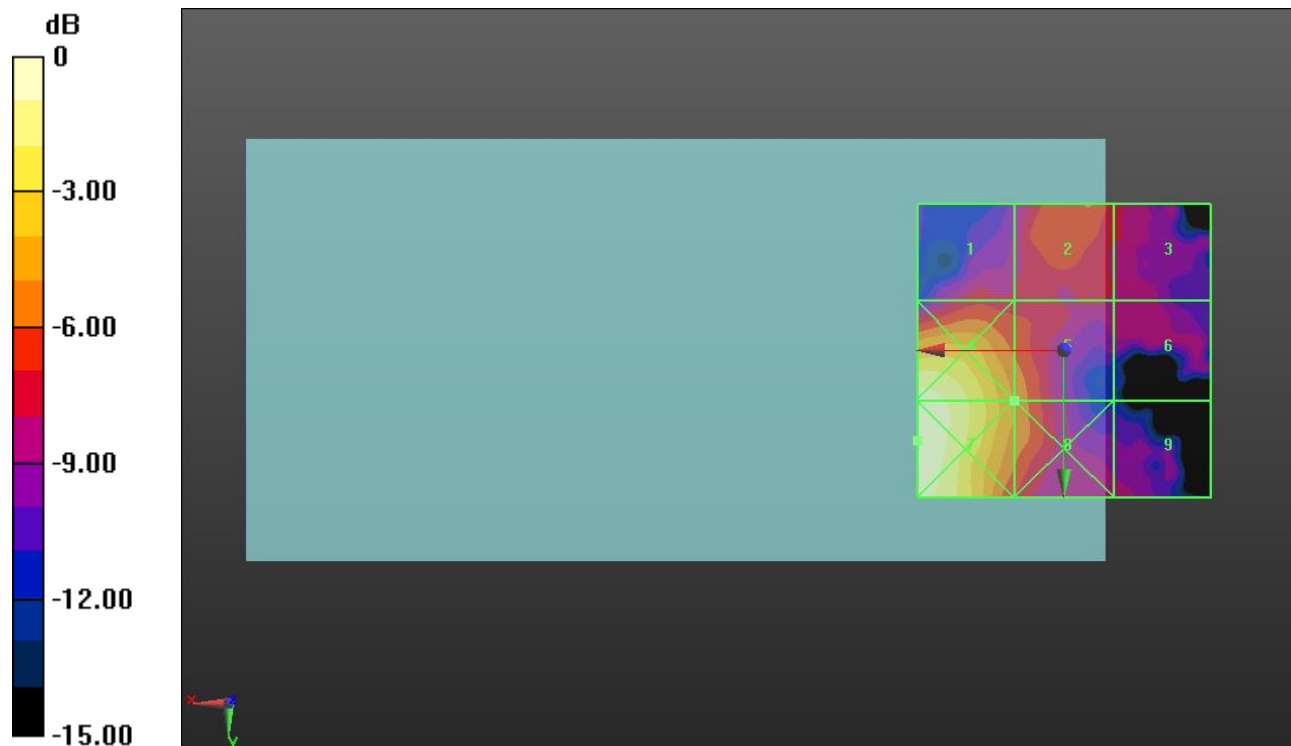
Applied MIF = -5.82 dB

RF audio interference level = 10.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 7.86 dBV/m	Grid 2 M4 9.15 dBV/m	Grid 3 M4 7.6 dBV/m
Grid 4 M4 14.52 dBV/m	Grid 5 M4 10.02 dBV/m	Grid 6 M4 6.93 dBV/m
Grid 7 M4 15.04 dBV/m	Grid 8 M4 10.08 dBV/m	Grid 9 M4 7.09 dBV/m



0 dB = 5.647 V/m = 15.04 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 56/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 = 4.441 V/m; Power Drift = -1.59 dB

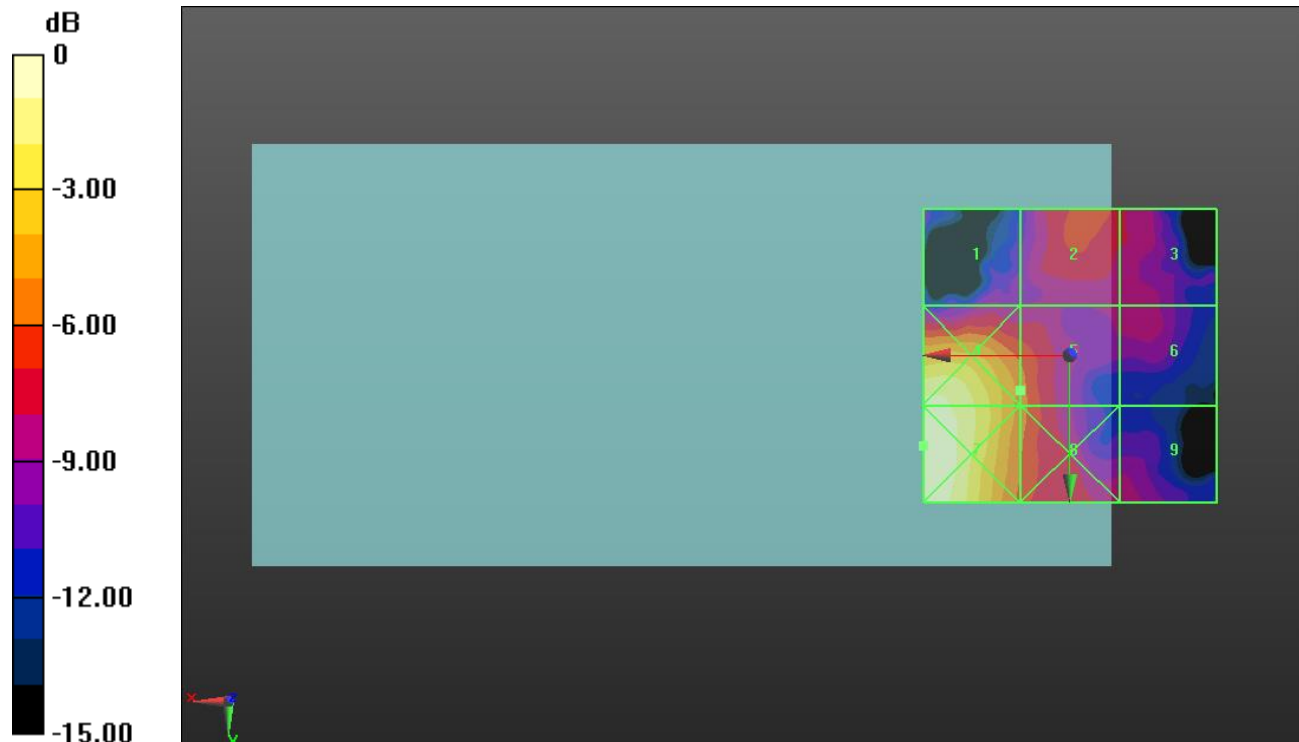
Applied MIF = -5.82 dB

RF audio interference level = 9.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 6.36 dBV/m	Grid 2 M4 8.73 dBV/m	Grid 3 M4 7.3 dBV/m
Grid 4 M4 14.3 dBV/m	Grid 5 M4 9.6 dBV/m	Grid 6 M4 6.47 dBV/m
Grid 7 M4 14.96 dBV/m	Grid 8 M4 9.56 dBV/m	Grid 9 M4 6.78 dBV/m



0 dB = 5.598 V/m = 14.96 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 60/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 = 4.272 V/m; Power Drift = -1.35 dB

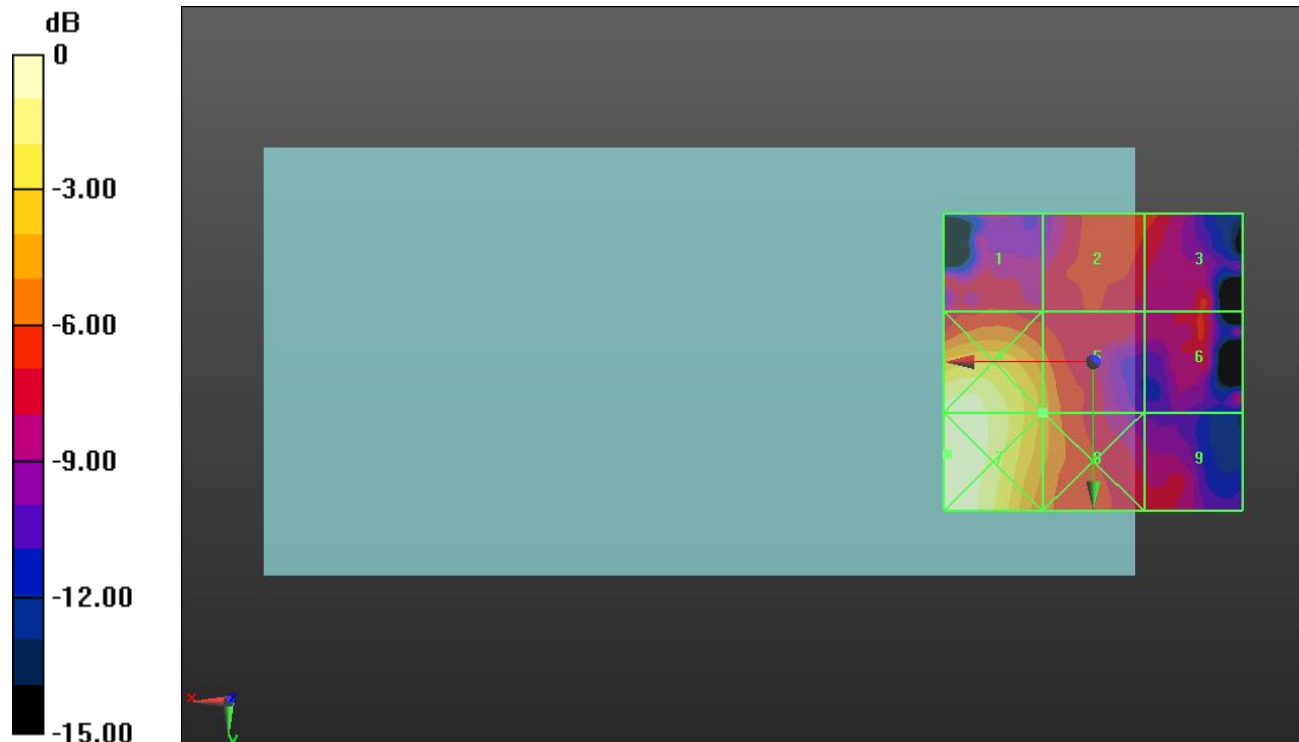
Applied MIF = -5.82 dB

RF audio interference level = 9.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 7.59 dBV/m	Grid 2 M4 8.29 dBV/m	Grid 3 M4 8.01 dBV/m
Grid 4 M4 13.91 dBV/m	Grid 5 M4 9.99 dBV/m	Grid 6 M4 7.72 dBV/m
Grid 7 M4 14.41 dBV/m	Grid 8 M4 10.03 dBV/m	Grid 9 M4 7.41 dBV/m



0 dB = 5.252 V/m = 14.41 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 104/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 = 2.691 V/m; Power Drift = -2.57 dB

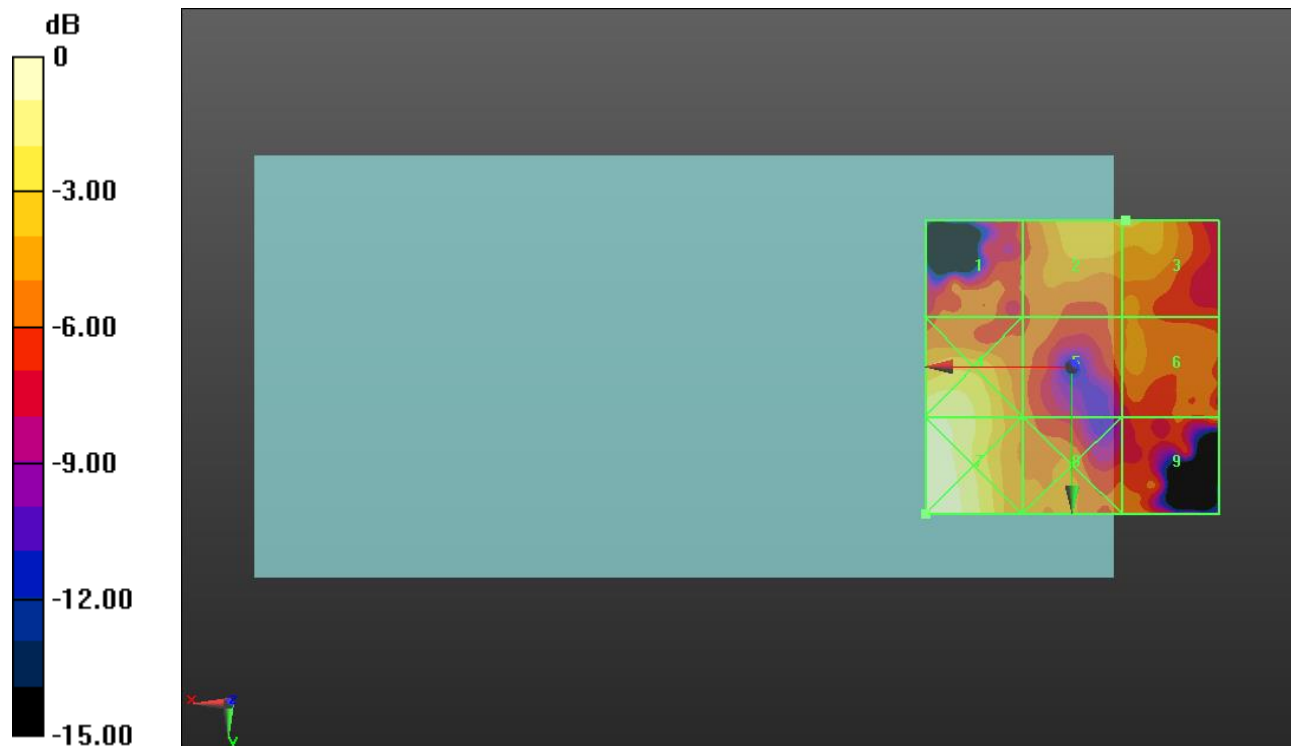
Applied MIF = -5.82 dB

RF audio interference level = 7.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 5.29 dBV/m	Grid 2 M4 7.8 dBV/m	Grid 3 M4 7.83 dBV/m
Grid 4 M4 9.52 dBV/m	Grid 5 M4 5.38 dBV/m	Grid 6 M4 5.93 dBV/m
Grid 7 M4 10.49 dBV/m	Grid 8 M4 5.84 dBV/m	Grid 9 M4 5.24 dBV/m



0 dB = 3.346 V/m = 10.49 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 124/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 = 2.493 V/m; Power Drift = -0.64 dB

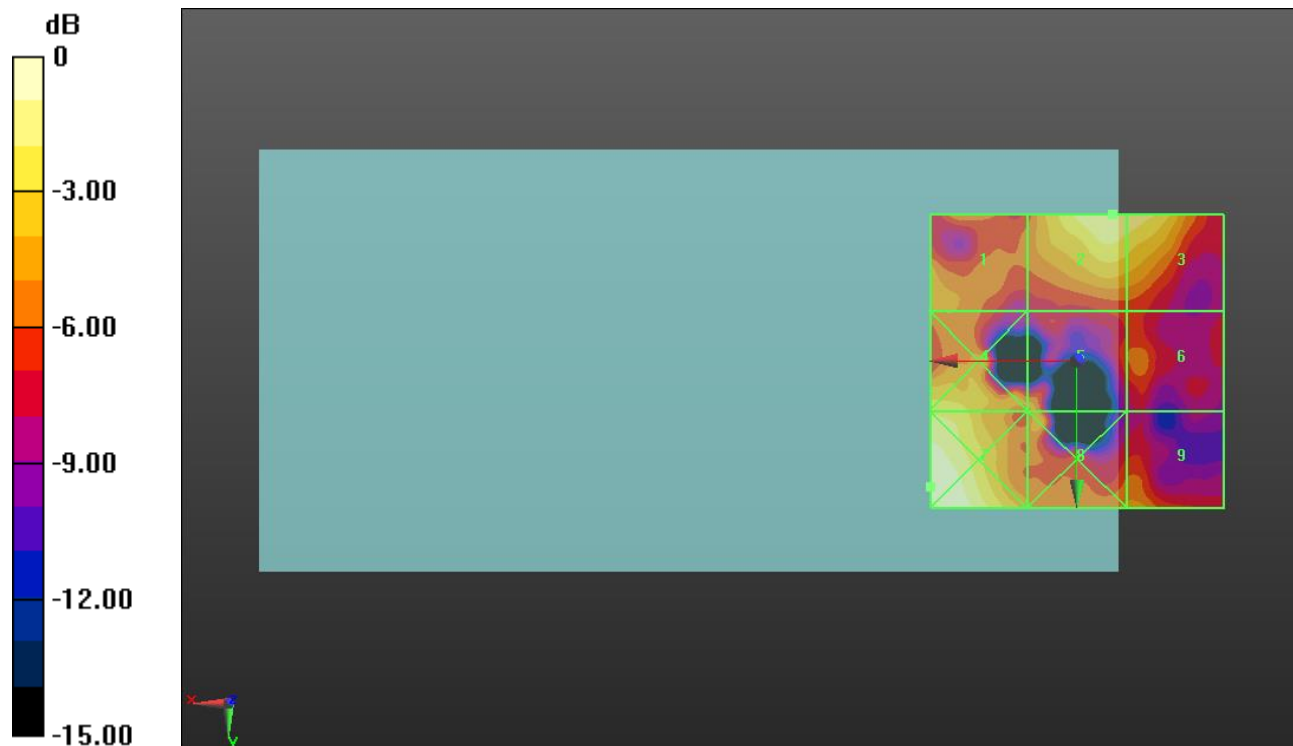
Applied MIF = -5.82 dB

RF audio interference level = 9.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 6.69 dBV/m	Grid 2 M4 9.86 dBV/m	Grid 3 M4 9.65 dBV/m
Grid 4 M4 8.62 dBV/m	Grid 5 M4 6.08 dBV/m	Grid 6 M4 5.64 dBV/m
Grid 7 M4 10.87 dBV/m	Grid 8 M4 6.82 dBV/m	Grid 9 M4 6.44 dBV/m



0 dB = 3.495 V/m = 10.87 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 144/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 = 4.530 V/m; Power Drift = -1.01 dB

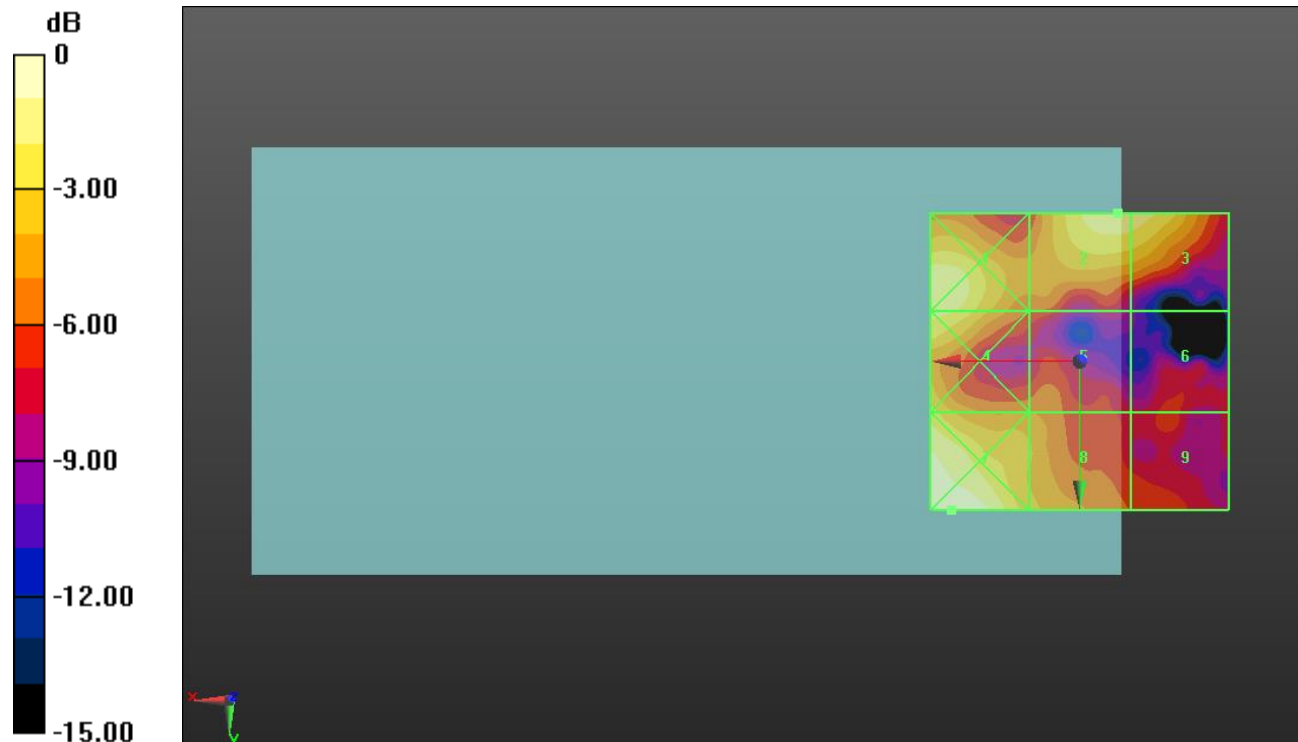
Applied MIF = -5.82 dB

RF audio interference level = 10.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.82 dBV/m	Grid 2 M4 10.9 dBV/m	Grid 3 M4 10.77 dBV/m
Grid 4 M4 10.39 dBV/m	Grid 5 M4 7.13 dBV/m	Grid 6 M4 5.57 dBV/m
Grid 7 M4 12.13 dBV/m	Grid 8 M4 8.69 dBV/m	Grid 9 M4 6.17 dBV/m



0 dB = 4.042 V/m = 12.13 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 149/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 = 4.331 V/m; Power Drift = -0.67 dB

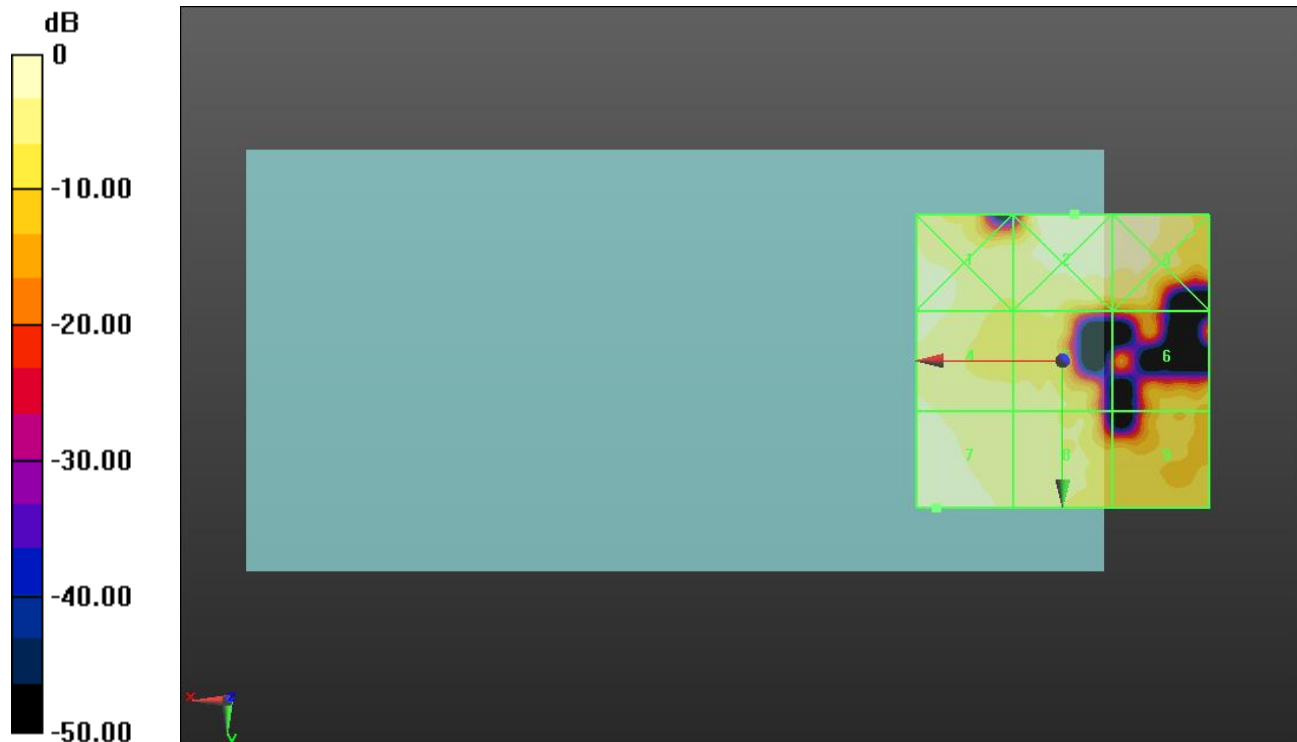
Applied MIF = -5.82 dB

RF audio interference level = 11.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.44 dBV/m	Grid 2 M4 12.29 dBV/m	Grid 3 M4 11.64 dBV/m
Grid 4 M4 10.27 dBV/m	Grid 5 M4 6.77 dBV/m	Grid 6 M4 3.84 dBV/m
Grid 7 M4 11.24 dBV/m	Grid 8 M4 8.11 dBV/m	Grid 9 M4 5.28 dBV/m



0 dB = 4.116 V/m = 12.29 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 157/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 = 3.784 V/m; Power Drift = -1.47 dB

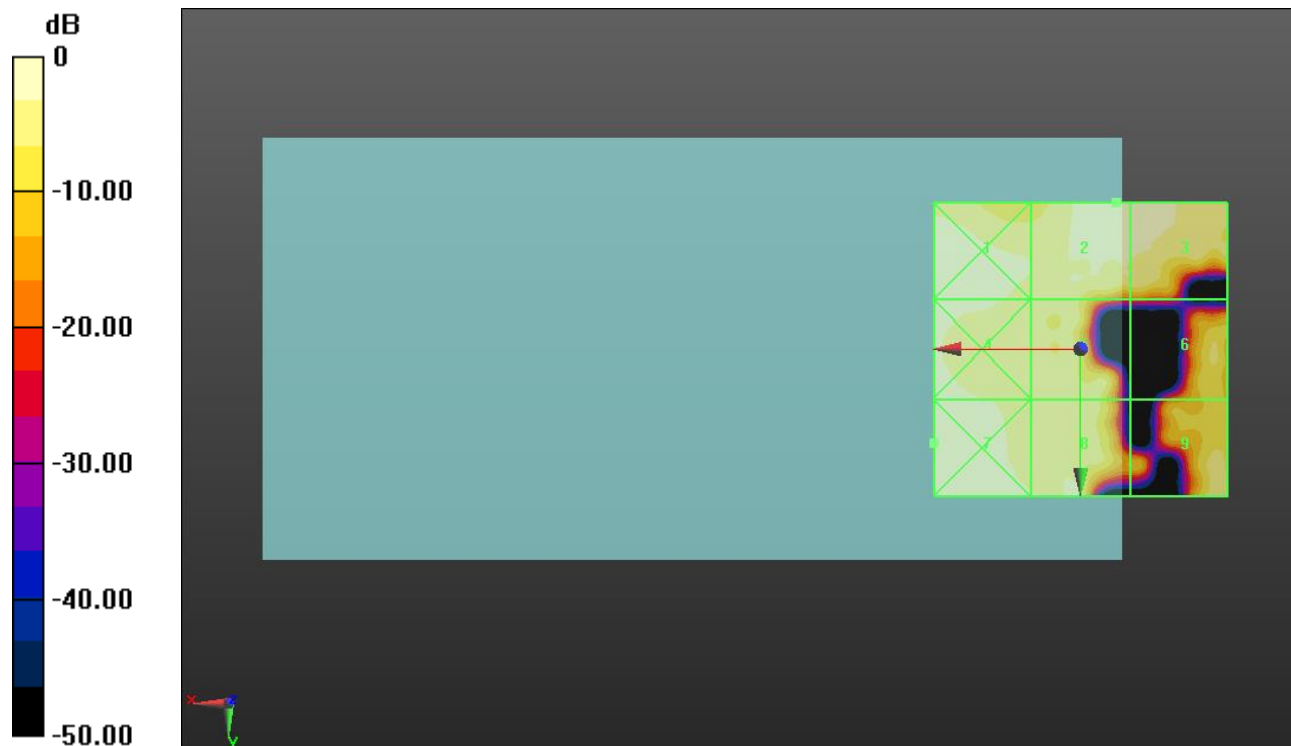
Applied MIF = -5.82 dB

RF audio interference level = 10.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.32 dBV/m	Grid 2 M4 10.43 dBV/m	Grid 3 M4 10.02 dBV/m
Grid 4 M4 10.38 dBV/m	Grid 5 M4 7.17 dBV/m	Grid 6 M4 5.44 dBV/m
Grid 7 M4 11.46 dBV/m	Grid 8 M4 10.29 dBV/m	Grid 9 M4 6.6 dBV/m



0 dB = 3.739 V/m = 11.46 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:7.37564

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 165/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 = 2.882 V/m; Power Drift = -0.27 dB

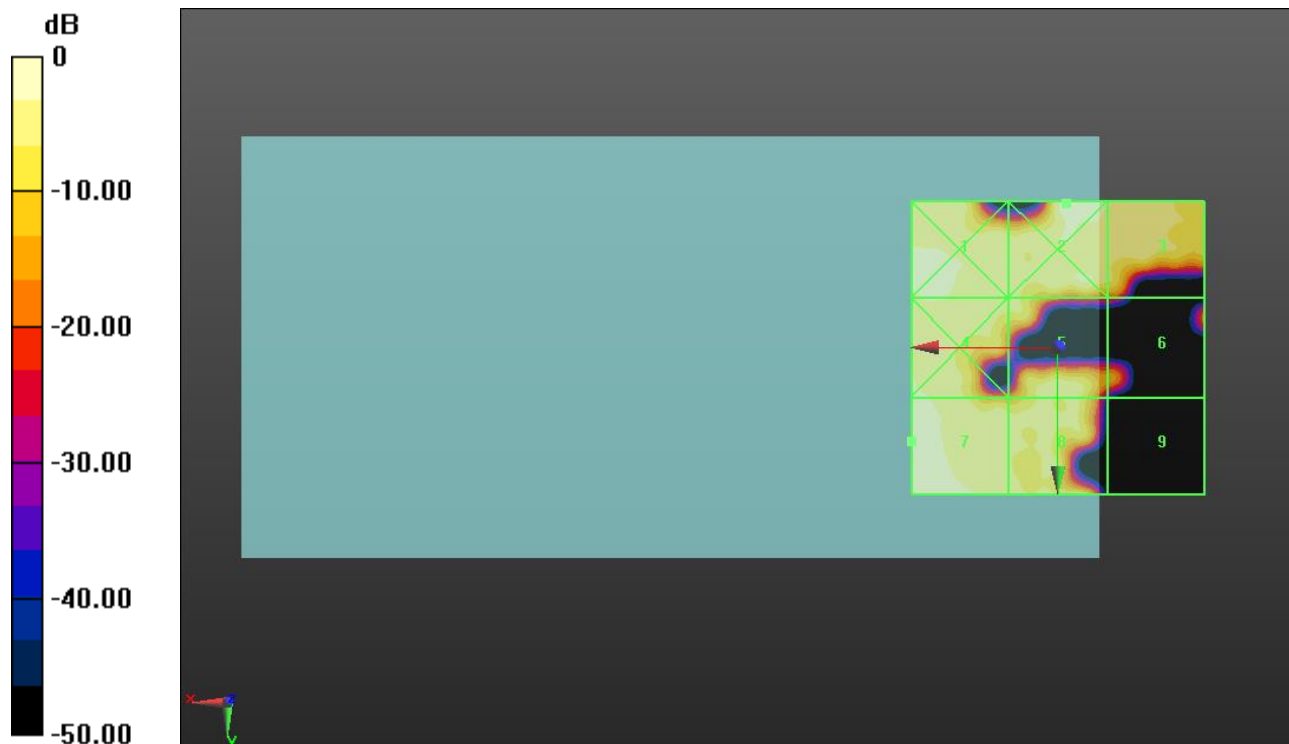
Applied MIF = -5.82 dB

RF audio interference level = 10.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.41 dBV/m	Grid 2 M4 12.18 dBV/m	Grid 3 M4 8.75 dBV/m
Grid 4 M4 9.49 dBV/m	Grid 5 M4 8.69 dBV/m	Grid 6 M4 -2.91 dBV/m
Grid 7 M4 10.46 dBV/m	Grid 8 M4 7.54 dBV/m	Grid 9 M4 -23.06 dBV/m



0 dB = 4.063 V/m = 12.18 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 10.06 V/m; Power Drift = 0.12 dB

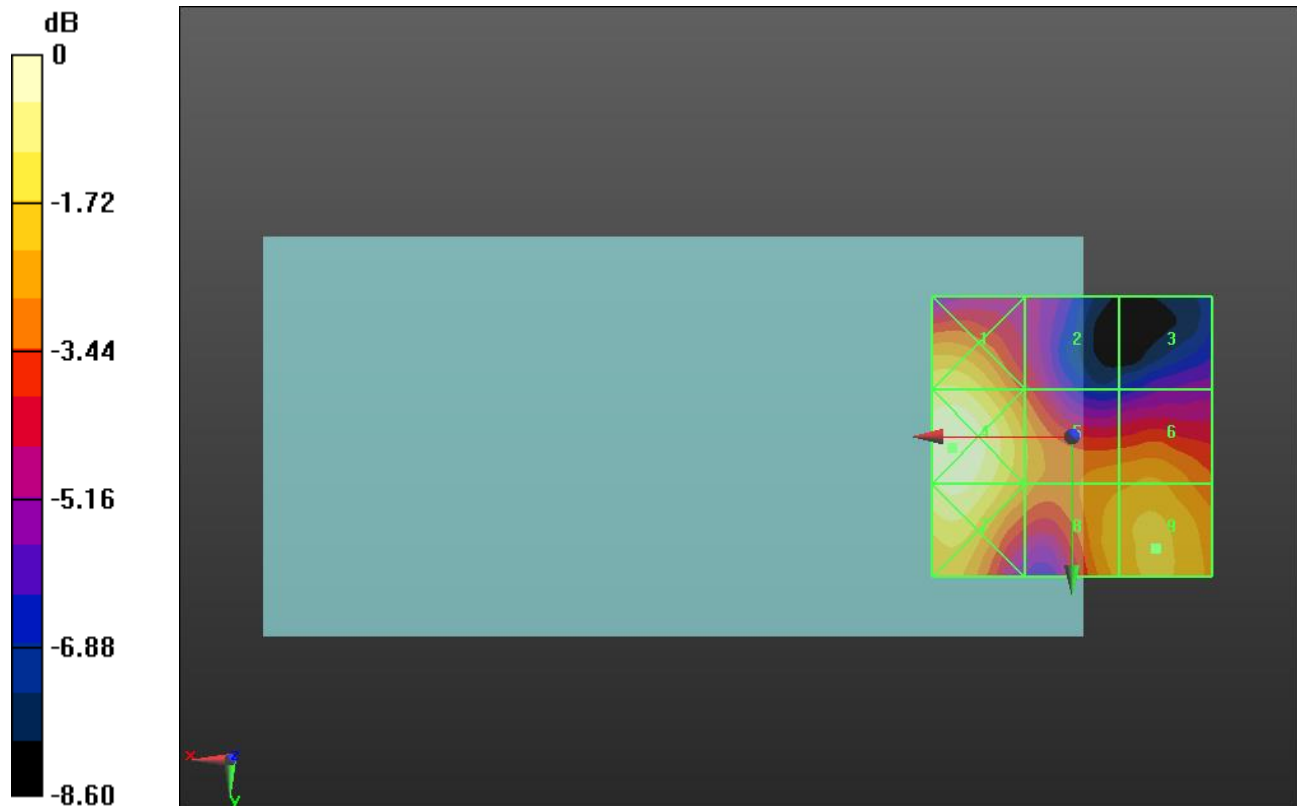
Applied MIF = -1.44 dB

RF audio interference level = 19.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.25 dBV/m	Grid 2 M4 17.59 dBV/m	Grid 3 M4 15.87 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 19.13 dBV/m	Grid 6 M4 19.14 dBV/m
Grid 7 M4 20.89 dBV/m	Grid 8 M4 19.36 dBV/m	Grid 9 M4 19.78 dBV/m



0 dB = 11.56 V/m = 21.26 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 9.906 V/m; Power Drift = -0.19 dB

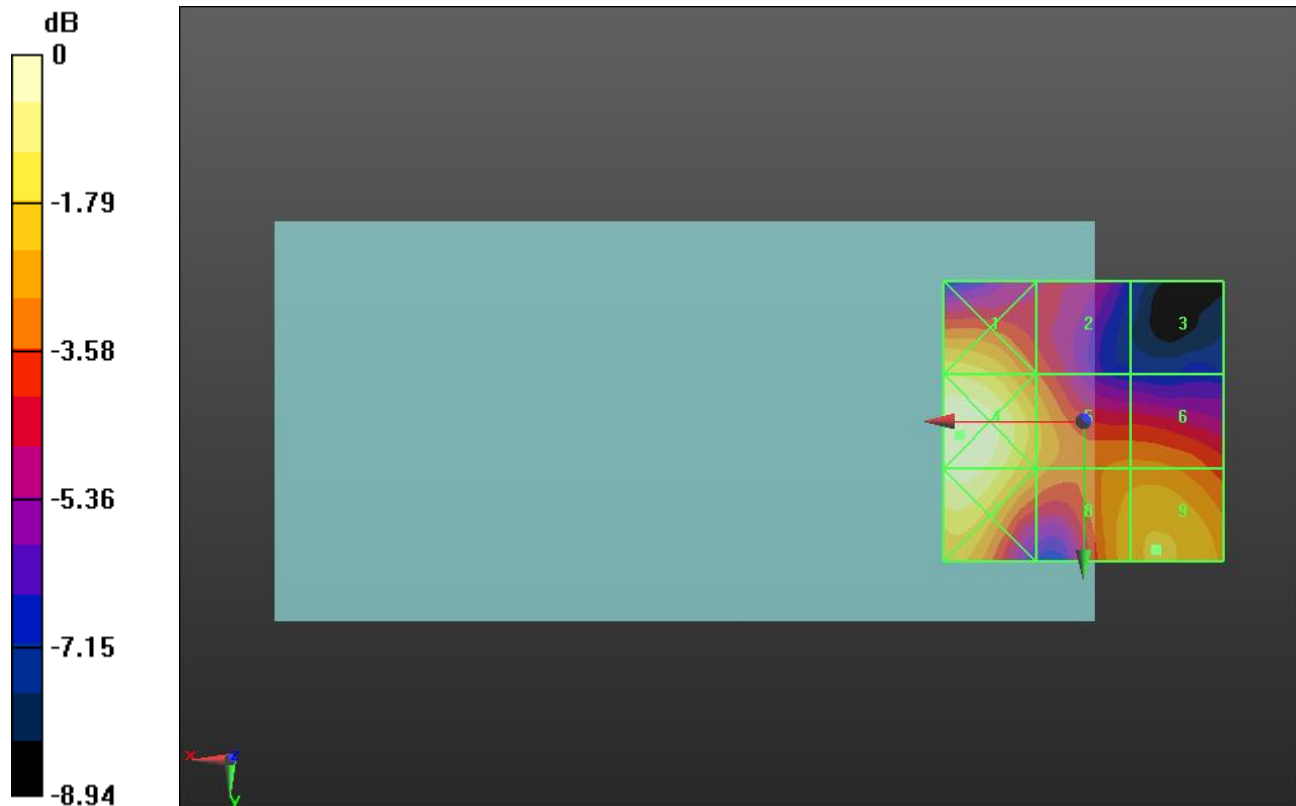
Applied MIF = -1.44 dB

RF audio interference level = 19.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.24 dBV/m	Grid 2 M4 18.02 dBV/m	Grid 3 M4 14.78 dBV/m
Grid 4 M4 21.49 dBV/m	Grid 5 M4 19.38 dBV/m	Grid 6 M4 18.76 dBV/m
Grid 7 M4 21.19 dBV/m	Grid 8 M4 19.52 dBV/m	Grid 9 M4 19.78 dBV/m



0 dB = 11.88 V/m = 21.50 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 9.613 V/m; Power Drift = -0.12 dB

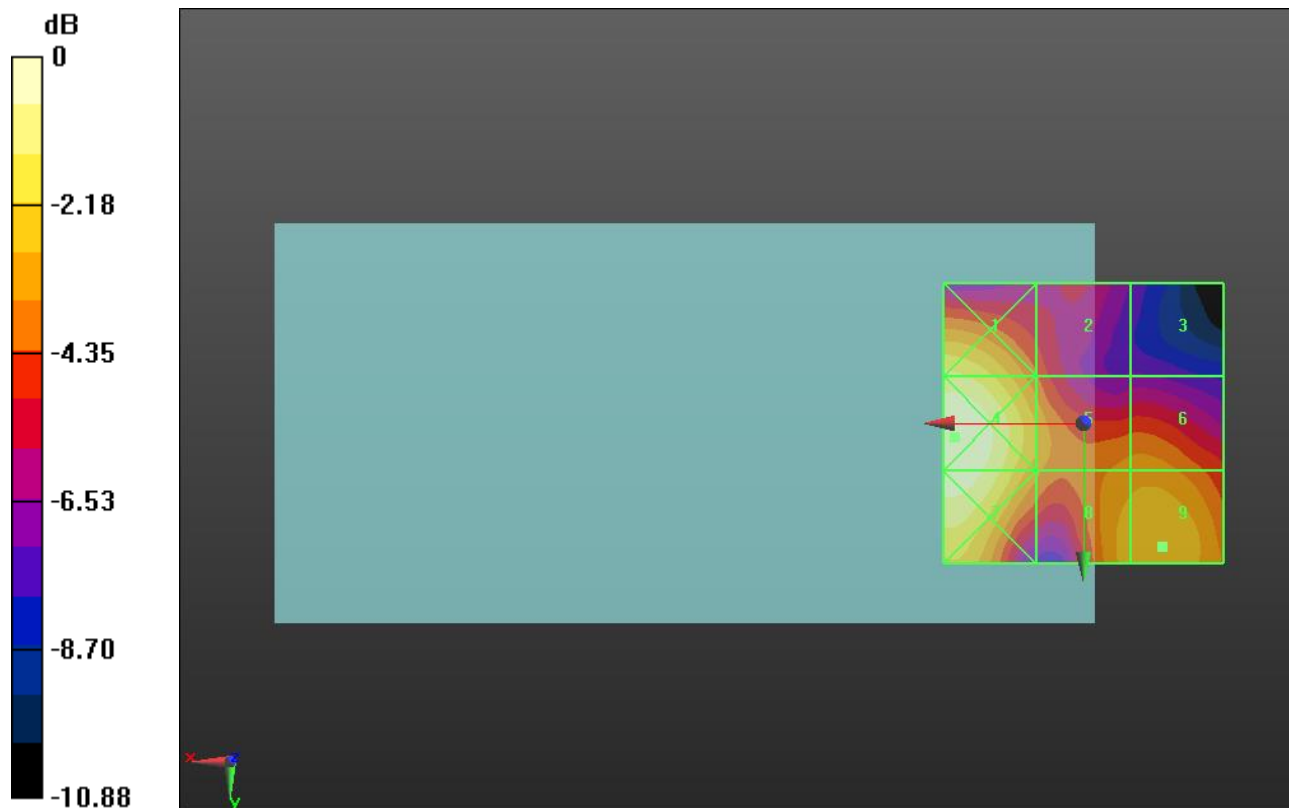
Applied MIF = -1.44 dB

RF audio interference level = 19.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.98 dBV/m	Grid 2 M4 17.99 dBV/m	Grid 3 M4 15.1 dBV/m
Grid 4 M4 22.23 dBV/m	Grid 5 M4 19.4 dBV/m	Grid 6 M4 19.02 dBV/m
Grid 7 M4 22 dBV/m	Grid 8 M4 19.67 dBV/m	Grid 9 M4 19.92 dBV/m



0 dB = 12.92 V/m = 22.23 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 11.04 V/m; Power Drift = -0.02 dB

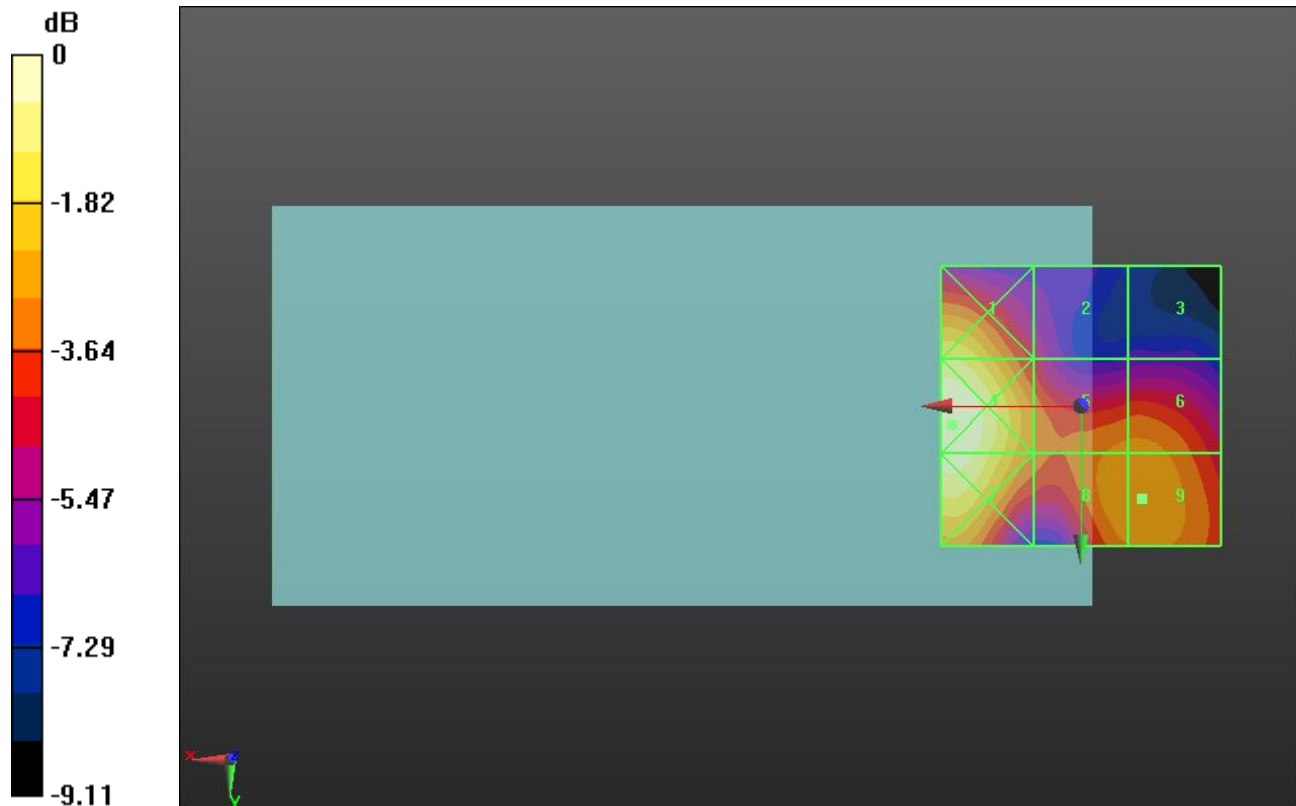
Applied MIF = -1.44 dB

RF audio interference level = 20.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.23 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 17.06 dBV/m
Grid 4 M4 23.39 dBV/m	Grid 5 M4 20.62 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 20.87 dBV/m	Grid 9 M4 20.91 dBV/m



0 dB = 14.77 V/m = 23.39 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 39.38 V/m; Power Drift = 0.00 dB

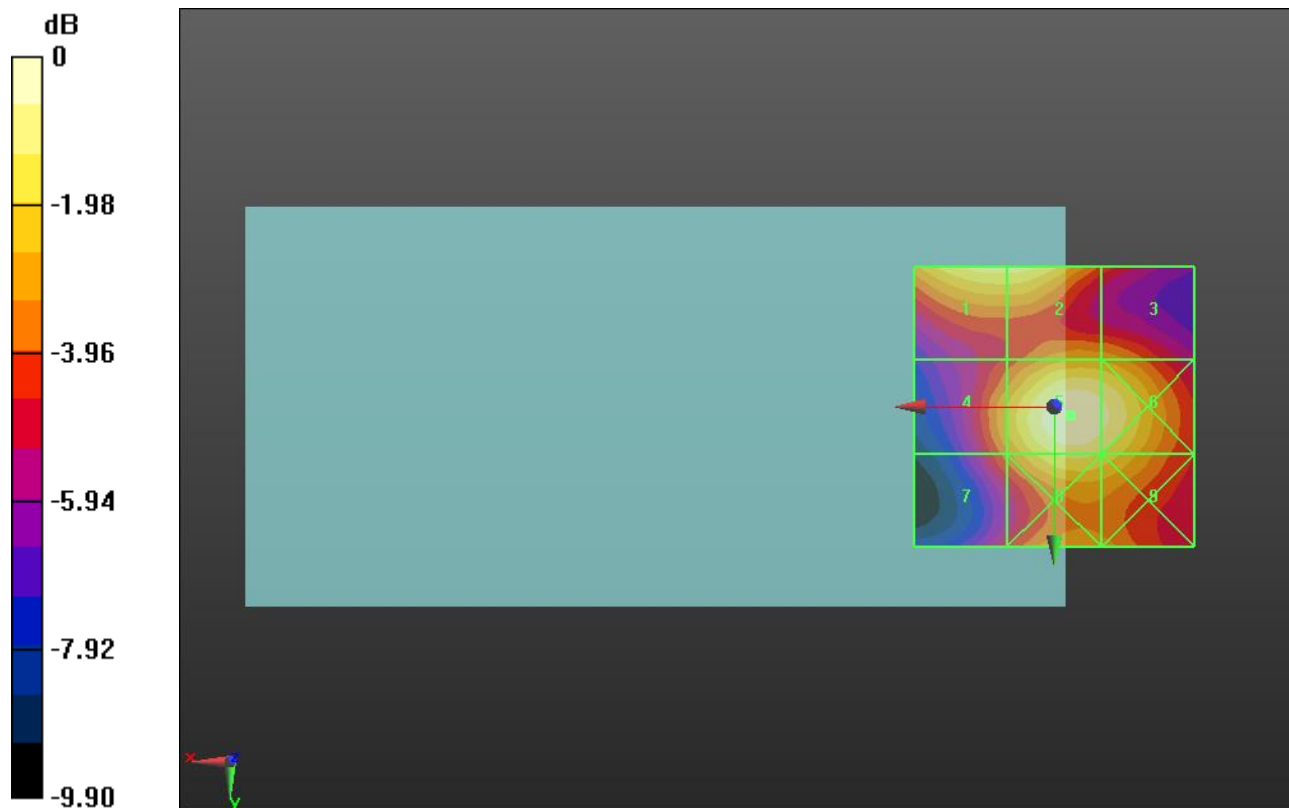
Applied MIF = -1.44 dB

RF audio interference level = 25.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.04 dBV/m	Grid 2 M4 25.04 dBV/m	Grid 3 M4 23.18 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 25.95 dBV/m	Grid 6 M4 25.51 dBV/m
Grid 7 M4 22.42 dBV/m	Grid 8 M4 24.85 dBV/m	Grid 9 M4 24.5 dBV/m



0 dB = 19.85 V/m = 25.96 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 40.29 V/m; Power Drift = 0.02 dB

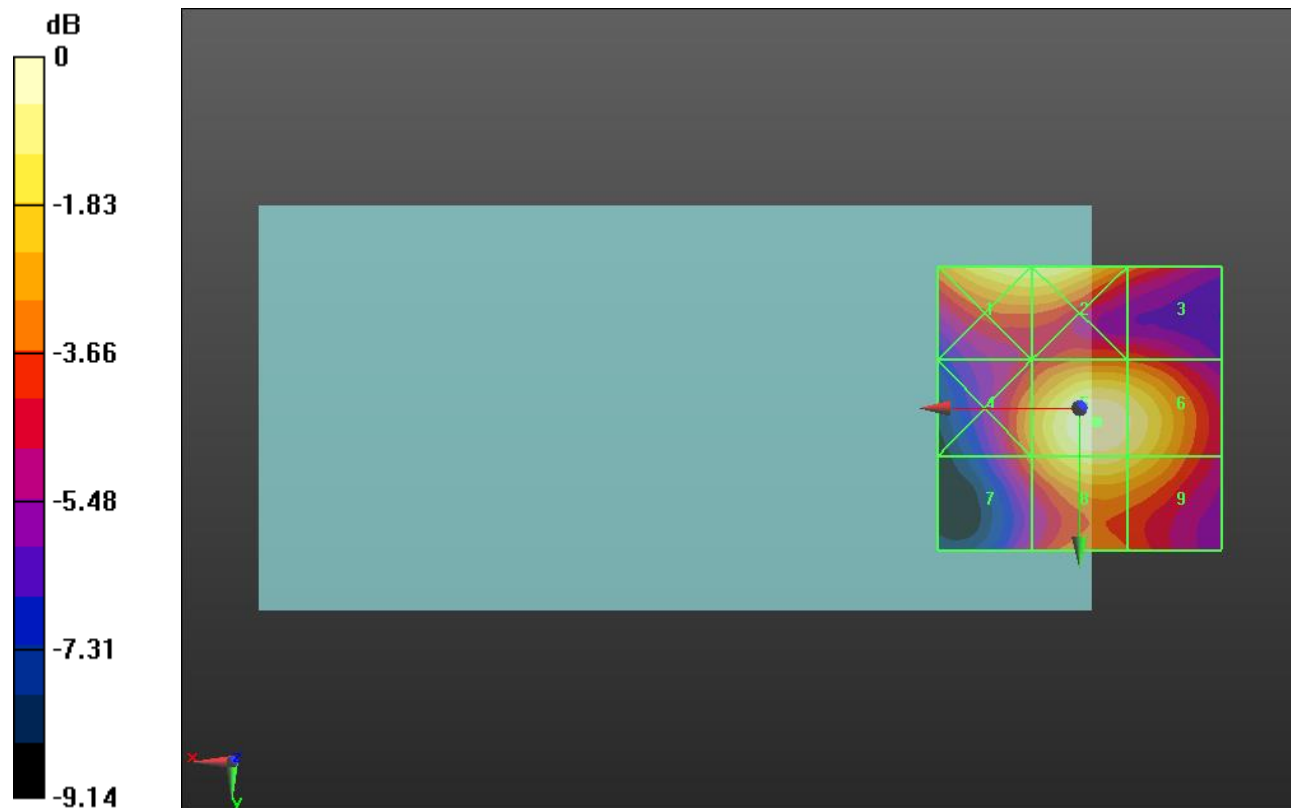
Applied MIF = -1.44 dB

RF audio interference level = 26.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.9 dBV/m	Grid 2 M4 25.93 dBV/m	Grid 3 M4 23.3 dBV/m
Grid 4 M4 23.83 dBV/m	Grid 5 M4 26.35 dBV/m	Grid 6 M4 25.85 dBV/m
Grid 7 M4 23.13 dBV/m	Grid 8 M4 25.51 dBV/m	Grid 9 M4 25.08 dBV/m



0 dB = 20.77 V/m = 26.35 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 37.46 V/m; Power Drift = 0.12 dB

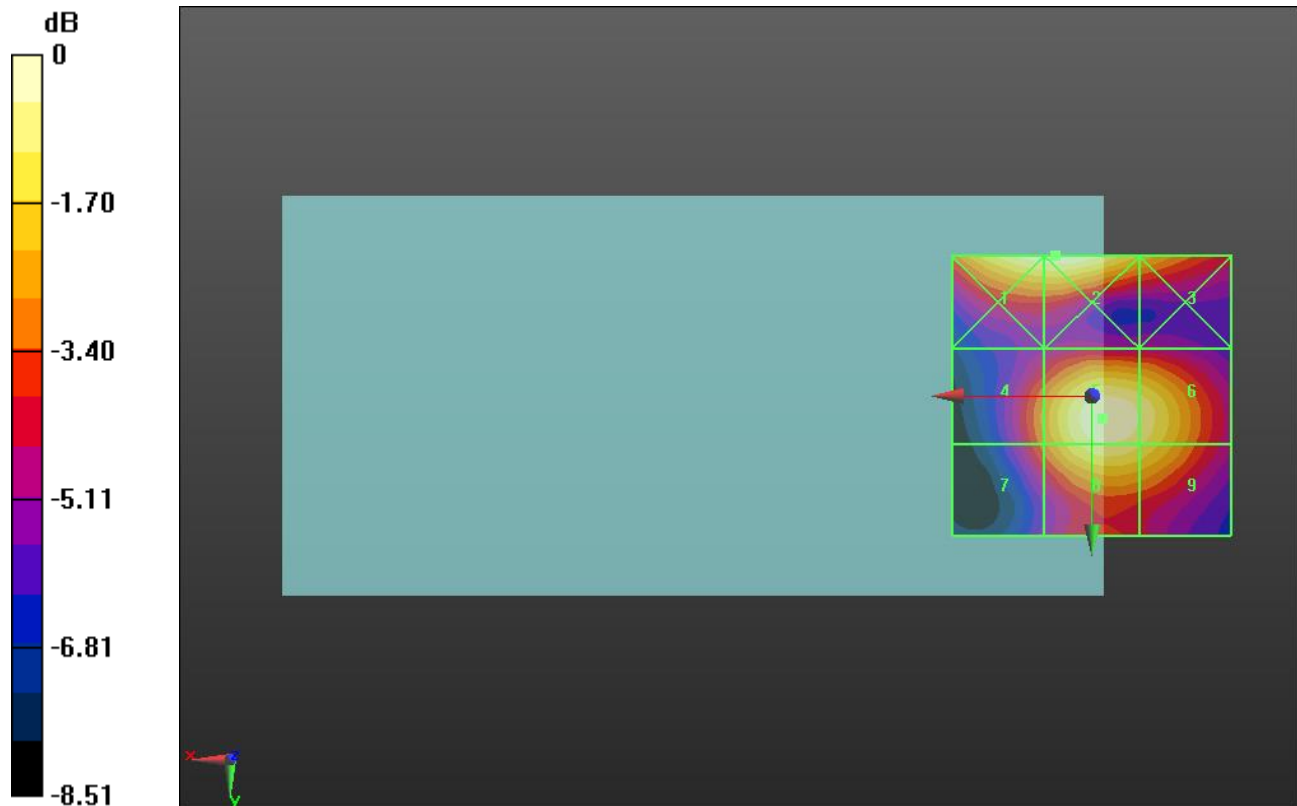
Applied MIF = -1.44 dB

RF audio interference level = 25.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.98 dBV/m	Grid 2 M4 26.05 dBV/m	Grid 3 M4 24.34 dBV/m
Grid 4 M4 23.51 dBV/m	Grid 5 M4 25.99 dBV/m	Grid 6 M4 25.44 dBV/m
Grid 7 M4 23.1 dBV/m	Grid 8 M4 25.49 dBV/m	Grid 9 M4 25.02 dBV/m



0 dB = 20.06 V/m = 26.05 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.35 V/m; Power Drift = -0.04 dB

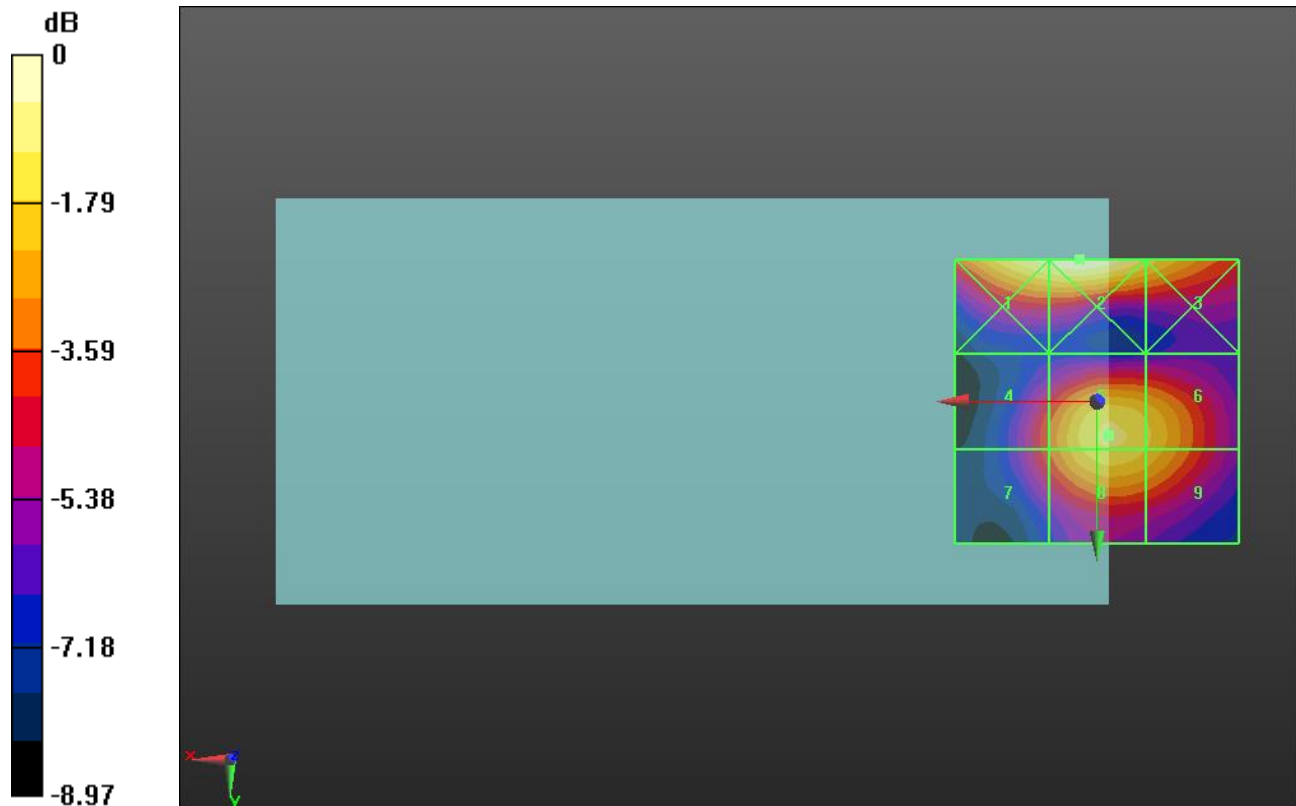
Applied MIF = -1.44 dB

RF audio interference level = 25.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.09 dBV/m	Grid 2 M4 26.32 dBV/m	Grid 3 M4 25 dBV/m
Grid 4 M4 22.82 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 24.72 dBV/m
Grid 7 M4 22.71 dBV/m	Grid 8 M4 25.07 dBV/m	Grid 9 M4 24.54 dBV/m



0 dB = 20.70 V/m = 26.32 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 2.764 V/m; Power Drift = 0.04 dB

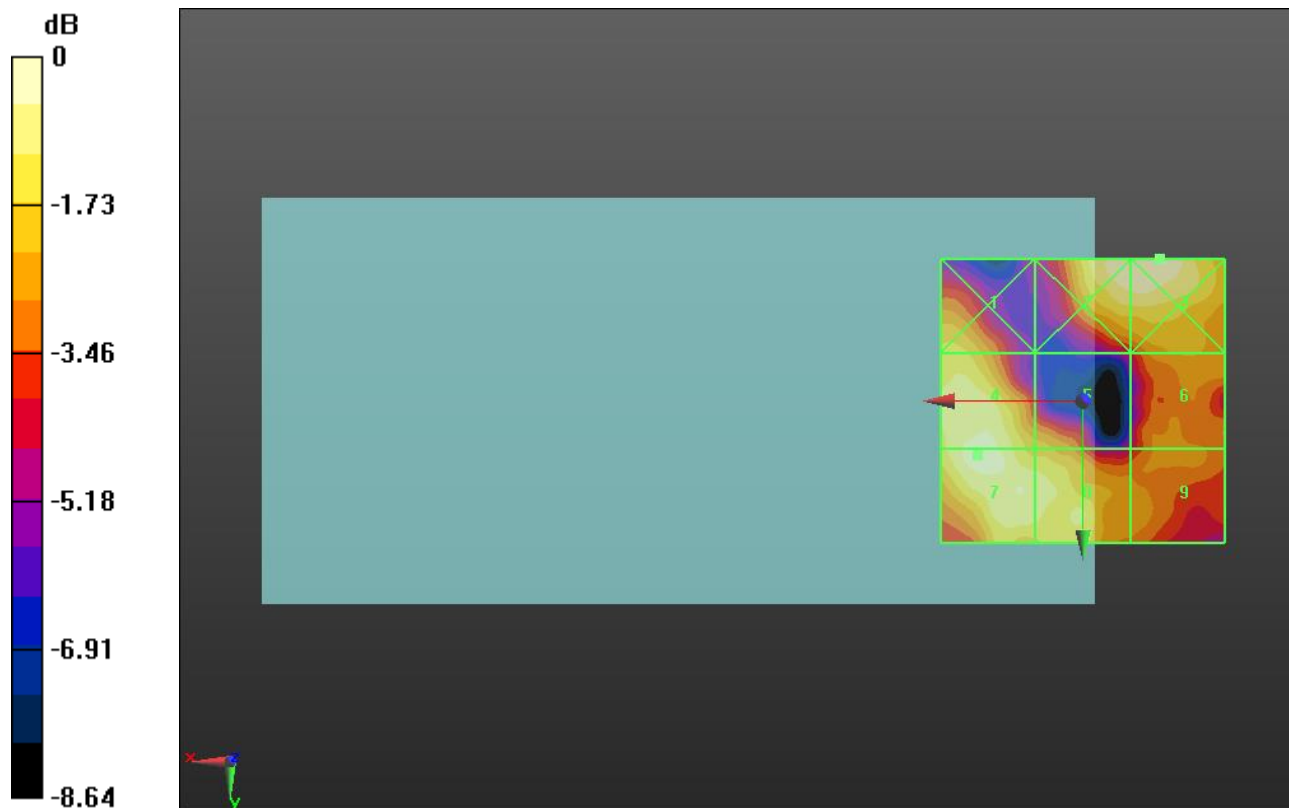
Applied MIF = -1.44 dB

RF audio interference level = 13.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.43 dBV/m	Grid 2 M4 13.74 dBV/m	Grid 3 M4 13.91 dBV/m
Grid 4 M4 13.6 dBV/m	Grid 5 M4 12 dBV/m	Grid 6 M4 11.68 dBV/m
Grid 7 M4 13.63 dBV/m	Grid 8 M4 13.19 dBV/m	Grid 9 M4 11.5 dBV/m



0 dB = 4.962 V/m = 13.91 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 3.648 V/m; Power Drift = 0.05 dB

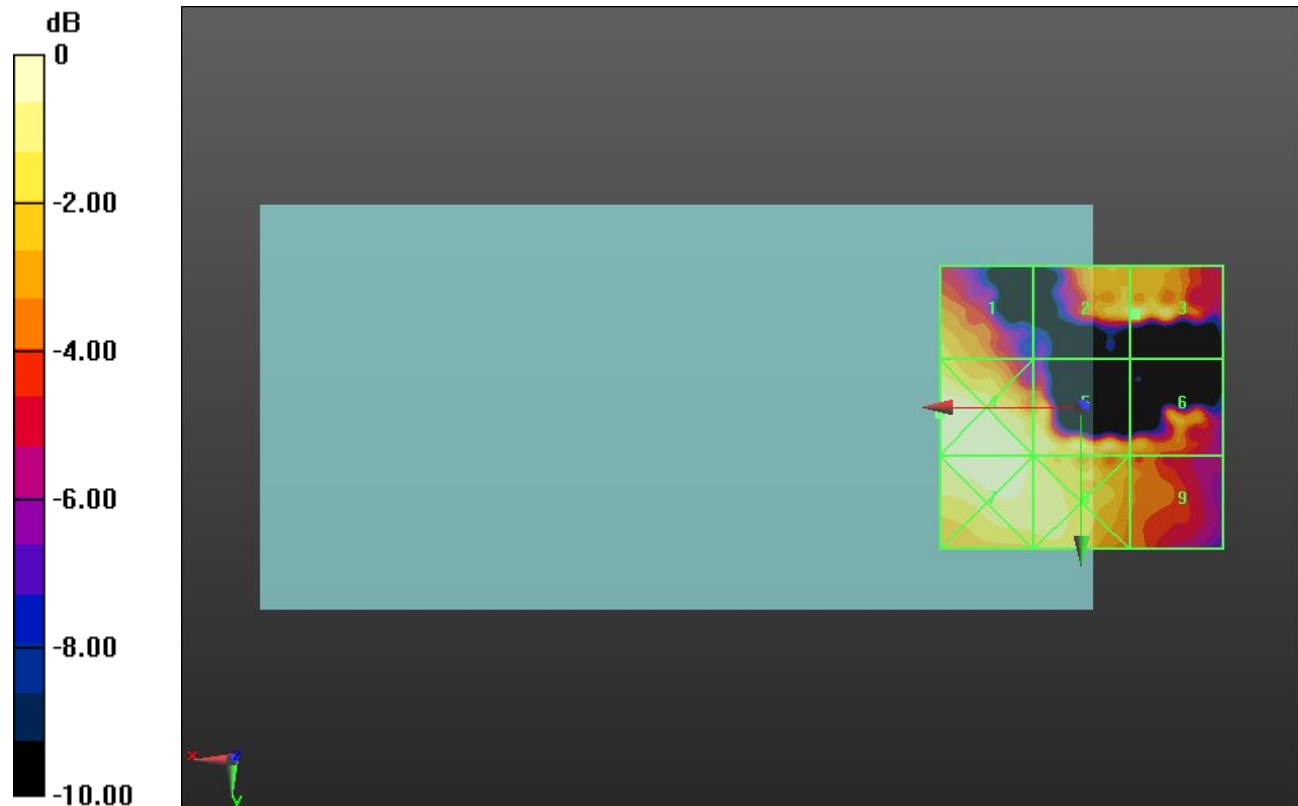
Applied MIF = -1.44 dB

RF audio interference level = 13.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.33 dBV/m	Grid 2 M4 12.78 dBV/m	Grid 3 M4 13.07 dBV/m
Grid 4 M4 13.78 dBV/m	Grid 5 M4 12.98 dBV/m	Grid 6 M4 11.82 dBV/m
Grid 7 M4 13.59 dBV/m	Grid 8 M4 12.99 dBV/m	Grid 9 M4 11 dBV/m



0 dB = 4.887 V/m = 13.78 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 4.291 V/m; Power Drift = 0.19 dB

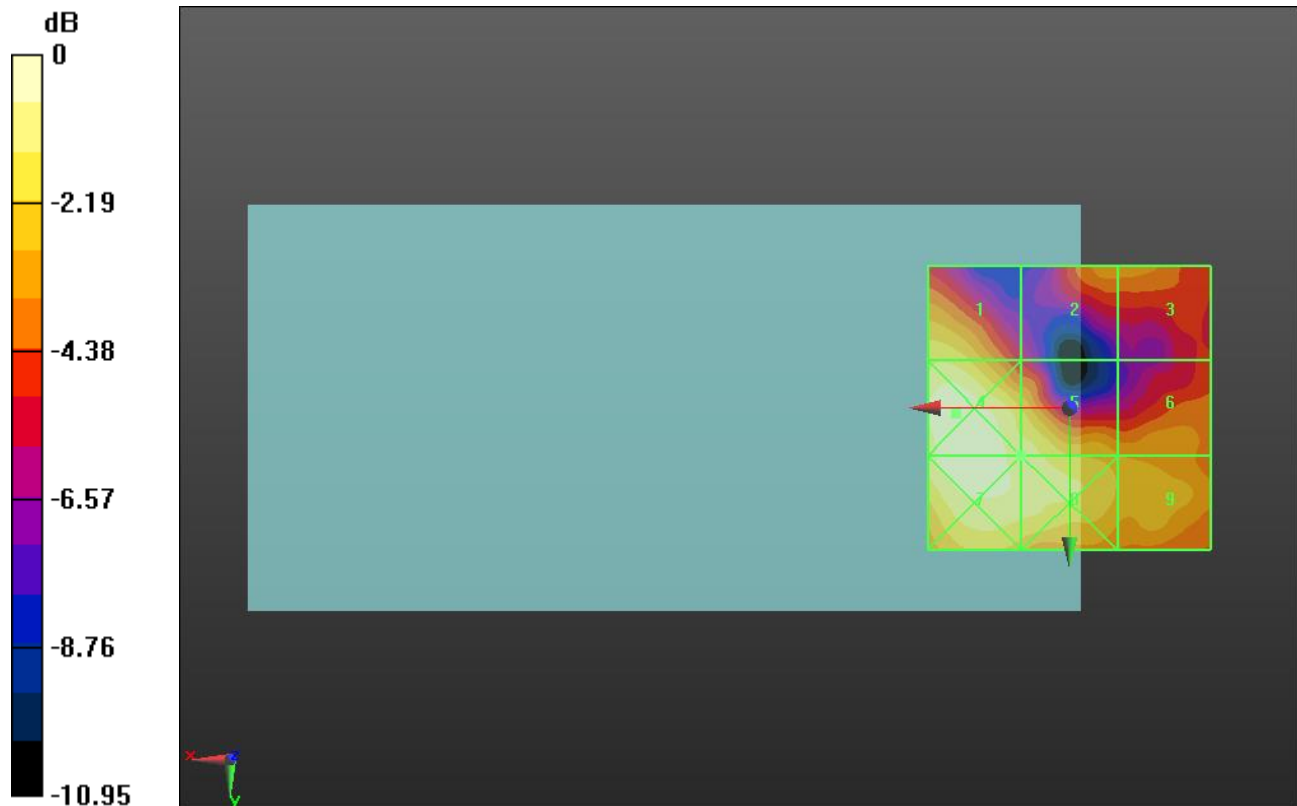
Applied MIF = -1.44 dB

RF audio interference level = 13.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.92 dBV/m	Grid 2 M4 11.34 dBV/m	Grid 3 M4 11.29 dBV/m
Grid 4 M4 14.44 dBV/m	Grid 5 M4 13.4 dBV/m	Grid 6 M4 11.65 dBV/m
Grid 7 M4 14.33 dBV/m	Grid 8 M4 13.56 dBV/m	Grid 9 M4 12.22 dBV/m



0 dB = 5.275 V/m = 14.44 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 6.437 V/m; Power Drift = -0.01 dB

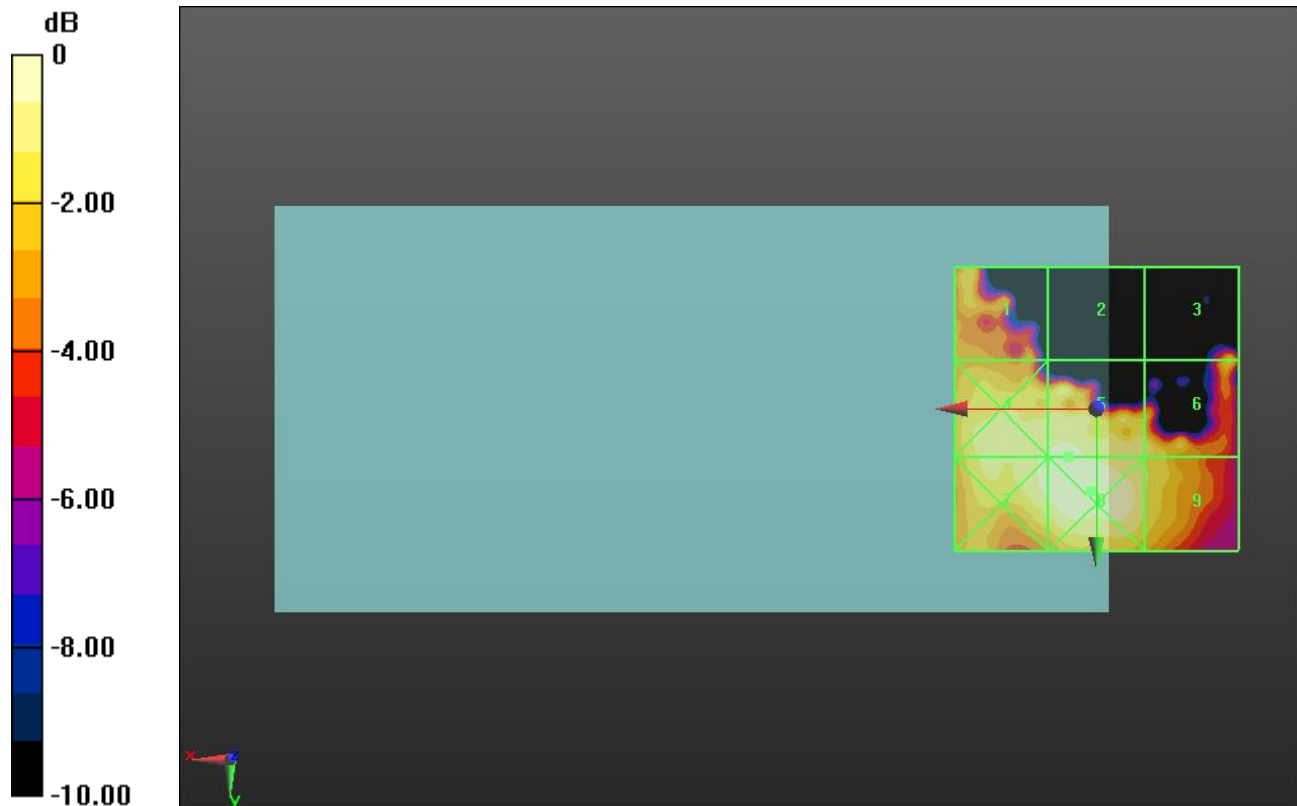
Applied MIF = -1.44 dB

RF audio interference level = 14.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.88 dBV/m	Grid 2 M4 10.68 dBV/m	Grid 3 M4 12.99 dBV/m
Grid 4 M4 14.32 dBV/m	Grid 5 M4 14.55 dBV/m	Grid 6 M4 13.94 dBV/m
Grid 7 M4 14.46 dBV/m	Grid 8 M4 14.87 dBV/m	Grid 9 M4 13.67 dBV/m



0 dB = 5.540 V/m = 14.87 dBV/m

