

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 = 43.97 V/m; Power Drift = -0.01 dB

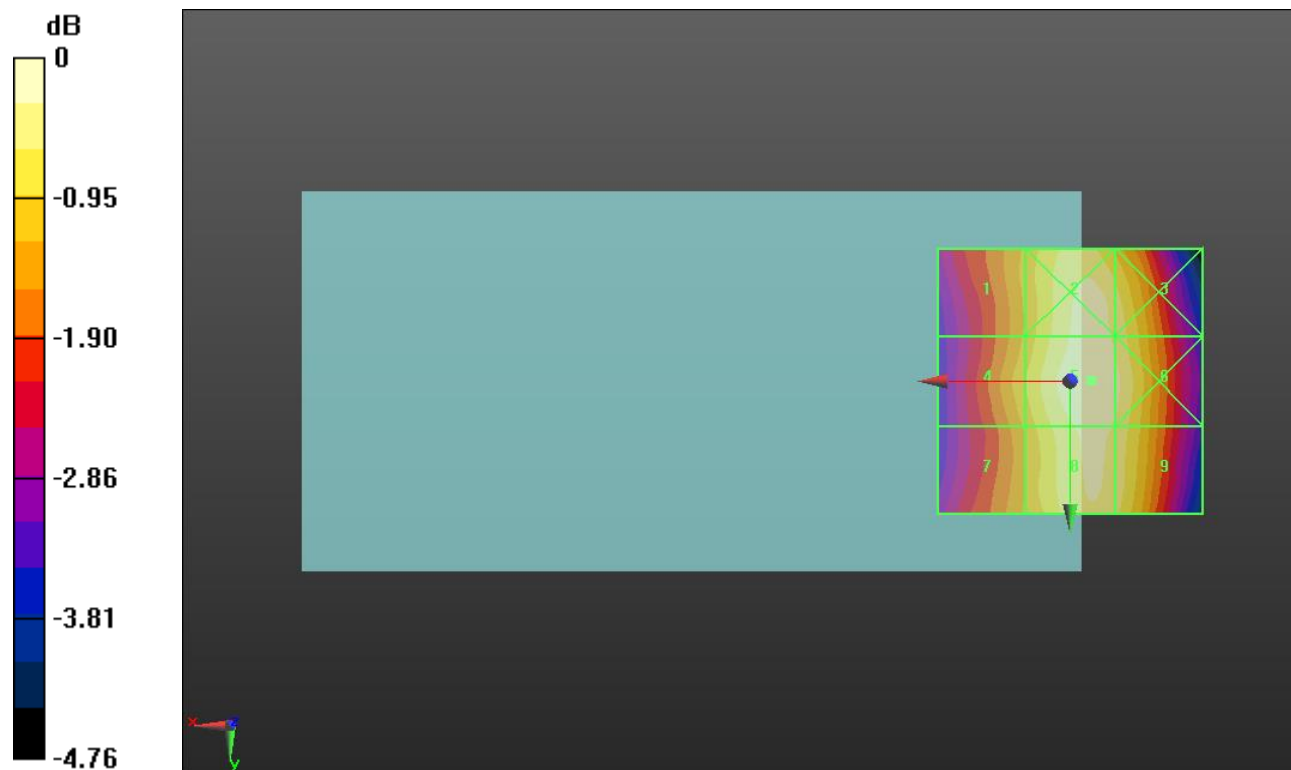
Applied MIF = 3.63 dB

RF audio interference level = 34.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.15 dBV/m	Grid 2 M4 34.15 dBV/m	Grid 3 M4 33.93 dBV/m
Grid 4 M4 33.35 dBV/m	Grid 5 M4 34.31 dBV/m	Grid 6 M4 34.08 dBV/m
Grid 7 M4 33.1 dBV/m	Grid 8 M4 34.1 dBV/m	Grid 9 M4 33.94 dBV/m



0 dB = 51.92 V/m = 34.31 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 = 42.64 V/m; Power Drift = -0.12 dB

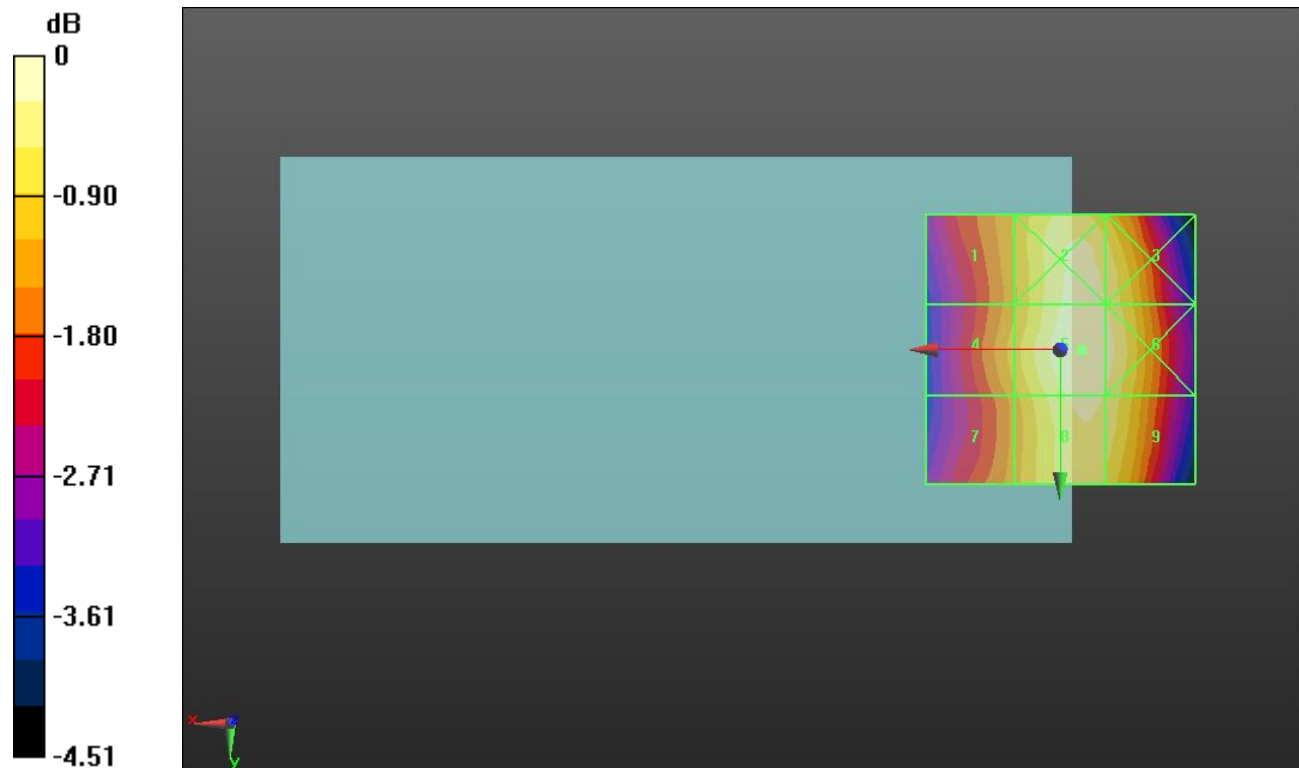
Applied MIF = 3.63 dB

RF audio interference level = 33.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.83 dBV/m	Grid 2 M4 33.87 dBV/m	Grid 3 M4 33.69 dBV/m
Grid 4 M4 32.96 dBV/m	Grid 5 M4 33.99 dBV/m	Grid 6 M4 33.83 dBV/m
Grid 7 M4 32.69 dBV/m	Grid 8 M4 33.79 dBV/m	Grid 9 M4 33.66 dBV/m



0 dB = 50.06 V/m = 33.99 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 = 42.15 V/m; Power Drift = 0.01 dB

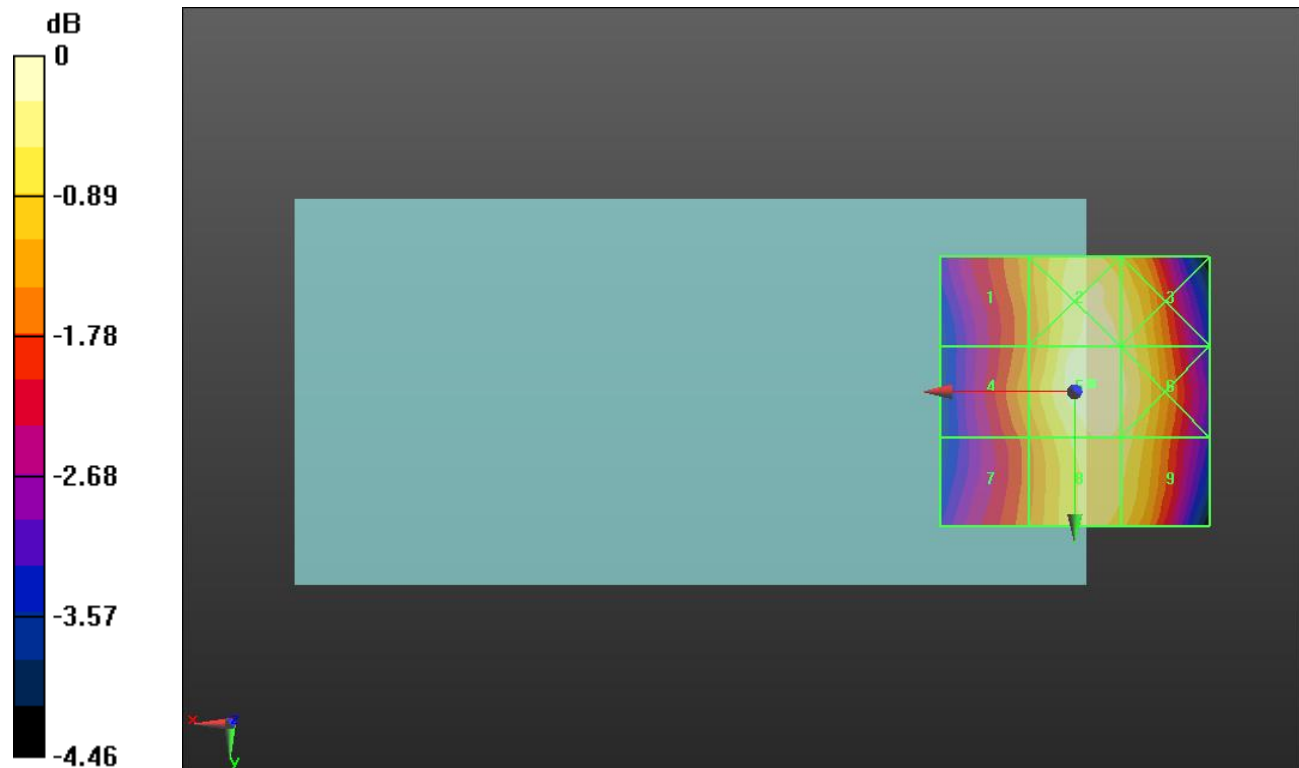
Applied MIF = 3.63 dB

RF audio interference level = 34.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.77 dBV/m	Grid 2 M4 33.91 dBV/m	Grid 3 M4 33.73 dBV/m
Grid 4 M4 32.88 dBV/m	Grid 5 M4 34.04 dBV/m	Grid 6 M4 33.85 dBV/m
Grid 7 M4 32.54 dBV/m	Grid 8 M4 33.76 dBV/m	Grid 9 M4 33.65 dBV/m



0 dB = 50.36 V/m = 34.04 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 = 9.815 V/m; Power Drift = 0.02 dB

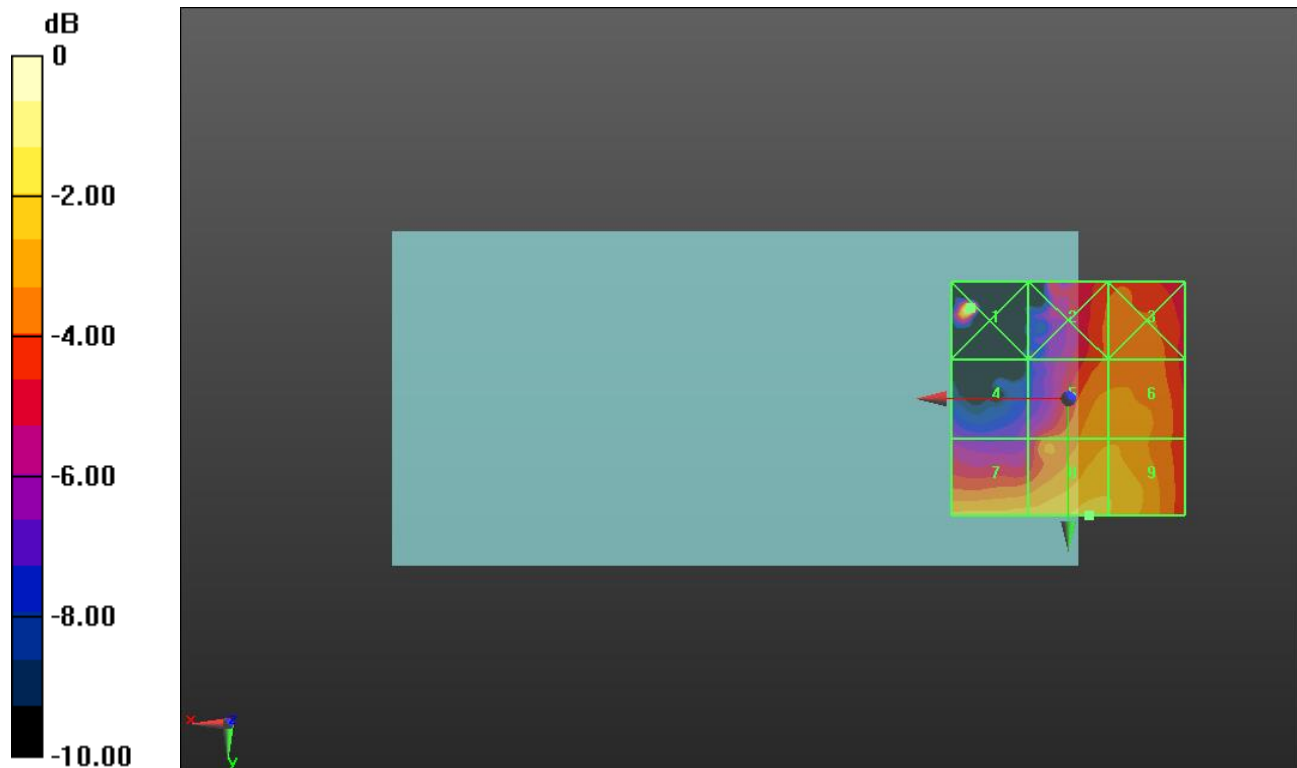
Applied MIF = 3.63 dB

RF audio interference level = 24.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.39 dBV/m	Grid 2 M4 22.69 dBV/m	Grid 3 M4 22.93 dBV/m
Grid 4 M4 20.5 dBV/m	Grid 5 M4 23.67 dBV/m	Grid 6 M4 23.68 dBV/m
Grid 7 M4 24.13 dBV/m	Grid 8 M4 24.72 dBV/m	Grid 9 M4 24.45 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: 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 = 11.37 V/m; Power Drift = 0.08 dB

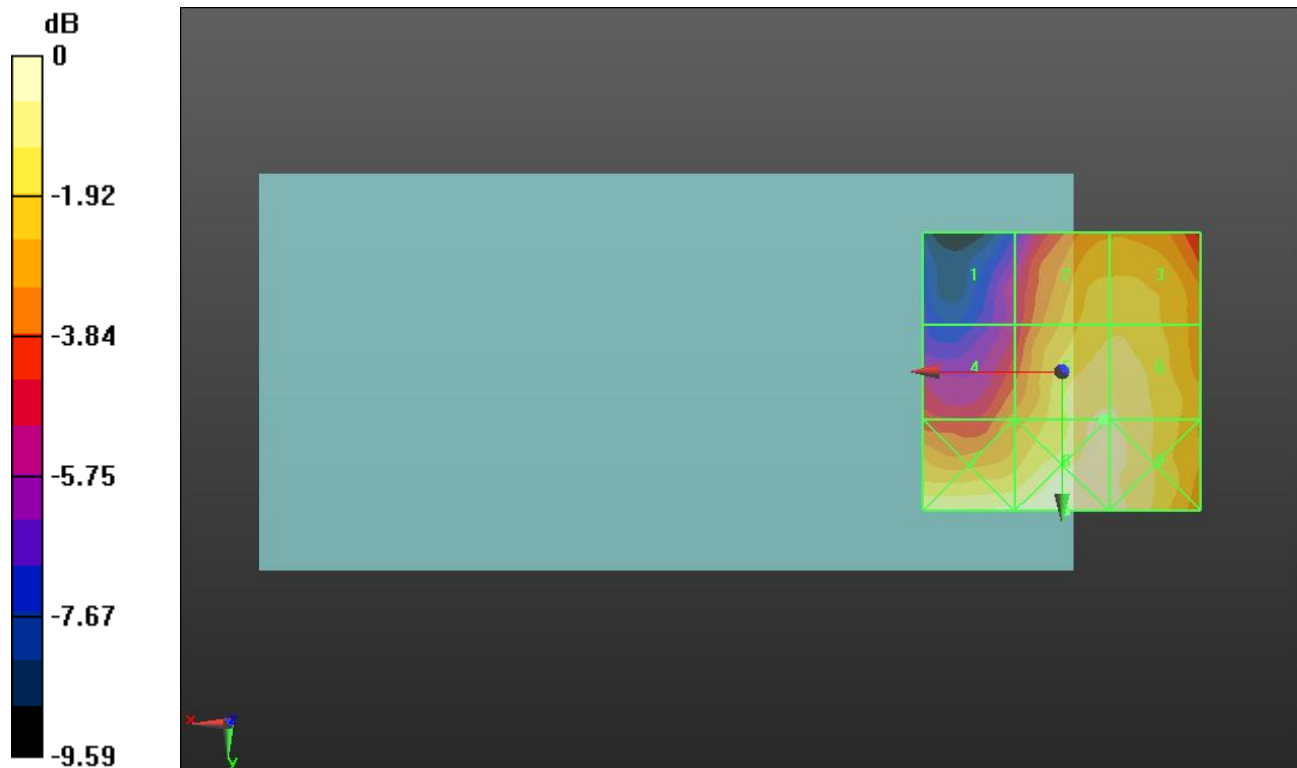
Applied MIF = 3.63 dB

RF audio interference level = 24.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.96 dBV/m	Grid 2 M4 23.53 dBV/m	Grid 3 M4 23.54 dBV/m
Grid 4 M4 22.08 dBV/m	Grid 5 M4 24.44 dBV/m	Grid 6 M4 24.43 dBV/m
Grid 7 M4 24.62 dBV/m	Grid 8 M4 24.99 dBV/m	Grid 9 M4 24.66 dBV/m



0 dB = 17.77 V/m = 24.99 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 = 12.78 V/m; Power Drift = 0.03 dB

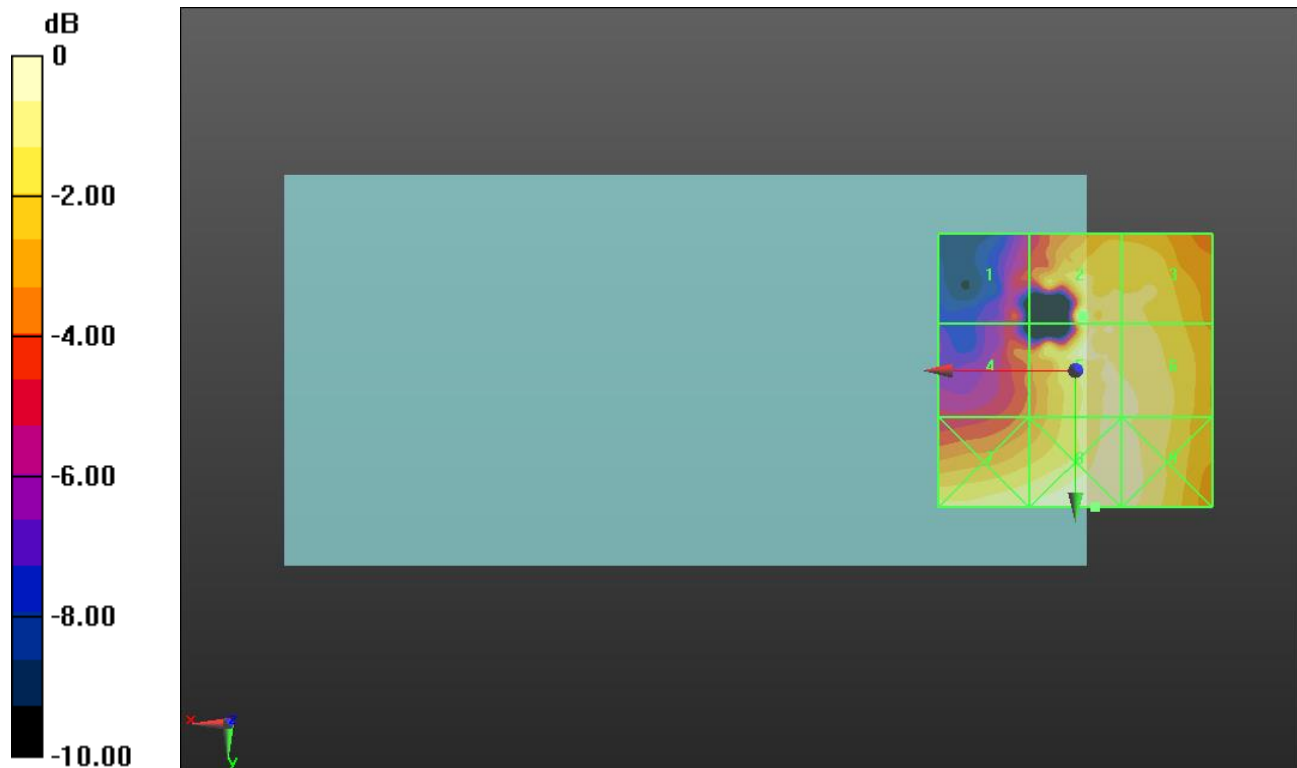
Applied MIF = 3.63 dB

RF audio interference level = 25.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.37 dBV/m	Grid 2 M4 25.38 dBV/m	Grid 3 M4 24.47 dBV/m
Grid 4 M4 22.26 dBV/m	Grid 5 M4 25.16 dBV/m	Grid 6 M4 24.96 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 25.53 dBV/m	Grid 9 M4 25.26 dBV/m



0 dB = 18.91 V/m = 25.53 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 - SN4028; ConvF(1, 1, 1) @ 824.7 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)

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 = 23.35 V/m; Power Drift = 0.01 dB

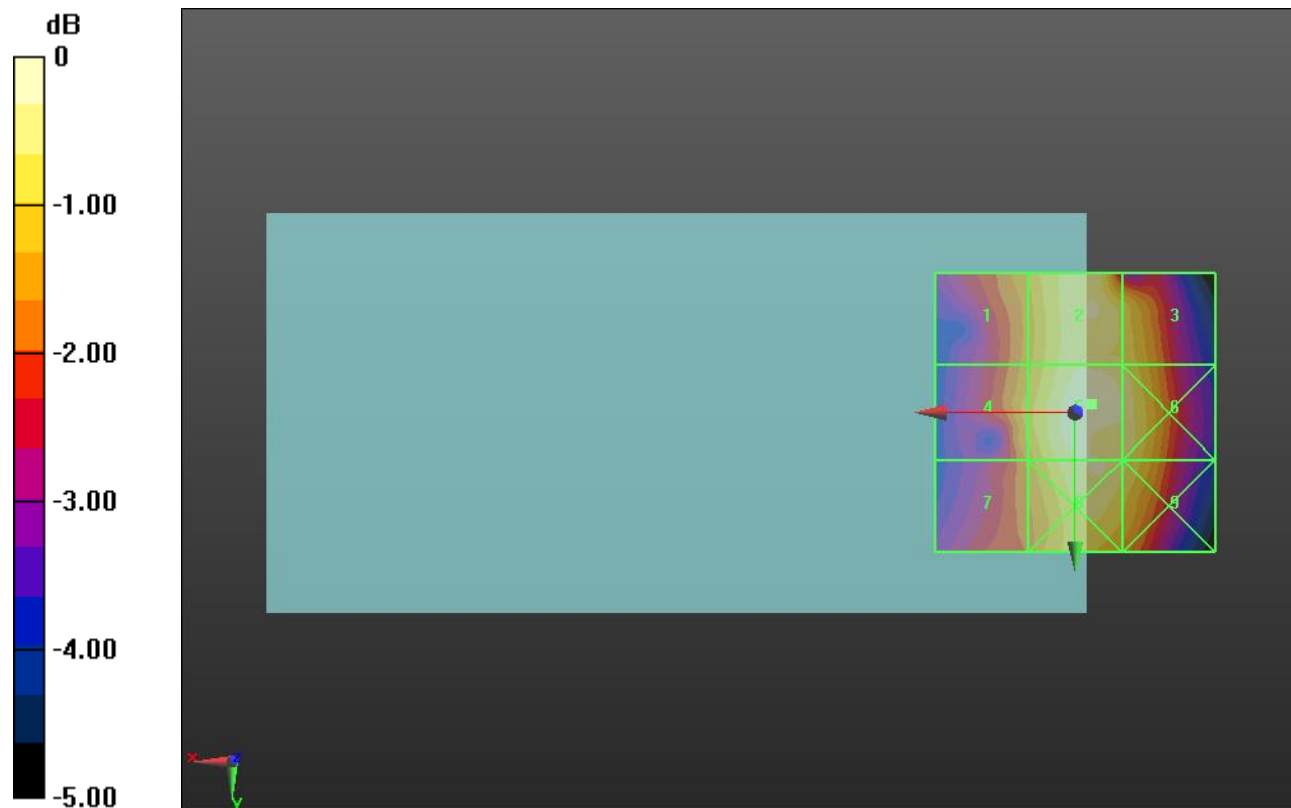
Applied MIF = 3.26 dB

RF audio interference level = 27.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.47 dBV/m	Grid 2 M4 27.45 dBV/m	Grid 3 M4 27.1 dBV/m
Grid 4 M4 26.63 dBV/m	Grid 5 M4 27.75 dBV/m	Grid 6 M4 27.38 dBV/m
Grid 7 M4 26.19 dBV/m	Grid 8 M4 27.46 dBV/m	Grid 9 M4 27.2 dBV/m



0 dB = 24.40 V/m = 27.75 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 - SN4028; ConvF(1, 1, 1) @ 836.52 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)

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 = 20.57 V/m; Power Drift = 0.04 dB

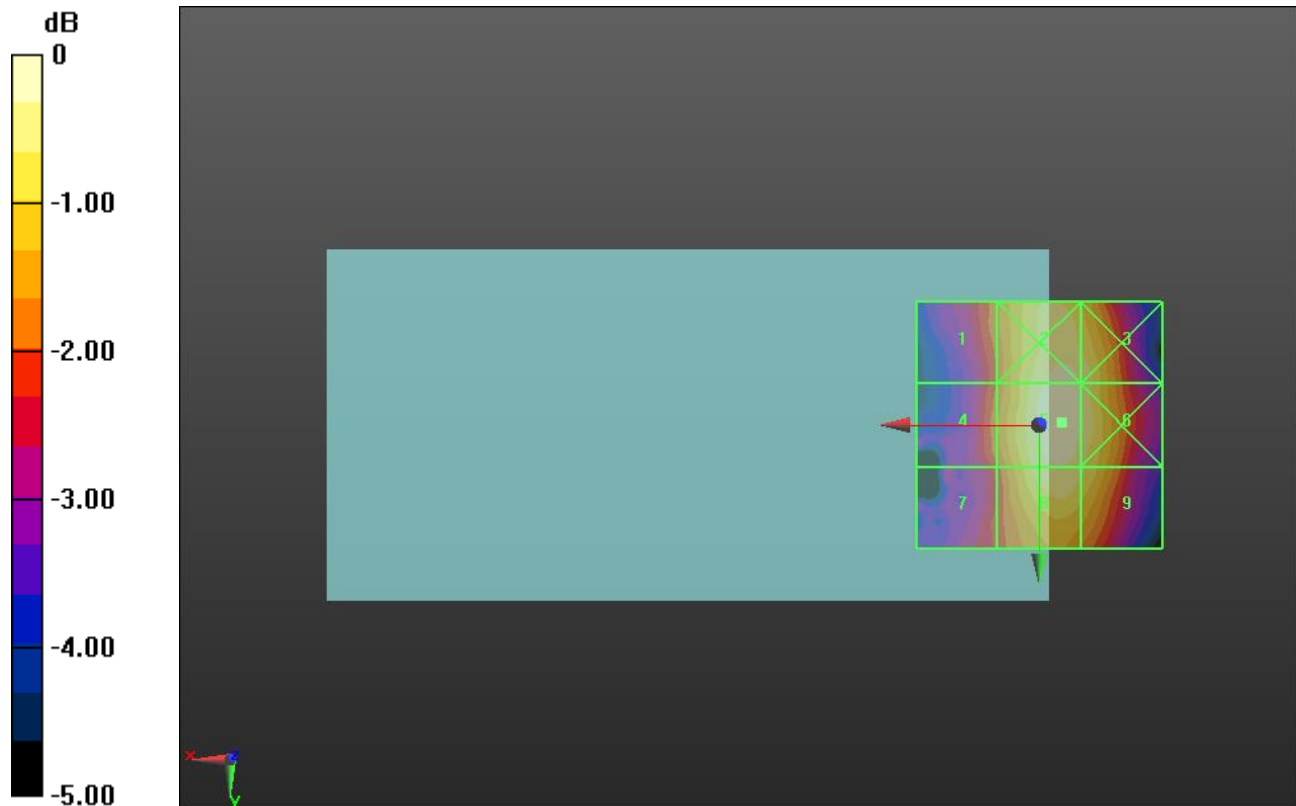
Applied MIF = 3.26 dB

RF audio interference level = 26.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.06 dBV/m	Grid 2 M4 26.62 dBV/m	Grid 3 M4 26.39 dBV/m
Grid 4 M4 25.07 dBV/m	Grid 5 M4 26.76 dBV/m	Grid 6 M4 26.44 dBV/m
Grid 7 M4 24.67 dBV/m	Grid 8 M4 26.44 dBV/m	Grid 9 M4 26.21 dBV/m



0 dB = 21.79 V/m = 26.77 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 - SN4028; ConvF(1, 1, 1) @ 848.31 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)

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 = 19.70 V/m; Power Drift = 0.03 dB

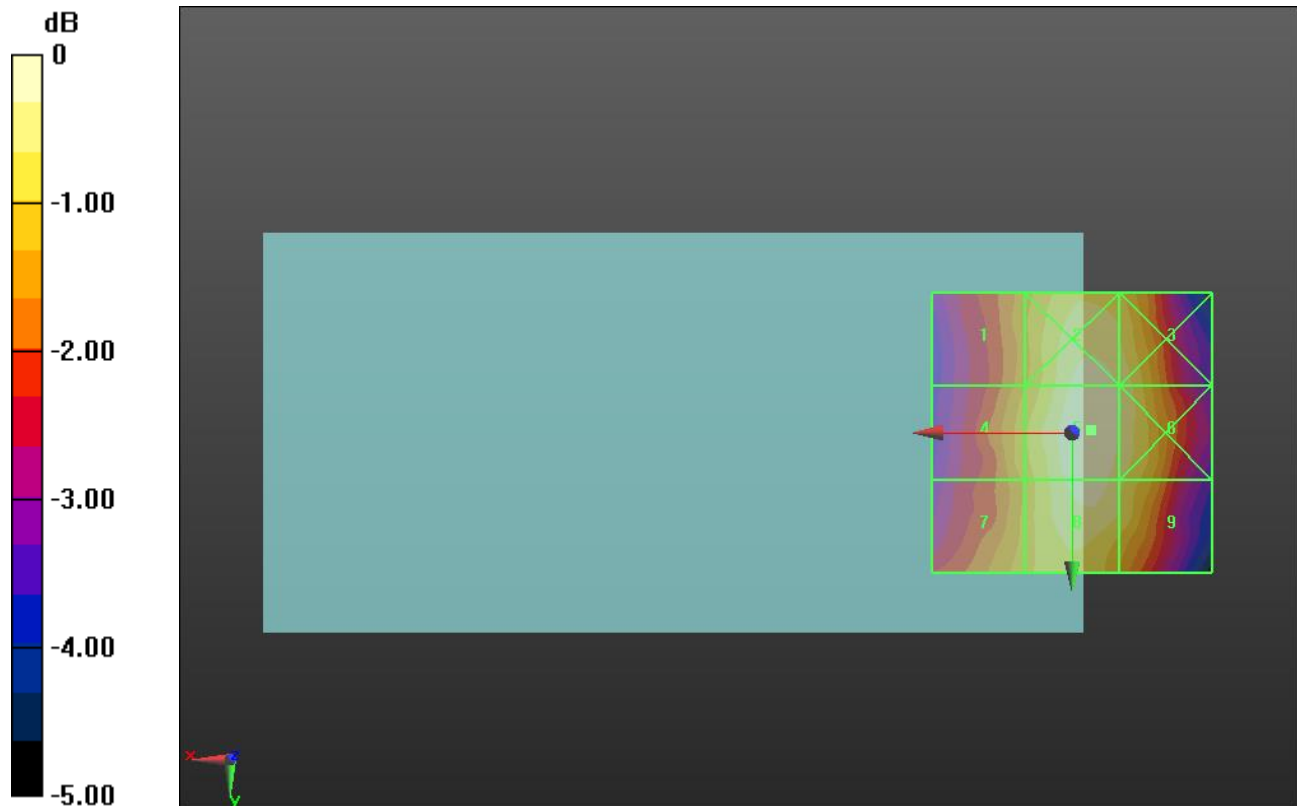
Applied MIF = 3.26 dB

RF audio interference level = 26.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 25.97 dBV/m	Grid 3 M4 25.74 dBV/m
Grid 4 M4 25.05 dBV/m	Grid 5 M4 26.11 dBV/m	Grid 6 M4 25.83 dBV/m
Grid 7 M4 24.99 dBV/m	Grid 8 M4 25.94 dBV/m	Grid 9 M4 25.56 dBV/m



0 dB = 20.21 V/m = 26.11 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 - SN4028; ConvF(1, 1, 1) @ 1851.25 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)

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 = 5.880 V/m; Power Drift = -0.12 dB

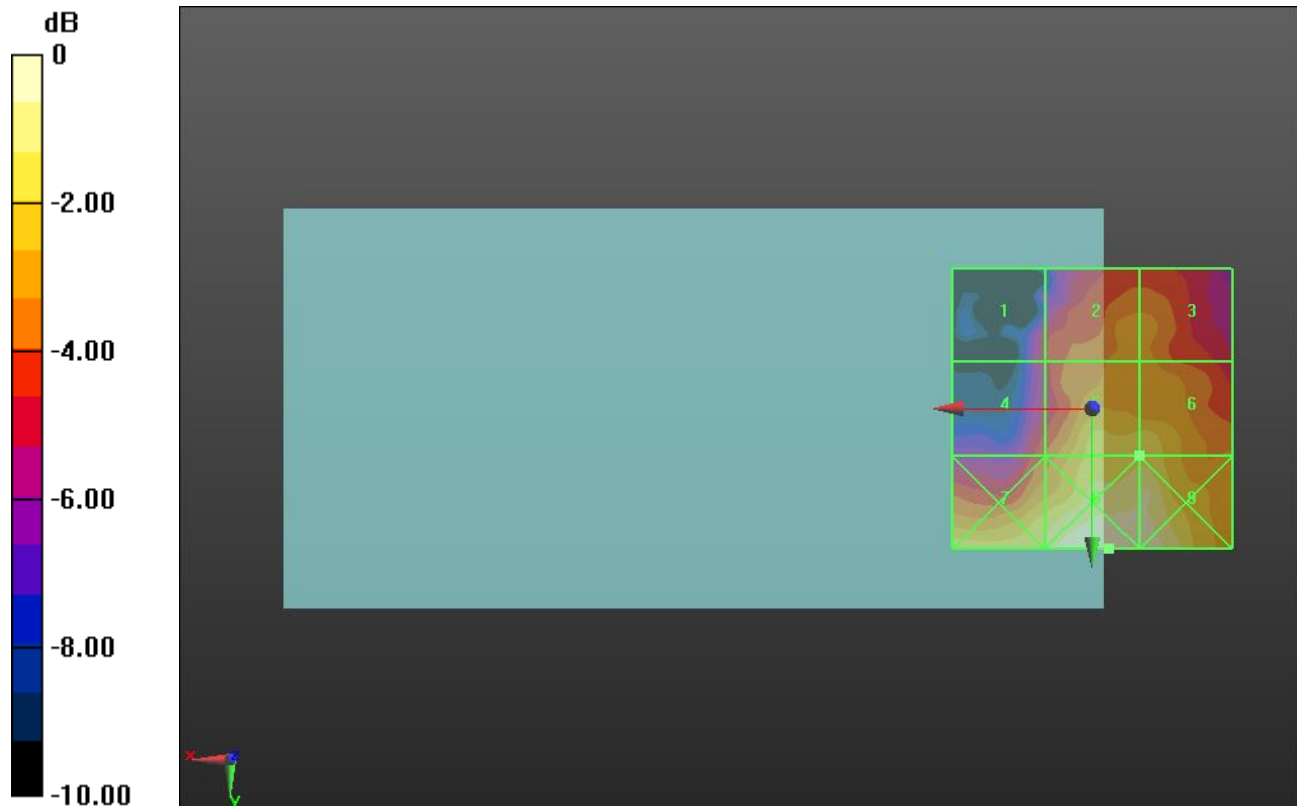
Applied MIF = 3.26 dB

RF audio interference level = 18.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.95 dBV/m	Grid 2 M4 16.72 dBV/m	Grid 3 M4 16.72 dBV/m
Grid 4 M4 15.85 dBV/m	Grid 5 M4 18.25 dBV/m	Grid 6 M4 18.25 dBV/m
Grid 7 M4 18.5 dBV/m	Grid 8 M4 19.74 dBV/m	Grid 9 M4 19.65 dBV/m



0 dB = 9.706 V/m = 19.74 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 - SN4028; ConvF(1, 1, 1) @ 1880 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)

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 = 6.722 V/m; Power Drift = 0.15 dB

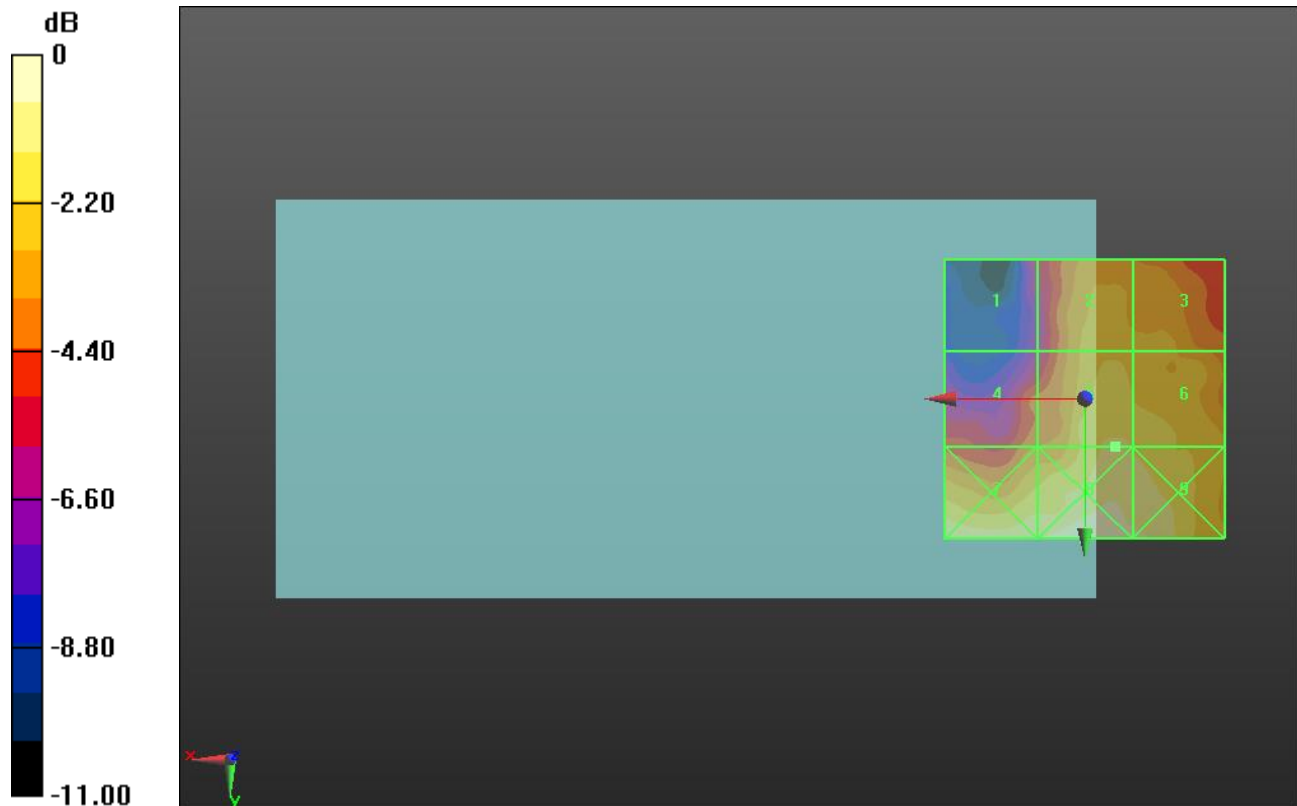
Applied MIF = 3.26 dB

RF audio interference level = 18.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.71 dBV/m	Grid 2 M4 17.71 dBV/m	Grid 3 M4 17.53 dBV/m
Grid 4 M4 16.5 dBV/m	Grid 5 M4 18.85 dBV/m	Grid 6 M4 18.63 dBV/m
Grid 7 M4 19.57 dBV/m	Grid 8 M4 20.12 dBV/m	Grid 9 M4 19.64 dBV/m



0 dB = 10.14 V/m = 20.12 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 - SN4028; ConvF(1, 1, 1) @ 1908.75 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)

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 = 7.595 V/m; Power Drift = -0.29 dB

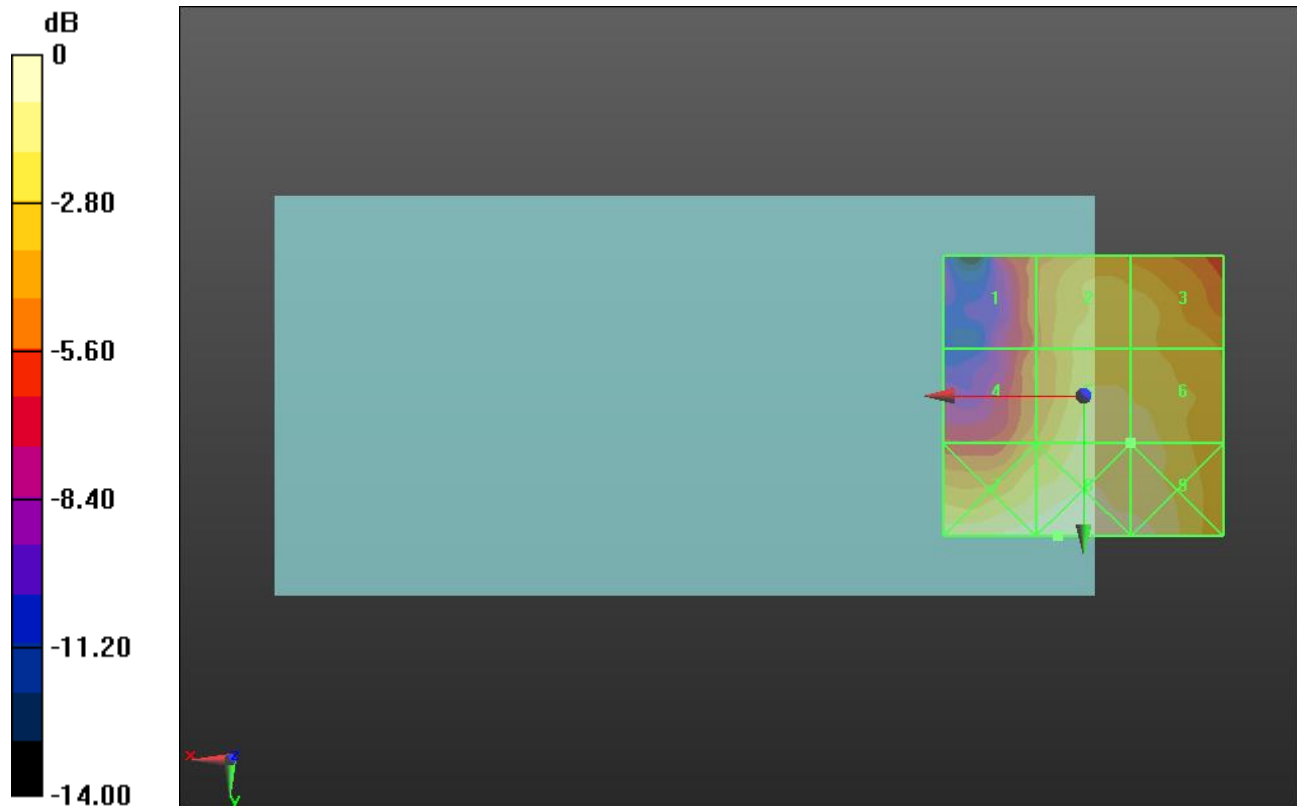
Applied MIF = 3.26 dB

RF audio interference level = 19.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.82 dBV/m	Grid 2 M4 18.61 dBV/m	Grid 3 M4 18.63 dBV/m
Grid 4 M4 17.12 dBV/m	Grid 5 M4 19.34 dBV/m	Grid 6 M4 19.34 dBV/m
Grid 7 M4 20.3 dBV/m	Grid 8 M4 20.61 dBV/m	Grid 9 M4 20.07 dBV/m



0 dB = 10.73 V/m = 20.61 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 - SN4028; ConvF(1, 1, 1) @ 817.3 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)

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 = 15.37 V/m; Power Drift = -0.06 dB

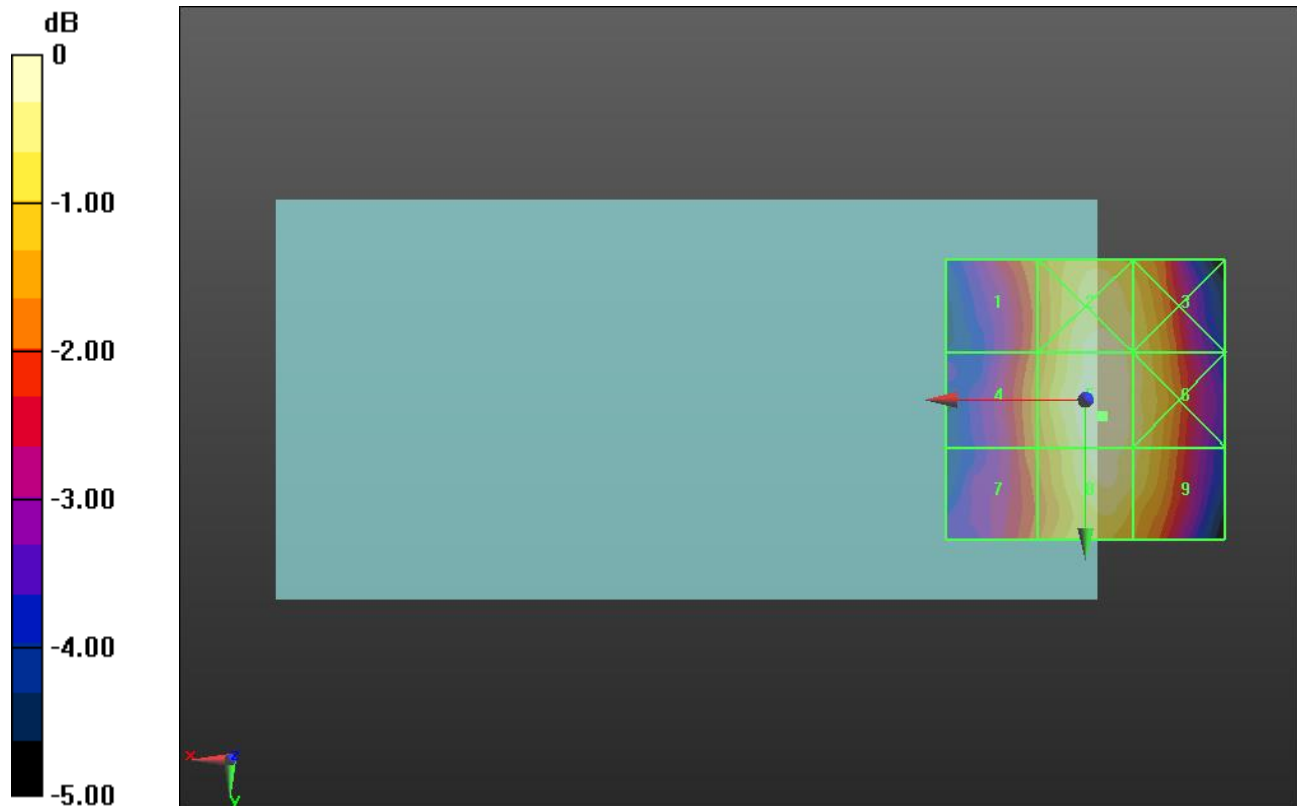
Applied MIF = 3.26 dB

RF audio interference level = 24.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.7 dBV/m	Grid 2 M4 24.11 dBV/m	Grid 3 M4 23.74 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 24.25 dBV/m	Grid 6 M4 23.84 dBV/m
Grid 7 M4 22.71 dBV/m	Grid 8 M4 24.08 dBV/m	Grid 9 M4 23.75 dBV/m



0 dB = 16.31 V/m = 24.25 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 - SN4028; ConvF(1, 1, 1) @ 820 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)

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 = 15.38 V/m; Power Drift = -0.00 dB

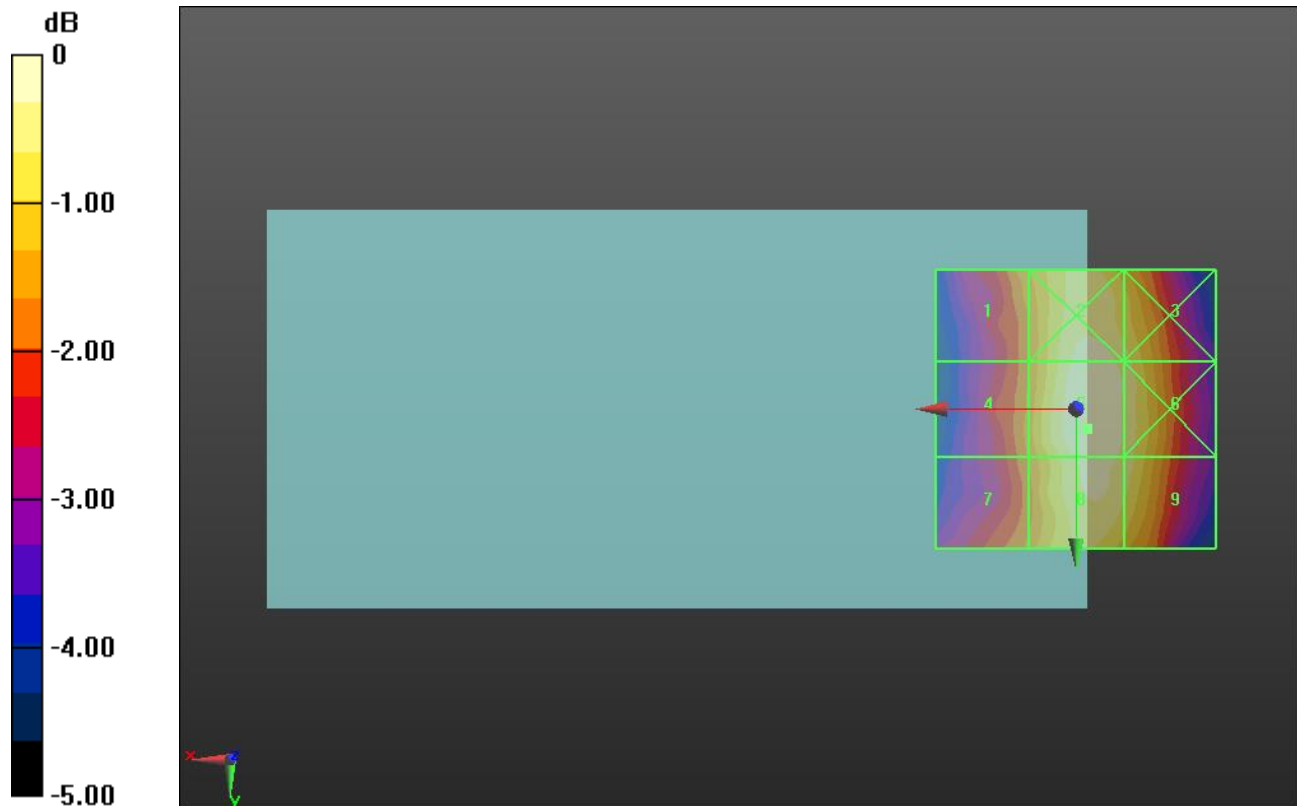
Applied MIF = 3.26 dB

RF audio interference level = 24.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.95 dBV/m	Grid 2 M4 24.13 dBV/m	Grid 3 M4 23.77 dBV/m
Grid 4 M4 22.77 dBV/m	Grid 5 M4 24.27 dBV/m	Grid 6 M4 23.92 dBV/m
Grid 7 M4 22.73 dBV/m	Grid 8 M4 24.09 dBV/m	Grid 9 M4 23.85 dBV/m



0 dB = 16.34 V/m = 24.27 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 - SN4028; ConvF(1, 1, 1) @ 822.75 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)

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 = 15.49 V/m; Power Drift = -0.07 dB

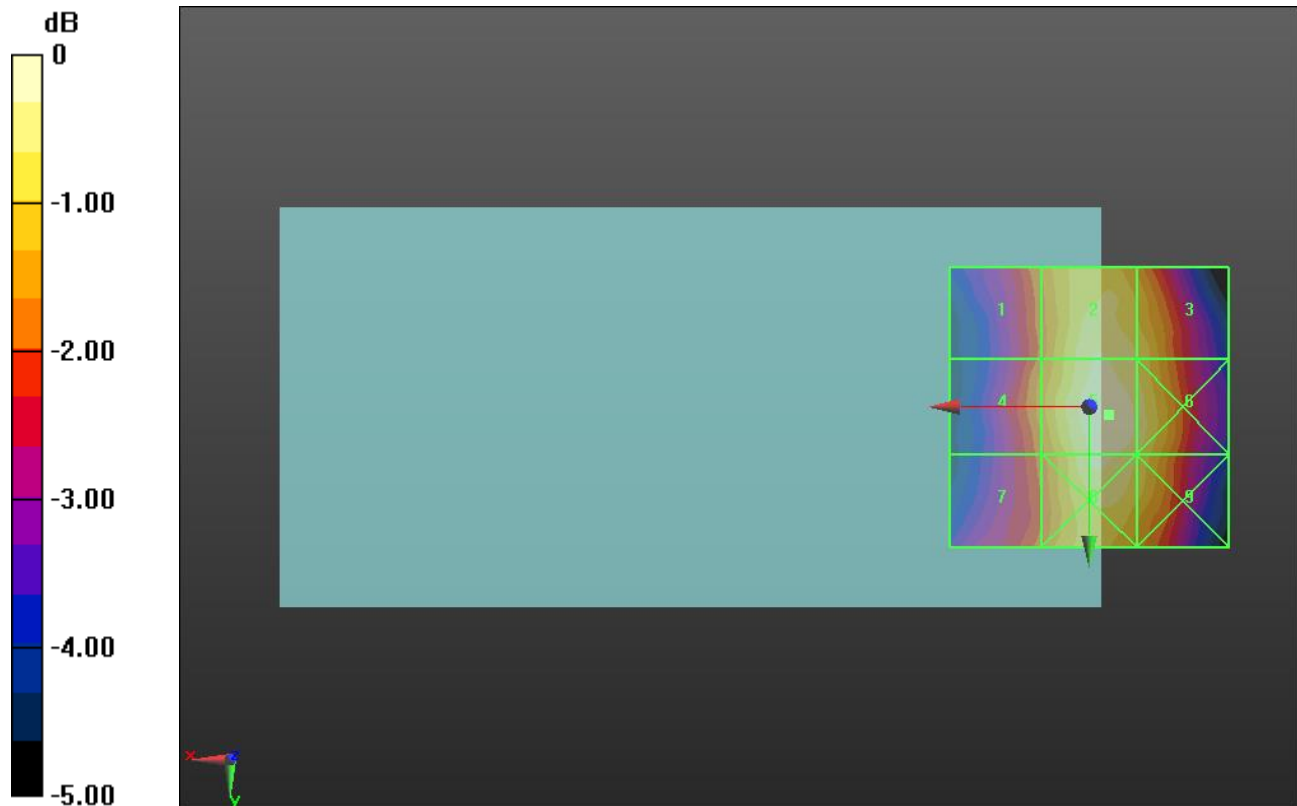
Applied MIF = 3.26 dB

RF audio interference level = 24.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 23.96 dBV/m	Grid 3 M4 23.63 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 23.88 dBV/m
Grid 7 M4 22.49 dBV/m	Grid 8 M4 24.05 dBV/m	Grid 9 M4 23.64 dBV/m



0 dB = 16.34 V/m = 24.27 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 = 15.54 V/m; Power Drift = -0.07 dB

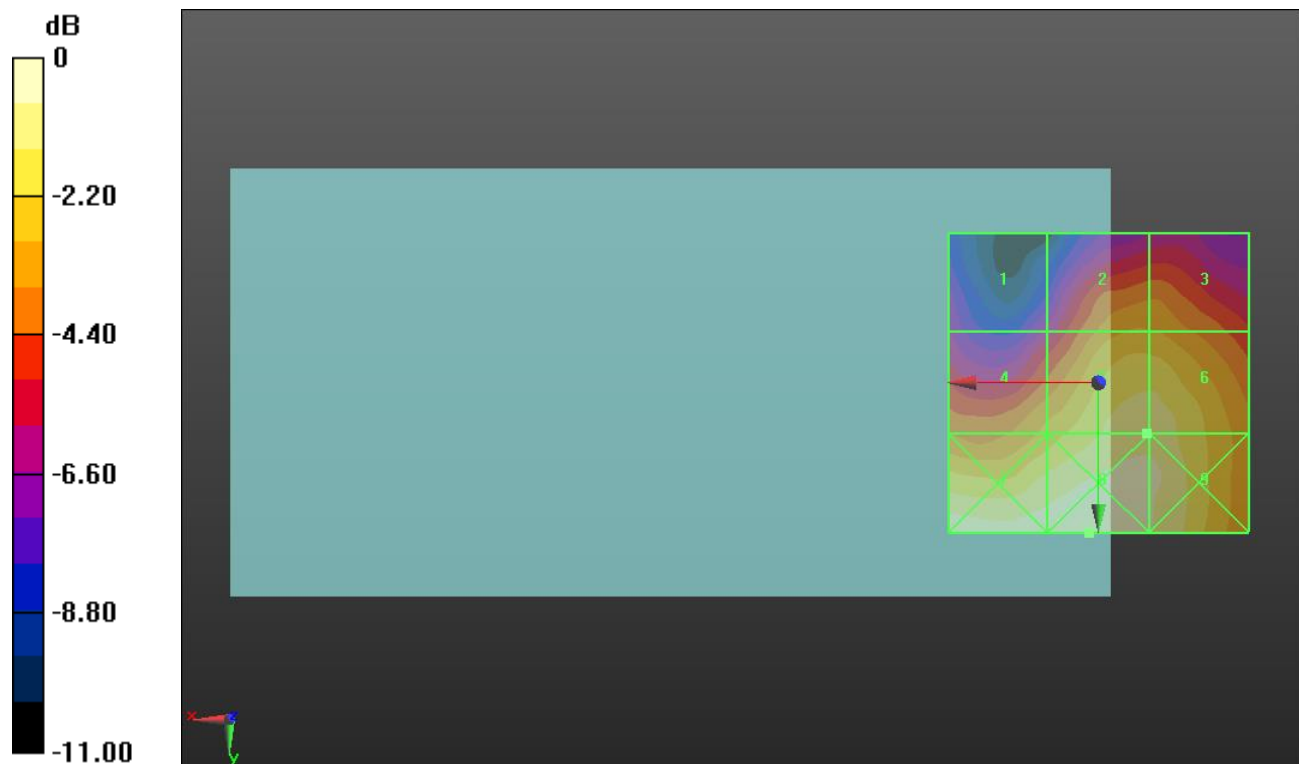
Applied MIF = -1.44 dB

RF audio interference level = 21.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.29 dBV/m	Grid 2 M4 19.75 dBV/m	Grid 3 M4 19.71 dBV/m
Grid 4 M4 19.92 dBV/m	Grid 5 M4 21.61 dBV/m	Grid 6 M4 21.61 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 22.56 dBV/m	Grid 9 M4 21.99 dBV/m



0 dB = 13.43 V/m = 22.56 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 = 15.66 V/m; Power Drift = -0.16 dB

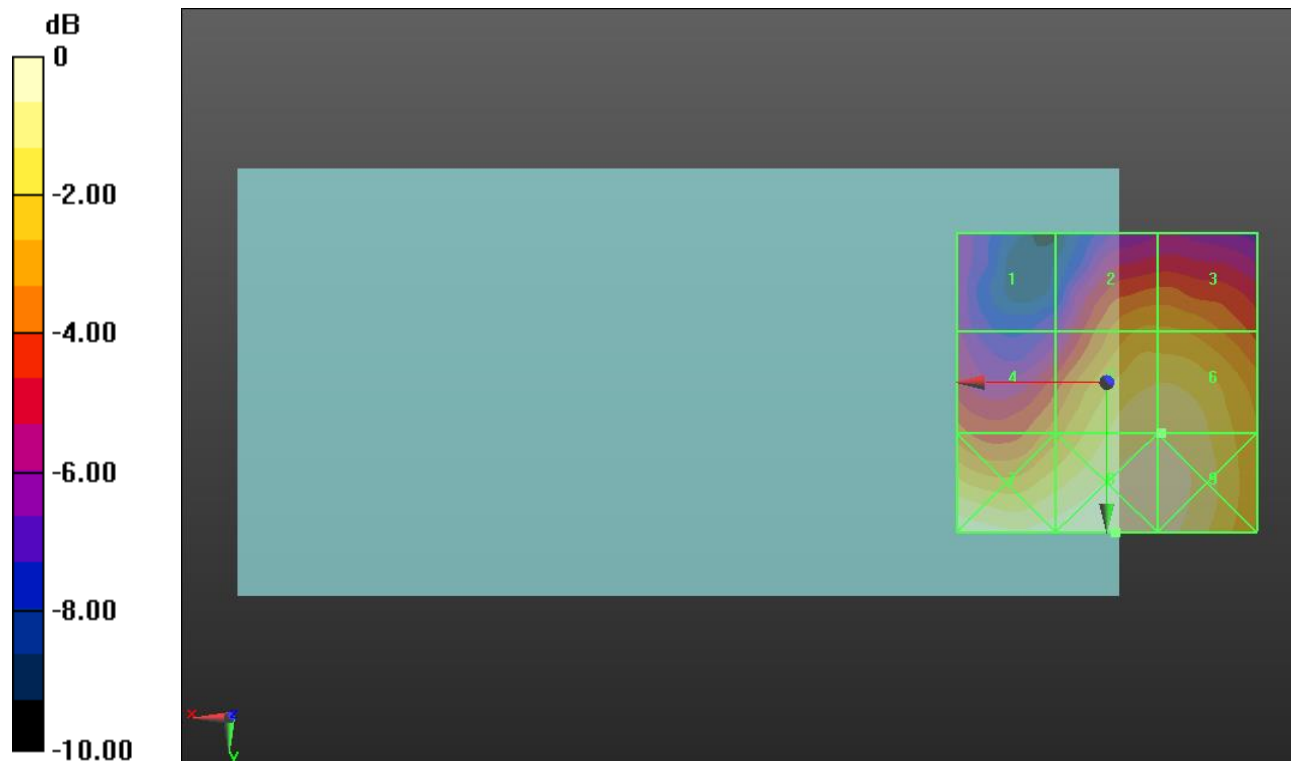
Applied MIF = -1.44 dB

RF audio interference level = 22.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.06 dBV/m	Grid 2 M4 20.31 dBV/m	Grid 3 M4 20.3 dBV/m
Grid 4 M4 19.87 dBV/m	Grid 5 M4 22.08 dBV/m	Grid 6 M4 22.08 dBV/m
Grid 7 M4 22.65 dBV/m	Grid 8 M4 22.79 dBV/m	Grid 9 M4 22.52 dBV/m



0 dB = 13.79 V/m = 22.79 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 = 14.34 V/m; Power Drift = 0.07 dB

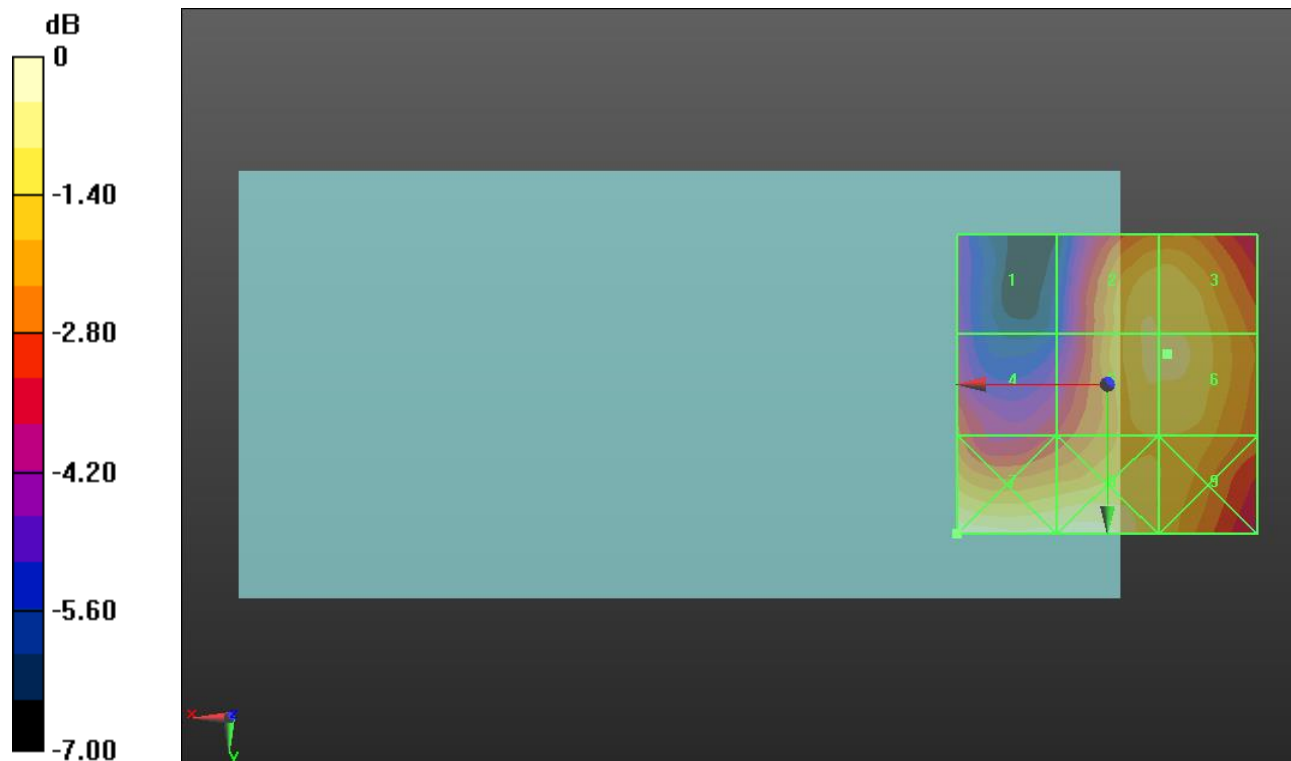
Applied MIF = -1.44 dB

RF audio interference level = 21.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.94 dBV/m	Grid 2 M4 21.26 dBV/m	Grid 3 M4 21.23 dBV/m
Grid 4 M4 19.53 dBV/m	Grid 5 M4 21.35 dBV/m	Grid 6 M4 21.37 dBV/m
Grid 7 M4 22.12 dBV/m	Grid 8 M4 21.94 dBV/m	Grid 9 M4 20.75 dBV/m



0 dB = 12.76 V/m = 22.12 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 = 12.72 V/m; Power Drift = 0.13 dB

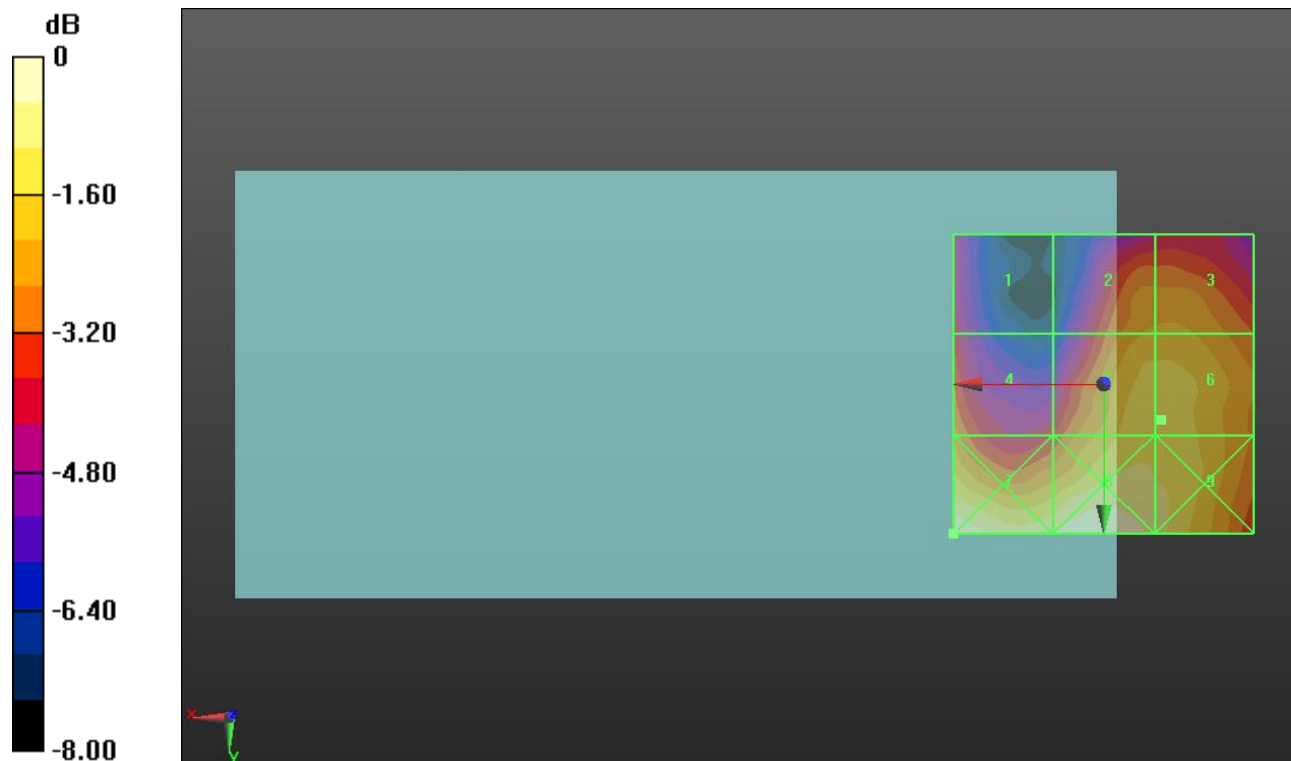
Applied MIF = -1.44 dB

RF audio interference level = 20.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.73 dBV/m	Grid 2 M4 19.63 dBV/m	Grid 3 M4 19.67 dBV/m
Grid 4 M4 19.33 dBV/m	Grid 5 M4 20.52 dBV/m	Grid 6 M4 20.54 dBV/m
Grid 7 M4 21.64 dBV/m	Grid 8 M4 21.46 dBV/m	Grid 9 M4 20.86 dBV/m



0 dB = 12.08 V/m = 21.64 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 = 11.00 V/m; Power Drift = 0.16 dB

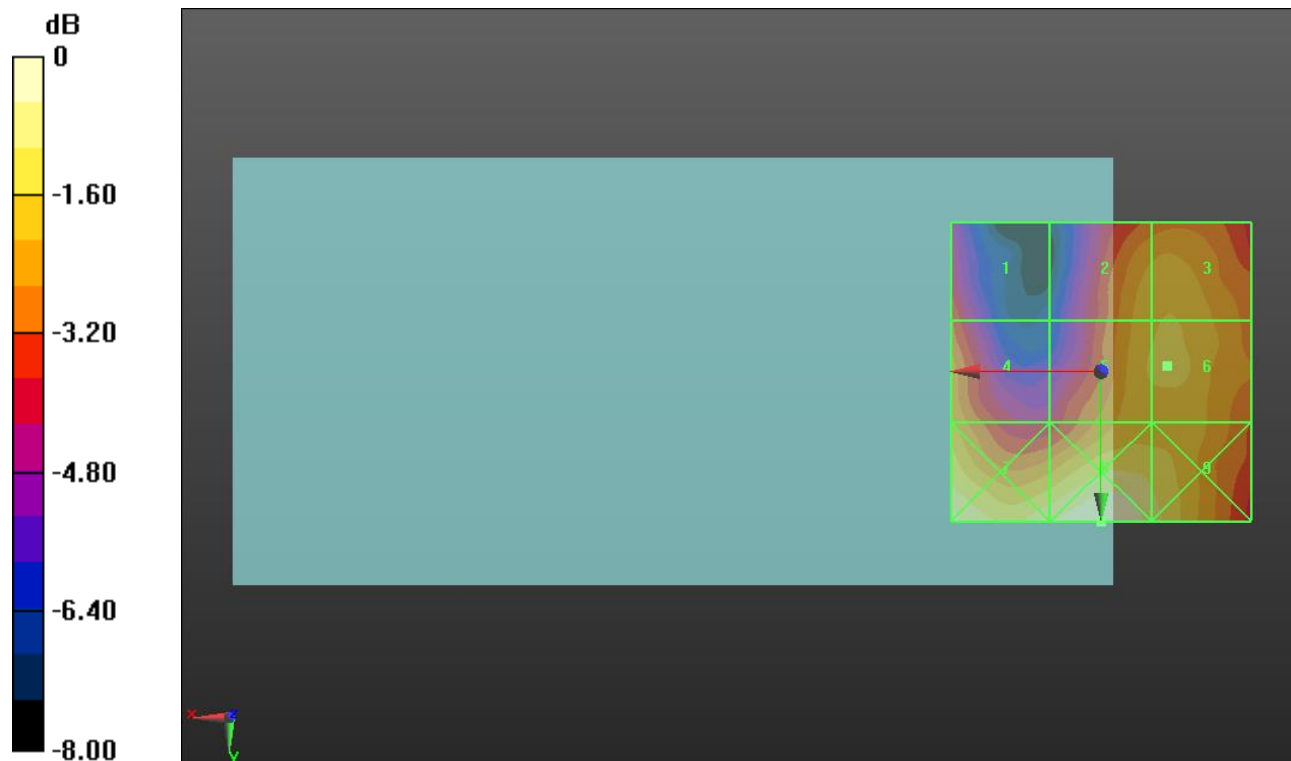
Applied MIF = -1.44 dB

RF audio interference level = 19.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.95 dBV/m	Grid 2 M4 19.34 dBV/m	Grid 3 M4 19.47 dBV/m
Grid 4 M4 19.07 dBV/m	Grid 5 M4 19.53 dBV/m	Grid 6 M4 19.64 dBV/m
Grid 7 M4 20.8 dBV/m	Grid 8 M4 21.03 dBV/m	Grid 9 M4 20.22 dBV/m



0 dB = 11.26 V/m = 21.03 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 = 16.01 V/m; Power Drift = -0.10 dB

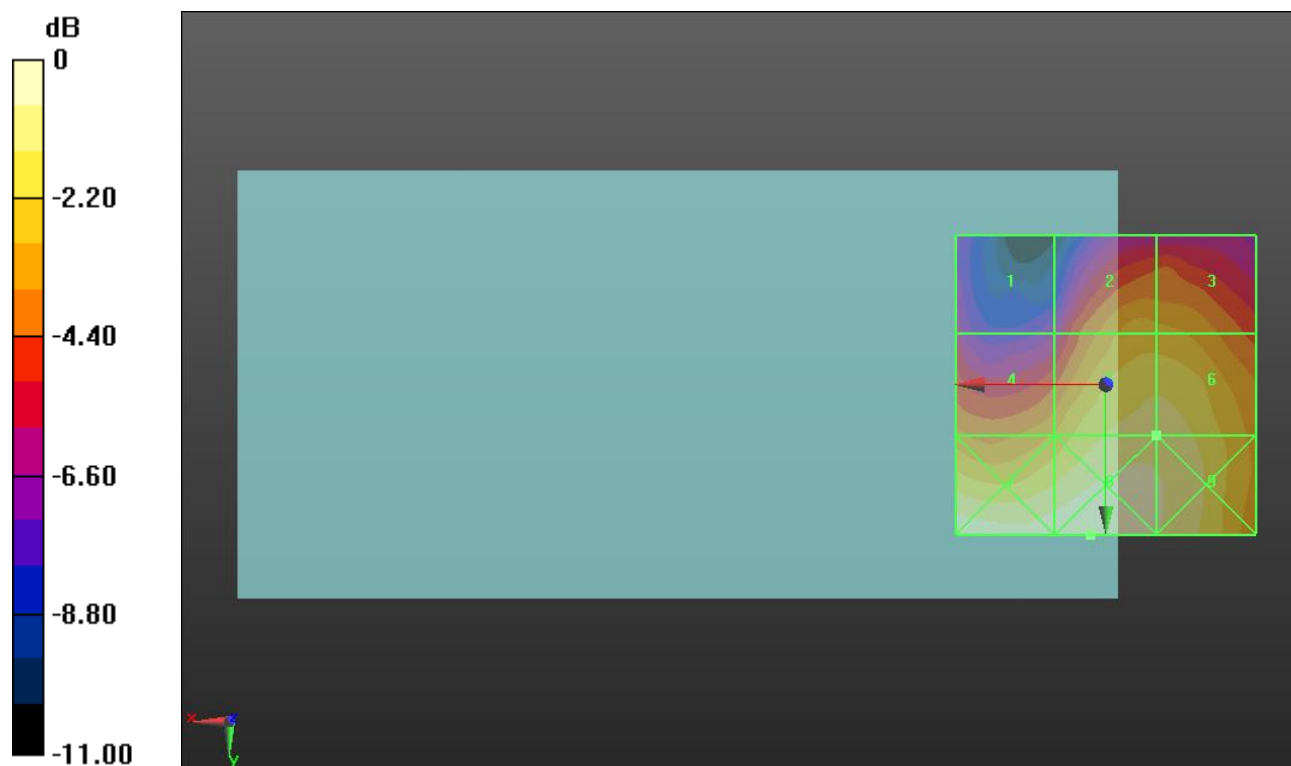
Applied MIF = -1.44 dB

RF audio interference level = 21.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.99 dBV/m	Grid 2 M4 20.46 dBV/m	Grid 3 M4 20.33 dBV/m
Grid 4 M4 20.14 dBV/m	Grid 5 M4 21.93 dBV/m	Grid 6 M4 21.93 dBV/m
Grid 7 M4 22.92 dBV/m	Grid 8 M4 22.94 dBV/m	Grid 9 M4 22.29 dBV/m



0 dB = 14.03 V/m = 22.94 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 = 15.82 V/m; Power Drift = -0.09 dB

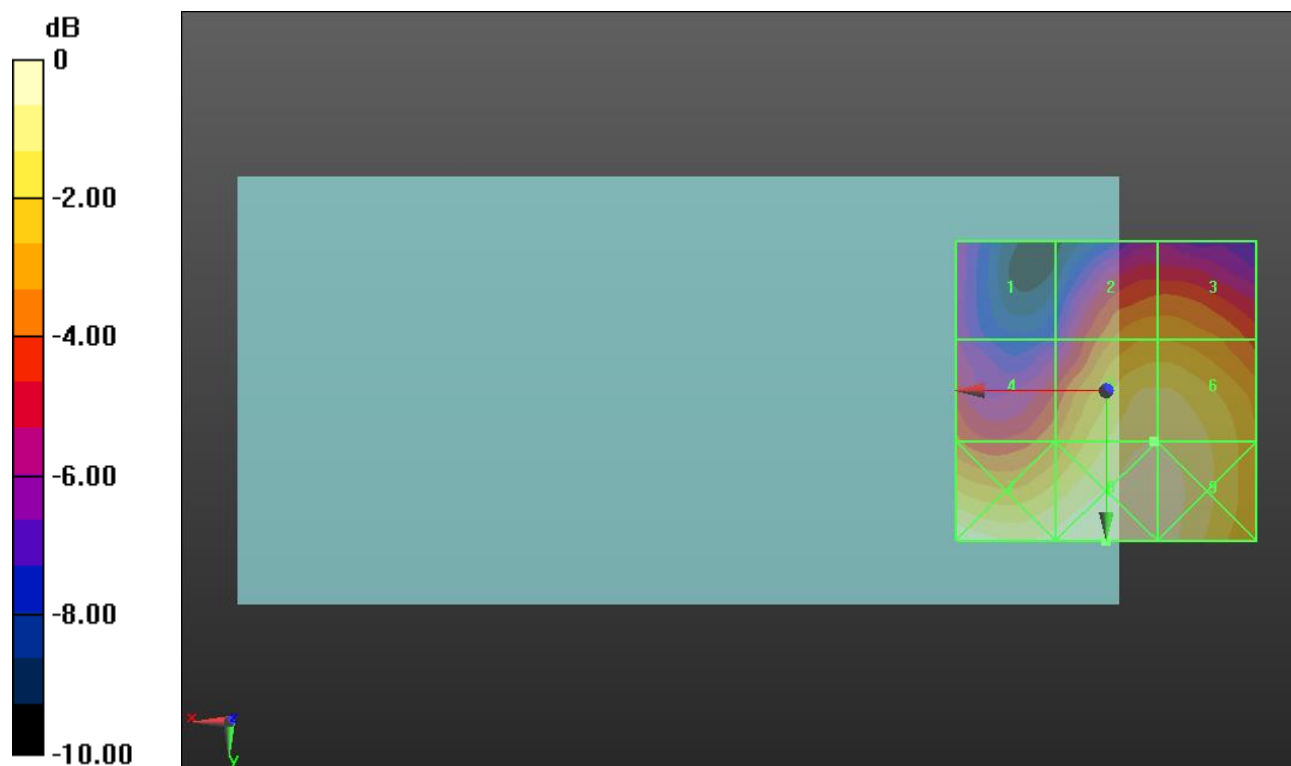
Applied MIF = -1.44 dB

RF audio interference level = 22.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.08 dBV/m	Grid 2 M4 20.26 dBV/m	Grid 3 M4 20.22 dBV/m
Grid 4 M4 19.63 dBV/m	Grid 5 M4 22.21 dBV/m	Grid 6 M4 22.21 dBV/m
Grid 7 M4 22.85 dBV/m	Grid 8 M4 22.88 dBV/m	Grid 9 M4 22.61 dBV/m



0 dB = 13.94 V/m = 22.89 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 = 14.95 V/m; Power Drift = -0.08 dB

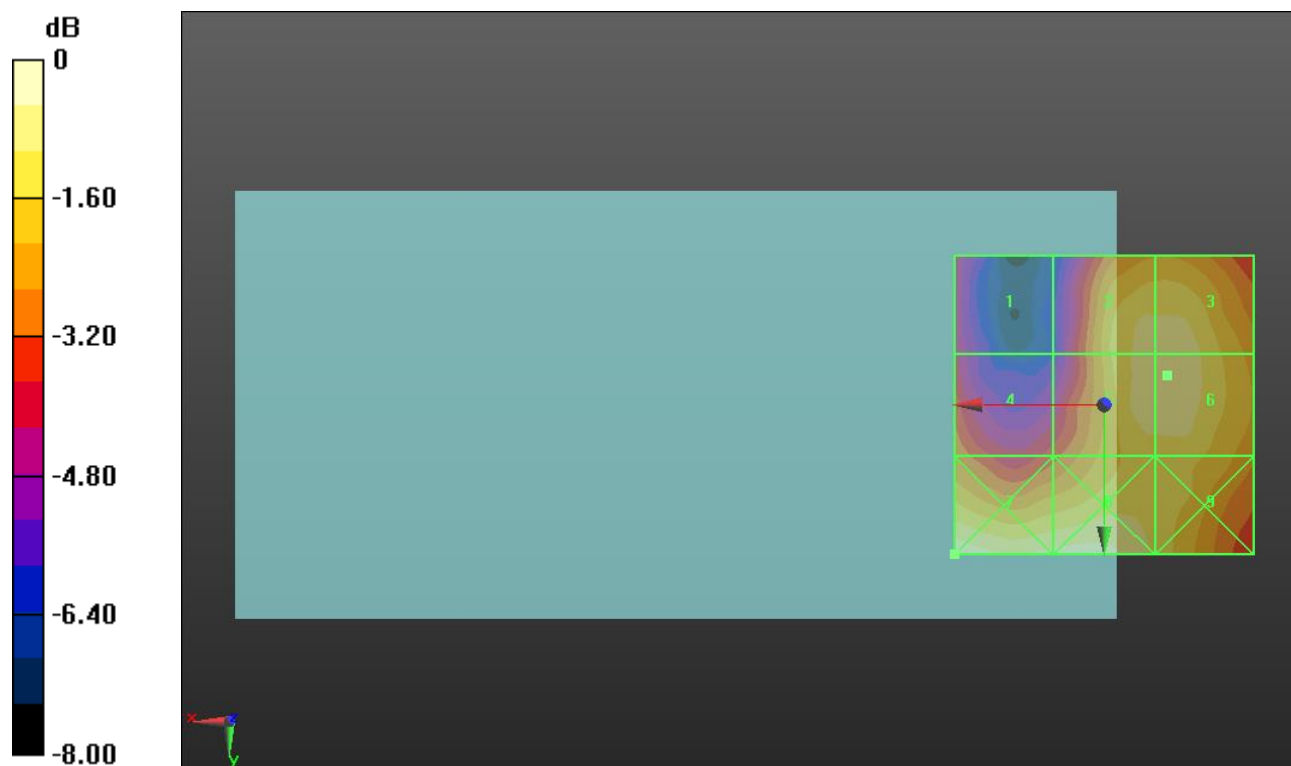
Applied MIF = -1.44 dB

RF audio interference level = 21.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.4 dBV/m	Grid 2 M4 21.71 dBV/m	Grid 3 M4 21.73 dBV/m
Grid 4 M4 19.9 dBV/m	Grid 5 M4 21.74 dBV/m	Grid 6 M4 21.76 dBV/m
Grid 7 M4 22.5 dBV/m	Grid 8 M4 22.25 dBV/m	Grid 9 M4 21.33 dBV/m



0 dB = 13.33 V/m = 22.50 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 = 12.81 V/m; Power Drift = 0.18 dB

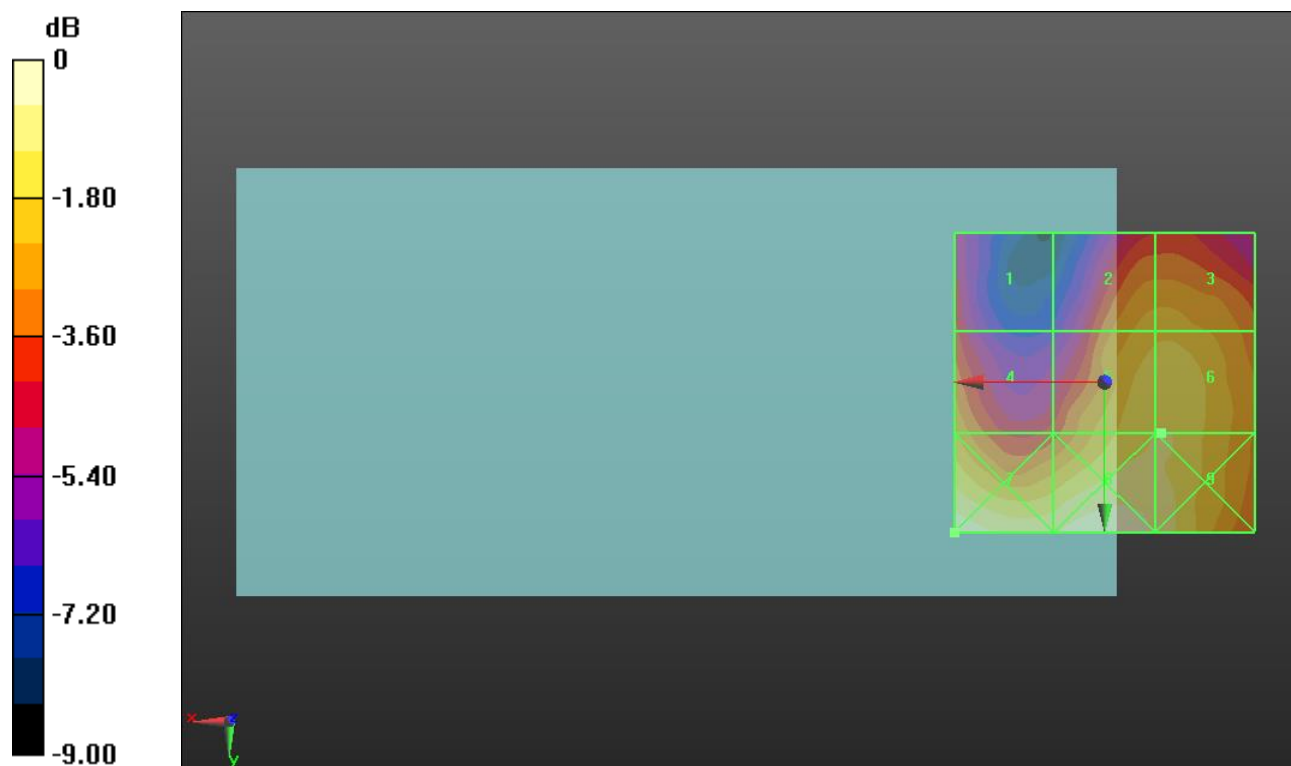
Applied MIF = -1.44 dB

RF audio interference level = 20.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.12 dBV/m	Grid 2 M4 20.06 dBV/m	Grid 3 M4 20.11 dBV/m
Grid 4 M4 19.76 dBV/m	Grid 5 M4 20.84 dBV/m	Grid 6 M4 20.87 dBV/m
Grid 7 M4 22.03 dBV/m	Grid 8 M4 21.79 dBV/m	Grid 9 M4 21.31 dBV/m



0 dB = 12.63 V/m = 22.03 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 = 11.10 V/m; Power Drift = 0.02 dB

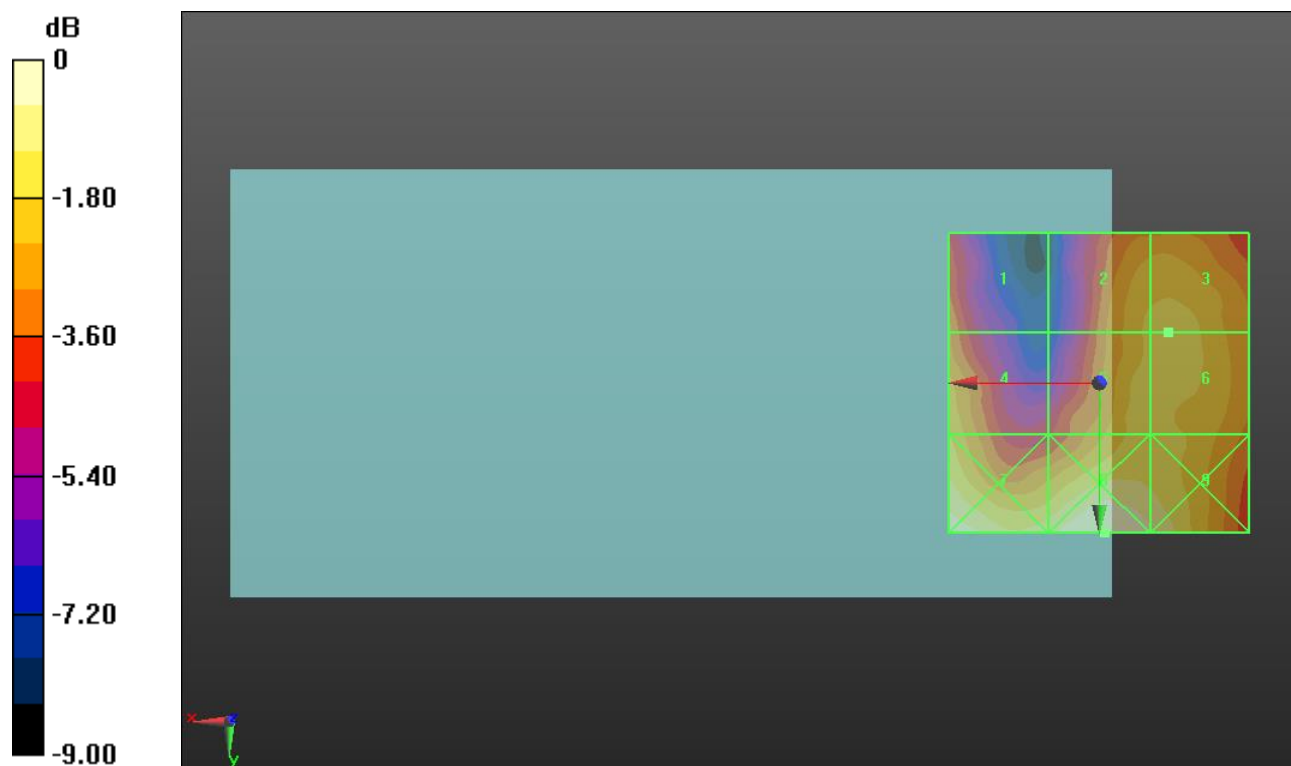
Applied MIF = -1.44 dB

RF audio interference level = 19.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.26 dBV/m	Grid 2 M4 19.43 dBV/m	Grid 3 M4 19.62 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 19.47 dBV/m	Grid 6 M4 19.62 dBV/m
Grid 7 M4 20.89 dBV/m	Grid 8 M4 21.07 dBV/m	Grid 9 M4 20.6 dBV/m



0 dB = 11.31 V/m = 21.07 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 = 125.2 V/m; Power Drift = 0.02 dB

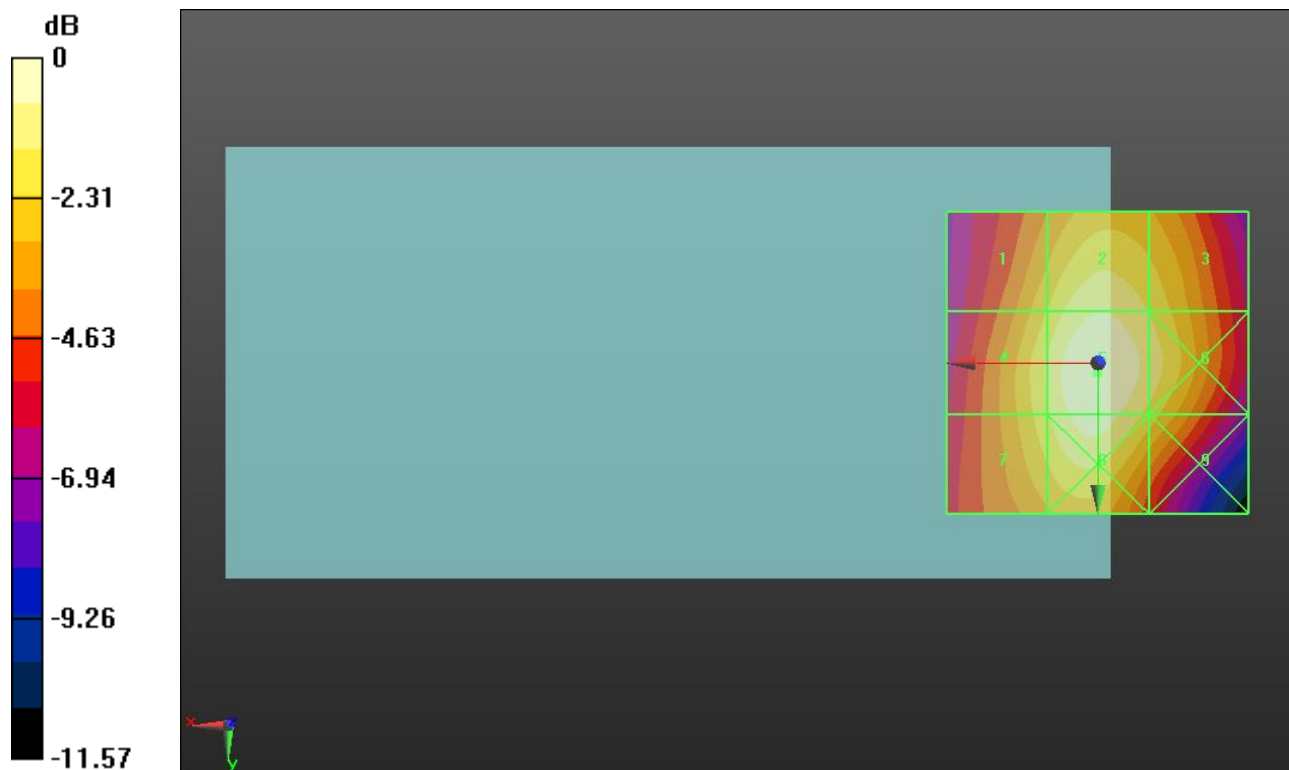
Applied MIF = 3.63 dB

RF audio interference level = 40.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.07 dBV/m	Grid 2 M4 39.59 dBV/m	Grid 3 M4 38.77 dBV/m
Grid 4 M4 38.91 dBV/m	Grid 5 M3 40.36 dBV/m	Grid 6 M4 39.32 dBV/m
Grid 7 M4 38.67 dBV/m	Grid 8 M4 39.98 dBV/m	Grid 9 M4 38.5 dBV/m



0 dB = 104.2 V/m = 40.36 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 = 130.7 V/m; Power Drift = -0.03 dB

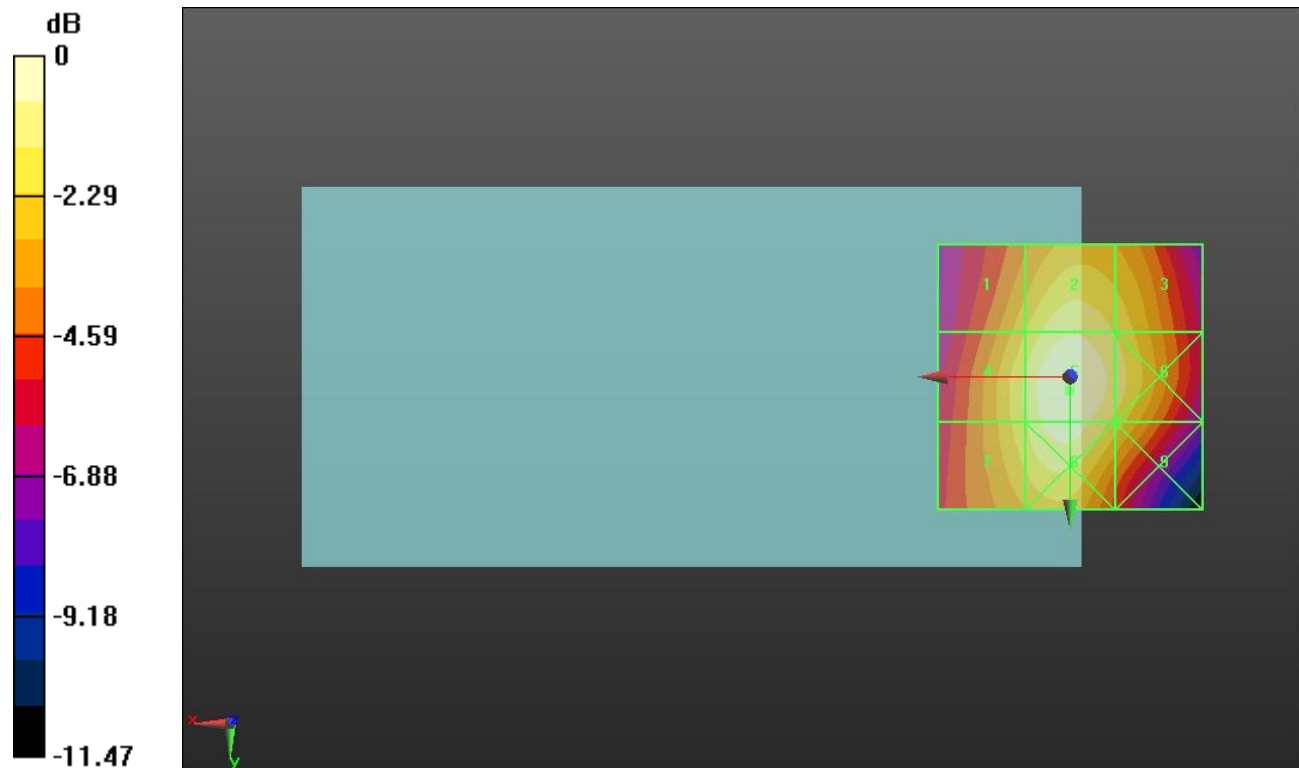
Applied MIF = 3.63 dB

RF audio interference level = 40.69 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.36 dBV/m	Grid 2 M4 39.87 dBV/m	Grid 3 M4 39.11 dBV/m
Grid 4 M4 39.3 dBV/m	Grid 5 M3 40.69 dBV/m	Grid 6 M4 39.64 dBV/m
Grid 7 M4 39.12 dBV/m	Grid 8 M3 40.38 dBV/m	Grid 9 M4 38.89 dBV/m



0 dB = 108.3 V/m = 40.69 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 = 127.3 V/m; Power Drift = -0.03 dB

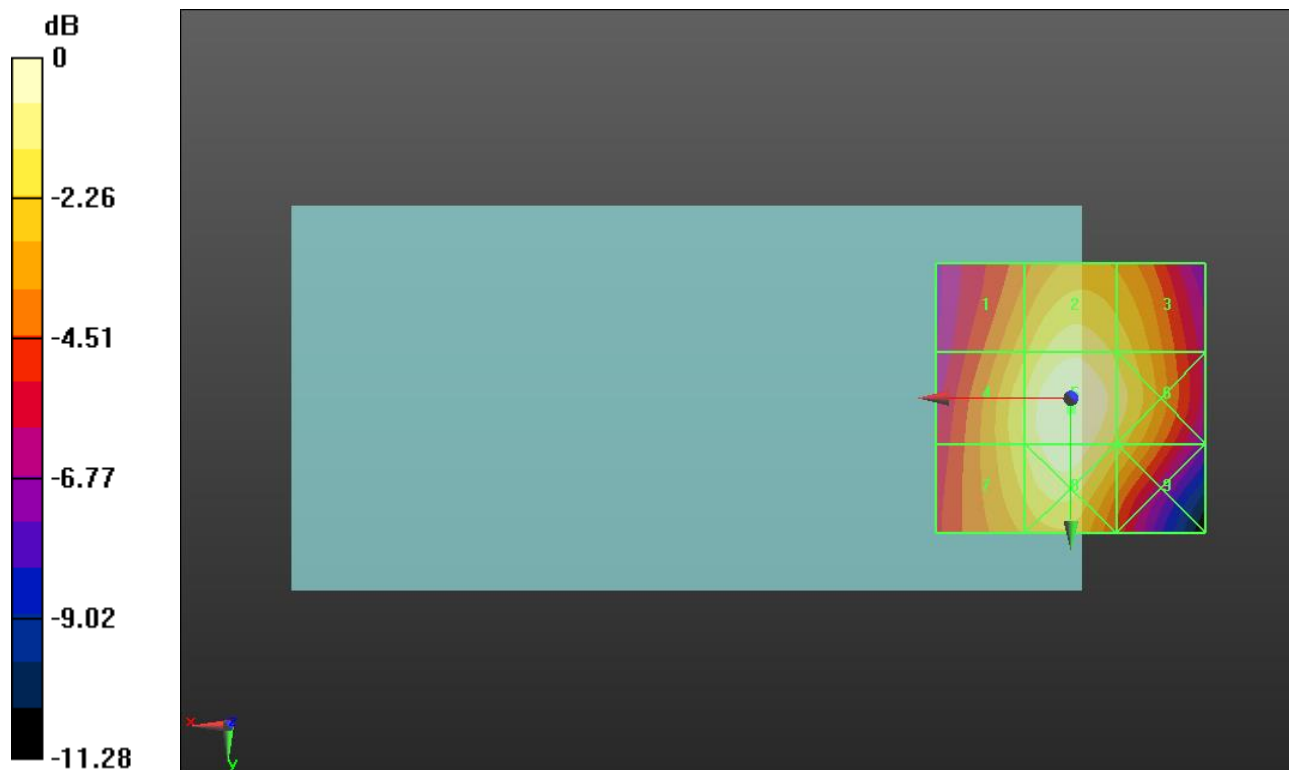
Applied MIF = 3.63 dB

RF audio interference level = 40.51 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.15 dBV/m	Grid 2 M4 39.63 dBV/m	Grid 3 M4 38.86 dBV/m
Grid 4 M4 39.17 dBV/m	Grid 5 M3 40.51 dBV/m	Grid 6 M4 39.47 dBV/m
Grid 7 M4 39.02 dBV/m	Grid 8 M3 40.24 dBV/m	Grid 9 M4 38.71 dBV/m



0 dB = 106.0 V/m = 40.51 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 = 21.94 V/m; Power Drift = 0.02 dB

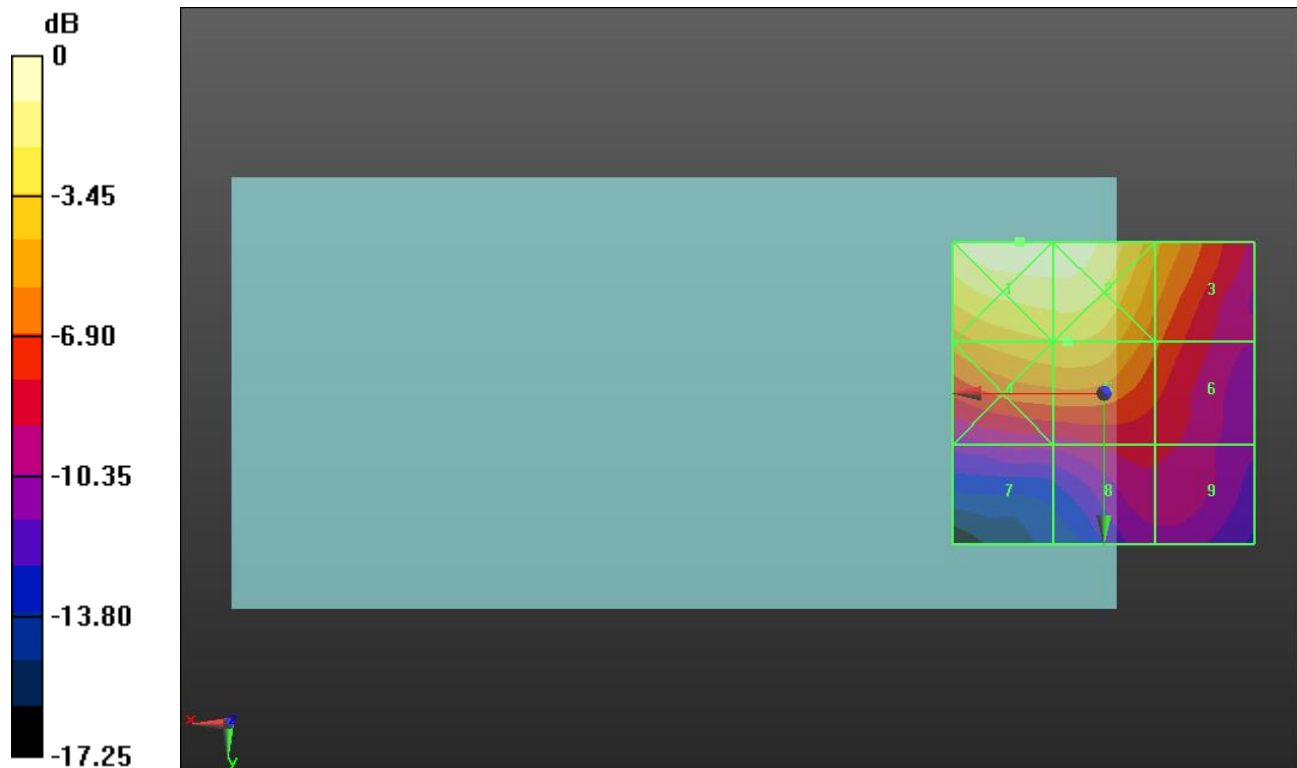
Applied MIF = 3.63 dB

RF audio interference level = 30.85 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.26 dBV/m	Grid 2 M3 34.08 dBV/m	Grid 3 M3 30.04 dBV/m
Grid 4 M3 30.74 dBV/m	Grid 5 M3 30.85 dBV/m	Grid 6 M4 27.69 dBV/m
Grid 7 M4 24.38 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.43 dBV/m



0 dB = 51.67 V/m = 34.26 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 = 21.51 V/m; Power Drift = -0.03 dB

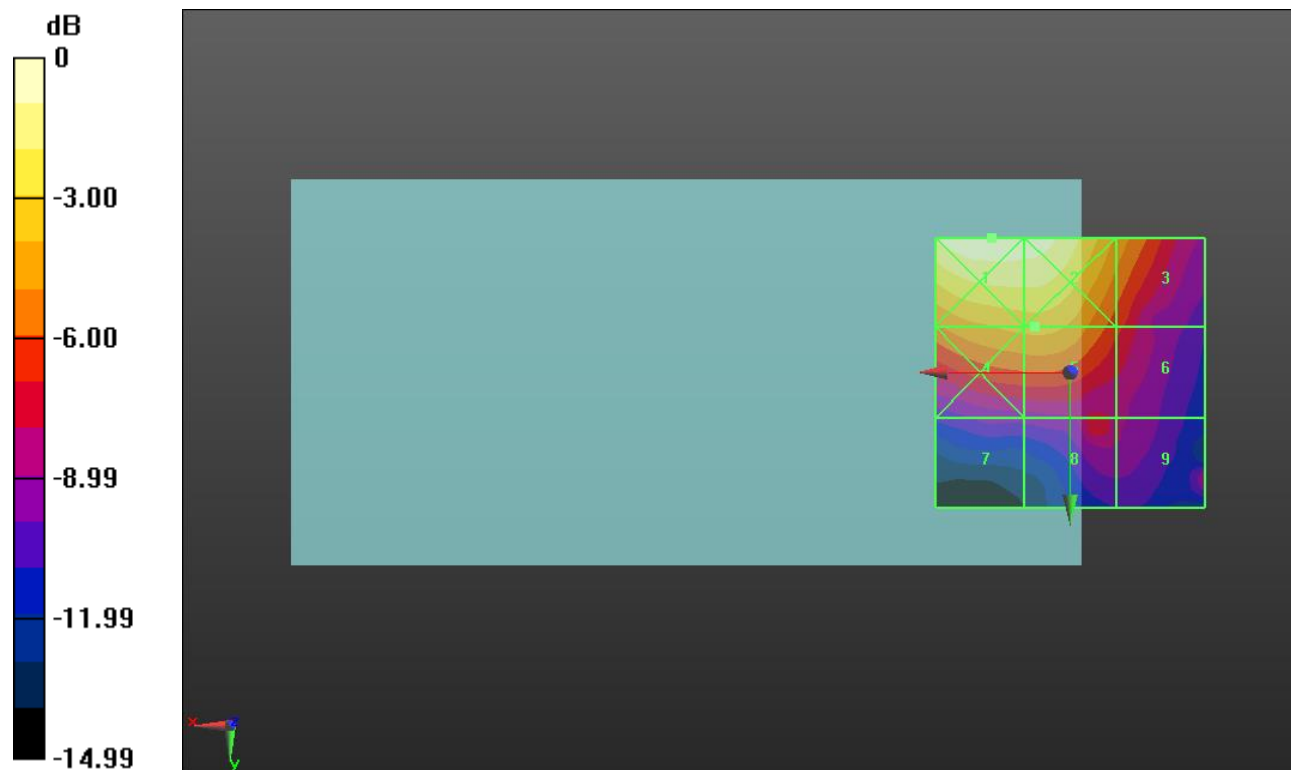
Applied MIF = 3.63 dB

RF audio interference level = 30.55 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.14 dBV/m	Grid 2 M3 33.87 dBV/m	Grid 3 M4 29.96 dBV/m
Grid 4 M3 30.47 dBV/m	Grid 5 M3 30.55 dBV/m	Grid 6 M4 27.6 dBV/m
Grid 7 M4 24.6 dBV/m	Grid 8 M4 27 dBV/m	Grid 9 M4 25.64 dBV/m



0 dB = 50.92 V/m = 34.14 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 = 20.38 V/m; Power Drift = 0.02 dB

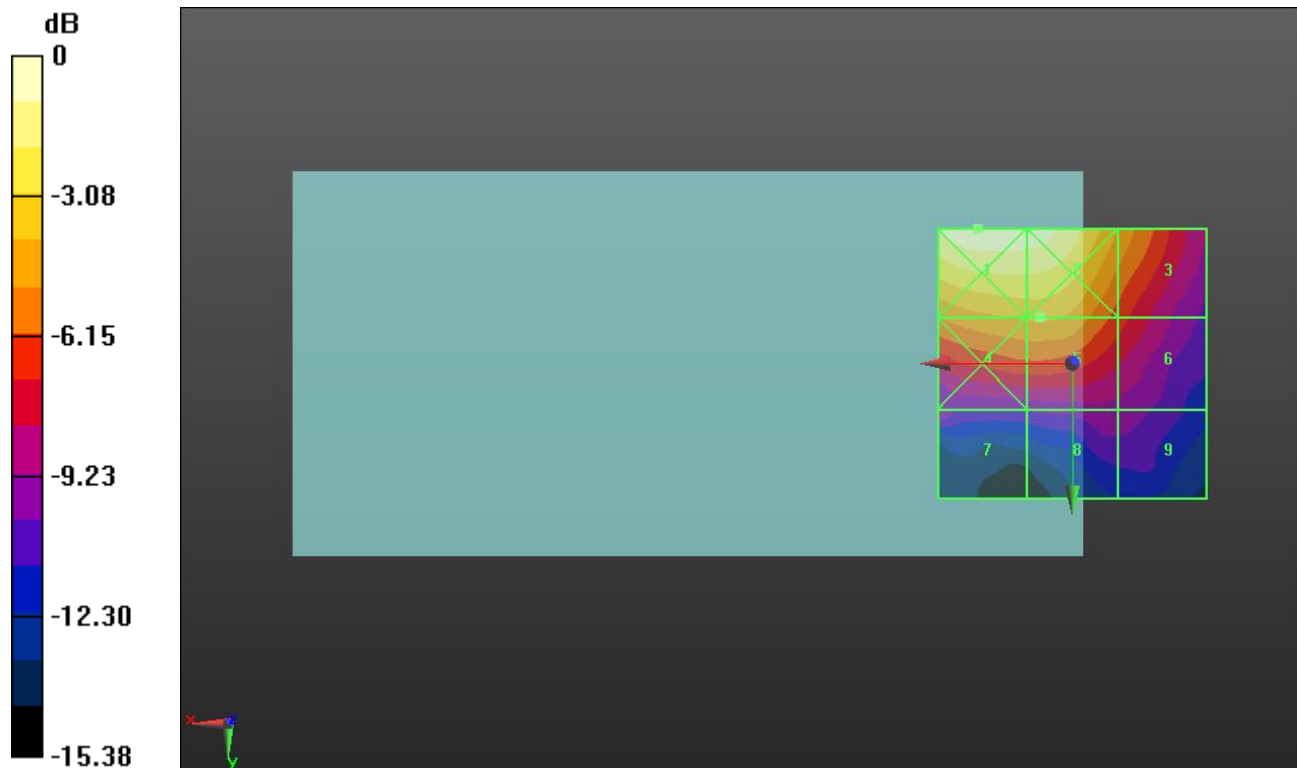
Applied MIF = 3.63 dB

RF audio interference level = 30.13 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.01 dBV/m	Grid 2 M3 33.71 dBV/m	Grid 3 M4 29.84 dBV/m
Grid 4 M3 30.07 dBV/m	Grid 5 M3 30.13 dBV/m	Grid 6 M4 27.39 dBV/m
Grid 7 M4 24.69 dBV/m	Grid 8 M4 24.62 dBV/m	Grid 9 M4 24.52 dBV/m



0 dB = 50.19 V/m = 34.01 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 - SN4028; ConvF(1, 1, 1) @ 824.7 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)

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 = 61.15 V/m; Power Drift = 0.06 dB

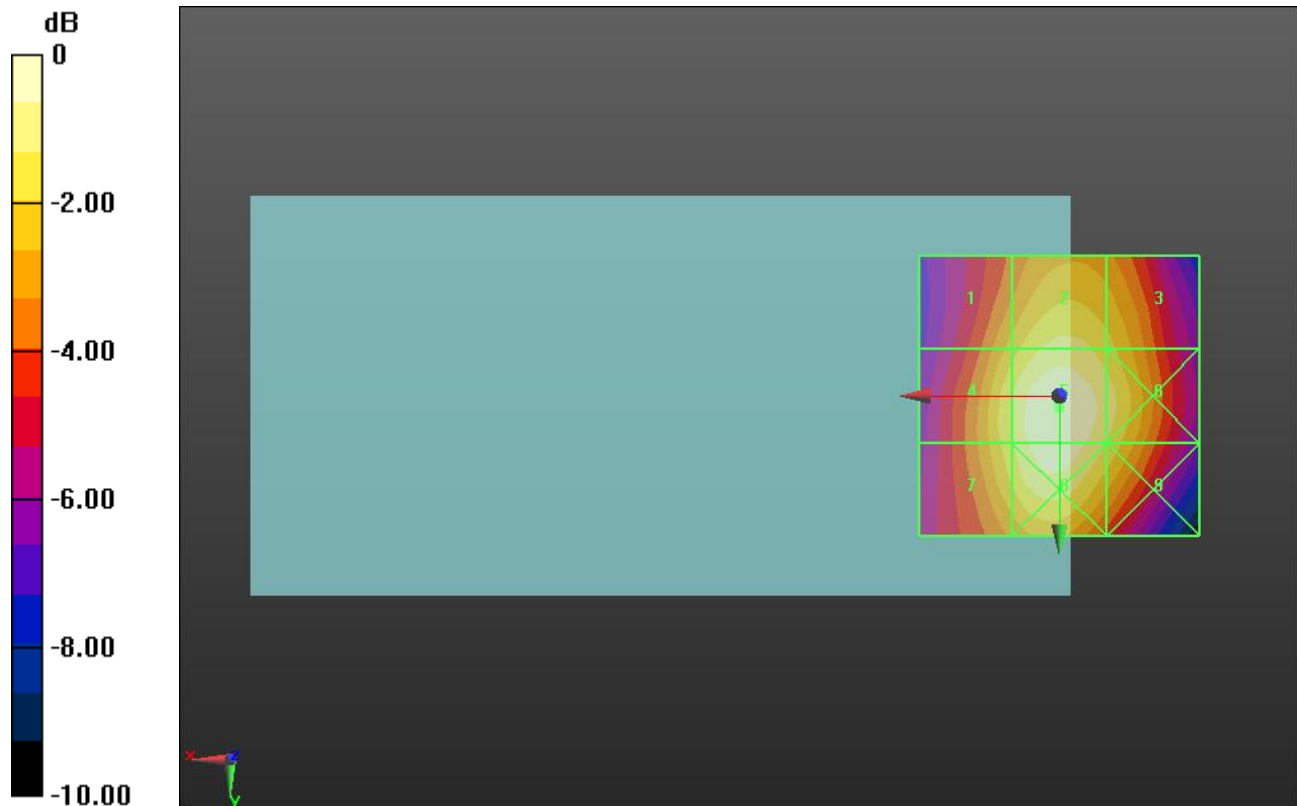
Applied MIF = 3.26 dB

RF audio interference level = 33.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.53 dBV/m	Grid 2 M4 32.8 dBV/m	Grid 3 M4 32.15 dBV/m
Grid 4 M4 32.61 dBV/m	Grid 5 M4 33.86 dBV/m	Grid 6 M4 32.89 dBV/m
Grid 7 M4 32.43 dBV/m	Grid 8 M4 33.64 dBV/m	Grid 9 M4 32.5 dBV/m



0 dB = 49.31 V/m = 33.86 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 - SN4028; ConvF(1, 1, 1) @ 836.52 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)

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 = 62.60 V/m; Power Drift = 0.04 dB

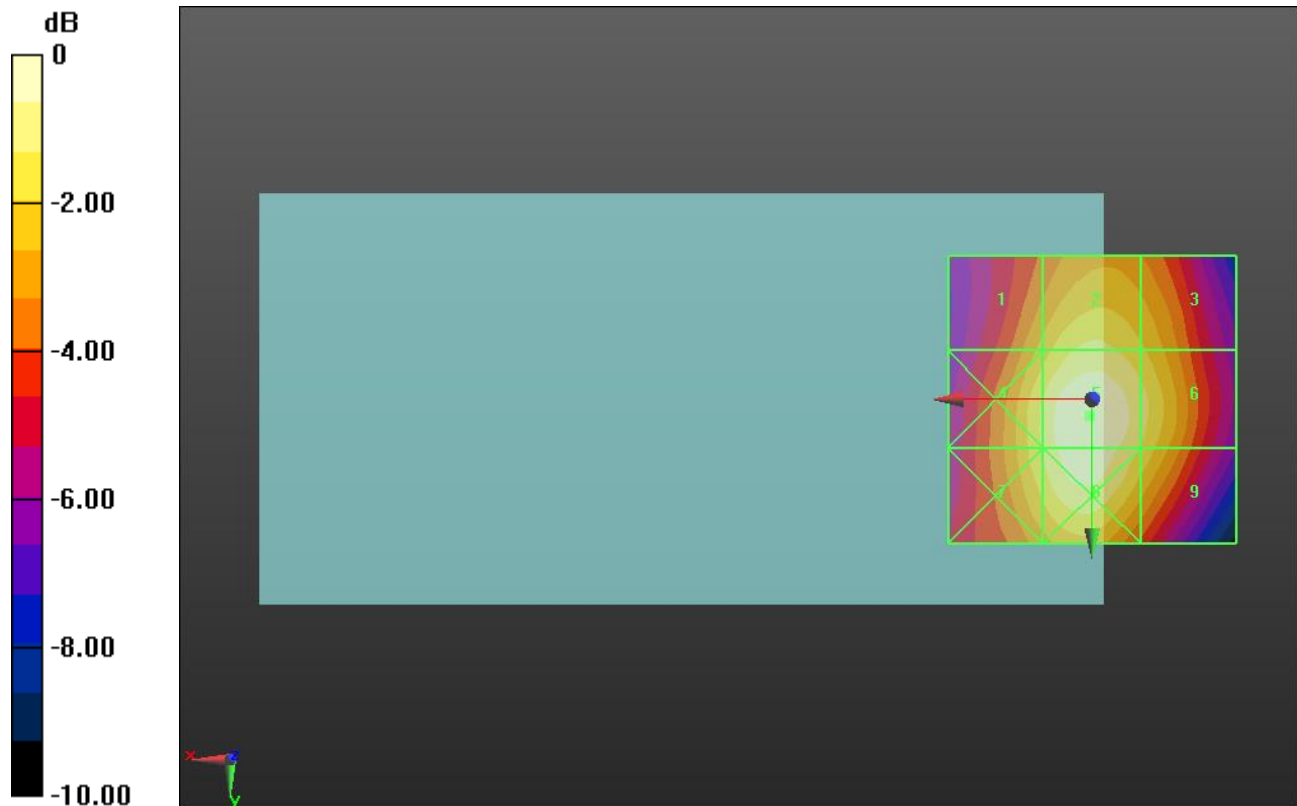
Applied MIF = 3.26 dB

RF audio interference level = 34.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.78 dBV/m	Grid 2 M4 32.99 dBV/m	Grid 3 M4 32.24 dBV/m
Grid 4 M4 32.95 dBV/m	Grid 5 M4 34.1 dBV/m	Grid 6 M4 33.06 dBV/m
Grid 7 M4 32.87 dBV/m	Grid 8 M4 33.94 dBV/m	Grid 9 M4 32.7 dBV/m



0 dB = 50.68 V/m = 34.10 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 - SN4028; ConvF(1, 1, 1) @ 848.31 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)

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 = 63.01 V/m; Power Drift = -0.04 dB

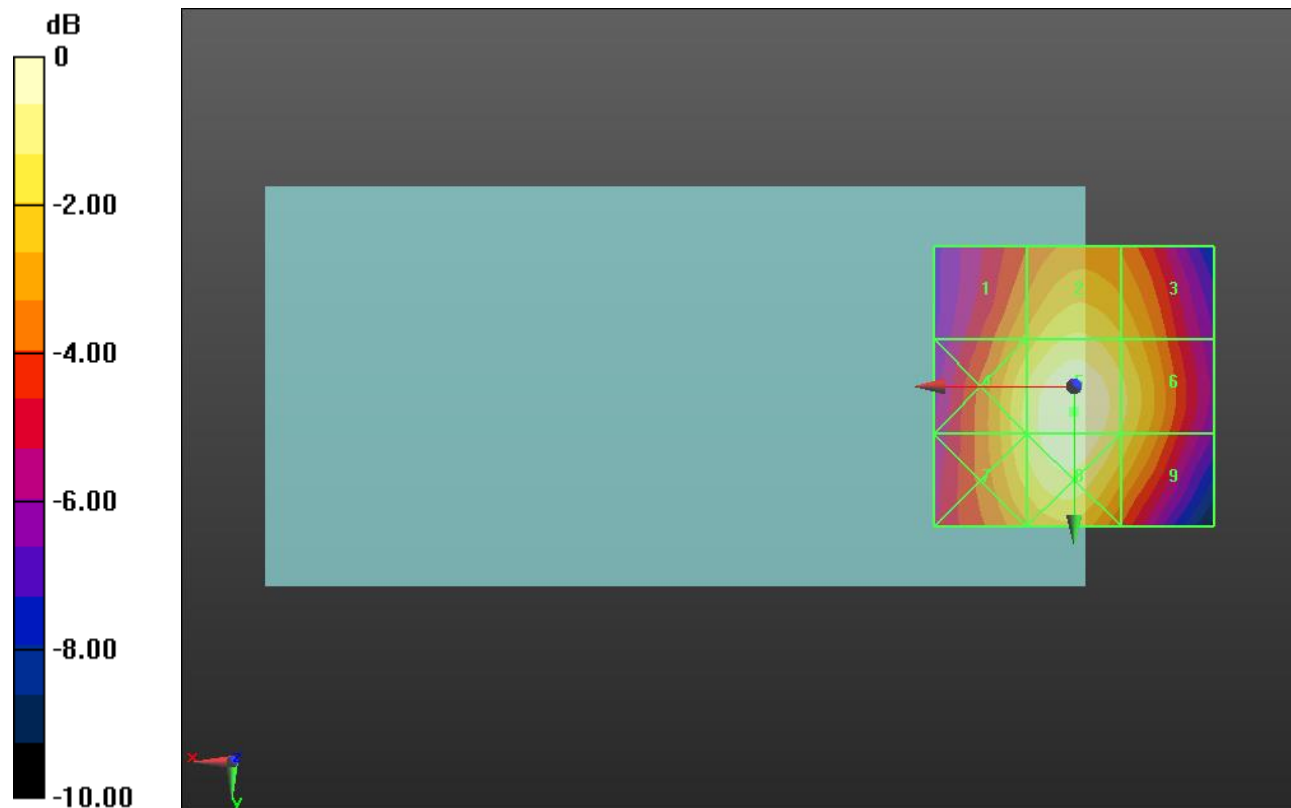
Applied MIF = 3.26 dB

RF audio interference level = 34.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.73 dBV/m	Grid 2 M4 32.99 dBV/m	Grid 3 M4 32.22 dBV/m
Grid 4 M4 33.06 dBV/m	Grid 5 M4 34.17 dBV/m	Grid 6 M4 33.07 dBV/m
Grid 7 M4 32.97 dBV/m	Grid 8 M4 34.05 dBV/m	Grid 9 M4 32.74 dBV/m



0 dB = 51.12 V/m = 34.17 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 - SN4028; ConvF(1, 1, 1) @ 1851.25 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)

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 = 12.64 V/m; Power Drift = 0.01 dB

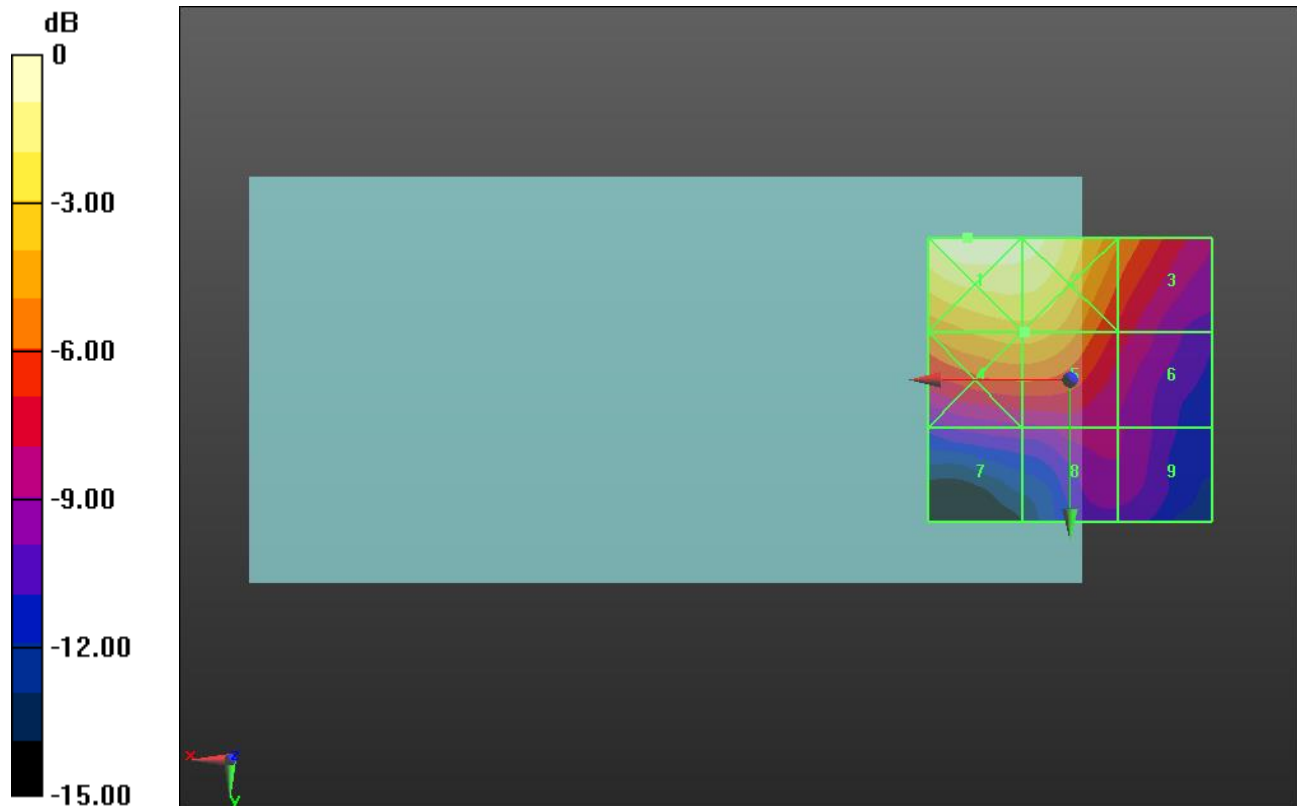
Applied MIF = 3.26 dB

RF audio interference level = 25.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.4 dBV/m	Grid 2 M4 29.04 dBV/m	Grid 3 M4 24.61 dBV/m
Grid 4 M4 25.95 dBV/m	Grid 5 M4 25.95 dBV/m	Grid 6 M4 22.15 dBV/m
Grid 7 M4 20.15 dBV/m	Grid 8 M4 20.93 dBV/m	Grid 9 M4 20.53 dBV/m



0 dB = 29.52 V/m = 29.40 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 - SN4028; ConvF(1, 1, 1) @ 1880 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)

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 = 12.51 V/m; Power Drift = -0.00 dB

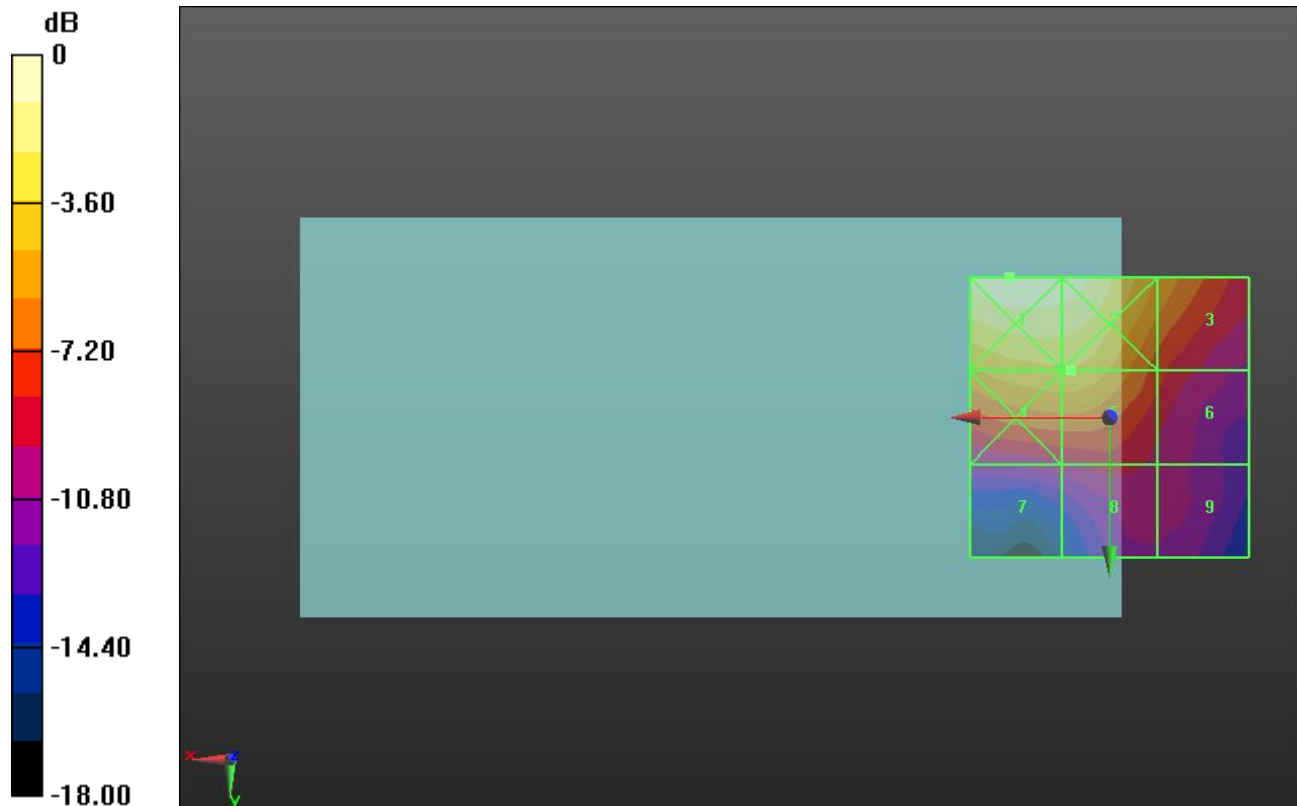
Applied MIF = 3.26 dB

RF audio interference level = 25.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.63 dBV/m	Grid 2 M4 29.22 dBV/m	Grid 3 M4 24.74 dBV/m
Grid 4 M4 25.86 dBV/m	Grid 5 M4 25.88 dBV/m	Grid 6 M4 21.84 dBV/m
Grid 7 M4 19.73 dBV/m	Grid 8 M4 20.52 dBV/m	Grid 9 M4 19.85 dBV/m



0 dB = 30.31 V/m = 29.63 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 - SN4028; ConvF(1, 1, 1) @ 1908.75 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)

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 = 11.83 V/m; Power Drift = -0.06 dB

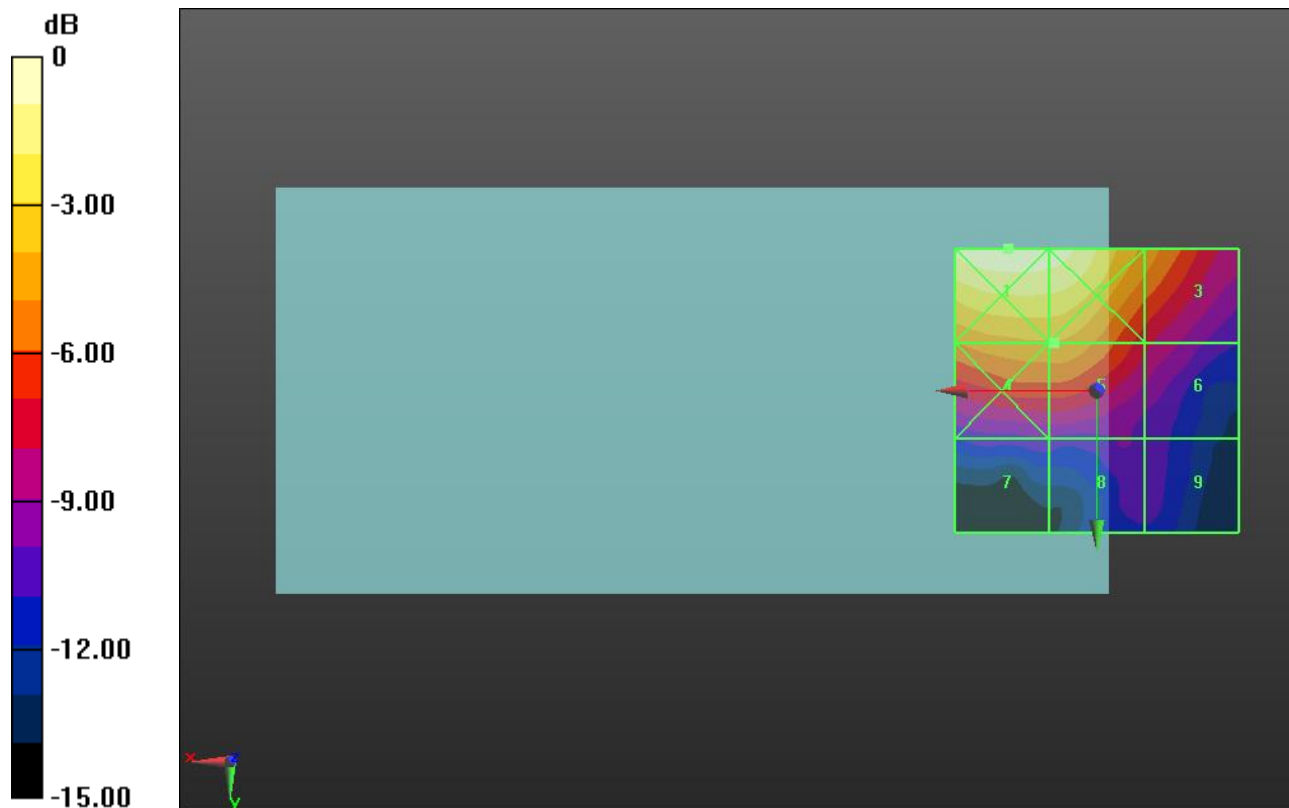
Applied MIF = 3.26 dB

RF audio interference level = 25.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.37 dBV/m	Grid 2 M4 29.06 dBV/m	Grid 3 M4 25.08 dBV/m
Grid 4 M4 25.32 dBV/m	Grid 5 M4 25.33 dBV/m	Grid 6 M4 21.78 dBV/m
Grid 7 M4 19.35 dBV/m	Grid 8 M4 19.53 dBV/m	Grid 9 M4 19.1 dBV/m



0 dB = 29.42 V/m = 29.37 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 - SN4028; ConvF(1, 1, 1) @ 817.3 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)

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 = 59.20 V/m; Power Drift = 0.08 dB

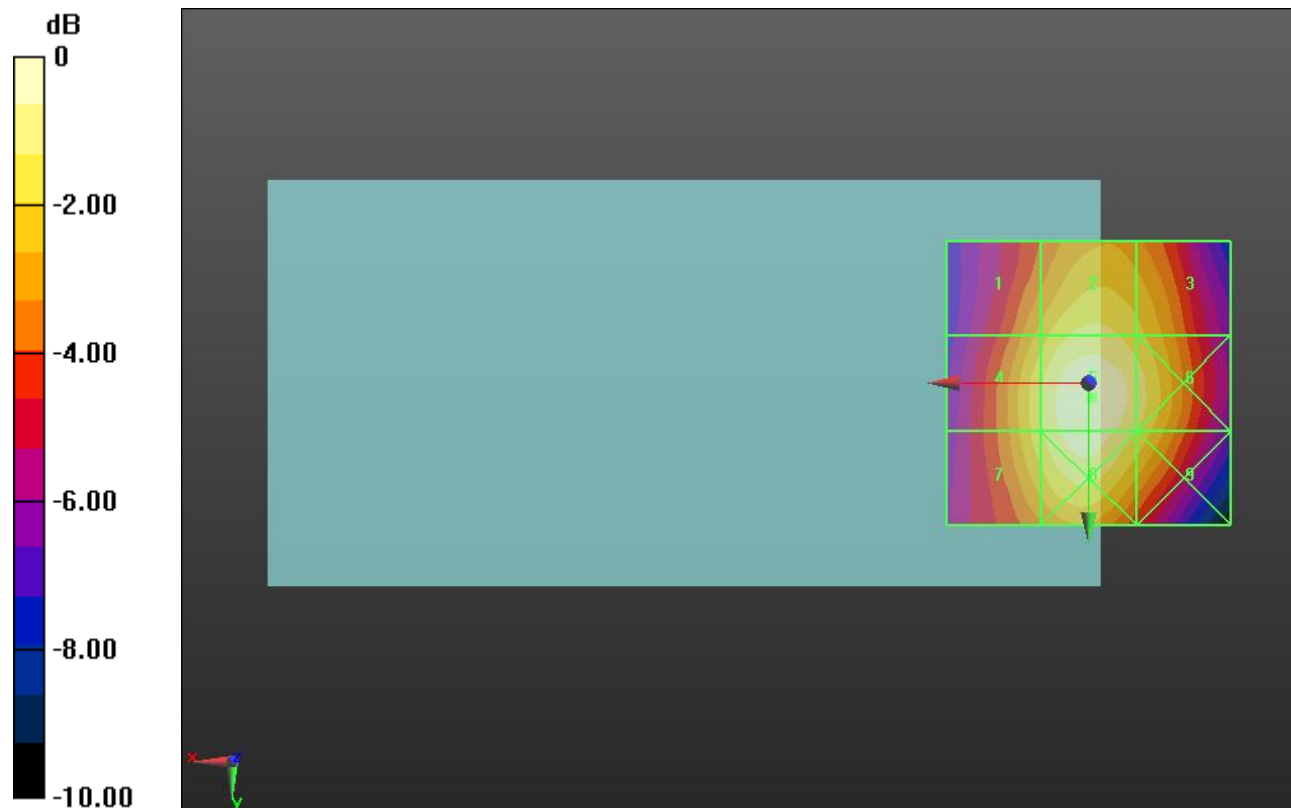
Applied MIF = 3.26 dB

RF audio interference level = 33.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.21 dBV/m	Grid 2 M4 32.51 dBV/m	Grid 3 M4 31.86 dBV/m
Grid 4 M4 32.24 dBV/m	Grid 5 M4 33.6 dBV/m	Grid 6 M4 32.65 dBV/m
Grid 7 M4 32.12 dBV/m	Grid 8 M4 33.35 dBV/m	Grid 9 M4 32.23 dBV/m



0 dB = 47.84 V/m = 33.60 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 - SN4028; ConvF(1, 1, 1) @ 820 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)

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 = 60.24 V/m; Power Drift = -0.01 dB

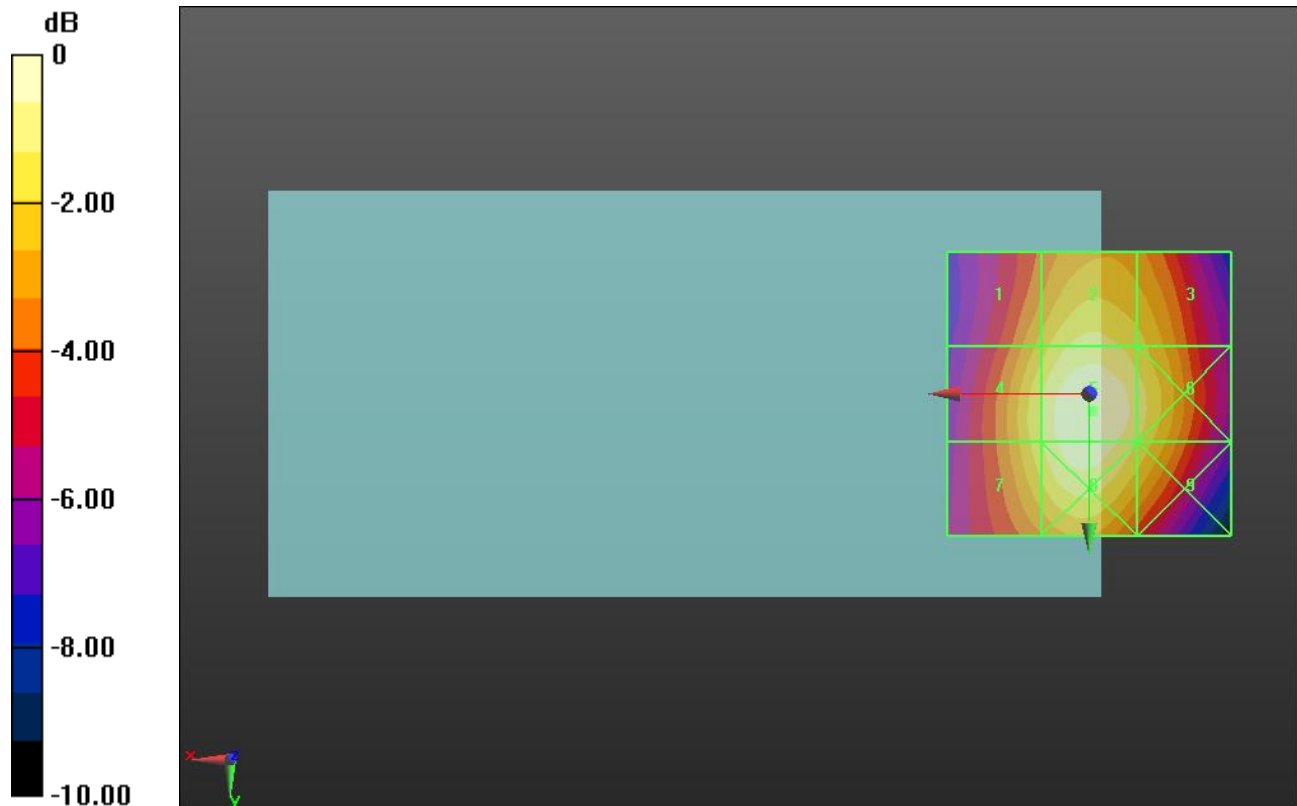
Applied MIF = 3.26 dB

RF audio interference level = 33.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.32 dBV/m	Grid 2 M4 32.66 dBV/m	Grid 3 M4 31.99 dBV/m
Grid 4 M4 32.44 dBV/m	Grid 5 M4 33.7 dBV/m	Grid 6 M4 32.74 dBV/m
Grid 7 M4 32.28 dBV/m	Grid 8 M4 33.48 dBV/m	Grid 9 M4 32.36 dBV/m



0 dB = 48.40 V/m = 33.70 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 - SN4028; ConvF(1, 1, 1) @ 822.75 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)

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 = 60.78 V/m; Power Drift = 0.14 dB

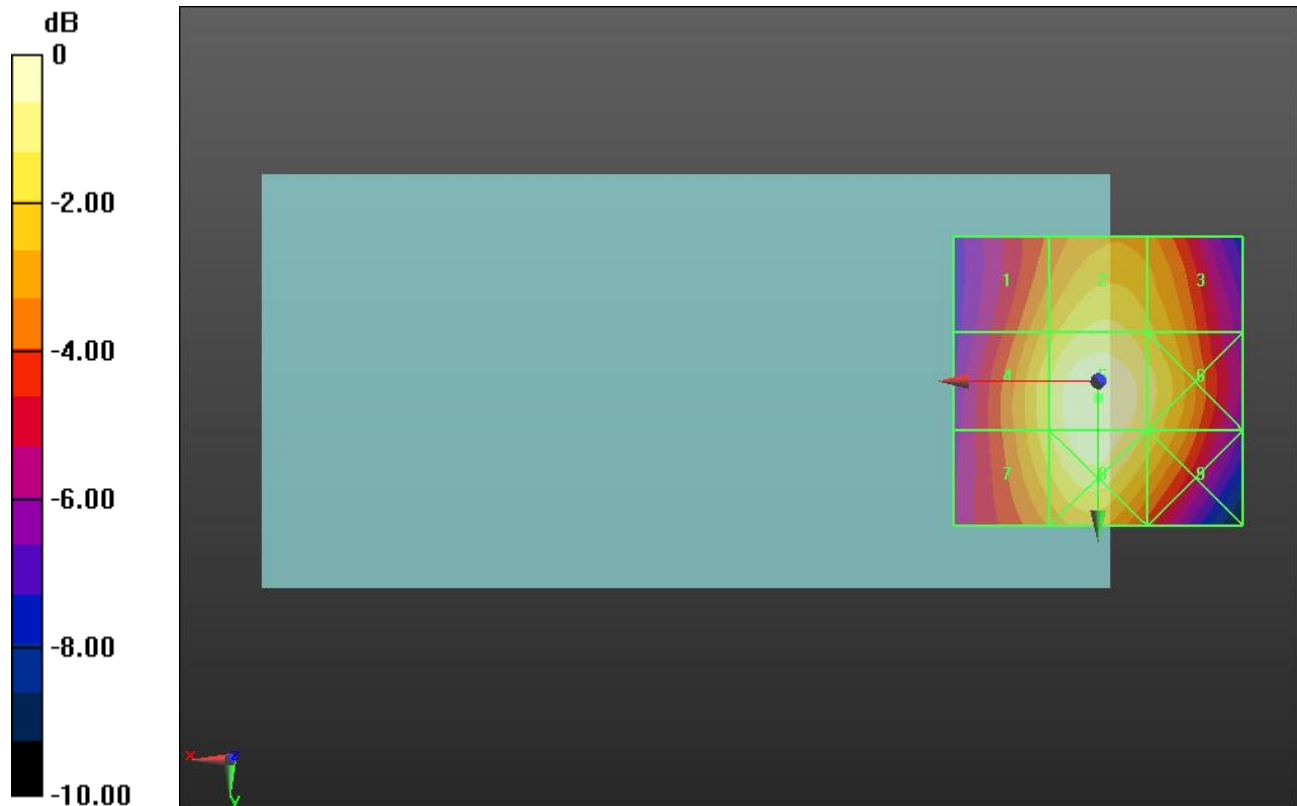
Applied MIF = 3.26 dB

RF audio interference level = 33.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.52 dBV/m	Grid 2 M4 32.76 dBV/m	Grid 3 M4 32.09 dBV/m
Grid 4 M4 32.55 dBV/m	Grid 5 M4 33.85 dBV/m	Grid 6 M4 32.87 dBV/m
Grid 7 M4 32.44 dBV/m	Grid 8 M4 33.65 dBV/m	Grid 9 M4 32.49 dBV/m



0 dB = 49.26 V/m = 33.85 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 = 15.75 V/m; Power Drift = 0.06 dB

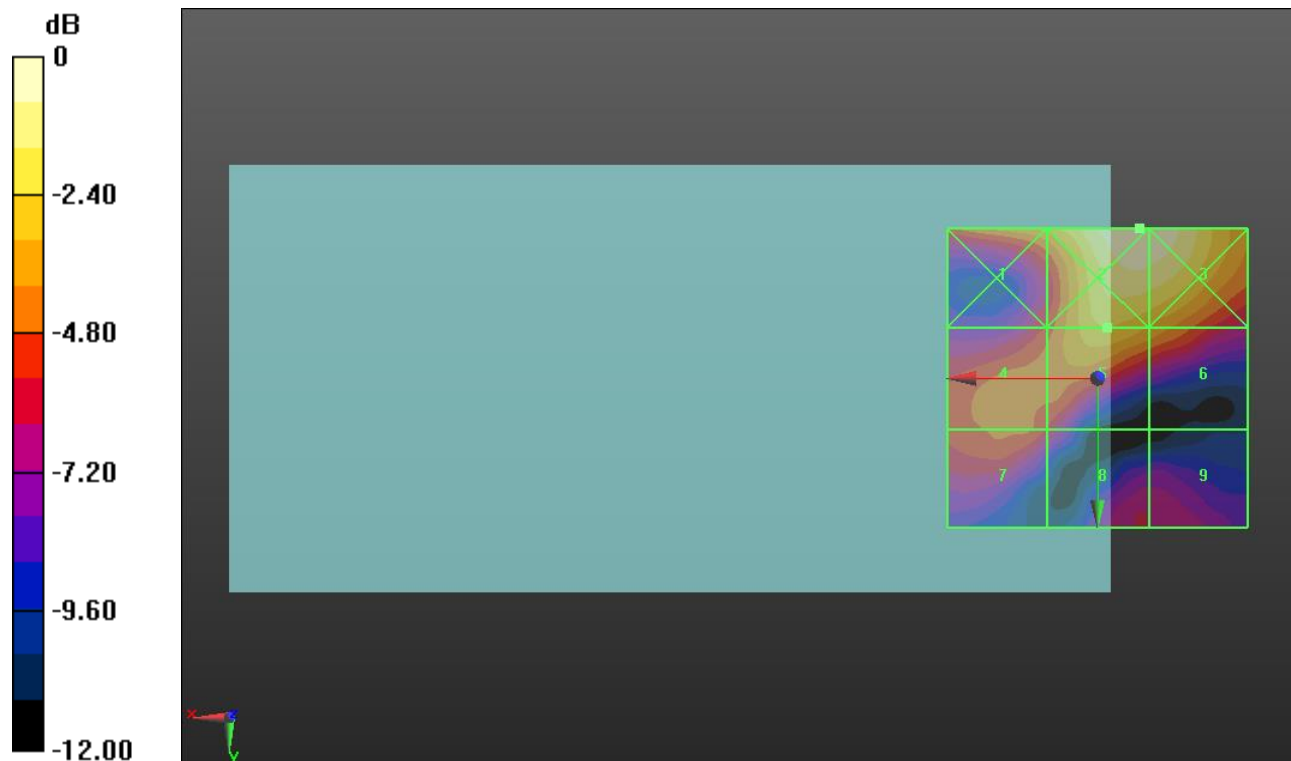
Applied MIF = -1.44 dB

RF audio interference level = 21.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.45 dBV/m	Grid 2 M4 24.33 dBV/m	Grid 3 M4 24.28 dBV/m
Grid 4 M4 20.06 dBV/m	Grid 5 M4 21.92 dBV/m	Grid 6 M4 21.03 dBV/m
Grid 7 M4 19.84 dBV/m	Grid 8 M4 18.62 dBV/m	Grid 9 M4 17.94 dBV/m



0 dB = 16.46 V/m = 24.33 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 = 24.88 V/m; Power Drift = -0.01 dB

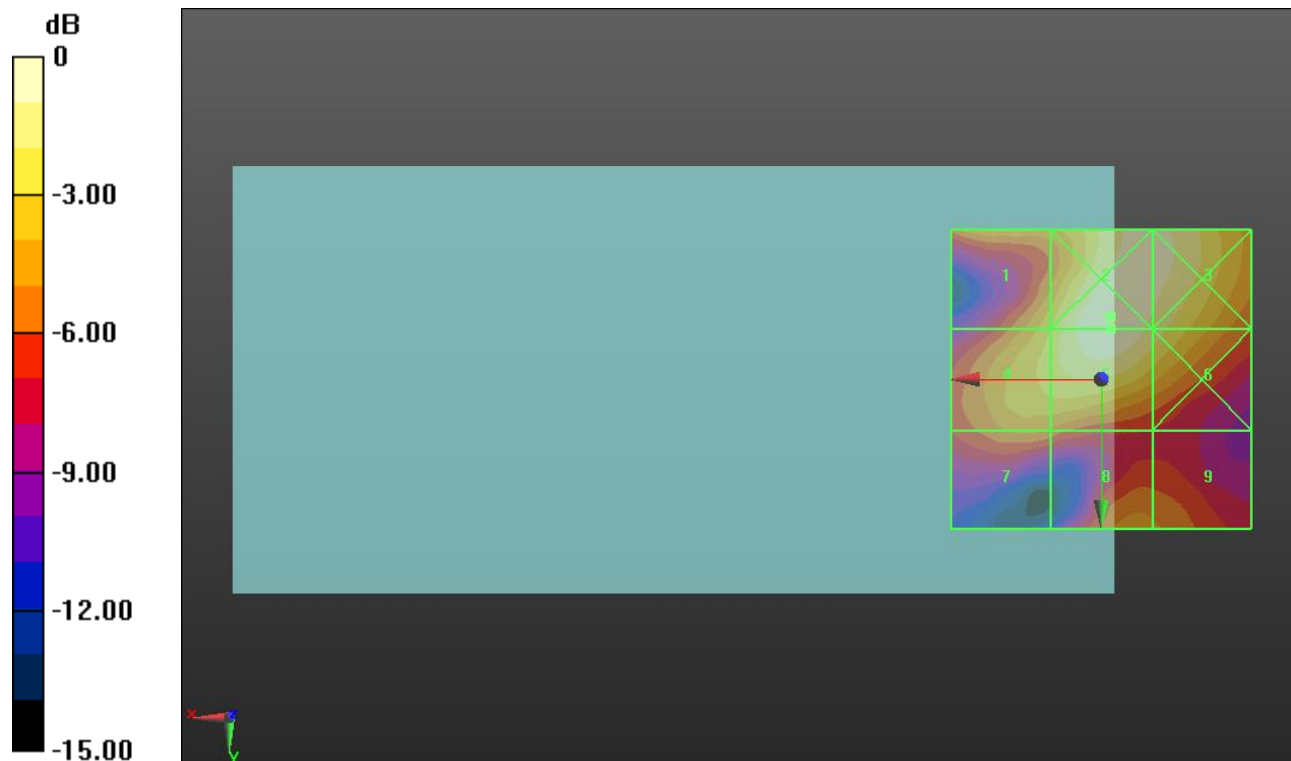
Applied MIF = -1.44 dB

RF audio interference level = 24.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.65 dBV/m	Grid 2 M4 24.66 dBV/m	Grid 3 M4 24.08 dBV/m
Grid 4 M4 22.22 dBV/m	Grid 5 M4 24.56 dBV/m	Grid 6 M4 23.31 dBV/m
Grid 7 M4 19.98 dBV/m	Grid 8 M4 20.23 dBV/m	Grid 9 M4 19.92 dBV/m



0 dB = 17.11 V/m = 24.67 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 = 35.03 V/m; Power Drift = 0.01 dB

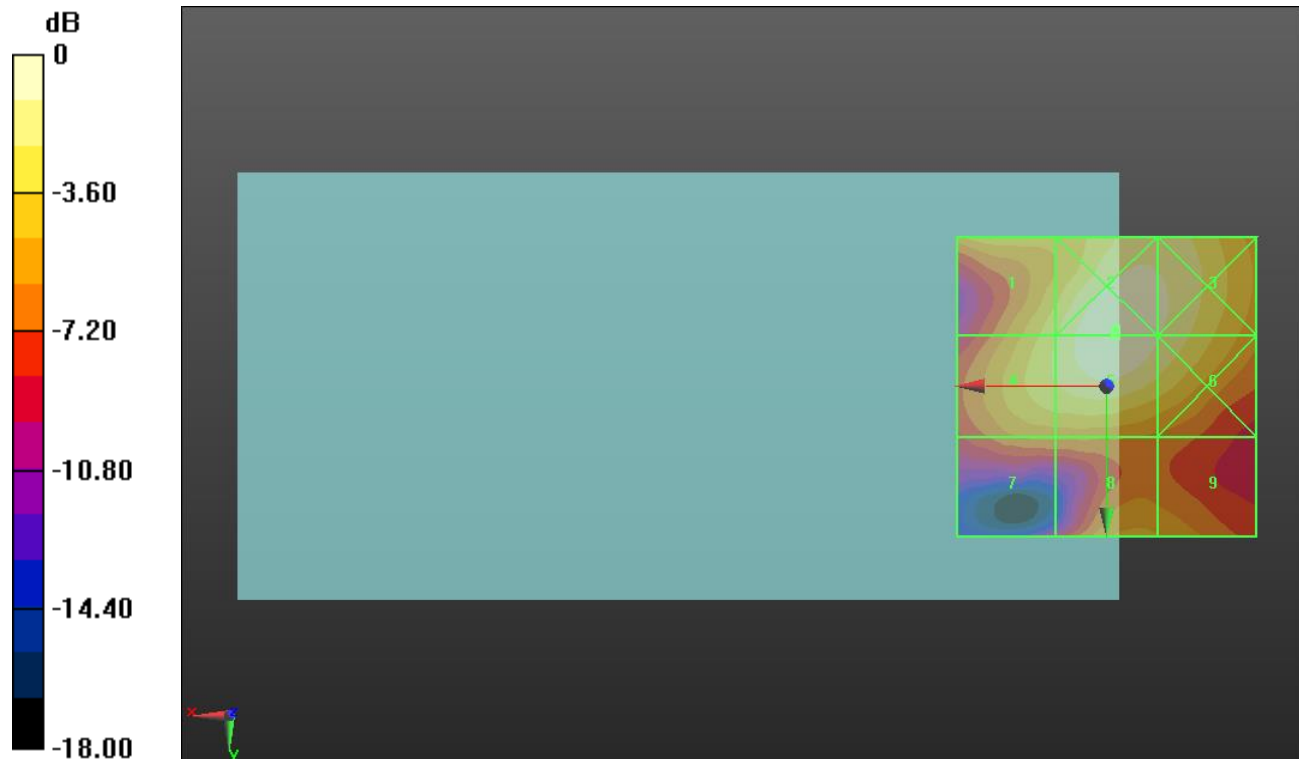
Applied MIF = -1.44 dB

RF audio interference level = 27.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.61 dBV/m	Grid 2 M4 27.12 dBV/m	Grid 3 M4 26.26 dBV/m
Grid 4 M4 24.94 dBV/m	Grid 5 M4 27.1 dBV/m	Grid 6 M4 26.04 dBV/m
Grid 7 M4 21.47 dBV/m	Grid 8 M4 22.67 dBV/m	Grid 9 M4 22.4 dBV/m



0 dB = 22.69 V/m = 27.12 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 = 43.07 V/m; Power Drift = -0.06 dB

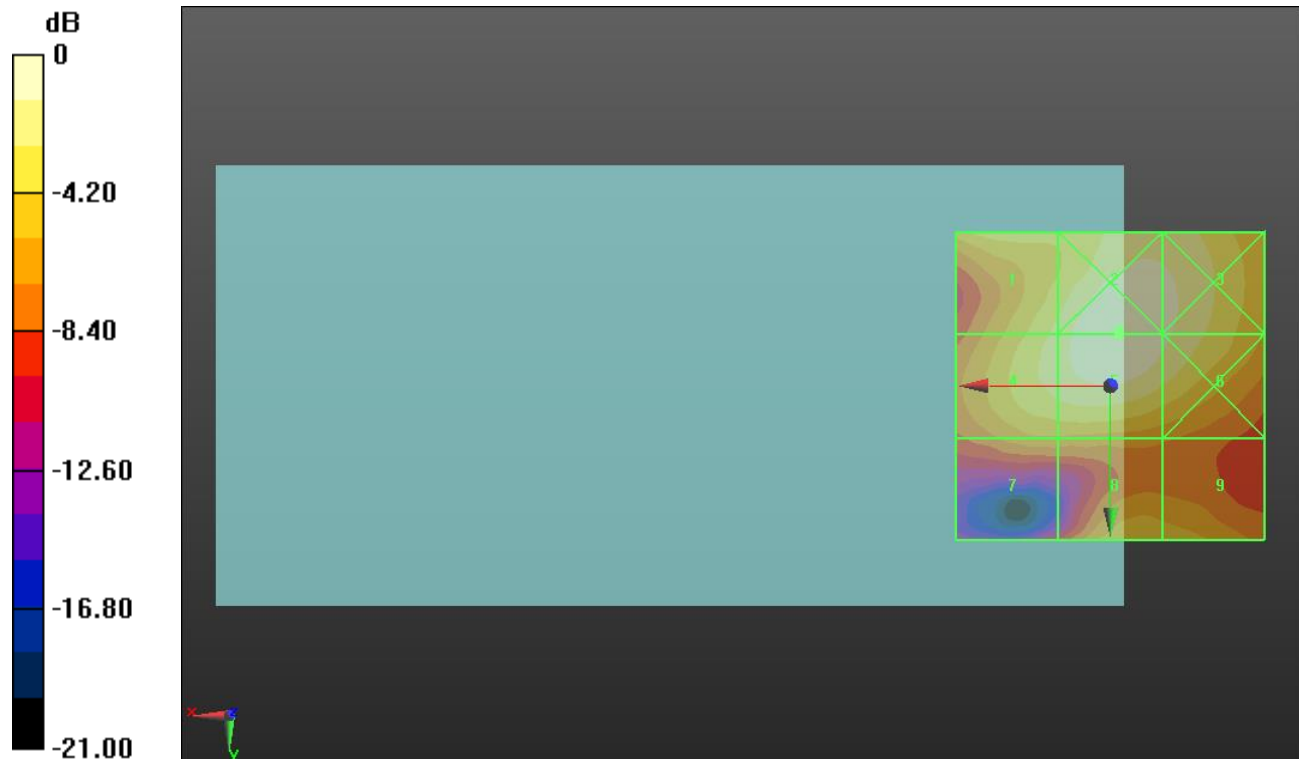
Applied MIF = -1.44 dB

RF audio interference level = 28.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.38 dBV/m	Grid 2 M4 28.67 dBV/m	Grid 3 M4 27.78 dBV/m
Grid 4 M4 26.74 dBV/m	Grid 5 M4 28.67 dBV/m	Grid 6 M4 27.63 dBV/m
Grid 7 M4 22.89 dBV/m	Grid 8 M4 24.46 dBV/m	Grid 9 M4 24.14 dBV/m



0 dB = 27.15 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 = 50.07 V/m; Power Drift = -0.02 dB

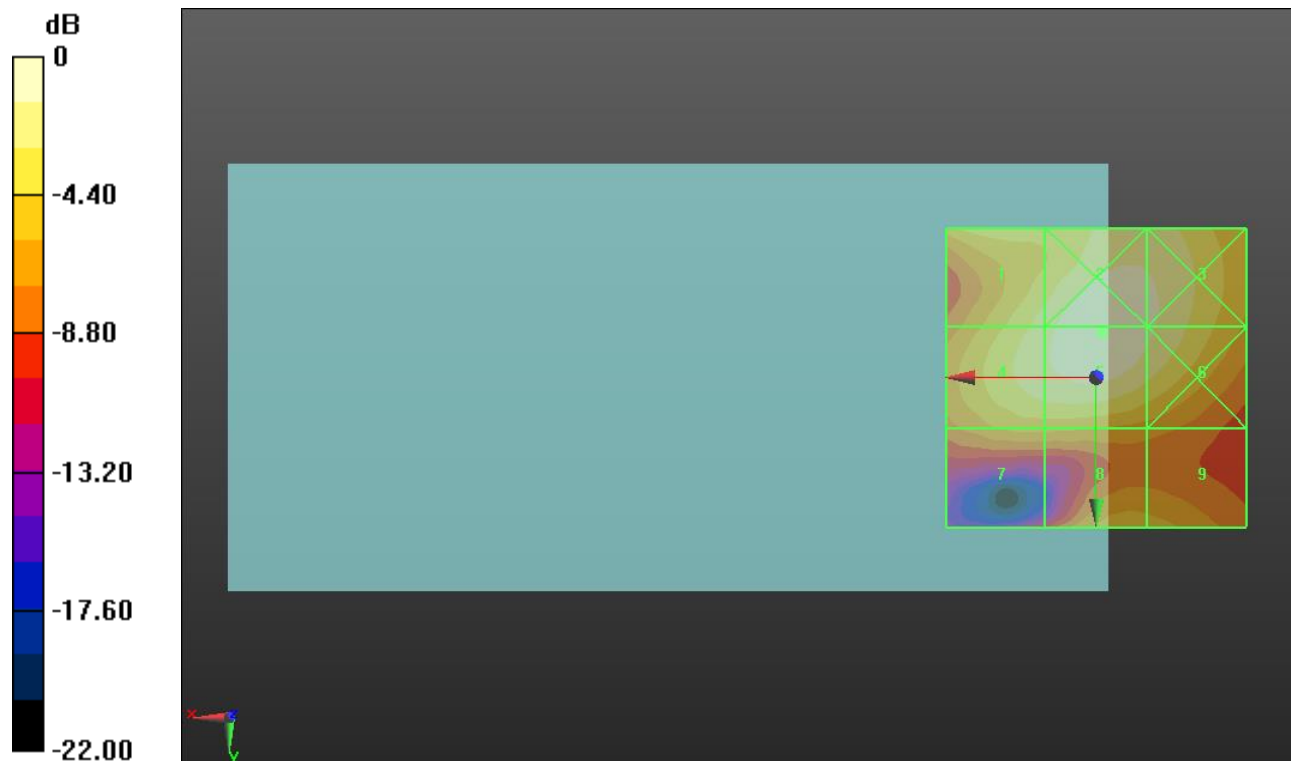
Applied MIF = -1.44 dB

RF audio interference level = 29.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.59 dBV/m	Grid 2 M4 29.68 dBV/m	Grid 3 M4 28.65 dBV/m
Grid 4 M4 28.04 dBV/m	Grid 5 M4 29.7 dBV/m	Grid 6 M4 28.57 dBV/m
Grid 7 M4 24.39 dBV/m	Grid 8 M4 24.96 dBV/m	Grid 9 M4 24.67 dBV/m



0 dB = 30.53 V/m = 29.69 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 = 12.32 V/m; Power Drift = -0.05 dB

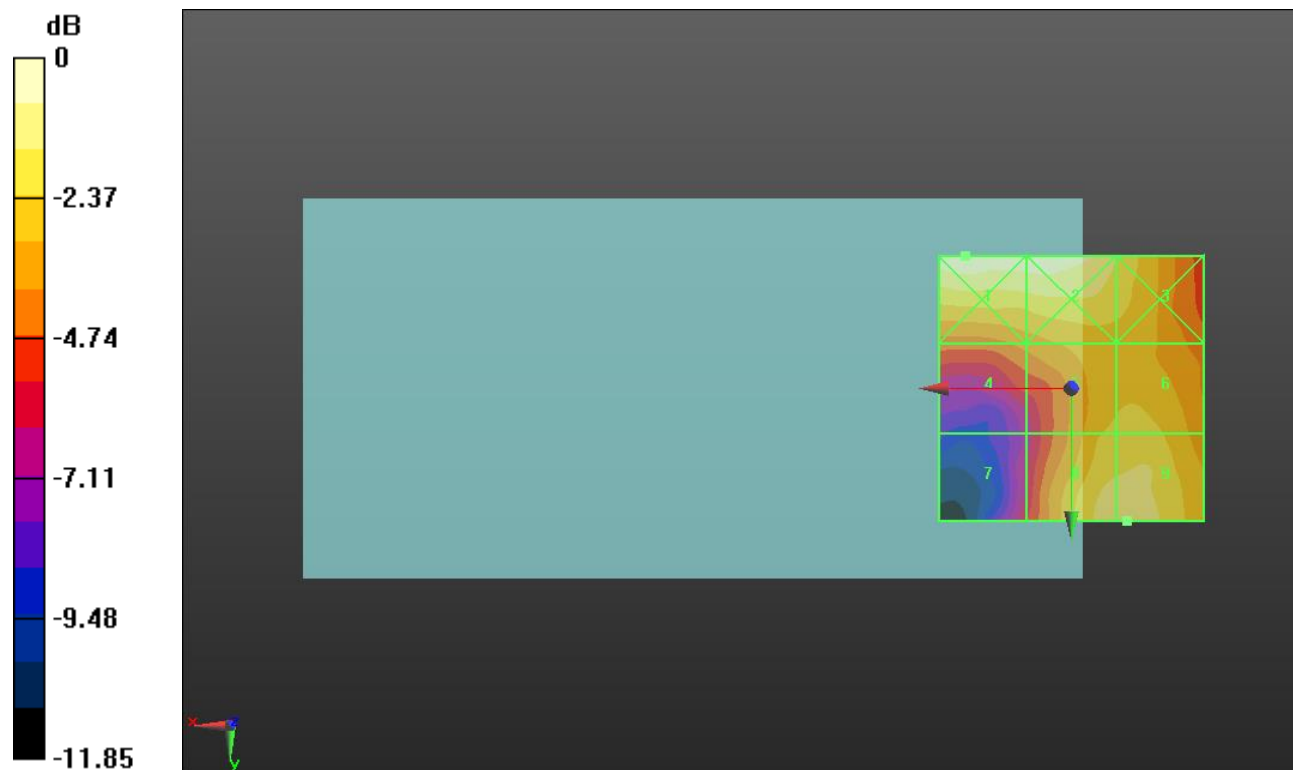
Applied MIF = 3.63 dB

RF audio interference level = 25.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.07 dBV/m	Grid 2 M4 26.75 dBV/m	Grid 3 M4 25.56 dBV/m
Grid 4 M4 23.45 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 25.01 dBV/m
Grid 7 M4 21.52 dBV/m	Grid 8 M4 25.92 dBV/m	Grid 9 M4 25.95 dBV/m



0 dB = 22.57 V/m = 27.07 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 = 13.36 V/m; Power Drift = -0.07 dB

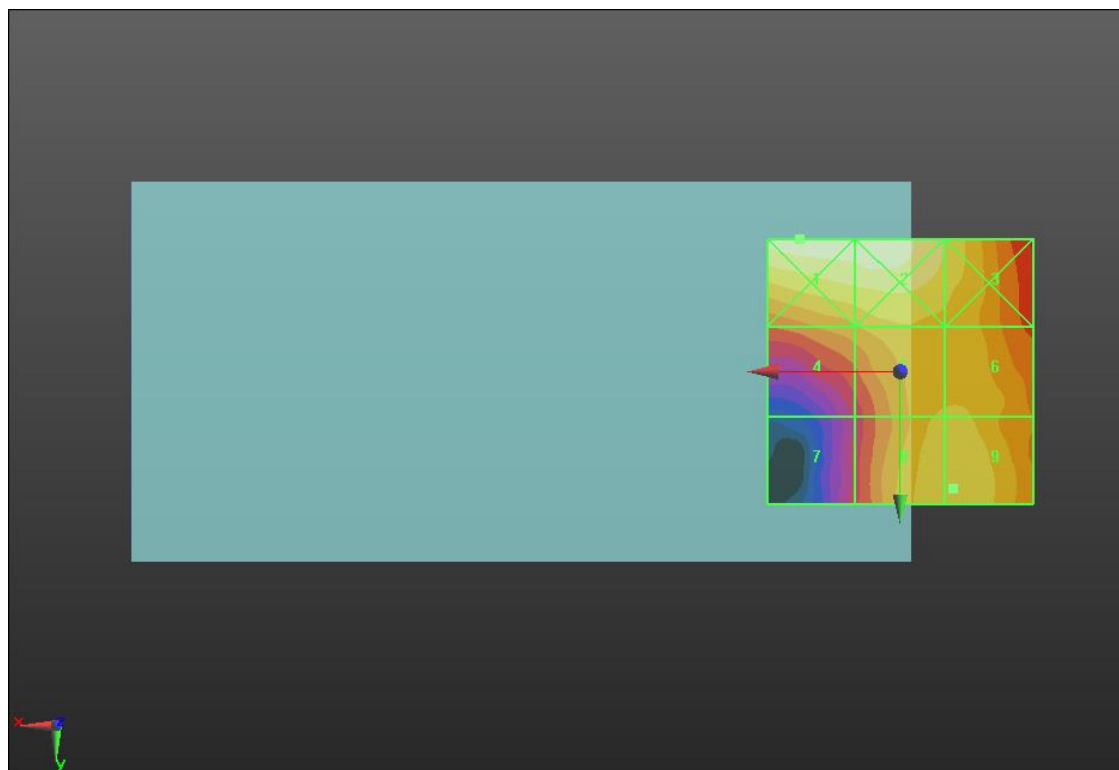
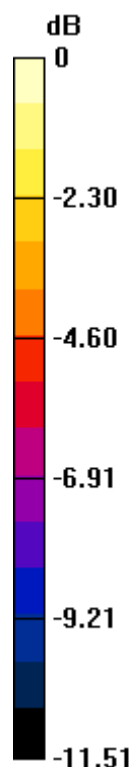
Applied MIF = 3.63 dB

RF audio interference level = 25.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.11 dBV/m	Grid 2 M4 27.01 dBV/m	Grid 3 M4 25.55 dBV/m
Grid 4 M4 23.94 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 24.92 dBV/m
Grid 7 M4 21.49 dBV/m	Grid 8 M4 25.4 dBV/m	Grid 9 M4 25.43 dBV/m



0 dB = 22.67 V/m = 27.11 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 = 14.43 V/m; Power Drift = -0.05 dB

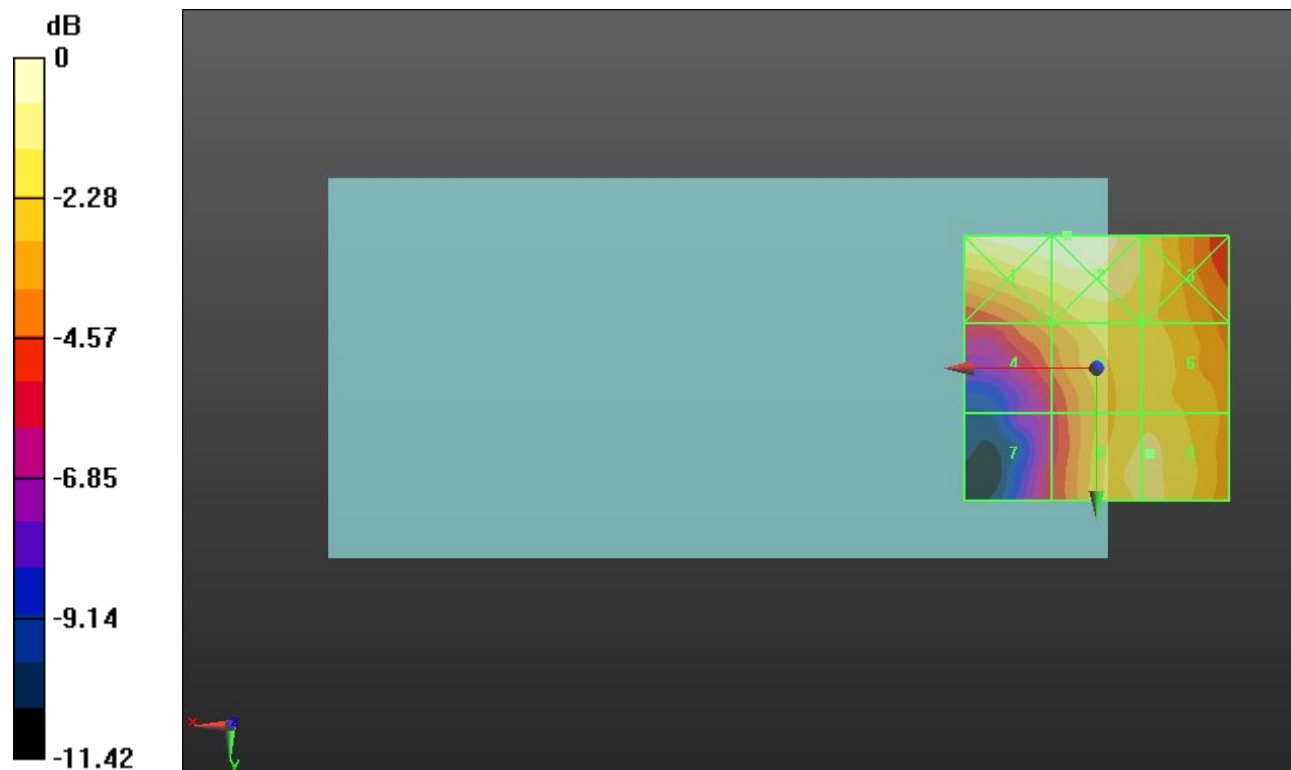
Applied MIF = 3.63 dB

RF audio interference level = 25.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.12 dBV/m	Grid 2 M4 27.29 dBV/m	Grid 3 M4 25.83 dBV/m
Grid 4 M4 24.09 dBV/m	Grid 5 M4 25.61 dBV/m	Grid 6 M4 25.65 dBV/m
Grid 7 M4 21.96 dBV/m	Grid 8 M4 25.89 dBV/m	Grid 9 M4 25.89 dBV/m



0 dB = 23.16 V/m = 27.29 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 = 18.24 V/m; Power Drift = 0.09 dB

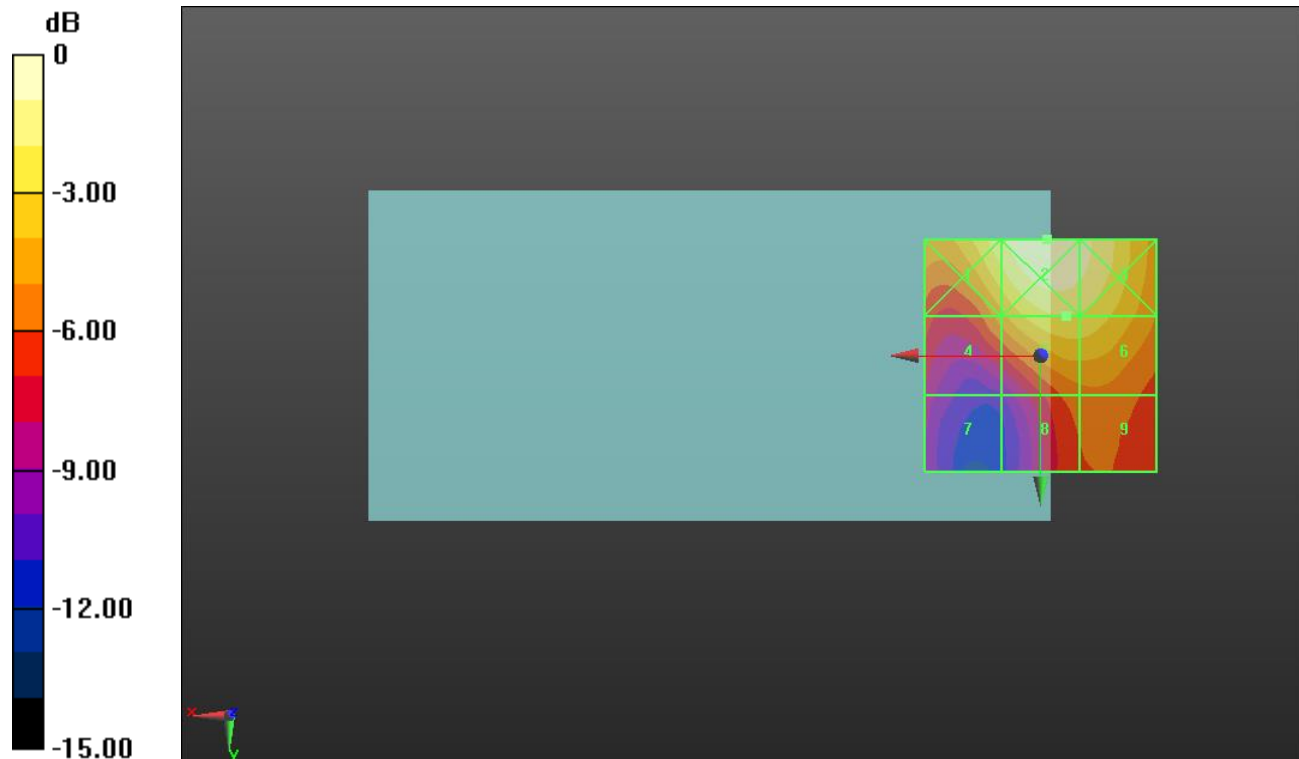
Applied MIF = -1.44 dB

RF audio interference level = 24.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.58 dBV/m	Grid 2 M4 26.81 dBV/m	Grid 3 M4 26.21 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 24.81 dBV/m	Grid 6 M4 24.67 dBV/m
Grid 7 M4 18.58 dBV/m	Grid 8 M4 21.41 dBV/m	Grid 9 M4 21.57 dBV/m



0 dB = 21.89 V/m = 26.80 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 = 17.75 V/m; Power Drift = 0.00 dB

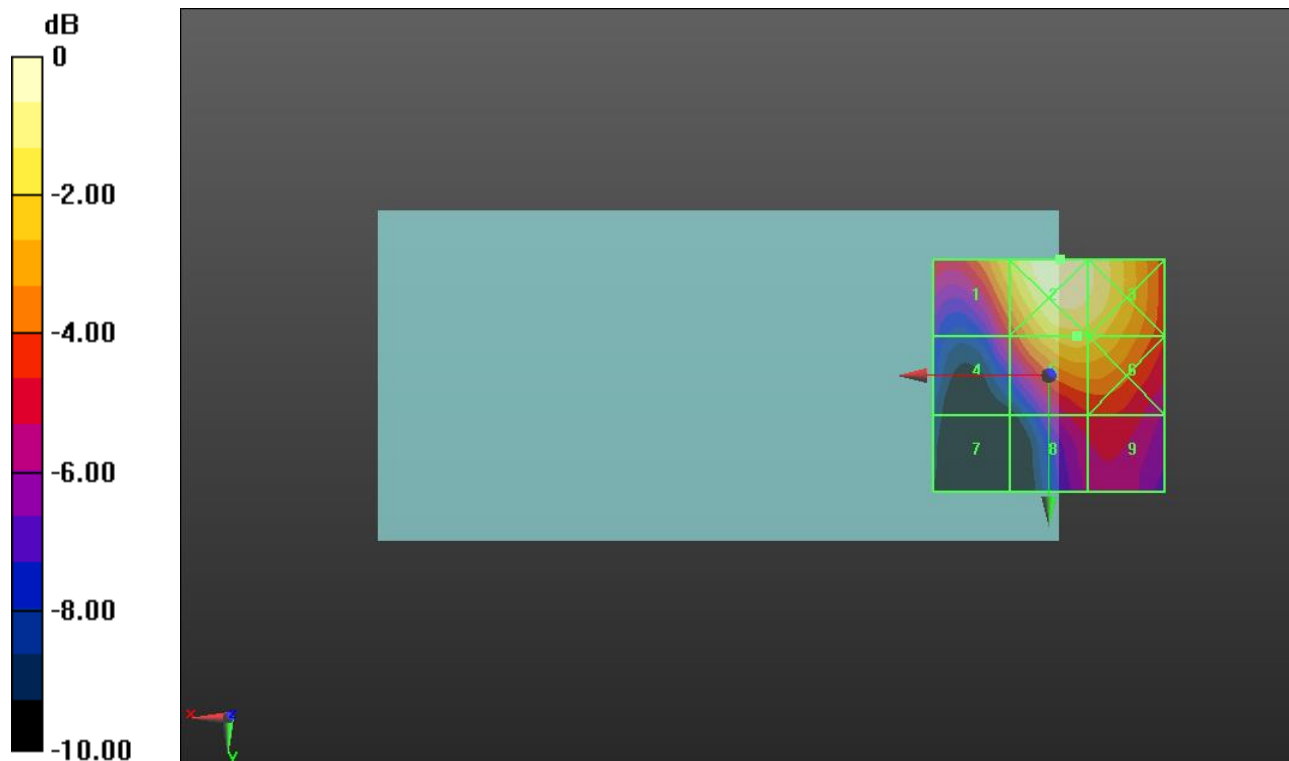
Applied MIF = -1.44 dB

RF audio interference level = 24.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.01 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.35 dBV/m
Grid 4 M4 21.09 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 24.12 dBV/m
Grid 7 M4 17.41 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 21.23 dBV/m



0 dB = 19.57 V/m = 25.83 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 = 19.26 V/m; Power Drift = -0.06 dB

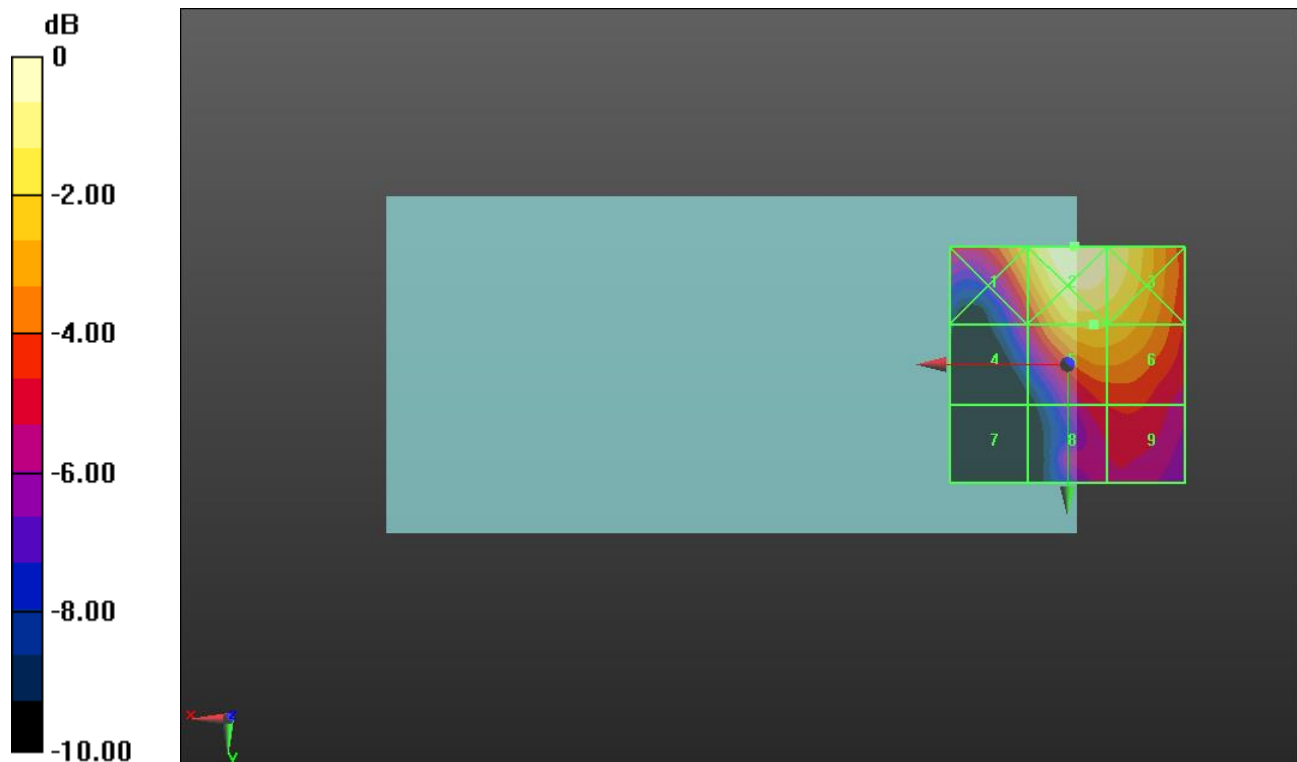
Applied MIF = -1.44 dB

RF audio interference level = 24.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.71 dBV/m	Grid 2 M4 26.57 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 21.31 dBV/m	Grid 5 M4 24.77 dBV/m	Grid 6 M4 24.6 dBV/m
Grid 7 M4 16.89 dBV/m	Grid 8 M4 21.95 dBV/m	Grid 9 M4 22.09 dBV/m



0 dB = 21.31 V/m = 26.57 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 = 19.76 V/m; Power Drift = -0.11 dB

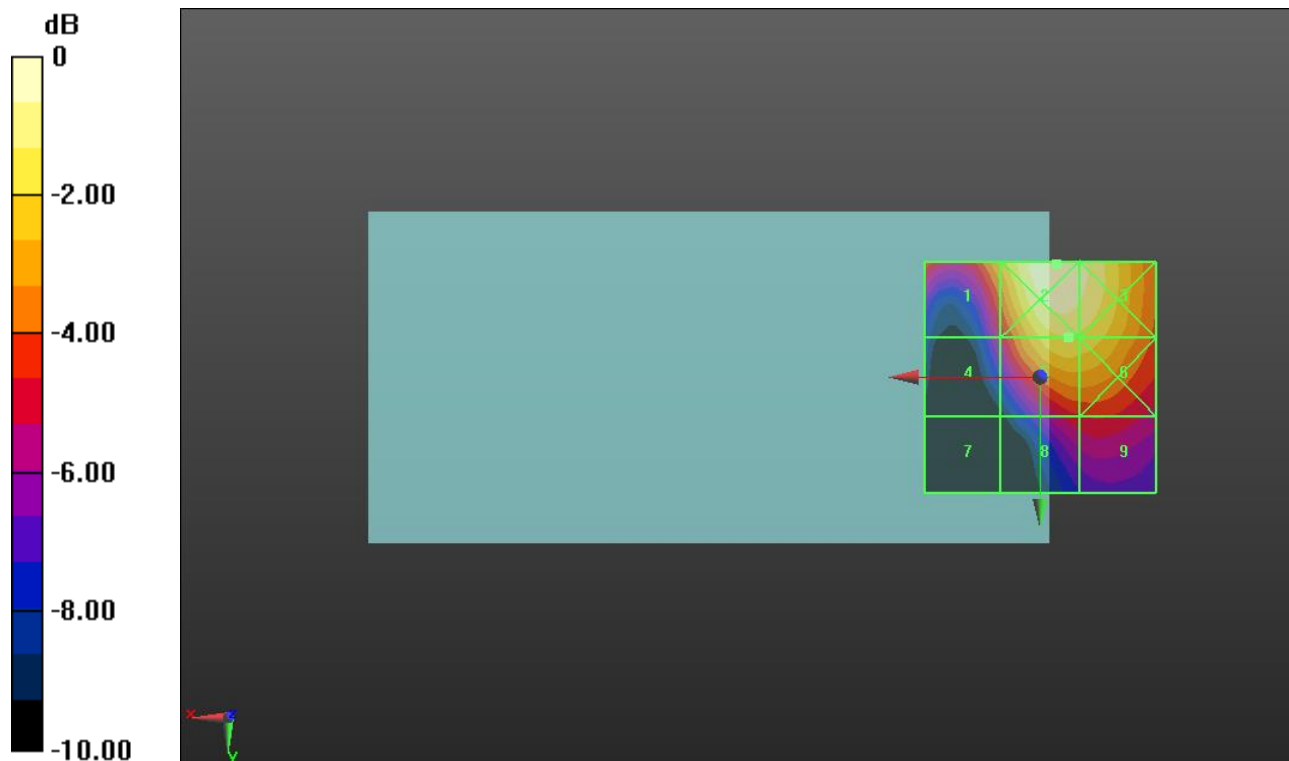
Applied MIF = -1.44 dB

RF audio interference level = 24.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.87 dBV/m	Grid 2 M4 26.28 dBV/m	Grid 3 M4 25.87 dBV/m
Grid 4 M4 20.95 dBV/m	Grid 5 M4 24.95 dBV/m	Grid 6 M4 24.81 dBV/m
Grid 7 M4 17.15 dBV/m	Grid 8 M4 21.54 dBV/m	Grid 9 M4 21.71 dBV/m



0 dB = 20.61 V/m = 26.28 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 = 20.45 V/m; Power Drift = -0.07 dB

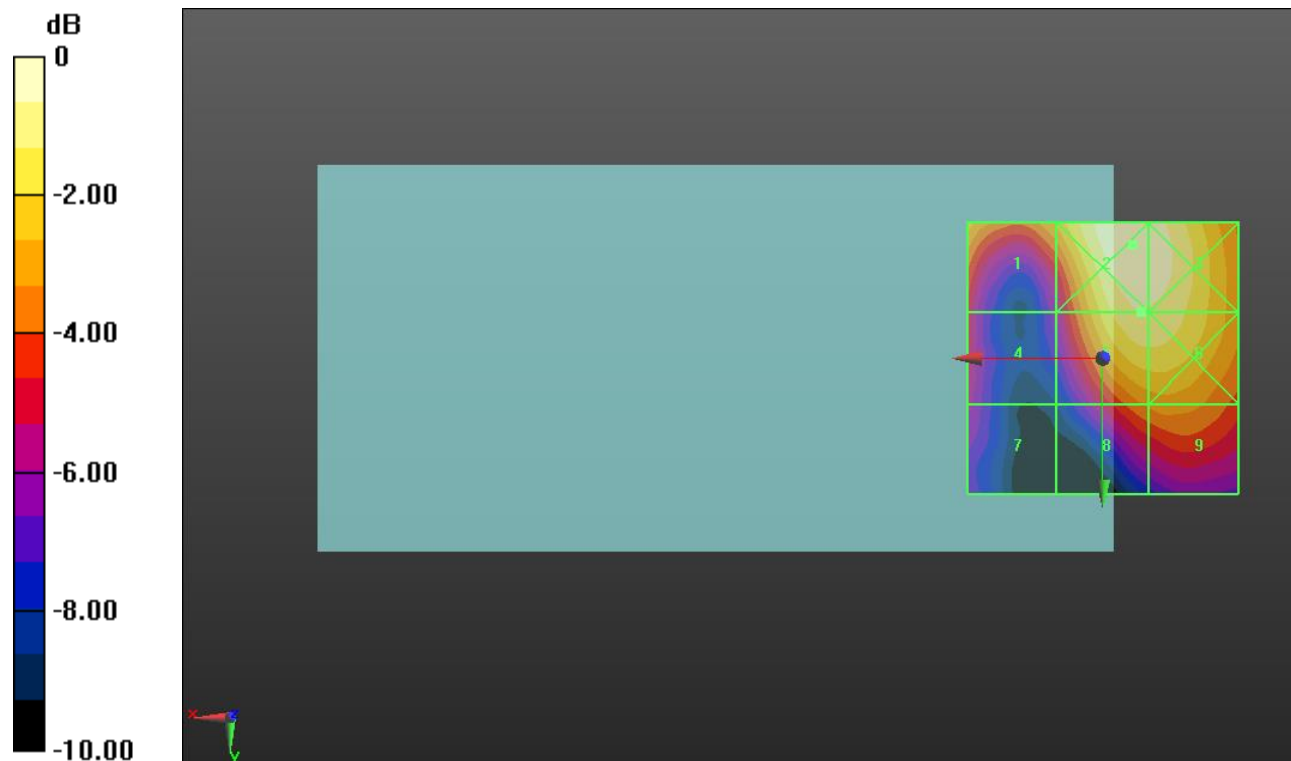
Applied MIF = -1.44 dB

RF audio interference level = 25.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.49 dBV/m	Grid 2 M4 25.73 dBV/m	Grid 3 M4 25.53 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 25.04 dBV/m	Grid 6 M4 25 dBV/m
Grid 7 M4 20.07 dBV/m	Grid 8 M4 22.56 dBV/m	Grid 9 M4 22.78 dBV/m



0 dB = 19.34 V/m = 25.73 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 = 19.95 V/m; Power Drift = 0.02 dB

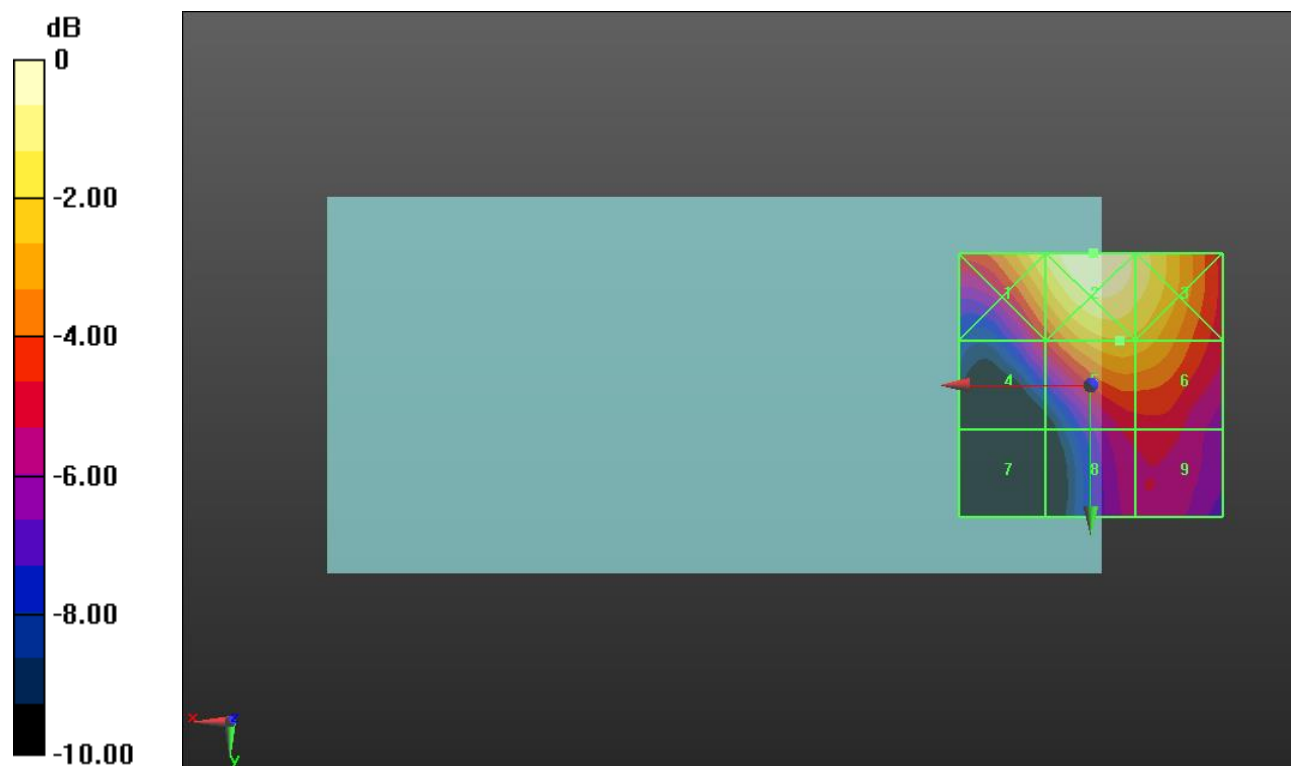
Applied MIF = -1.44 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.07 dBV/m	Grid 2 M4 27.23 dBV/m	Grid 3 M4 26.43 dBV/m
Grid 4 M4 22.66 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 25.03 dBV/m
Grid 7 M4 17.45 dBV/m	Grid 8 M4 22.19 dBV/m	Grid 9 M4 22.3 dBV/m



0 dB = 22.98 V/m = 27.23 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 = 21.46 V/m; Power Drift = -0.02 dB

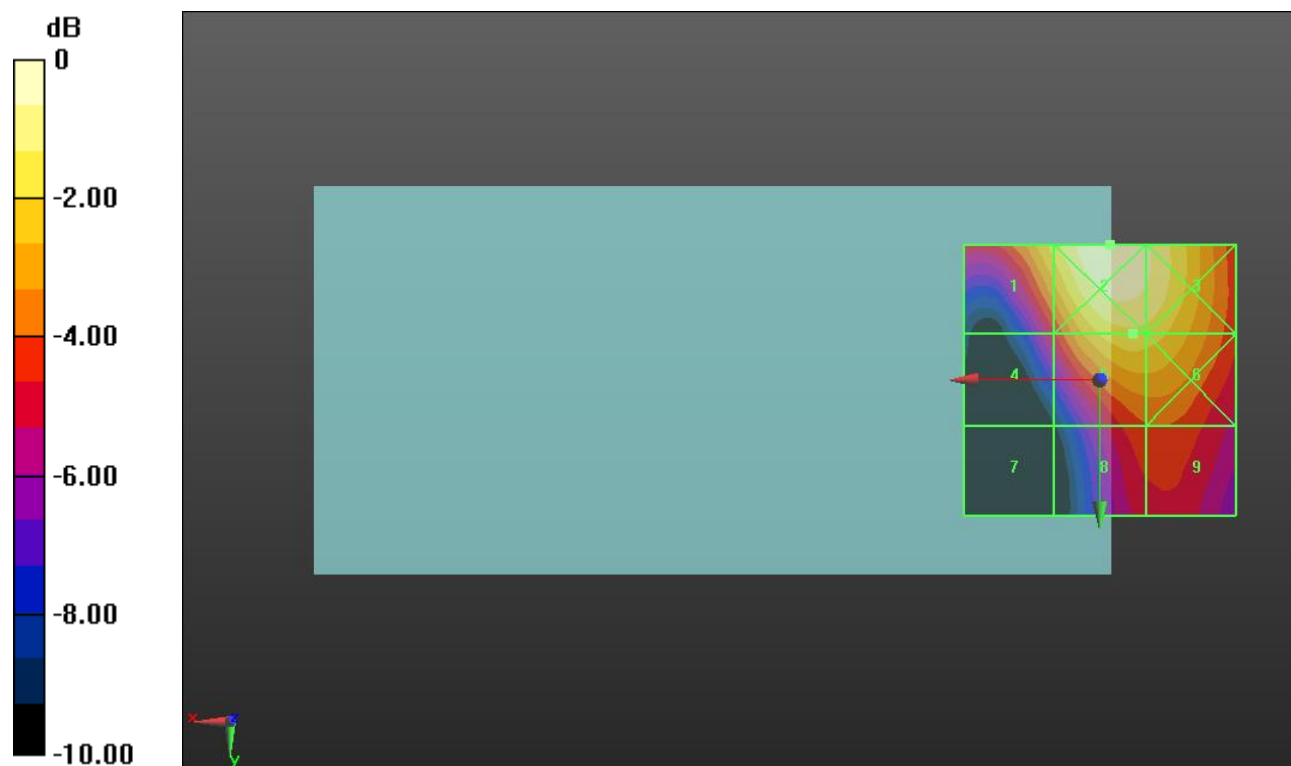
Applied MIF = -1.44 dB

RF audio interference level = 25.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.35 dBV/m	Grid 2 M4 27 dBV/m	Grid 3 M4 26.47 dBV/m
Grid 4 M4 22.21 dBV/m	Grid 5 M4 25.51 dBV/m	Grid 6 M4 25.41 dBV/m
Grid 7 M4 17.49 dBV/m	Grid 8 M4 22.95 dBV/m	Grid 9 M4 23.04 dBV/m



0 dB = 22.39 V/m = 27.00 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 = 19.77 V/m; Power Drift = -0.01 dB

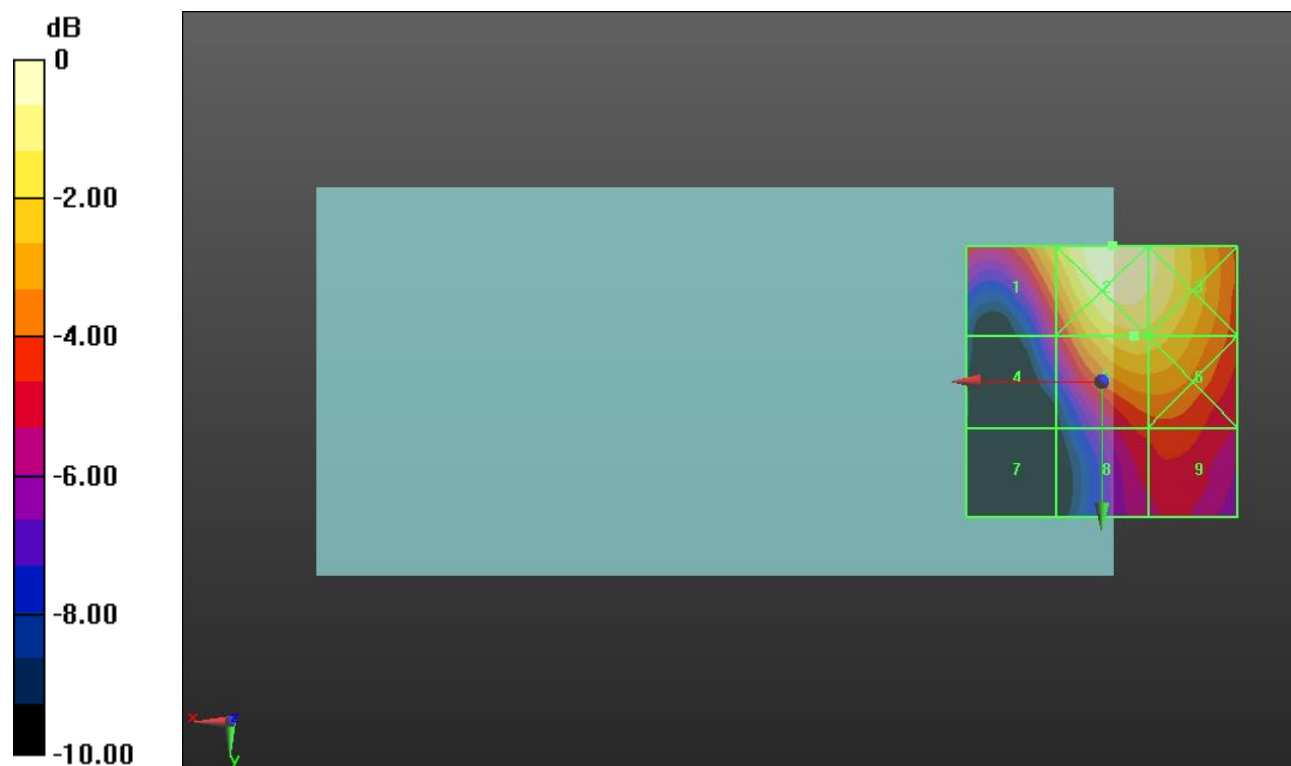
Applied MIF = -1.44 dB

RF audio interference level = 24.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.48 dBV/m	Grid 2 M4 26.39 dBV/m	Grid 3 M4 25.94 dBV/m
Grid 4 M4 21.05 dBV/m	Grid 5 M4 24.92 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 17.05 dBV/m	Grid 8 M4 22.01 dBV/m	Grid 9 M4 22.21 dBV/m



0 dB = 20.87 V/m = 26.39 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 = 19.95 V/m; Power Drift = -0.04 dB

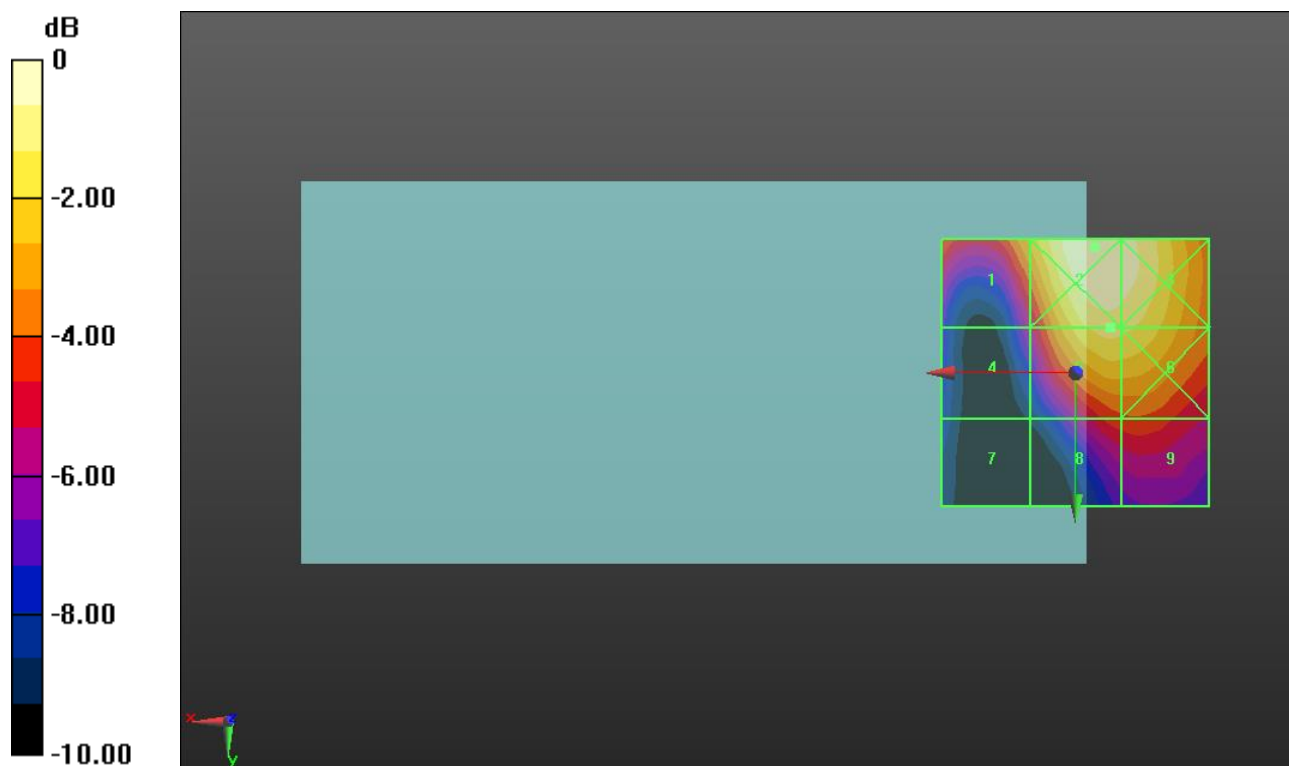
Applied MIF = -1.44 dB

RF audio interference level = 24.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.56 dBV/m	Grid 2 M4 26.01 dBV/m	Grid 3 M4 25.76 dBV/m
Grid 4 M4 20.37 dBV/m	Grid 5 M4 24.96 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M4 18.1 dBV/m	Grid 8 M4 21.83 dBV/m	Grid 9 M4 21.96 dBV/m



0 dB = 19.97 V/m = 26.01 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 = 19.23 V/m; Power Drift = -0.04 dB

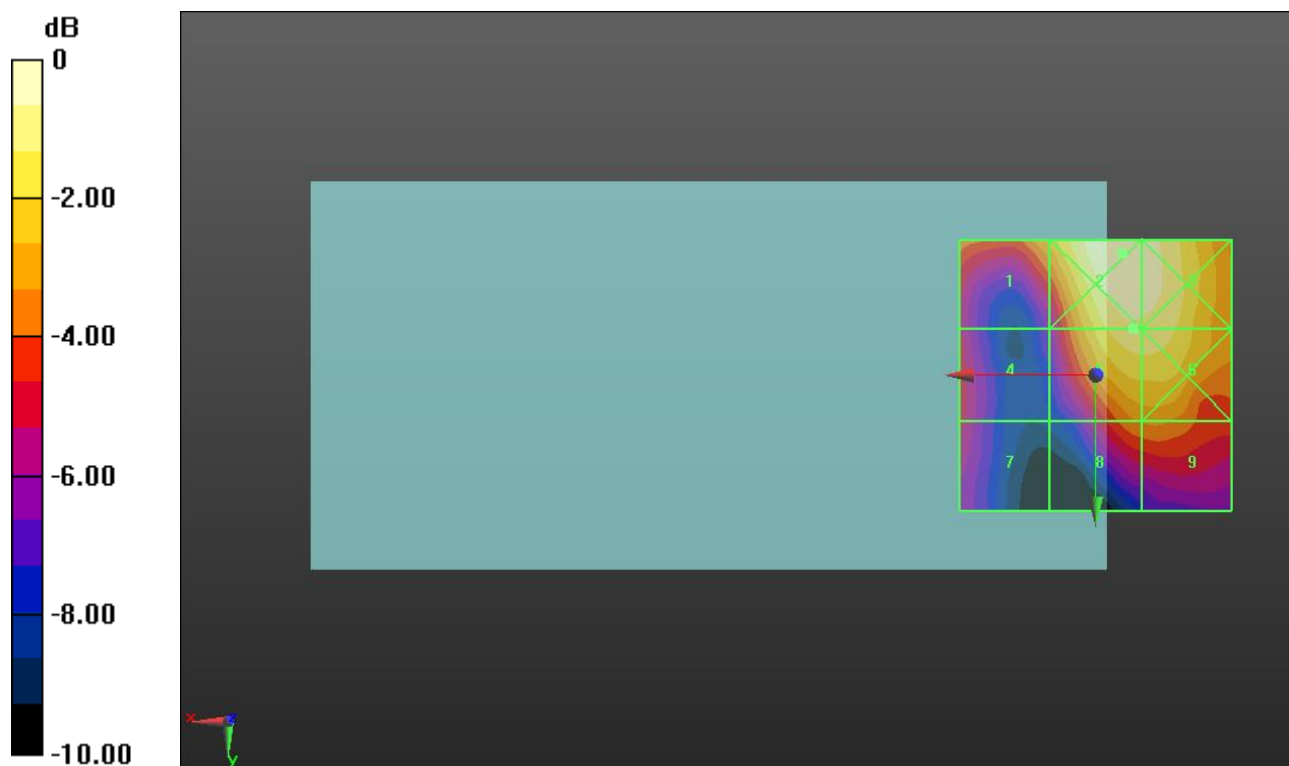
Applied MIF = -1.44 dB

RF audio interference level = 24.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.93 dBV/m	Grid 2 M4 25.34 dBV/m	Grid 3 M4 25.16 dBV/m
Grid 4 M4 20.46 dBV/m	Grid 5 M4 24.53 dBV/m	Grid 6 M4 24.5 dBV/m
Grid 7 M4 20.3 dBV/m	Grid 8 M4 22.08 dBV/m	Grid 9 M4 22.19 dBV/m



0 dB = 18.50 V/m = 25.34 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 - SN4028; ConvF(1, 1, 1) @ 2417 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)

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 = 15.50 V/m; Power Drift = -0.19 dB

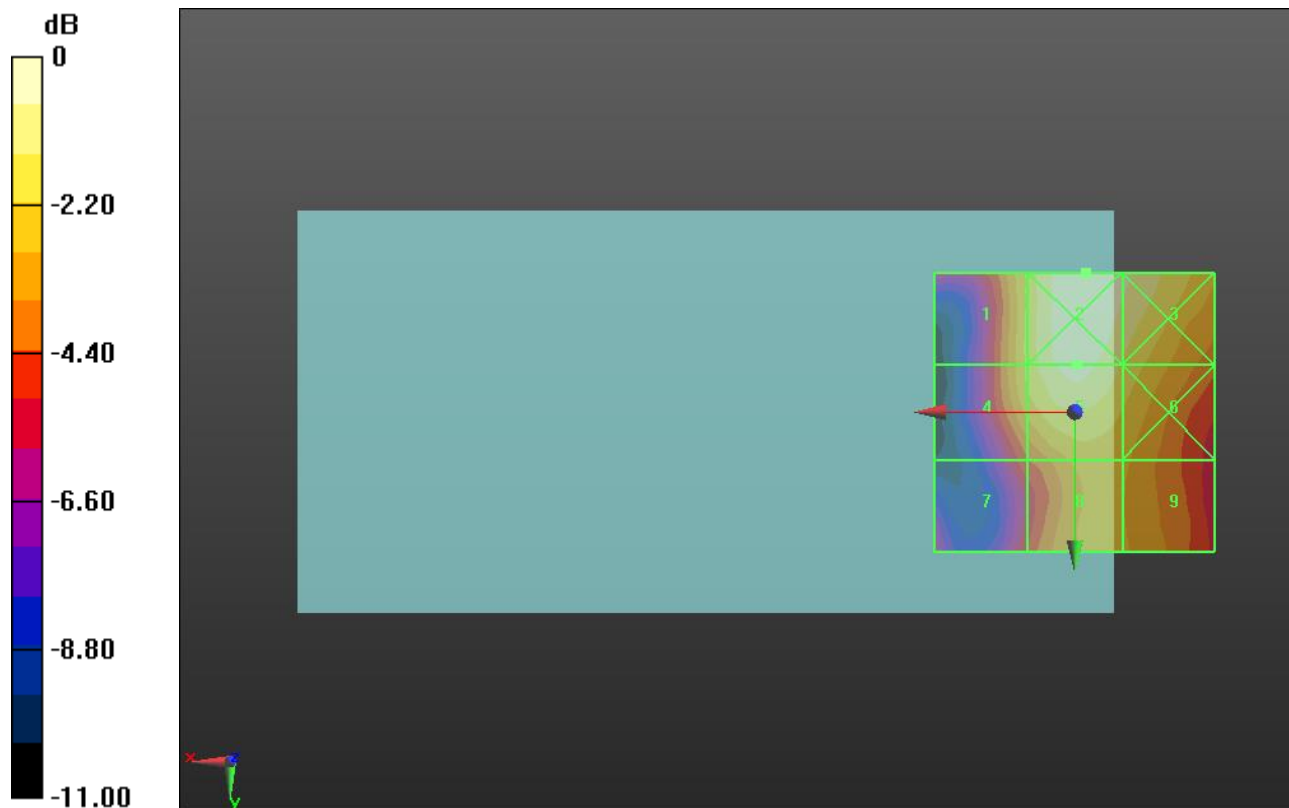
Applied MIF = -2.02 dB

RF audio interference level = 19.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.37 dBV/m	Grid 2 M4 20.32 dBV/m	Grid 3 M4 19.81 dBV/m
Grid 4 M4 18.33 dBV/m	Grid 5 M4 19.9 dBV/m	Grid 6 M4 18.79 dBV/m
Grid 7 M4 15.84 dBV/m	Grid 8 M4 17.77 dBV/m	Grid 9 M4 17.56 dBV/m



0 dB = 10.38 V/m = 20.32 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 - SN4028; ConvF(1, 1, 1) @ 2437 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)

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 = 14.71 V/m; Power Drift = -0.03 dB

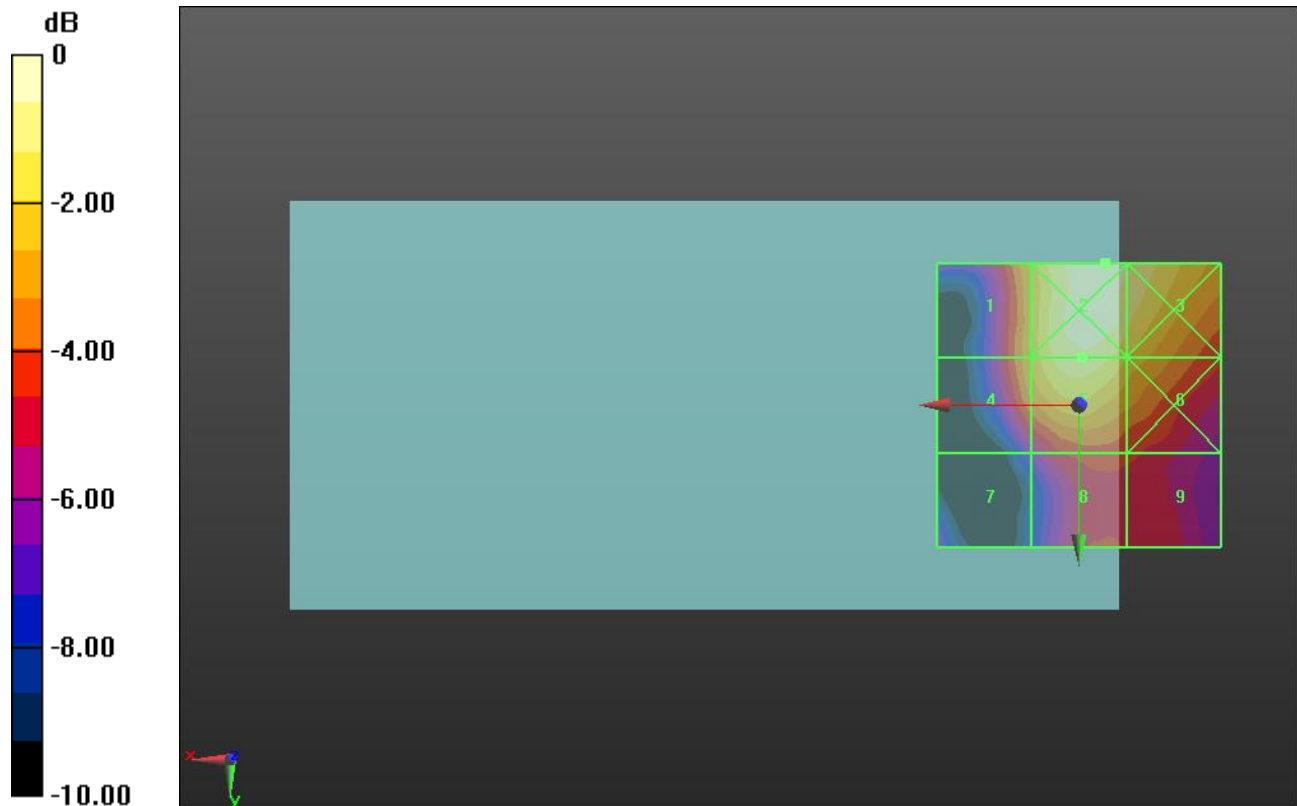
Applied MIF = -2.02 dB

RF audio interference level = 19.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.27 dBV/m	Grid 2 M4 20.68 dBV/m	Grid 3 M4 20.03 dBV/m
Grid 4 M4 18.11 dBV/m	Grid 5 M4 19.85 dBV/m	Grid 6 M4 18.73 dBV/m
Grid 7 M4 14.51 dBV/m	Grid 8 M4 16.42 dBV/m	Grid 9 M4 16.2 dBV/m



0 dB = 10.82 V/m = 20.68 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 - SN4028; ConvF(1, 1, 1) @ 2462 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)

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 = 17.06 V/m; Power Drift = -0.08 dB

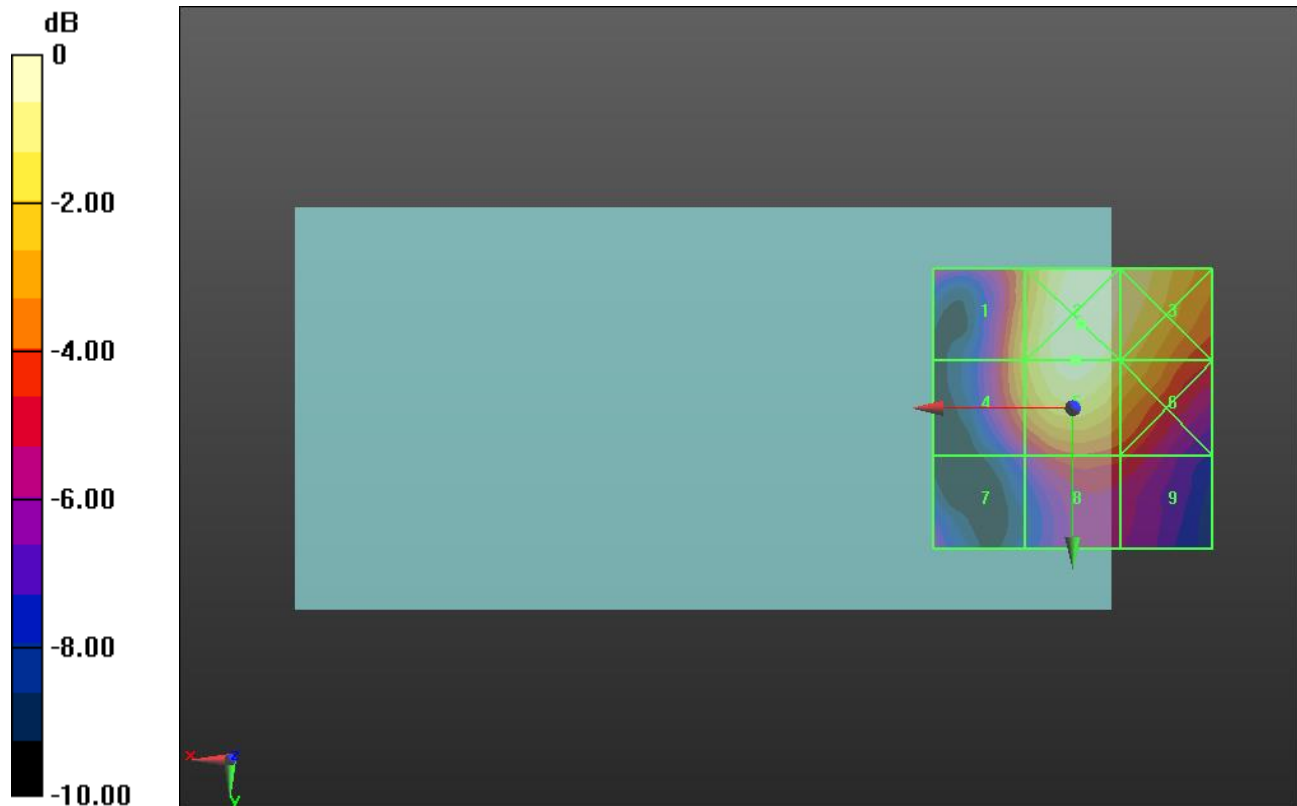
Applied MIF = -2.02 dB

RF audio interference level = 20.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.05 dBV/m	Grid 2 M4 21.16 dBV/m	Grid 3 M4 20.53 dBV/m
Grid 4 M4 19.02 dBV/m	Grid 5 M4 20.92 dBV/m	Grid 6 M4 19.68 dBV/m
Grid 7 M4 15.3 dBV/m	Grid 8 M4 17.1 dBV/m	Grid 9 M4 16.73 dBV/m



0 dB = 11.43 V/m = 21.16 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 - SN4028; ConvF(1, 1, 1) @ 2422 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)

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 = 13.83 V/m; Power Drift = -0.20 dB

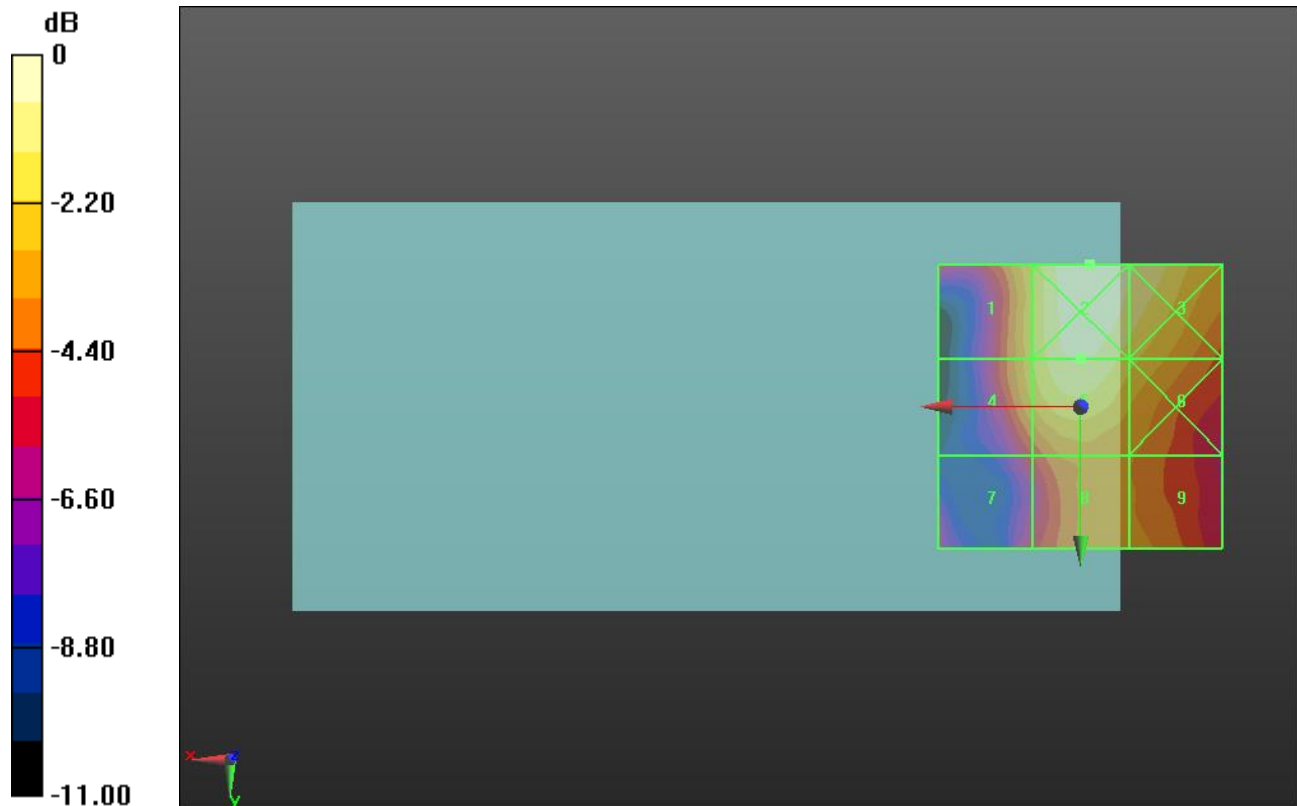
Applied MIF = 0.12 dB

RF audio interference level = 21.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.65 dBV/m	Grid 2 M4 21.66 dBV/m	Grid 3 M4 21.09 dBV/m
Grid 4 M4 19.39 dBV/m	Grid 5 M4 21.04 dBV/m	Grid 6 M4 19.79 dBV/m
Grid 7 M4 16.59 dBV/m	Grid 8 M4 18.52 dBV/m	Grid 9 M4 18.39 dBV/m



0 dB = 12.11 V/m = 21.66 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 - SN4028; ConvF(1, 1, 1) @ 2437 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)

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 = 13.75 V/m; Power Drift = 0.04 dB

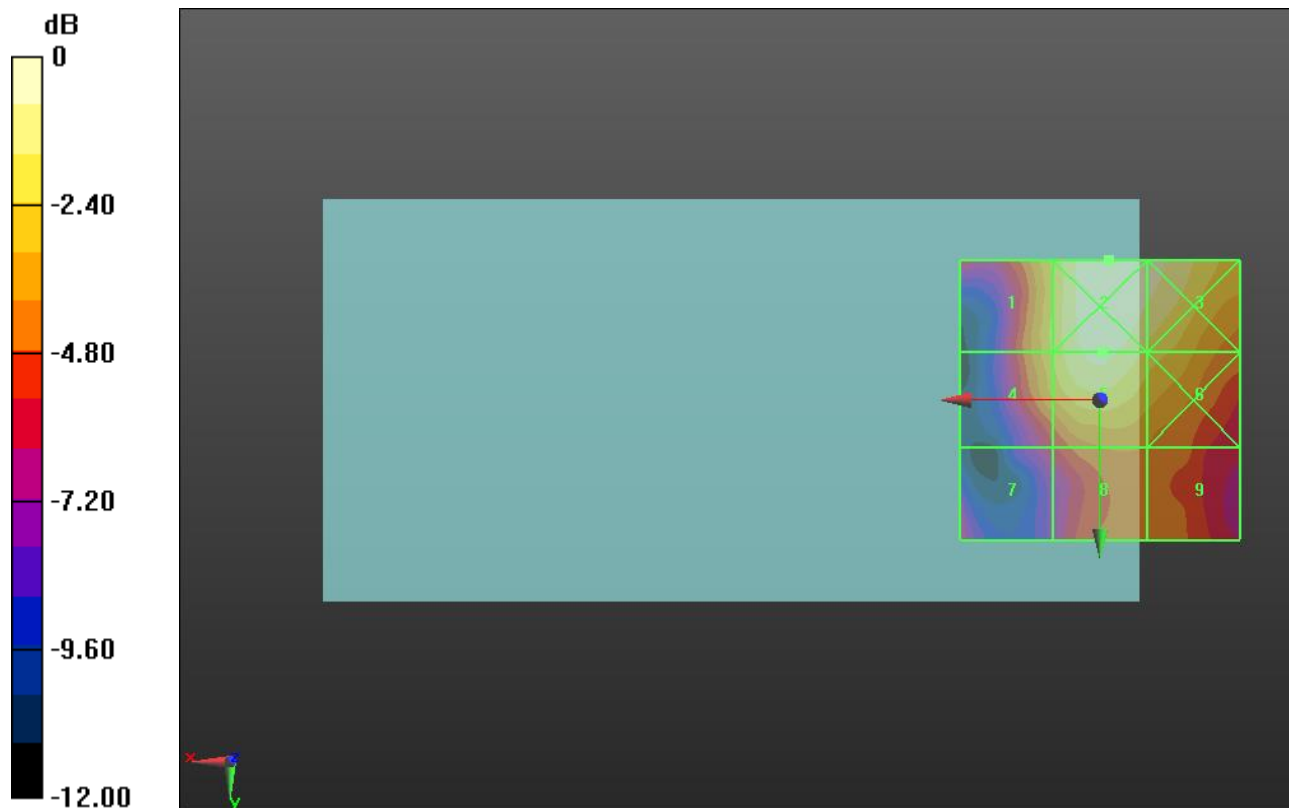
Applied MIF = 0.12 dB

RF audio interference level = 21.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.89 dBV/m	Grid 2 M4 22.03 dBV/m	Grid 3 M4 21.58 dBV/m
Grid 4 M4 19.76 dBV/m	Grid 5 M4 21.42 dBV/m	Grid 6 M4 20.22 dBV/m
Grid 7 M4 16.15 dBV/m	Grid 8 M4 18.15 dBV/m	Grid 9 M4 18 dBV/m



0 dB = 12.63 V/m = 22.03 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 - SN4028; ConvF(1, 1, 1) @ 2452 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)

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 = 16.59 V/m; Power Drift = -0.14 dB

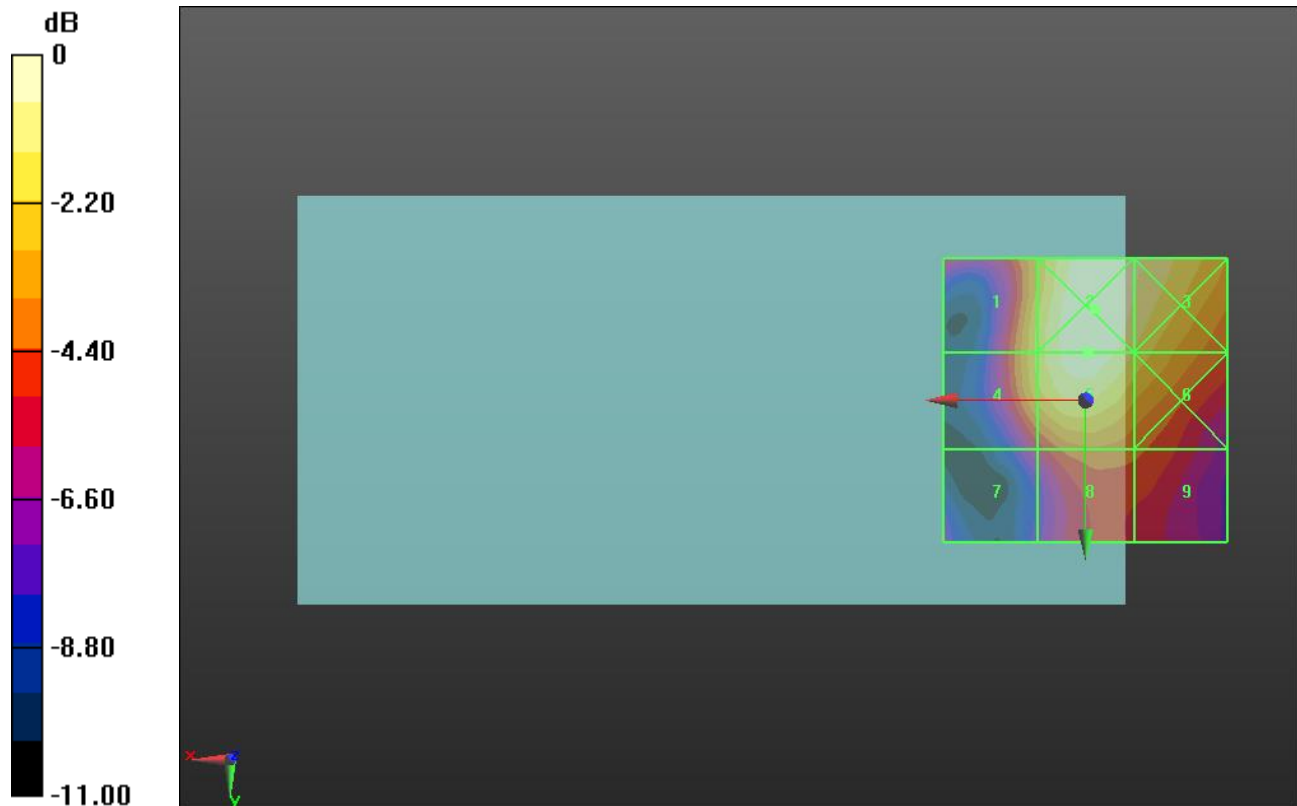
Applied MIF = 0.12 dB

RF audio interference level = 22.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.03 dBV/m	Grid 2 M4 22.96 dBV/m	Grid 3 M4 22.39 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 22.73 dBV/m	Grid 6 M4 21.43 dBV/m
Grid 7 M4 17.29 dBV/m	Grid 8 M4 19.24 dBV/m	Grid 9 M4 18.82 dBV/m



0 dB = 14.06 V/m = 22.96 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 = 21.34 V/m; Power Drift = -0.13 dB

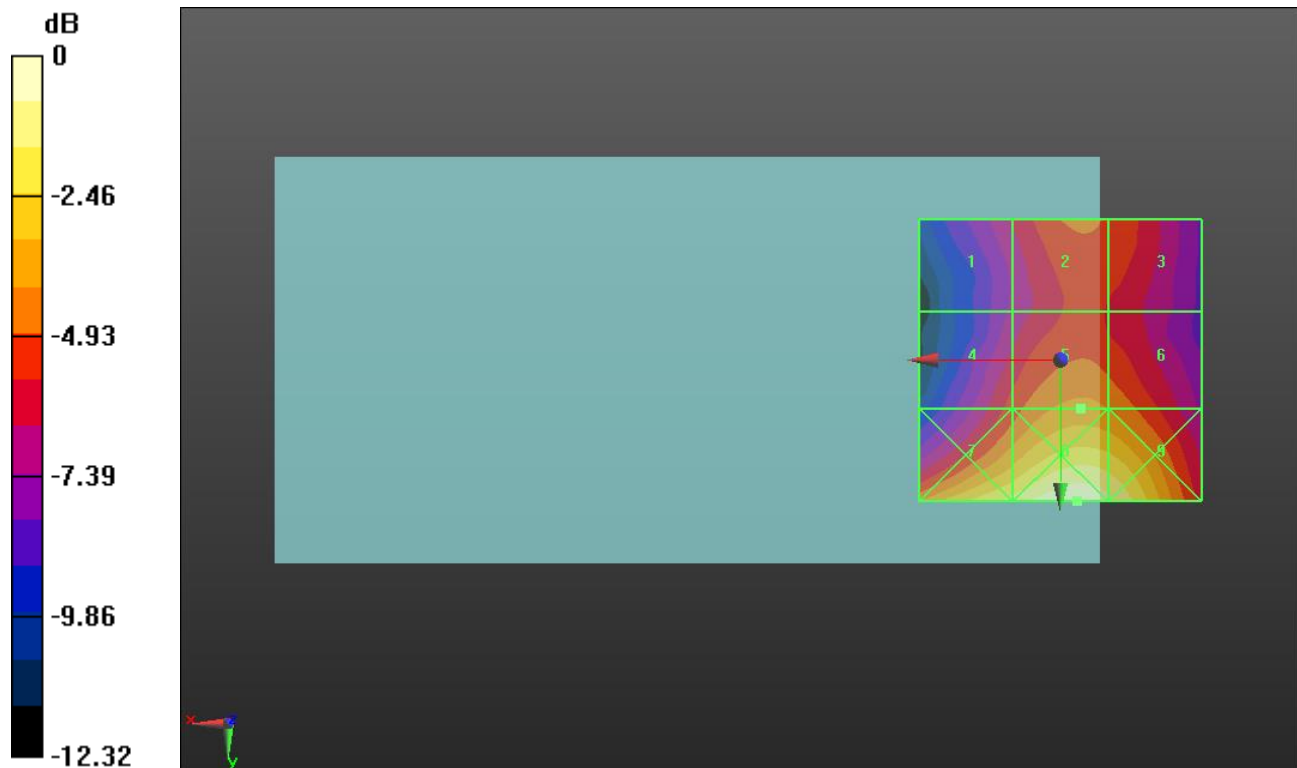
Applied MIF = 3.63 dB

RF audio interference level = 28.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.29 dBV/m	Grid 2 M4 28 dBV/m	Grid 3 M4 27.68 dBV/m
Grid 4 M4 27.4 dBV/m	Grid 5 M4 28.91 dBV/m	Grid 6 M4 28.61 dBV/m
Grid 7 M3 31.5 dBV/m	Grid 8 M3 32.72 dBV/m	Grid 9 M3 32.14 dBV/m



0 dB = 43.27 V/m = 32.72 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 = 21.18 V/m; Power Drift = 0.02 dB

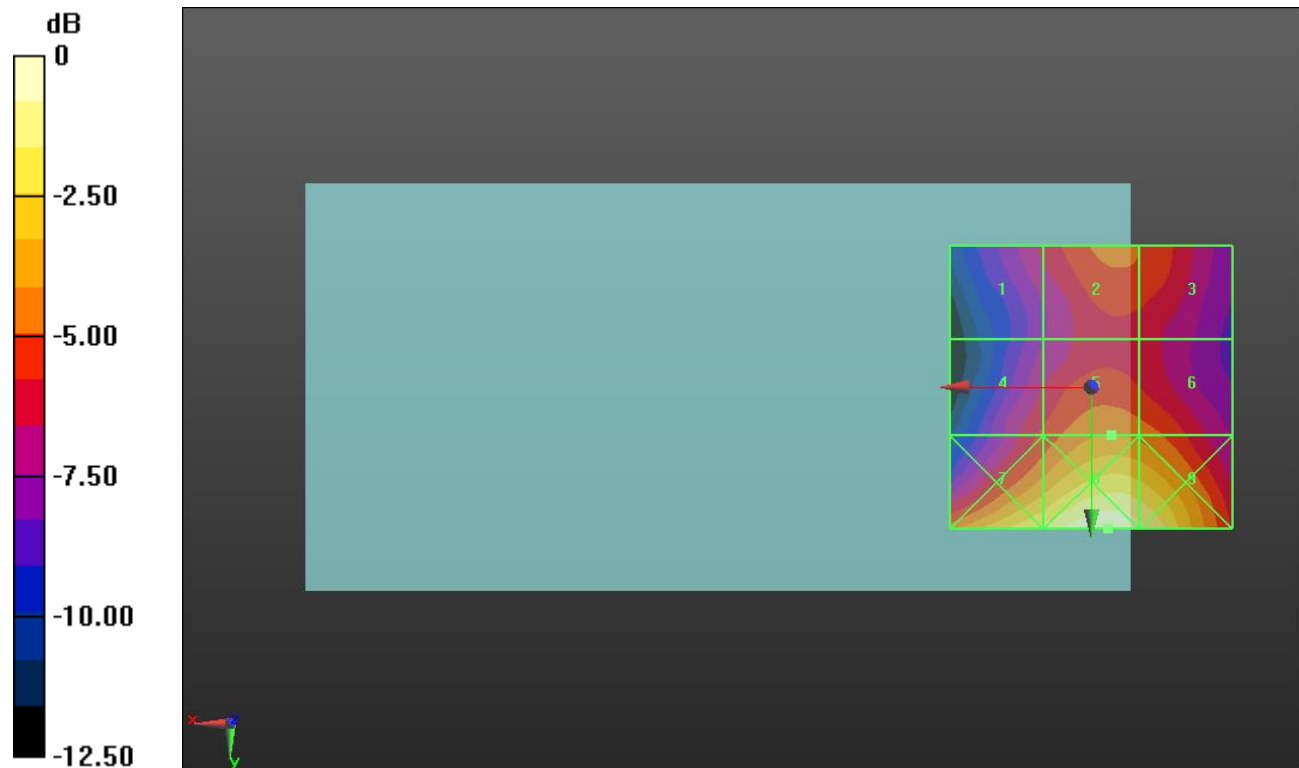
Applied MIF = 3.63 dB

RF audio interference level = 29.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.78 dBV/m	Grid 2 M4 28.52 dBV/m	Grid 3 M4 28.19 dBV/m
Grid 4 M4 27.62 dBV/m	Grid 5 M4 29.09 dBV/m	Grid 6 M4 28.8 dBV/m
Grid 7 M3 31.83 dBV/m	Grid 8 M3 33.18 dBV/m	Grid 9 M3 32.63 dBV/m



0 dB = 45.61 V/m = 33.18 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 = 19.64 V/m; Power Drift = 0.01 dB

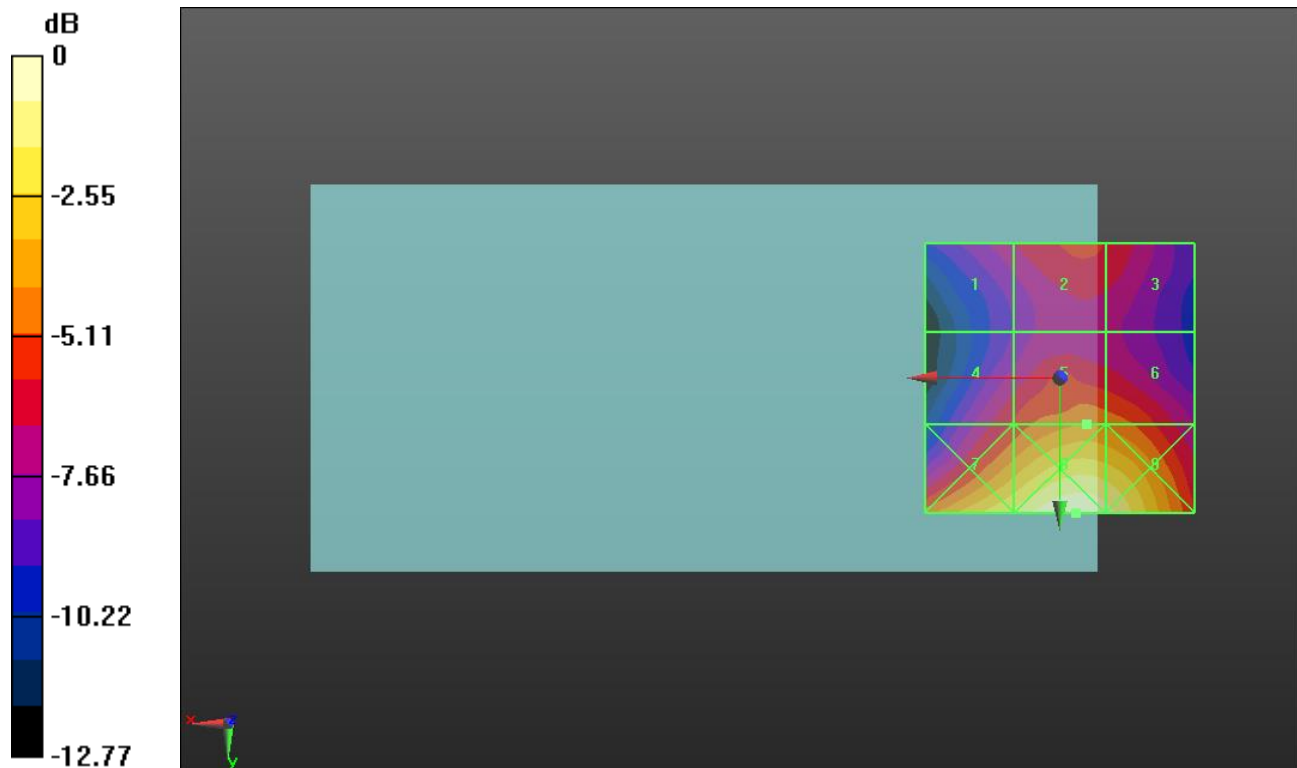
Applied MIF = 3.63 dB

RF audio interference level = 28.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.34 dBV/m	Grid 2 M4 27.62 dBV/m	Grid 3 M4 27.14 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M4 28.92 dBV/m	Grid 6 M4 28.71 dBV/m
Grid 7 M3 31.73 dBV/m	Grid 8 M3 33.15 dBV/m	Grid 9 M3 32.63 dBV/m



0 dB = 45.44 V/m = 33.15 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 = 16.79 V/m; Power Drift = -0.10 dB

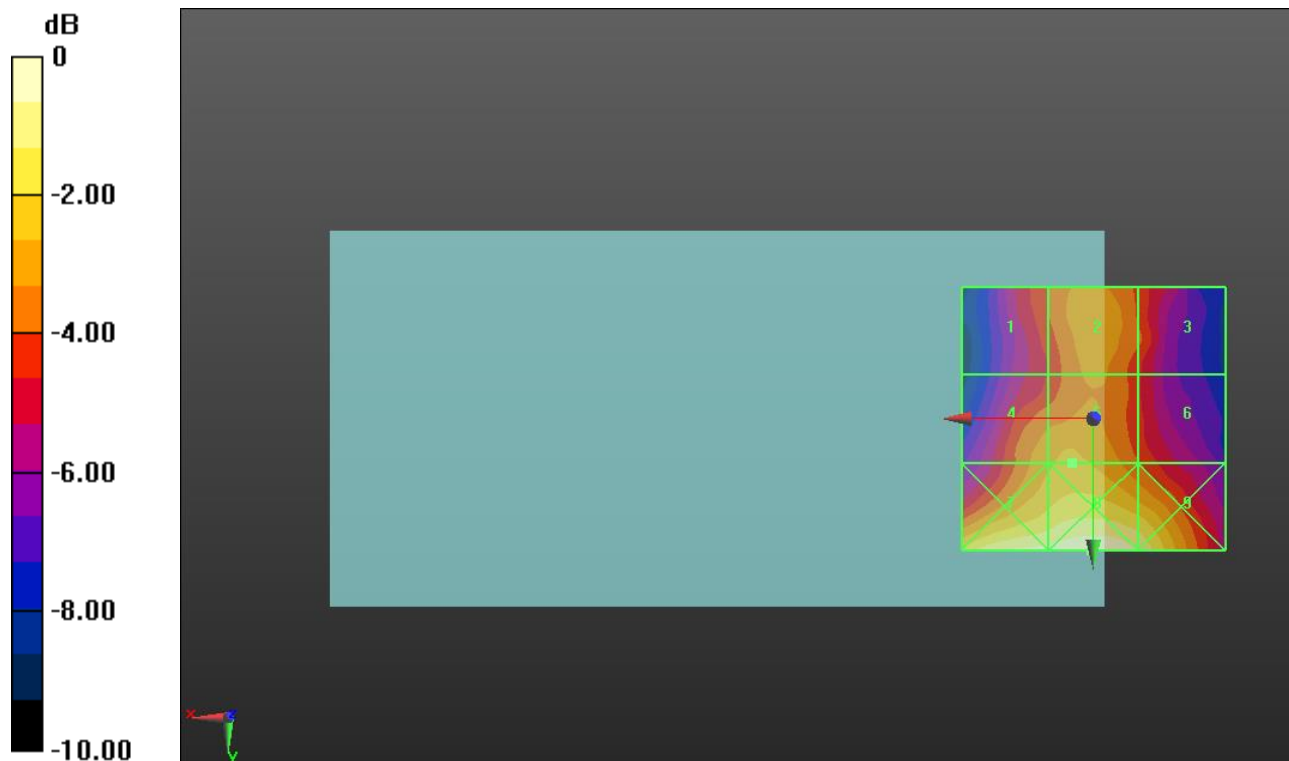
Applied MIF = -1.44 dB

RF audio interference level = 21.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.8 dBV/m	Grid 2 M4 20.94 dBV/m	Grid 3 M4 19.87 dBV/m
Grid 4 M4 20.94 dBV/m	Grid 5 M4 21.21 dBV/m	Grid 6 M4 19.8 dBV/m
Grid 7 M4 23.4 dBV/m	Grid 8 M4 23.71 dBV/m	Grid 9 M4 23.01 dBV/m



0 dB = 15.33 V/m = 23.71 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 = 16.56 V/m; Power Drift = 0.01 dB

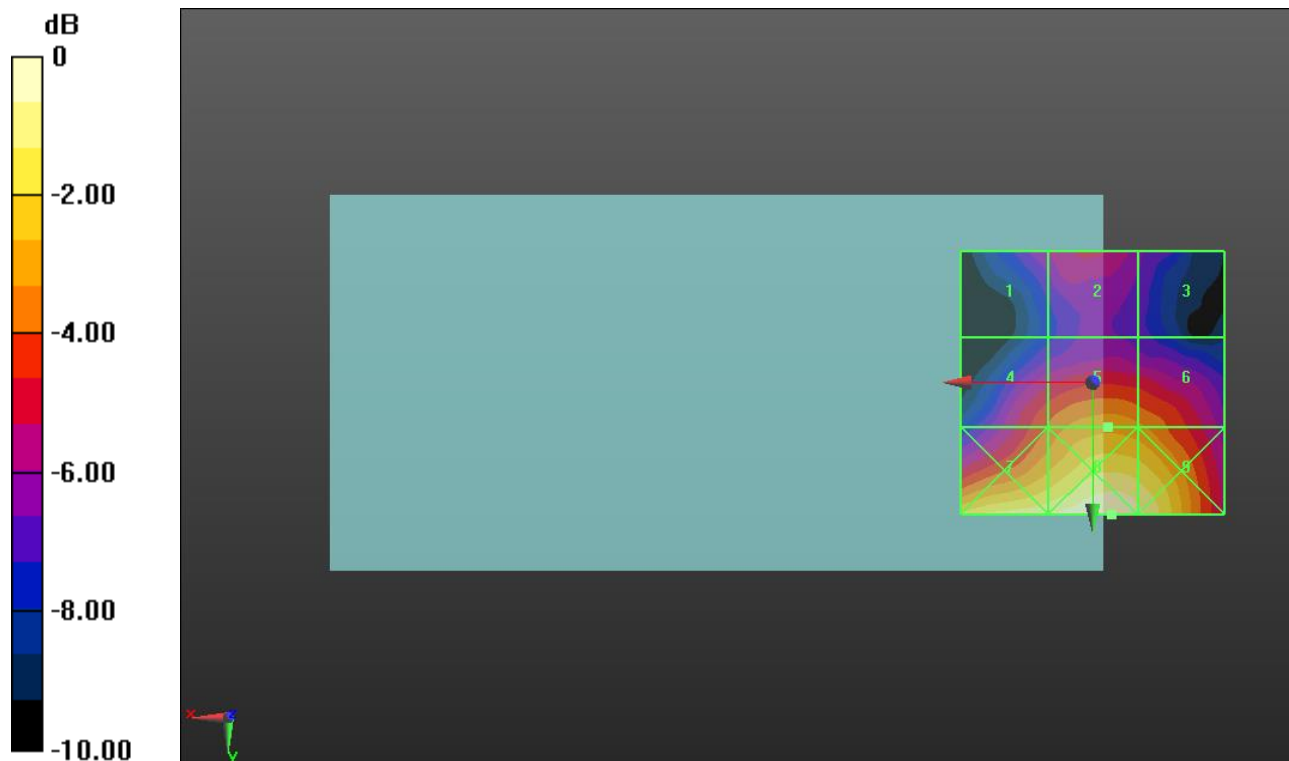
Applied MIF = -1.44 dB

RF audio interference level = 21.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.73 dBV/m	Grid 2 M4 19.47 dBV/m	Grid 3 M4 18.16 dBV/m
Grid 4 M4 20.65 dBV/m	Grid 5 M4 21.72 dBV/m	Grid 6 M4 21.44 dBV/m
Grid 7 M4 23.86 dBV/m	Grid 8 M4 24.57 dBV/m	Grid 9 M4 24.12 dBV/m



0 dB = 16.93 V/m = 24.57 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 = 17.13 V/m; Power Drift = -0.03 dB

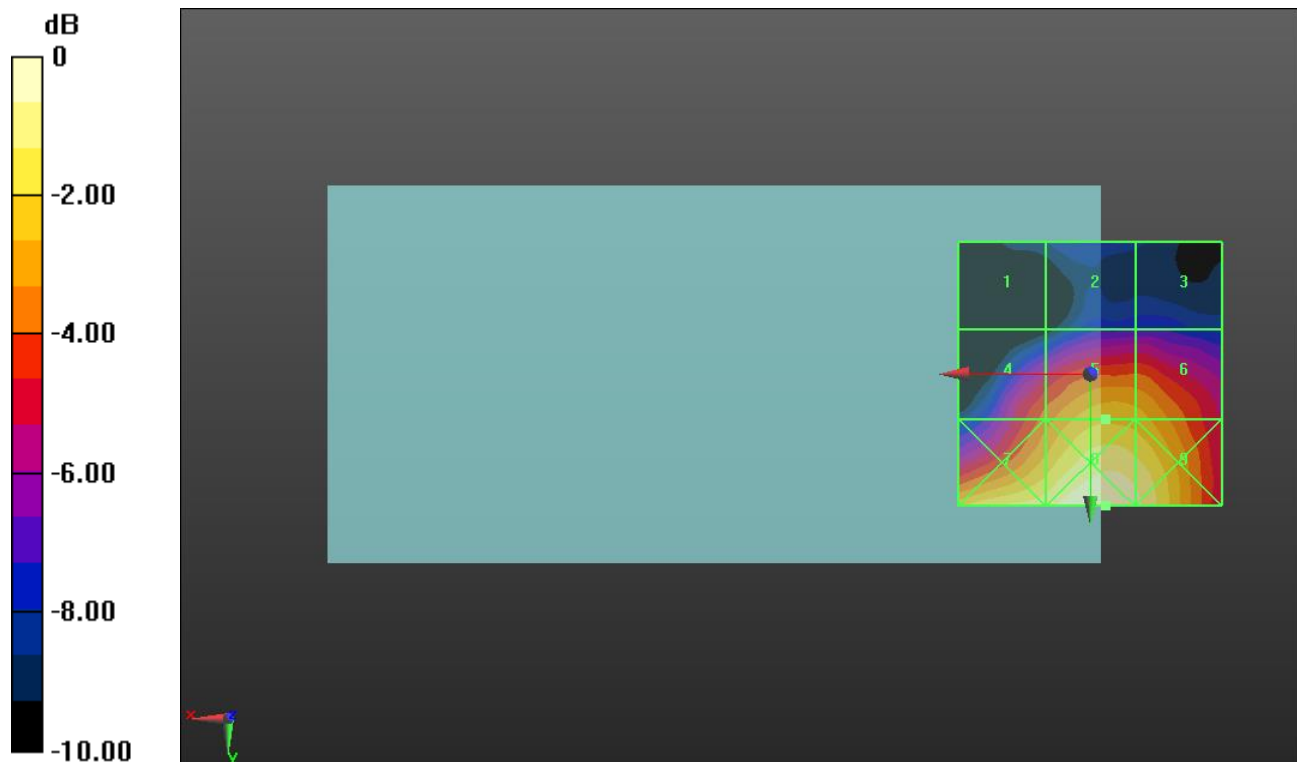
Applied MIF = -1.44 dB

RF audio interference level = 22.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.99 dBV/m	Grid 2 M4 17.45 dBV/m	Grid 3 M4 17.46 dBV/m
Grid 4 M4 21 dBV/m	Grid 5 M4 22.54 dBV/m	Grid 6 M4 22.35 dBV/m
Grid 7 M4 23.83 dBV/m	Grid 8 M4 24.66 dBV/m	Grid 9 M4 24.22 dBV/m



0 dB = 17.11 V/m = 24.67 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 = 17.55 V/m; Power Drift = -0.02 dB

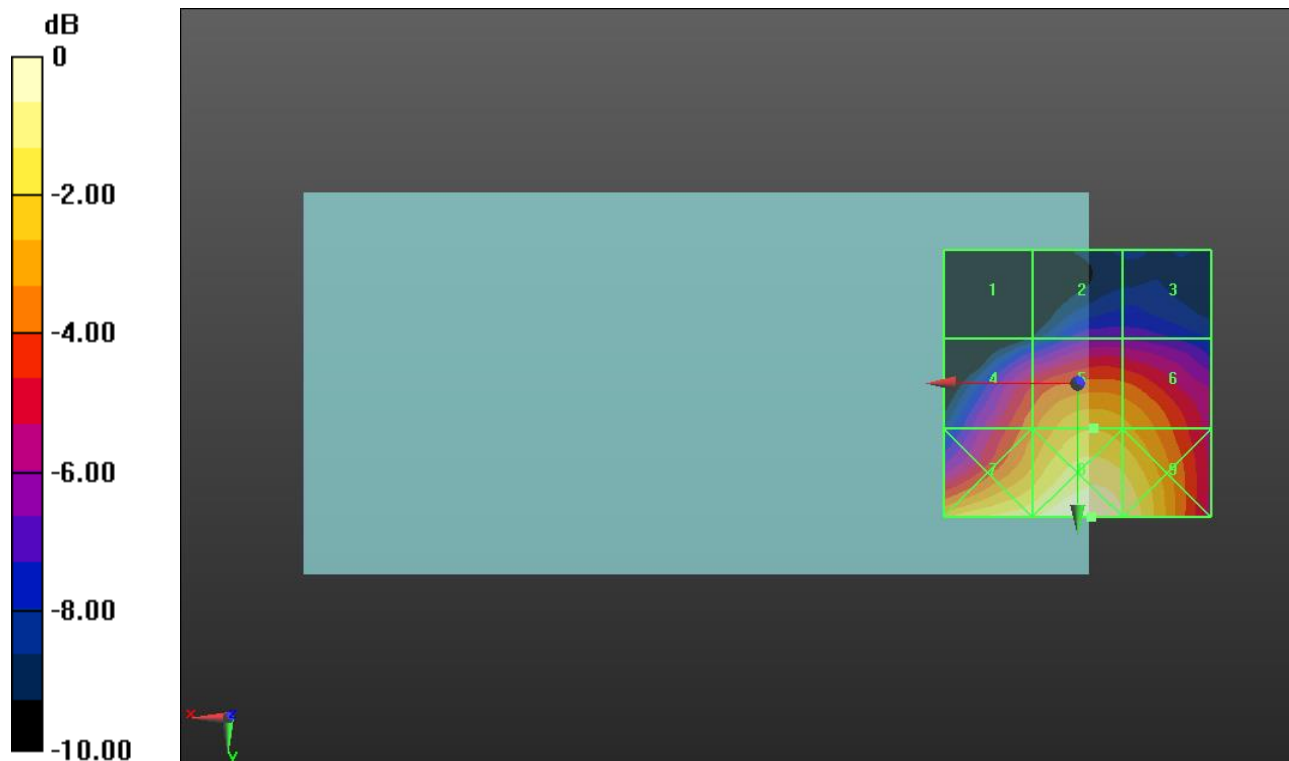
Applied MIF = -1.44 dB

RF audio interference level = 22.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.3 dBV/m	Grid 2 M4 17.81 dBV/m	Grid 3 M4 17.76 dBV/m
Grid 4 M4 20.97 dBV/m	Grid 5 M4 22.43 dBV/m	Grid 6 M4 22.05 dBV/m
Grid 7 M4 23.71 dBV/m	Grid 8 M4 24.46 dBV/m	Grid 9 M4 23.89 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_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 = 19.26 V/m; Power Drift = -0.05 dB

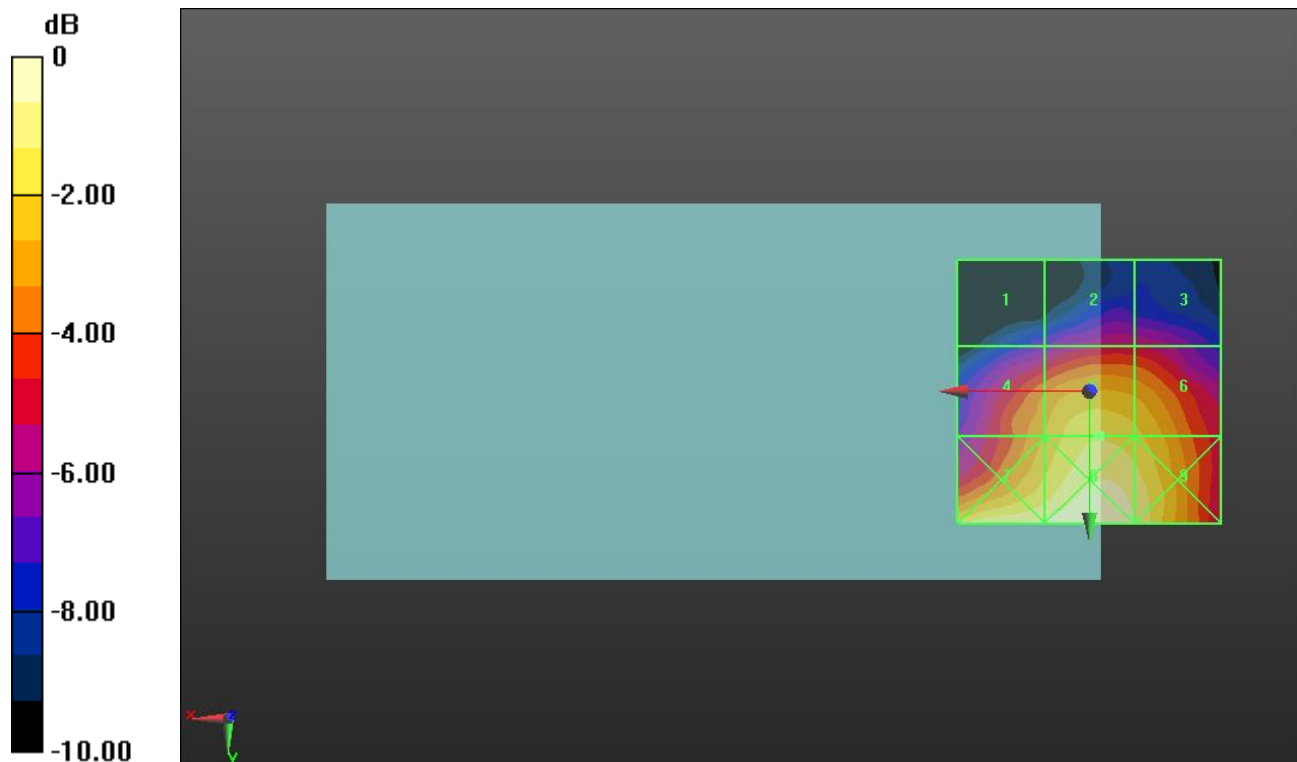
Applied MIF = -1.44 dB

RF audio interference level = 22.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.57 dBV/m	Grid 2 M4 18.99 dBV/m	Grid 3 M4 18.89 dBV/m
Grid 4 M4 21.55 dBV/m	Grid 5 M4 22.75 dBV/m	Grid 6 M4 22.38 dBV/m
Grid 7 M4 23.67 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 23.48 dBV/m



0 dB = 16.11 V/m = 24.14 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 - SN4041; ConvF(1, 1, 1) @ 3560 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 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 = 14.86 V/m; Power Drift = 0.03 dB

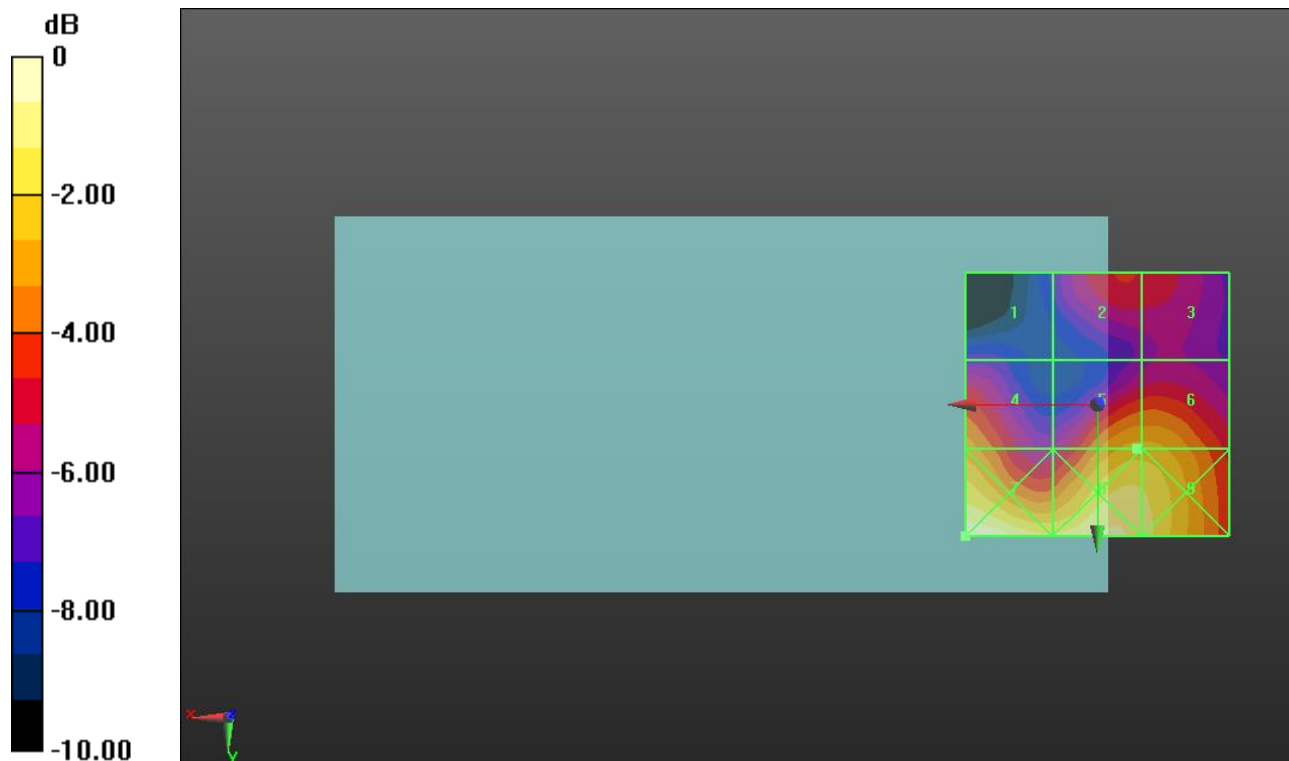
Applied MIF = -1.44 dB

RF audio interference level = 23.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.56 dBV/m	Grid 2 M4 20.87 dBV/m	Grid 3 M4 20.68 dBV/m
Grid 4 M4 22.5 dBV/m	Grid 5 M4 23.08 dBV/m	Grid 6 M4 23.07 dBV/m
Grid 7 M4 25.44 dBV/m	Grid 8 M4 24.89 dBV/m	Grid 9 M4 24.47 dBV/m



0 dB = 18.71 V/m = 25.44 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 - SN4041; ConvF(1, 1, 1) @ 3603.3 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)

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 = 16.63 V/m; Power Drift = 0.10 dB

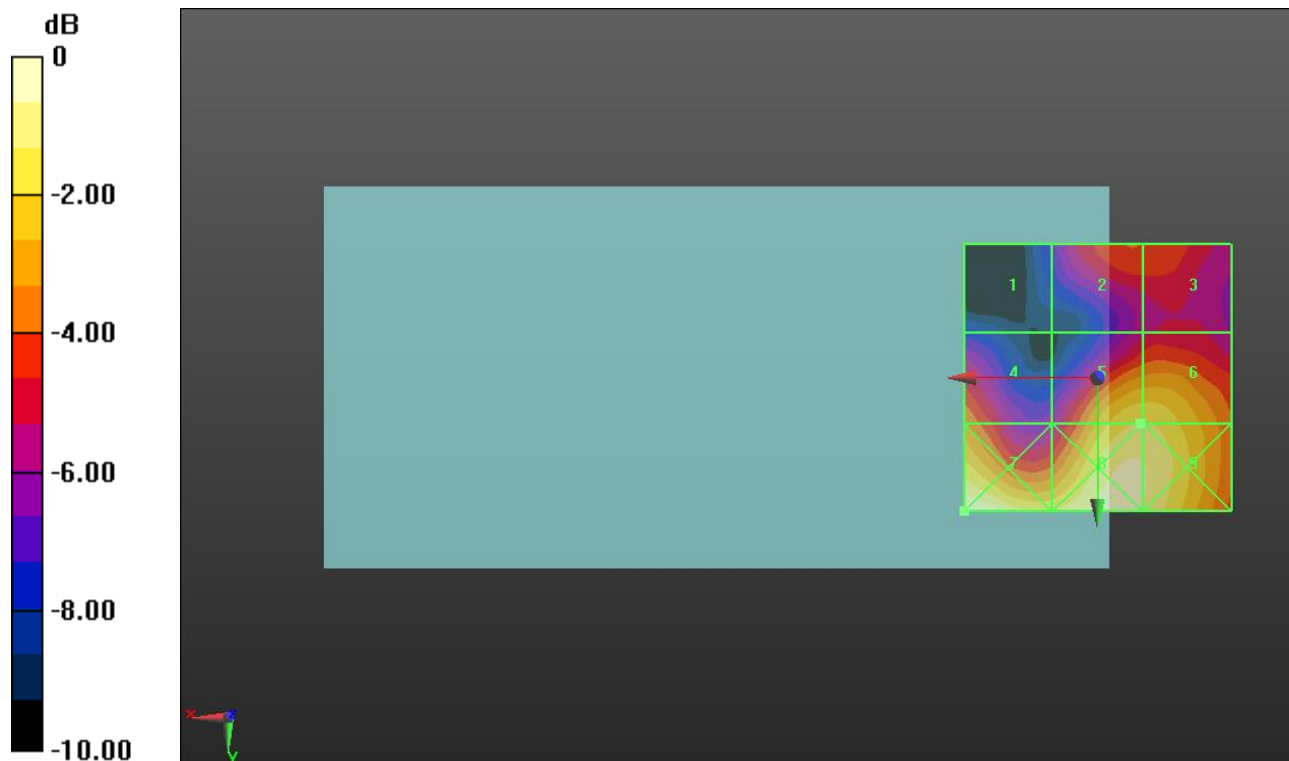
Applied MIF = -1.44 dB

RF audio interference level = 23.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.97 dBV/m	Grid 2 M4 21.02 dBV/m	Grid 3 M4 20.94 dBV/m
Grid 4 M4 21.75 dBV/m	Grid 5 M4 23.65 dBV/m	Grid 6 M4 23.64 dBV/m
Grid 7 M4 24.97 dBV/m	Grid 8 M4 24.61 dBV/m	Grid 9 M4 24.36 dBV/m



0 dB = 17.71 V/m = 24.96 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 = 18.47 V/m; Power Drift = 0.00 dB

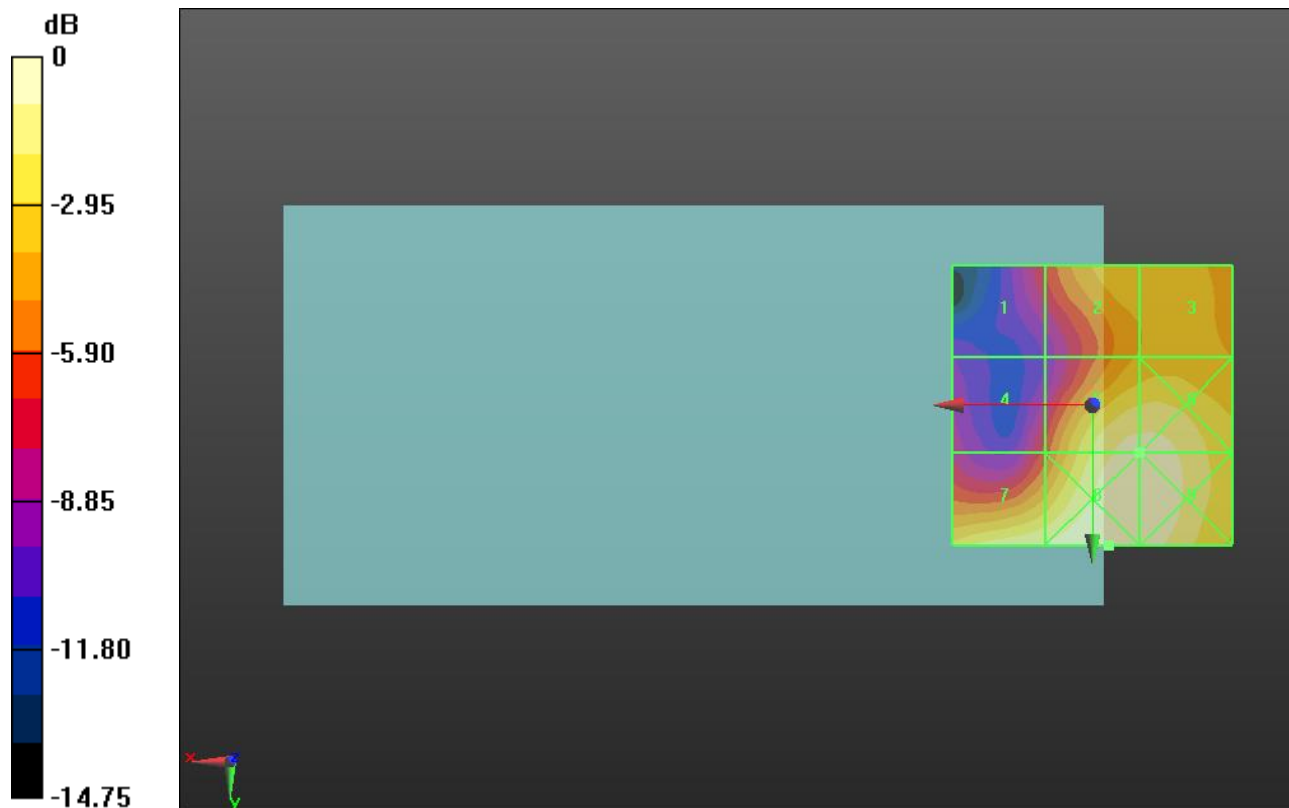
Applied MIF = -1.44 dB

RF audio interference level = 24.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.84 dBV/m	Grid 2 M4 21.54 dBV/m	Grid 3 M4 21.54 dBV/m
Grid 4 M4 18.16 dBV/m	Grid 5 M4 24.01 dBV/m	Grid 6 M4 24.02 dBV/m
Grid 7 M4 23.77 dBV/m	Grid 8 M4 24.55 dBV/m	Grid 9 M4 24.42 dBV/m



0 dB = 16.89 V/m = 24.55 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 - SN4041; ConvF(1, 1, 1) @ 3690 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 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 = 18.52 V/m; Power Drift = 0.14 dB

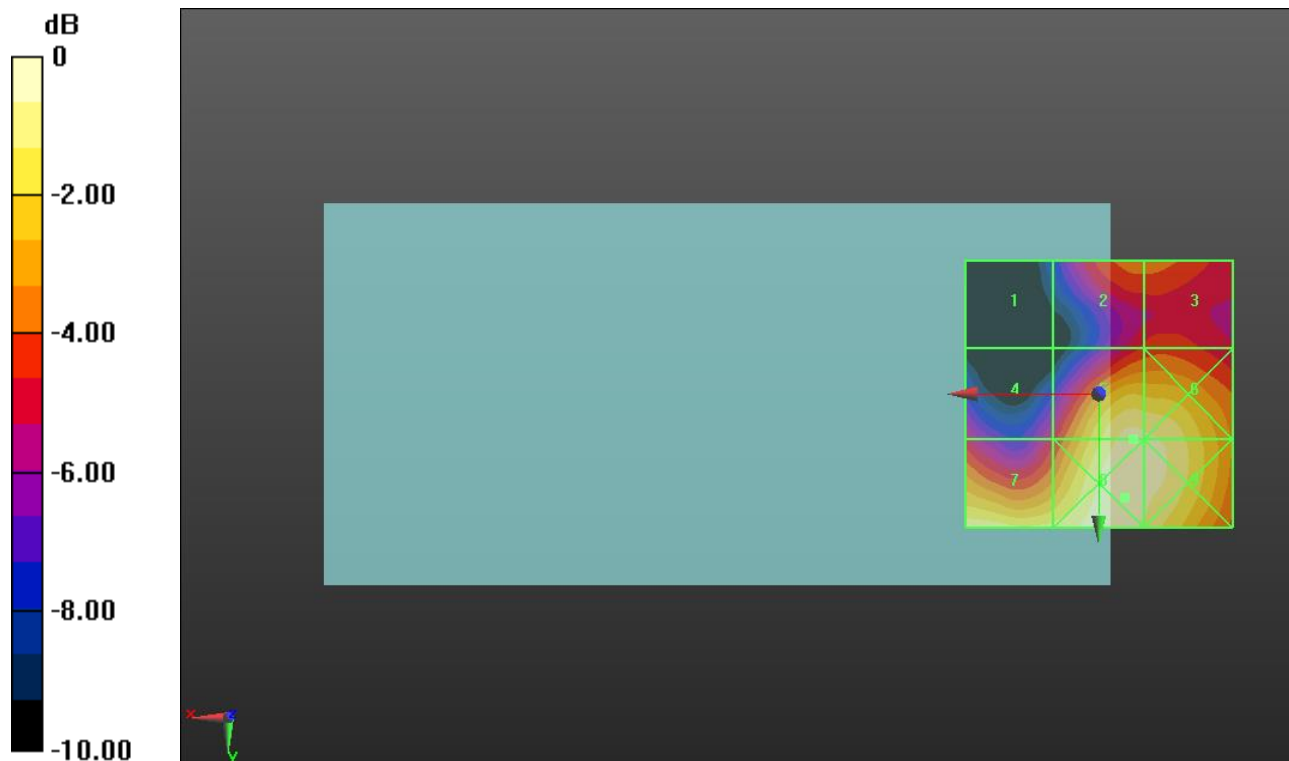
Applied MIF = -1.44 dB

RF audio interference level = 23.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.34 dBV/m	Grid 2 M4 20.6 dBV/m	Grid 3 M4 20.59 dBV/m
Grid 4 M4 19.27 dBV/m	Grid 5 M4 23.85 dBV/m	Grid 6 M4 23.75 dBV/m
Grid 7 M4 23.4 dBV/m	Grid 8 M4 24.22 dBV/m	Grid 9 M4 23.98 dBV/m



0 dB = 16.26 V/m = 24.22 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 - SN4028; ConvF(1, 1, 1) @ 2417 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)

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 = 19.85 V/m; Power Drift = -0.09 dB

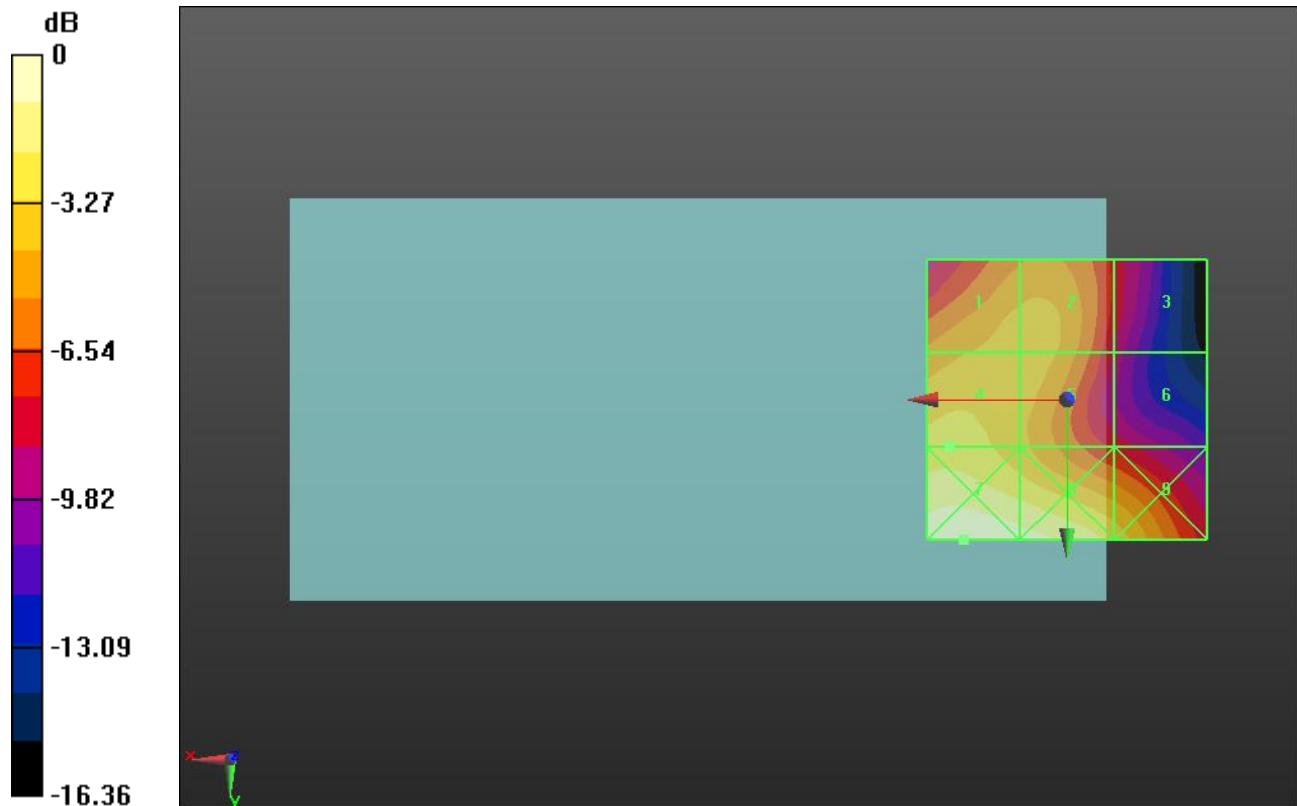
Applied MIF = -2.02 dB

RF audio interference level = 24.68 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.58 dBV/m	Grid 2 M4 23.59 dBV/m	Grid 3 M4 19.46 dBV/m
Grid 4 M4 24.68 dBV/m	Grid 5 M4 23.59 dBV/m	Grid 6 M4 19.53 dBV/m
Grid 7 M4 27.33 dBV/m	Grid 8 M4 26.79 dBV/m	Grid 9 M4 24.78 dBV/m



0 dB = 23.27 V/m = 27.34 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 - SN4028; ConvF(1, 1, 1) @ 2437 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)

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 = 18.98 V/m; Power Drift = 0.01 dB

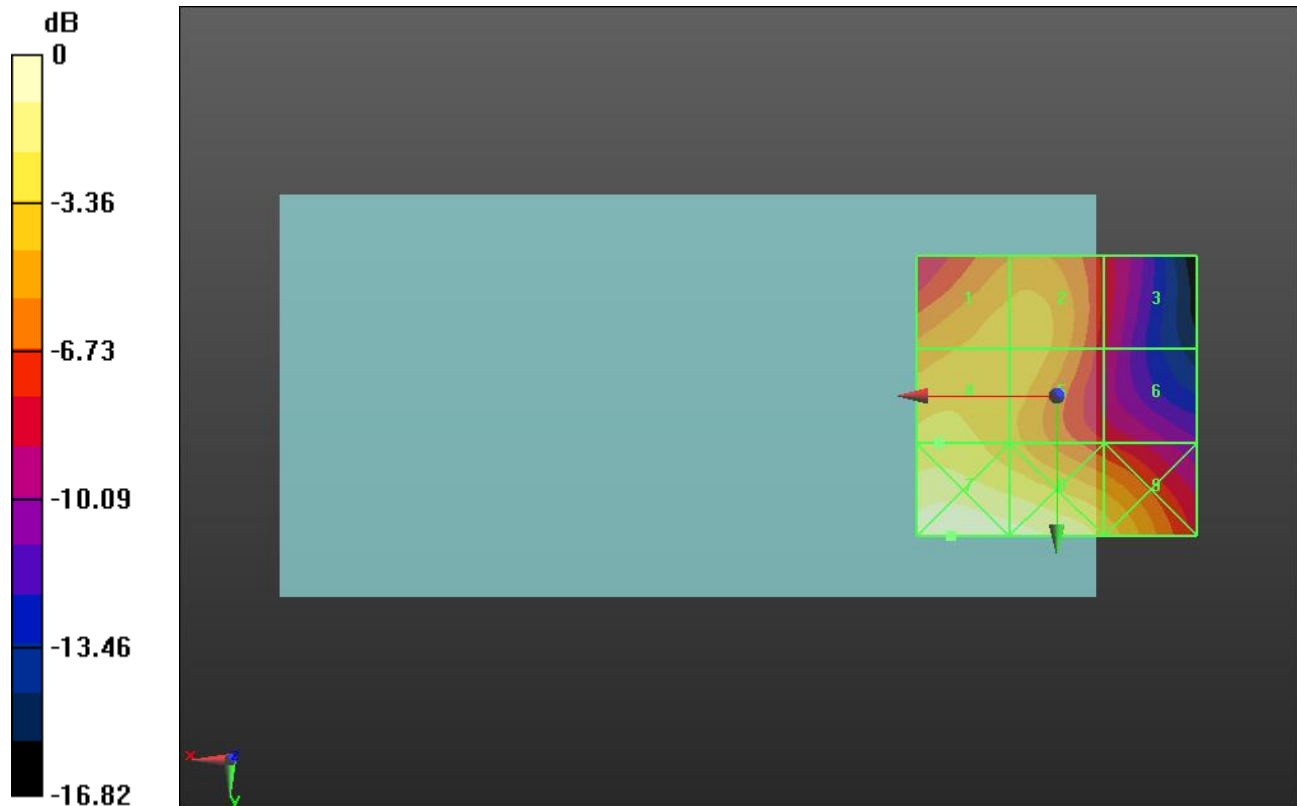
Applied MIF = -2.02 dB

RF audio interference level = 24.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.06 dBV/m	Grid 2 M4 23.16 dBV/m	Grid 3 M4 18.79 dBV/m
Grid 4 M4 24.02 dBV/m	Grid 5 M4 23.13 dBV/m	Grid 6 M4 19.23 dBV/m
Grid 7 M4 26.83 dBV/m	Grid 8 M4 26.27 dBV/m	Grid 9 M4 24.27 dBV/m



0 dB = 21.95 V/m = 26.83 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 - SN4028; ConvF(1, 1, 1) @ 2462 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)

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 = 20.61 V/m; Power Drift = 0.02 dB

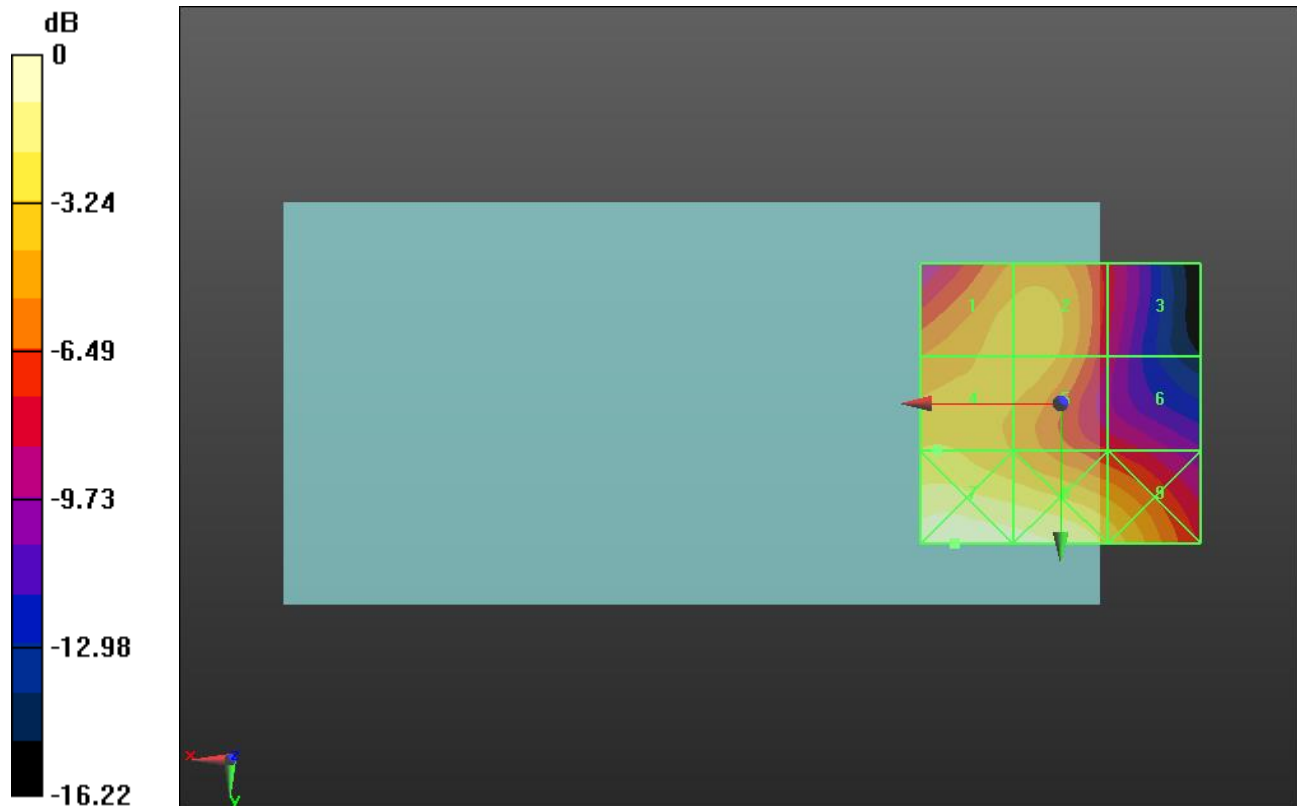
Applied MIF = -2.02 dB

RF audio interference level = 24.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24 dBV/m	Grid 2 M4 24.17 dBV/m	Grid 3 M4 19.58 dBV/m
Grid 4 M4 24.5 dBV/m	Grid 5 M4 24.07 dBV/m	Grid 6 M4 20.17 dBV/m
Grid 7 M4 27.58 dBV/m	Grid 8 M4 27.12 dBV/m	Grid 9 M4 25.19 dBV/m



0 dB = 23.94 V/m = 27.58 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 - SN4028; ConvF(1, 1, 1) @ 2422 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)

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 = 17.71 V/m; Power Drift = 0.17 dB

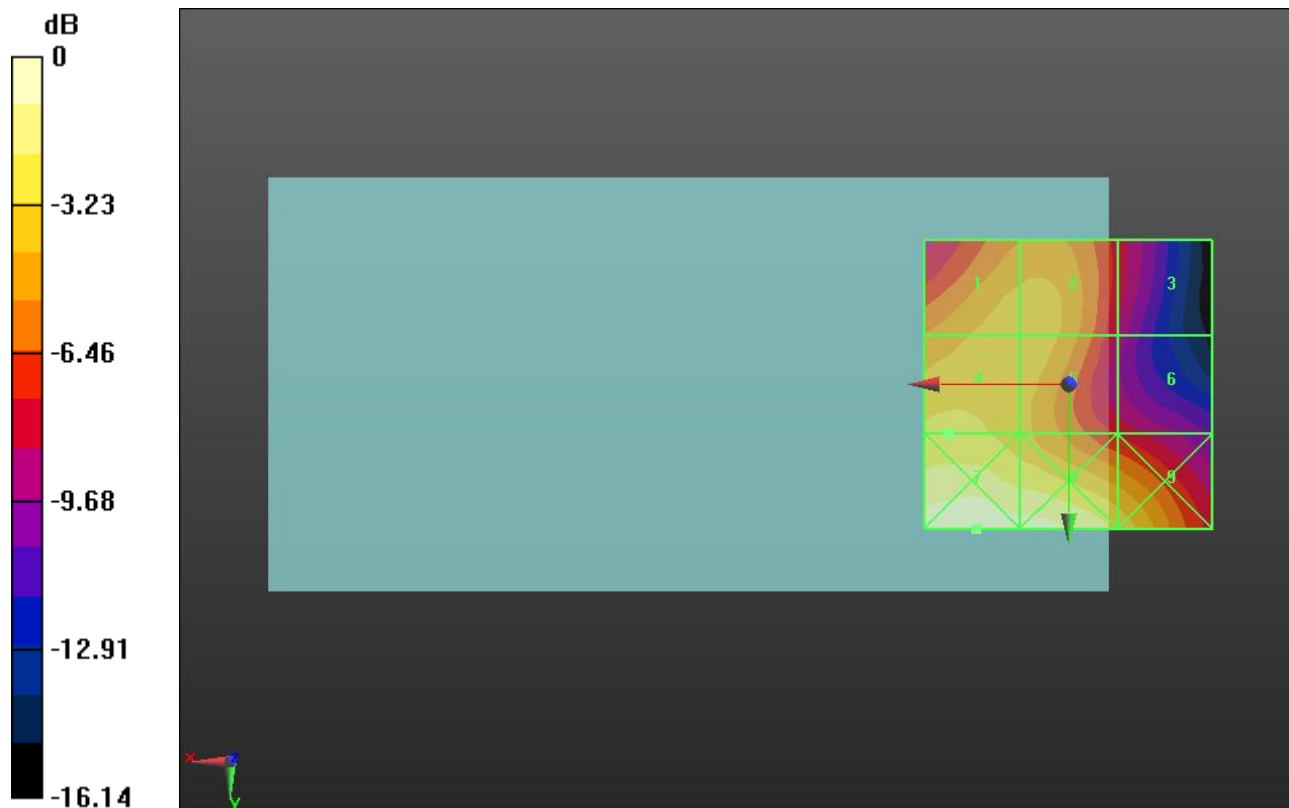
Applied MIF = 0.12 dB

RF audio interference level = 25.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.92 dBV/m	Grid 2 M4 24.97 dBV/m	Grid 3 M4 20.71 dBV/m
Grid 4 M4 25.77 dBV/m	Grid 5 M4 24.96 dBV/m	Grid 6 M4 21.03 dBV/m
Grid 7 M4 28.62 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 26.24 dBV/m



0 dB = 26.97 V/m = 28.62 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 - SN4028; ConvF(1, 1, 1) @ 2437 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)

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 = 16.81 V/m; Power Drift = -0.11 dB

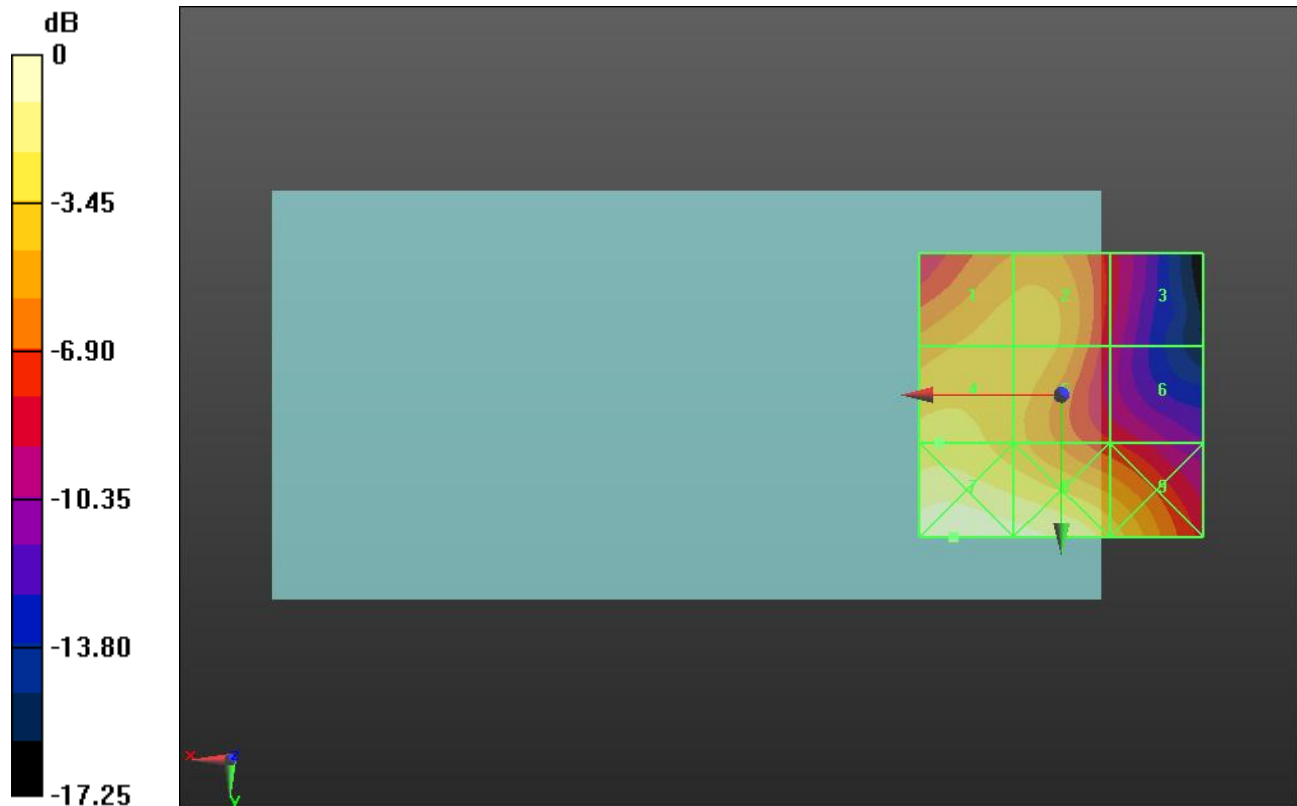
Applied MIF = 0.12 dB

RF audio interference level = 25.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.15 dBV/m	Grid 2 M4 24.2 dBV/m	Grid 3 M4 19.64 dBV/m
Grid 4 M4 25.13 dBV/m	Grid 5 M4 24.19 dBV/m	Grid 6 M4 20.26 dBV/m
Grid 7 M4 27.97 dBV/m	Grid 8 M4 27.39 dBV/m	Grid 9 M4 25.27 dBV/m



0 dB = 25.03 V/m = 27.97 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 - SN4028; ConvF(1, 1, 1) @ 2452 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)

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 = 16.40 V/m; Power Drift = 0.03 dB

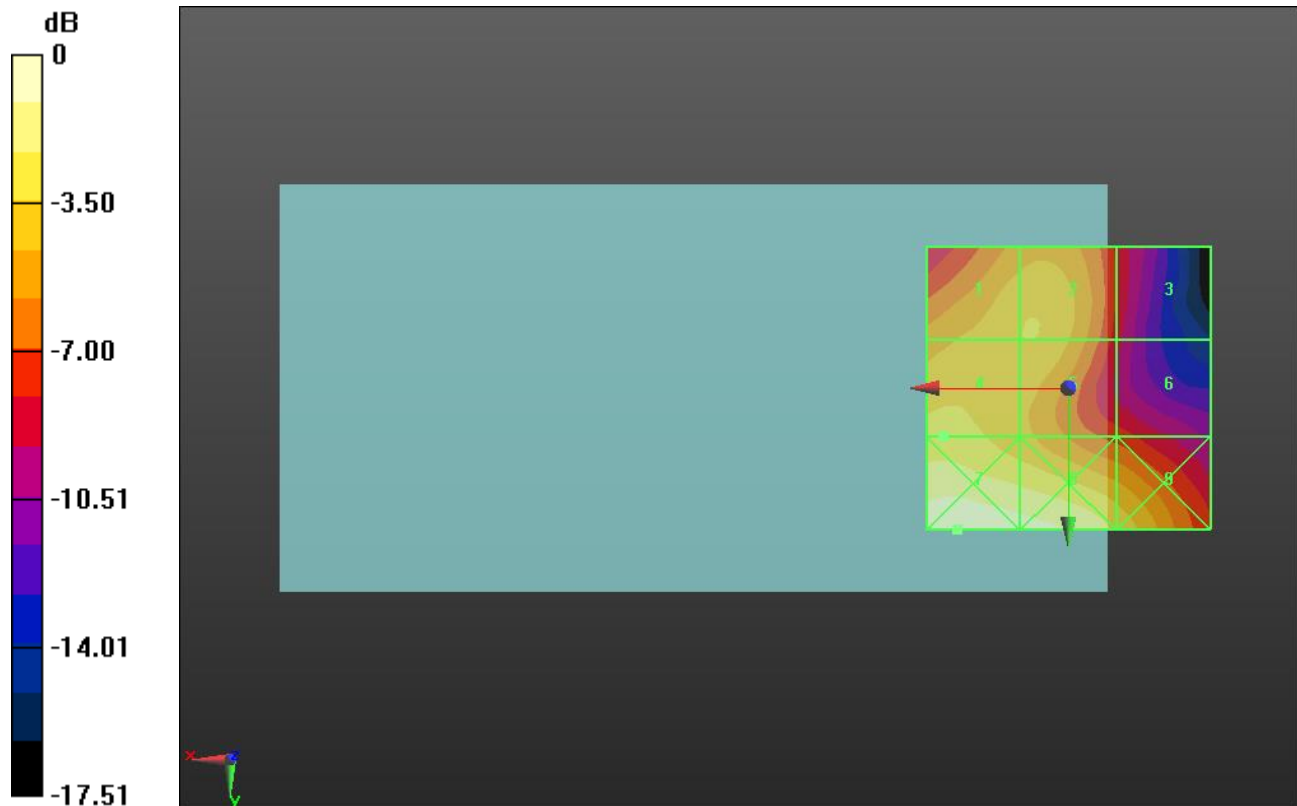
Applied MIF = 0.12 dB

RF audio interference level = 24.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.21 dBV/m	Grid 2 M4 24.3 dBV/m	Grid 3 M4 19.59 dBV/m
Grid 4 M4 24.78 dBV/m	Grid 5 M4 24.25 dBV/m	Grid 6 M4 20.28 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M4 27.09 dBV/m	Grid 9 M4 25.25 dBV/m



0 dB = 24.32 V/m = 27.72 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 - SN4028; ConvF(1, 1, 1) @ 5200 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)

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 = 5.946 V/m; Power Drift = -0.25 dB

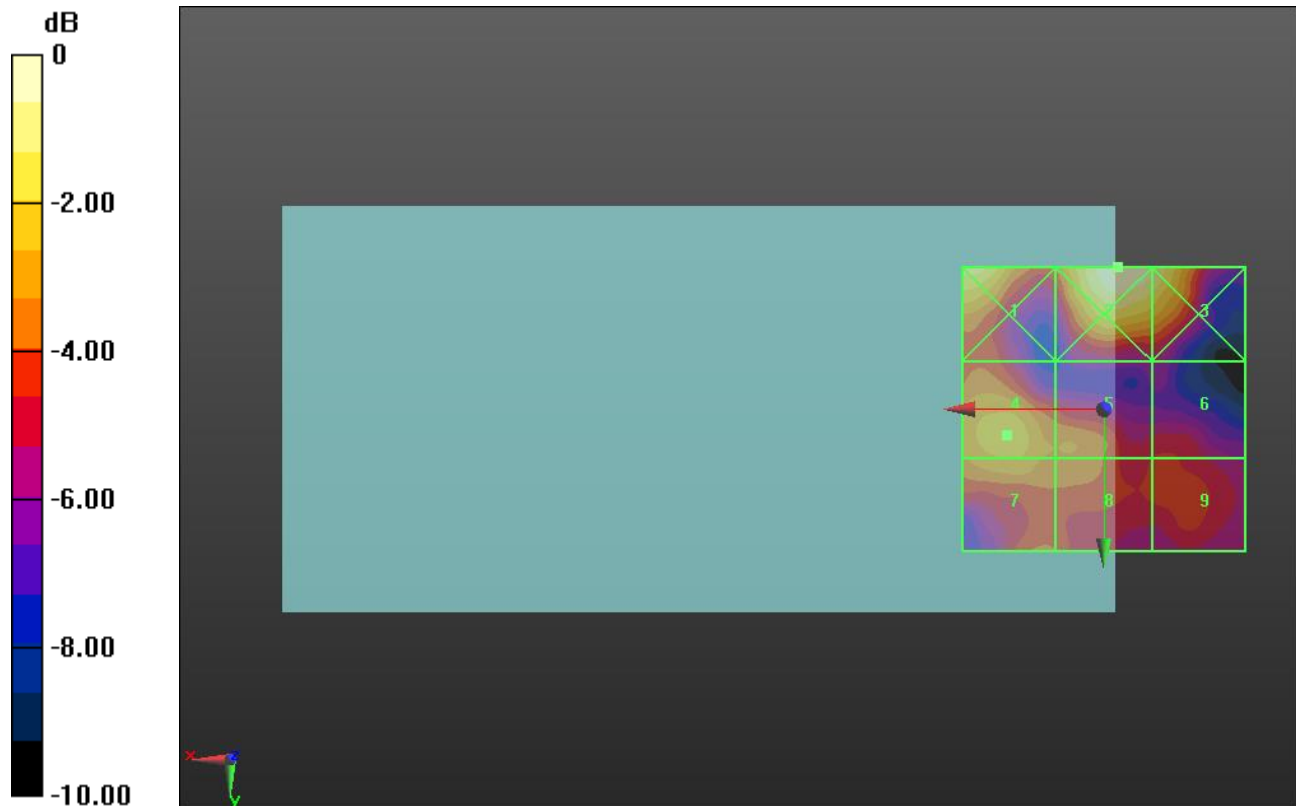
Applied MIF = -5.82 dB

RF audio interference level = 10.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.71 dBV/m	Grid 2 M4 12.68 dBV/m	Grid 3 M4 12.13 dBV/m
Grid 4 M4 10.43 dBV/m	Grid 5 M4 9.42 dBV/m	Grid 6 M4 8.15 dBV/m
Grid 7 M4 10.08 dBV/m	Grid 8 M4 9.31 dBV/m	Grid 9 M4 8.52 dBV/m



0 dB = 4.305 V/m = 12.68 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 - SN4028; ConvF(1, 1, 1) @ 5220 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)

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 = 5.720 V/m; Power Drift = -0.16 dB

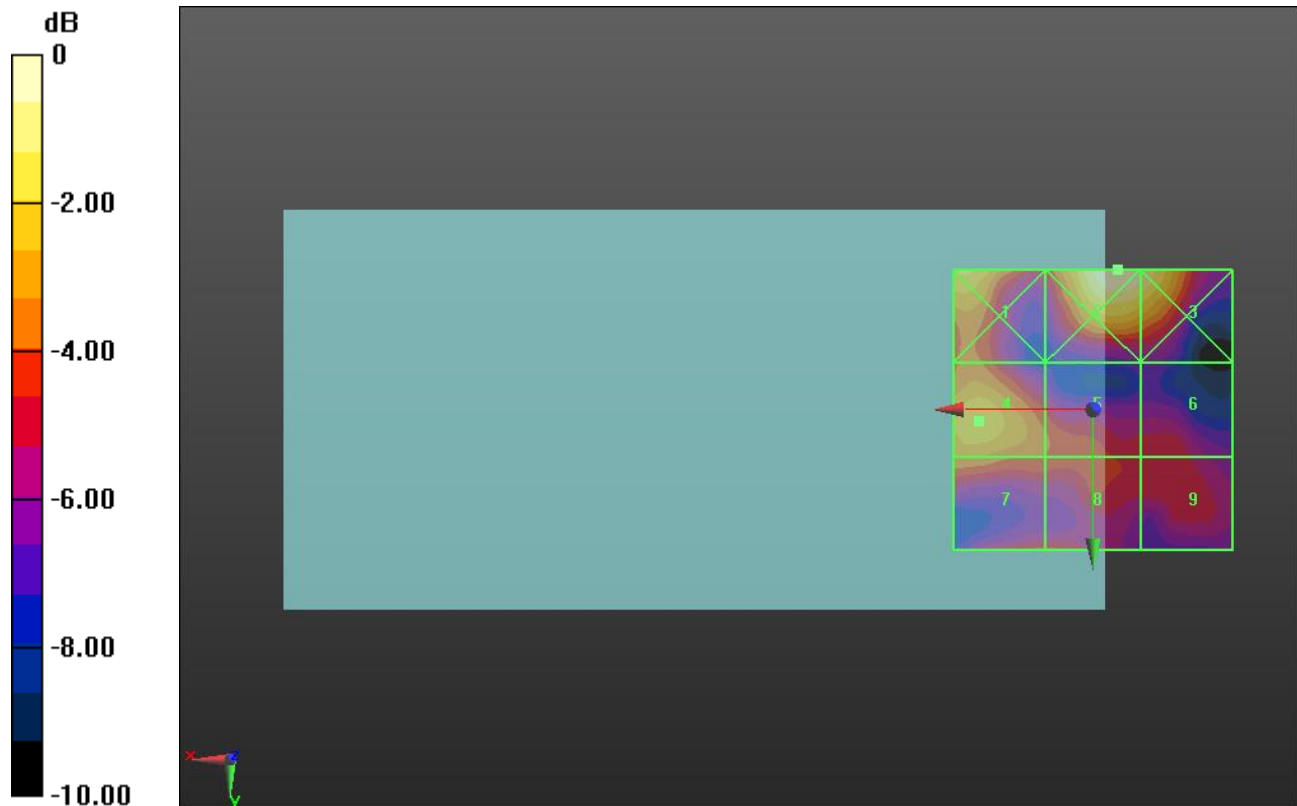
Applied MIF = -5.82 dB

RF audio interference level = 10.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.92 dBV/m	Grid 2 M4 12.64 dBV/m	Grid 3 M4 12.17 dBV/m
Grid 4 M4 10.49 dBV/m	Grid 5 M4 8.79 dBV/m	Grid 6 M4 7.88 dBV/m
Grid 7 M4 9.38 dBV/m	Grid 8 M4 8.56 dBV/m	Grid 9 M4 7.94 dBV/m



0 dB = 4.288 V/m = 12.65 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 - SN4028; ConvF(1, 1, 1) @ 5240 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)

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 = 5.416 V/m; Power Drift = -0.43 dB

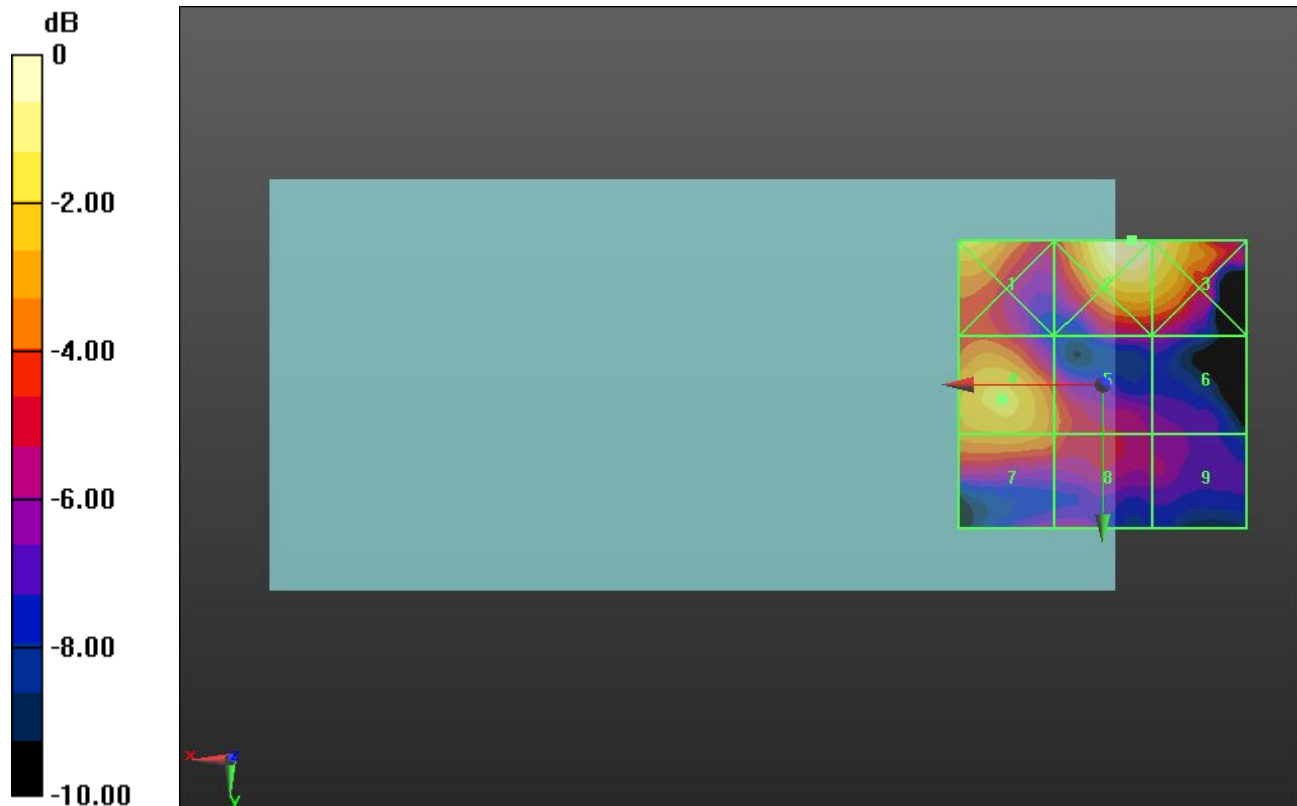
Applied MIF = -5.82 dB

RF audio interference level = 11.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.24 dBV/m	Grid 2 M4 12.78 dBV/m	Grid 3 M4 12.24 dBV/m
Grid 4 M4 11 dBV/m	Grid 5 M4 9.2 dBV/m	Grid 6 M4 6.85 dBV/m
Grid 7 M4 10.11 dBV/m	Grid 8 M4 9.03 dBV/m	Grid 9 M4 6.99 dBV/m



0 dB = 4.354 V/m = 12.78 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 - SN4028; ConvF(1, 1, 1) @ 5260 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)

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 = 4.792 V/m; Power Drift = -0.12 dB

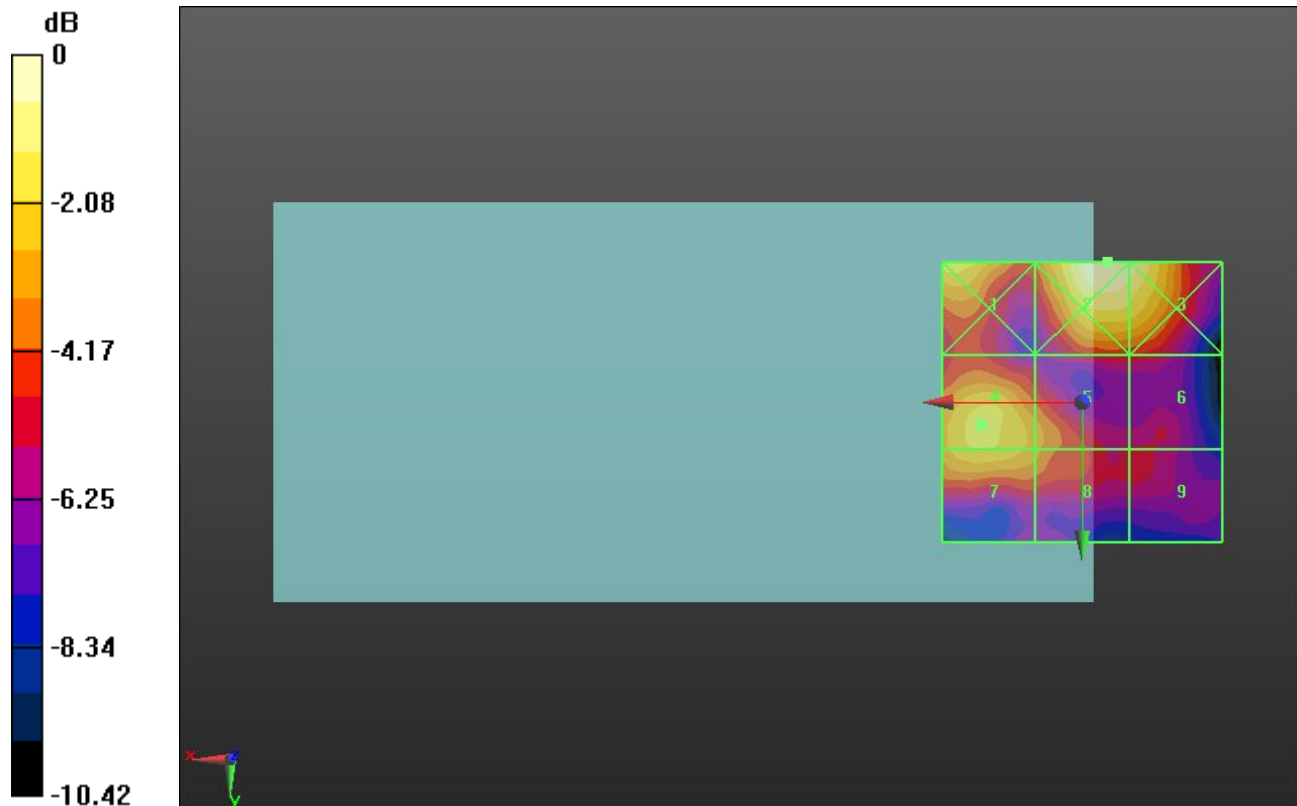
Applied MIF = -5.82 dB

RF audio interference level = 10.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.71 dBV/m	Grid 2 M4 12.17 dBV/m	Grid 3 M4 11.84 dBV/m
Grid 4 M4 10.39 dBV/m	Grid 5 M4 9.12 dBV/m	Grid 6 M4 7.39 dBV/m
Grid 7 M4 10.1 dBV/m	Grid 8 M4 9 dBV/m	Grid 9 M4 7.09 dBV/m



0 dB = 4.058 V/m = 12.17 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 - SN4028; ConvF(1, 1, 1) @ 5280 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)

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 = 4.596 V/m; Power Drift = -0.14 dB

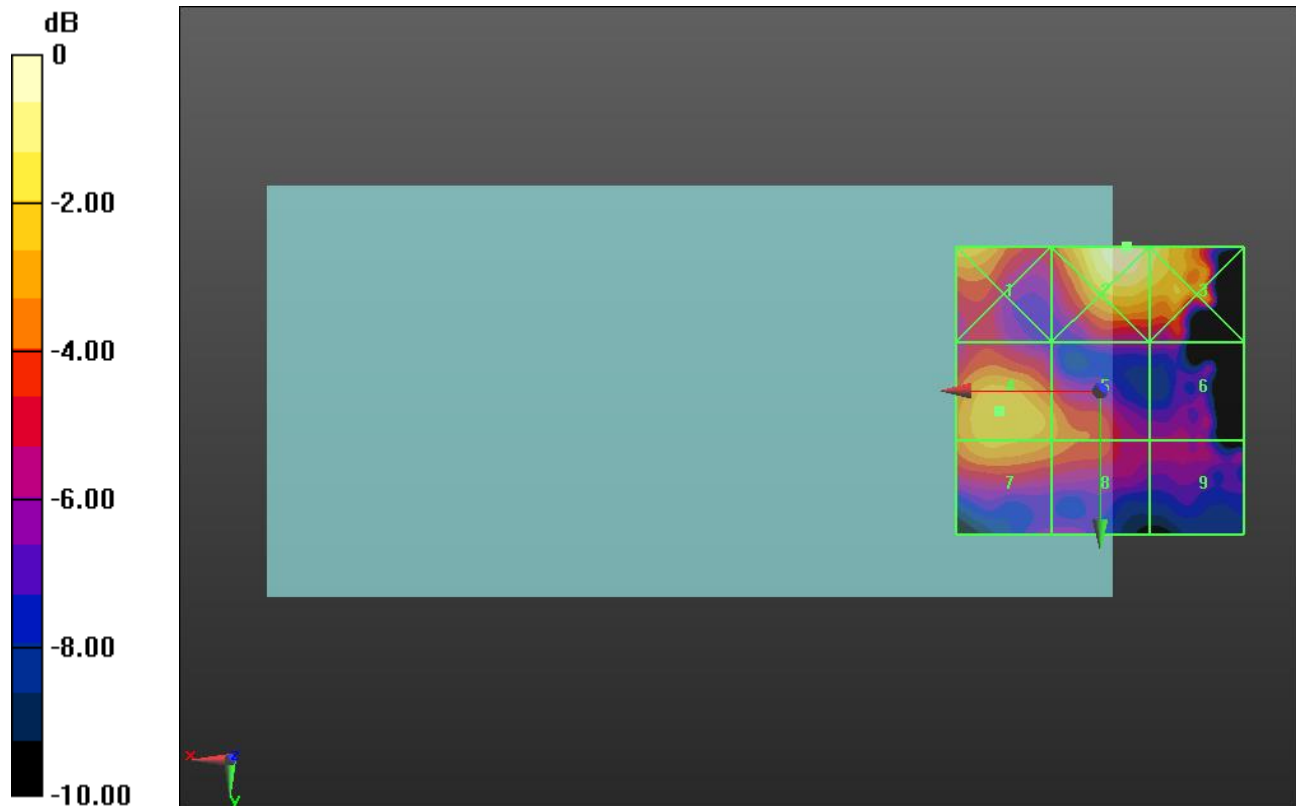
Applied MIF = -5.82 dB

RF audio interference level = 9.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.93 dBV/m	Grid 2 M4 11.8 dBV/m	Grid 3 M4 10.86 dBV/m
Grid 4 M4 9.77 dBV/m	Grid 5 M4 8.85 dBV/m	Grid 6 M4 6.09 dBV/m
Grid 7 M4 9.44 dBV/m	Grid 8 M4 8.57 dBV/m	Grid 9 M4 6.19 dBV/m



0 dB = 3.890 V/m = 11.80 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 - SN4028; ConvF(1, 1, 1) @ 5300 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)

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 = 3.684 V/m; Power Drift = 0.51 dB

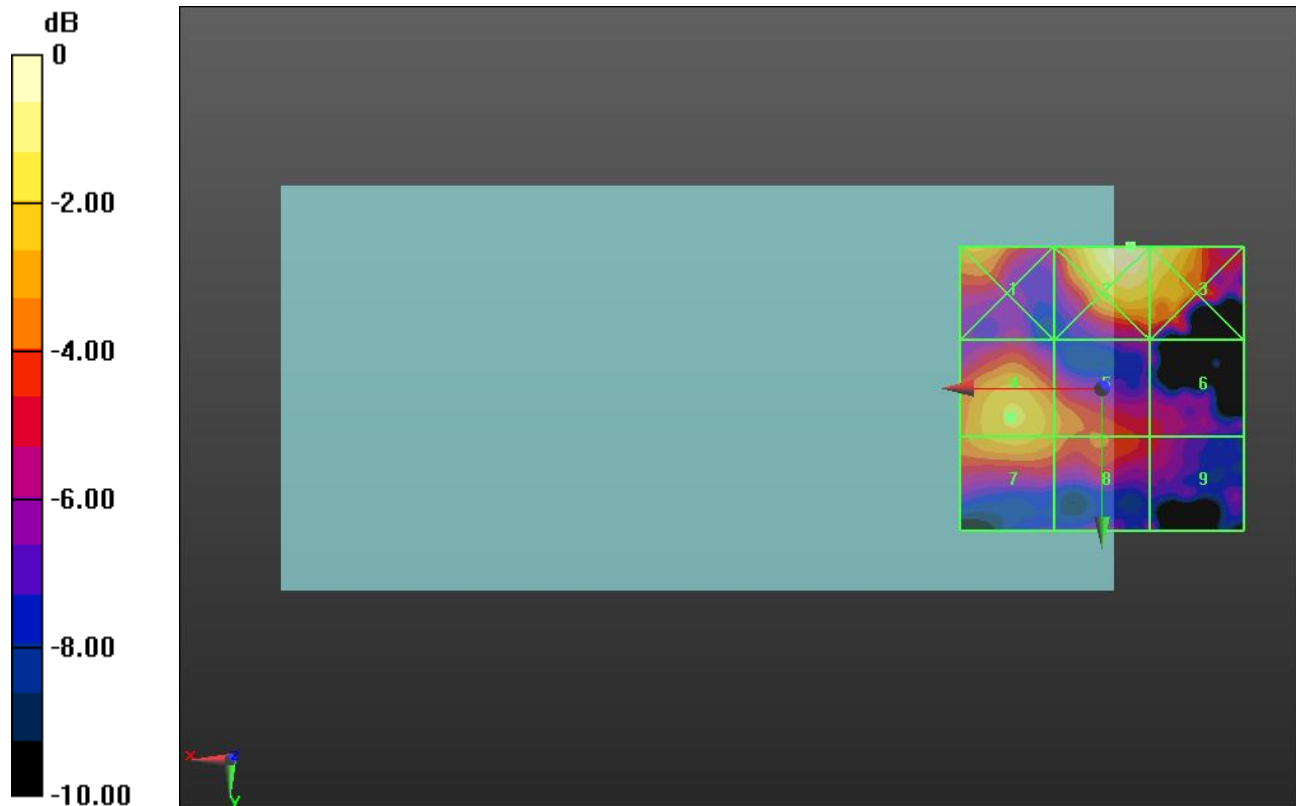
Applied MIF = -5.82 dB

RF audio interference level = 9.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.8 dBV/m	Grid 2 M4 11.17 dBV/m	Grid 3 M4 10.39 dBV/m
Grid 4 M4 9.28 dBV/m	Grid 5 M4 8.19 dBV/m	Grid 6 M4 6.14 dBV/m
Grid 7 M4 8.91 dBV/m	Grid 8 M4 7.98 dBV/m	Grid 9 M4 6.14 dBV/m



0 dB = 3.617 V/m = 11.17 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 - SN4028; ConvF(1, 1, 1) @ 5520 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)

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 = 3.315 V/m; Power Drift = 0.20 dB

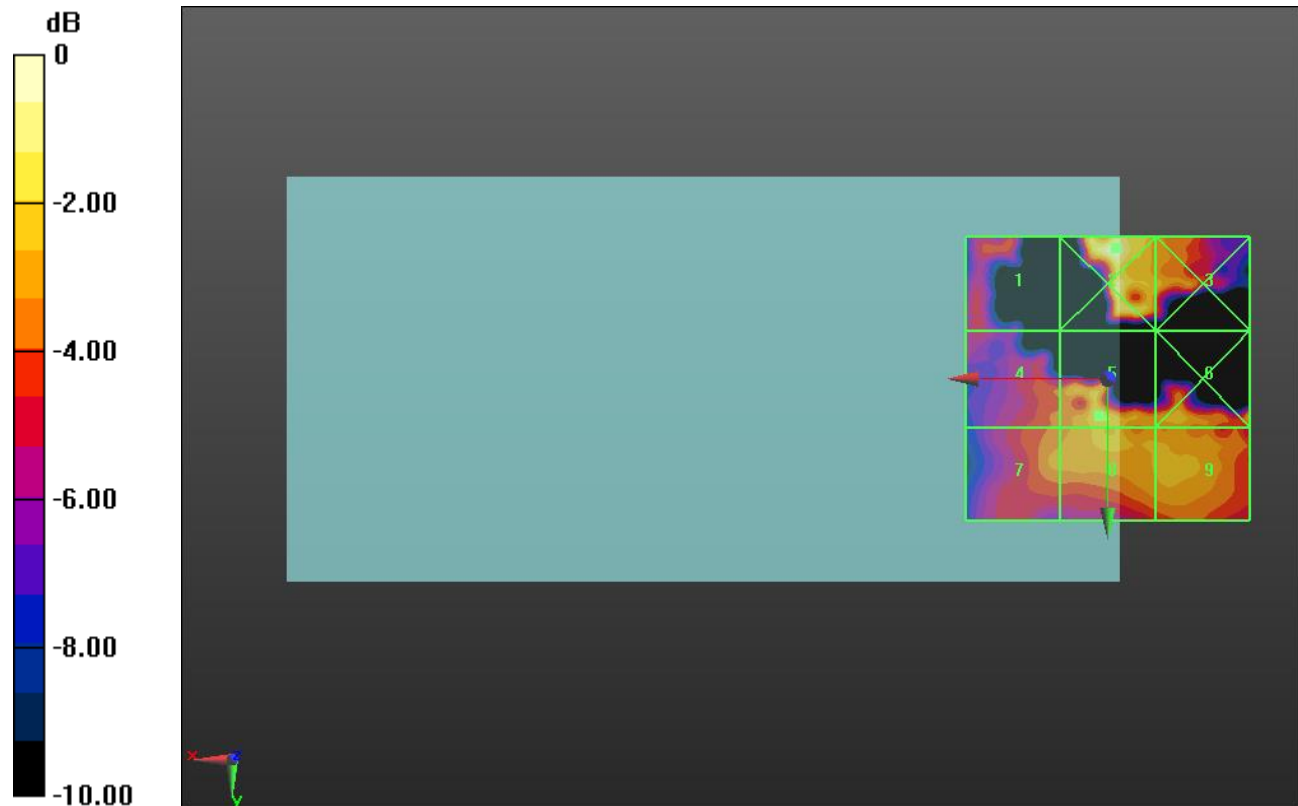
Applied MIF = -5.82 dB

RF audio interference level = 8.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 5.8 dBV/m	Grid 2 M4 9.99 dBV/m	Grid 3 M4 7.71 dBV/m
Grid 4 M4 6.3 dBV/m	Grid 5 M4 8.28 dBV/m	Grid 6 M4 7.75 dBV/m
Grid 7 M4 6.92 dBV/m	Grid 8 M4 7.6 dBV/m	Grid 9 M4 7.59 dBV/m



0 dB = 3.160 V/m = 9.99 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 - SN4028; ConvF(1, 1, 1) @ 5620 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)

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 = 2.913 V/m; Power Drift = -1.73 dB

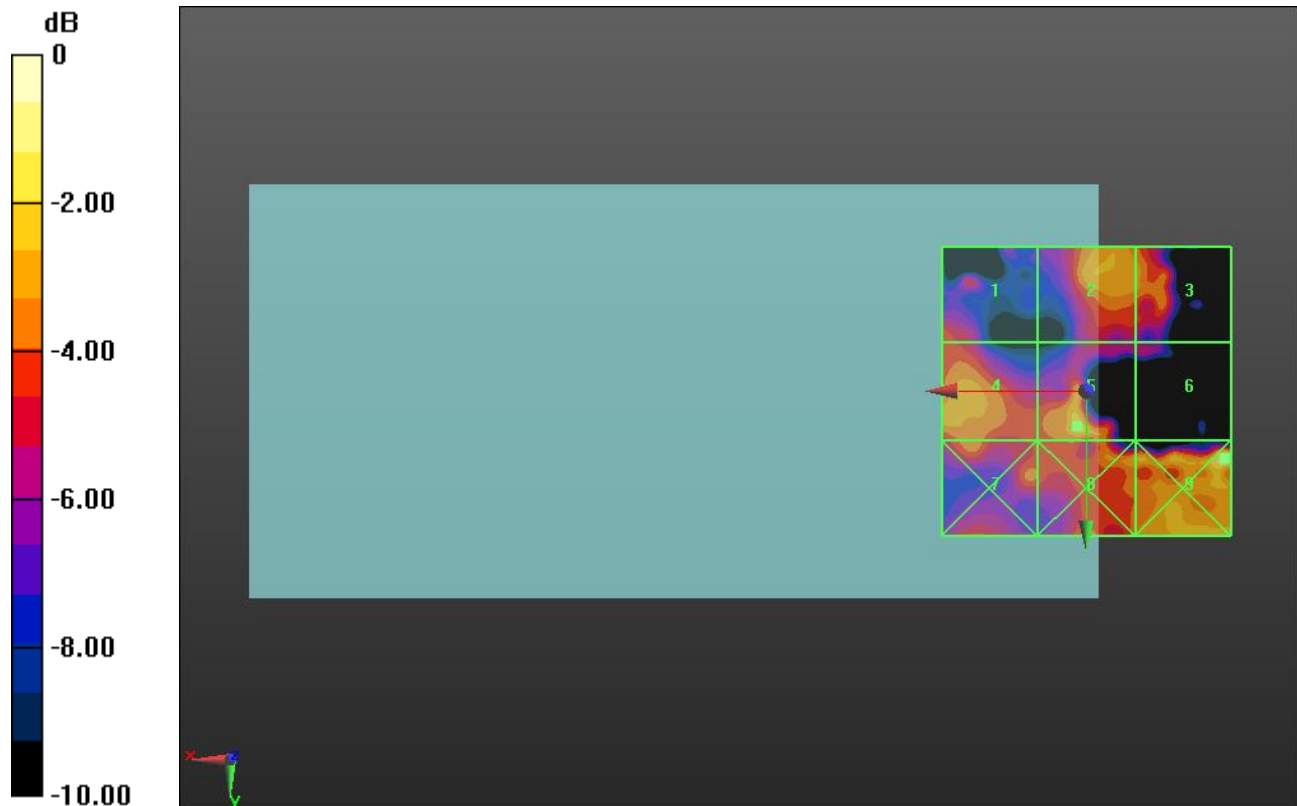
Applied MIF = -5.82 dB

RF audio interference level = 5.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 3.65 dBV/m	Grid 2 M4 5.33 dBV/m	Grid 3 M4 4.96 dBV/m
Grid 4 M4 5.12 dBV/m	Grid 5 M4 5.79 dBV/m	Grid 6 M4 2.72 dBV/m
Grid 7 M4 4.51 dBV/m	Grid 8 M4 5.24 dBV/m	Grid 9 M4 7.96 dBV/m



0 dB = 2.499 V/m = 7.96 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 - SN4028; ConvF(1, 1, 1) @ 5720 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)

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 = 1.699 V/m; Power Drift = 6.47 dB

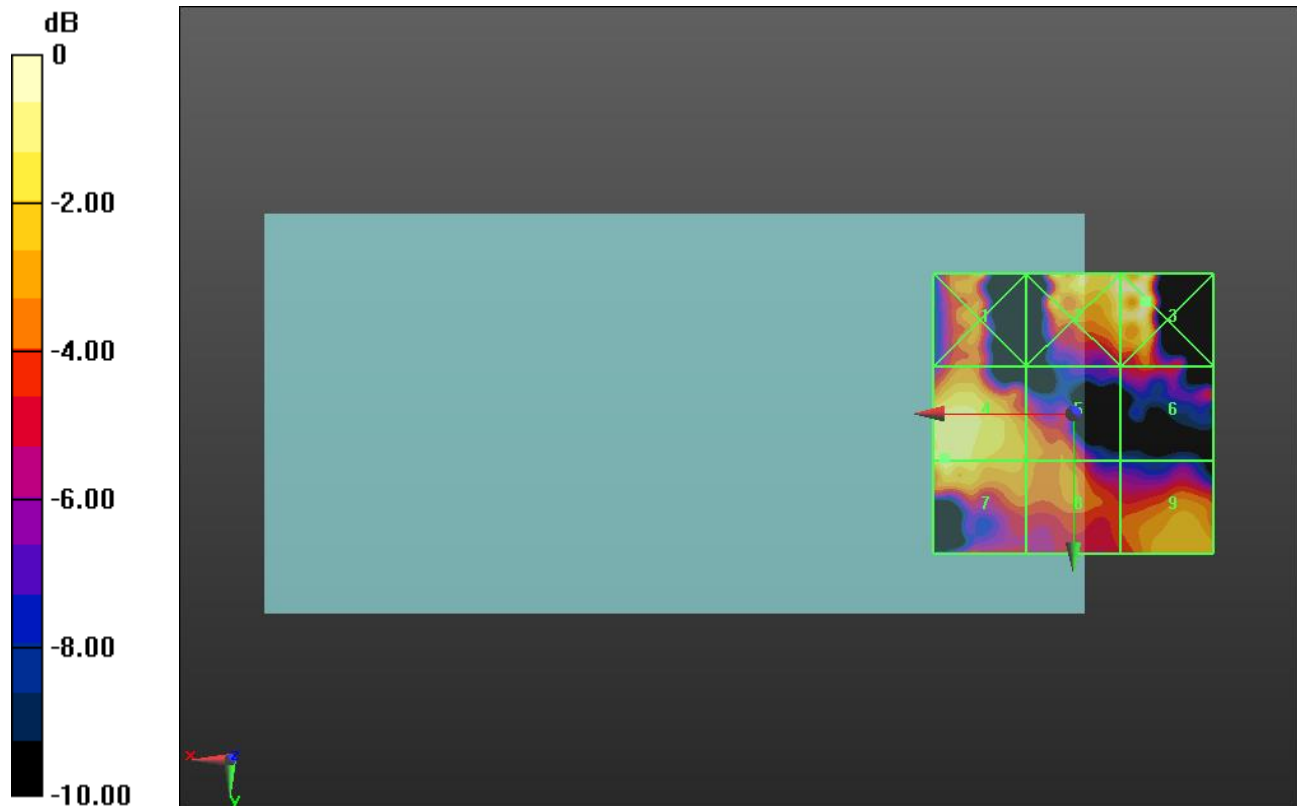
Applied MIF = -5.82 dB

RF audio interference level = 8.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 6.83 dBV/m	Grid 2 M4 8.52 dBV/m	Grid 3 M4 8.67 dBV/m
Grid 4 M4 8.03 dBV/m	Grid 5 M4 5.98 dBV/m	Grid 6 M4 4.62 dBV/m
Grid 7 M4 7.93 dBV/m	Grid 8 M4 5.88 dBV/m	Grid 9 M4 6.61 dBV/m



0 dB = 2.713 V/m = 8.67 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 - SN4028; ConvF(1, 1, 1) @ 5745 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)

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 = 3.713 V/m; Power Drift = -0.04 dB

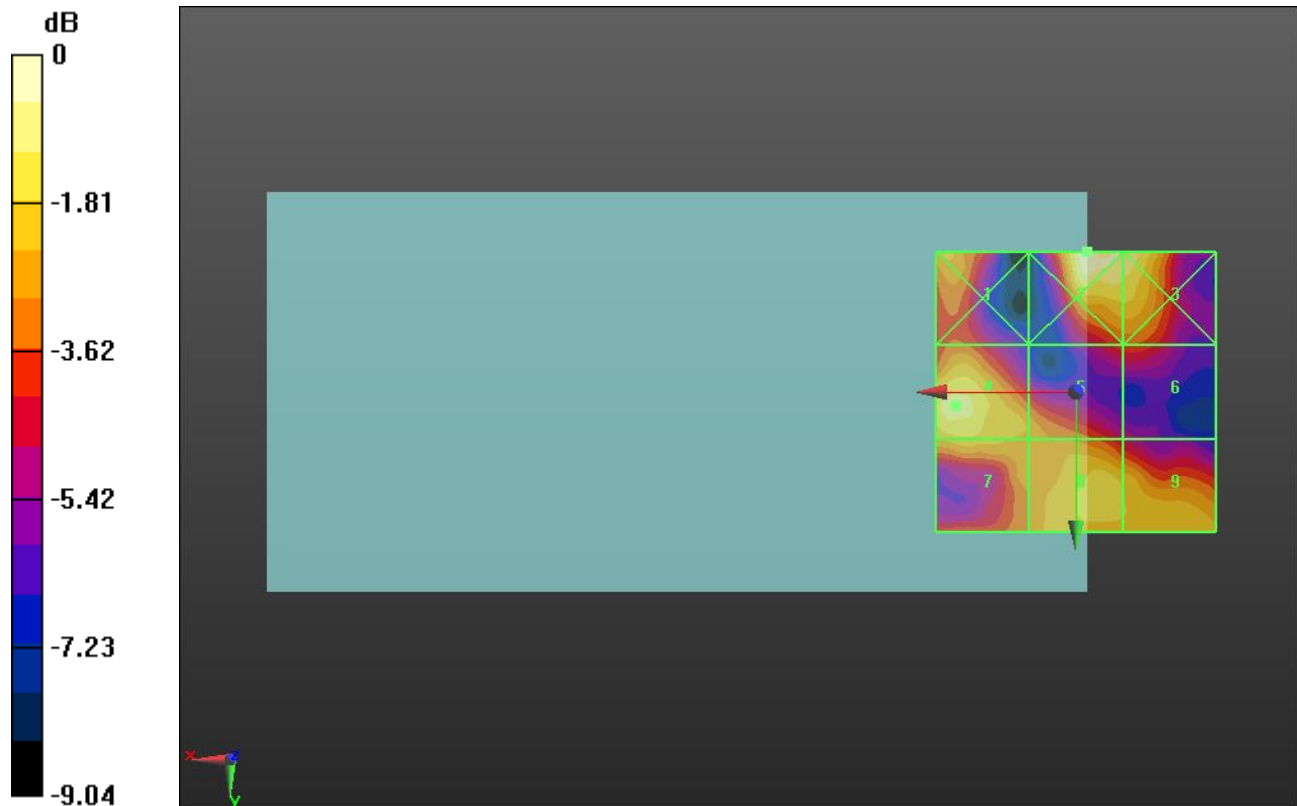
Applied MIF = -5.82 dB

RF audio interference level = 8.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.68 dBV/m	Grid 2 M4 9.84 dBV/m	Grid 3 M4 9.26 dBV/m
Grid 4 M4 8.88 dBV/m	Grid 5 M4 7.35 dBV/m	Grid 6 M4 6.19 dBV/m
Grid 7 M4 7.89 dBV/m	Grid 8 M4 8.49 dBV/m	Grid 9 M4 8.09 dBV/m



0 dB = 3.105 V/m = 9.84 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 - SN4028; ConvF(1, 1, 1) @ 5785 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)

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 = 4.166 V/m; Power Drift = 0.04 dB

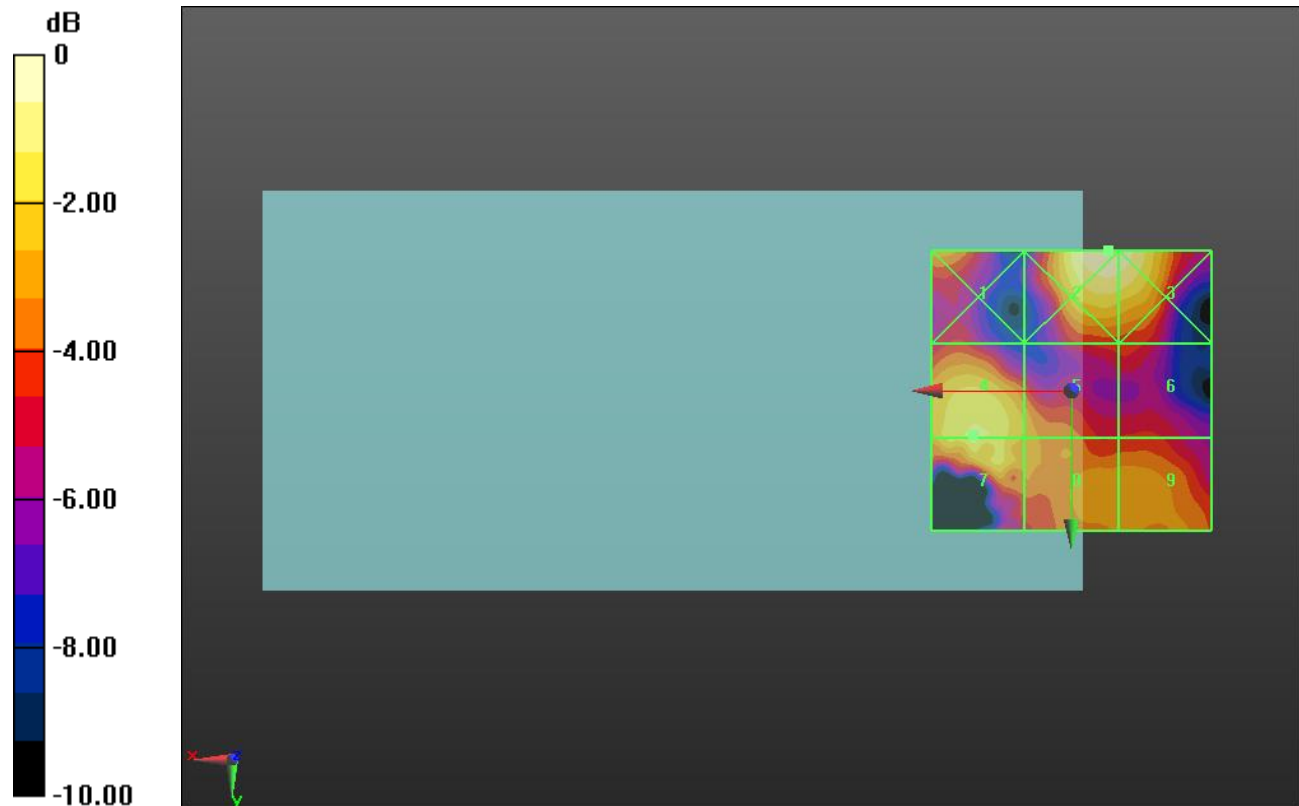
Applied MIF = -5.82 dB

RF audio interference level = 9.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.12 dBV/m	Grid 2 M4 10.95 dBV/m	Grid 3 M4 10.77 dBV/m
Grid 4 M4 9.93 dBV/m	Grid 5 M4 8.3 dBV/m	Grid 6 M4 6.68 dBV/m
Grid 7 M4 9.87 dBV/m	Grid 8 M4 8.18 dBV/m	Grid 9 M4 8.08 dBV/m



0 dB = 3.527 V/m = 10.95 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 - SN4028; ConvF(1, 1, 1) @ 5825 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)

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 = 3.360 V/m; Power Drift = 0.57 dB

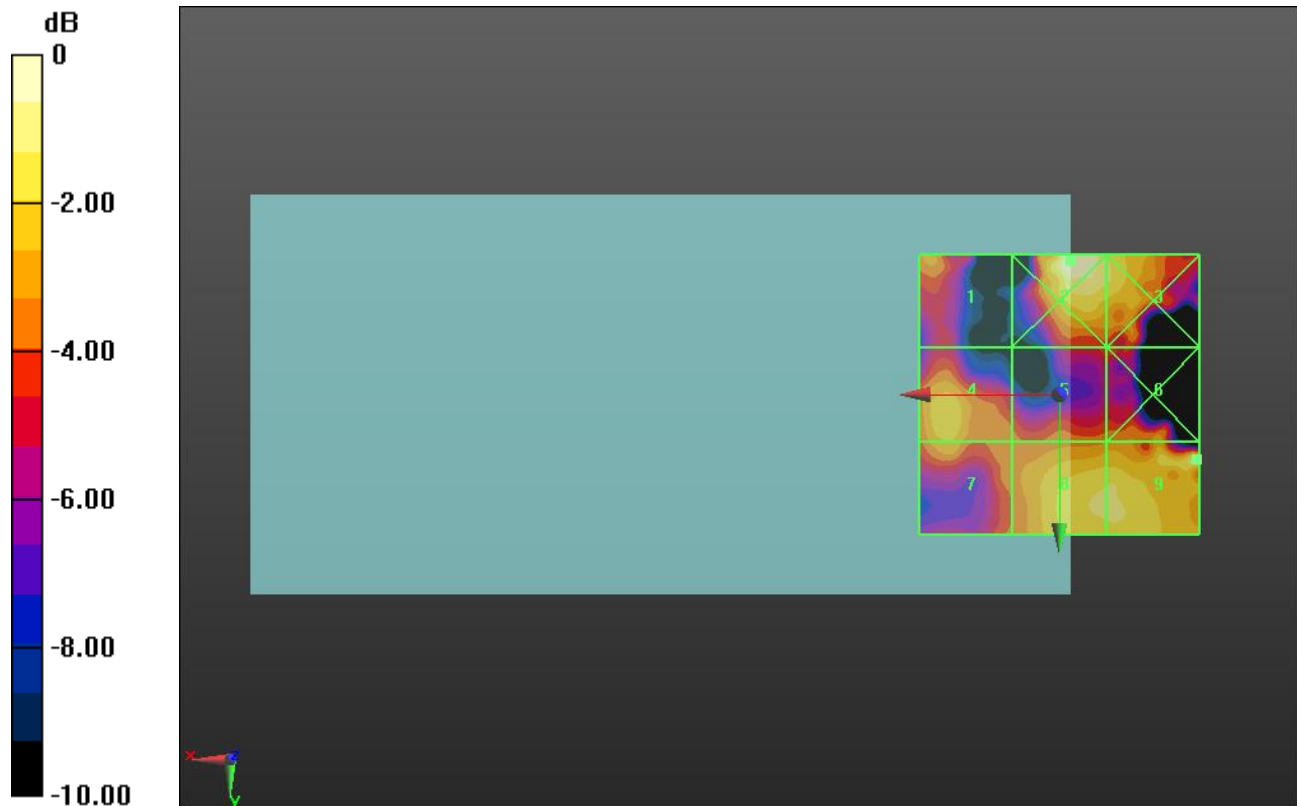
Applied MIF = -5.82 dB

RF audio interference level = 9.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 6.91 dBV/m	Grid 2 M4 9.84 dBV/m	Grid 3 M4 8.67 dBV/m
Grid 4 M4 7.69 dBV/m	Grid 5 M4 6.54 dBV/m	Grid 6 M4 7.01 dBV/m
Grid 7 M4 7.16 dBV/m	Grid 8 M4 8.58 dBV/m	Grid 9 M4 9.16 dBV/m



0 dB = 3.104 V/m = 9.84 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 = 15.02 V/m; Power Drift = -0.10 dB

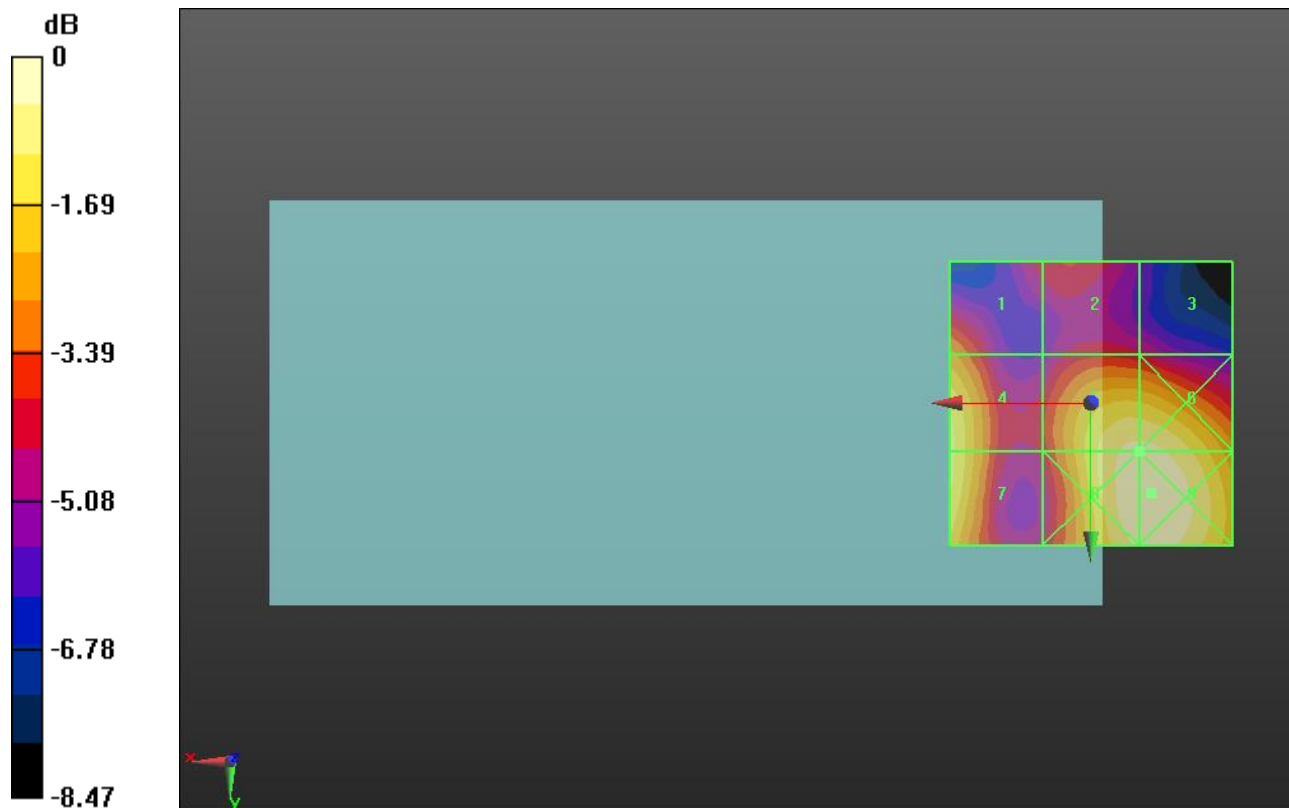
Applied MIF = -1.44 dB

RF audio interference level = 21.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.59 dBV/m	Grid 2 M4 18.27 dBV/m	Grid 3 M4 17.78 dBV/m
Grid 4 M4 21.25 dBV/m	Grid 5 M4 21.78 dBV/m	Grid 6 M4 21.79 dBV/m
Grid 7 M4 21.22 dBV/m	Grid 8 M4 22.07 dBV/m	Grid 9 M4 22.14 dBV/m



0 dB = 12.79 V/m = 22.14 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 = 7.128 V/m; Power Drift = -0.14 dB

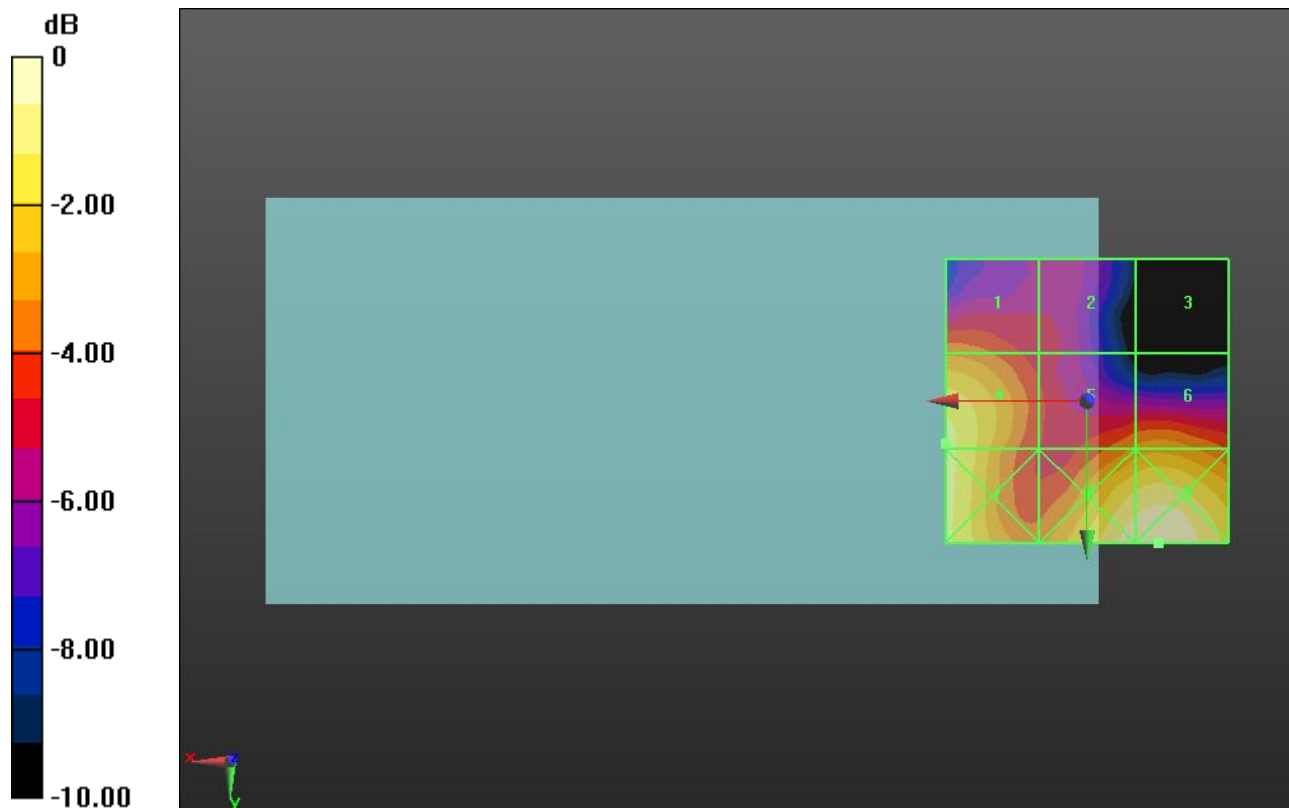
Applied MIF = -1.44 dB

RF audio interference level = 19.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.25 dBV/m	Grid 2 M4 15.71 dBV/m	Grid 3 M4 11.51 dBV/m
Grid 4 M4 19.65 dBV/m	Grid 5 M4 17.63 dBV/m	Grid 6 M4 17.91 dBV/m
Grid 7 M4 19.71 dBV/m	Grid 8 M4 20.54 dBV/m	Grid 9 M4 20.73 dBV/m



0 dB = 10.88 V/m = 20.73 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 = 7.805 V/m; Power Drift = -0.01 dB

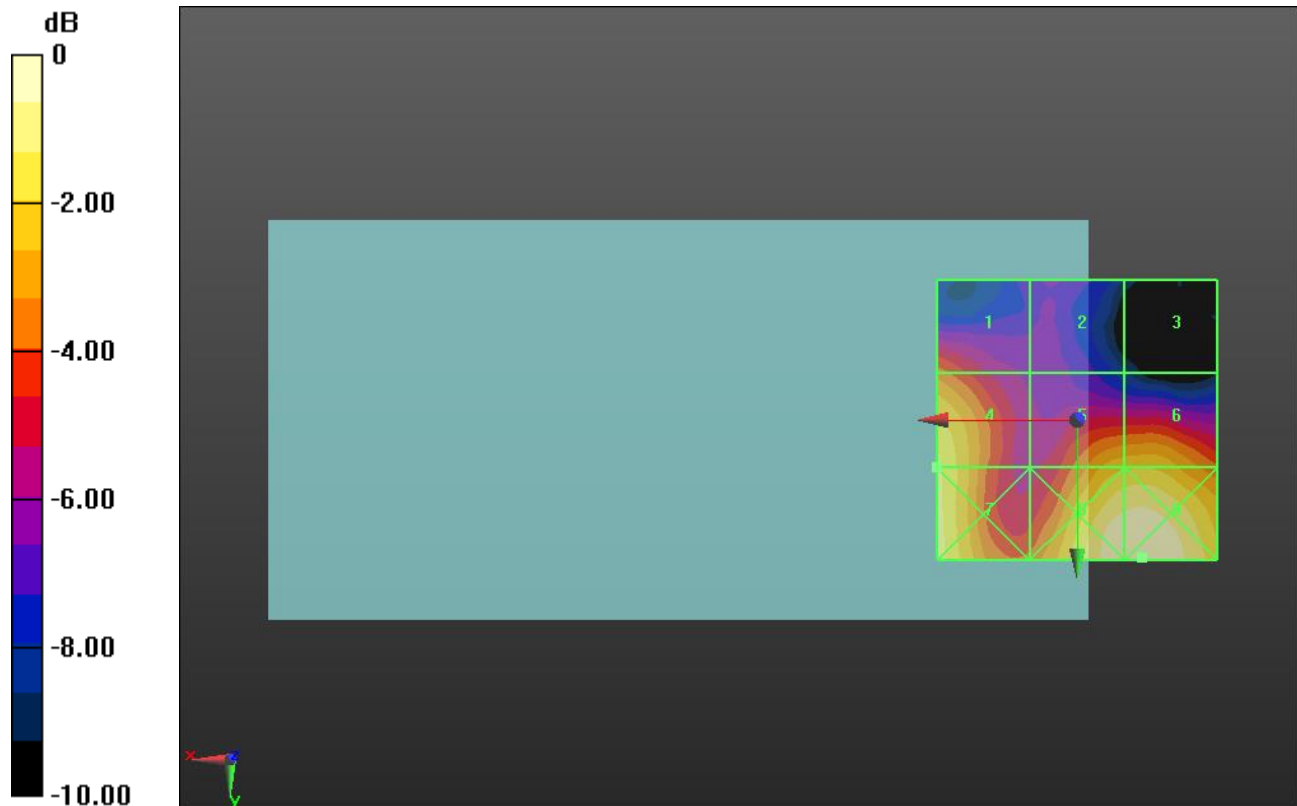
Applied MIF = -1.44 dB

RF audio interference level = 19.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.28 dBV/m	Grid 2 M4 14.78 dBV/m	Grid 3 M4 12.39 dBV/m
Grid 4 M4 19.68 dBV/m	Grid 5 M4 18.8 dBV/m	Grid 6 M4 18.91 dBV/m
Grid 7 M4 19.91 dBV/m	Grid 8 M4 20.8 dBV/m	Grid 9 M4 20.9 dBV/m



0 dB = 11.10 V/m = 20.91 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 = 7.295 V/m; Power Drift = 0.12 dB

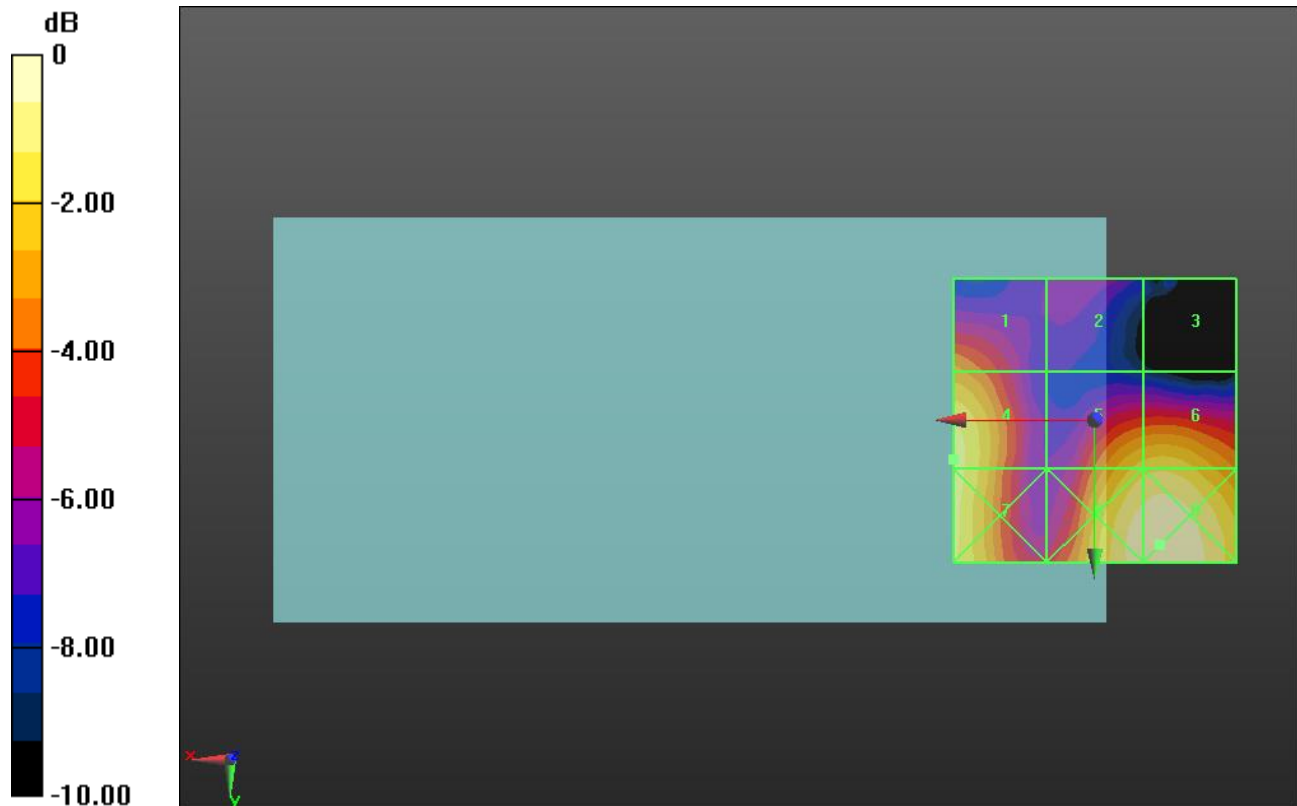
Applied MIF = -1.44 dB

RF audio interference level = 19.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.87 dBV/m	Grid 2 M4 14.75 dBV/m	Grid 3 M4 13.44 dBV/m
Grid 4 M4 19.87 dBV/m	Grid 5 M4 19.22 dBV/m	Grid 6 M4 19.43 dBV/m
Grid 7 M4 19.85 dBV/m	Grid 8 M4 20.67 dBV/m	Grid 9 M4 20.85 dBV/m



0 dB = 11.03 V/m = 20.85 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 = 31.71 V/m; Power Drift = -0.09 dB

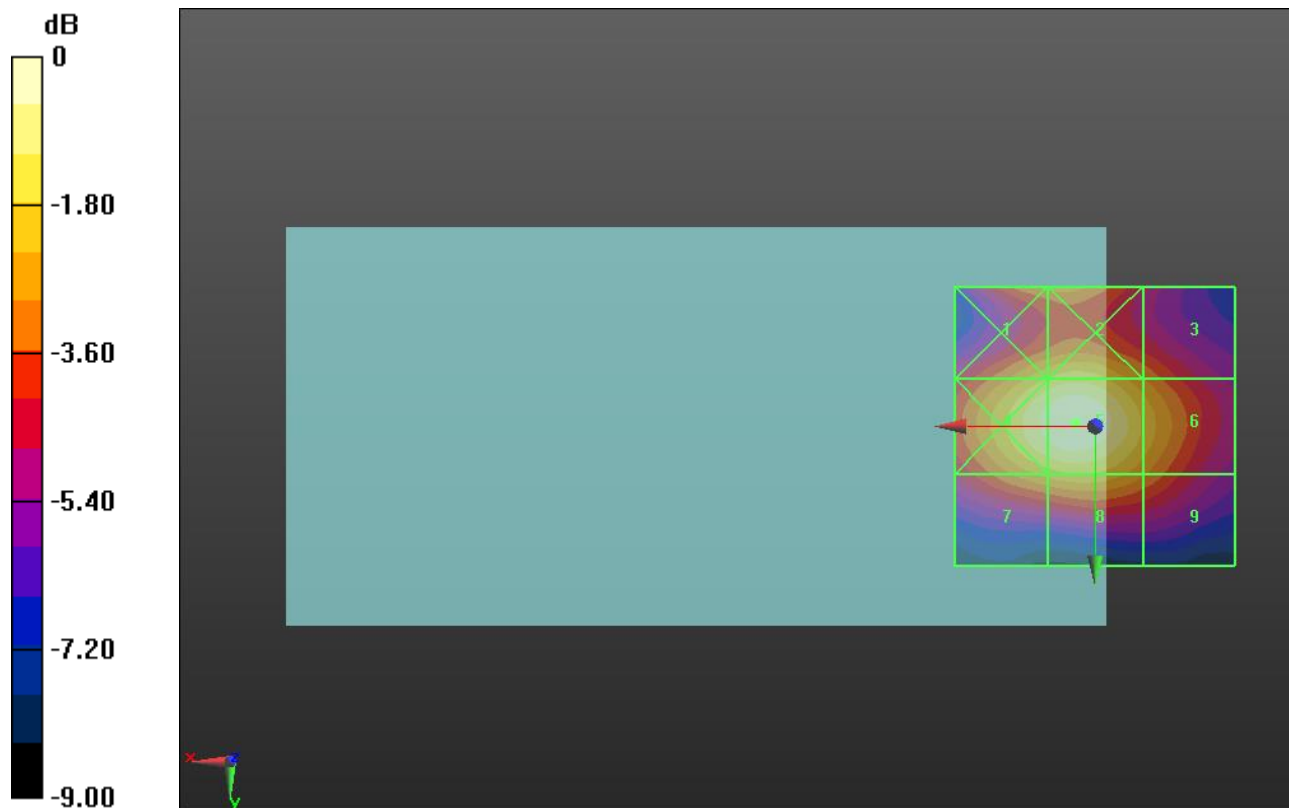
Applied MIF = -1.44 dB

RF audio interference level = 25.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.47 dBV/m	Grid 2 M4 23.87 dBV/m	Grid 3 M4 22.29 dBV/m
Grid 4 M4 24.87 dBV/m	Grid 5 M4 25.24 dBV/m	Grid 6 M4 23.37 dBV/m
Grid 7 M4 23.1 dBV/m	Grid 8 M4 23.45 dBV/m	Grid 9 M4 22.36 dBV/m



0 dB = 18.28 V/m = 25.24 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 = 31.18 V/m; Power Drift = 0.01 dB

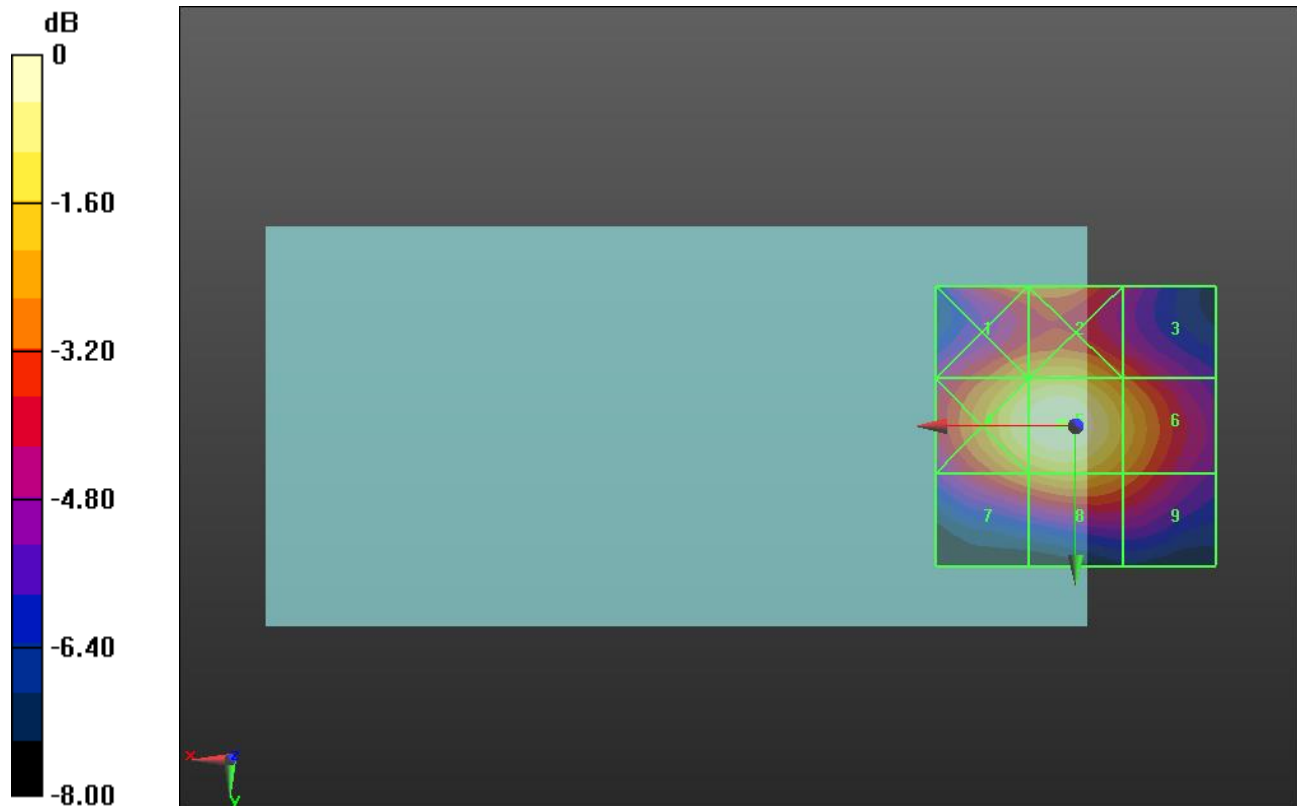
Applied MIF = -1.44 dB

RF audio interference level = 24.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.21 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 22.02 dBV/m
Grid 4 M4 24.53 dBV/m	Grid 5 M4 24.97 dBV/m	Grid 6 M4 23.3 dBV/m
Grid 7 M4 22.75 dBV/m	Grid 8 M4 23.33 dBV/m	Grid 9 M4 22.36 dBV/m



0 dB = 17.73 V/m = 24.97 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 = 30.43 V/m; Power Drift = 0.03 dB

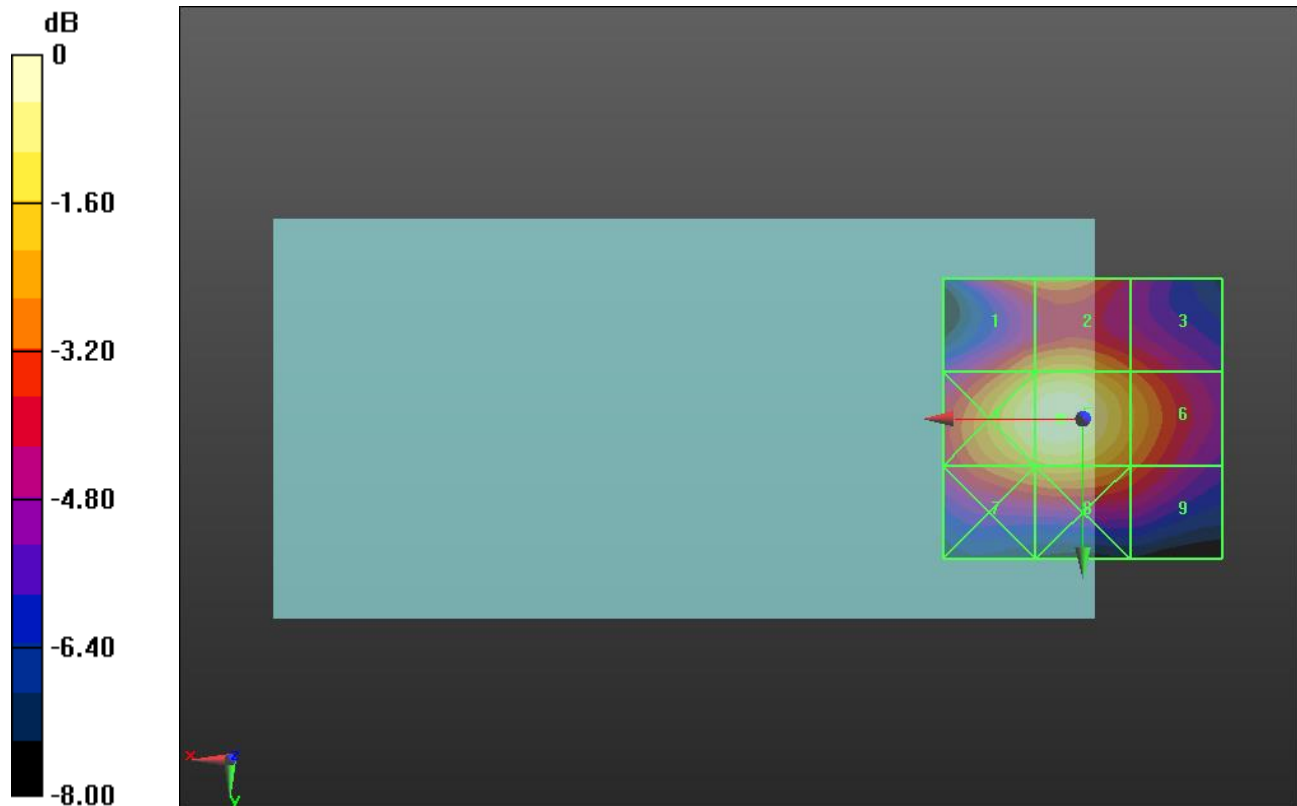
Applied MIF = -1.44 dB

RF audio interference level = 25.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.98 dBV/m	Grid 2 M4 23.39 dBV/m	Grid 3 M4 21.95 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 25.03 dBV/m	Grid 6 M4 23.09 dBV/m
Grid 7 M4 23.08 dBV/m	Grid 8 M4 23.37 dBV/m	Grid 9 M4 22.1 dBV/m



0 dB = 17.84 V/m = 25.03 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 = 30.21 V/m; Power Drift = -0.01 dB

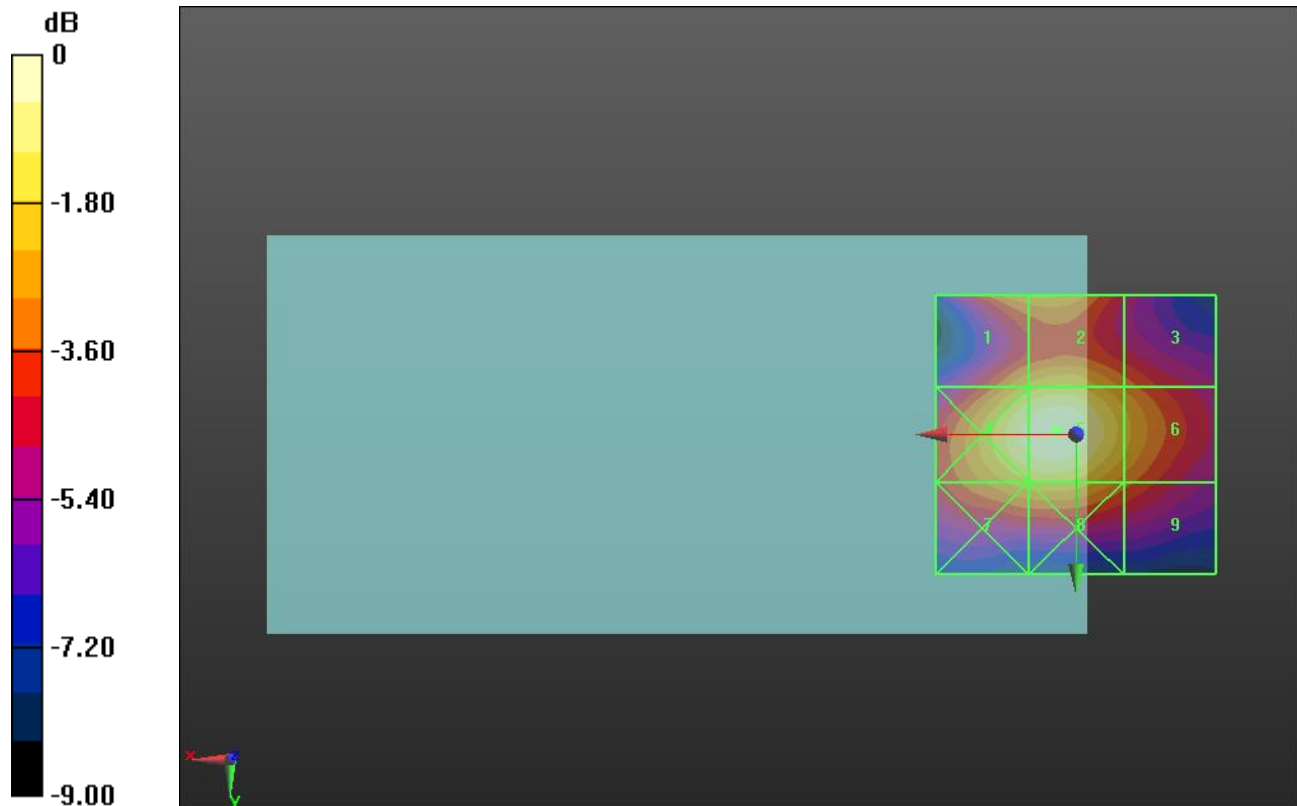
Applied MIF = -1.44 dB

RF audio interference level = 24.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.77 dBV/m	Grid 2 M4 23.27 dBV/m	Grid 3 M4 21.79 dBV/m
Grid 4 M4 24.56 dBV/m	Grid 5 M4 24.91 dBV/m	Grid 6 M4 22.82 dBV/m
Grid 7 M4 22.99 dBV/m	Grid 8 M4 23.17 dBV/m	Grid 9 M4 21.64 dBV/m



0 dB = 17.60 V/m = 24.91 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 = 5.385 V/m; Power Drift = -0.35 dB

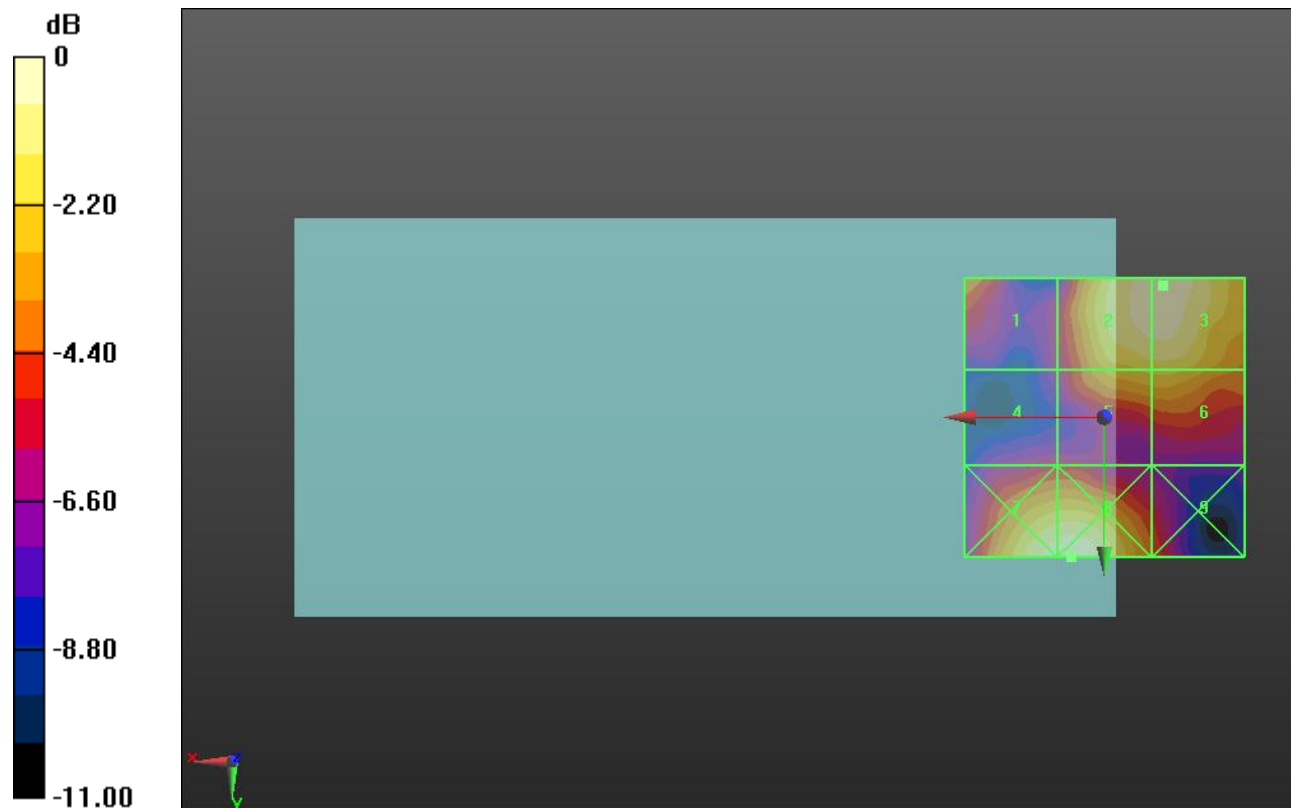
Applied MIF = -1.44 dB

RF audio interference level = 16.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.43 dBV/m	Grid 2 M4 16.61 dBV/m	Grid 3 M4 16.65 dBV/m
Grid 4 M4 11.41 dBV/m	Grid 5 M4 15.04 dBV/m	Grid 6 M4 15.09 dBV/m
Grid 7 M4 16.77 dBV/m	Grid 8 M4 16.99 dBV/m	Grid 9 M4 12.93 dBV/m



0 dB = 7.075 V/m = 16.99 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 = 5.528 V/m; Power Drift = -0.81 dB

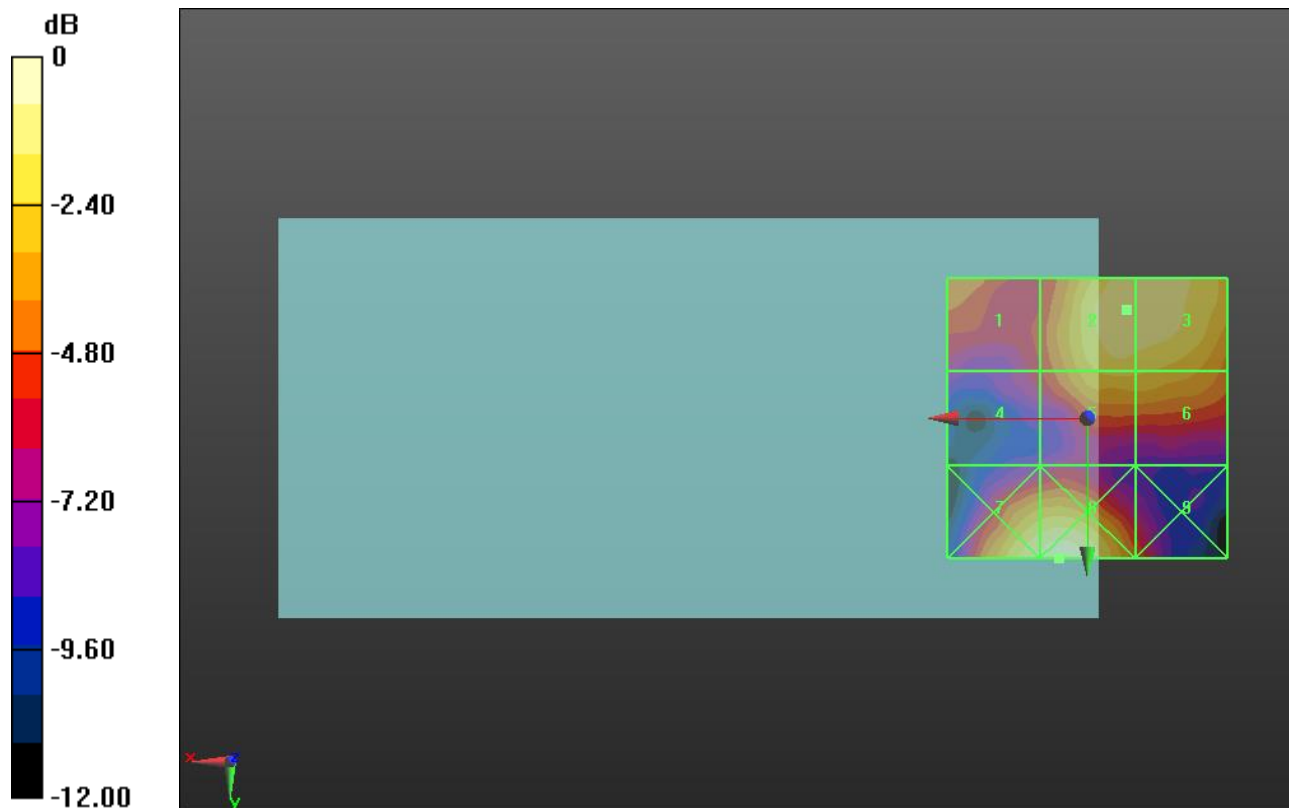
Applied MIF = -1.44 dB

RF audio interference level = 15.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.65 dBV/m	Grid 2 M4 15.6 dBV/m	Grid 3 M4 15.54 dBV/m
Grid 4 M4 10.94 dBV/m	Grid 5 M4 14.56 dBV/m	Grid 6 M4 14.43 dBV/m
Grid 7 M4 16.19 dBV/m	Grid 8 M4 16.64 dBV/m	Grid 9 M4 12.21 dBV/m



0 dB = 6.796 V/m = 16.65 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 = 6.634 V/m; Power Drift = -0.56 dB

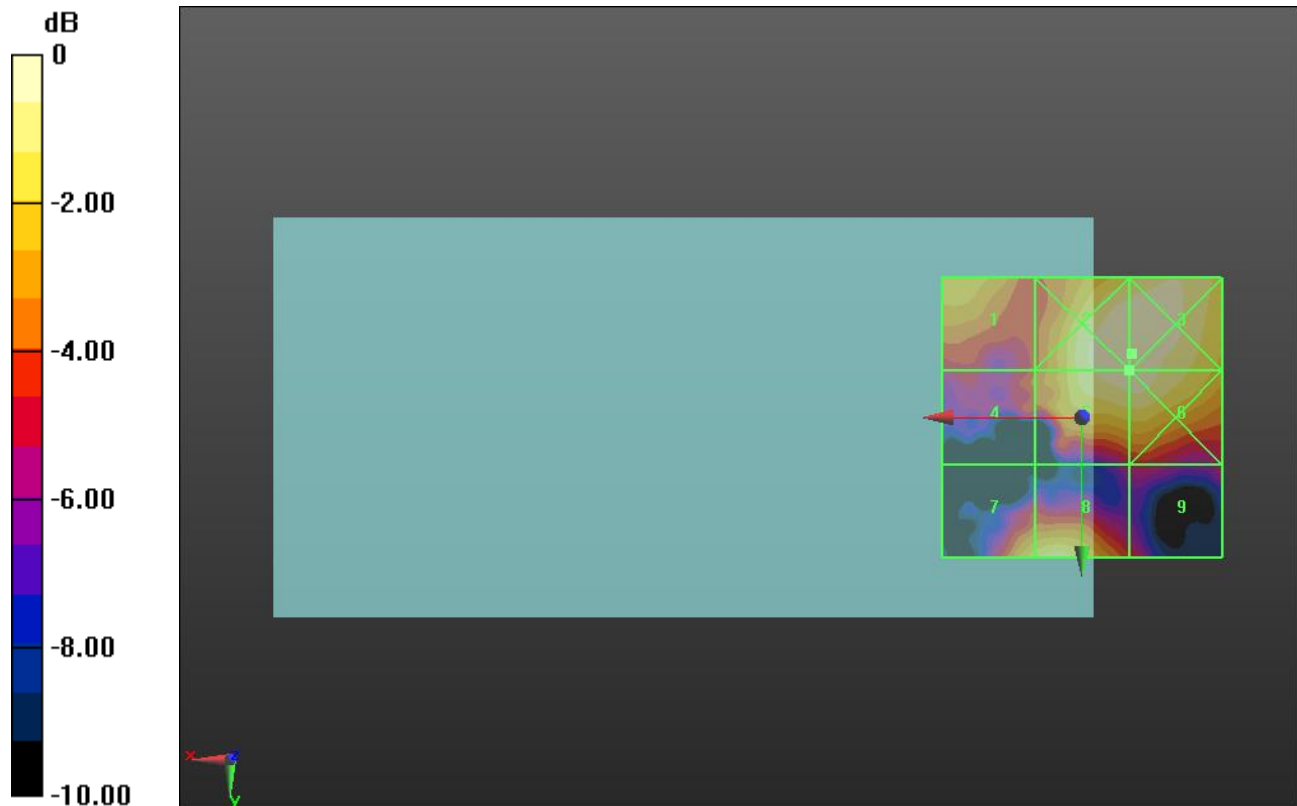
Applied MIF = -1.44 dB

RF audio interference level = 14.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.9 dBV/m	Grid 2 M4 15.1 dBV/m	Grid 3 M4 15.1 dBV/m
Grid 4 M4 11.3 dBV/m	Grid 5 M4 14.95 dBV/m	Grid 6 M4 14.95 dBV/m
Grid 7 M4 13.61 dBV/m	Grid 8 M4 14.23 dBV/m	Grid 9 M4 10.75 dBV/m



0 dB = 5.688 V/m = 15.10 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 = 6.973 V/m; Power Drift = -0.05 dB

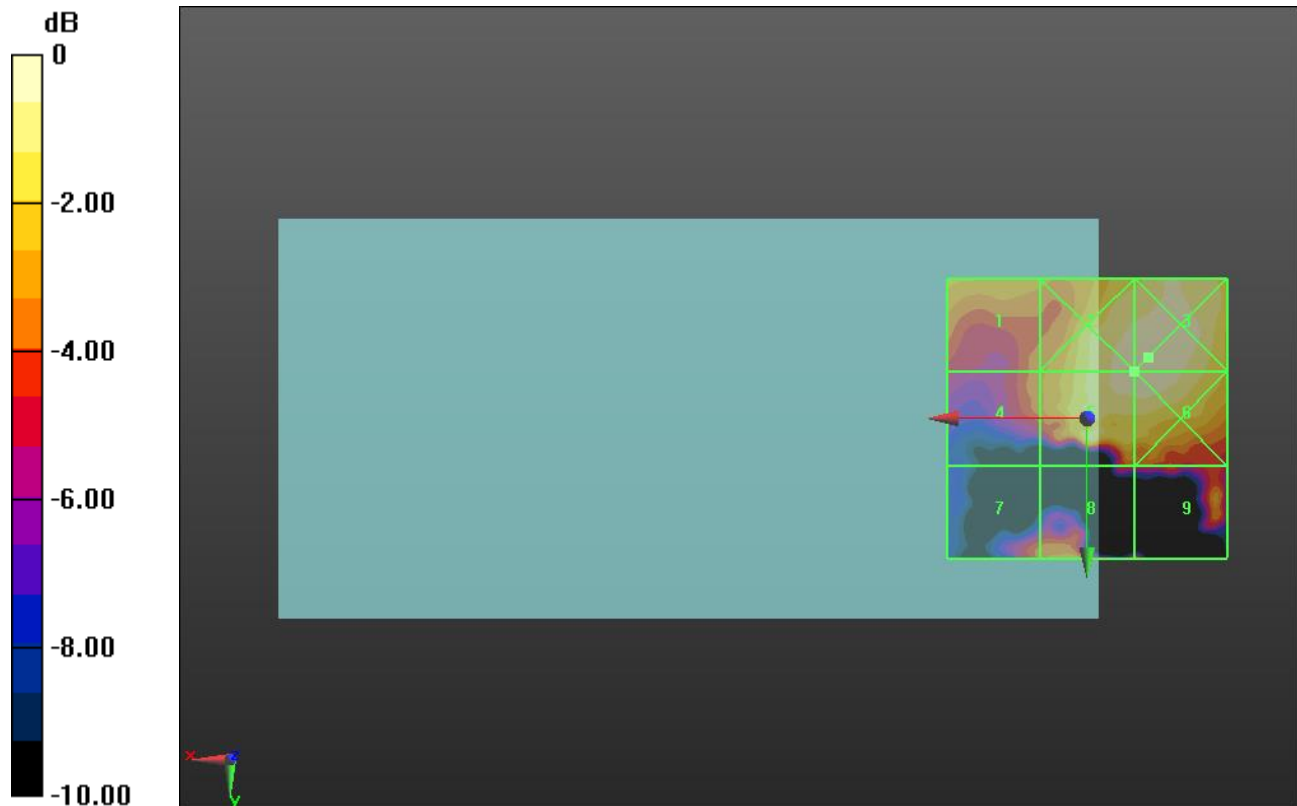
Applied MIF = -1.44 dB

RF audio interference level = 14.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.41 dBV/m	Grid 2 M4 14.71 dBV/m	Grid 3 M4 14.83 dBV/m
Grid 4 M4 11.43 dBV/m	Grid 5 M4 14.67 dBV/m	Grid 6 M4 14.75 dBV/m
Grid 7 M4 11.2 dBV/m	Grid 8 M4 12.71 dBV/m	Grid 9 M4 12.71 dBV/m



0 dB = 5.515 V/m = 14.83 dBV/m

