

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 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 47.82 V/m; Power Drift = 0.07 dB

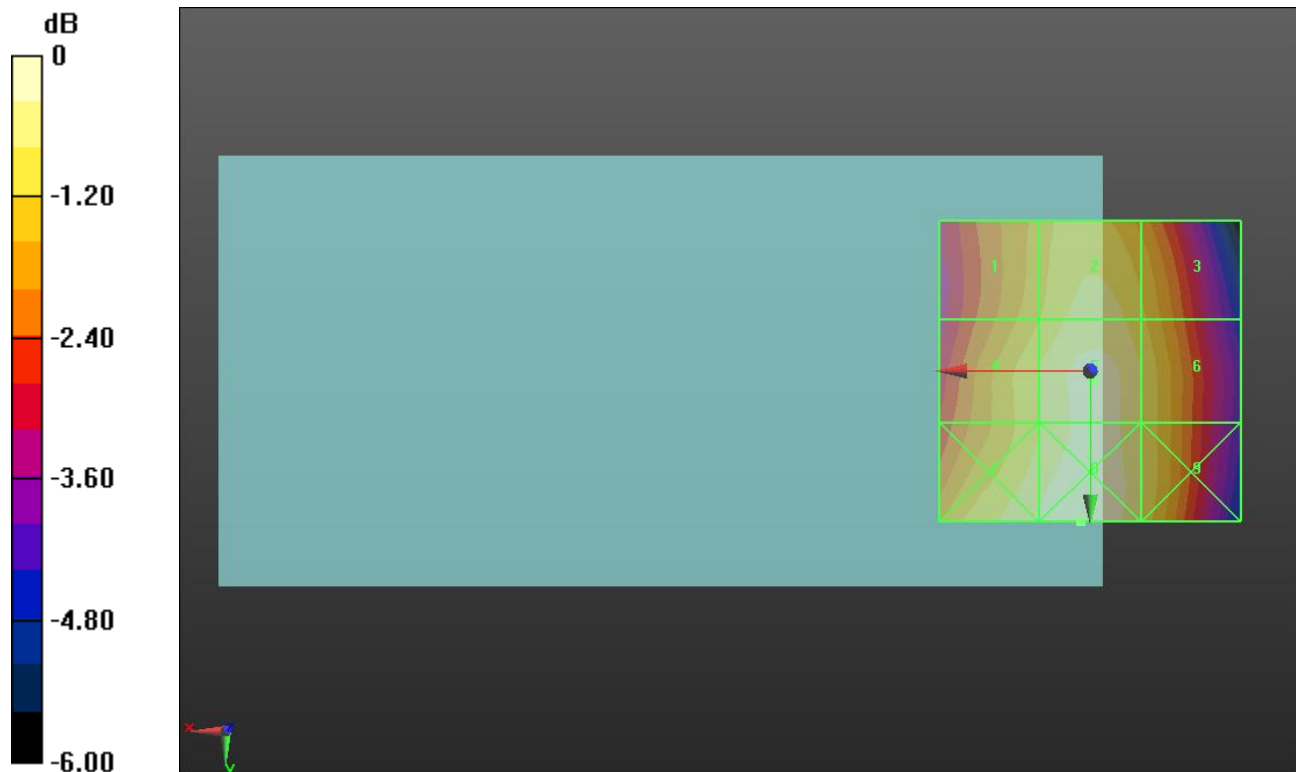
Applied MIF = 3.63 dB

RF audio interference level = 34.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.81 dBV/m	Grid 2 M4 34.4 dBV/m	Grid 3 M4 33.93 dBV/m
Grid 4 M4 34.24 dBV/m	Grid 5 M4 34.78 dBV/m	Grid 6 M4 34.24 dBV/m
Grid 7 M4 34.67 dBV/m	Grid 8 M4 35 dBV/m	Grid 9 M4 34.27 dBV/m



0 dB = 56.27 V/m = 35.01 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 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 53.54 V/m; Power Drift = 0.17 dB

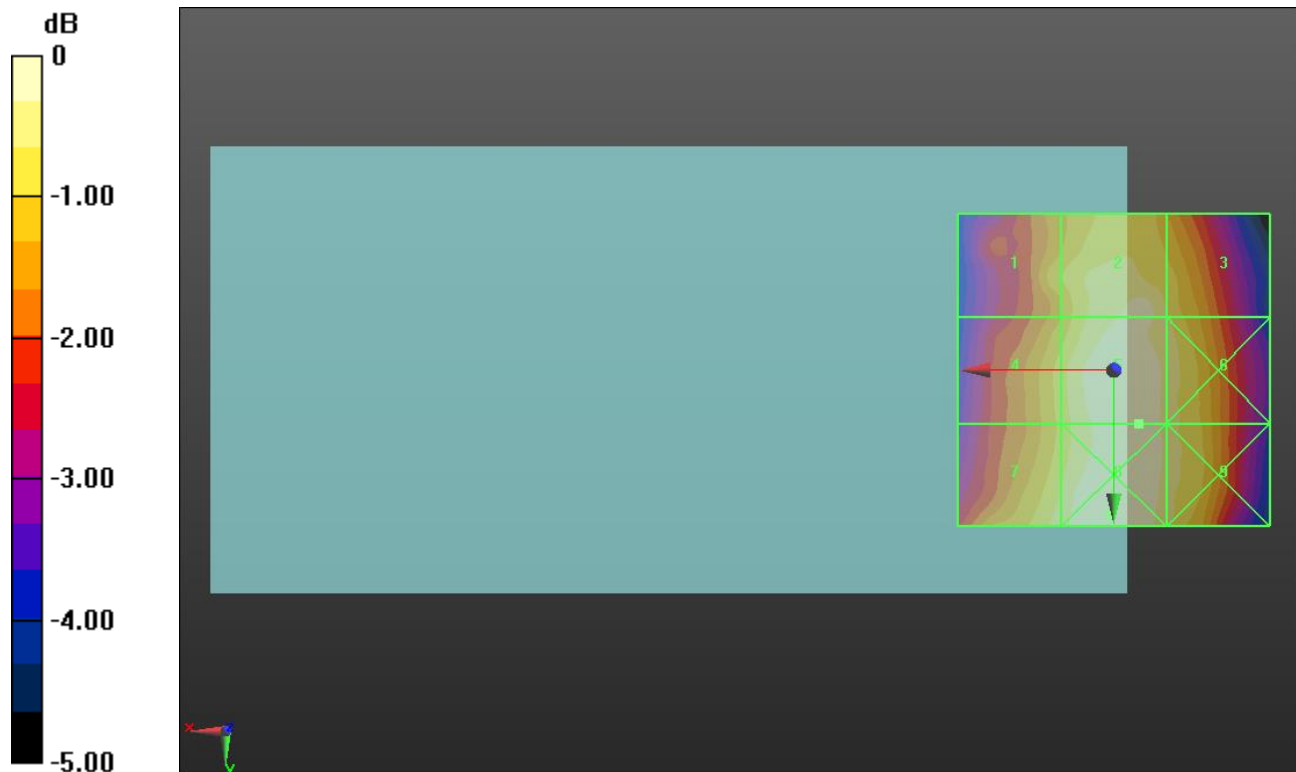
Applied MIF = 3.63 dB

RF audio interference level = 35.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.85 dBV/m	Grid 2 M4 35.68 dBV/m	Grid 3 M4 35.23 dBV/m
Grid 4 M4 35.05 dBV/m	Grid 5 M4 35.79 dBV/m	Grid 6 M4 35.44 dBV/m
Grid 7 M4 35.37 dBV/m	Grid 8 M4 35.86 dBV/m	Grid 9 M4 35.44 dBV/m



0 dB = 62.08 V/m = 35.86 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 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 49.89 V/m; Power Drift = 0.33 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.01 dBV/m	Grid 2 M4 35.02 dBV/m	Grid 3 M4 34.64 dBV/m
Grid 4 M4 34.17 dBV/m	Grid 5 M4 35.14 dBV/m	Grid 6 M4 34.77 dBV/m
Grid 7 M4 34.15 dBV/m	Grid 8 M4 35.15 dBV/m	Grid 9 M4 34.62 dBV/m



0 dB = 57.23 V/m = 35.15 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 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 18.49 V/m; Power Drift = 0.12 dB

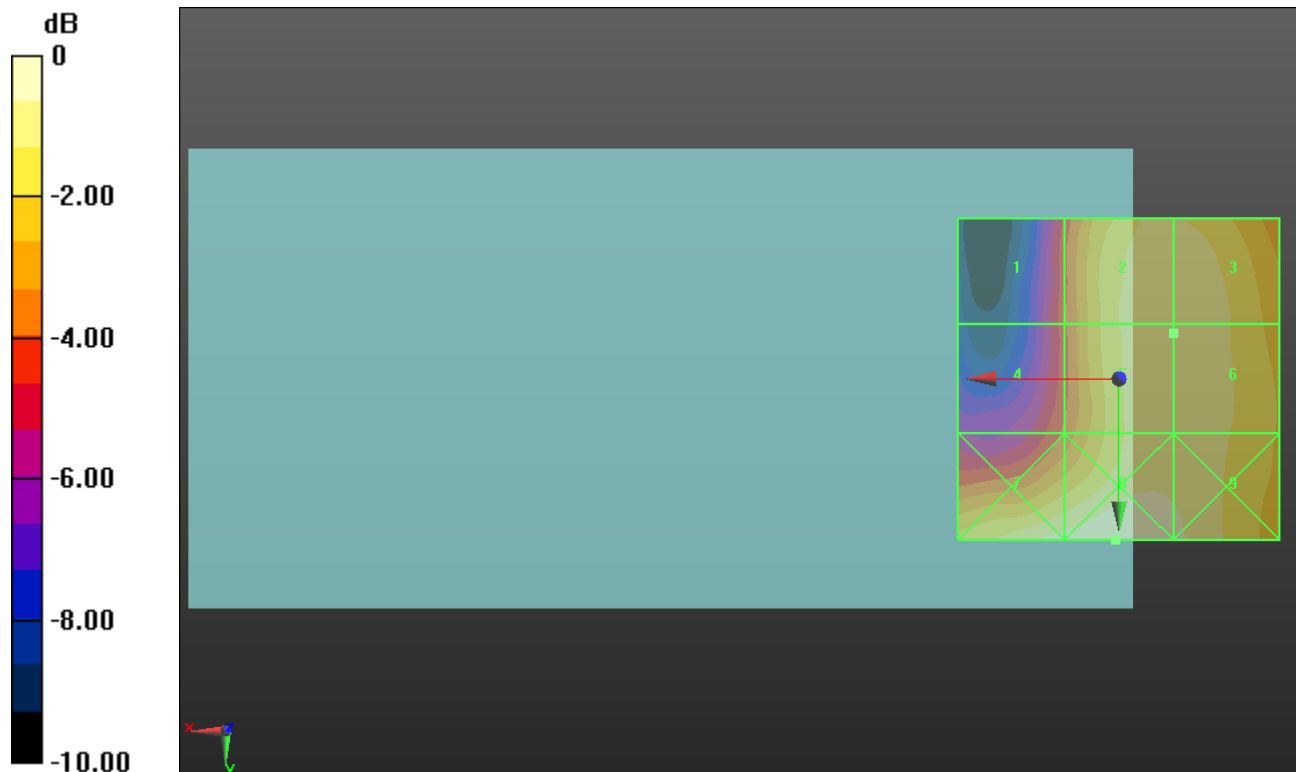
Applied MIF = 3.63 dB

RF audio interference level = 27.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.65 dBV/m	Grid 2 M4 27.94 dBV/m	Grid 3 M4 27.94 dBV/m
Grid 4 M4 24.95 dBV/m	Grid 5 M4 27.94 dBV/m	Grid 6 M4 27.94 dBV/m
Grid 7 M4 28.41 dBV/m	Grid 8 M4 28.74 dBV/m	Grid 9 M4 28.26 dBV/m



0 dB = 27.37 V/m = 28.75 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 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 18.96 V/m; Power Drift = -0.52 dB

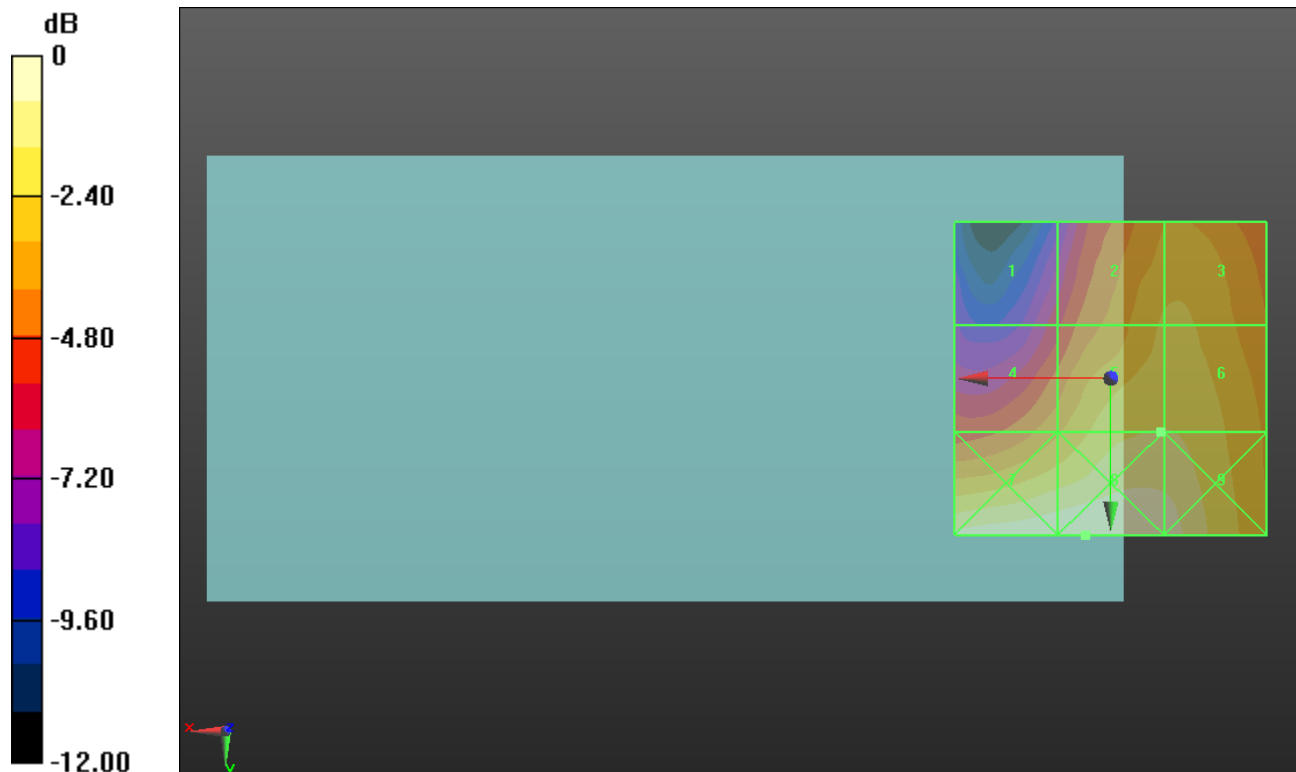
Applied MIF = 3.63 dB

RF audio interference level = 27.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.7 dBV/m	Grid 2 M4 27.21 dBV/m	Grid 3 M4 27.32 dBV/m
Grid 4 M4 26.15 dBV/m	Grid 5 M4 27.89 dBV/m	Grid 6 M4 27.89 dBV/m
Grid 7 M4 29.41 dBV/m	Grid 8 M4 29.45 dBV/m	Grid 9 M4 29.1 dBV/m



0 dB = 29.68 V/m = 29.45 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 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.32 V/m; Power Drift = 0.28 dB

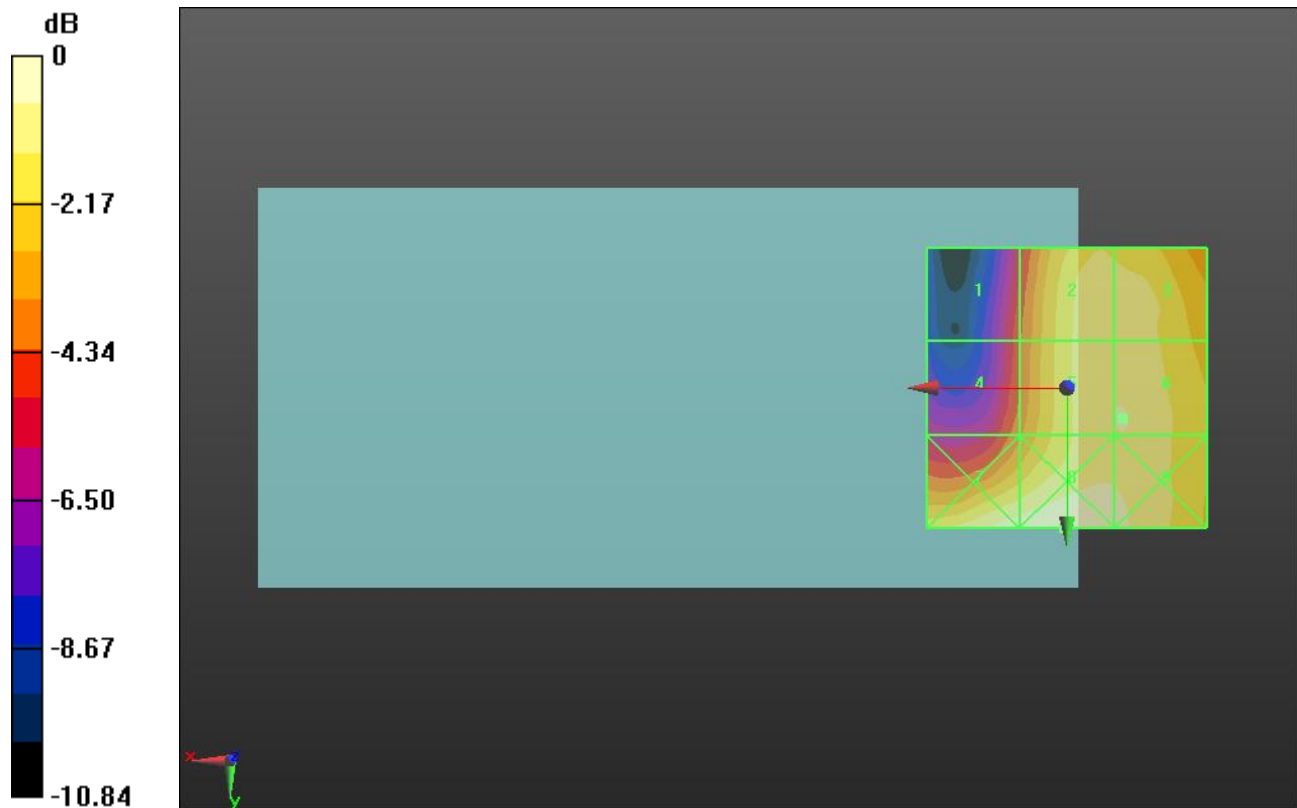
Applied MIF = 3.63 dB

RF audio interference level = 28.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.26 dBV/m	Grid 2 M4 28 dBV/m	Grid 3 M4 28 dBV/m
Grid 4 M4 24.98 dBV/m	Grid 5 M4 28 dBV/m	Grid 6 M4 28.02 dBV/m
Grid 7 M4 28.53 dBV/m	Grid 8 M4 28.73 dBV/m	Grid 9 M4 28.22 dBV/m



0 dB = 27.31 V/m = 28.73 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 24.37 V/m; Power Drift = 0.00 dB

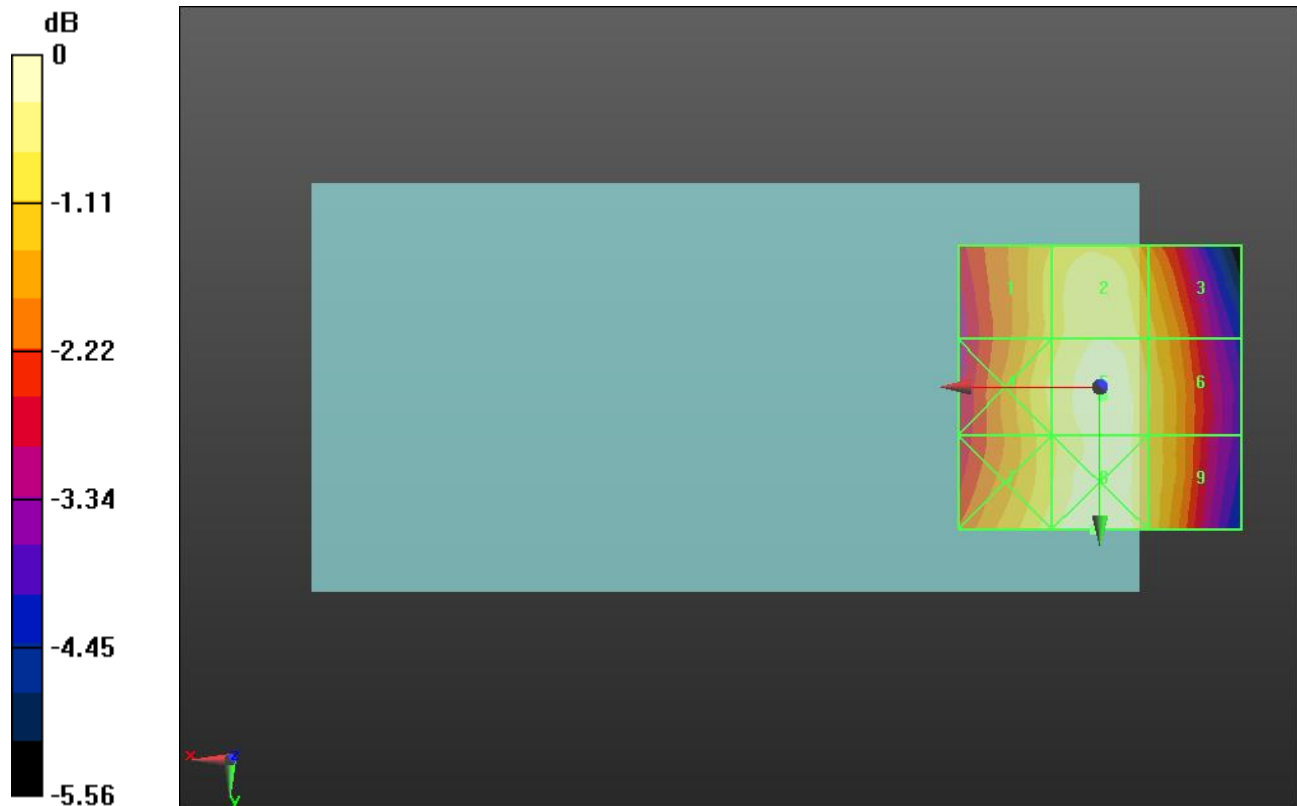
Applied MIF = 3.26 dB

RF audio interference level = 28.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.73 dBV/m	Grid 2 M4 28.3 dBV/m	Grid 3 M4 27.75 dBV/m
Grid 4 M4 28.02 dBV/m	Grid 5 M4 28.58 dBV/m	Grid 6 M4 27.98 dBV/m
Grid 7 M4 28.16 dBV/m	Grid 8 M4 28.66 dBV/m	Grid 9 M4 27.95 dBV/m



0 dB = 27.09 V/m = 28.66 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 = 25.49 V/m; Power Drift = 0.01 dB

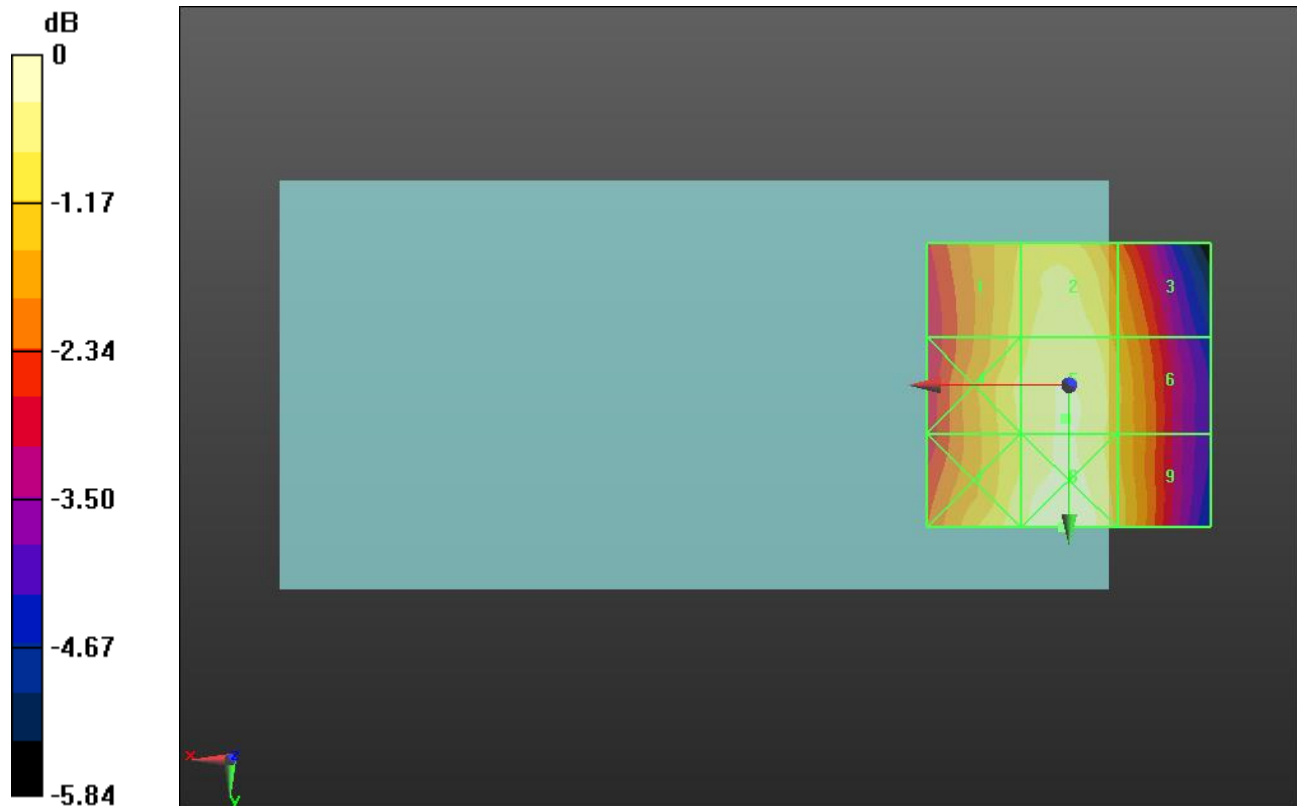
Applied MIF = 3.26 dB

RF audio interference level = 29.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.49 dBV/m	Grid 2 M4 28.84 dBV/m	Grid 3 M4 28.1 dBV/m
Grid 4 M4 28.75 dBV/m	Grid 5 M4 29.06 dBV/m	Grid 6 M4 28.37 dBV/m
Grid 7 M4 28.93 dBV/m	Grid 8 M4 29.41 dBV/m	Grid 9 M4 28.53 dBV/m



0 dB = 29.56 V/m = 29.41 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 = 25.66 V/m; Power Drift = 0.03 dB

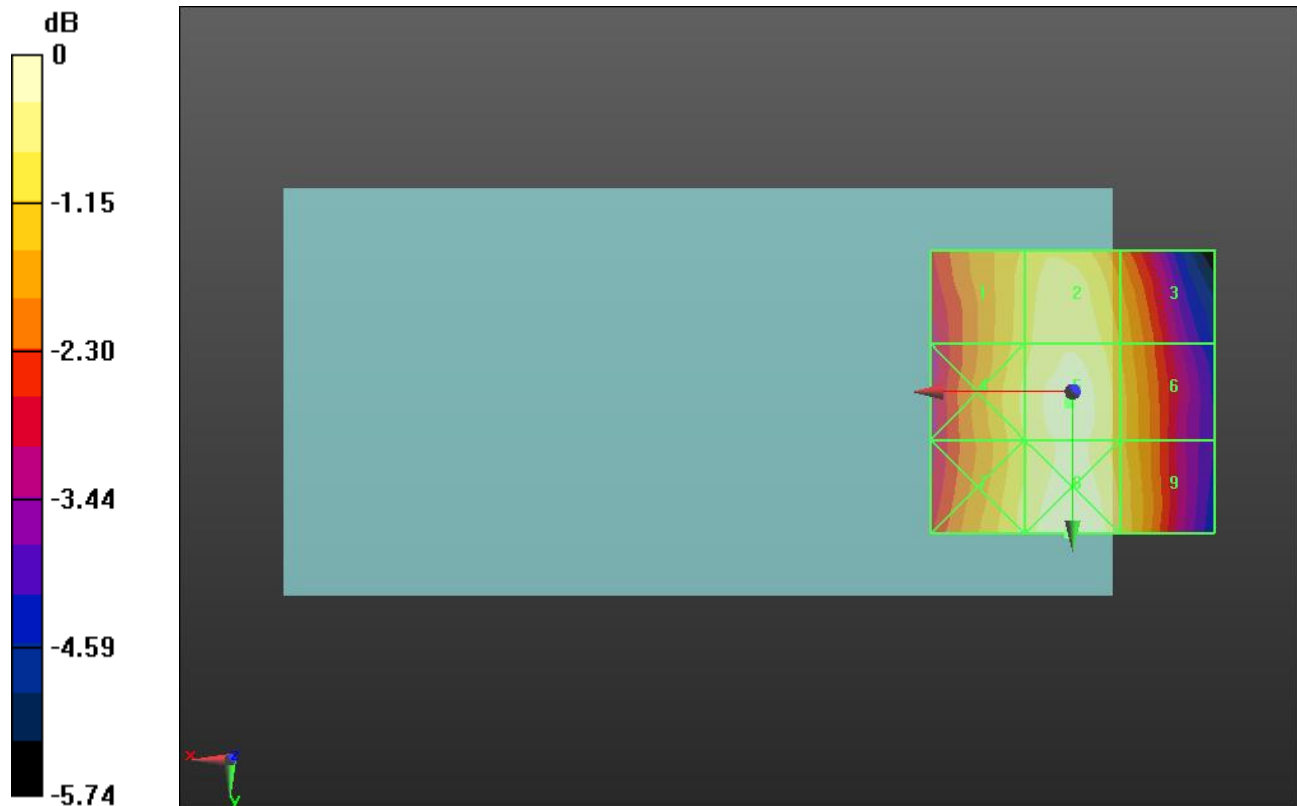
Applied MIF = 3.26 dB

RF audio interference level = 29.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.42 dBV/m	Grid 2 M4 28.89 dBV/m	Grid 3 M4 28.14 dBV/m
Grid 4 M4 28.65 dBV/m	Grid 5 M4 29.09 dBV/m	Grid 6 M4 28.34 dBV/m
Grid 7 M4 28.7 dBV/m	Grid 8 M4 29.31 dBV/m	Grid 9 M4 28.56 dBV/m



0 dB = 29.22 V/m = 29.31 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 = 7.604 V/m; Power Drift = -0.01 dB

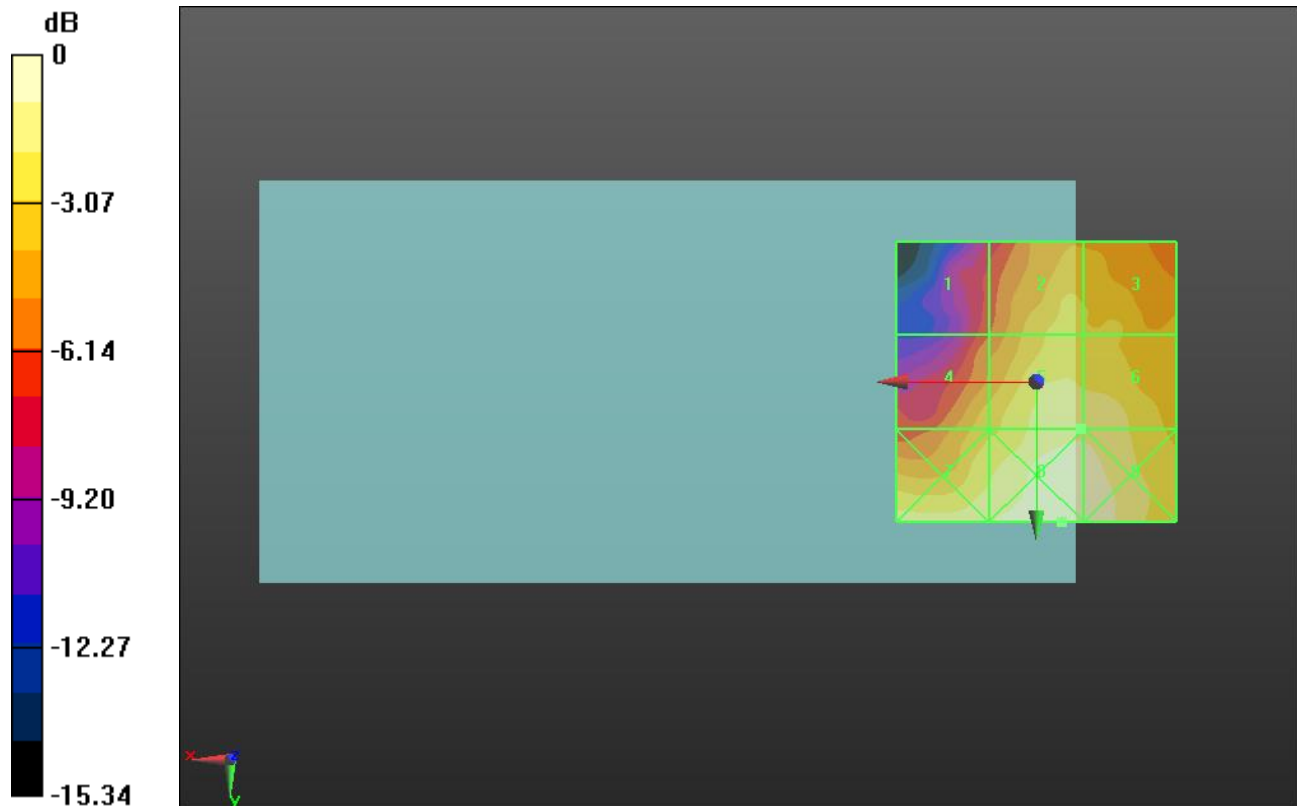
Applied MIF = 3.26 dB

RF audio interference level = 20.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.25 dBV/m	Grid 2 M4 18.62 dBV/m	Grid 3 M4 18.49 dBV/m
Grid 4 M4 18.12 dBV/m	Grid 5 M4 20.27 dBV/m	Grid 6 M4 20.27 dBV/m
Grid 7 M4 20.28 dBV/m	Grid 8 M4 21.41 dBV/m	Grid 9 M4 21.21 dBV/m



0 dB = 11.77 V/m = 21.42 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 = 9.014 V/m; Power Drift = -0.08 dB

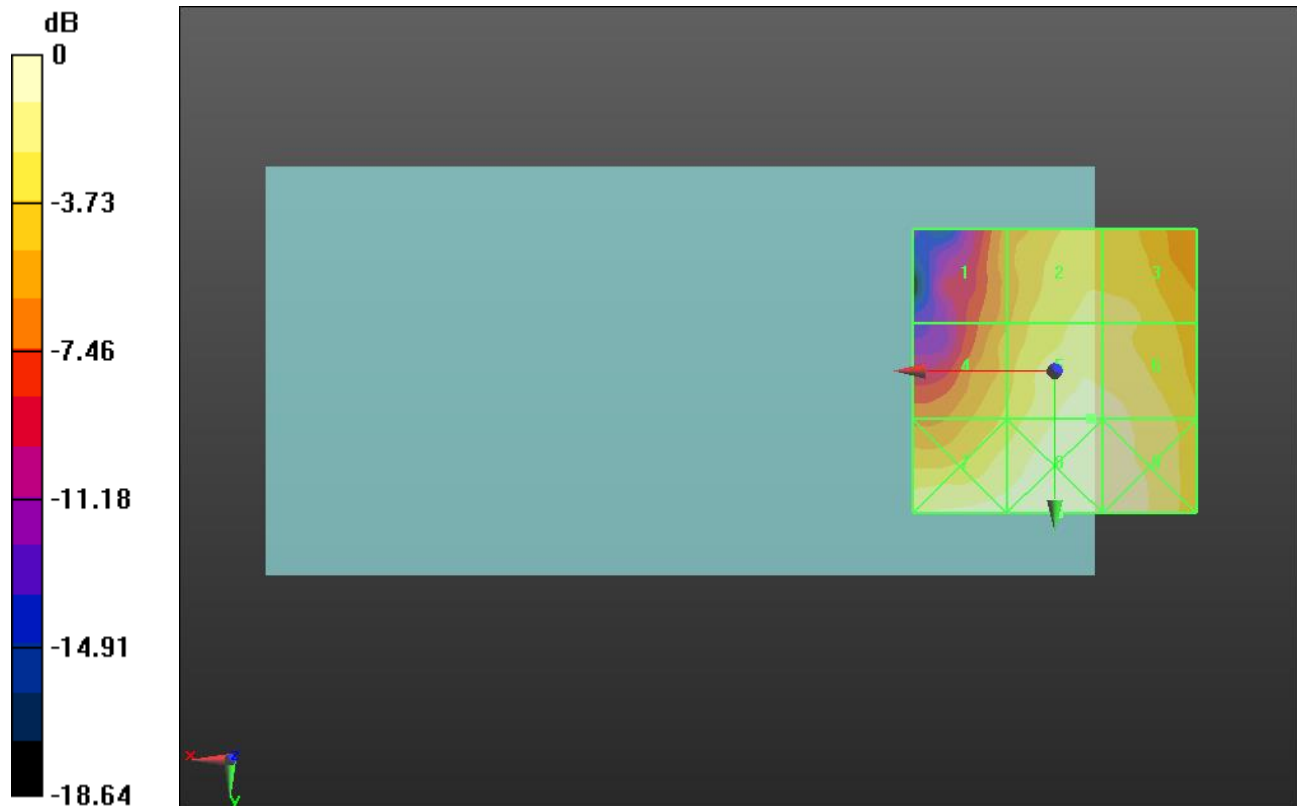
Applied MIF = 3.26 dB

RF audio interference level = 21.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.68 dBV/m	Grid 2 M4 19.77 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 18.59 dBV/m	Grid 5 M4 21.11 dBV/m	Grid 6 M4 21.07 dBV/m
Grid 7 M4 21.46 dBV/m	Grid 8 M4 21.95 dBV/m	Grid 9 M4 21.73 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 = 9.675 V/m; Power Drift = 0.04 dB

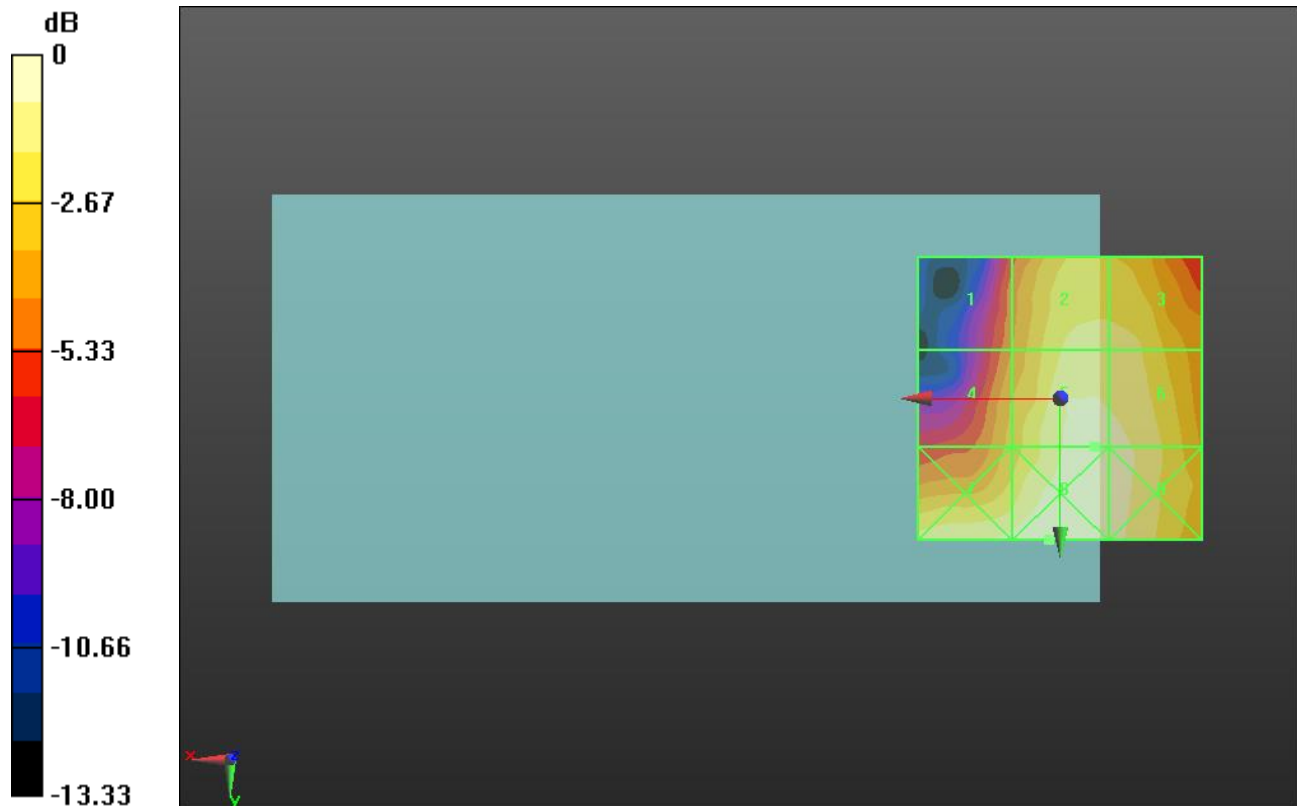
Applied MIF = 3.26 dB

RF audio interference level = 21.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.62 dBV/m	Grid 2 M4 20.76 dBV/m	Grid 3 M4 20.63 dBV/m
Grid 4 M4 18.88 dBV/m	Grid 5 M4 21.54 dBV/m	Grid 6 M4 21.43 dBV/m
Grid 7 M4 21.48 dBV/m	Grid 8 M4 22.01 dBV/m	Grid 9 M4 21.56 dBV/m



0 dB = 12.60 V/m = 22.01 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 = 23.73 V/m; Power Drift = -0.01 dB

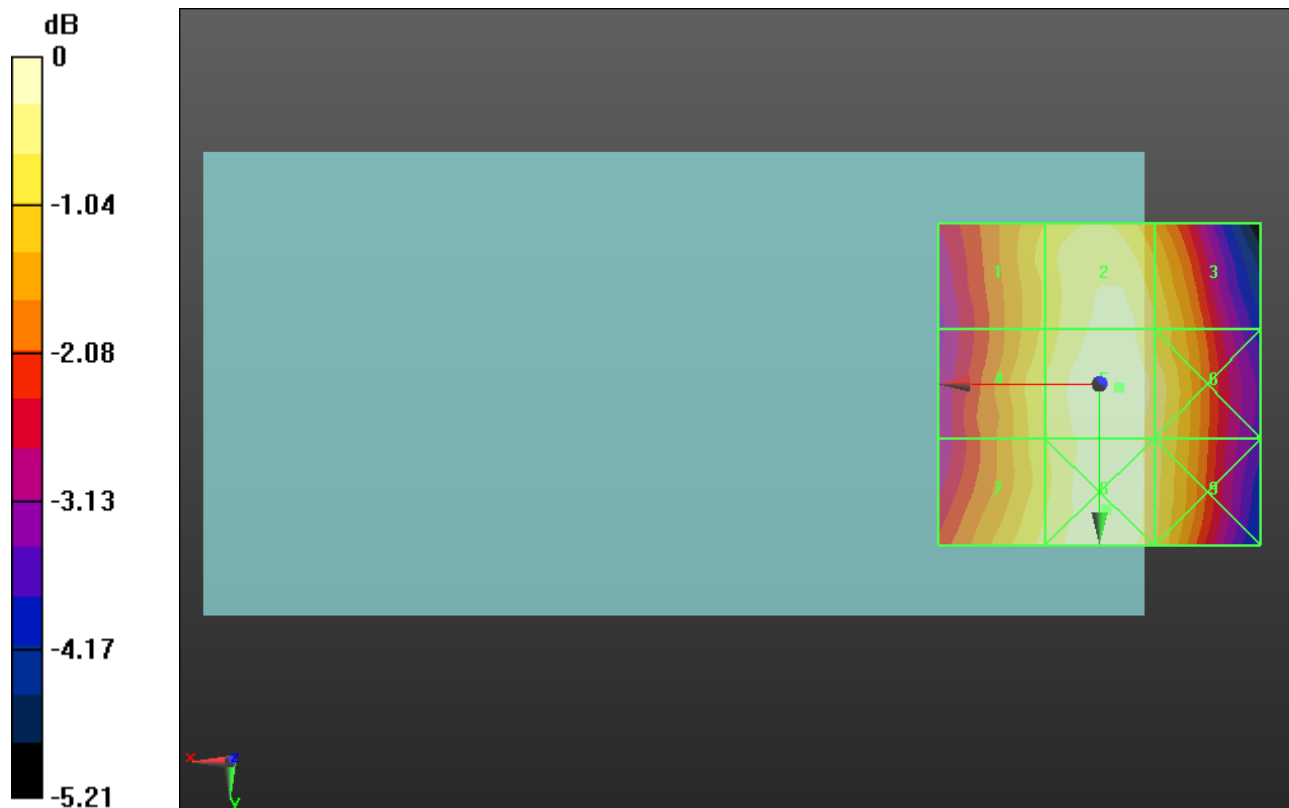
Applied MIF = 3.26 dB

RF audio interference level = 28.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.43 dBV/m	Grid 2 M4 28.08 dBV/m	Grid 3 M4 27.66 dBV/m
Grid 4 M4 27.66 dBV/m	Grid 5 M4 28.3 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 27.74 dBV/m	Grid 8 M4 28.31 dBV/m	Grid 9 M4 27.79 dBV/m



0 dB = 26.03 V/m = 28.31 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 = 23.72 V/m; Power Drift = -0.01 dB

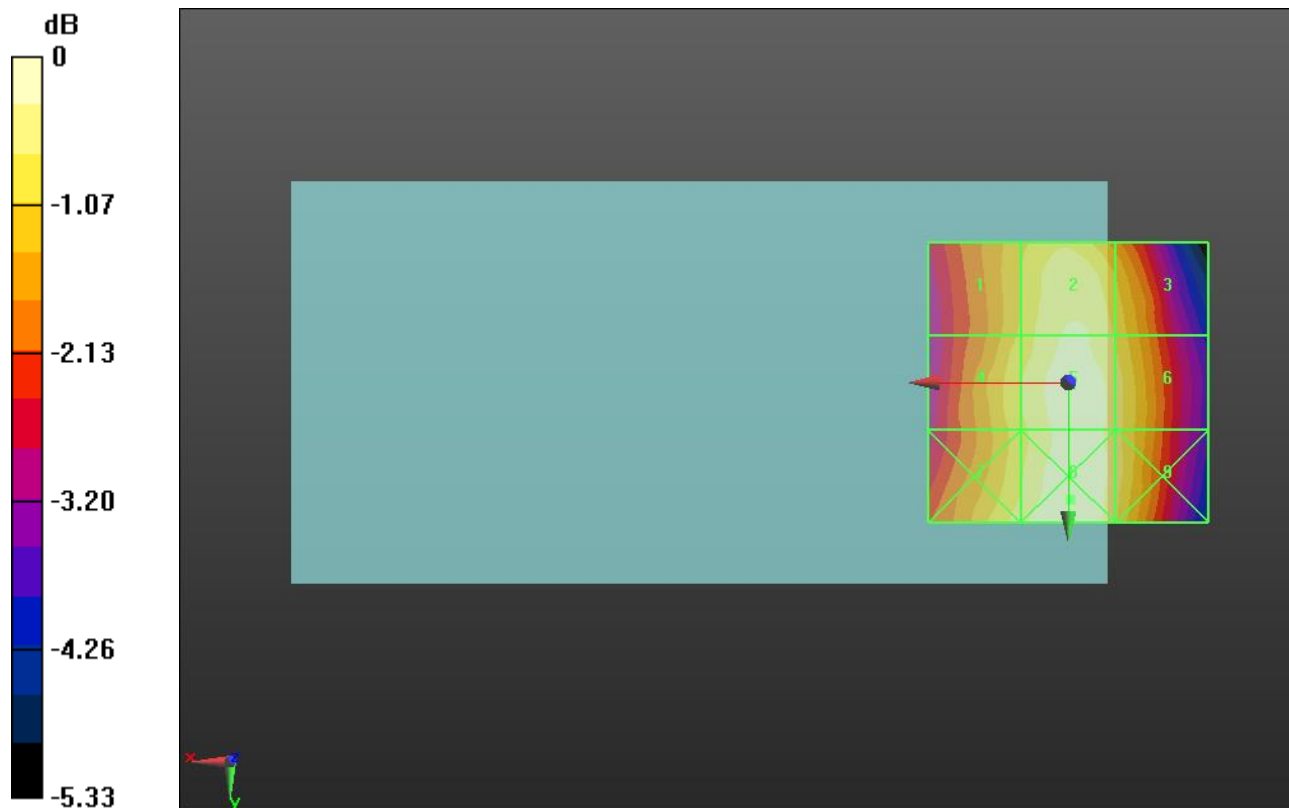
Applied MIF = 3.26 dB

RF audio interference level = 28.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.41 dBV/m	Grid 2 M4 28.09 dBV/m	Grid 3 M4 27.63 dBV/m
Grid 4 M4 27.68 dBV/m	Grid 5 M4 28.36 dBV/m	Grid 6 M4 27.86 dBV/m
Grid 7 M4 27.9 dBV/m	Grid 8 M4 28.39 dBV/m	Grid 9 M4 27.89 dBV/m



0 dB = 26.28 V/m = 28.39 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 23.93 V/m; Power Drift = -0.04 dB

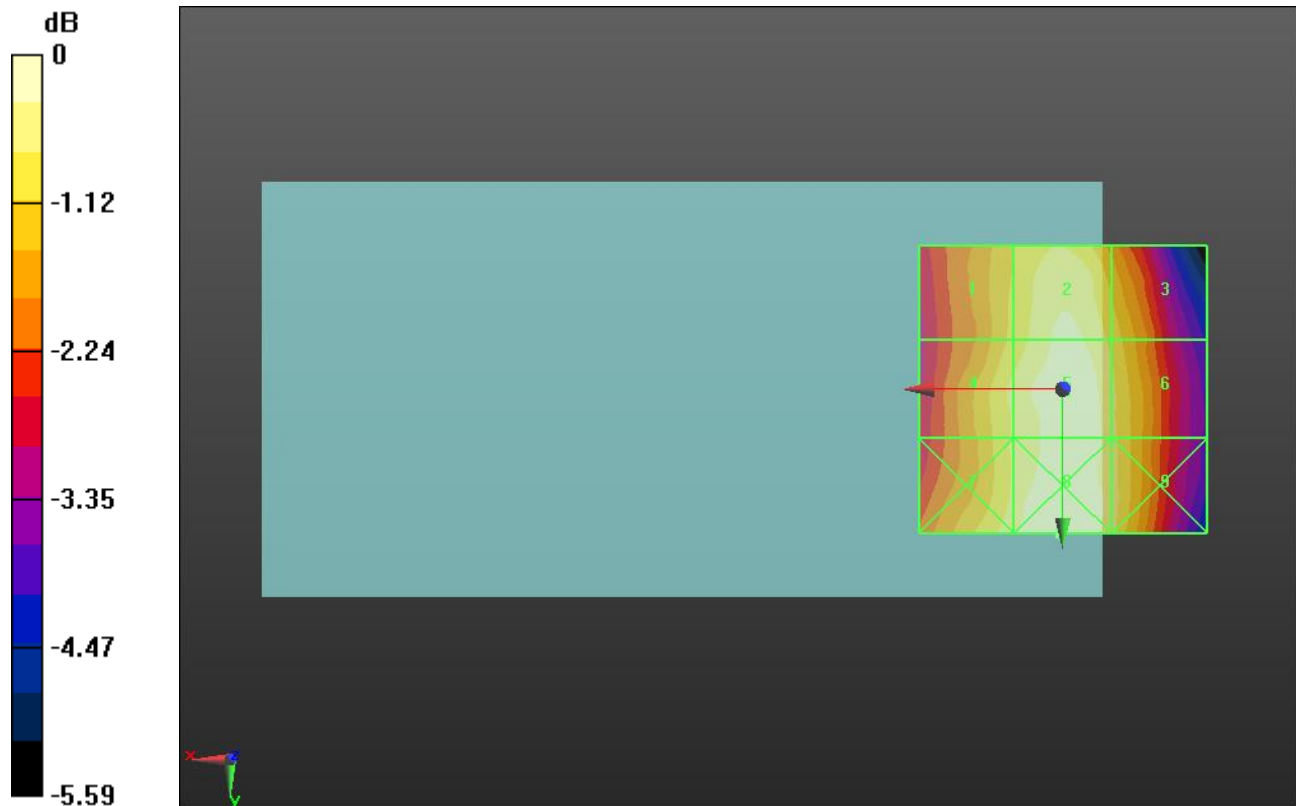
Applied MIF = 3.26 dB

RF audio interference level = 28.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.47 dBV/m	Grid 2 M4 28.18 dBV/m	Grid 3 M4 27.59 dBV/m
Grid 4 M4 27.81 dBV/m	Grid 5 M4 28.41 dBV/m	Grid 6 M4 27.83 dBV/m
Grid 7 M4 27.96 dBV/m	Grid 8 M4 28.43 dBV/m	Grid 9 M4 27.88 dBV/m



0 dB = 26.41 V/m = 28.44 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 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 79.97 V/m; Power Drift = 0.20 dB

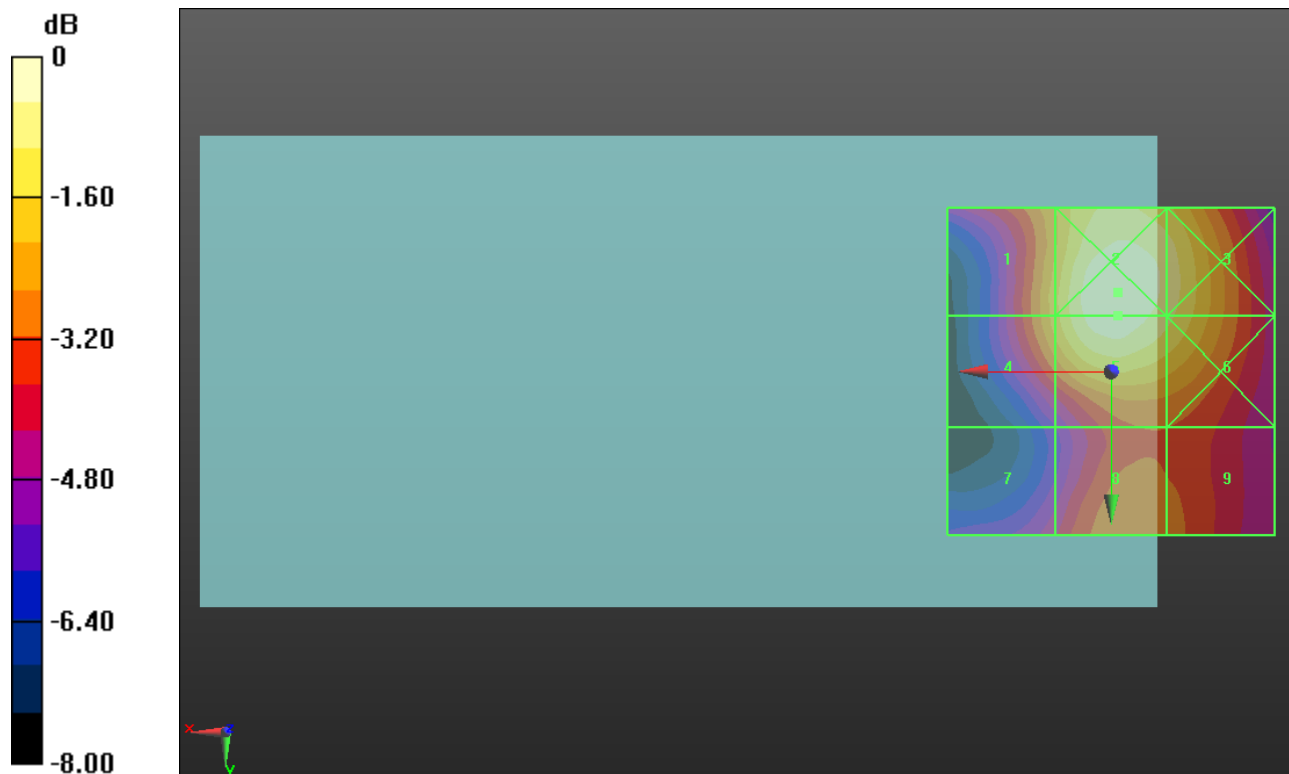
Applied MIF = -1.44 dB

RF audio interference level = 34.68 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.09 dBV/m	Grid 2 M3 34.82 dBV/m	Grid 3 M3 34.14 dBV/m
Grid 4 M3 33.02 dBV/m	Grid 5 M3 34.68 dBV/m	Grid 6 M3 33.94 dBV/m
Grid 7 M3 30.51 dBV/m	Grid 8 M3 32.16 dBV/m	Grid 9 M3 31.9 dBV/m



0 dB = 55.10 V/m = 34.82 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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 77.75 V/m; Power Drift = 0.14 dB

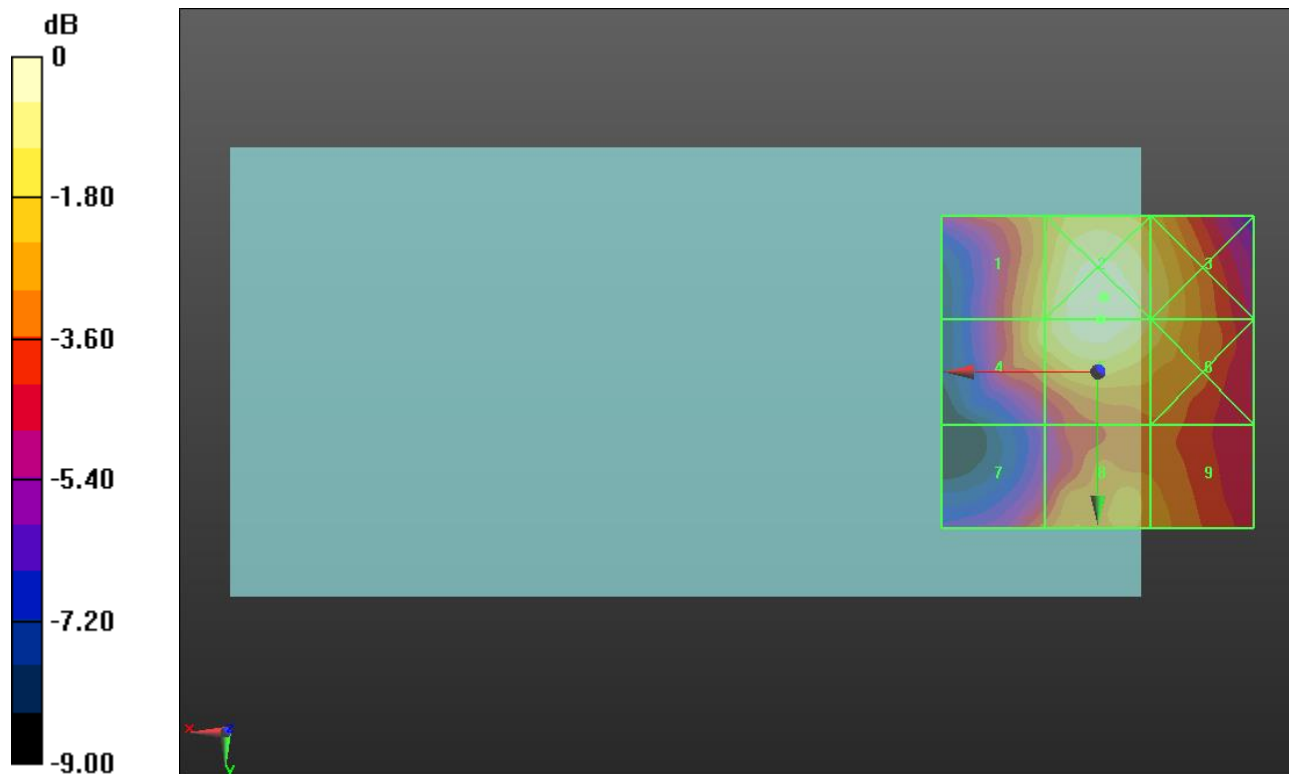
Applied MIF = -1.44 dB

RF audio interference level = 34.26 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.82 dBV/m	Grid 2 M3 34.38 dBV/m	Grid 3 M3 33.28 dBV/m
Grid 4 M3 32.96 dBV/m	Grid 5 M3 34.26 dBV/m	Grid 6 M3 33.17 dBV/m
Grid 7 M3 31.15 dBV/m	Grid 8 M3 32.25 dBV/m	Grid 9 M3 31.78 dBV/m



0 dB = 52.37 V/m = 34.38 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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 81.61 V/m; Power Drift = -0.09 dB

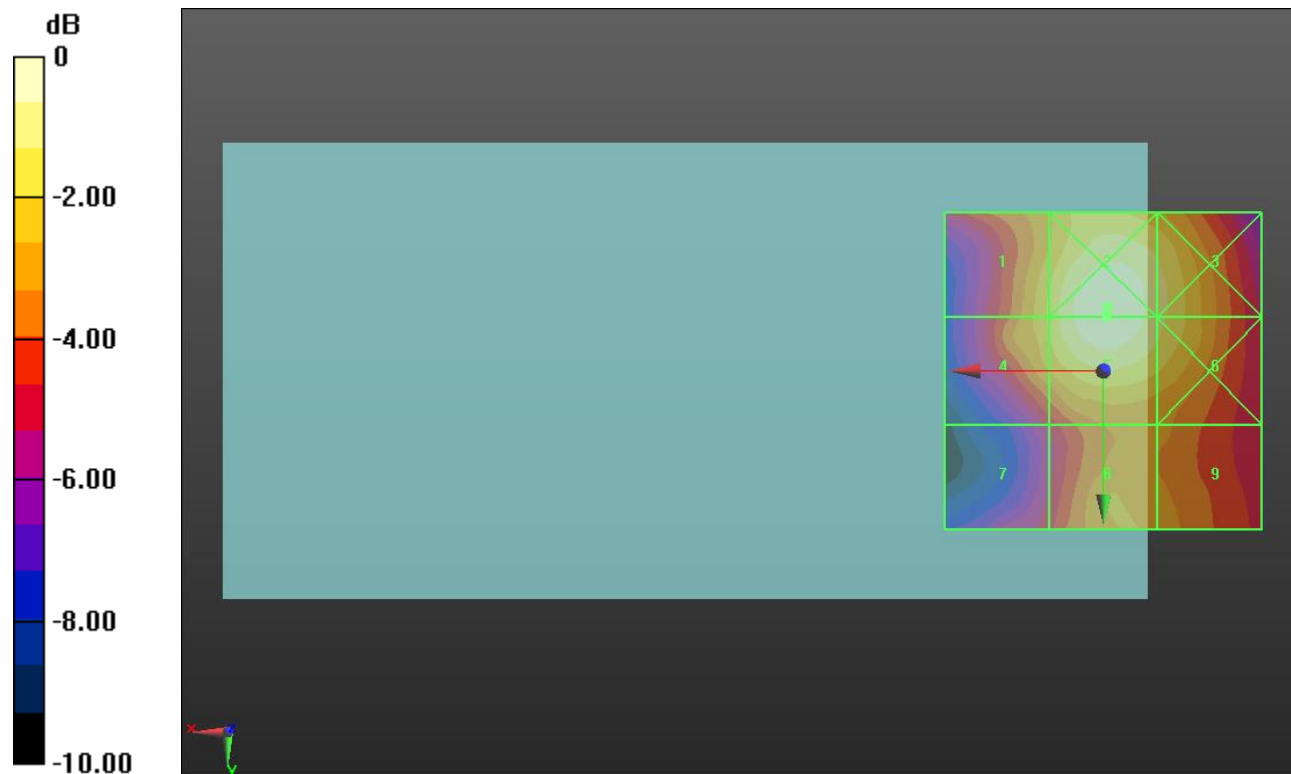
Applied MIF = -1.44 dB

RF audio interference level = 34.47 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.69 dBV/m	Grid 2 M3 34.52 dBV/m	Grid 3 M3 33.52 dBV/m
Grid 4 M3 32.69 dBV/m	Grid 5 M3 34.47 dBV/m	Grid 6 M3 33.47 dBV/m
Grid 7 M4 29.7 dBV/m	Grid 8 M3 31.93 dBV/m	Grid 9 M3 31.59 dBV/m



0 dB = 53.24 V/m = 34.52 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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 79.06 V/m; Power Drift = -0.17 dB

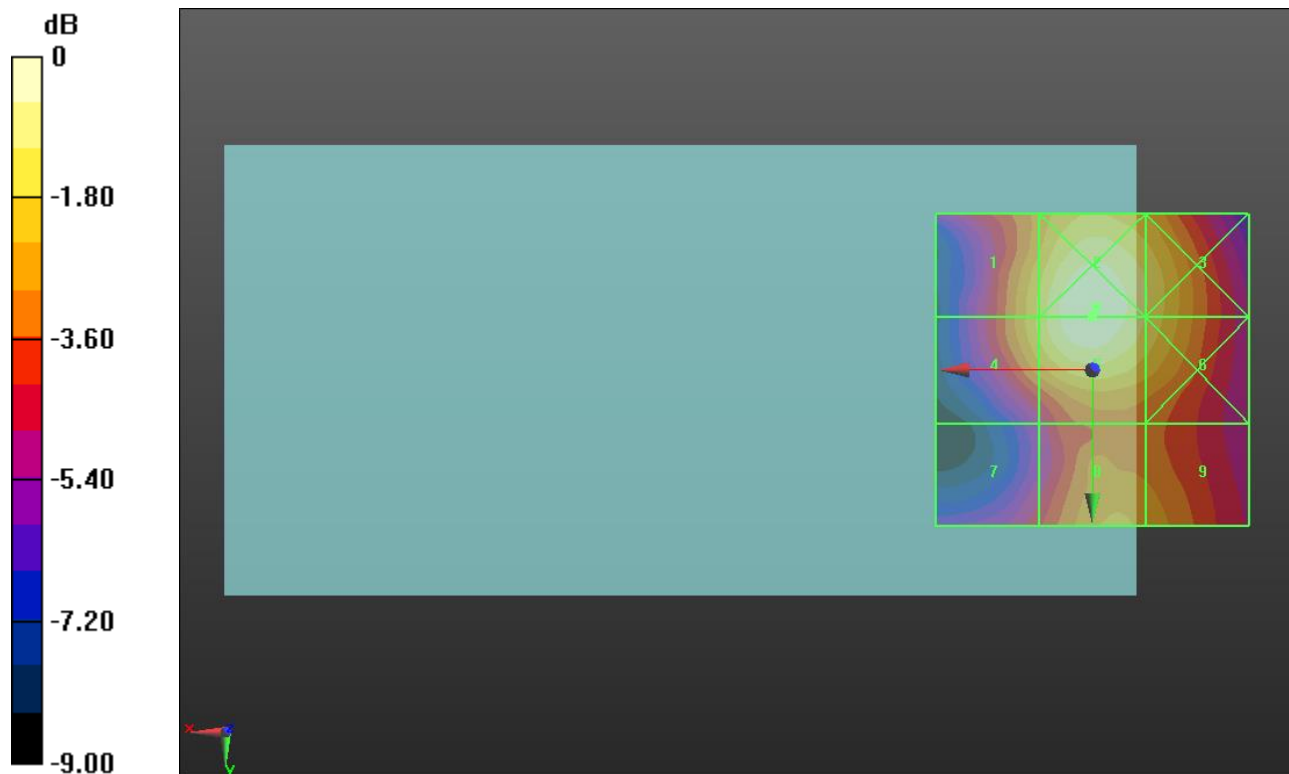
Applied MIF = -1.44 dB

RF audio interference level = 33.80 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.23 dBV/m	Grid 2 M3 33.84 dBV/m	Grid 3 M3 32.72 dBV/m
Grid 4 M3 32.23 dBV/m	Grid 5 M3 33.8 dBV/m	Grid 6 M3 32.65 dBV/m
Grid 7 M4 29.58 dBV/m	Grid 8 M3 31.52 dBV/m	Grid 9 M3 31.28 dBV/m



0 dB = 49.20 V/m = 33.84 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 70.70 V/m; Power Drift = 0.13 dB

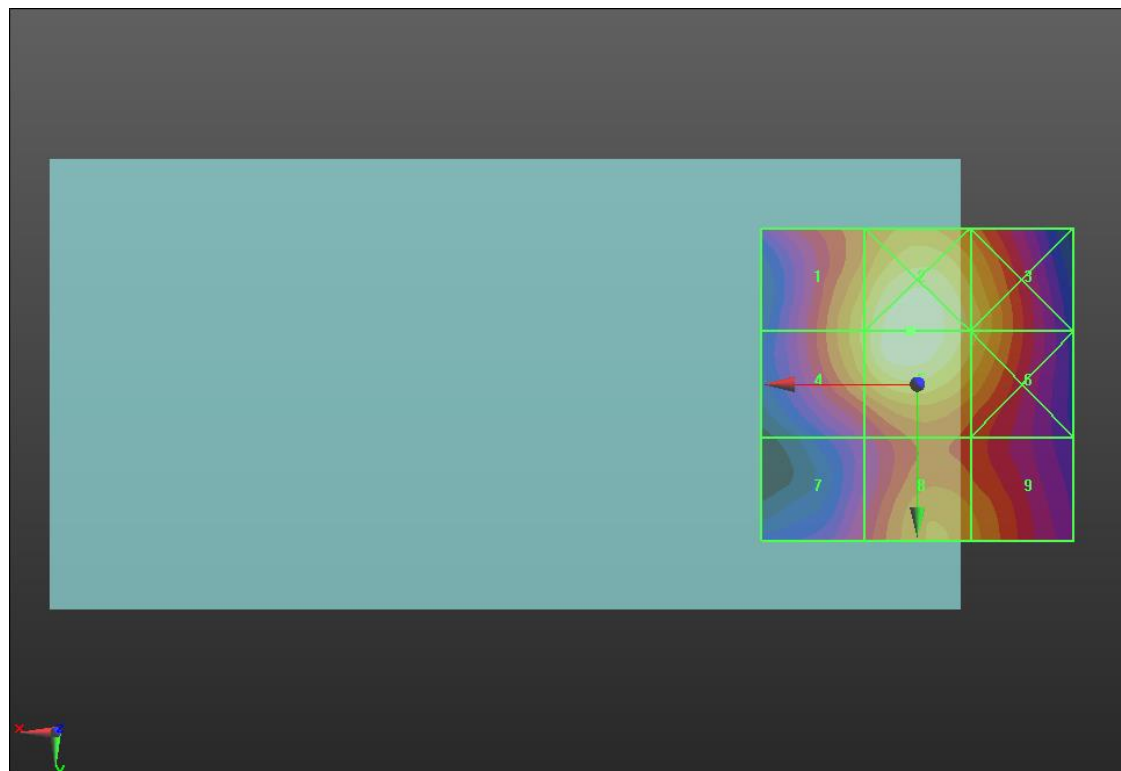
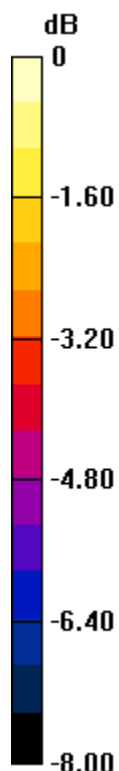
Applied MIF = -1.44 dB

RF audio interference level = 32.79 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.41 dBV/m	Grid 2 M3 32.79 dBV/m	Grid 3 M3 31.61 dBV/m
Grid 4 M3 31.43 dBV/m	Grid 5 M3 32.79 dBV/m	Grid 6 M3 31.55 dBV/m
Grid 7 M4 28.73 dBV/m	Grid 8 M3 30.71 dBV/m	Grid 9 M3 30.36 dBV/m



0 dB = 43.61 V/m = 32.79 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 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 70.29 V/m; Power Drift = 0.05 dB

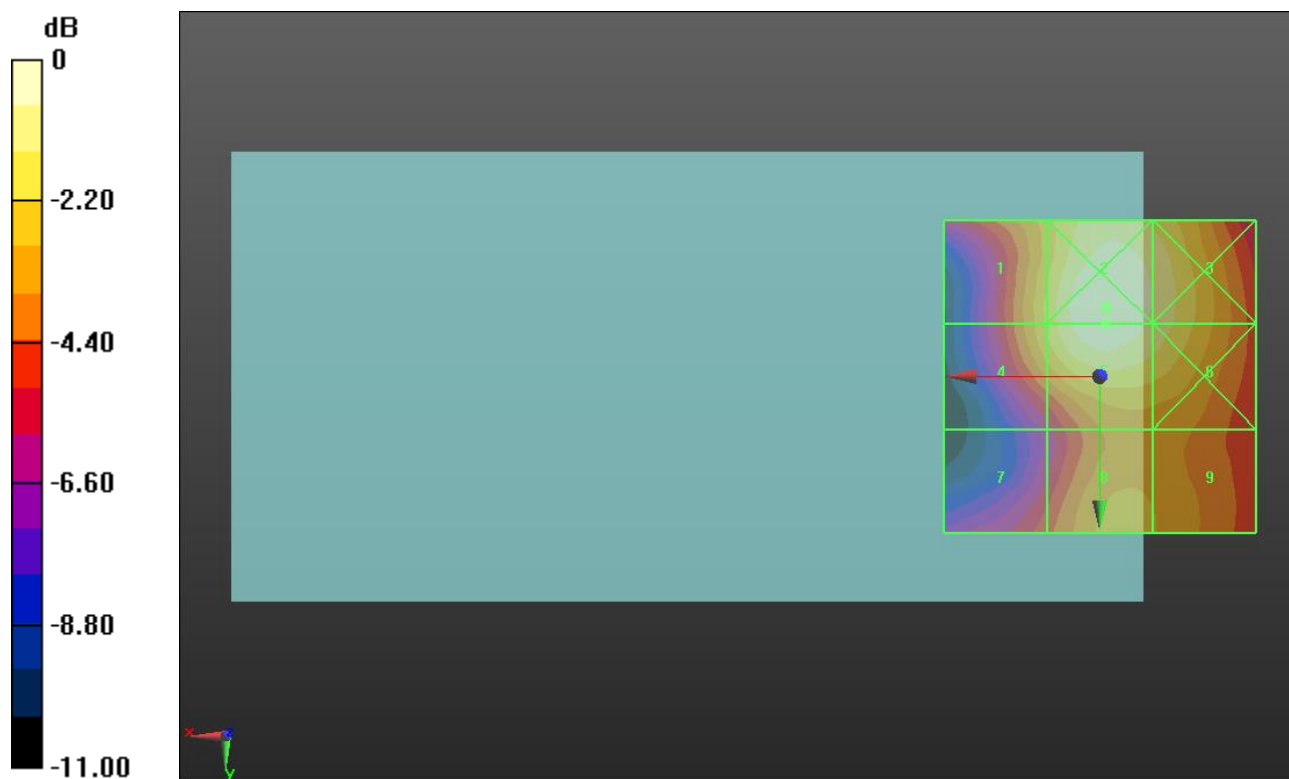
Applied MIF = -1.44 dB

RF audio interference level = 33.76 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.87 dBV/m	Grid 2 M3 33.89 dBV/m	Grid 3 M3 33.13 dBV/m
Grid 4 M3 31.81 dBV/m	Grid 5 M3 33.76 dBV/m	Grid 6 M3 32.99 dBV/m
Grid 7 M4 29.26 dBV/m	Grid 8 M3 31.32 dBV/m	Grid 9 M3 31.03 dBV/m



0 dB = 49.47 V/m = 33.89 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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 70.88 V/m; Power Drift = -0.14 dB

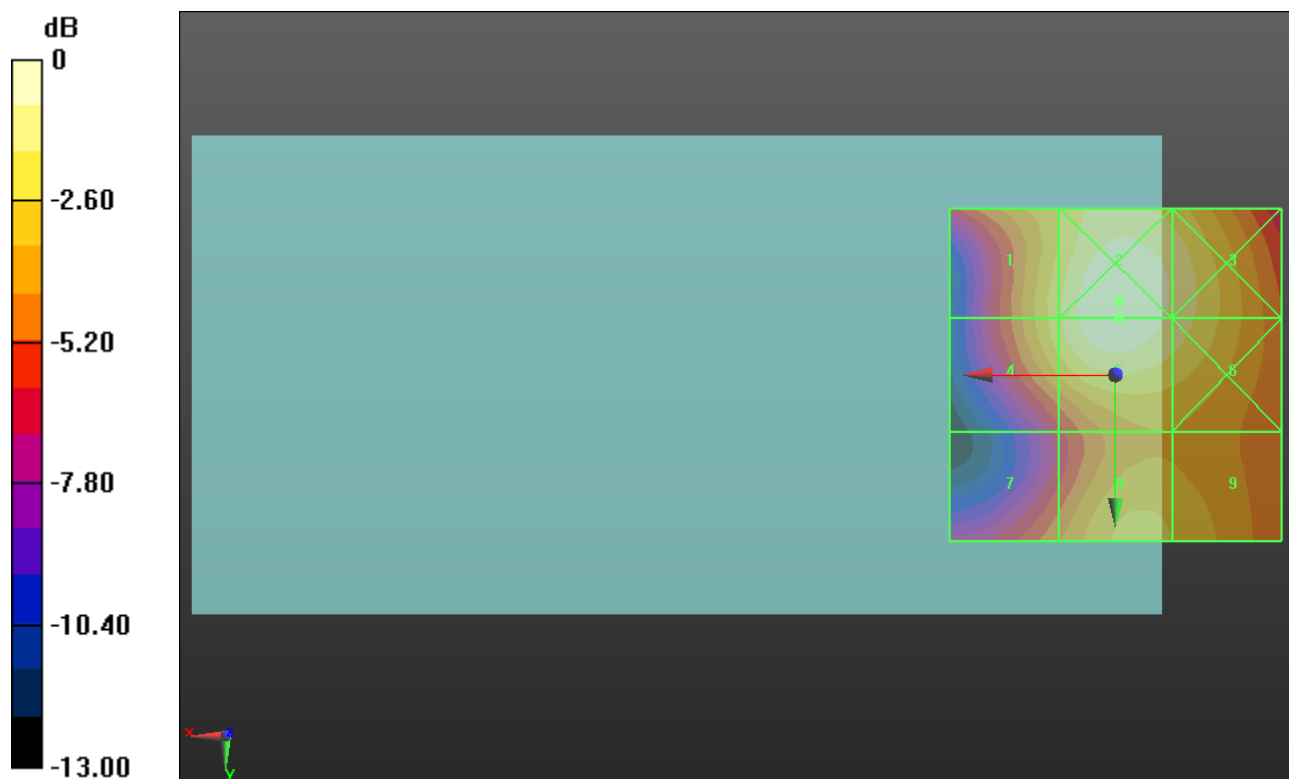
Applied MIF = -1.44 dB

RF audio interference level = 33.41 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.65 dBV/m	Grid 2 M3 33.52 dBV/m	Grid 3 M3 32.58 dBV/m
Grid 4 M3 31.6 dBV/m	Grid 5 M3 33.41 dBV/m	Grid 6 M3 32.44 dBV/m
Grid 7 M4 29.14 dBV/m	Grid 8 M3 31.24 dBV/m	Grid 9 M3 30.94 dBV/m



0 dB = 47.41 V/m = 33.52 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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 74.63 V/m; Power Drift = -0.05 dB

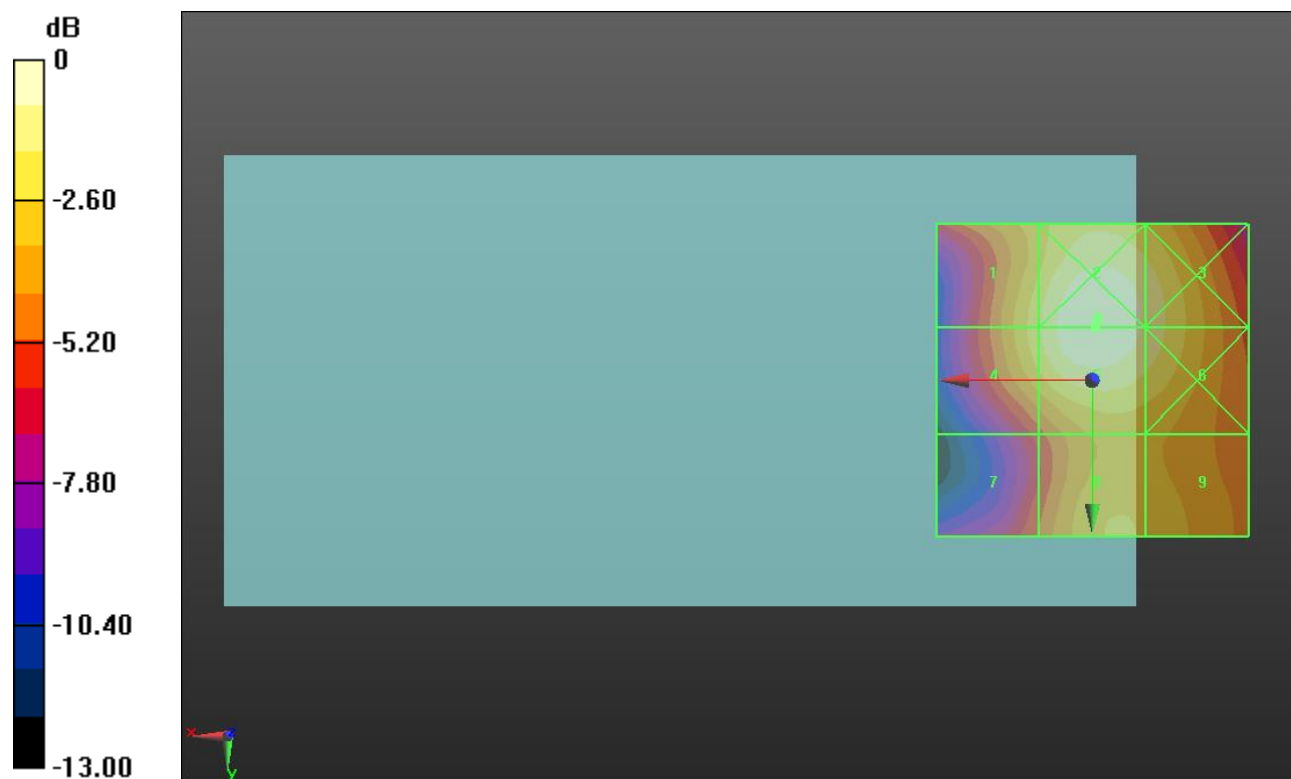
Applied MIF = -1.44 dB

RF audio interference level = 33.61 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.78 dBV/m	Grid 2 M3 33.62 dBV/m	Grid 3 M3 32.63 dBV/m
Grid 4 M3 31.78 dBV/m	Grid 5 M3 33.61 dBV/m	Grid 6 M3 32.6 dBV/m
Grid 7 M4 28.62 dBV/m	Grid 8 M3 31.11 dBV/m	Grid 9 M3 30.92 dBV/m



0 dB = 48.00 V/m = 33.62 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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 81.23 V/m; Power Drift = 0.07 dB

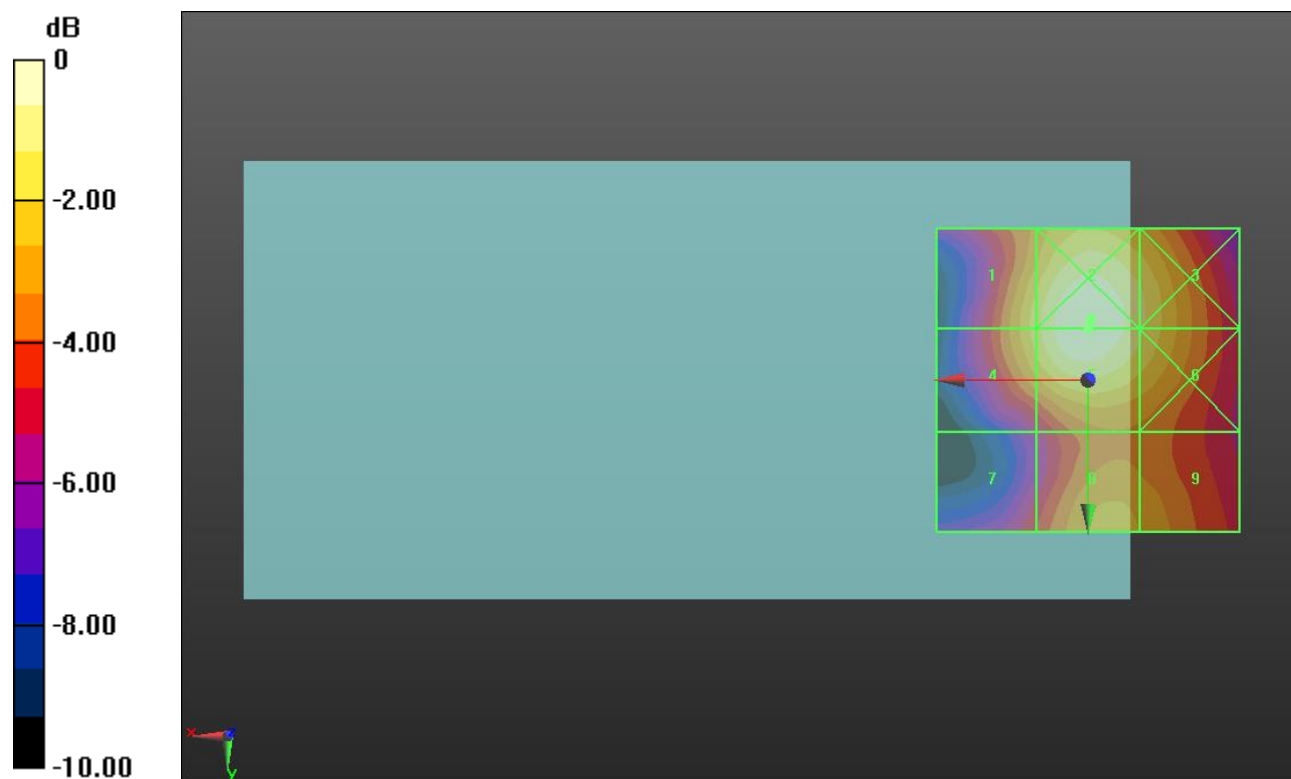
Applied MIF = -1.44 dB

RF audio interference level = 34.27 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.73 dBV/m	Grid 2 M3 34.3 dBV/m	Grid 3 M3 33.16 dBV/m
Grid 4 M3 32.71 dBV/m	Grid 5 M3 34.27 dBV/m	Grid 6 M3 33.12 dBV/m
Grid 7 M4 29.73 dBV/m	Grid 8 M3 31.88 dBV/m	Grid 9 M3 31.62 dBV/m



0 dB = 51.87 V/m = 34.30 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 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 77.76 V/m; Power Drift = 0.03 dB

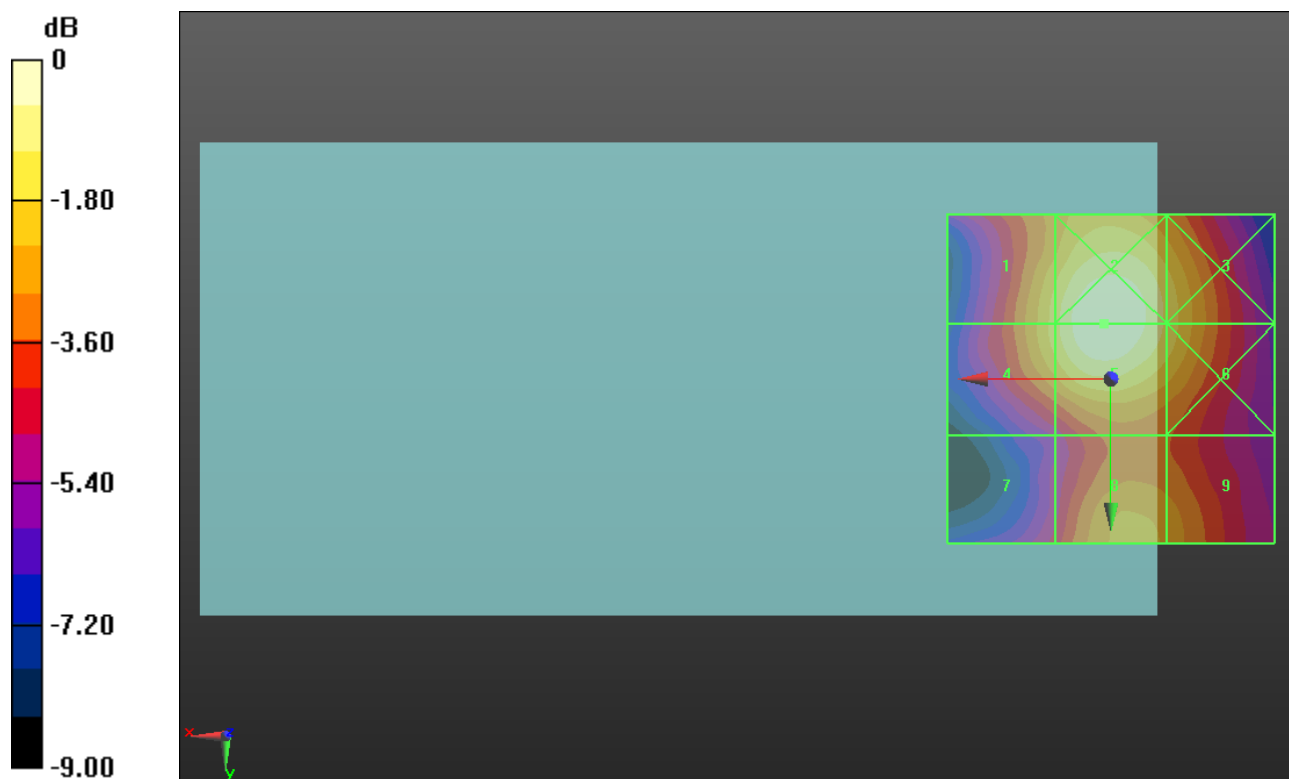
Applied MIF = -1.44 dB

RF audio interference level = 33.67 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.23 dBV/m	Grid 2 M3 33.67 dBV/m	Grid 3 M3 32.35 dBV/m
Grid 4 M3 32.24 dBV/m	Grid 5 M3 33.67 dBV/m	Grid 6 M3 32.34 dBV/m
Grid 7 M4 29.2 dBV/m	Grid 8 M3 31.55 dBV/m	Grid 9 M3 31.11 dBV/m



0 dB = 48.25 V/m = 33.67 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 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 122.9 V/m; Power Drift = -0.05 dB

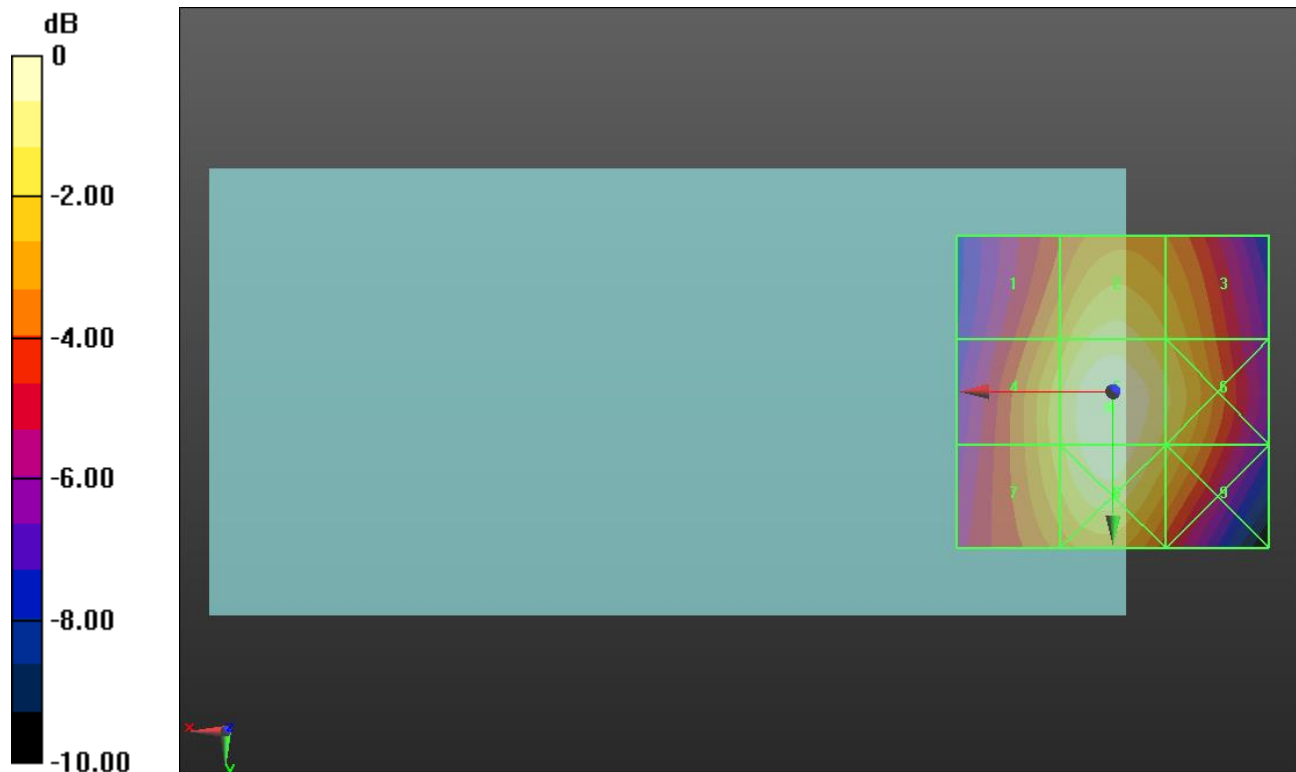
Applied MIF = 3.63 dB

RF audio interference level = 39.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.43 dBV/m	Grid 2 M4 38.94 dBV/m	Grid 3 M4 38.02 dBV/m
Grid 4 M4 38.49 dBV/m	Grid 5 M4 39.92 dBV/m	Grid 6 M4 38.74 dBV/m
Grid 7 M4 38.37 dBV/m	Grid 8 M4 39.71 dBV/m	Grid 9 M4 38.25 dBV/m



0 dB = 99.05 V/m = 39.92 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 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 128.9 V/m; Power Drift = -0.13 dB

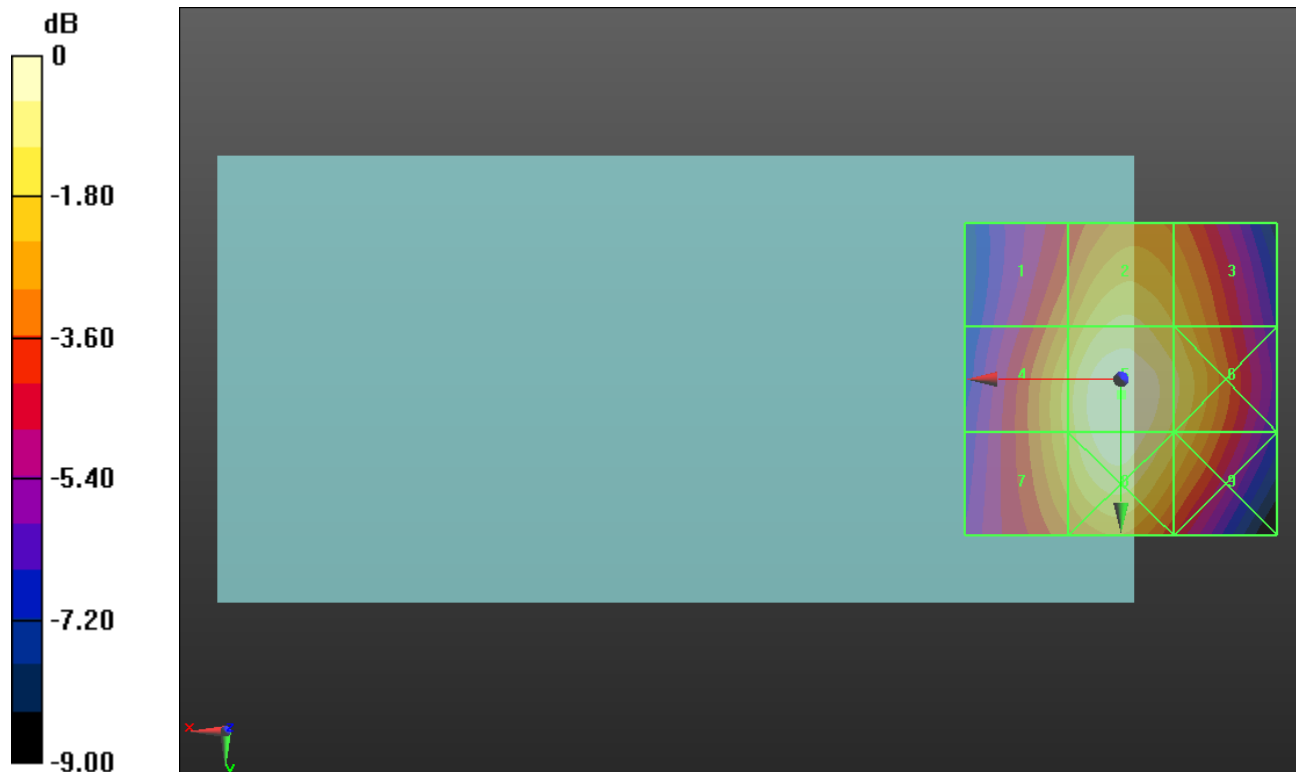
Applied MIF = 3.63 dB

RF audio interference level = 40.35 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.78 dBV/m	Grid 2 M4 39.37 dBV/m	Grid 3 M4 38.57 dBV/m
Grid 4 M4 38.9 dBV/m	Grid 5 M3 40.35 dBV/m	Grid 6 M4 39.35 dBV/m
Grid 7 M4 38.79 dBV/m	Grid 8 M3 40.16 dBV/m	Grid 9 M4 38.94 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: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 136.1 V/m; Power Drift = -0.06 dB

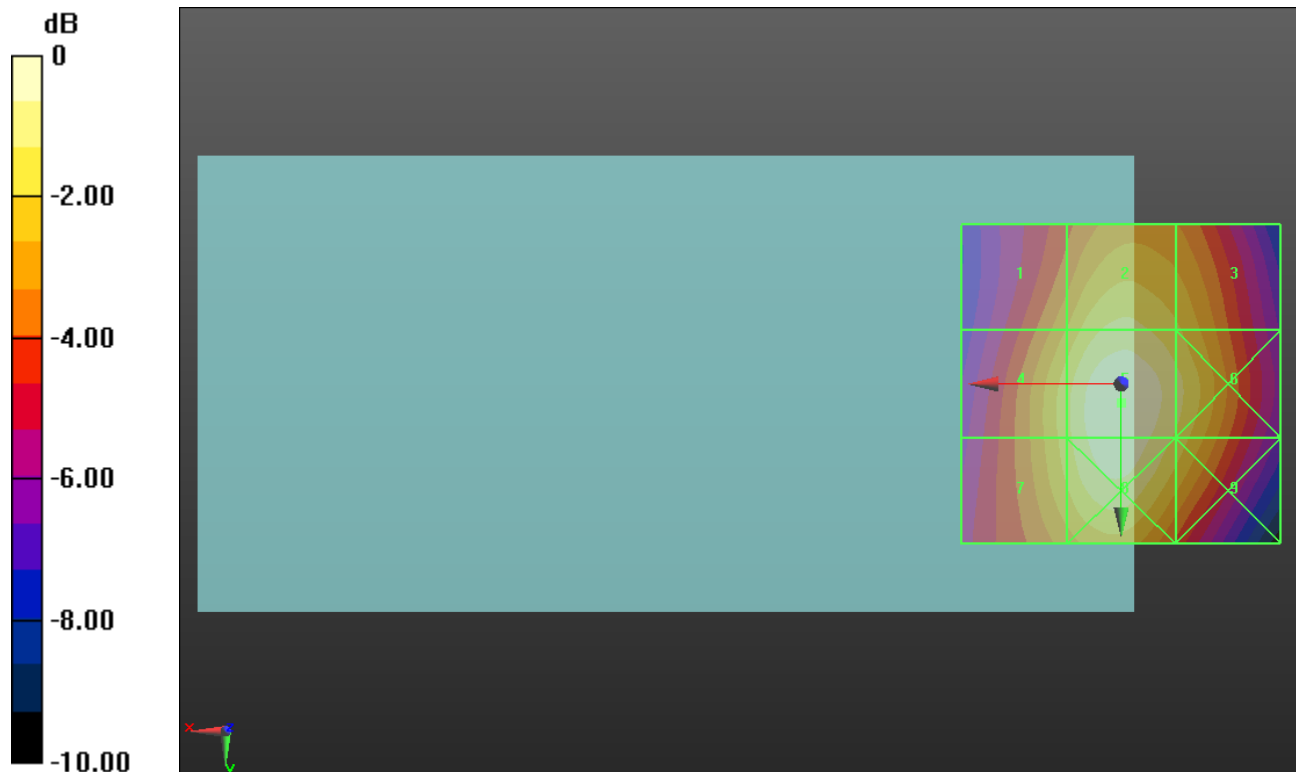
Applied MIF = 3.63 dB

RF audio interference level = 40.87 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.26 dBV/m	Grid 2 M4 39.79 dBV/m	Grid 3 M4 39.03 dBV/m
Grid 4 M4 39.39 dBV/m	Grid 5 M3 40.87 dBV/m	Grid 6 M4 39.82 dBV/m
Grid 7 M4 39.3 dBV/m	Grid 8 M3 40.71 dBV/m	Grid 9 M4 39.41 dBV/m



0 dB = 110.5 V/m = 40.87 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 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 23.84 V/m; Power Drift = 0.01 dB

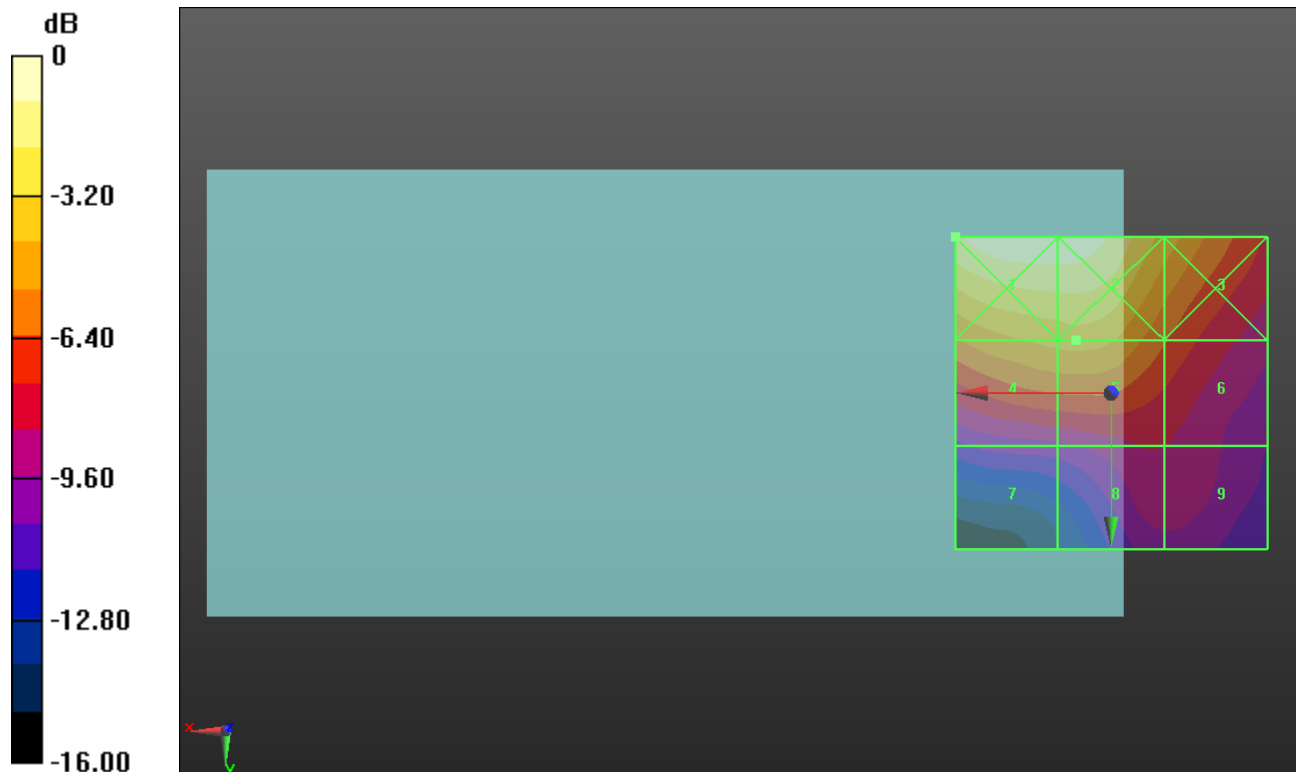
Applied MIF = 3.63 dB

RF audio interference level = 31.13 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.92 dBV/m	Grid 2 M3 34.79 dBV/m	Grid 3 M3 31.39 dBV/m
Grid 4 M3 30.99 dBV/m	Grid 5 M3 31.13 dBV/m	Grid 6 M4 28.68 dBV/m
Grid 7 M4 25.1 dBV/m	Grid 8 M4 26.47 dBV/m	Grid 9 M4 26.43 dBV/m



0 dB = 55.72 V/m = 34.92 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 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 22.27 V/m; Power Drift = -0.01 dB

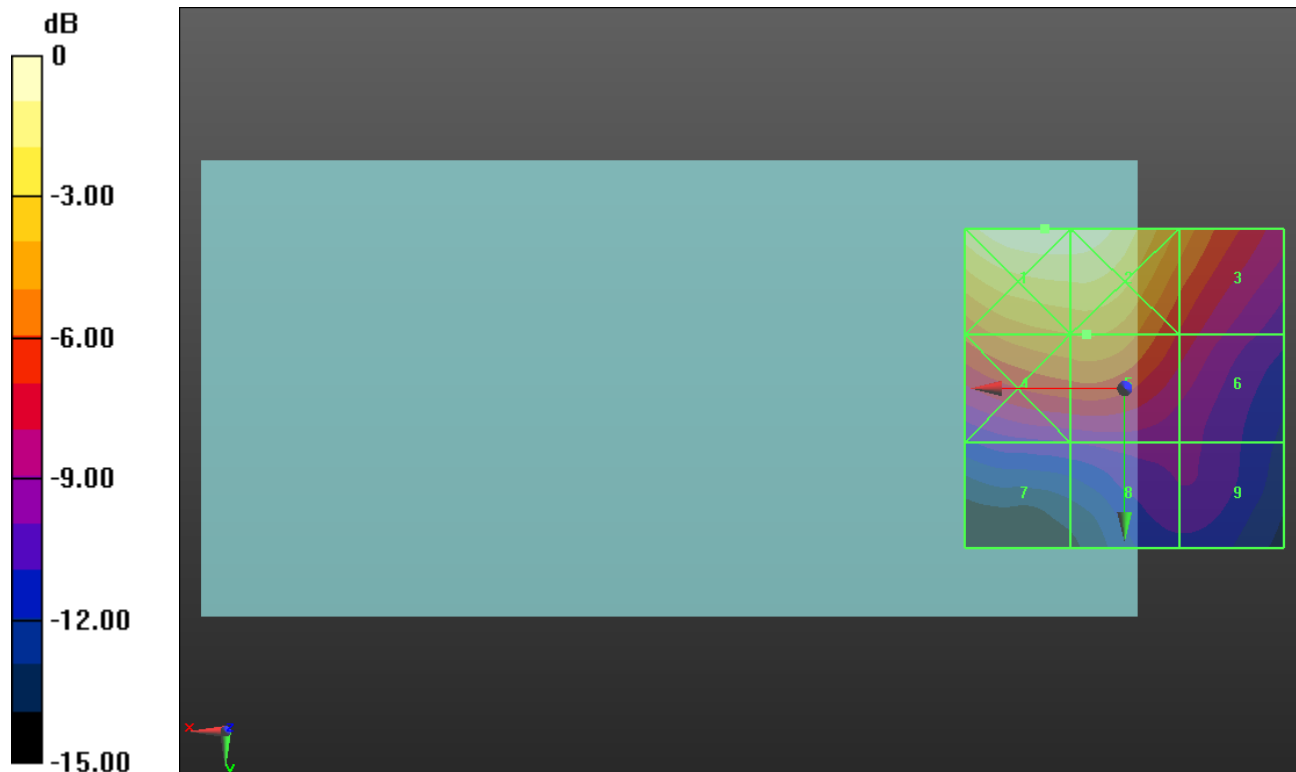
Applied MIF = 3.63 dB

RF audio interference level = 30.81 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.68 dBV/m	Grid 2 M3 34.55 dBV/m	Grid 3 M3 30.52 dBV/m
Grid 4 M3 30.7 dBV/m	Grid 5 M3 30.81 dBV/m	Grid 6 M4 27.62 dBV/m
Grid 7 M4 24.72 dBV/m	Grid 8 M4 25.21 dBV/m	Grid 9 M4 25.08 dBV/m



0 dB = 54.23 V/m = 34.68 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 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 23.45 V/m; Power Drift = -0.12 dB

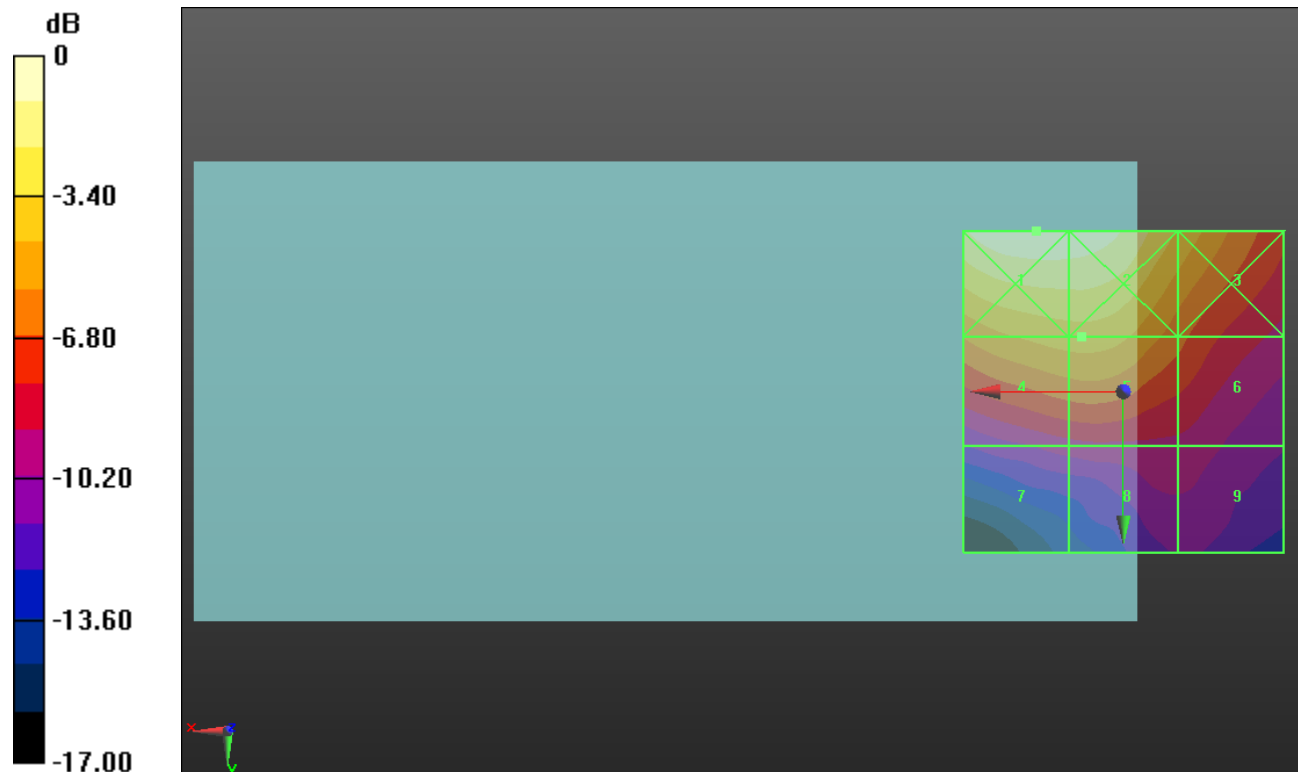
Applied MIF = 3.63 dB

RF audio interference level = 30.98 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.91 dBV/m	Grid 2 M3 34.73 dBV/m	Grid 3 M3 31.46 dBV/m
Grid 4 M3 30.92 dBV/m	Grid 5 M3 30.98 dBV/m	Grid 6 M4 28.53 dBV/m
Grid 7 M4 25.38 dBV/m	Grid 8 M4 25.65 dBV/m	Grid 9 M4 25.62 dBV/m



0 dB = 55.66 V/m = 34.91 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 = 33.49 V/m; Power Drift = 0.01 dB

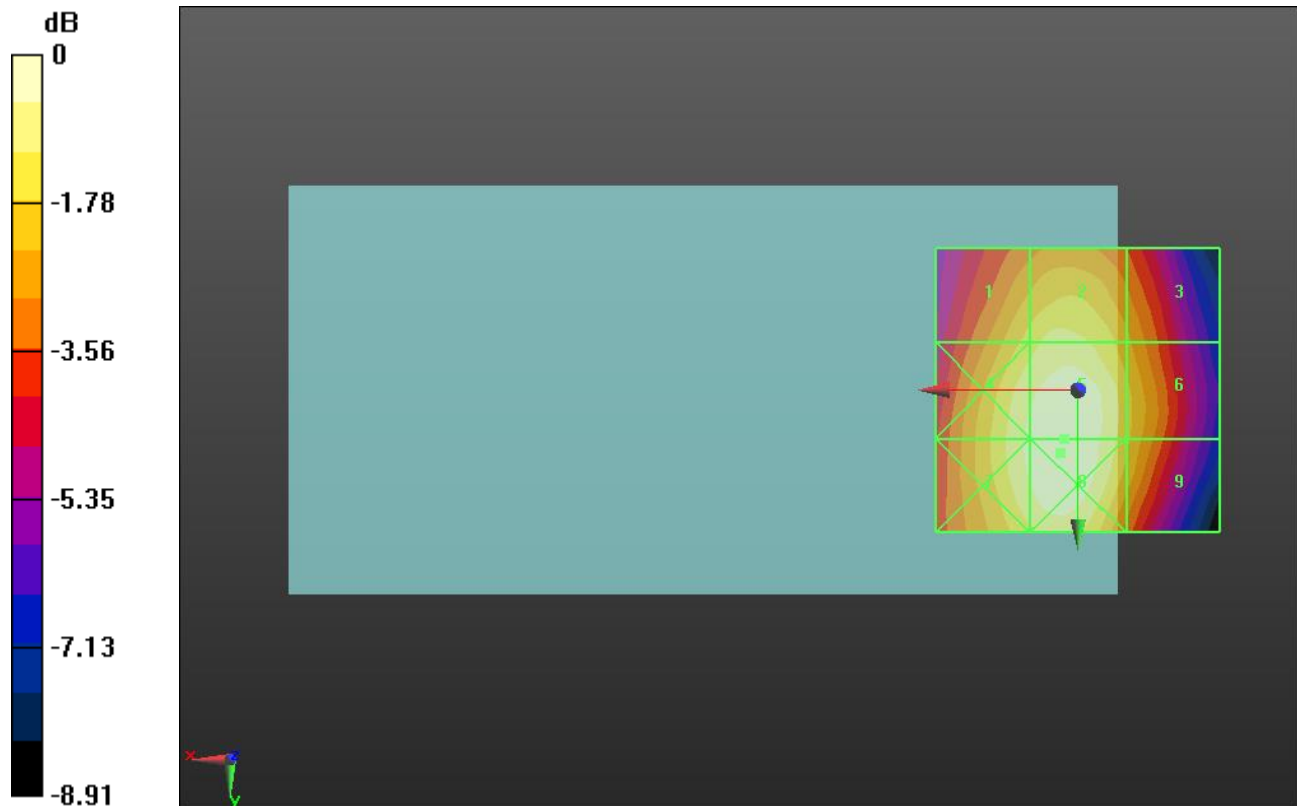
Applied MIF = 3.26 dB

RF audio interference level = 29.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.4 dBV/m	Grid 2 M4 28.92 dBV/m	Grid 3 M4 27.7 dBV/m
Grid 4 M4 29.41 dBV/m	Grid 5 M4 29.85 dBV/m	Grid 6 M4 28.38 dBV/m
Grid 7 M4 29.43 dBV/m	Grid 8 M4 29.87 dBV/m	Grid 9 M4 28.27 dBV/m



0 dB = 31.16 V/m = 29.87 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 = 30.57 V/m; Power Drift = -0.01 dB

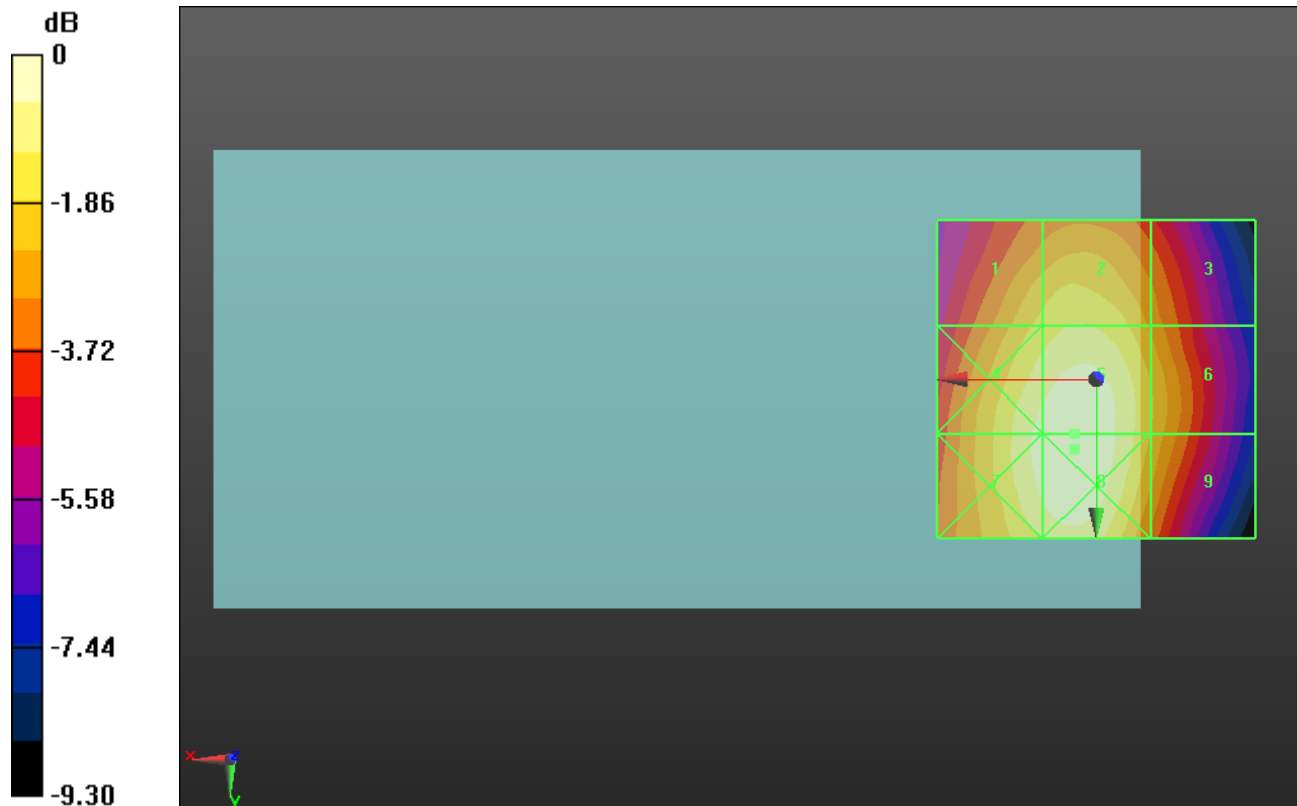
Applied MIF = 3.26 dB

RF audio interference level = 29.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.54 dBV/m	Grid 2 M4 27.95 dBV/m	Grid 3 M4 26.57 dBV/m
Grid 4 M4 28.76 dBV/m	Grid 5 M4 29.12 dBV/m	Grid 6 M4 27.43 dBV/m
Grid 7 M4 28.81 dBV/m	Grid 8 M4 29.15 dBV/m	Grid 9 M4 27.29 dBV/m



0 dB = 28.69 V/m = 29.15 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 = 27.51 V/m; Power Drift = 0.08 dB

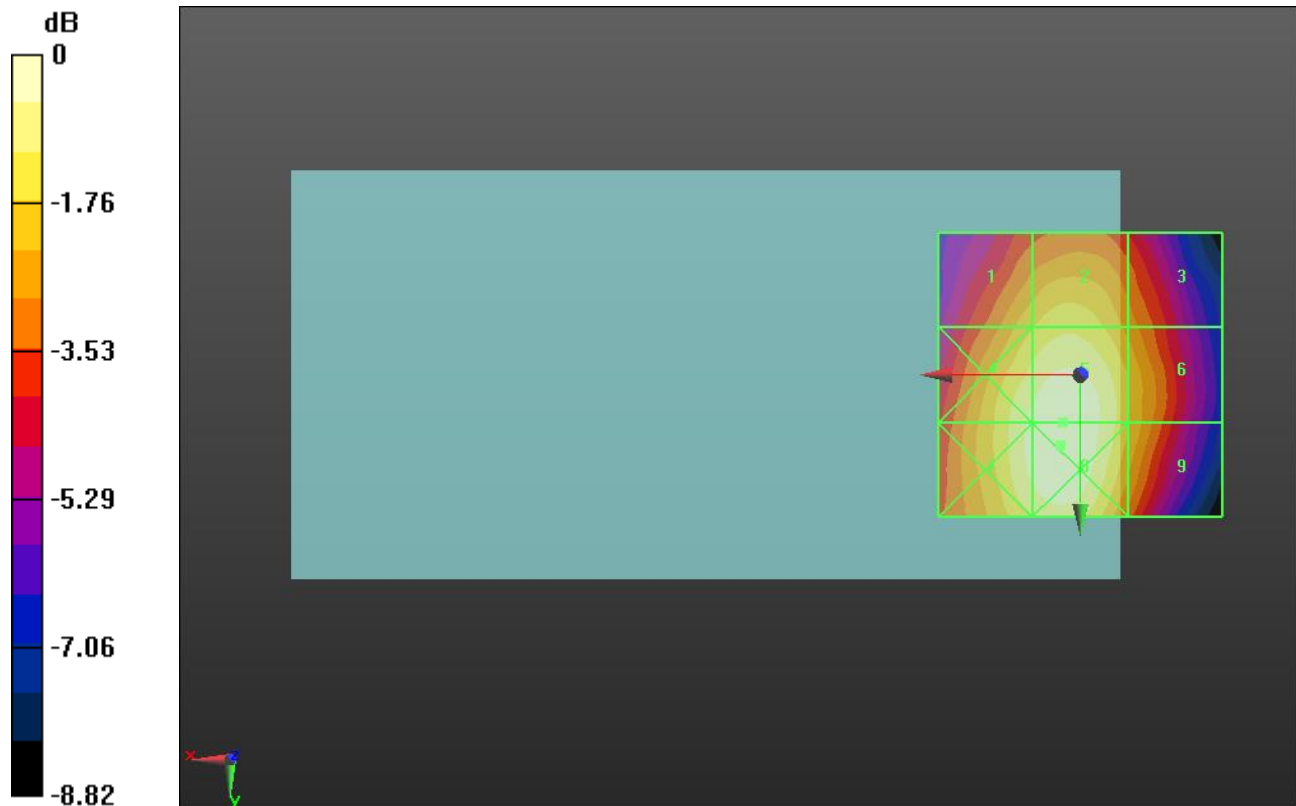
Applied MIF = 3.26 dB

RF audio interference level = 28.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.49 dBV/m	Grid 2 M4 27 dBV/m	Grid 3 M4 25.73 dBV/m
Grid 4 M4 27.85 dBV/m	Grid 5 M4 28.26 dBV/m	Grid 6 M4 26.6 dBV/m
Grid 7 M4 27.91 dBV/m	Grid 8 M4 28.3 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 26.00 V/m = 28.30 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 = 14.15 V/m; Power Drift = 0.02 dB

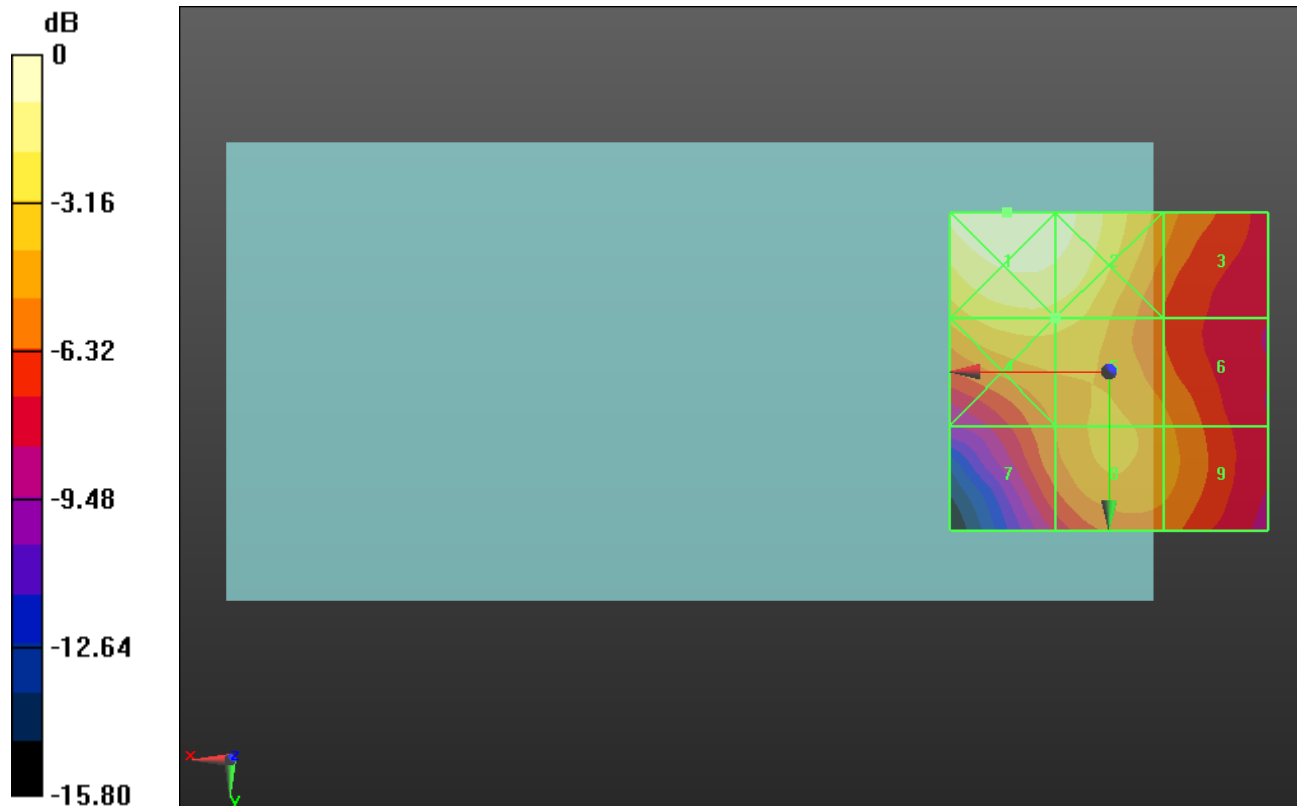
Applied MIF = 3.26 dB

RF audio interference level = 25.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.5 dBV/m	Grid 2 M4 27.97 dBV/m	Grid 3 M4 23.82 dBV/m
Grid 4 M4 26.07 dBV/m	Grid 5 M4 25.92 dBV/m	Grid 6 M4 23.57 dBV/m
Grid 7 M4 23.37 dBV/m	Grid 8 M4 24.57 dBV/m	Grid 9 M4 23.75 dBV/m



0 dB = 26.61 V/m = 28.50 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 = 14.21 V/m; Power Drift = 0.07 dB

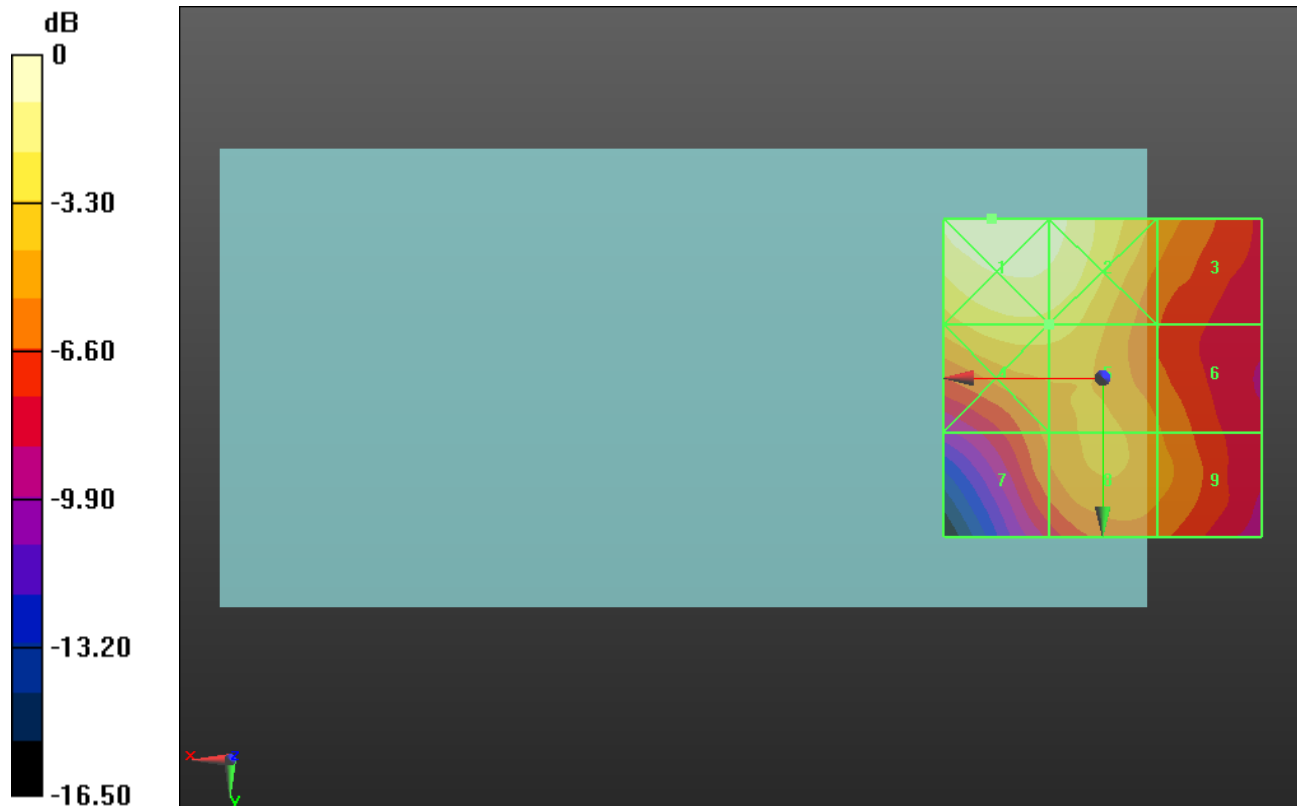
Applied MIF = 3.26 dB

RF audio interference level = 26.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.64 dBV/m	Grid 2 M4 28 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 26.2 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 23.34 dBV/m
Grid 7 M4 23.48 dBV/m	Grid 8 M4 24.54 dBV/m	Grid 9 M4 23.67 dBV/m



0 dB = 27.04 V/m = 28.64 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 = 13.51 V/m; Power Drift = -0.04 dB

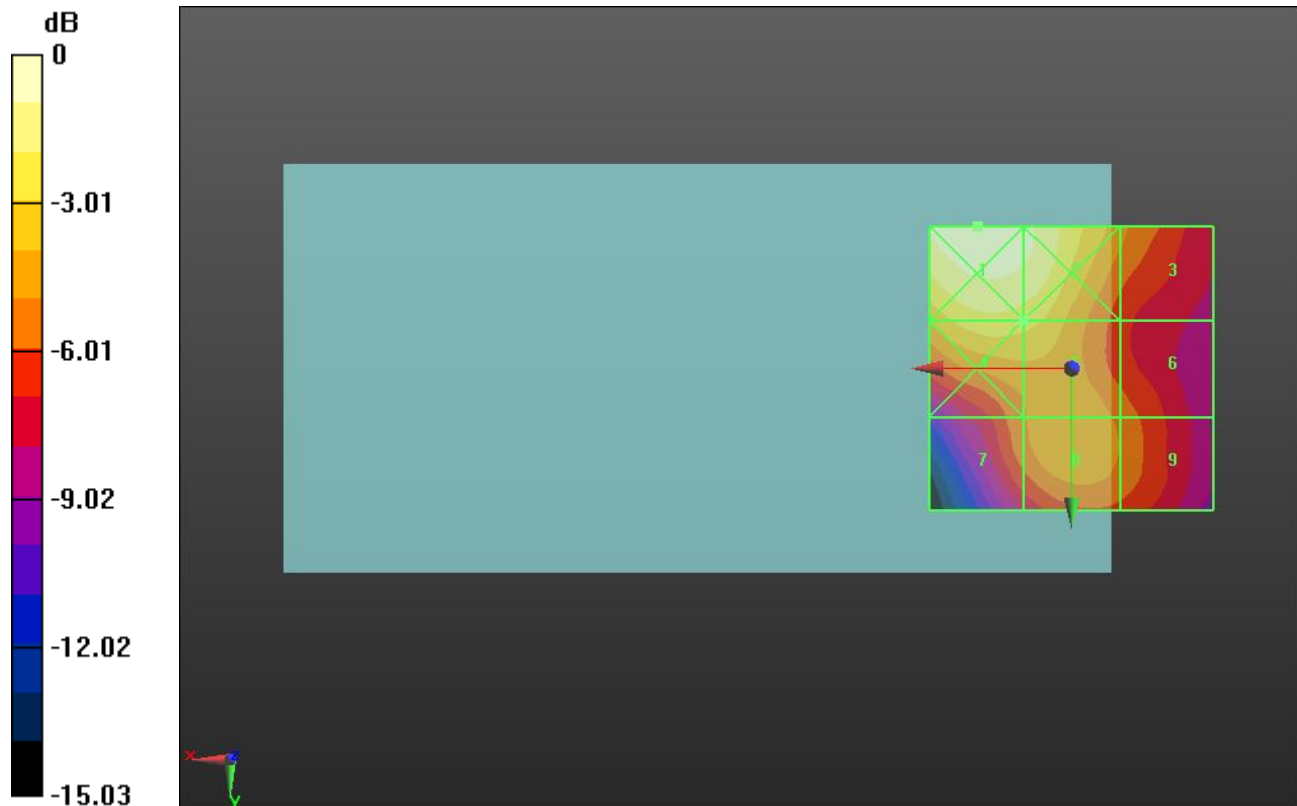
Applied MIF = 3.26 dB

RF audio interference level = 25.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.23 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 23.6 dBV/m
Grid 4 M4 25.95 dBV/m	Grid 5 M4 25.68 dBV/m	Grid 6 M4 22.94 dBV/m
Grid 7 M4 23.14 dBV/m	Grid 8 M4 24.23 dBV/m	Grid 9 M4 23.21 dBV/m



0 dB = 25.80 V/m = 28.23 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 = 35.38 V/m; Power Drift = 0.01 dB

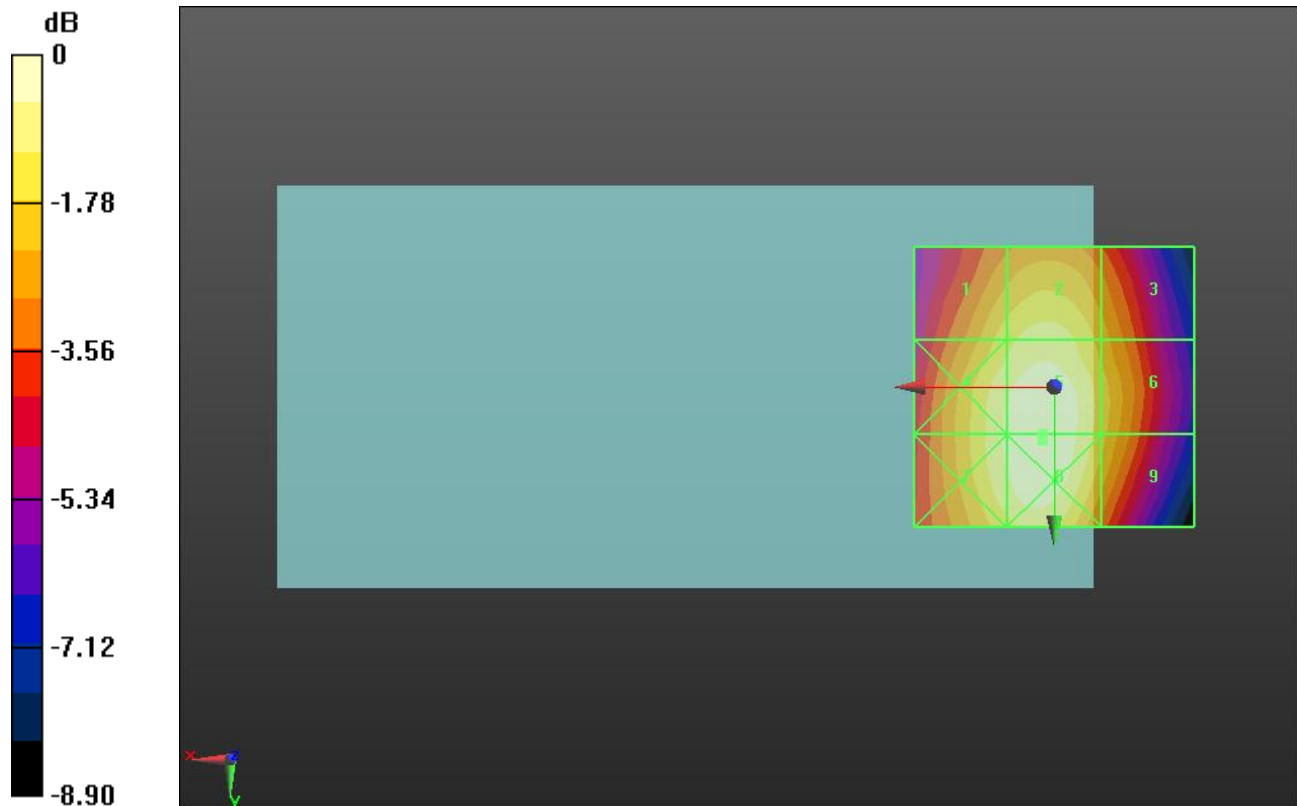
Applied MIF = 3.26 dB

RF audio interference level = 30.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.91 dBV/m	Grid 2 M4 29.44 dBV/m	Grid 3 M4 28.27 dBV/m
Grid 4 M4 29.85 dBV/m	Grid 5 M4 30.31 dBV/m	Grid 6 M4 28.89 dBV/m
Grid 7 M4 29.85 dBV/m	Grid 8 M4 30.32 dBV/m	Grid 9 M4 28.75 dBV/m



0 dB = 32.79 V/m = 30.31 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 = 34.78 V/m; Power Drift = 0.01 dB

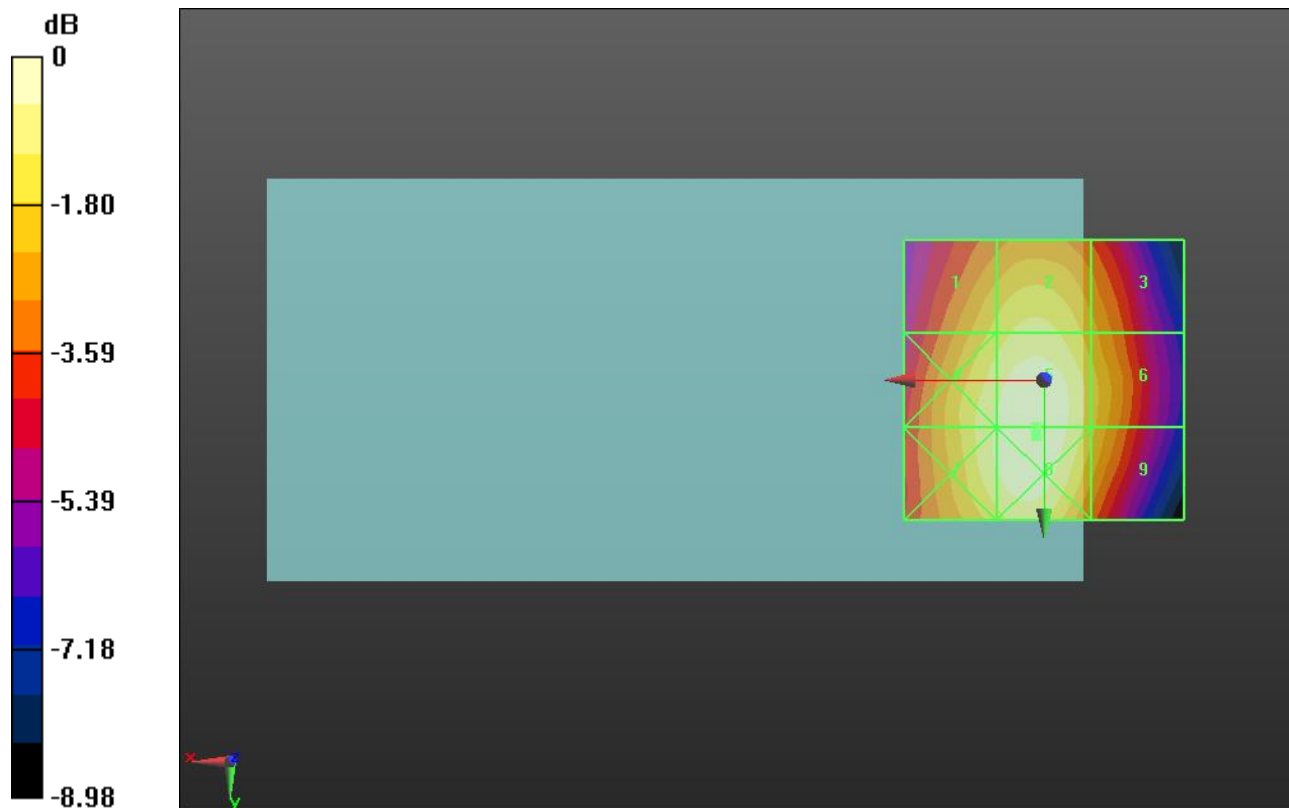
Applied MIF = 3.26 dB

RF audio interference level = 30.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.63 dBV/m	Grid 2 M4 29.22 dBV/m	Grid 3 M4 28.03 dBV/m
Grid 4 M4 29.64 dBV/m	Grid 5 M4 30.15 dBV/m	Grid 6 M4 28.71 dBV/m
Grid 7 M4 29.67 dBV/m	Grid 8 M4 30.17 dBV/m	Grid 9 M4 28.55 dBV/m



0 dB = 32.24 V/m = 30.17 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 = 33.95 V/m; Power Drift = 0.00 dB

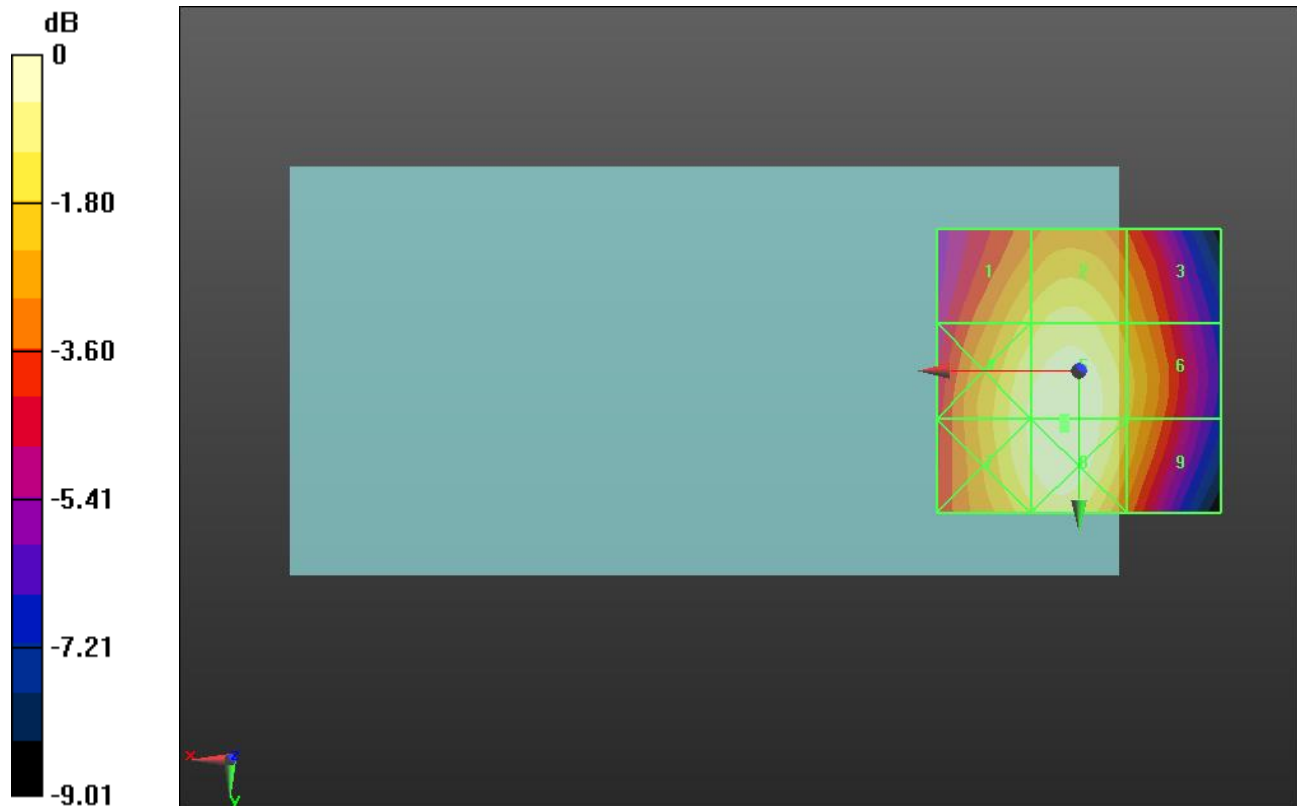
Applied MIF = 3.26 dB

RF audio interference level = 29.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.47 dBV/m	Grid 2 M4 29.07 dBV/m	Grid 3 M4 27.83 dBV/m
Grid 4 M4 29.49 dBV/m	Grid 5 M4 29.97 dBV/m	Grid 6 M4 28.49 dBV/m
Grid 7 M4 29.49 dBV/m	Grid 8 M4 29.98 dBV/m	Grid 9 M4 28.32 dBV/m



0 dB = 31.54 V/m = 29.98 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 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 75.44 V/m; Power Drift = -0.02 dB

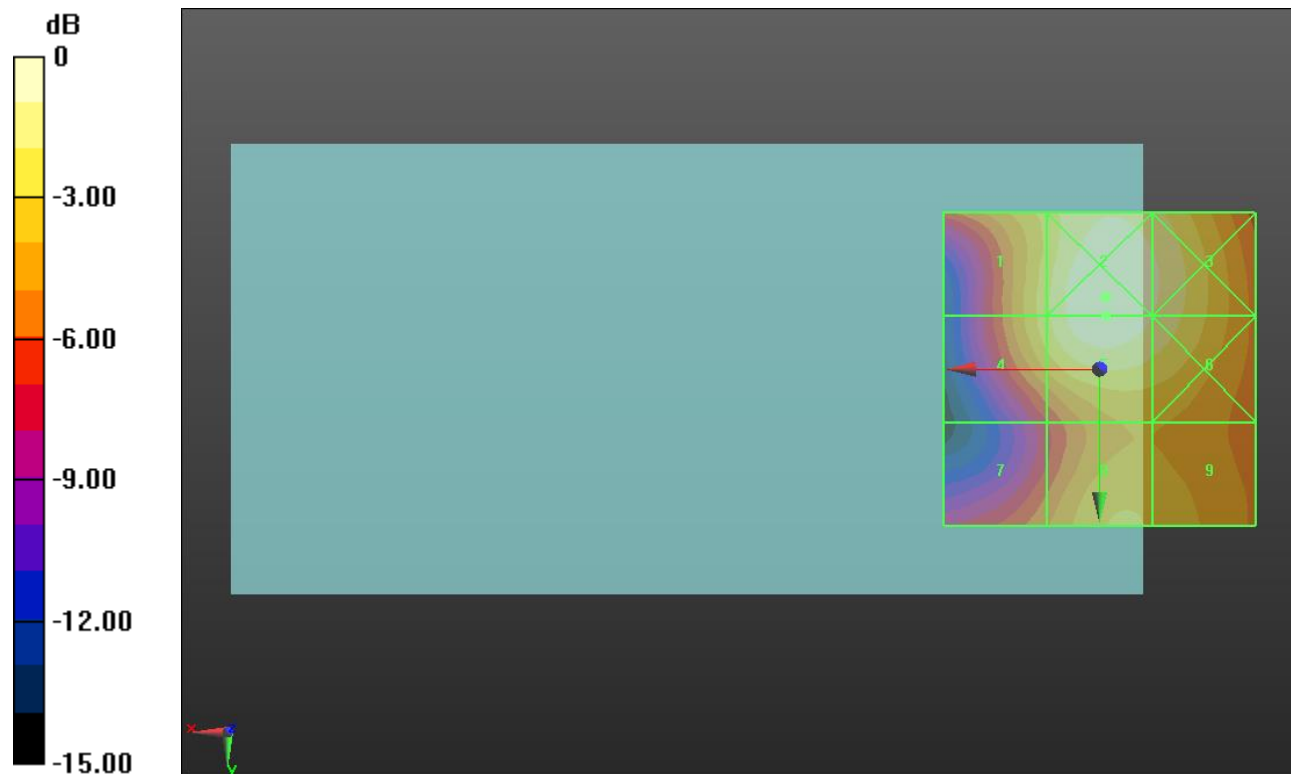
Applied MIF = -1.44 dB

RF audio interference level = 34.11 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.07 dBV/m	Grid 2 M3 34.27 dBV/m	Grid 3 M3 33.48 dBV/m
Grid 4 M3 32 dBV/m	Grid 5 M3 34.11 dBV/m	Grid 6 M3 33.26 dBV/m
Grid 7 M4 29.16 dBV/m	Grid 8 M3 31.39 dBV/m	Grid 9 M3 31.14 dBV/m



0 dB = 51.70 V/m = 34.27 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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 75.65 V/m; Power Drift = -0.13 dB

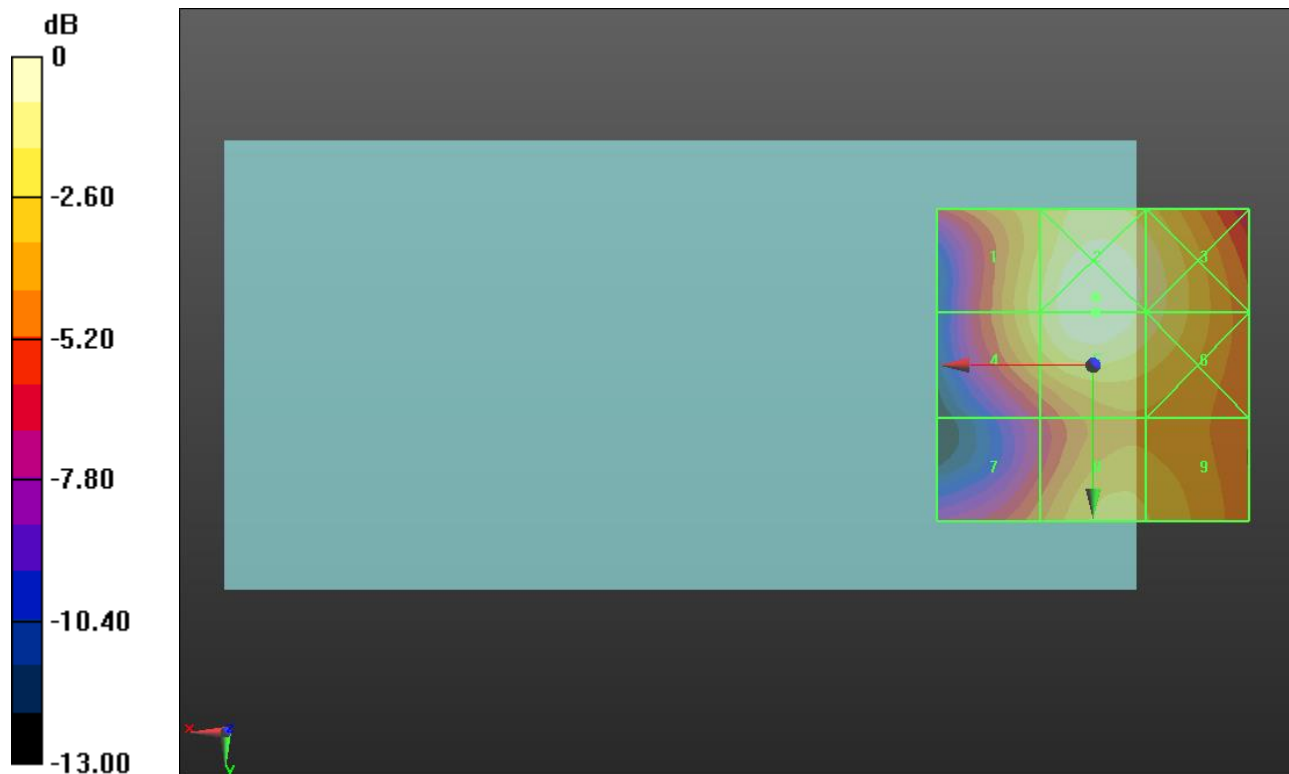
Applied MIF = -1.44 dB

RF audio interference level = 34.11 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.4 dBV/m	Grid 2 M3 34.2 dBV/m	Grid 3 M3 33.18 dBV/m
Grid 4 M3 32.36 dBV/m	Grid 5 M3 34.11 dBV/m	Grid 6 M3 33.05 dBV/m
Grid 7 M4 29.71 dBV/m	Grid 8 M3 31.97 dBV/m	Grid 9 M3 31.7 dBV/m



0 dB = 51.29 V/m = 34.20 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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 78.99 V/m; Power Drift = -0.05 dB

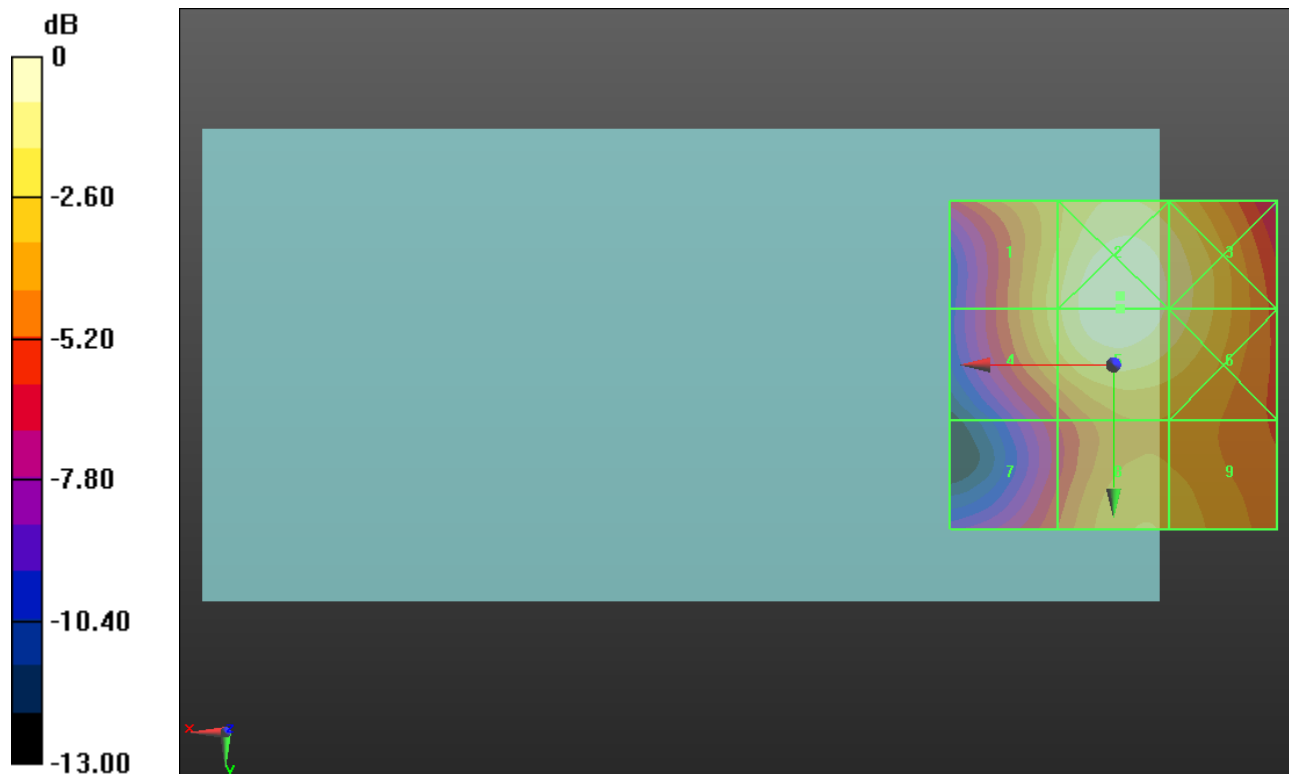
Applied MIF = -1.44 dB

RF audio interference level = 34.26 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.41 dBV/m	Grid 2 M3 34.32 dBV/m	Grid 3 M3 33.38 dBV/m
Grid 4 M3 32.4 dBV/m	Grid 5 M3 34.26 dBV/m	Grid 6 M3 33.31 dBV/m
Grid 7 M4 29.19 dBV/m	Grid 8 M3 31.77 dBV/m	Grid 9 M3 31.56 dBV/m



0 dB = 51.99 V/m = 34.32 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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 73.91 V/m; Power Drift = -0.07 dB

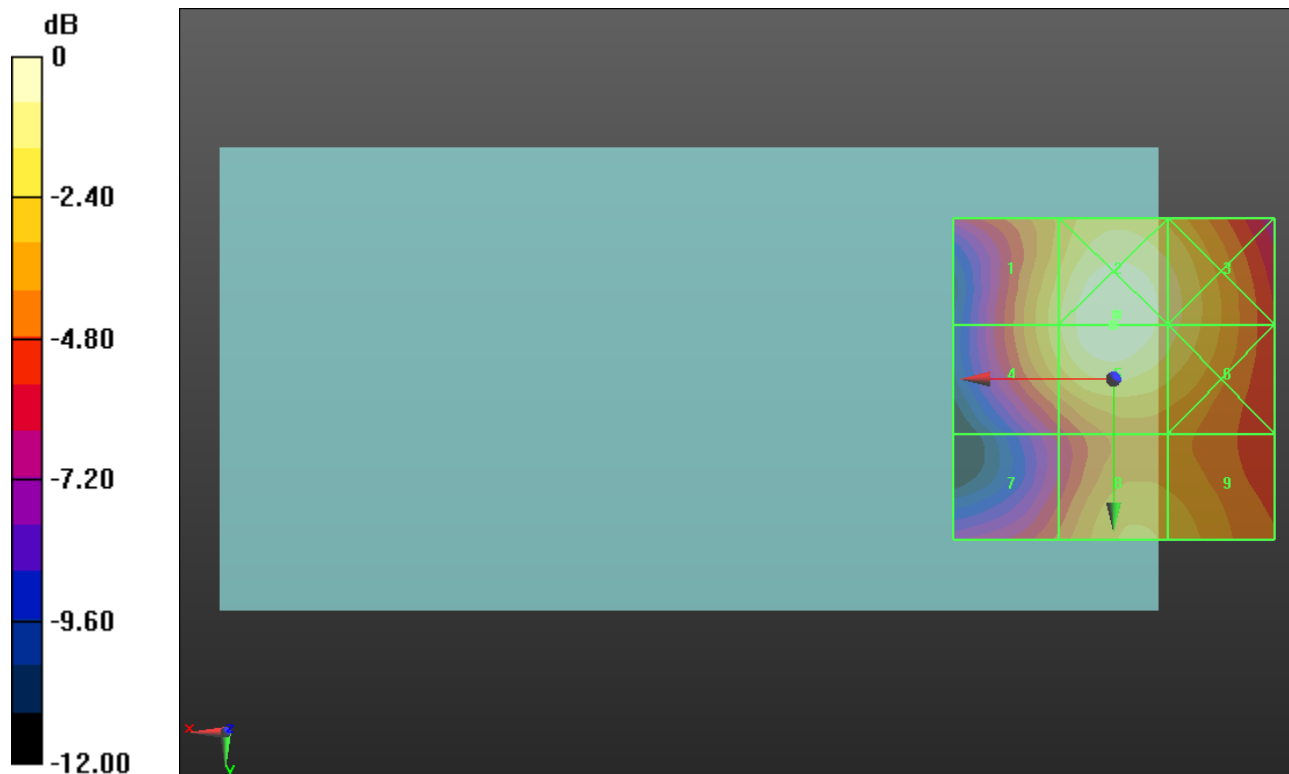
Applied MIF = -1.44 dB

RF audio interference level = 33.29 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.6 dBV/m	Grid 2 M3 33.32 dBV/m	Grid 3 M3 32.2 dBV/m
Grid 4 M3 31.6 dBV/m	Grid 5 M3 33.29 dBV/m	Grid 6 M3 32.13 dBV/m
Grid 7 M4 28.8 dBV/m	Grid 8 M3 31.05 dBV/m	Grid 9 M3 30.77 dBV/m



0 dB = 46.36 V/m = 33.32 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 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 68.23 V/m; Power Drift = 0.08 dB

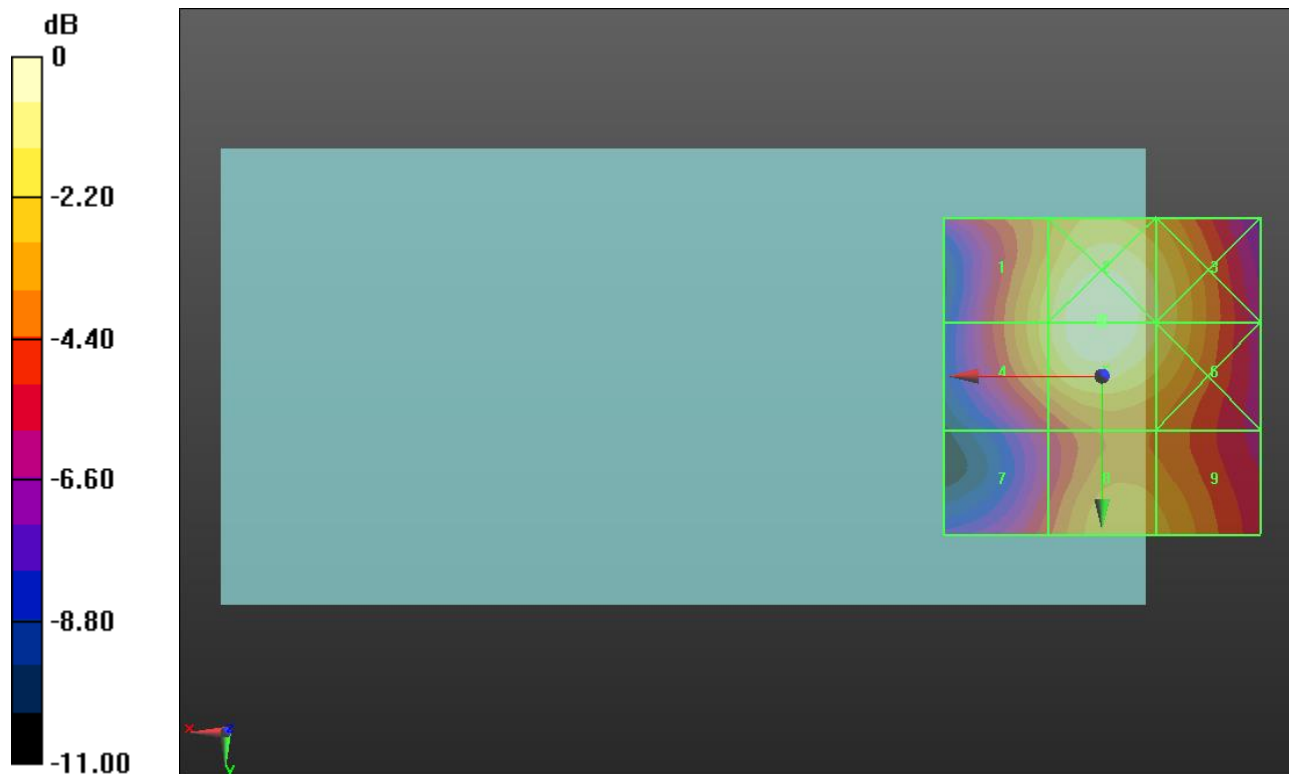
Applied MIF = -1.44 dB

RF audio interference level = 32.49 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.83 dBV/m	Grid 2 M3 32.49 dBV/m	Grid 3 M3 31.19 dBV/m
Grid 4 M3 30.85 dBV/m	Grid 5 M3 32.49 dBV/m	Grid 6 M3 31.16 dBV/m
Grid 7 M4 27.95 dBV/m	Grid 8 M3 30.3 dBV/m	Grid 9 M4 29.91 dBV/m



0 dB = 42.12 V/m = 32.49 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.17 V/m; Power Drift = 0.05 dB

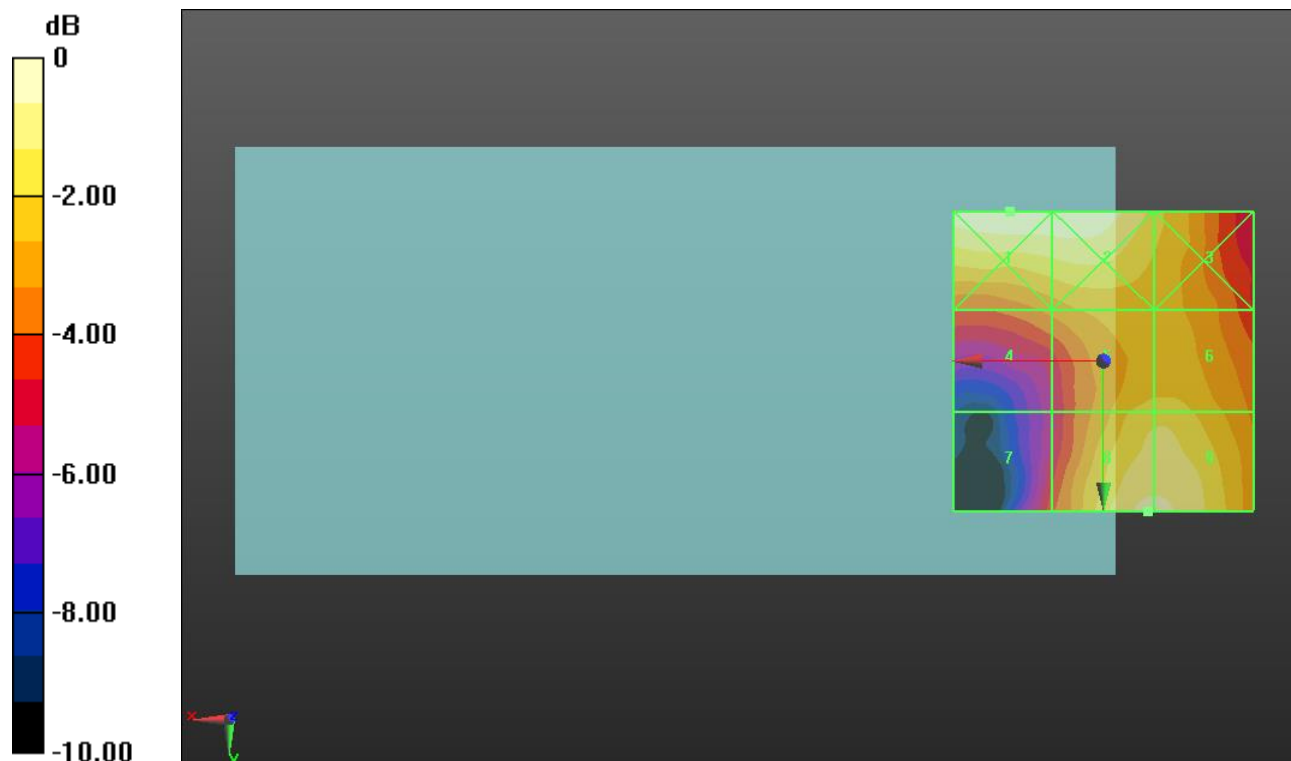
Applied MIF = 3.63 dB

RF audio interference level = 26.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.96 dBV/m	Grid 2 M4 26.77 dBV/m	Grid 3 M4 25.3 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 25.34 dBV/m	Grid 6 M4 25.38 dBV/m
Grid 7 M4 22.87 dBV/m	Grid 8 M4 26.45 dBV/m	Grid 9 M4 26.44 dBV/m



0 dB = 22.29 V/m = 26.96 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 = 14.72 V/m; Power Drift = 0.03 dB

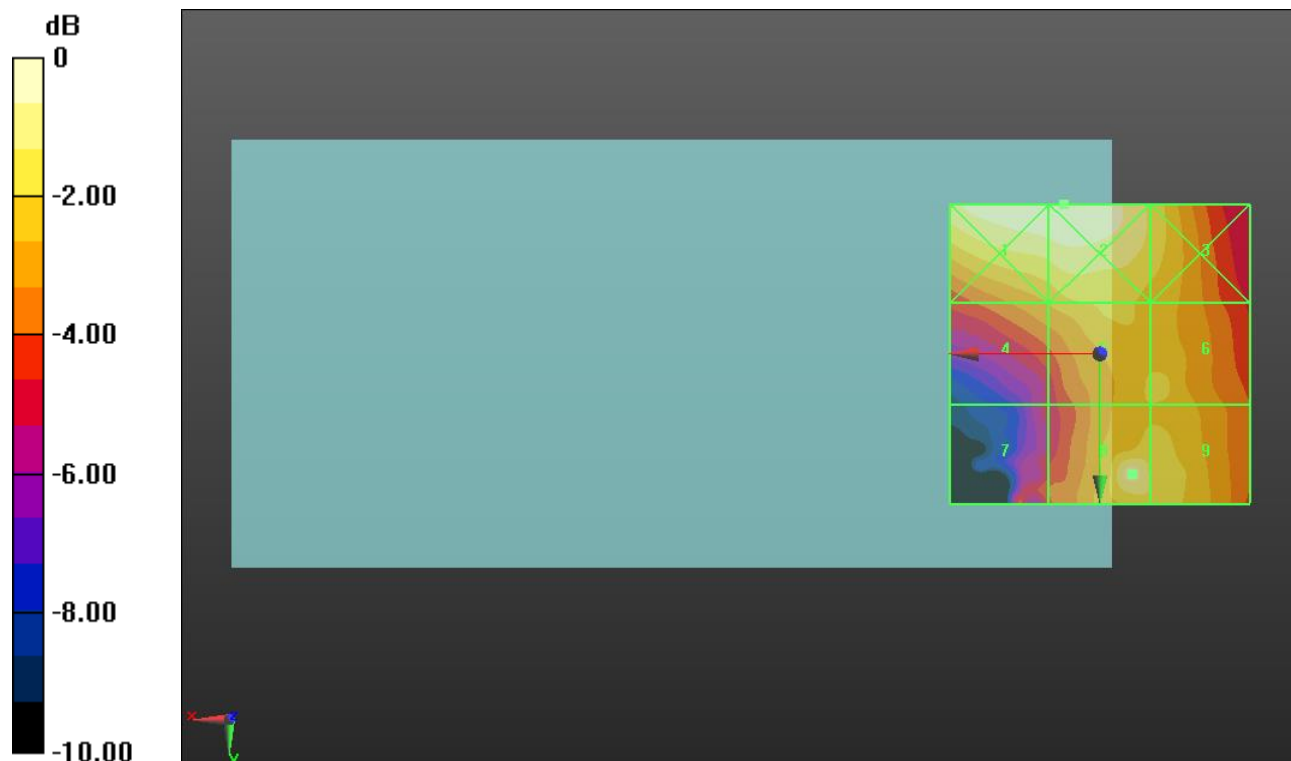
Applied MIF = 3.63 dB

RF audio interference level = 27.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.5 dBV/m	Grid 2 M4 27.54 dBV/m	Grid 3 M4 26.09 dBV/m
Grid 4 M4 24.94 dBV/m	Grid 5 M4 25.71 dBV/m	Grid 6 M4 25.78 dBV/m
Grid 7 M4 23.63 dBV/m	Grid 8 M4 27.11 dBV/m	Grid 9 M4 26.19 dBV/m



0 dB = 23.82 V/m = 27.54 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 = 15.95 V/m; Power Drift = 0.04 dB

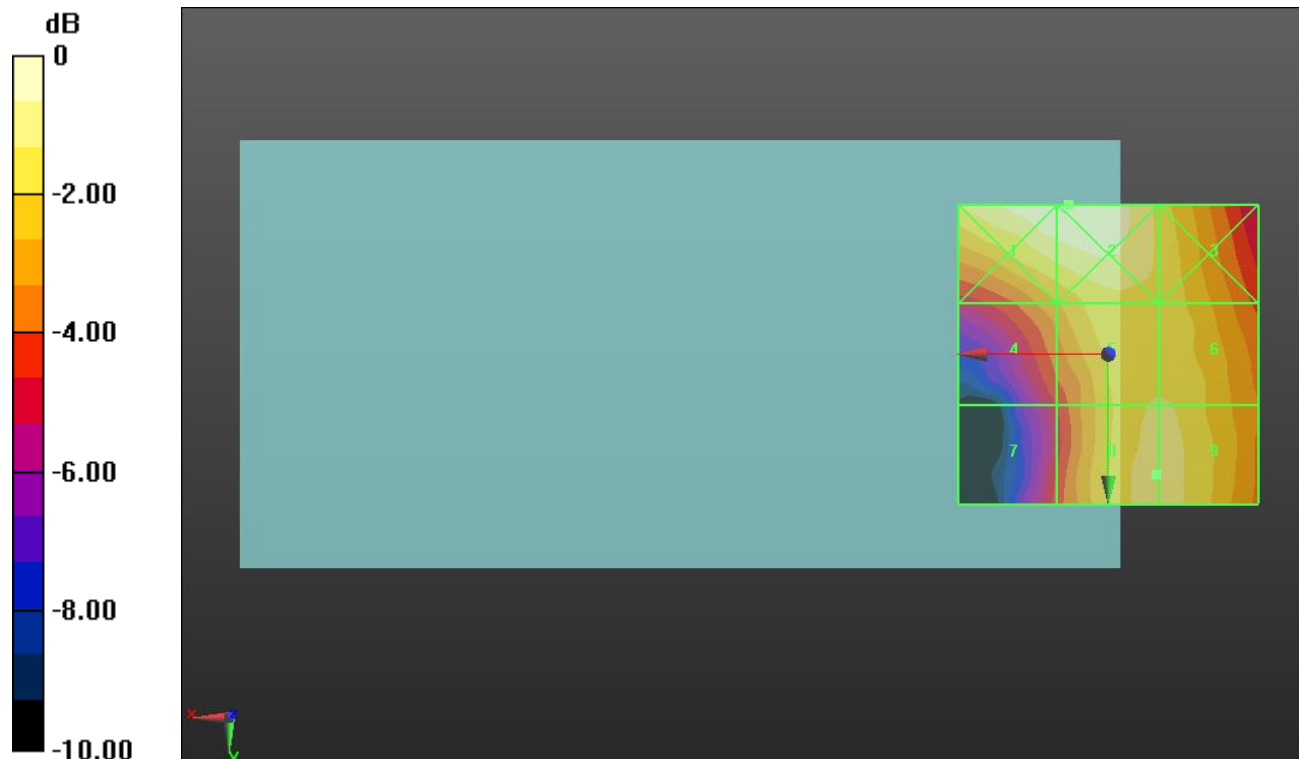
Applied MIF = 3.63 dB

RF audio interference level = 26.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.31 dBV/m	Grid 2 M4 27.33 dBV/m	Grid 3 M4 25.89 dBV/m
Grid 4 M4 24.67 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 26.06 dBV/m
Grid 7 M4 23.04 dBV/m	Grid 8 M4 26.26 dBV/m	Grid 9 M4 26.26 dBV/m



0 dB = 23.25 V/m = 27.33 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 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 72.71 V/m; Power Drift = -0.01 dB

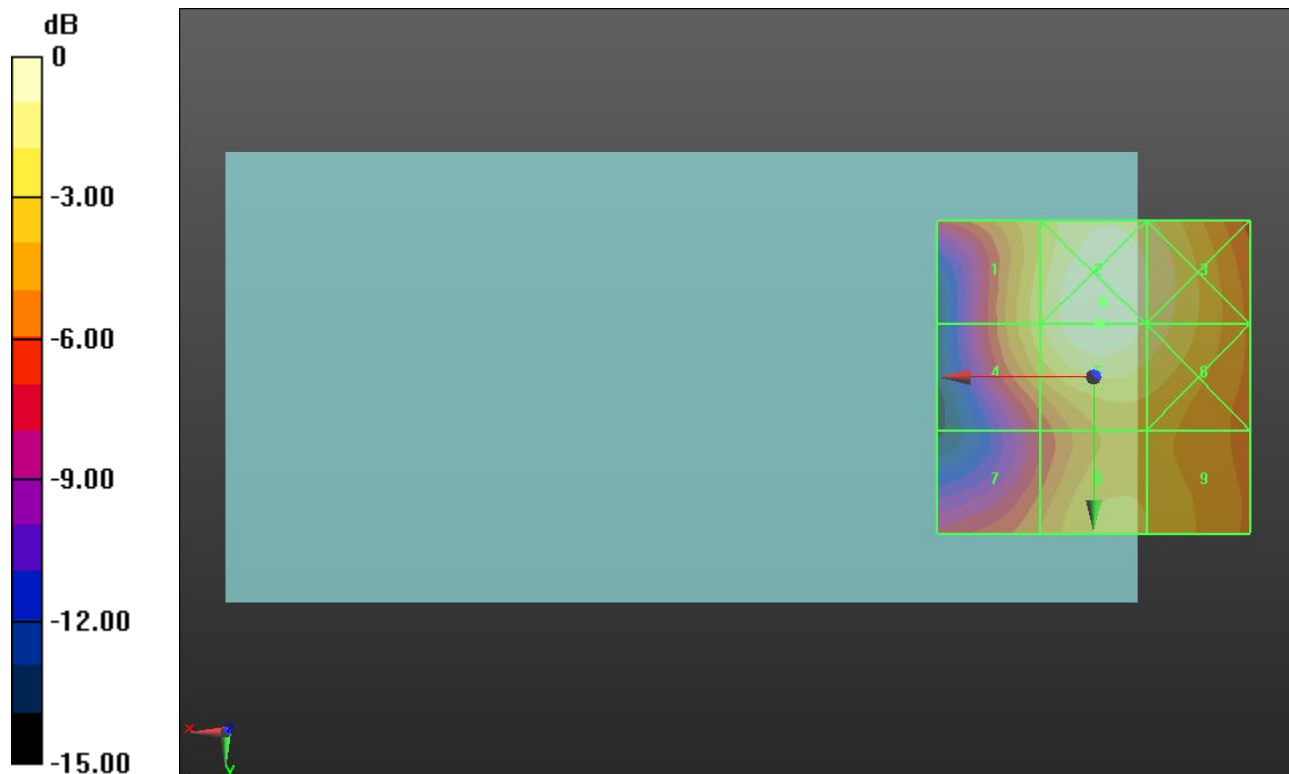
Applied MIF = -1.44 dB

RF audio interference level = 34.24 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.27 dBV/m	Grid 2 M3 34.42 dBV/m	Grid 3 M3 33.53 dBV/m
Grid 4 M3 32.17 dBV/m	Grid 5 M3 34.24 dBV/m	Grid 6 M3 33.29 dBV/m
Grid 7 M4 29.55 dBV/m	Grid 8 M3 31.67 dBV/m	Grid 9 M3 31.46 dBV/m



0 dB = 52.63 V/m = 34.42 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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 75.14 V/m; Power Drift = -0.07 dB

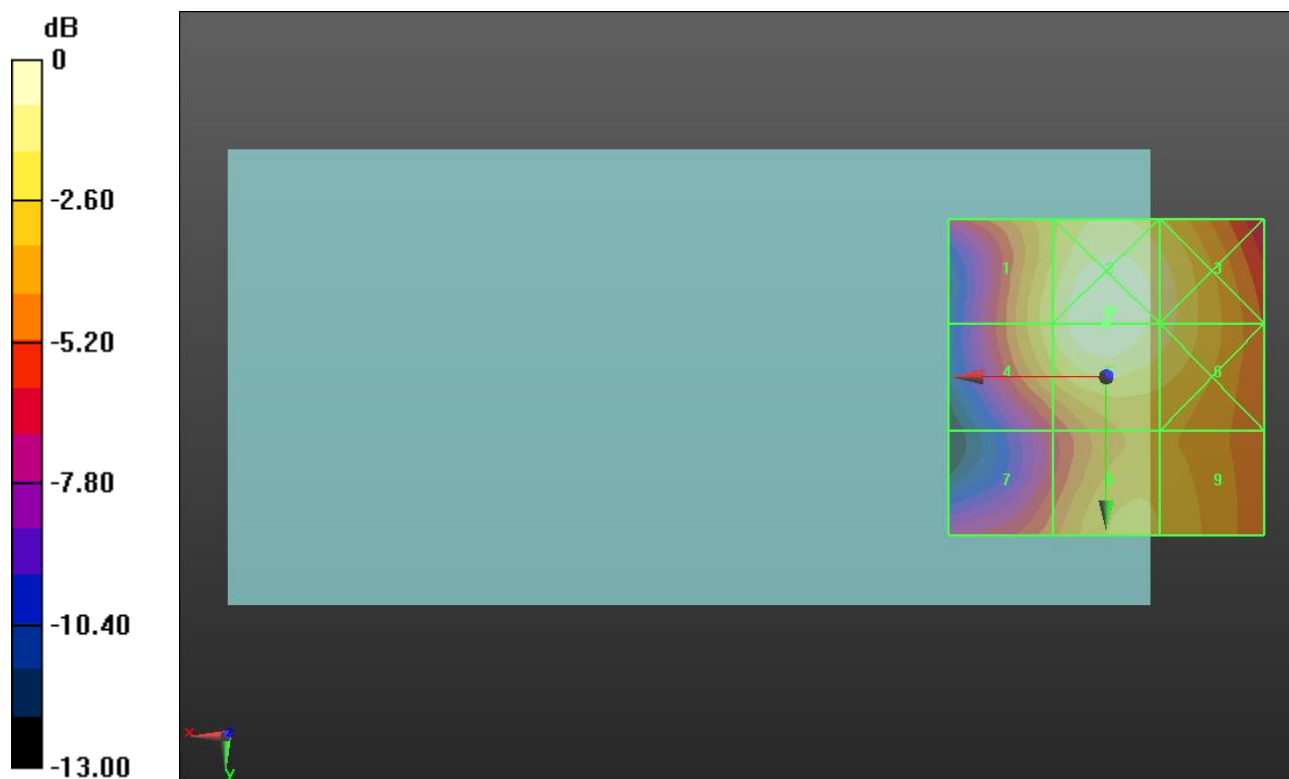
Applied MIF = -1.44 dB

RF audio interference level = 34.03 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.37 dBV/m	Grid 2 M3 34.11 dBV/m	Grid 3 M3 32.98 dBV/m
Grid 4 M3 32.35 dBV/m	Grid 5 M3 34.03 dBV/m	Grid 6 M3 32.89 dBV/m
Grid 7 M4 29.5 dBV/m	Grid 8 M3 31.77 dBV/m	Grid 9 M3 31.54 dBV/m



0 dB = 50.77 V/m = 34.11 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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 77.75 V/m; Power Drift = 0.03 dB

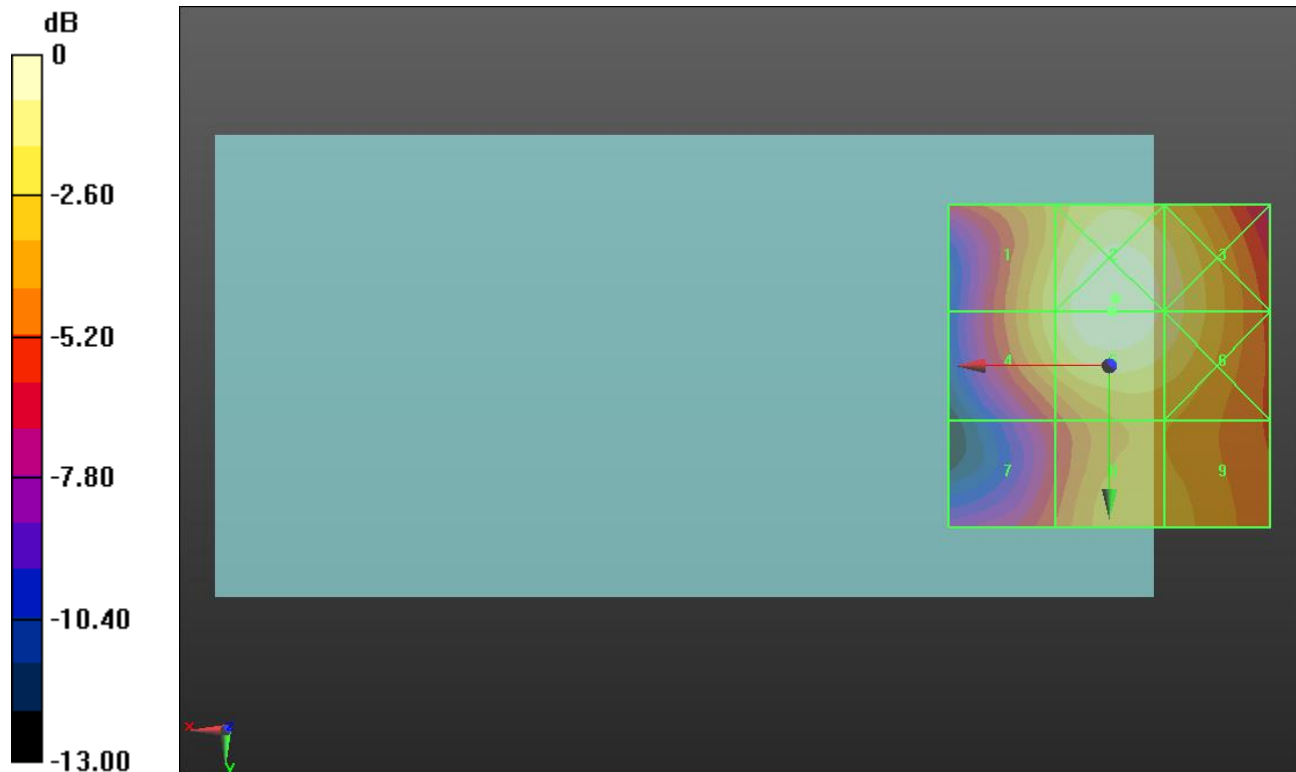
Applied MIF = -1.44 dB

RF audio interference level = 34.18 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.44 dBV/m	Grid 2 M3 34.22 dBV/m	Grid 3 M3 33.21 dBV/m
Grid 4 M3 32.44 dBV/m	Grid 5 M3 34.18 dBV/m	Grid 6 M3 33.18 dBV/m
Grid 7 M4 29.1 dBV/m	Grid 8 M3 31.52 dBV/m	Grid 9 M3 31.31 dBV/m



0 dB = 51.40 V/m = 34.22 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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 72.22 V/m; Power Drift = -0.02 dB

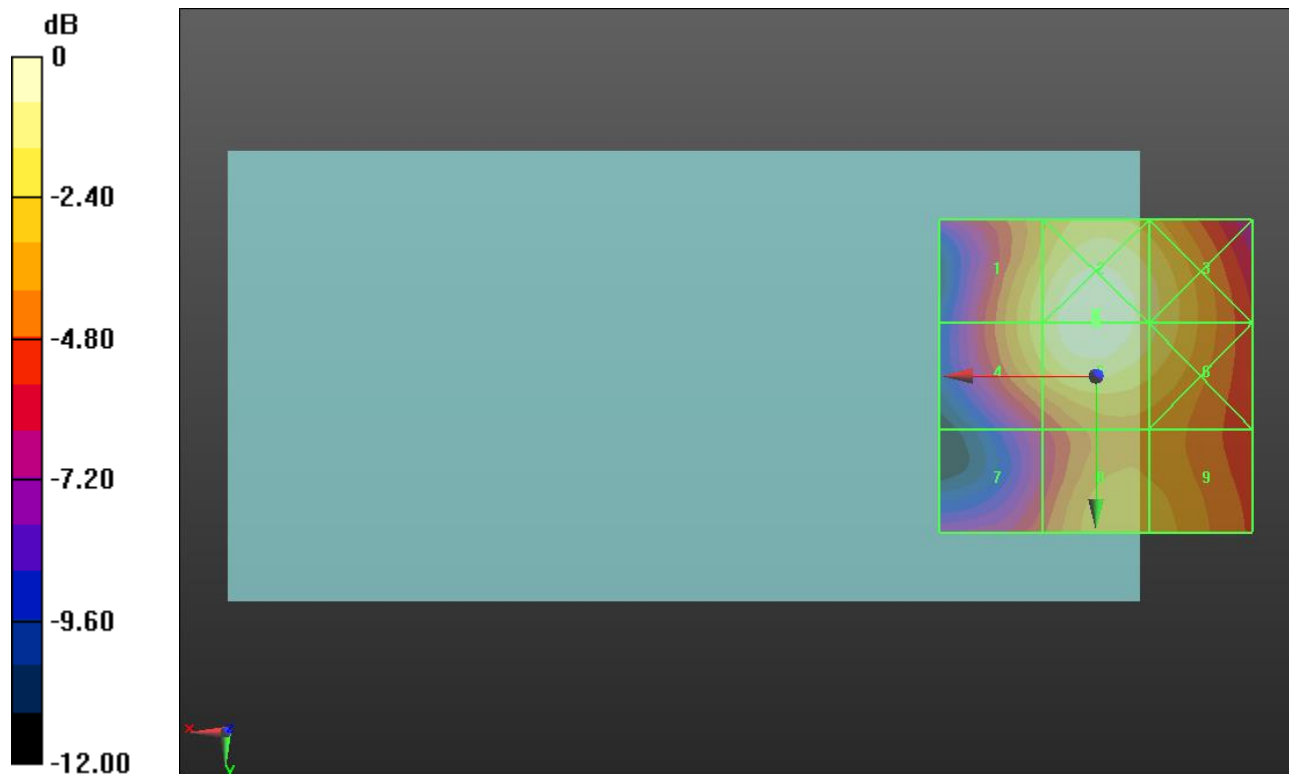
Applied MIF = -1.44 dB

RF audio interference level = 33.24 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.7 dBV/m	Grid 2 M3 33.28 dBV/m	Grid 3 M3 32.05 dBV/m
Grid 4 M3 31.69 dBV/m	Grid 5 M3 33.24 dBV/m	Grid 6 M3 32 dBV/m
Grid 7 M4 28.38 dBV/m	Grid 8 M3 30.82 dBV/m	Grid 9 M3 30.6 dBV/m



0 dB = 46.11 V/m = 33.28 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 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 66.61 V/m; Power Drift = 0.04 dB

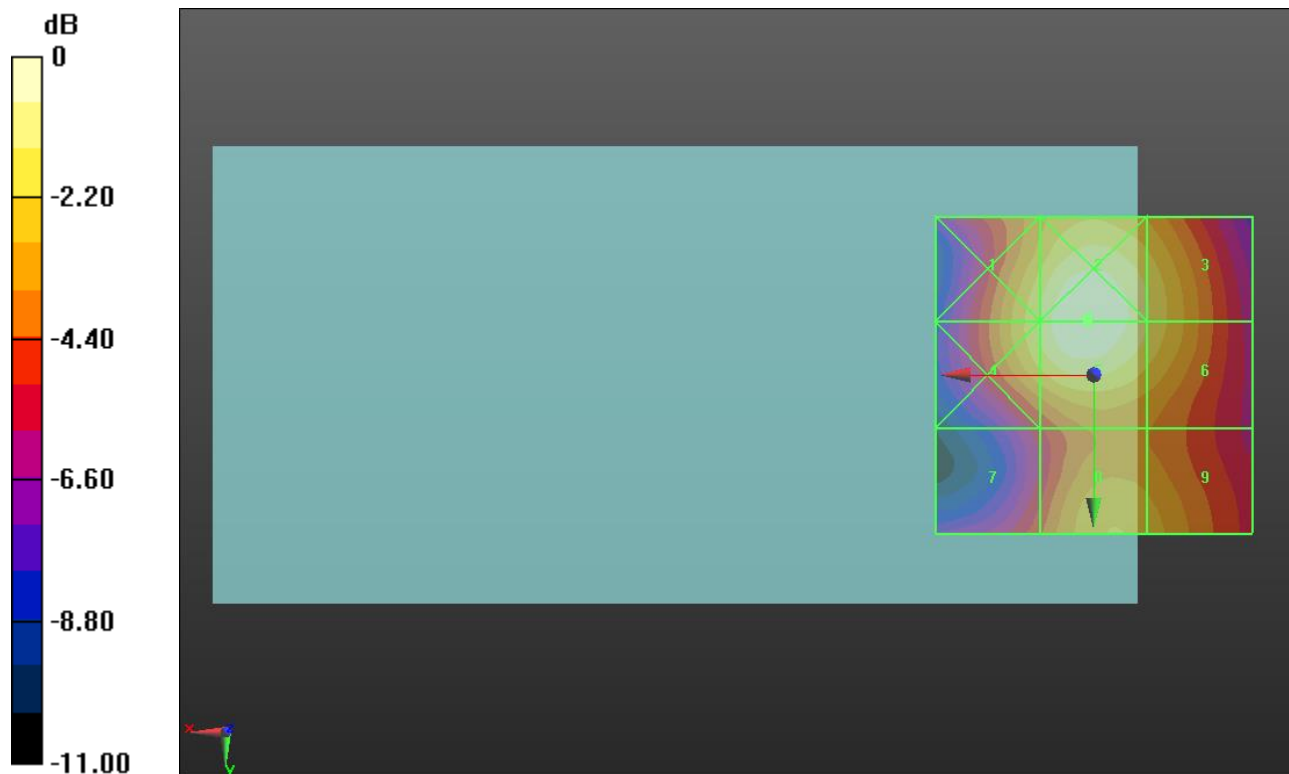
Applied MIF = -1.44 dB

RF audio interference level = 32.35 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.99 dBV/m	Grid 2 M3 32.36 dBV/m	Grid 3 M3 30.95 dBV/m
Grid 4 M3 31.01 dBV/m	Grid 5 M3 32.35 dBV/m	Grid 6 M3 30.93 dBV/m
Grid 7 M4 27.86 dBV/m	Grid 8 M3 30.18 dBV/m	Grid 9 M4 29.84 dBV/m



0 dB = 41.47 V/m = 32.35 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 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 71.47 V/m; Power Drift = 0.02 dB

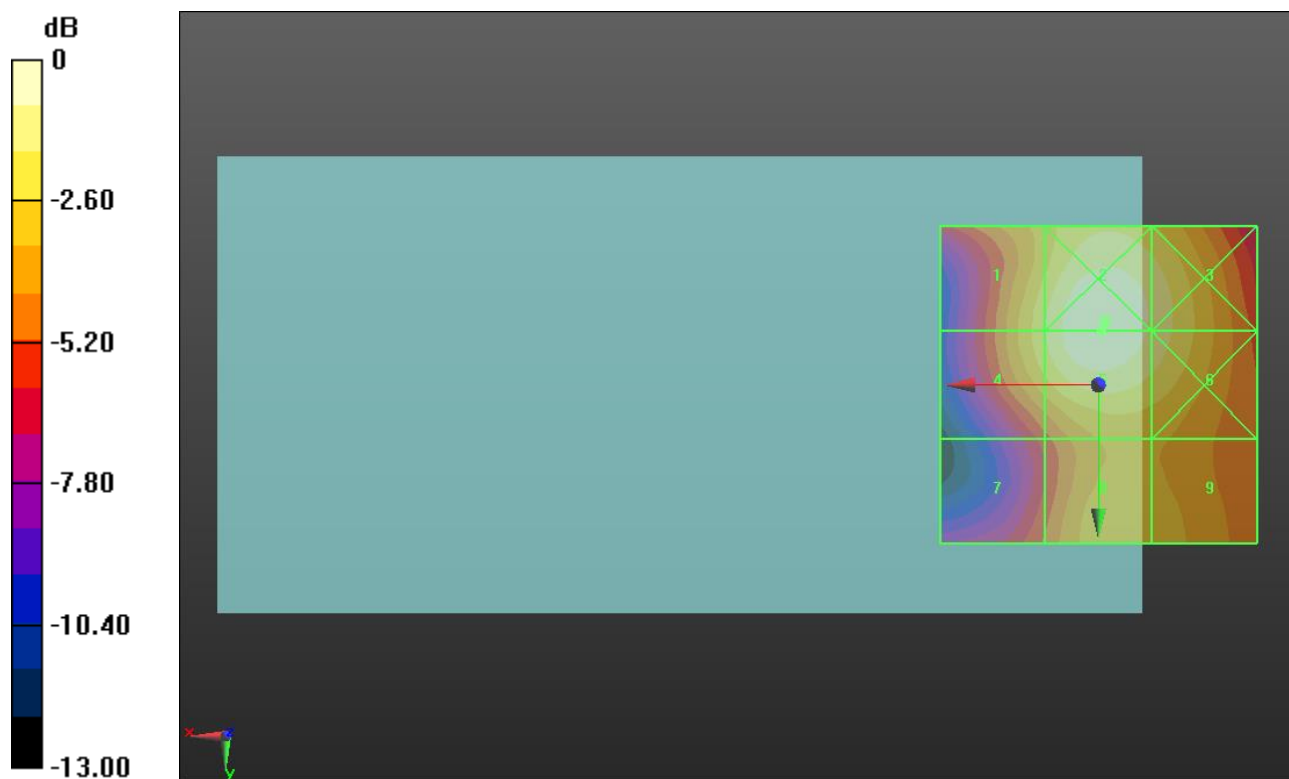
Applied MIF = -1.44 dB

RF audio interference level = 33.54 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.76 dBV/m	Grid 2 M3 33.58 dBV/m	Grid 3 M3 32.57 dBV/m
Grid 4 M3 31.76 dBV/m	Grid 5 M3 33.54 dBV/m	Grid 6 M3 32.52 dBV/m
Grid 7 M4 28.55 dBV/m	Grid 8 M3 30.95 dBV/m	Grid 9 M3 30.73 dBV/m



0 dB = 47.73 V/m = 33.58 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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 69.26 V/m; Power Drift = 0.05 dB

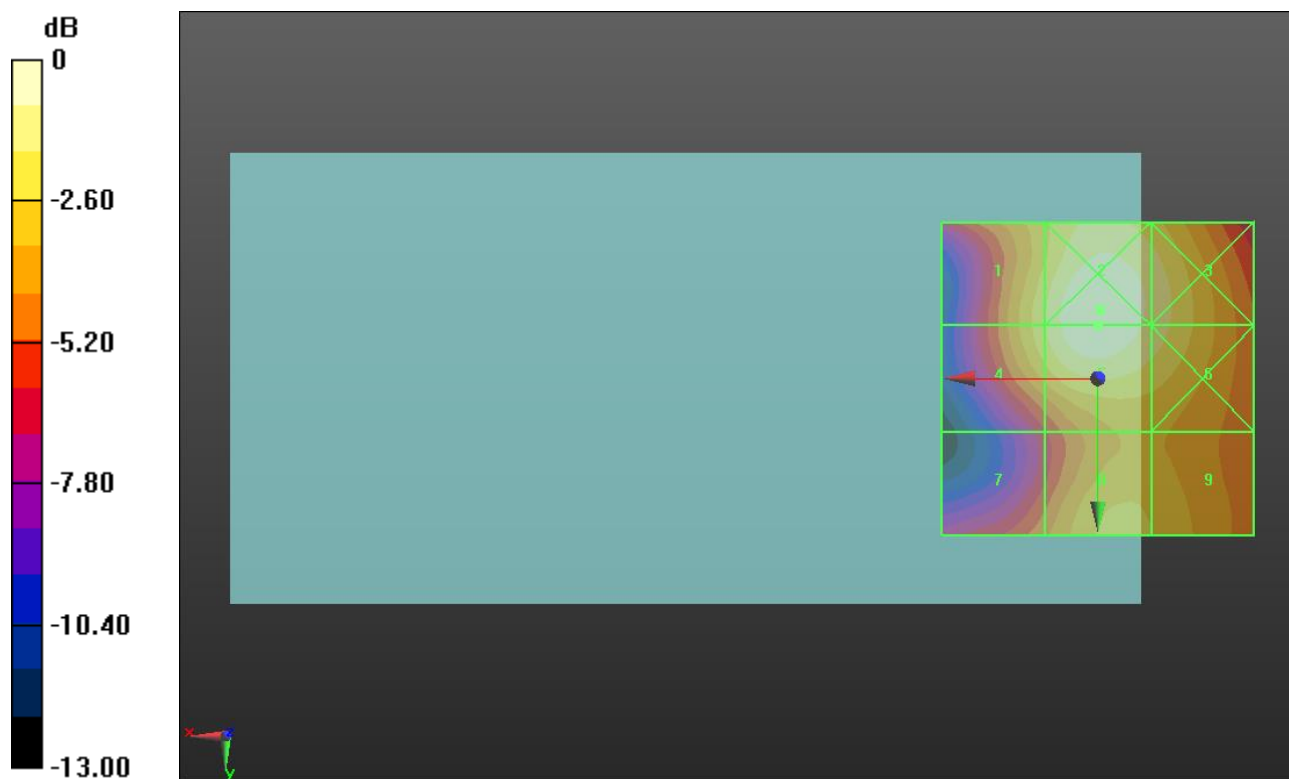
Applied MIF = -1.44 dB

RF audio interference level = 33.45 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.8 dBV/m	Grid 2 M3 33.54 dBV/m	Grid 3 M3 32.5 dBV/m
Grid 4 M3 31.77 dBV/m	Grid 5 M3 33.45 dBV/m	Grid 6 M3 32.4 dBV/m
Grid 7 M4 29.03 dBV/m	Grid 8 M3 31.22 dBV/m	Grid 9 M3 30.98 dBV/m



0 dB = 47.53 V/m = 33.54 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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 70.92 V/m; Power Drift = 0.02 dB

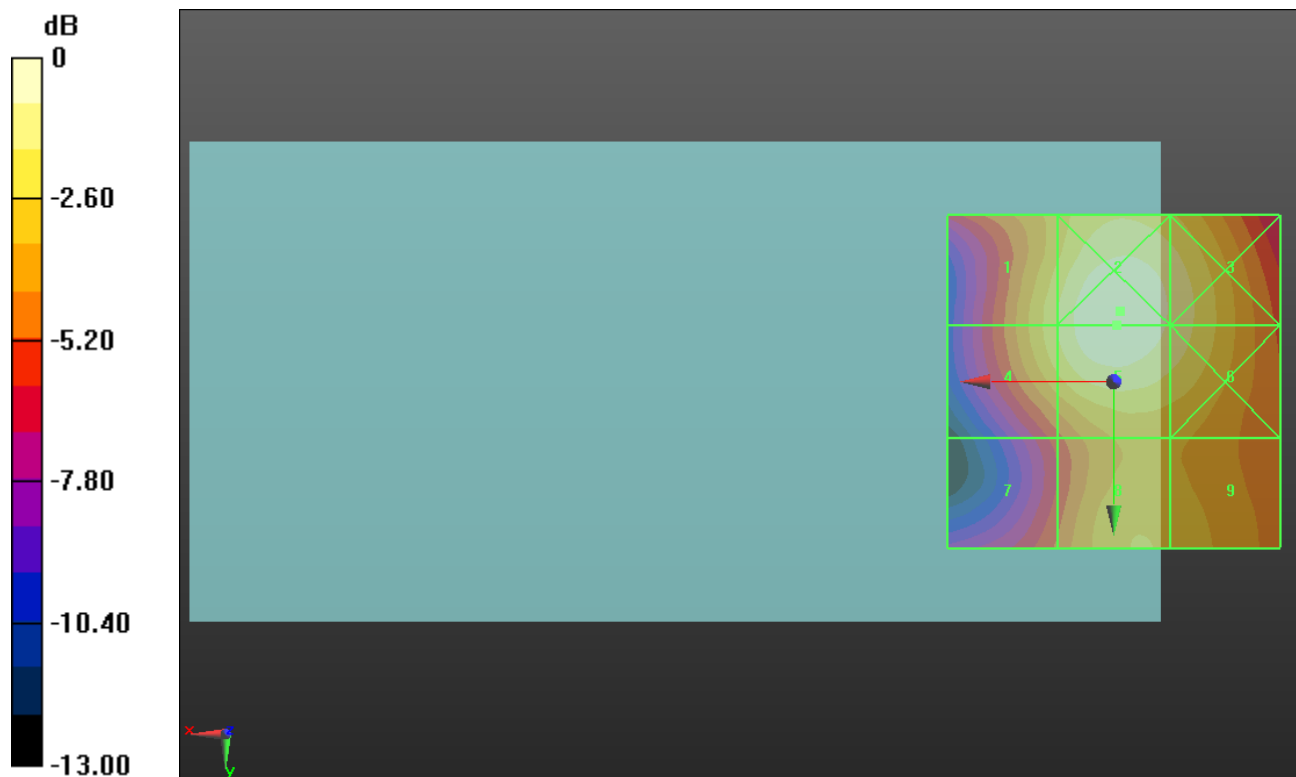
Applied MIF = -1.44 dB

RF audio interference level = 33.46 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.76 dBV/m	Grid 2 M3 33.5 dBV/m	Grid 3 M3 32.55 dBV/m
Grid 4 M3 31.76 dBV/m	Grid 5 M3 33.46 dBV/m	Grid 6 M3 32.5 dBV/m
Grid 7 M4 28.52 dBV/m	Grid 8 M3 30.92 dBV/m	Grid 9 M3 30.71 dBV/m



0 dB = 47.30 V/m = 33.50 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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 66.08 V/m; Power Drift = 0.06 dB

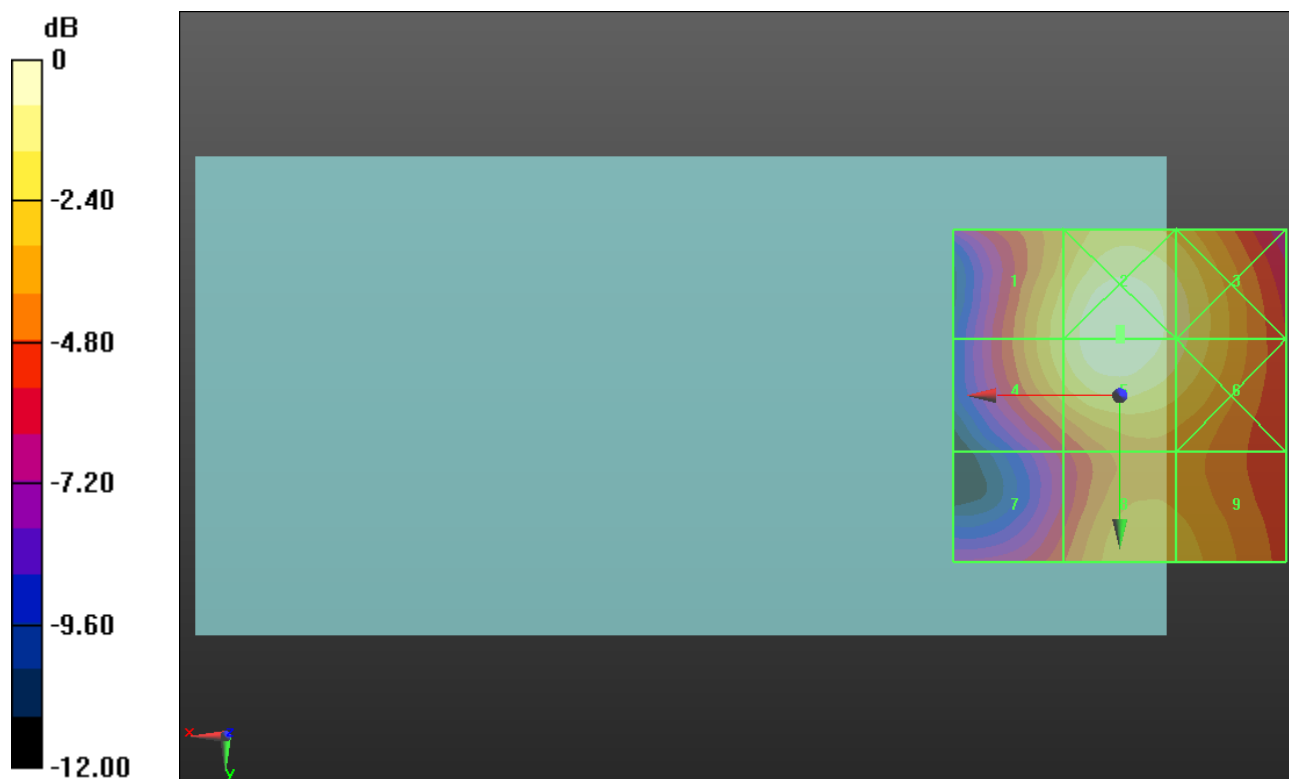
Applied MIF = -1.44 dB

RF audio interference level = 32.60 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.02 dBV/m	Grid 2 M3 32.64 dBV/m	Grid 3 M3 31.48 dBV/m
Grid 4 M3 31.02 dBV/m	Grid 5 M3 32.6 dBV/m	Grid 6 M3 31.42 dBV/m
Grid 7 M4 27.8 dBV/m	Grid 8 M3 30.23 dBV/m	Grid 9 M4 29.95 dBV/m



0 dB = 42.83 V/m = 32.63 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 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 61.48 V/m; Power Drift = 0.14 dB

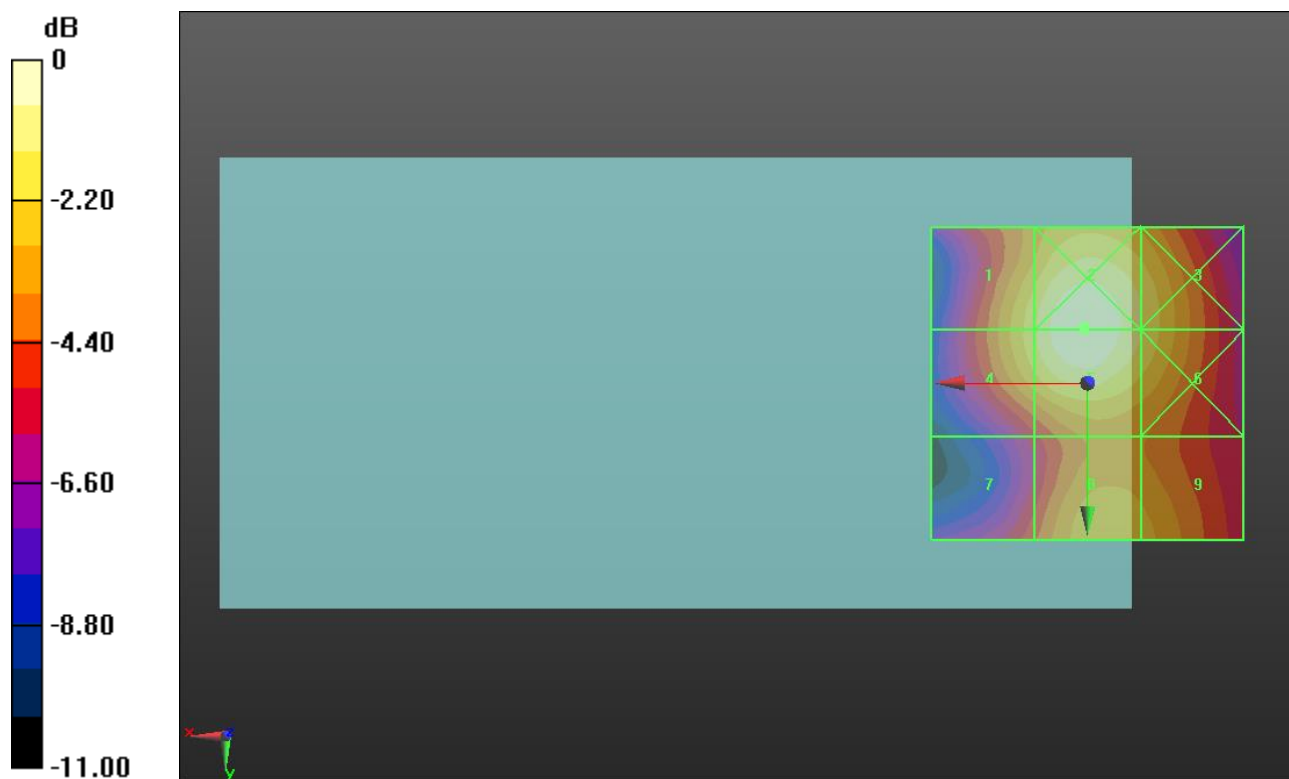
Applied MIF = -1.44 dB

RF audio interference level = 31.85 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.29 dBV/m	Grid 2 M3 31.86 dBV/m	Grid 3 M3 30.46 dBV/m
Grid 4 M3 30.3 dBV/m	Grid 5 M3 31.85 dBV/m	Grid 6 M3 30.44 dBV/m
Grid 7 M4 27.36 dBV/m	Grid 8 M4 29.62 dBV/m	Grid 9 M4 29.27 dBV/m



0 dB = 39.16 V/m = 31.86 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.20 V/m; Power Drift = -0.07 dB

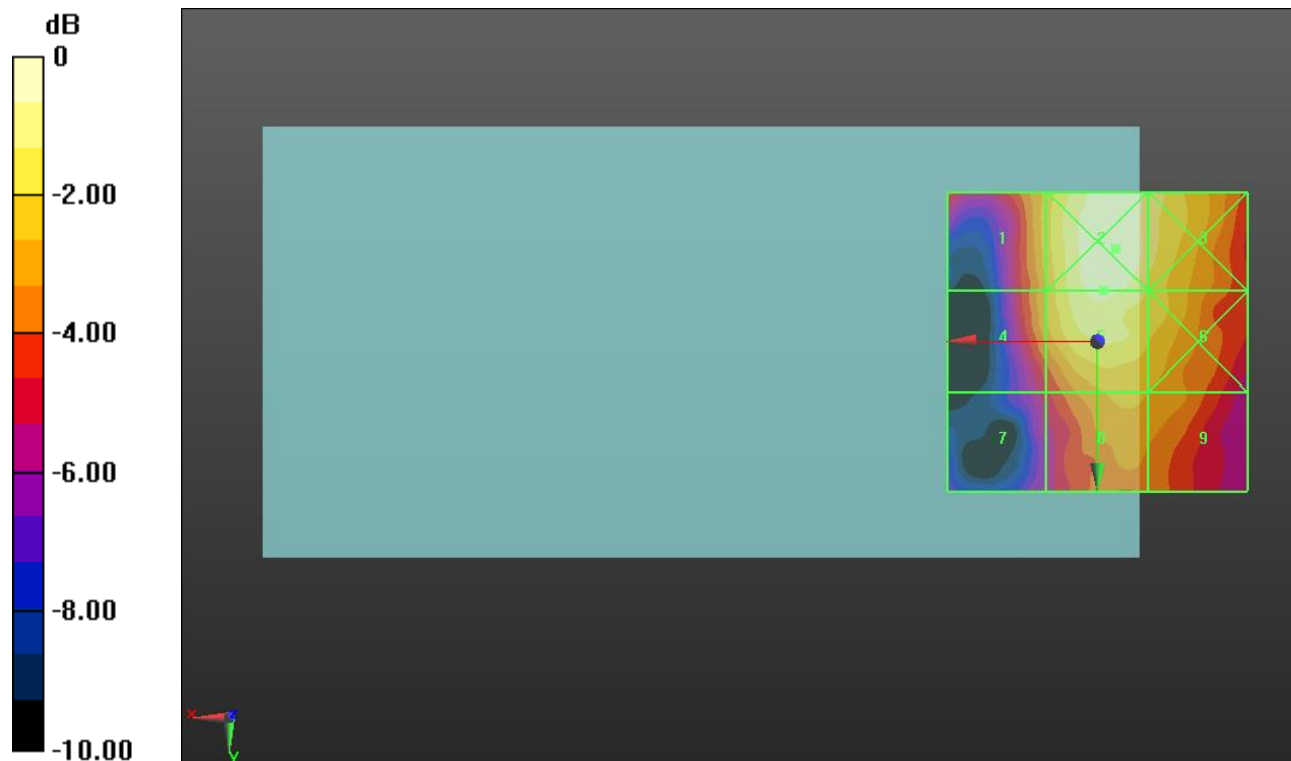
Applied MIF = -2.02 dB

RF audio interference level = 18.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.07 dBV/m	Grid 2 M4 19.3 dBV/m	Grid 3 M4 18.49 dBV/m
Grid 4 M4 16.81 dBV/m	Grid 5 M4 18.87 dBV/m	Grid 6 M4 17.86 dBV/m
Grid 7 M4 14.47 dBV/m	Grid 8 M4 16.89 dBV/m	Grid 9 M4 16.65 dBV/m



0 dB = 9.228 V/m = 19.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.26 V/m; Power Drift = -0.18 dB

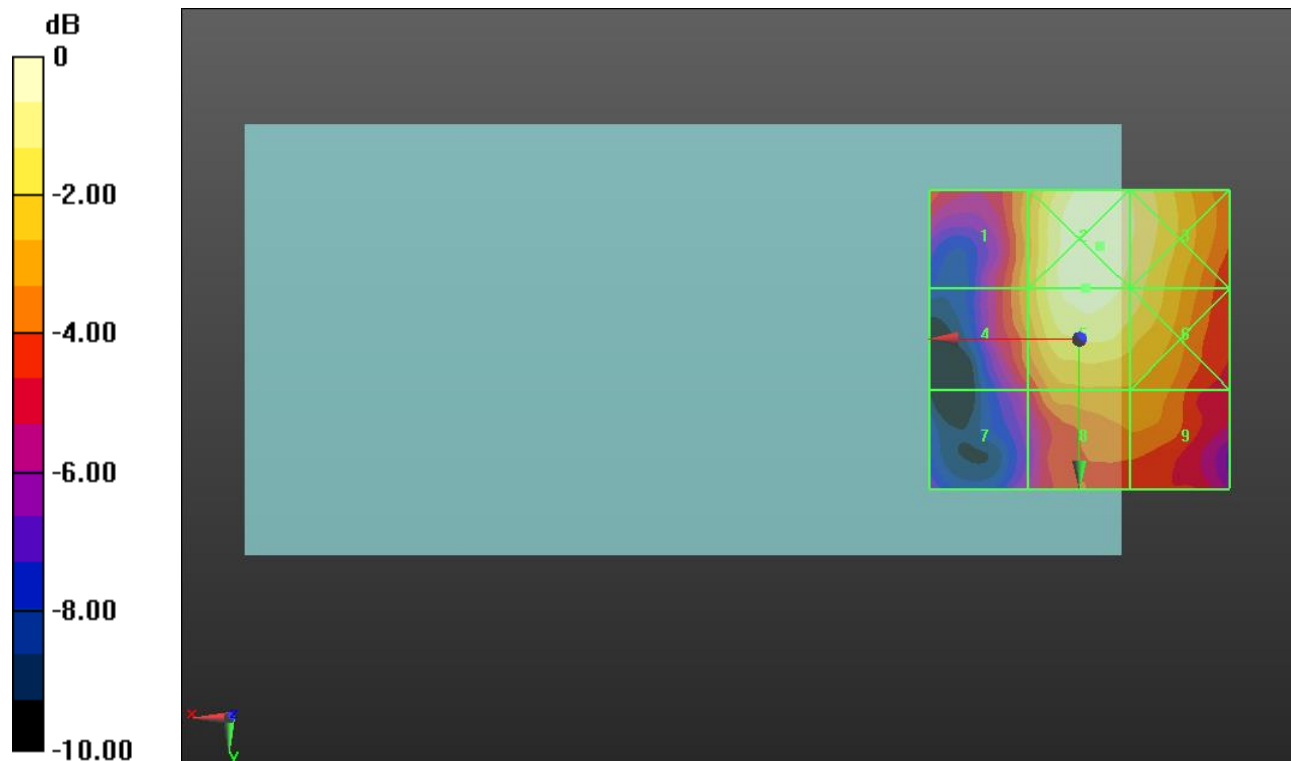
Applied MIF = -2.02 dB

RF audio interference level = 19.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.19 dBV/m	Grid 2 M4 19.75 dBV/m	Grid 3 M4 19.2 dBV/m
Grid 4 M4 17.19 dBV/m	Grid 5 M4 19.56 dBV/m	Grid 6 M4 18.82 dBV/m
Grid 7 M4 14.79 dBV/m	Grid 8 M4 17.03 dBV/m	Grid 9 M4 17.03 dBV/m



0 dB = 9.721 V/m = 19.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.75 V/m; Power Drift = -0.01 dB

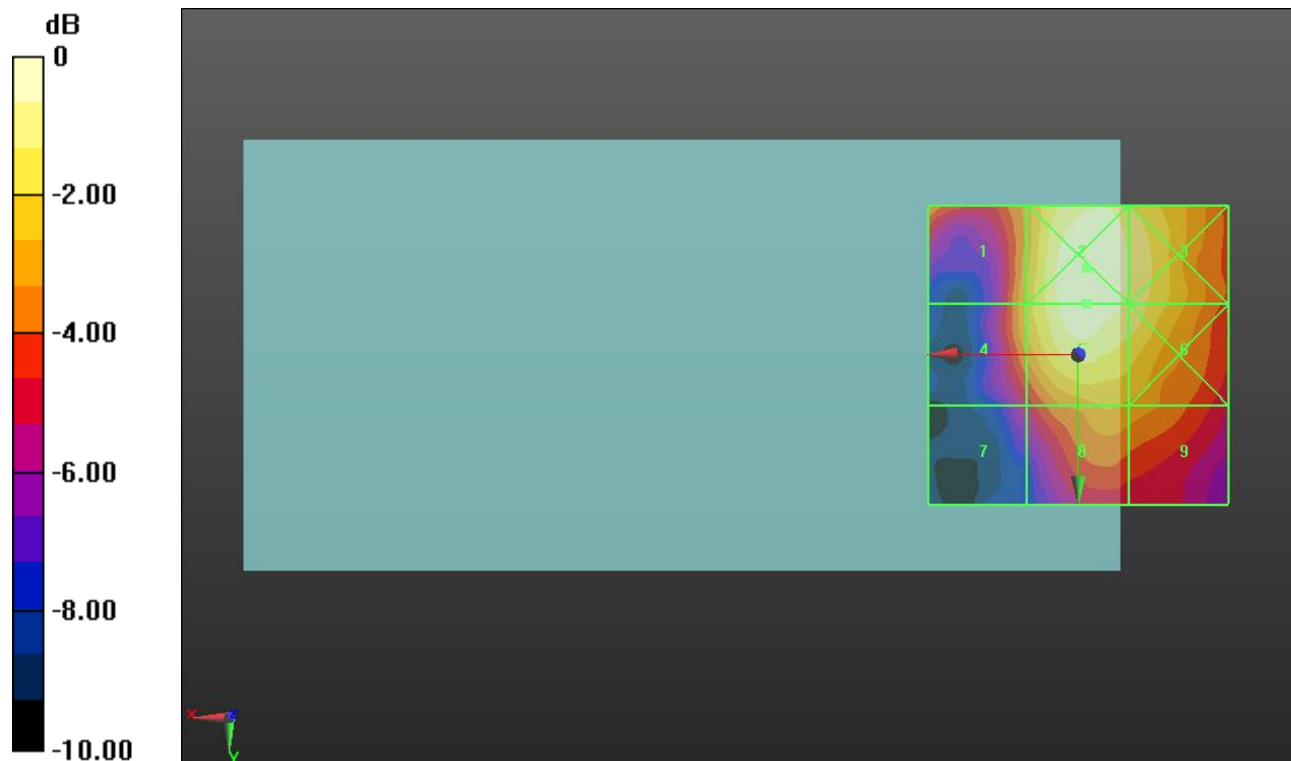
Applied MIF = -2.02 dB

RF audio interference level = 20.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.98 dBV/m	Grid 2 M4 20.43 dBV/m	Grid 3 M4 19.77 dBV/m
Grid 4 M4 18.01 dBV/m	Grid 5 M4 20.22 dBV/m	Grid 6 M4 19.59 dBV/m
Grid 7 M4 15.25 dBV/m	Grid 8 M4 17.85 dBV/m	Grid 9 M4 17.61 dBV/m



0 dB = 10.50 V/m = 20.42 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.40 V/m; Power Drift = -0.04 dB

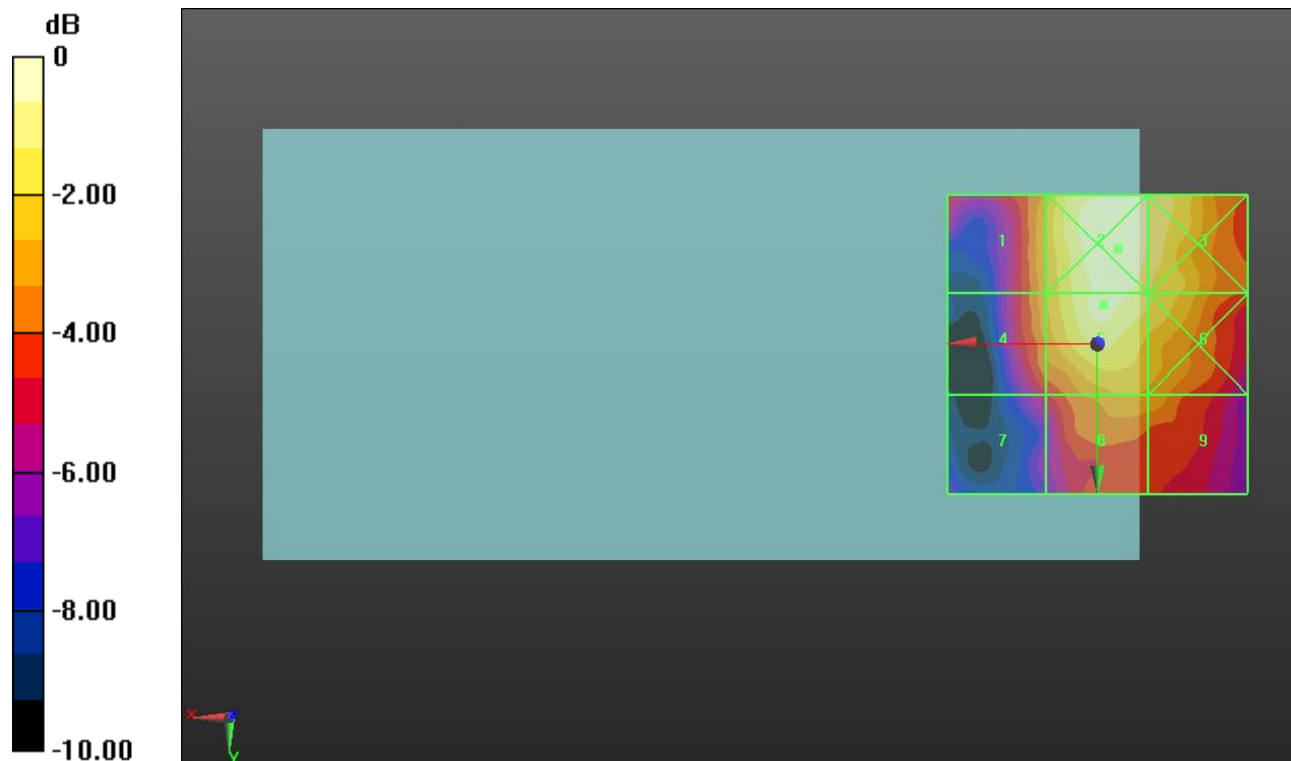
Applied MIF = 0.12 dB

RF audio interference level = 20.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.26 dBV/m	Grid 2 M4 20.74 dBV/m	Grid 3 M4 20.05 dBV/m
Grid 4 M4 18.04 dBV/m	Grid 5 M4 20.33 dBV/m	Grid 6 M4 19.48 dBV/m
Grid 7 M4 15.9 dBV/m	Grid 8 M4 18.14 dBV/m	Grid 9 M4 17.91 dBV/m



0 dB = 10.89 V/m = 20.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.85 V/m; Power Drift = 0.00 dB

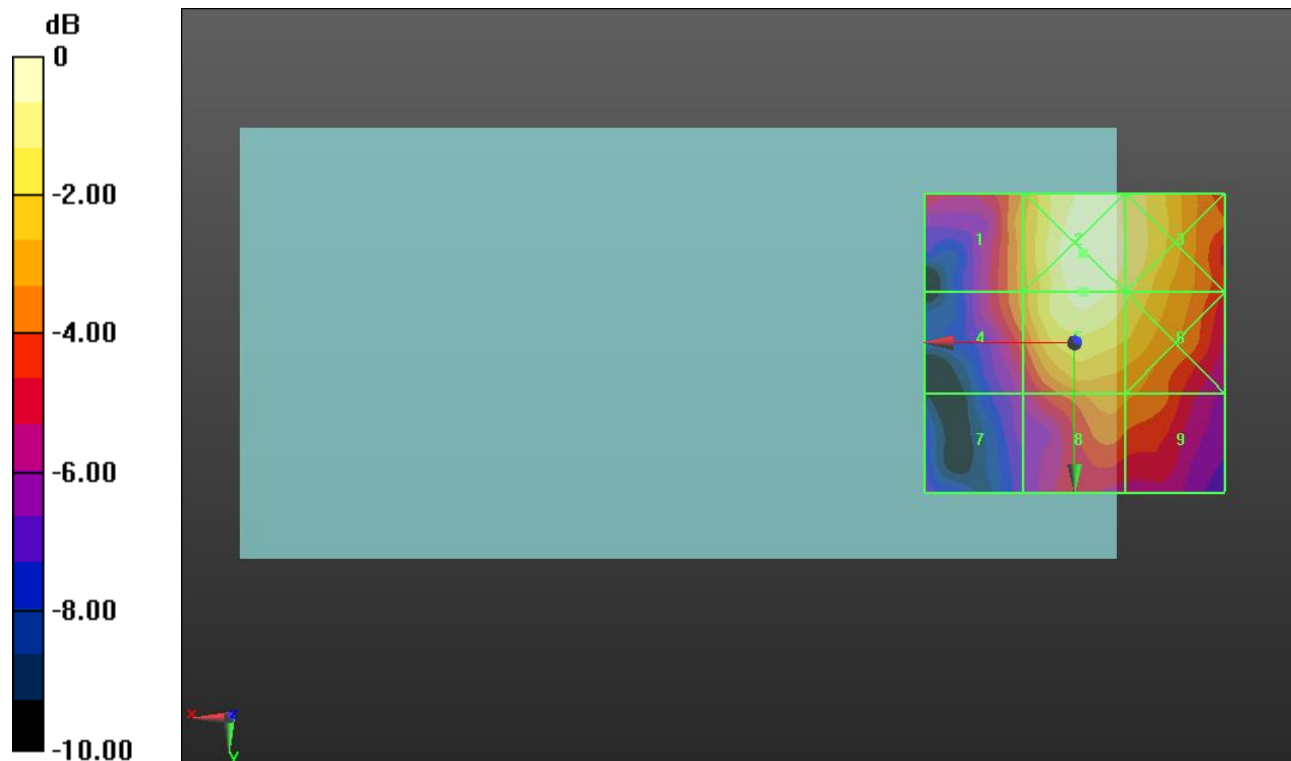
Applied MIF = 0.12 dB

RF audio interference level = 20.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.51 dBV/m	Grid 2 M4 21.26 dBV/m	Grid 3 M4 20.62 dBV/m
Grid 4 M4 18.35 dBV/m	Grid 5 M4 20.88 dBV/m	Grid 6 M4 20.14 dBV/m
Grid 7 M4 15.56 dBV/m	Grid 8 M4 18.33 dBV/m	Grid 9 M4 18.1 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.34 V/m; Power Drift = -0.02 dB

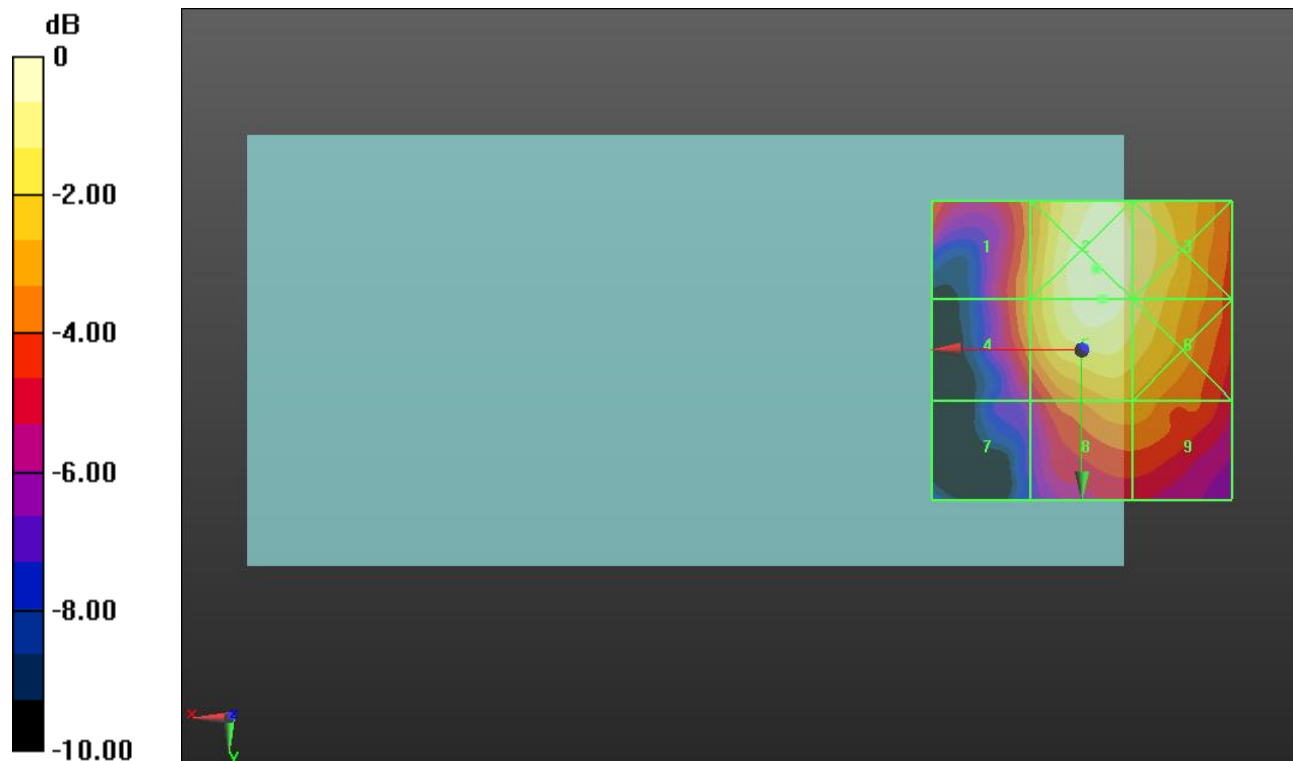
Applied MIF = 0.12 dB

RF audio interference level = 22.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.64 dBV/m	Grid 2 M4 22.39 dBV/m	Grid 3 M4 21.72 dBV/m
Grid 4 M4 19.66 dBV/m	Grid 5 M4 22.23 dBV/m	Grid 6 M4 21.44 dBV/m
Grid 7 M4 16.67 dBV/m	Grid 8 M4 19.71 dBV/m	Grid 9 M4 19.64 dBV/m



0 dB = 13.16 V/m = 22.39 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.39 V/m; Power Drift = -0.09 dB

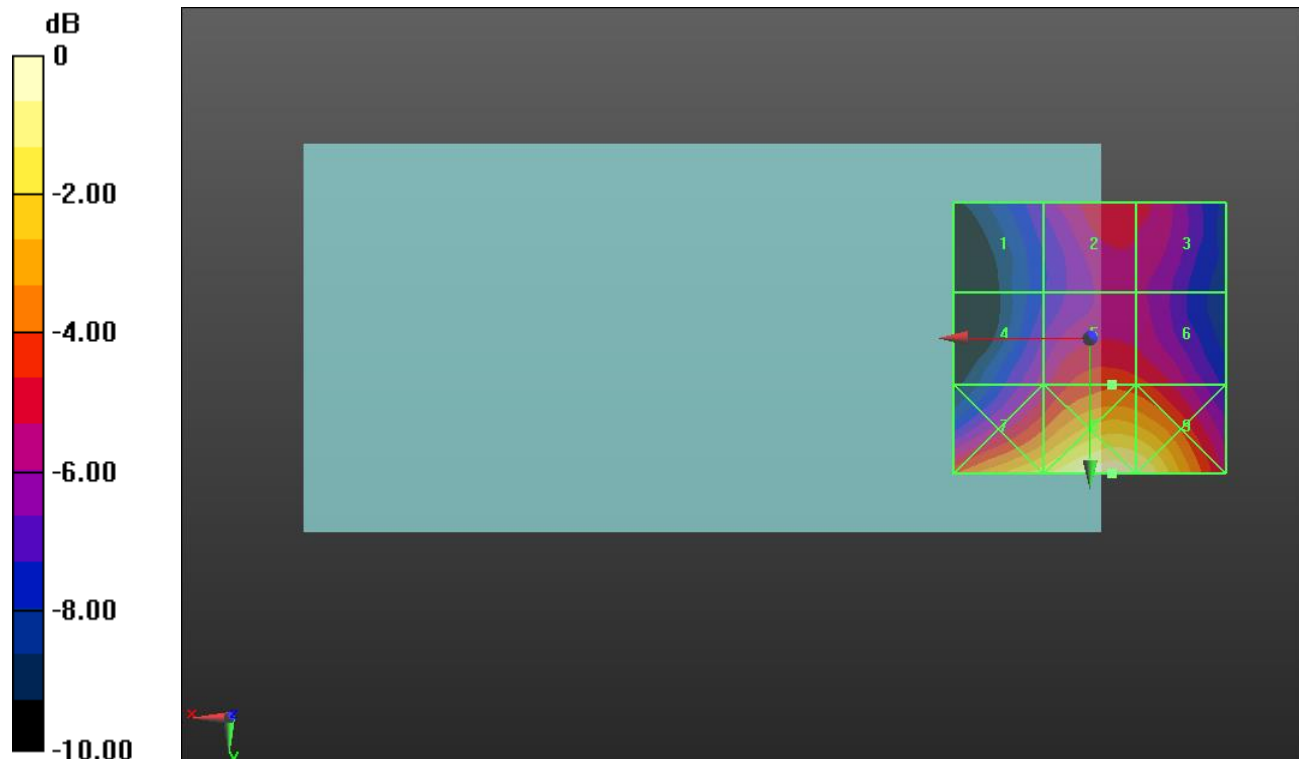
Applied MIF = 3.63 dB

RF audio interference level = 28.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.86 dBV/m	Grid 2 M4 27.63 dBV/m	Grid 3 M4 27.44 dBV/m
Grid 4 M4 26.79 dBV/m	Grid 5 M4 28.24 dBV/m	Grid 6 M4 28.04 dBV/m
Grid 7 M3 30.9 dBV/m	Grid 8 M3 32.39 dBV/m	Grid 9 M3 32.01 dBV/m



0 dB = 41.63 V/m = 32.39 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 = 19.69 V/m; Power Drift = -0.10 dB

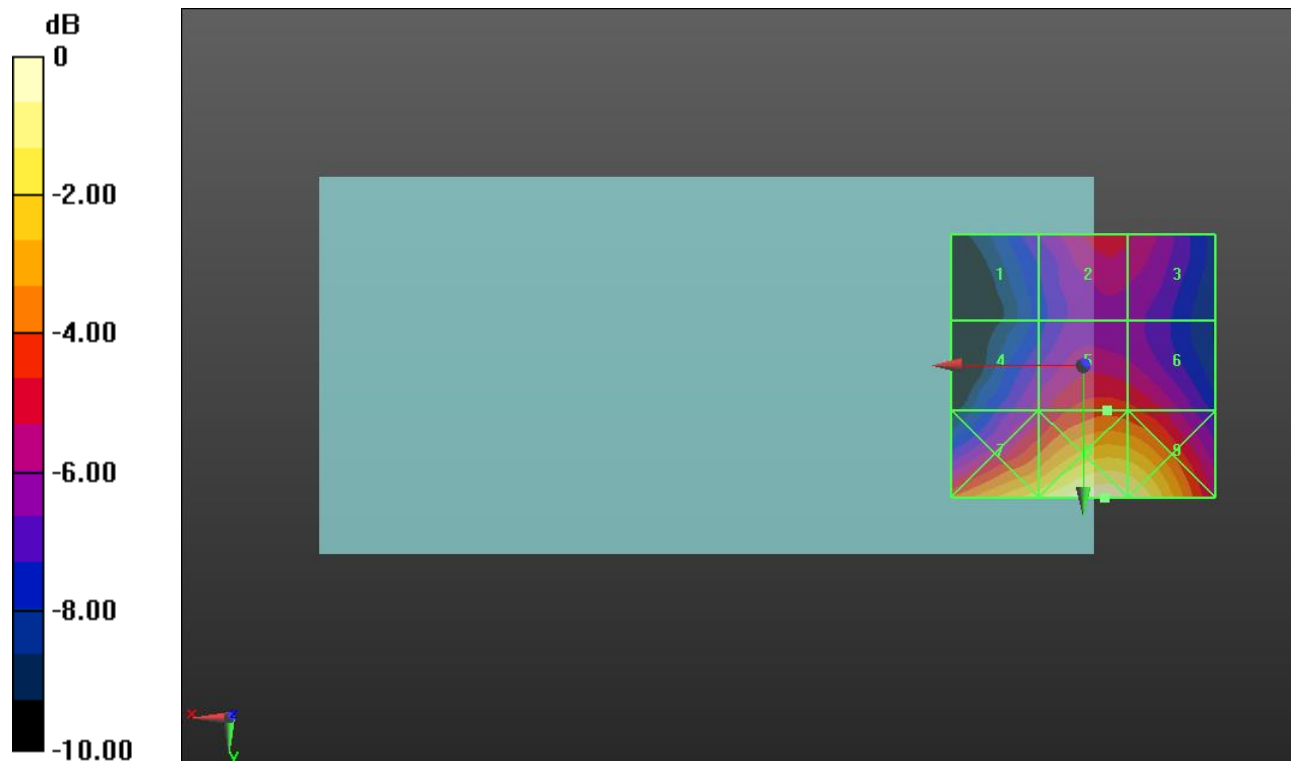
Applied MIF = 3.63 dB

RF audio interference level = 28.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.99 dBV/m	Grid 2 M4 27.5 dBV/m	Grid 3 M4 27.34 dBV/m
Grid 4 M4 26.89 dBV/m	Grid 5 M4 28.4 dBV/m	Grid 6 M4 28.19 dBV/m
Grid 7 M3 31.08 dBV/m	Grid 8 M3 32.58 dBV/m	Grid 9 M3 32.23 dBV/m



0 dB = 42.57 V/m = 32.58 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 = 19.70 V/m; Power Drift = -0.06 dB

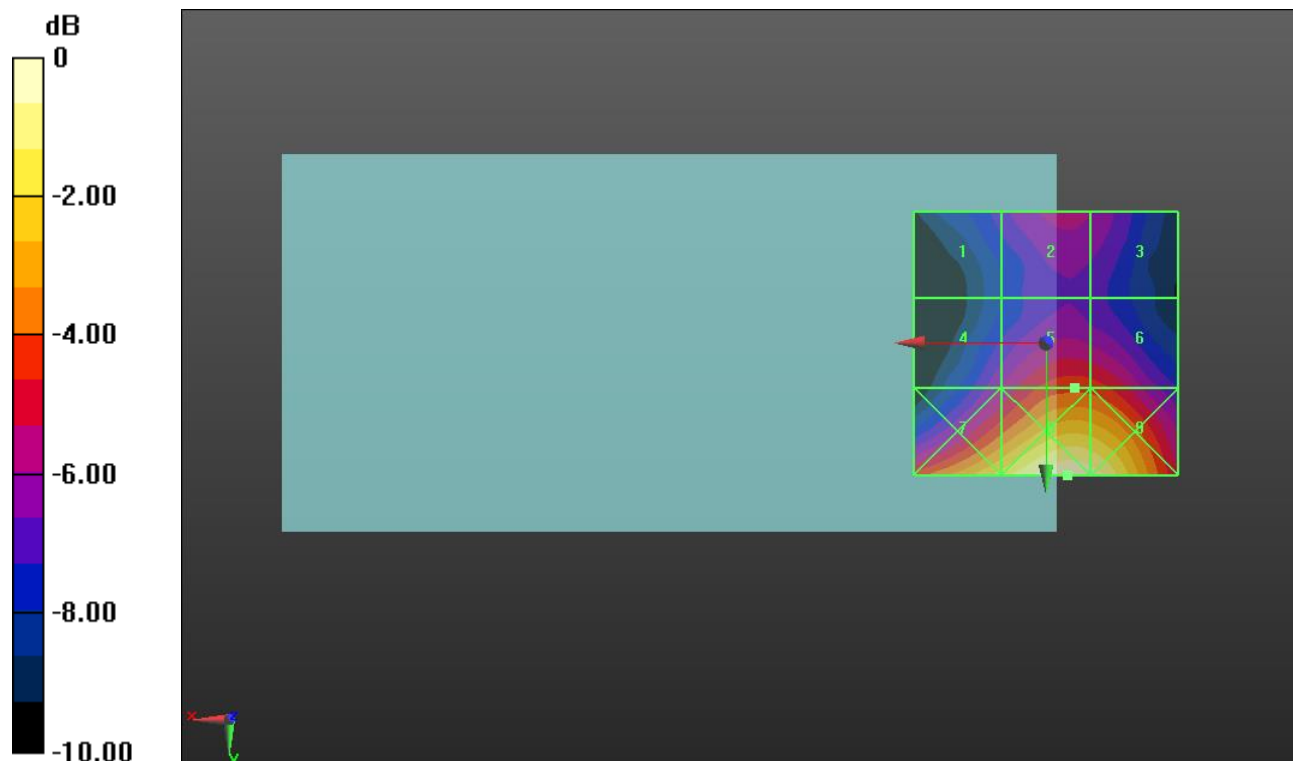
Applied MIF = 3.63 dB

RF audio interference level = 28.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.02 dBV/m	Grid 2 M4 27.35 dBV/m	Grid 3 M4 26.96 dBV/m
Grid 4 M4 27.01 dBV/m	Grid 5 M4 28.76 dBV/m	Grid 6 M4 28.69 dBV/m
Grid 7 M3 31.24 dBV/m	Grid 8 M3 32.95 dBV/m	Grid 9 M3 32.66 dBV/m



0 dB = 44.39 V/m = 32.95 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 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 74.64 V/m; Power Drift = -0.04 dB

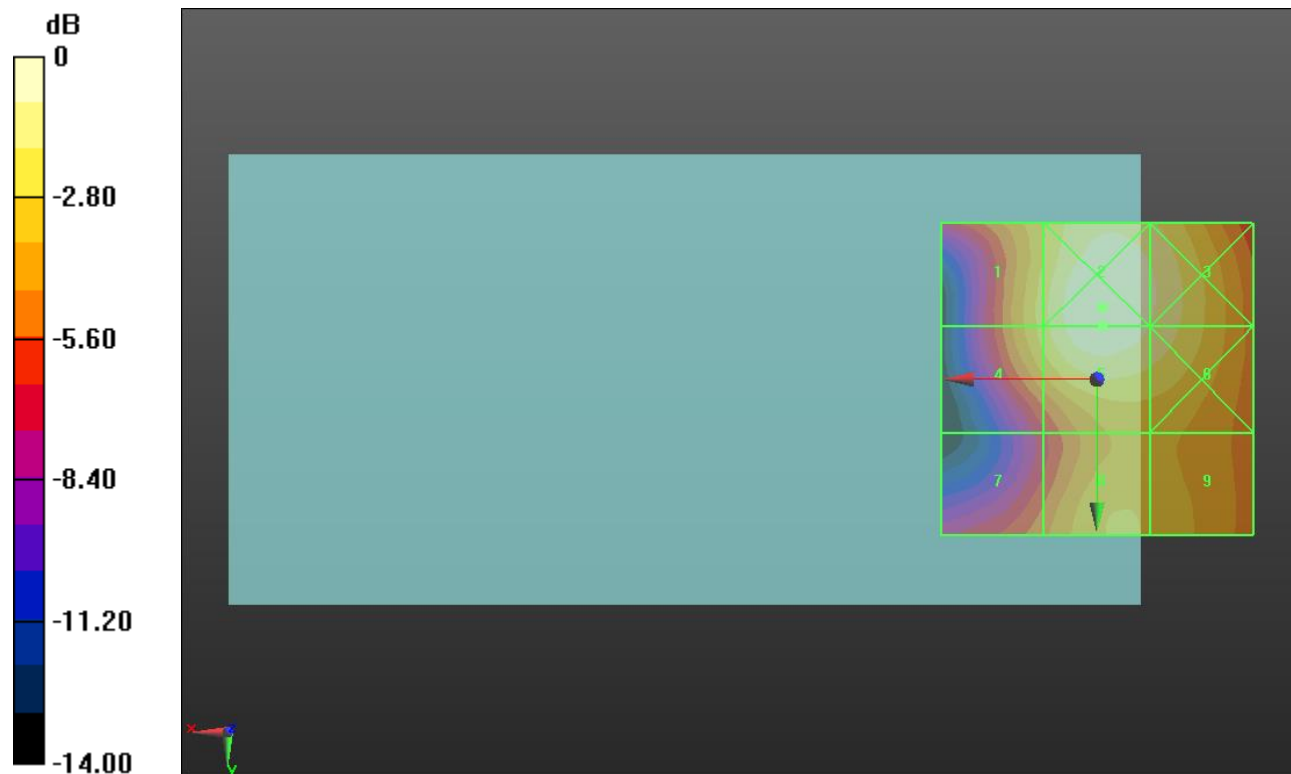
Applied MIF = -1.44 dB

RF audio interference level = 34.21 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.23 dBV/m	Grid 2 M3 34.37 dBV/m	Grid 3 M3 33.62 dBV/m
Grid 4 M3 32.13 dBV/m	Grid 5 M3 34.21 dBV/m	Grid 6 M3 33.41 dBV/m
Grid 7 M4 29.54 dBV/m	Grid 8 M3 31.68 dBV/m	Grid 9 M3 31.44 dBV/m



0 dB = 52.32 V/m = 34.37 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 72.75 V/m; Power Drift = 0.20 dB

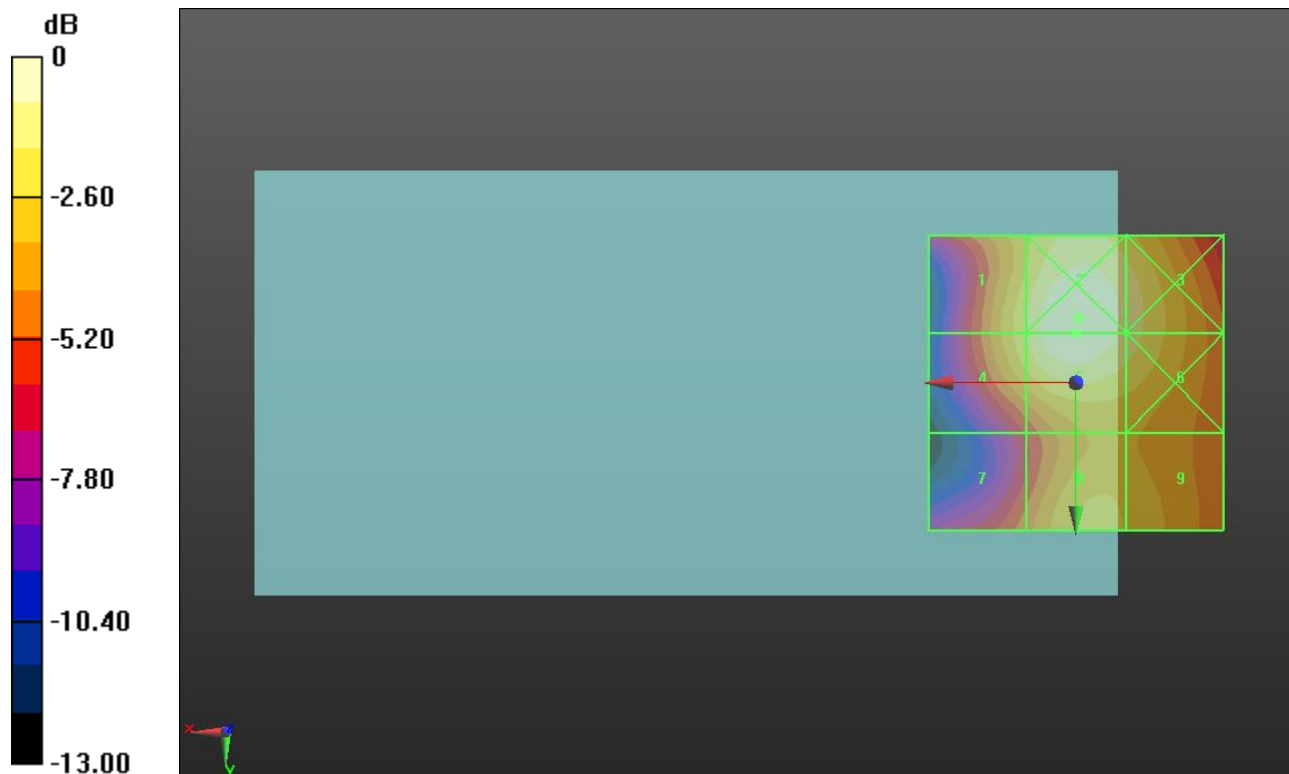
Applied MIF = -1.44 dB

RF audio interference level = 33.94 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.32 dBV/m	Grid 2 M3 34.03 dBV/m	Grid 3 M3 32.92 dBV/m
Grid 4 M3 32.29 dBV/m	Grid 5 M3 33.94 dBV/m	Grid 6 M3 32.83 dBV/m
Grid 7 M4 29.42 dBV/m	Grid 8 M3 31.66 dBV/m	Grid 9 M3 31.38 dBV/m



0 dB = 50.29 V/m = 34.03 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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 77.54 V/m; Power Drift = 0.07 dB

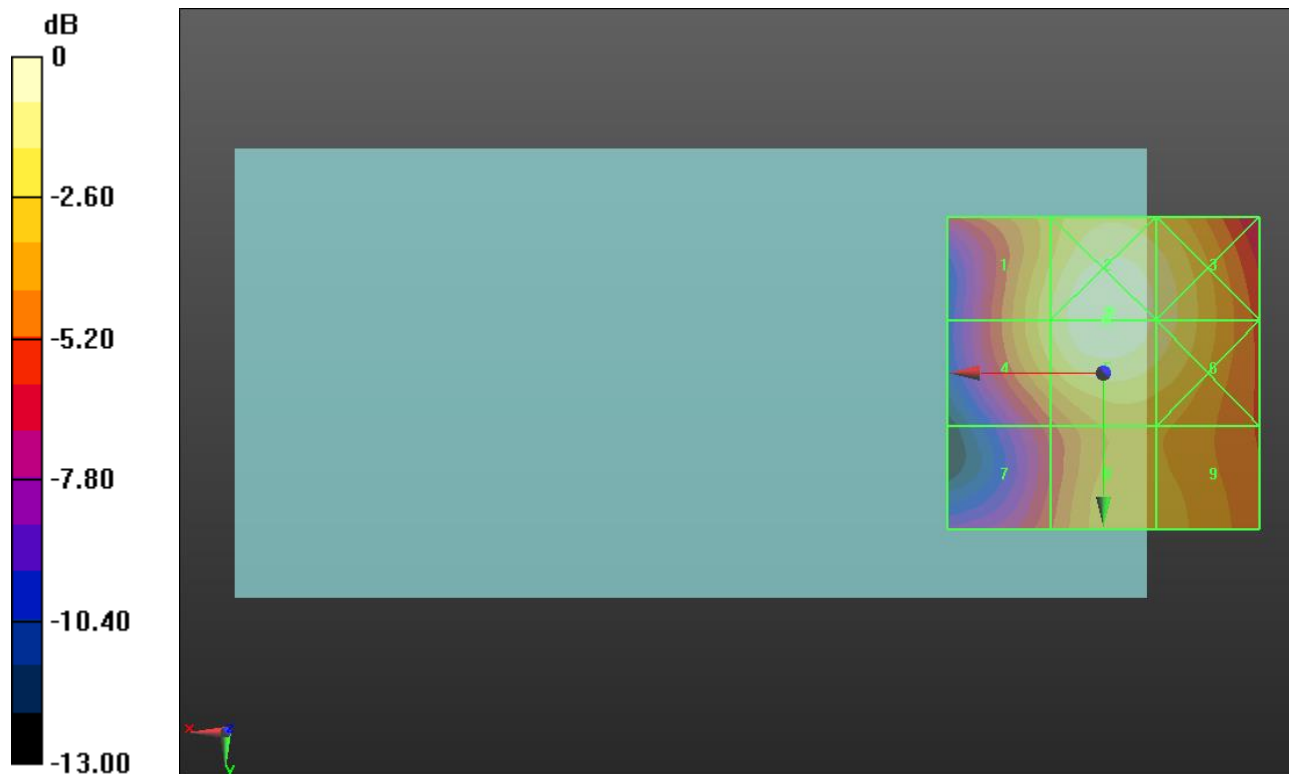
Applied MIF = -1.44 dB

RF audio interference level = 34.19 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.4 dBV/m	Grid 2 M3 34.22 dBV/m	Grid 3 M3 33.25 dBV/m
Grid 4 M3 32.4 dBV/m	Grid 5 M3 34.19 dBV/m	Grid 6 M3 33.2 dBV/m
Grid 7 M4 28.95 dBV/m	Grid 8 M3 31.53 dBV/m	Grid 9 M3 31.32 dBV/m



0 dB = 51.42 V/m = 34.22 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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 73.13 V/m; Power Drift = -0.09 dB

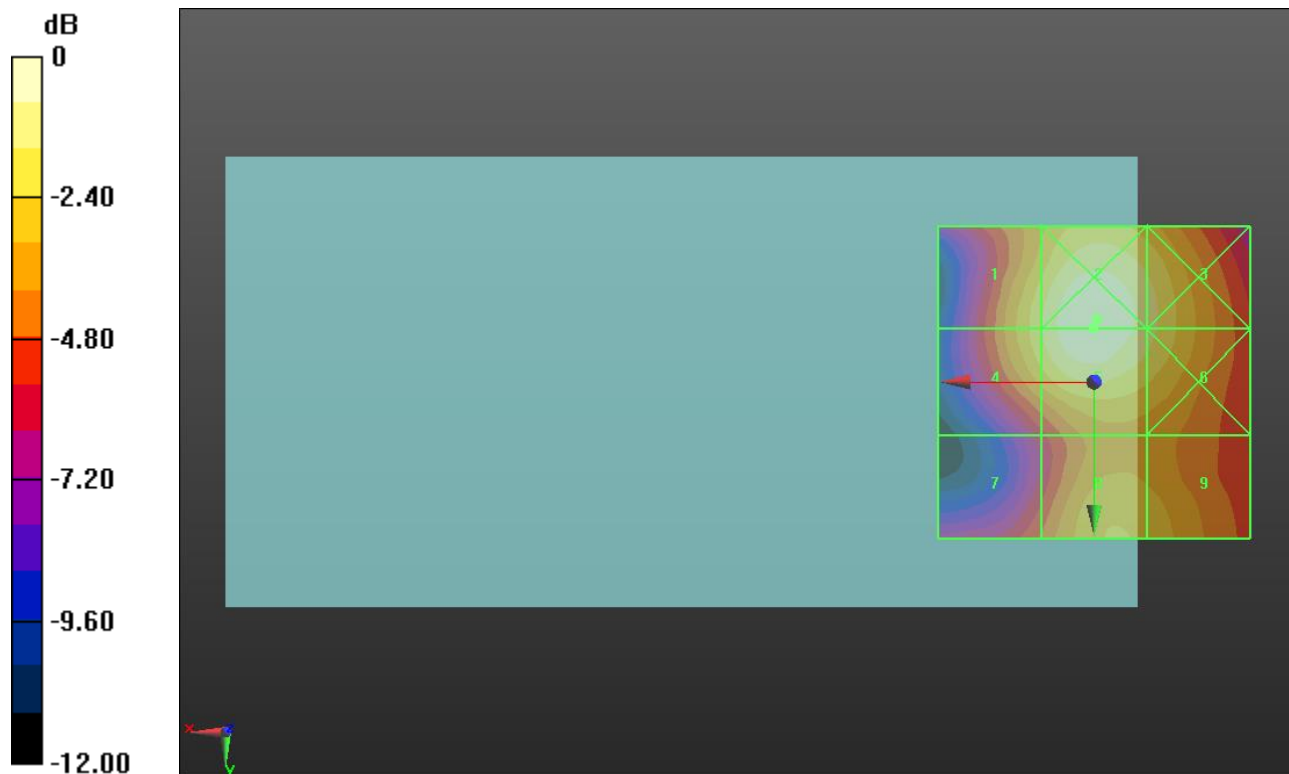
Applied MIF = -1.44 dB

RF audio interference level = 33.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.72 dBV/m	Grid 2 M3 33.4 dBV/m	Grid 3 M3 32.19 dBV/m
Grid 4 M3 31.71 dBV/m	Grid 5 M3 33.36 dBV/m	Grid 6 M3 32.13 dBV/m
Grid 7 M4 28.73 dBV/m	Grid 8 M3 31.05 dBV/m	Grid 9 M3 30.77 dBV/m



0 dB = 46.78 V/m = 33.40 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 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 2/22/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 67.20 V/m; Power Drift = -0.13 dB

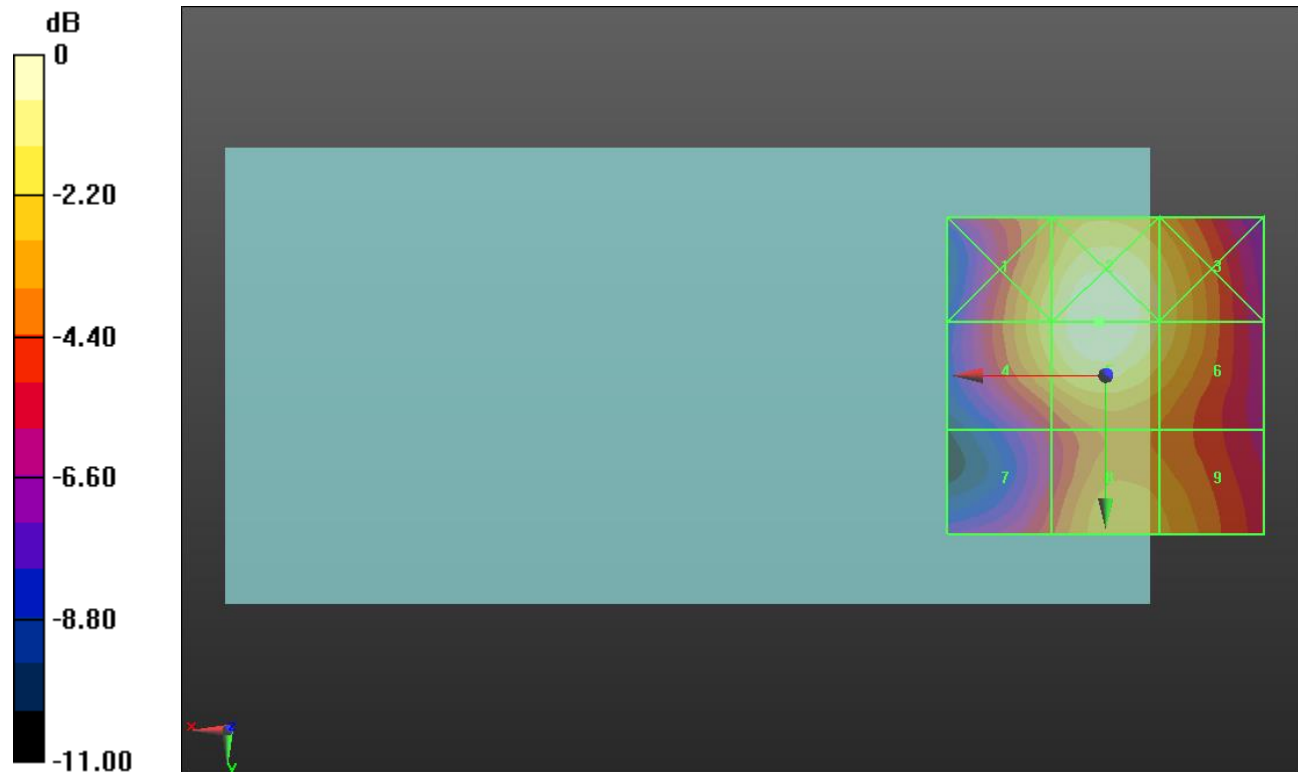
Applied MIF = -1.44 dB

RF audio interference level = 32.40 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.93 dBV/m	Grid 2 M3 32.4 dBV/m	Grid 3 M3 30.96 dBV/m
Grid 4 M3 30.93 dBV/m	Grid 5 M3 32.4 dBV/m	Grid 6 M3 30.93 dBV/m
Grid 7 M4 27.92 dBV/m	Grid 8 M3 30.15 dBV/m	Grid 9 M4 29.72 dBV/m



0 dB = 41.67 V/m = 32.40 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 = 16.41 V/m; Power Drift = 0.18 dB

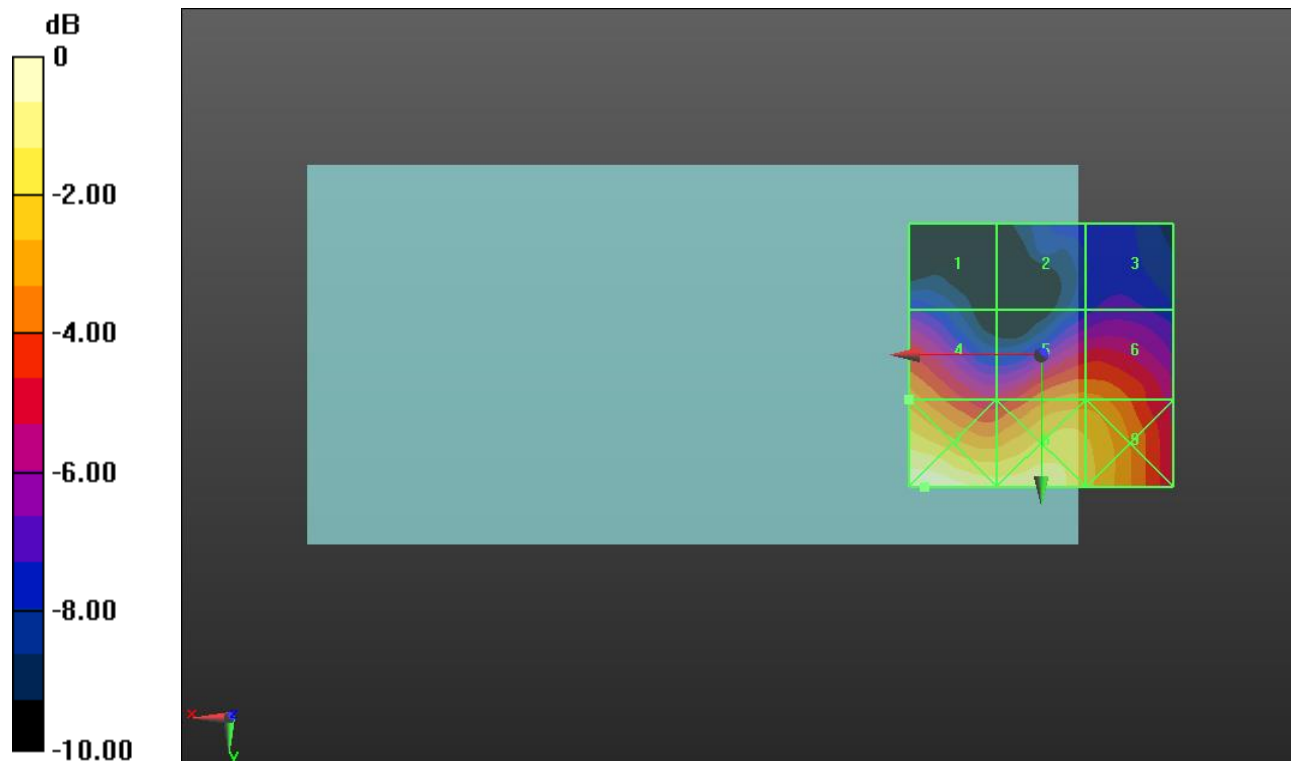
Applied MIF = -1.44 dB

RF audio interference level = 24.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.17 dBV/m	Grid 2 M4 20.21 dBV/m	Grid 3 M4 20.53 dBV/m
Grid 4 M4 24.51 dBV/m	Grid 5 M4 24.43 dBV/m	Grid 6 M4 24.42 dBV/m
Grid 7 M4 27.45 dBV/m	Grid 8 M4 26.53 dBV/m	Grid 9 M4 25.7 dBV/m



0 dB = 23.58 V/m = 27.45 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 = 18.18 V/m; Power Drift = -0.15 dB

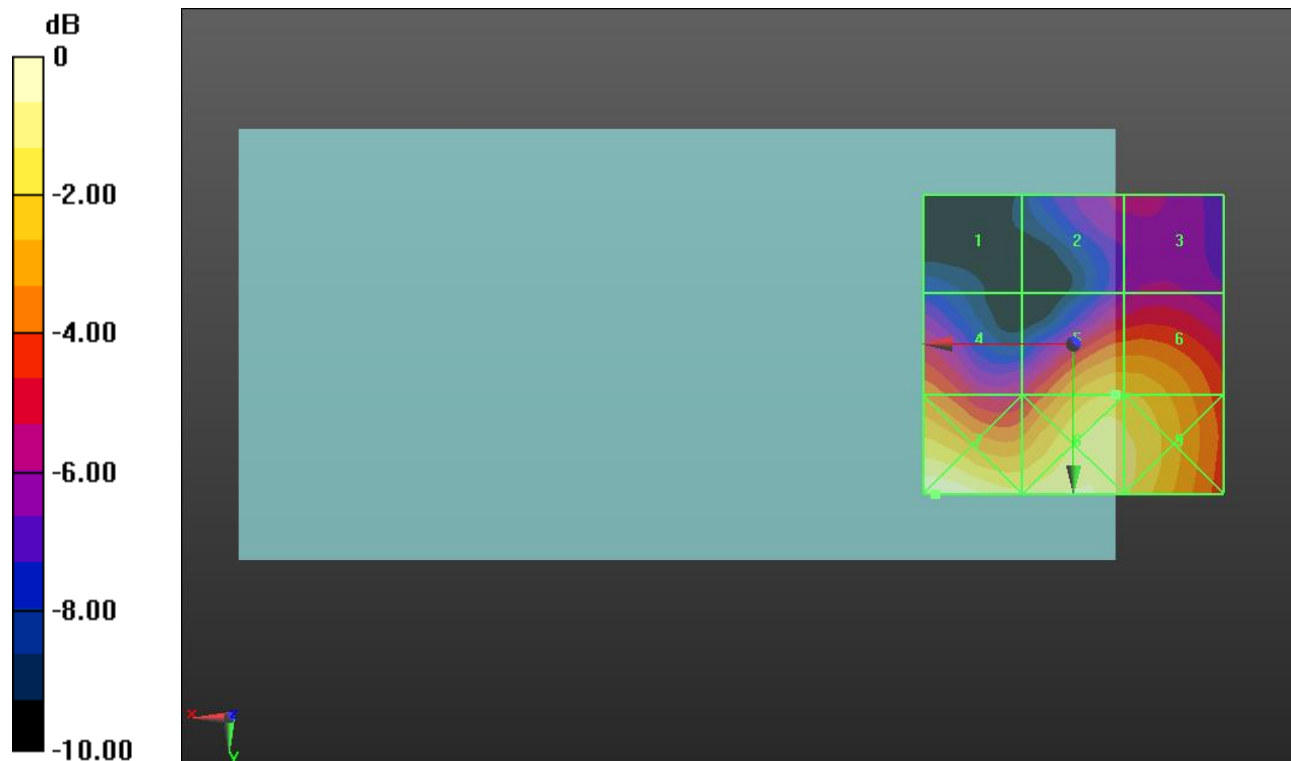
Applied MIF = -1.44 dB

RF audio interference level = 24.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.96 dBV/m	Grid 2 M4 20.84 dBV/m	Grid 3 M4 20.92 dBV/m
Grid 4 M4 23.27 dBV/m	Grid 5 M4 24.76 dBV/m	Grid 6 M4 24.74 dBV/m
Grid 7 M4 26.64 dBV/m	Grid 8 M4 26.03 dBV/m	Grid 9 M4 25.57 dBV/m



0 dB = 21.49 V/m = 26.64 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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 19.71 V/m; Power Drift = -0.02 dB

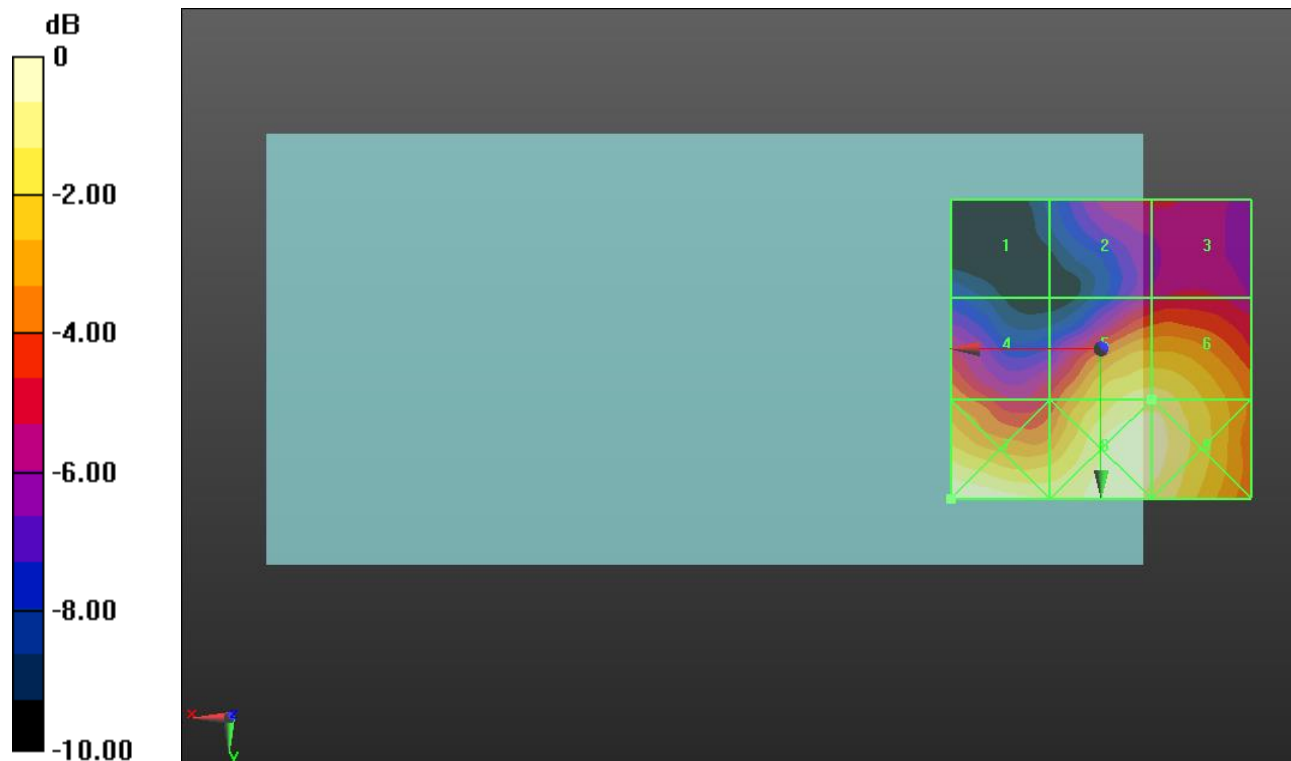
Applied MIF = -1.44 dB

RF audio interference level = 24.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.09 dBV/m	Grid 2 M4 20.8 dBV/m	Grid 3 M4 20.84 dBV/m
Grid 4 M4 22.56 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 24.9 dBV/m
Grid 7 M4 25.86 dBV/m	Grid 8 M4 25.64 dBV/m	Grid 9 M4 25.47 dBV/m



0 dB = 19.63 V/m = 25.86 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 = 22.54 V/m; Power Drift = 0.04 dB

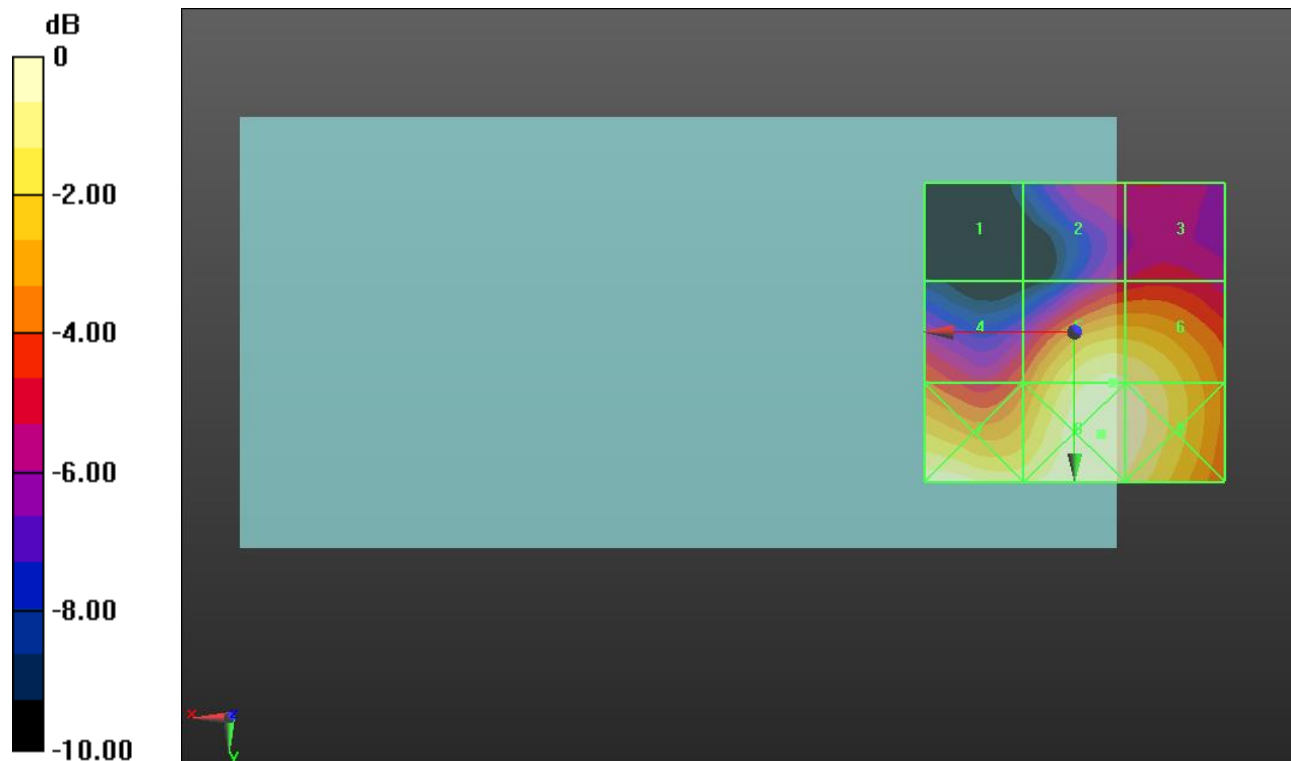
Applied MIF = -1.44 dB

RF audio interference level = 25.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.75 dBV/m	Grid 2 M4 21.04 dBV/m	Grid 3 M4 21.43 dBV/m
Grid 4 M4 22.52 dBV/m	Grid 5 M4 25.75 dBV/m	Grid 6 M4 25.66 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 26.24 dBV/m	Grid 9 M4 26.04 dBV/m



0 dB = 20.52 V/m = 26.24 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.35 V/m; Power Drift = -0.06 dB

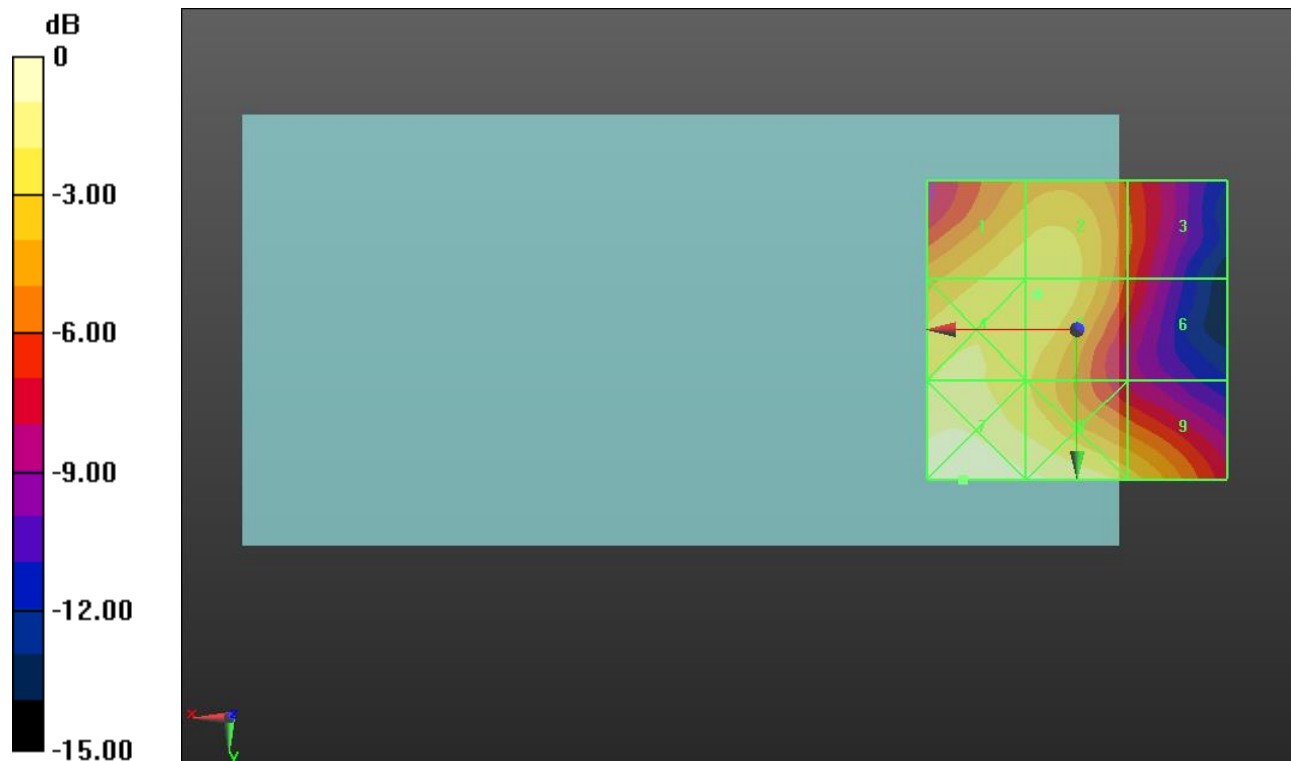
Applied MIF = -2.02 dB

RF audio interference level = 24.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.87 dBV/m	Grid 2 M4 24.01 dBV/m	Grid 3 M4 20.45 dBV/m
Grid 4 M4 24.31 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 19.8 dBV/m
Grid 7 M4 26.11 dBV/m	Grid 8 M4 25.34 dBV/m	Grid 9 M4 23.69 dBV/m



0 dB = 20.20 V/m = 26.11 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.45 V/m; Power Drift = -0.13 dB

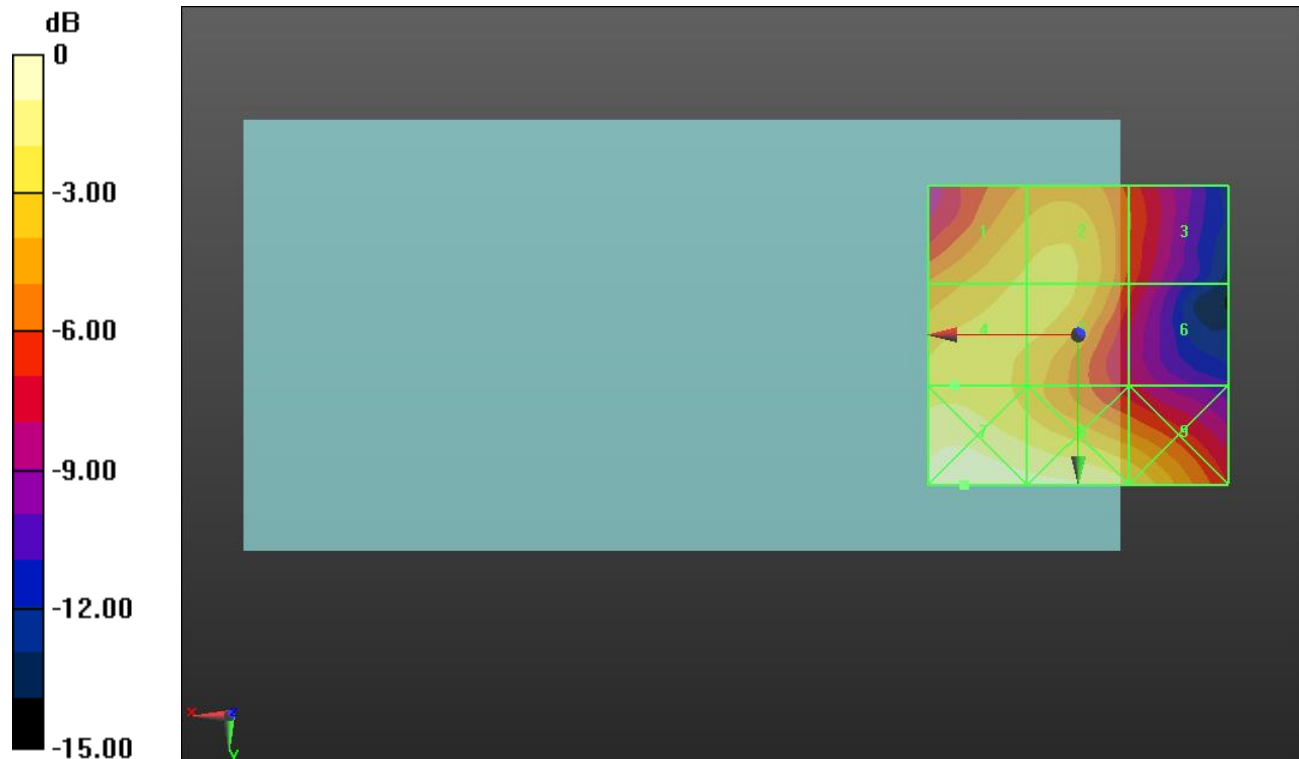
Applied MIF = -2.02 dB

RF audio interference level = 23.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.89 dBV/m	Grid 2 M4 23.08 dBV/m	Grid 3 M4 19.78 dBV/m
Grid 4 M4 23.3 dBV/m	Grid 5 M4 23.09 dBV/m	Grid 6 M4 19.2 dBV/m
Grid 7 M4 25.63 dBV/m	Grid 8 M4 25.05 dBV/m	Grid 9 M4 23.73 dBV/m



0 dB = 19.11 V/m = 25.63 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.50 V/m; Power Drift = -0.01 dB

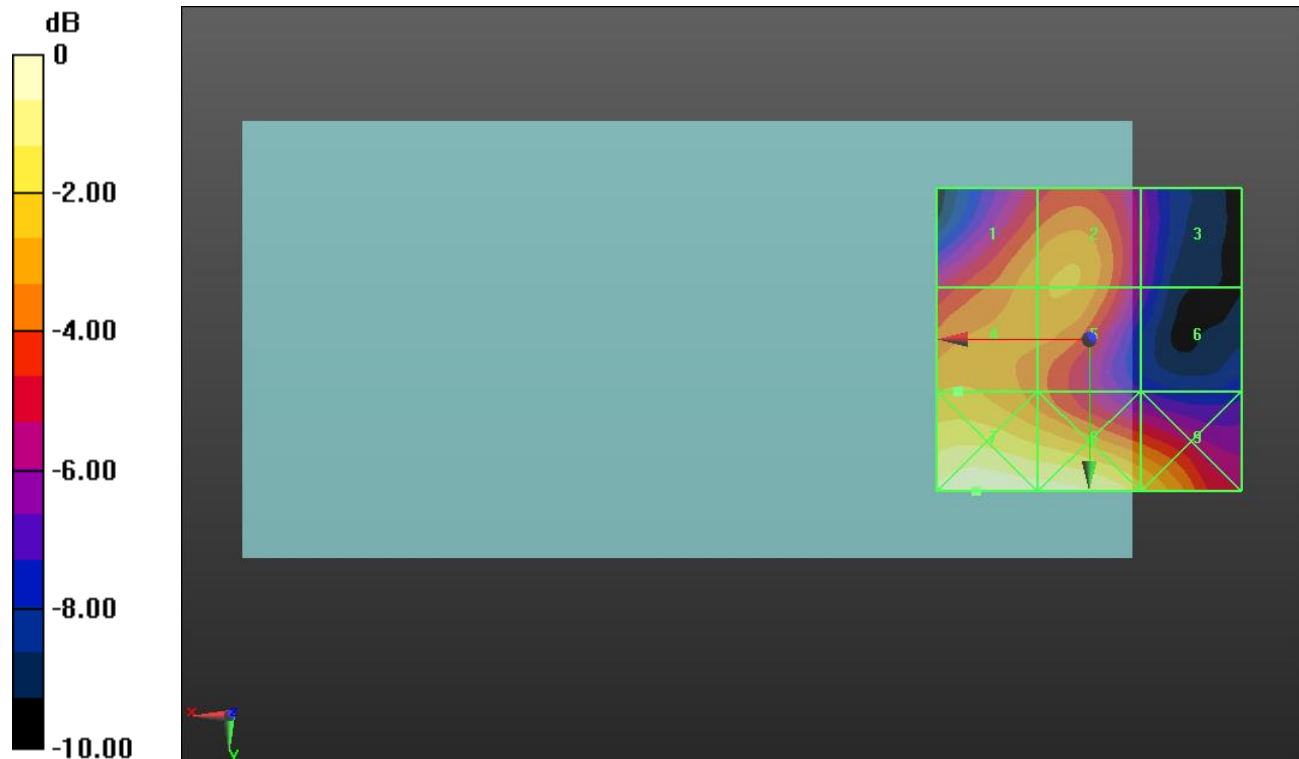
Applied MIF = -2.02 dB

RF audio interference level = 23.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.57 dBV/m	Grid 2 M4 23.8 dBV/m	Grid 3 M4 20.27 dBV/m
Grid 4 M4 23.83 dBV/m	Grid 5 M4 23.79 dBV/m	Grid 6 M4 19.82 dBV/m
Grid 7 M4 26.4 dBV/m	Grid 8 M4 26.09 dBV/m	Grid 9 M4 24.68 dBV/m



0 dB = 20.90 V/m = 26.40 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.14 V/m; Power Drift = -0.11 dB

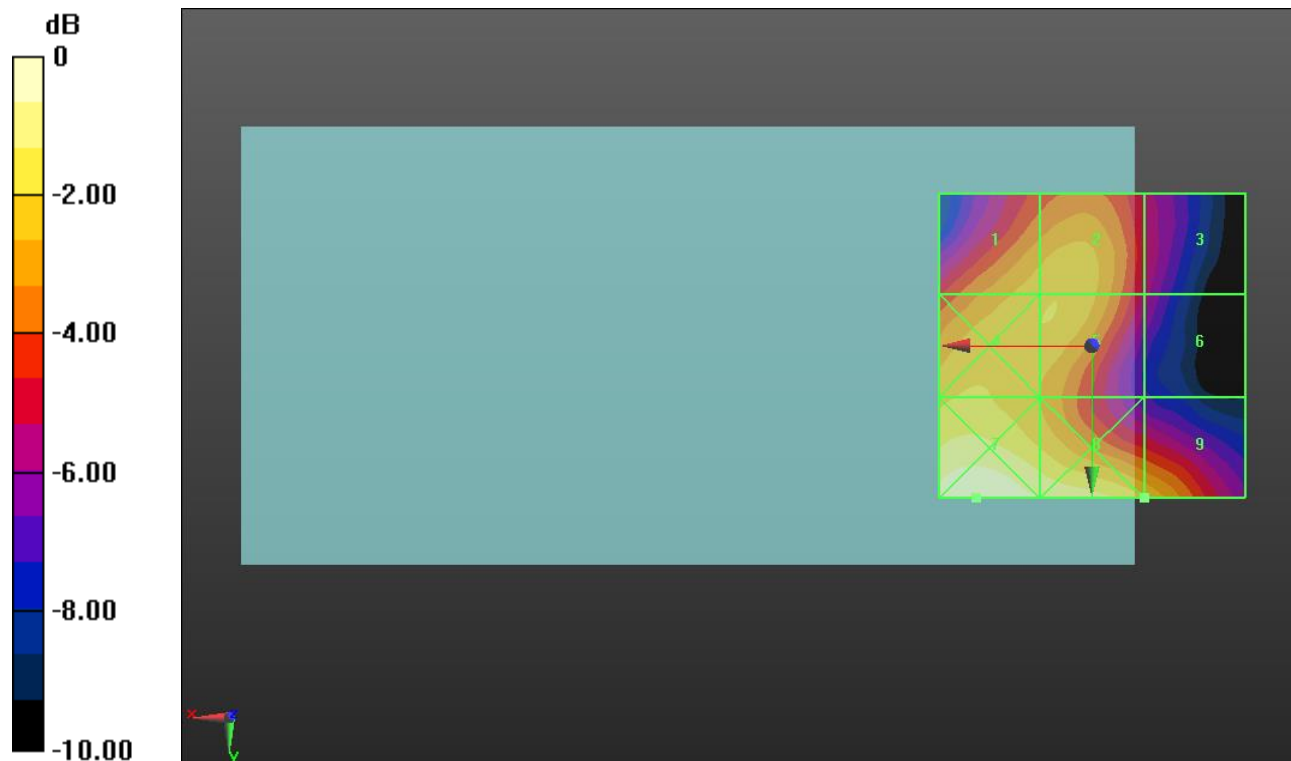
Applied MIF = 0.12 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.14 dBV/m	Grid 2 M4 25.33 dBV/m	Grid 3 M4 22.23 dBV/m
Grid 4 M4 25.44 dBV/m	Grid 5 M4 25.36 dBV/m	Grid 6 M4 21.76 dBV/m
Grid 7 M4 27.34 dBV/m	Grid 8 M4 26.71 dBV/m	Grid 9 M4 25.42 dBV/m



0 dB = 23.28 V/m = 27.34 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.21 V/m; Power Drift = 0.05 dB

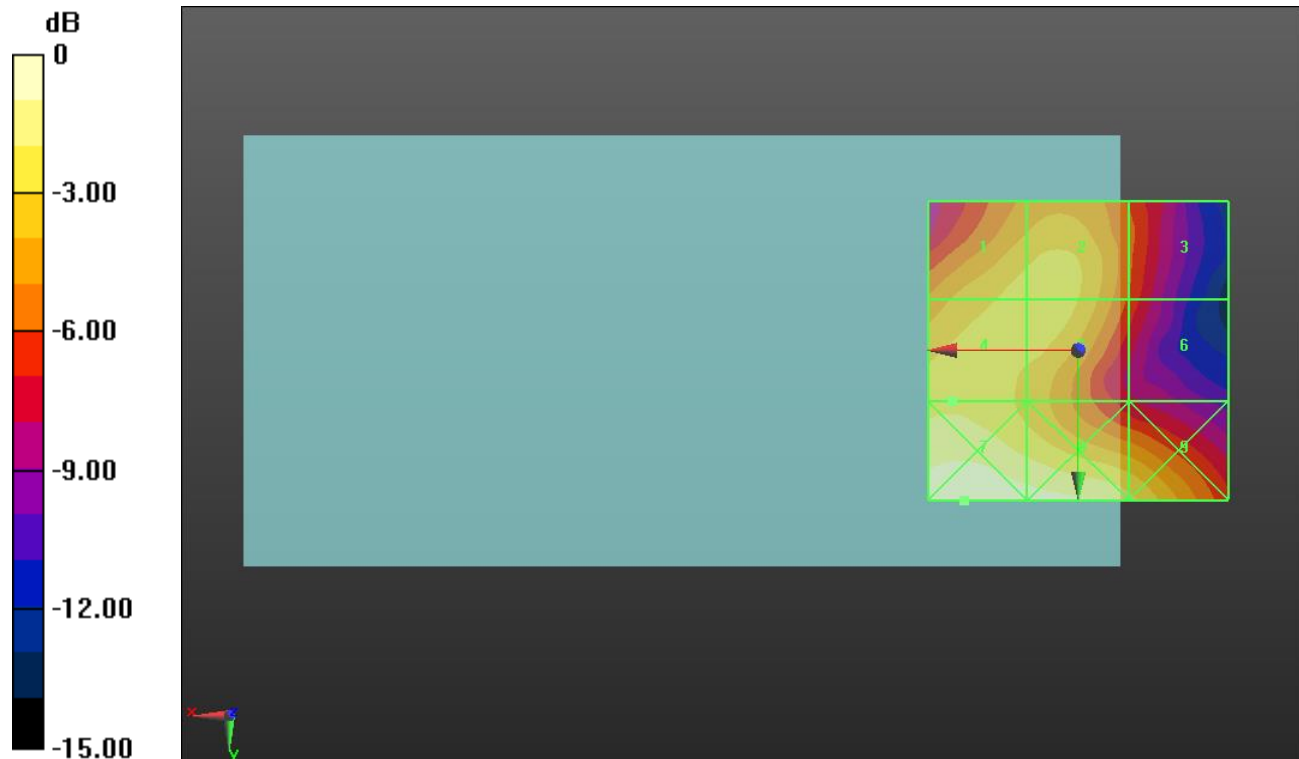
Applied MIF = 0.12 dB

RF audio interference level = 24.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.97 dBV/m	Grid 2 M4 24.15 dBV/m	Grid 3 M4 20.78 dBV/m
Grid 4 M4 24.24 dBV/m	Grid 5 M4 24.14 dBV/m	Grid 6 M4 20.26 dBV/m
Grid 7 M4 26.43 dBV/m	Grid 8 M4 25.92 dBV/m	Grid 9 M4 24.73 dBV/m



0 dB = 20.97 V/m = 26.43 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.87 V/m; Power Drift = -0.07 dB

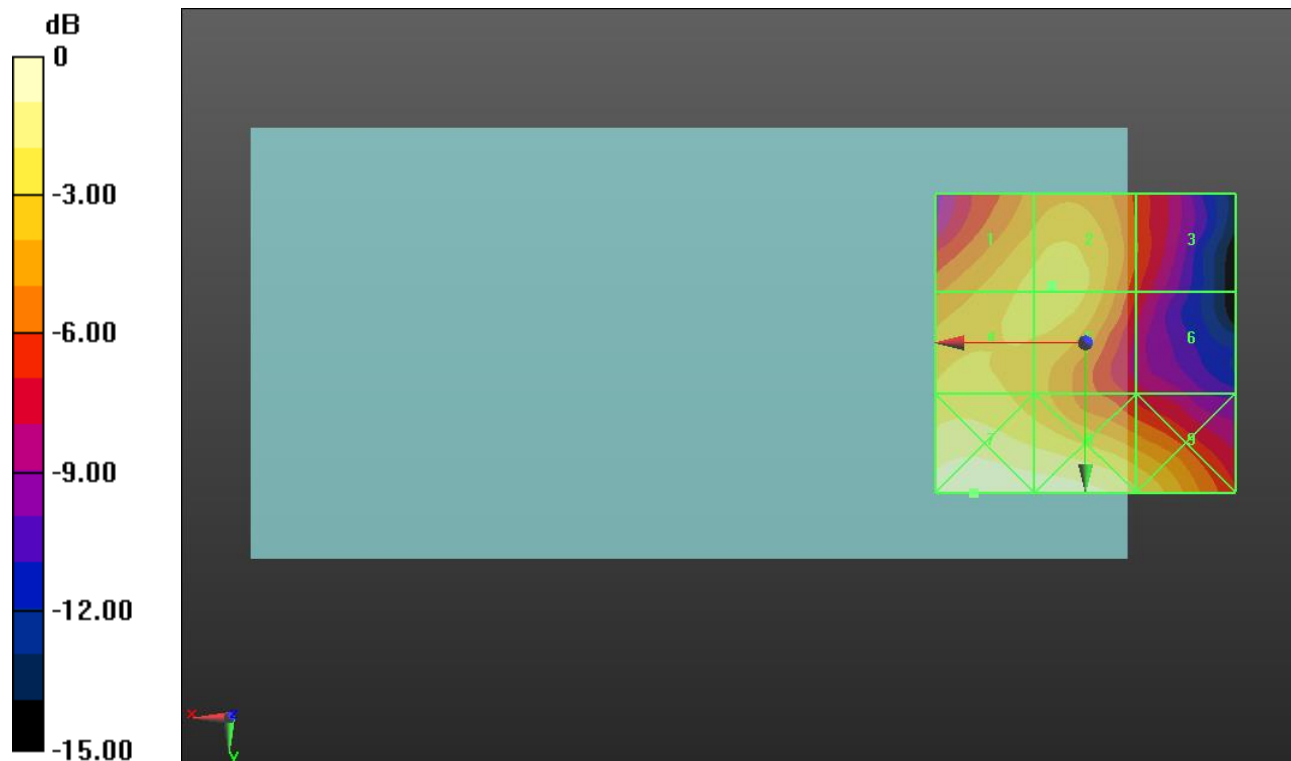
Applied MIF = 0.12 dB

RF audio interference level = 24.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.04 dBV/m	Grid 2 M4 24.25 dBV/m	Grid 3 M4 20.83 dBV/m
Grid 4 M4 24.24 dBV/m	Grid 5 M4 24.24 dBV/m	Grid 6 M4 19.9 dBV/m
Grid 7 M4 26.69 dBV/m	Grid 8 M4 26.33 dBV/m	Grid 9 M4 24.91 dBV/m



0 dB = 21.61 V/m = 26.69 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 40/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.652 V/m; Power Drift = 0.54 dB

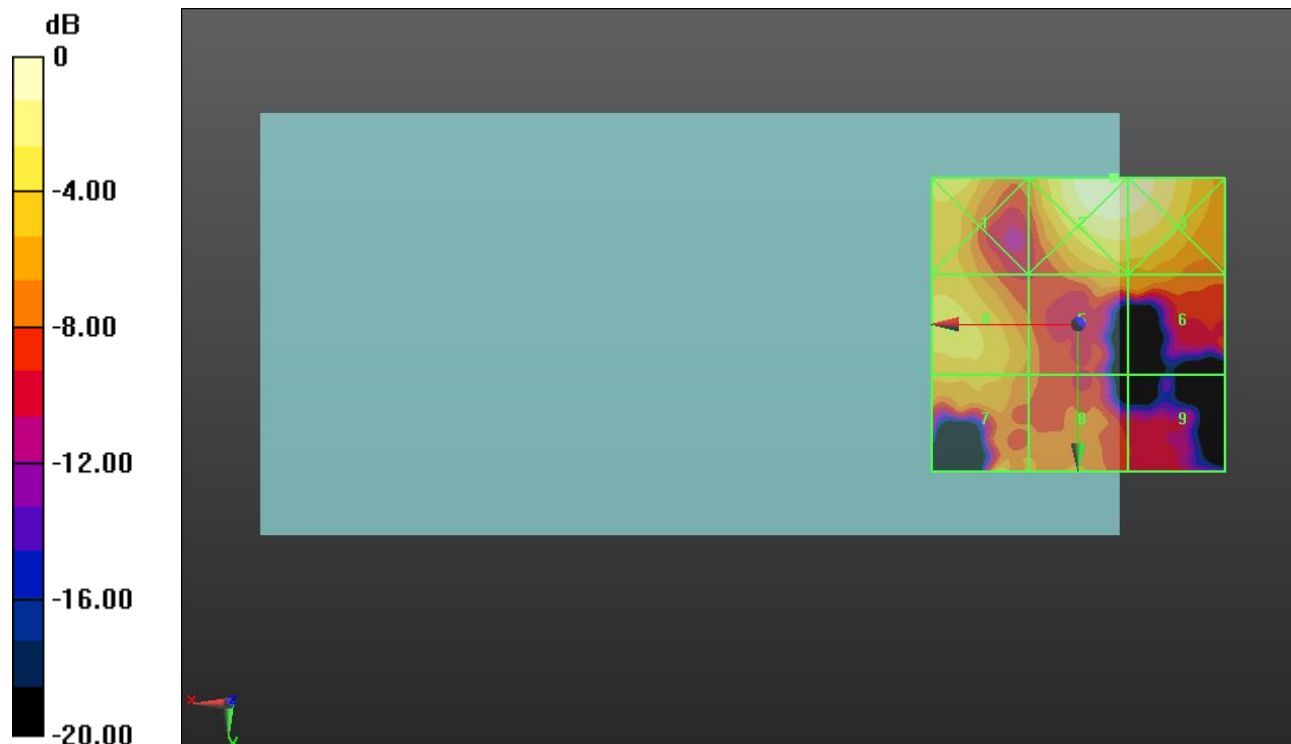
Applied MIF = -5.82 dB

RF audio interference level = 10.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.83 dBV/m	Grid 2 M4 13.59 dBV/m	Grid 3 M4 13.36 dBV/m
Grid 4 M4 10.01 dBV/m	Grid 5 M4 8.51 dBV/m	Grid 6 M4 8.26 dBV/m
Grid 7 M4 9.49 dBV/m	Grid 8 M4 7.55 dBV/m	Grid 9 M4 4.44 dBV/m



0 dB = 4.782 V/m = 13.59 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 44/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.892 V/m; Power Drift = 0.27 dB

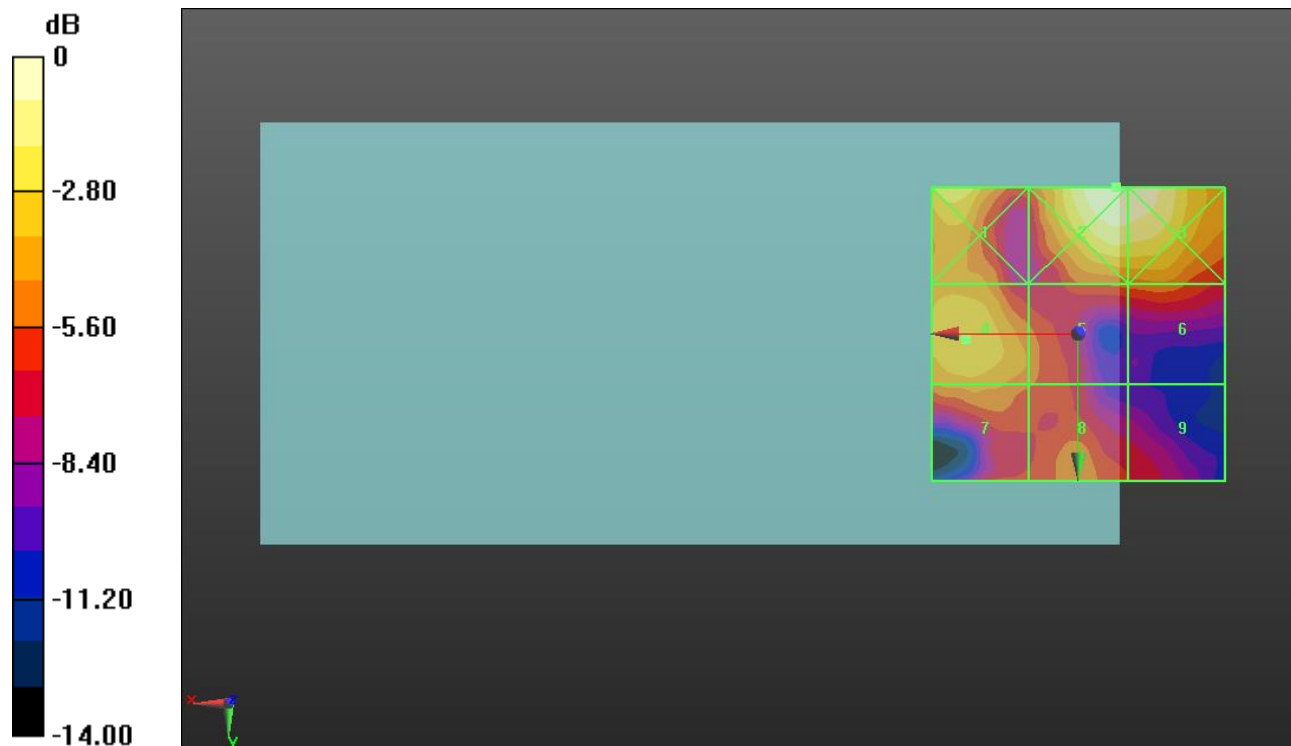
Applied MIF = -5.82 dB

RF audio interference level = 10.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.67 dBV/m	Grid 2 M4 13.49 dBV/m	Grid 3 M4 13.33 dBV/m
Grid 4 M4 10.58 dBV/m	Grid 5 M4 8.74 dBV/m	Grid 6 M4 8.67 dBV/m
Grid 7 M4 9.42 dBV/m	Grid 8 M4 8.75 dBV/m	Grid 9 M4 7.04 dBV/m



0 dB = 4.728 V/m = 13.49 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 48/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.398 V/m; Power Drift = 1.02 dB

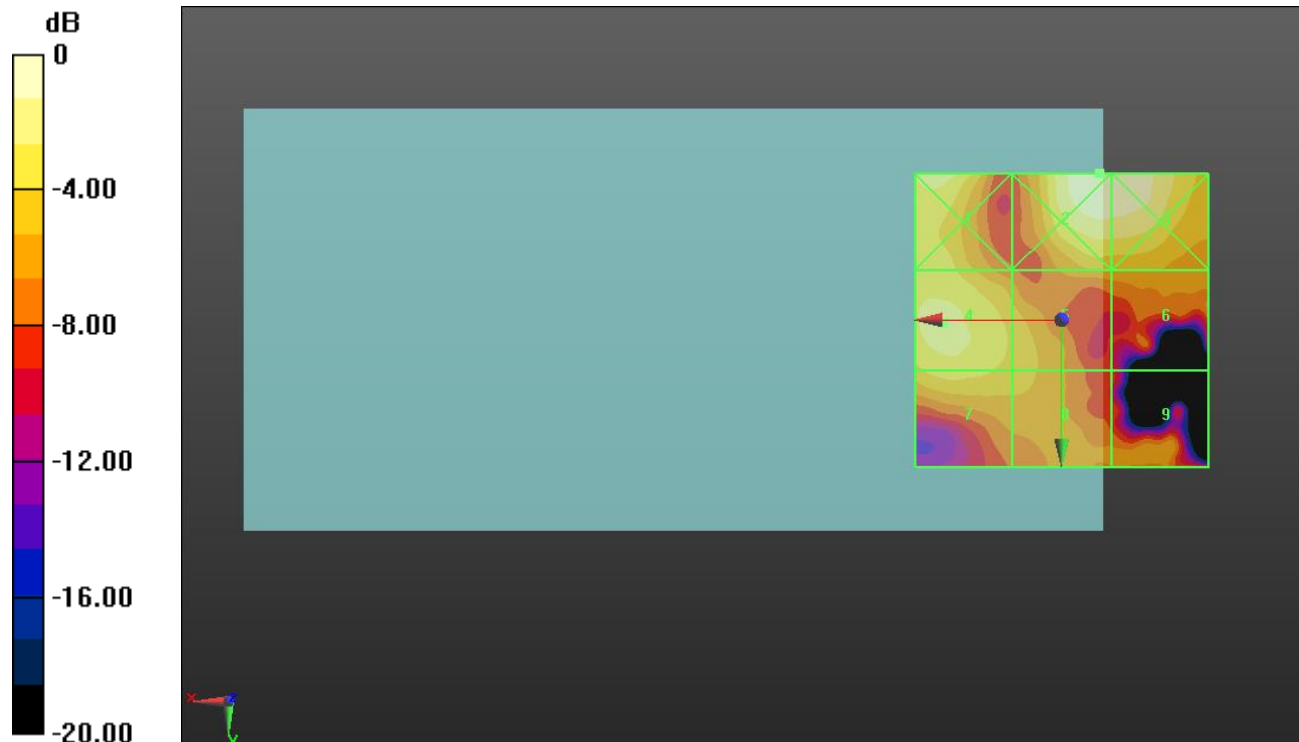
Applied MIF = -5.82 dB

RF audio interference level = 11.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.27 dBV/m	Grid 2 M4 13.13 dBV/m	Grid 3 M4 12.98 dBV/m
Grid 4 M4 11.03 dBV/m	Grid 5 M4 8.96 dBV/m	Grid 6 M4 7.89 dBV/m
Grid 7 M4 9.88 dBV/m	Grid 8 M4 8.66 dBV/m	Grid 9 M4 7.77 dBV/m



0 dB = 4.532 V/m = 13.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 52/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.018 V/m; Power Drift = -0.40 dB

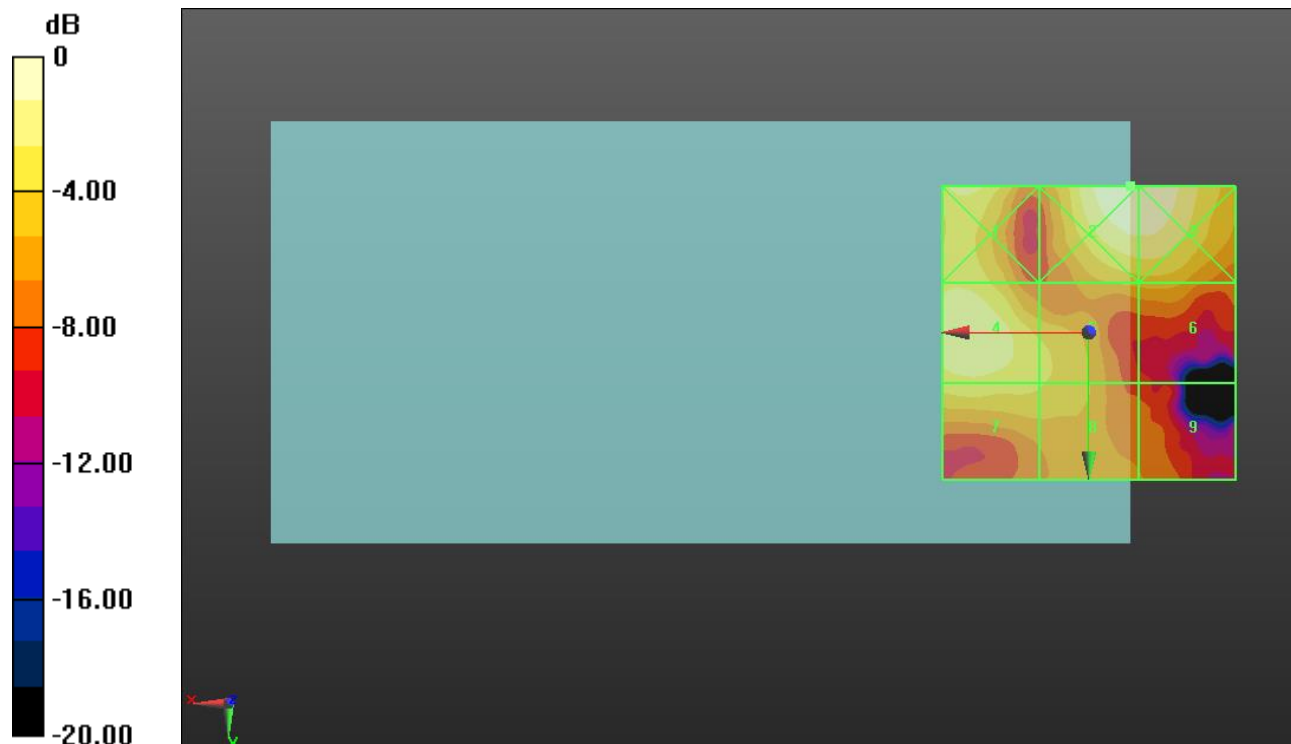
Applied MIF = -5.82 dB

RF audio interference level = 11.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.72 dBV/m	Grid 2 M4 12.88 dBV/m	Grid 3 M4 12.8 dBV/m
Grid 4 M4 11.11 dBV/m	Grid 5 M4 9.3 dBV/m	Grid 6 M4 8.25 dBV/m
Grid 7 M4 9.91 dBV/m	Grid 8 M4 9.06 dBV/m	Grid 9 M4 6.4 dBV/m



0 dB = 4.404 V/m = 12.88 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 56/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.622 V/m; Power Drift = 0.19 dB

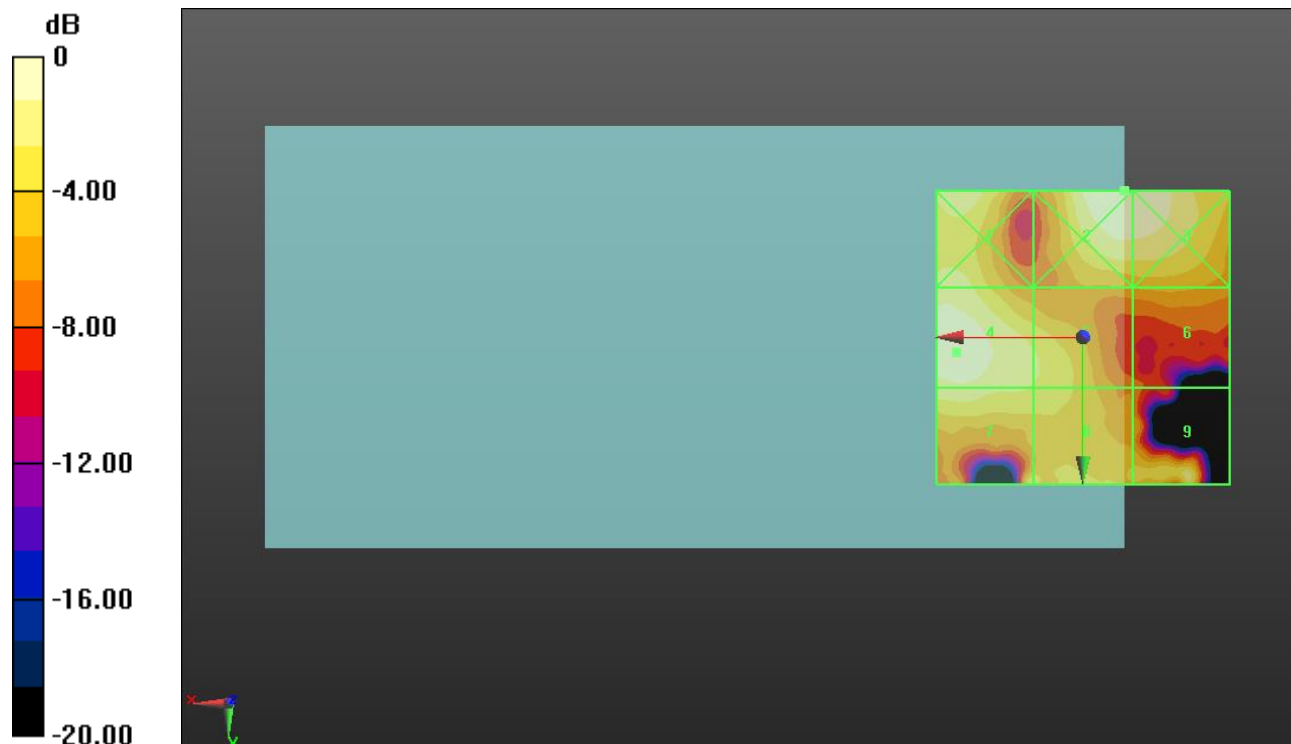
Applied MIF = -5.82 dB

RF audio interference level = 11.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.2 dBV/m	Grid 2 M4 11.63 dBV/m	Grid 3 M4 11.57 dBV/m
Grid 4 M4 11.2 dBV/m	Grid 5 M4 9.23 dBV/m	Grid 6 M4 6.74 dBV/m
Grid 7 M4 10.04 dBV/m	Grid 8 M4 8.99 dBV/m	Grid 9 M4 9.61 dBV/m



0 dB = 3.814 V/m = 11.63 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 60/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.744 V/m; Power Drift = 0.25 dB

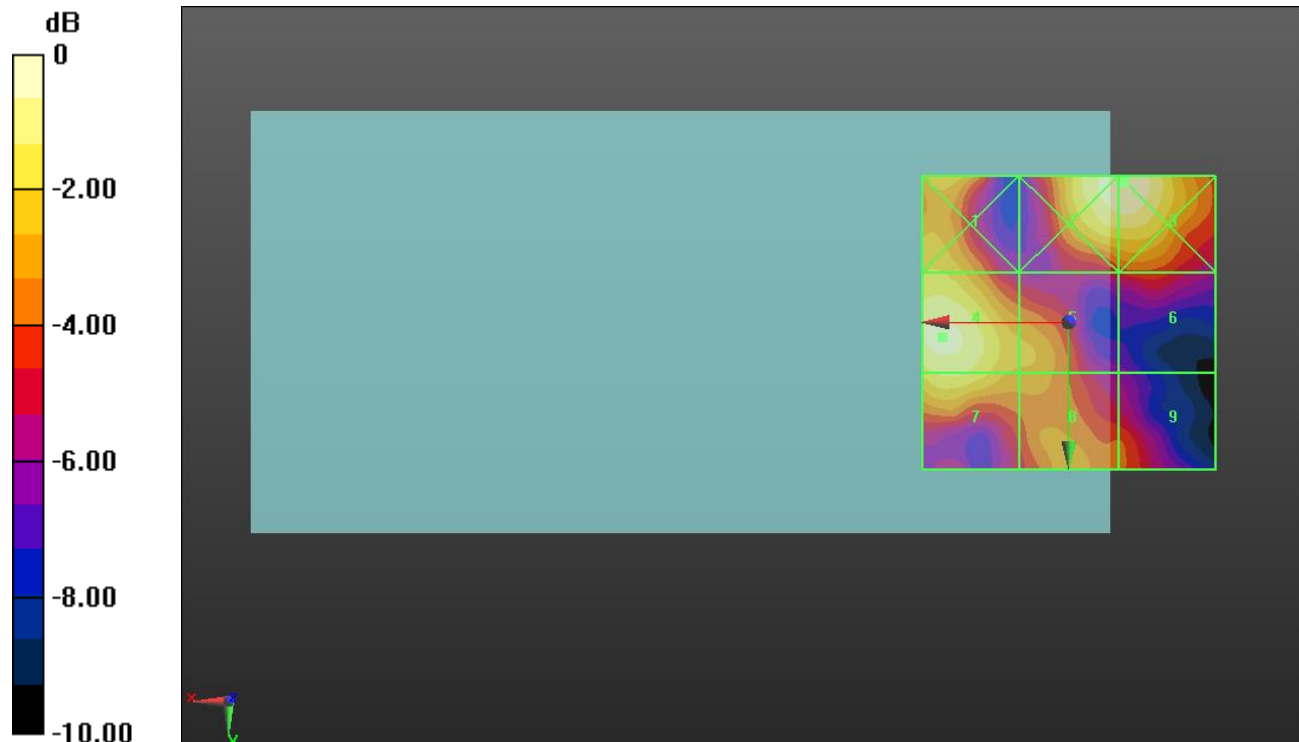
Applied MIF = -5.82 dB

RF audio interference level = 11.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.06 dBV/m	Grid 2 M4 11.92 dBV/m	Grid 3 M4 11.96 dBV/m
Grid 4 M4 11.52 dBV/m	Grid 5 M4 9.45 dBV/m	Grid 6 M4 7.83 dBV/m
Grid 7 M4 10.86 dBV/m	Grid 8 M4 9.24 dBV/m	Grid 9 M4 8.22 dBV/m



0 dB = 3.962 V/m = 11.96 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 104/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.160 V/m; Power Drift = 0.03 dB

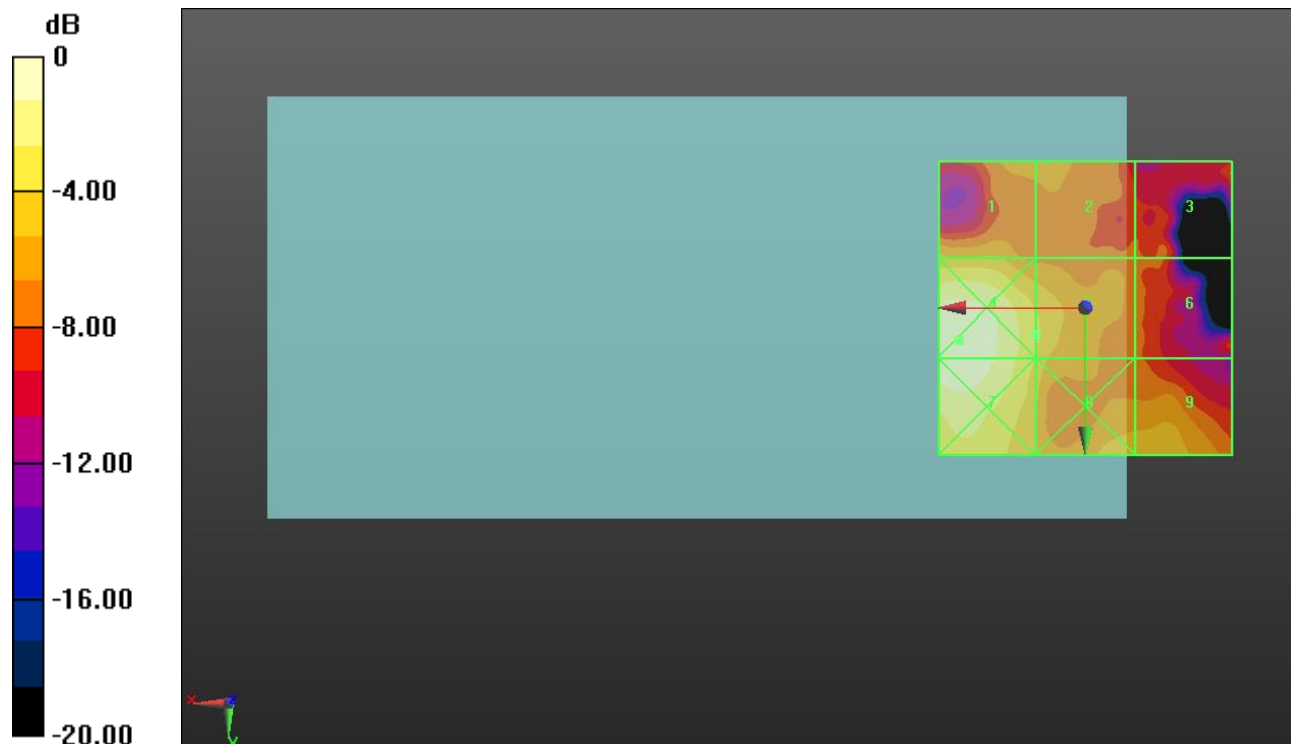
Applied MIF = -5.82 dB

RF audio interference level = 7.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 6.44 dBV/m	Grid 2 M4 5.72 dBV/m	Grid 3 M4 3.87 dBV/m
Grid 4 M4 11.3 dBV/m	Grid 5 M4 7.61 dBV/m	Grid 6 M4 3.97 dBV/m
Grid 7 M4 10.99 dBV/m	Grid 8 M4 7.19 dBV/m	Grid 9 M4 7.07 dBV/m



0 dB = 3.673 V/m = 11.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 124/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.513 V/m; Power Drift = -0.38 dB

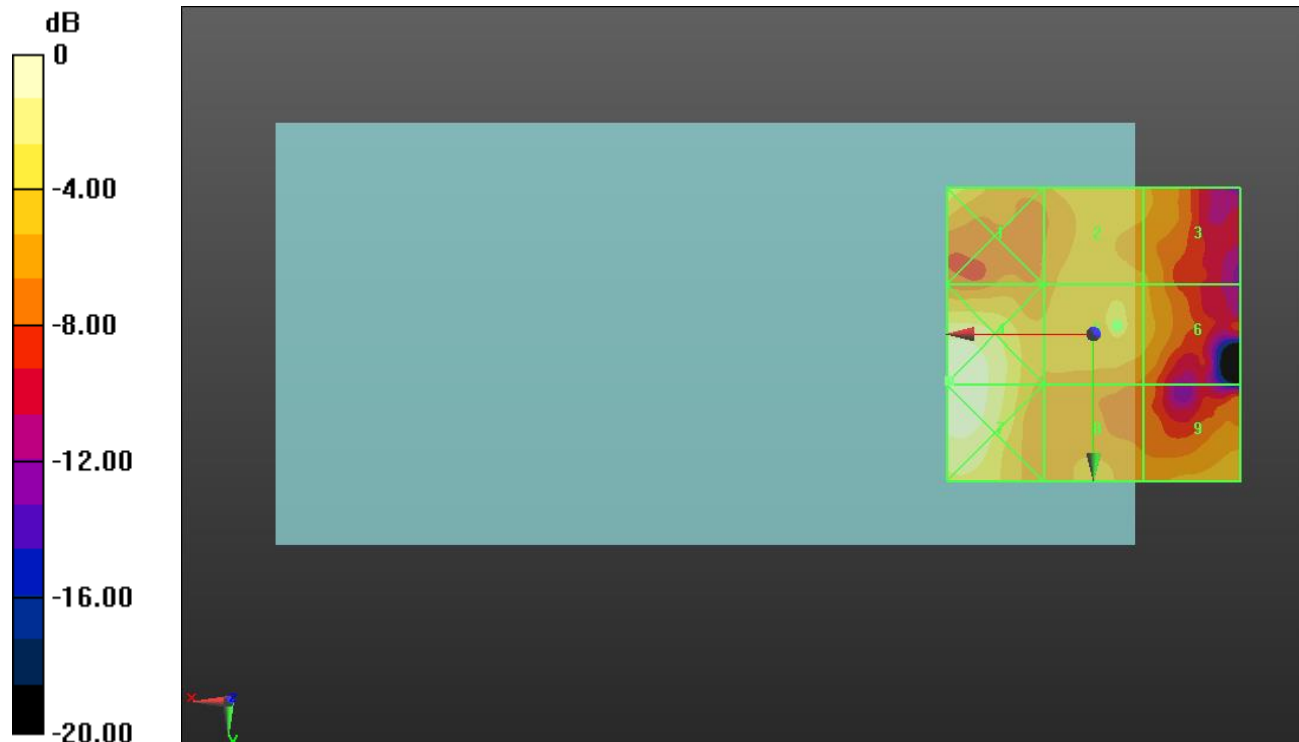
Applied MIF = -5.82 dB

RF audio interference level = 7.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.44 dBV/m	Grid 2 M4 6.97 dBV/m	Grid 3 M4 6.14 dBV/m
Grid 4 M4 11.09 dBV/m	Grid 5 M4 7.25 dBV/m	Grid 6 M4 6.47 dBV/m
Grid 7 M4 11.09 dBV/m	Grid 8 M4 6.41 dBV/m	Grid 9 M4 6.83 dBV/m



0 dB = 3.584 V/m = 11.09 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 144/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.977 V/m; Power Drift = 0.20 dB

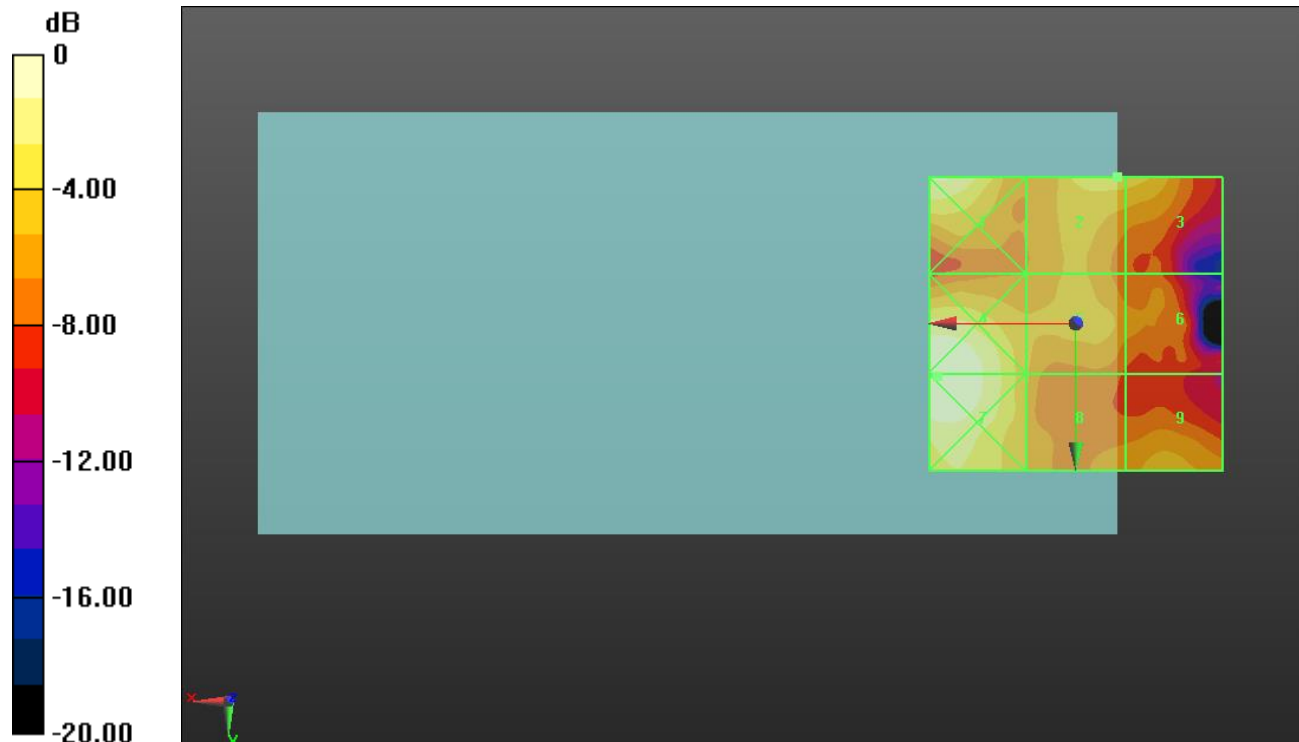
Applied MIF = -5.82 dB

RF audio interference level = 8.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.81 dBV/m	Grid 2 M4 8.87 dBV/m	Grid 3 M4 8.78 dBV/m
Grid 4 M4 11.87 dBV/m	Grid 5 M4 7.63 dBV/m	Grid 6 M4 5.9 dBV/m
Grid 7 M4 11.87 dBV/m	Grid 8 M4 6.89 dBV/m	Grid 9 M4 7.52 dBV/m



0 dB = 3.923 V/m = 11.87 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.642 V/m; Power Drift = -0.10 dB

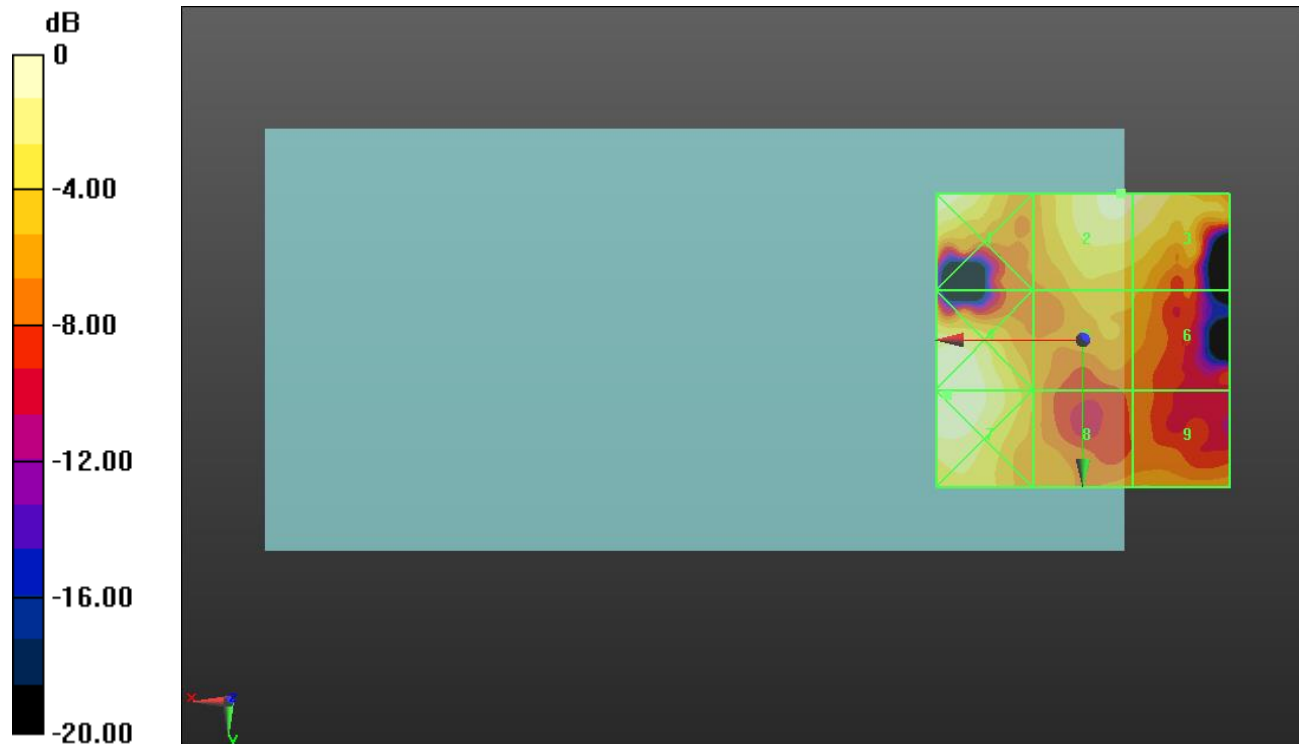
Applied MIF = -5.82 dB

RF audio interference level = 10.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.2 dBV/m	Grid 2 M4 10.75 dBV/m	Grid 3 M4 10.65 dBV/m
Grid 4 M4 11.71 dBV/m	Grid 5 M4 7.27 dBV/m	Grid 6 M4 6.71 dBV/m
Grid 7 M4 11.72 dBV/m	Grid 8 M4 6.52 dBV/m	Grid 9 M4 6.56 dBV/m



0 dB = 3.853 V/m = 11.72 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 157/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.996 V/m; Power Drift = -0.07 dB

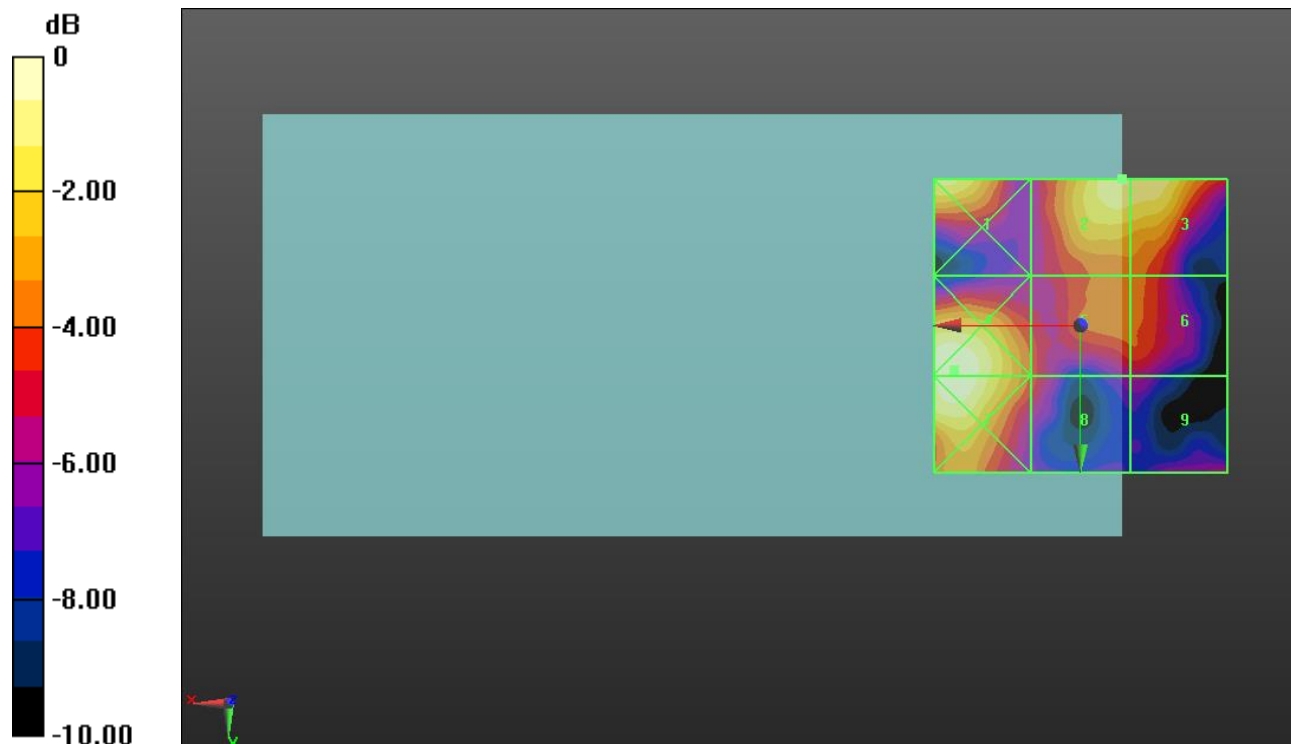
Applied MIF = -5.82 dB

RF audio interference level = 11.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.61 dBV/m	Grid 2 M4 11.04 dBV/m	Grid 3 M4 10.98 dBV/m
Grid 4 M4 11.61 dBV/m	Grid 5 M4 8.09 dBV/m	Grid 6 M4 8.01 dBV/m
Grid 7 M4 11.58 dBV/m	Grid 8 M4 7.52 dBV/m	Grid 9 M4 6.18 dBV/m



0 dB = 3.808 V/m = 11.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.538 V/m; Power Drift = -0.74 dB

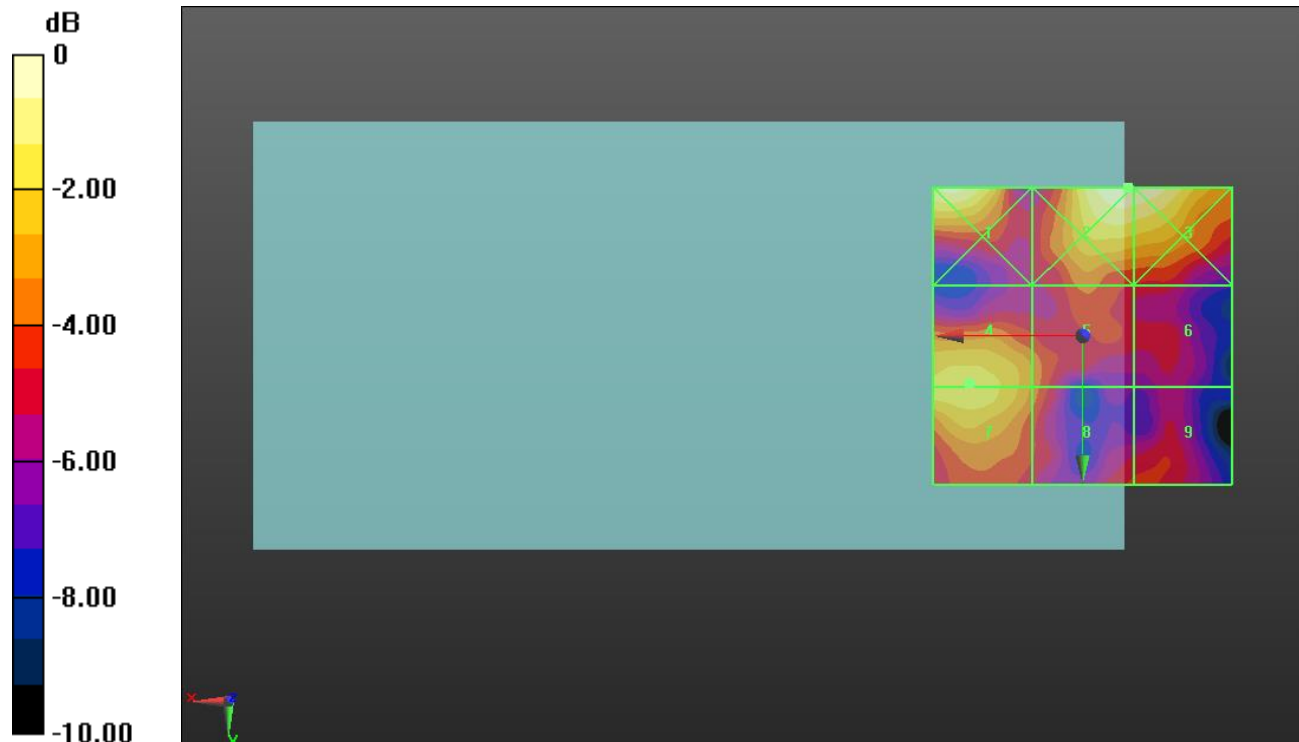
Applied MIF = -5.82 dB

RF audio interference level = 9.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.87 dBV/m	Grid 2 M4 11.2 dBV/m	Grid 3 M4 11.17 dBV/m
Grid 4 M4 9.58 dBV/m	Grid 5 M4 7.89 dBV/m	Grid 6 M4 6.5 dBV/m
Grid 7 M4 9.58 dBV/m	Grid 8 M4 7.77 dBV/m	Grid 9 M4 6.73 dBV/m



0 dB = 3.632 V/m = 11.20 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 = 11.35 V/m; Power Drift = 0.27 dB

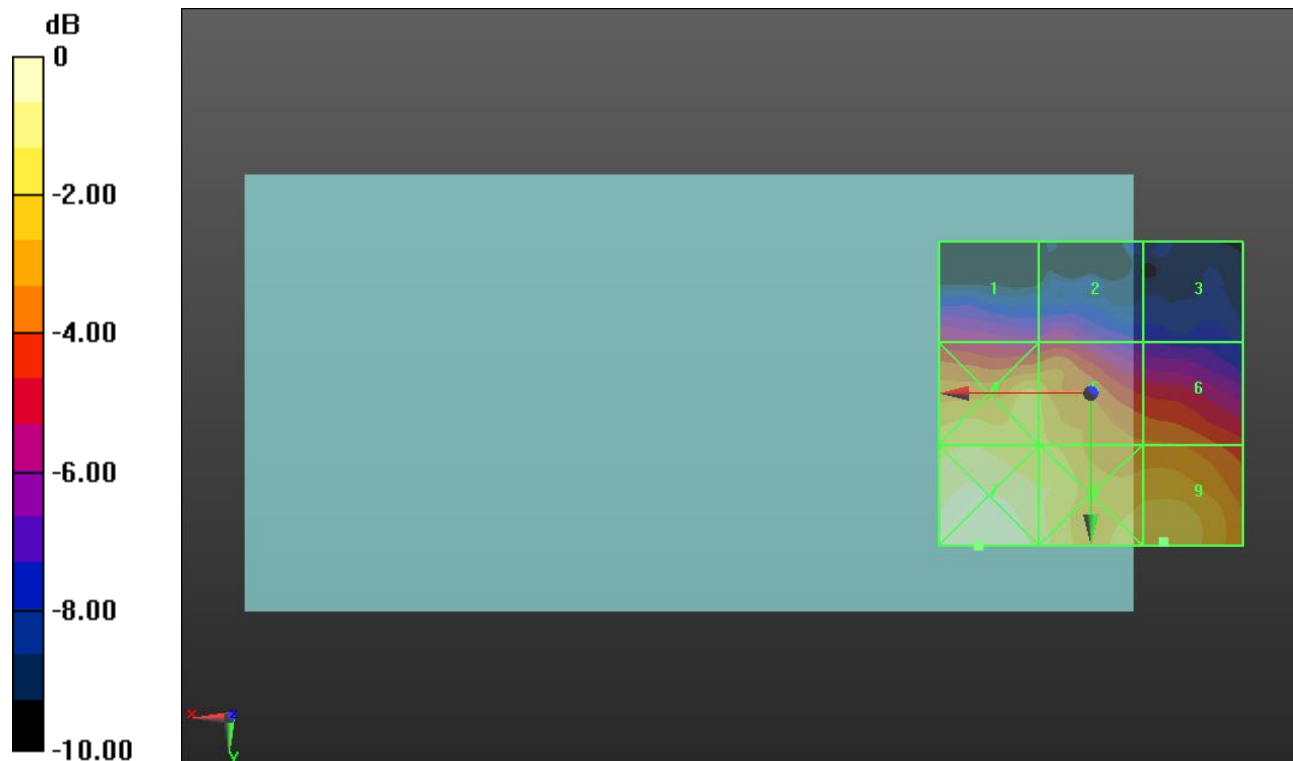
Applied MIF = -1.44 dB

RF audio interference level = 20.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.35 dBV/m	Grid 2 M4 17.27 dBV/m	Grid 3 M4 15.19 dBV/m
Grid 4 M4 21.06 dBV/m	Grid 5 M4 20.63 dBV/m	Grid 6 M4 19.22 dBV/m
Grid 7 M4 22.4 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 20.91 dBV/m



0 dB = 13.19 V/m = 22.40 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 = 13.34 V/m; Power Drift = 0.15 dB

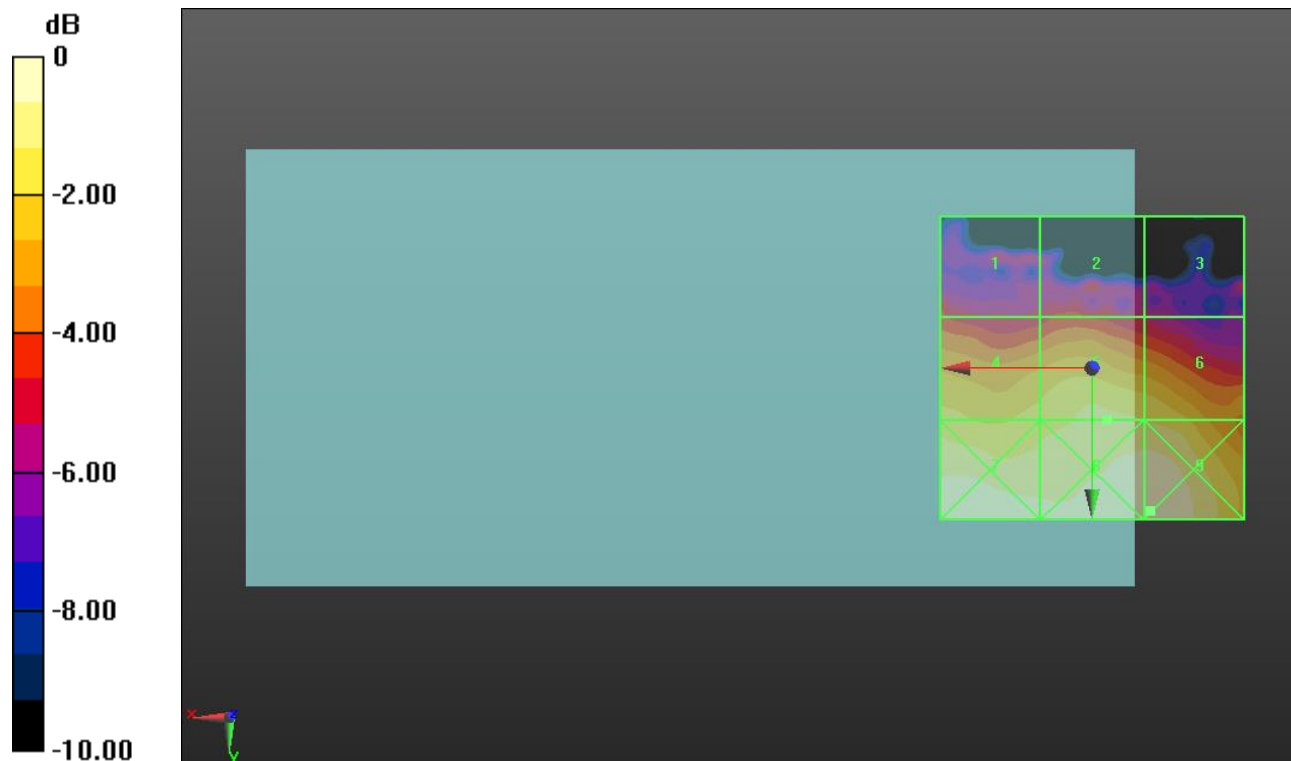
Applied MIF = -1.44 dB

RF audio interference level = 20.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.34 dBV/m	Grid 2 M4 17.34 dBV/m	Grid 3 M4 16.62 dBV/m
Grid 4 M4 20.11 dBV/m	Grid 5 M4 20.52 dBV/m	Grid 6 M4 20.42 dBV/m
Grid 7 M4 21.67 dBV/m	Grid 8 M4 21.71 dBV/m	Grid 9 M4 21.72 dBV/m



0 dB = 12.20 V/m = 21.73 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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 13.08 V/m; Power Drift = 0.19 dB

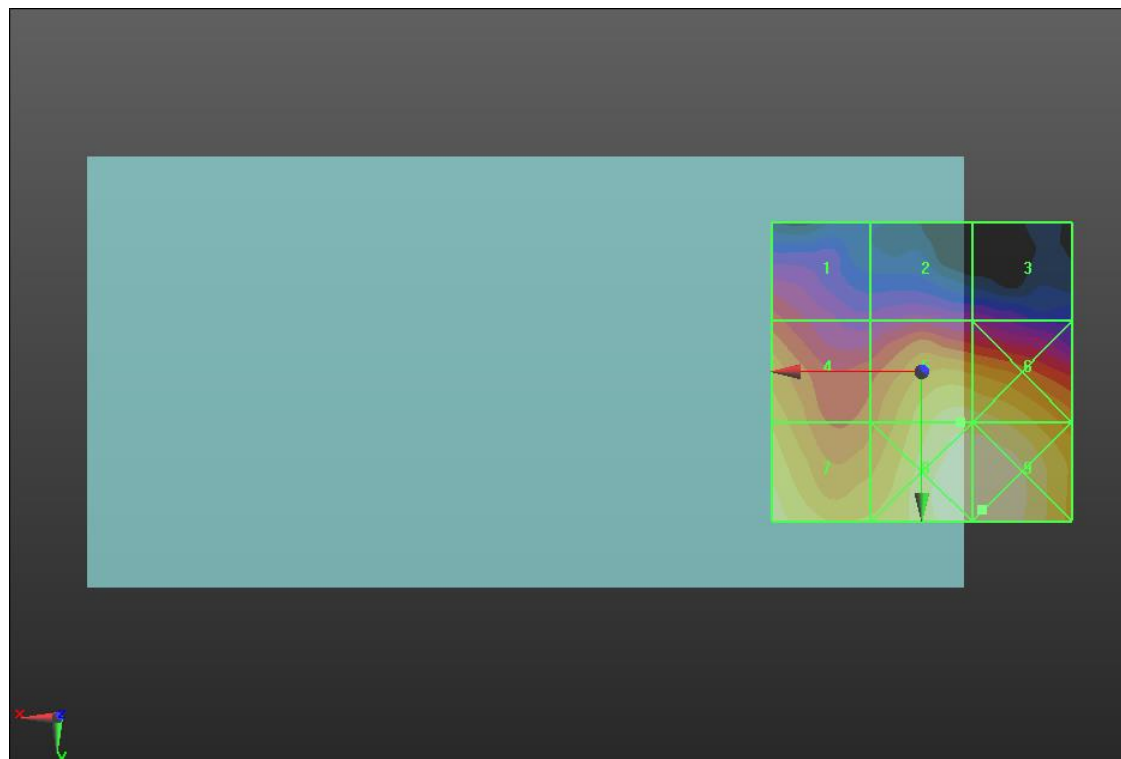
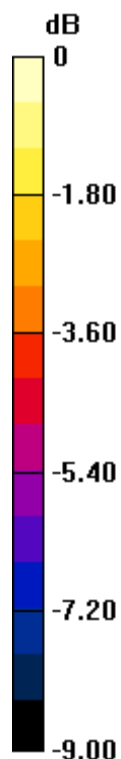
Applied MIF = -1.44 dB

RF audio interference level = 20.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.89 dBV/m	Grid 2 M4 16.7 dBV/m	Grid 3 M4 16.25 dBV/m
Grid 4 M4 19.85 dBV/m	Grid 5 M4 20.92 dBV/m	Grid 6 M4 20.88 dBV/m
Grid 7 M4 20.79 dBV/m	Grid 8 M4 21.7 dBV/m	Grid 9 M4 21.72 dBV/m



0 dB = 12.19 V/m = 21.72 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 = 13.52 V/m; Power Drift = 0.03 dB

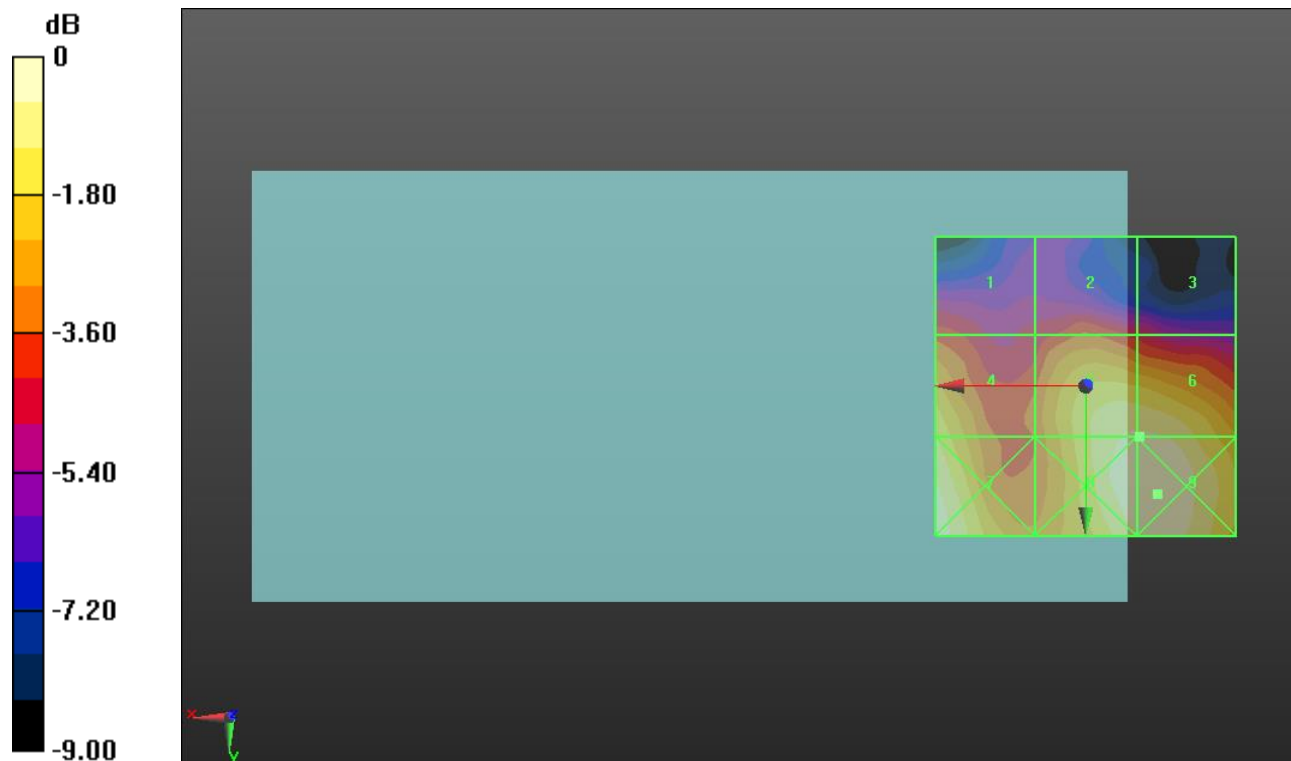
Applied MIF = -1.44 dB

RF audio interference level = 20.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.27 dBV/m	Grid 2 M4 17.56 dBV/m	Grid 3 M4 16.65 dBV/m
Grid 4 M4 19.87 dBV/m	Grid 5 M4 20.53 dBV/m	Grid 6 M4 20.53 dBV/m
Grid 7 M4 20.83 dBV/m	Grid 8 M4 20.91 dBV/m	Grid 9 M4 21.04 dBV/m



0 dB = 11.27 V/m = 21.04 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 = 29.74 V/m; Power Drift = -0.00 dB

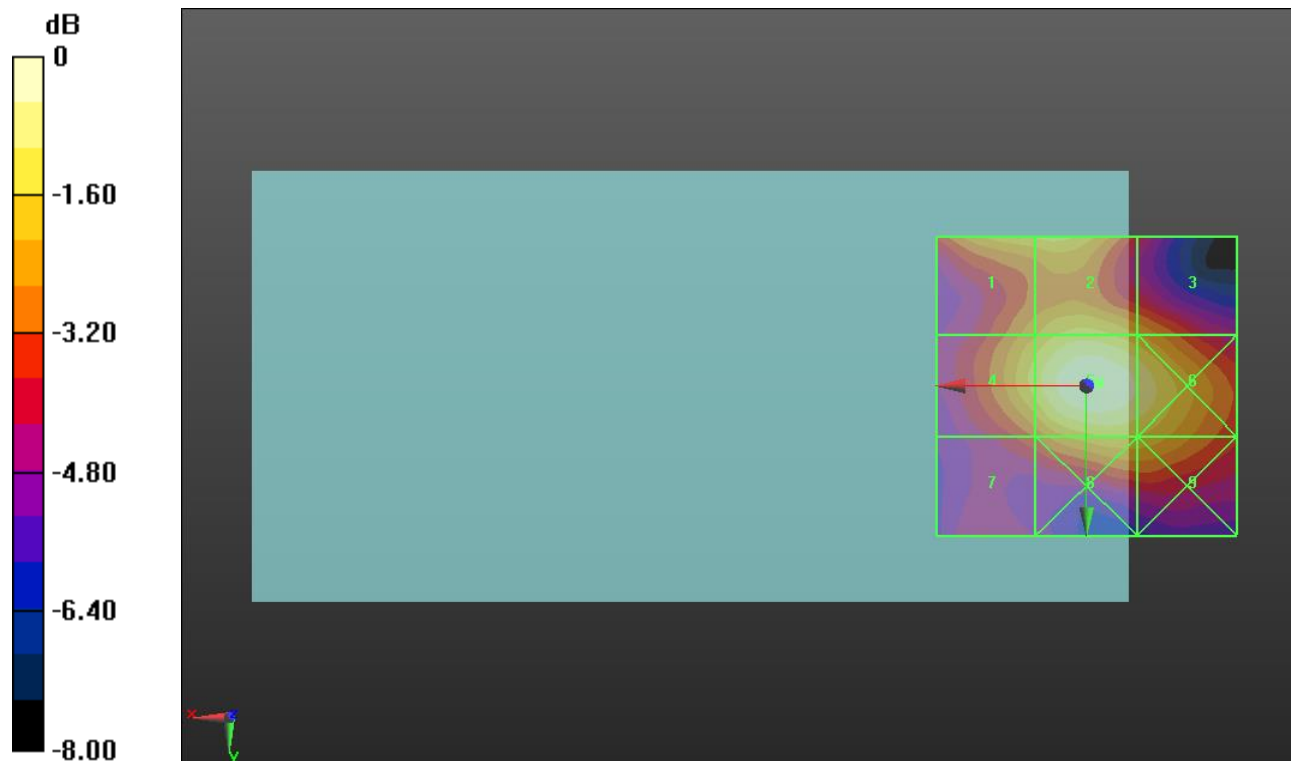
Applied MIF = -1.44 dB

RF audio interference level = 23.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.28 dBV/m	Grid 2 M4 22.44 dBV/m	Grid 3 M4 21.67 dBV/m
Grid 4 M4 22.44 dBV/m	Grid 5 M4 23.73 dBV/m	Grid 6 M4 23.15 dBV/m
Grid 7 M4 20.61 dBV/m	Grid 8 M4 22.16 dBV/m	Grid 9 M4 22.1 dBV/m



0 dB = 15.37 V/m = 23.73 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 = 29.16 V/m; Power Drift = -0.01 dB

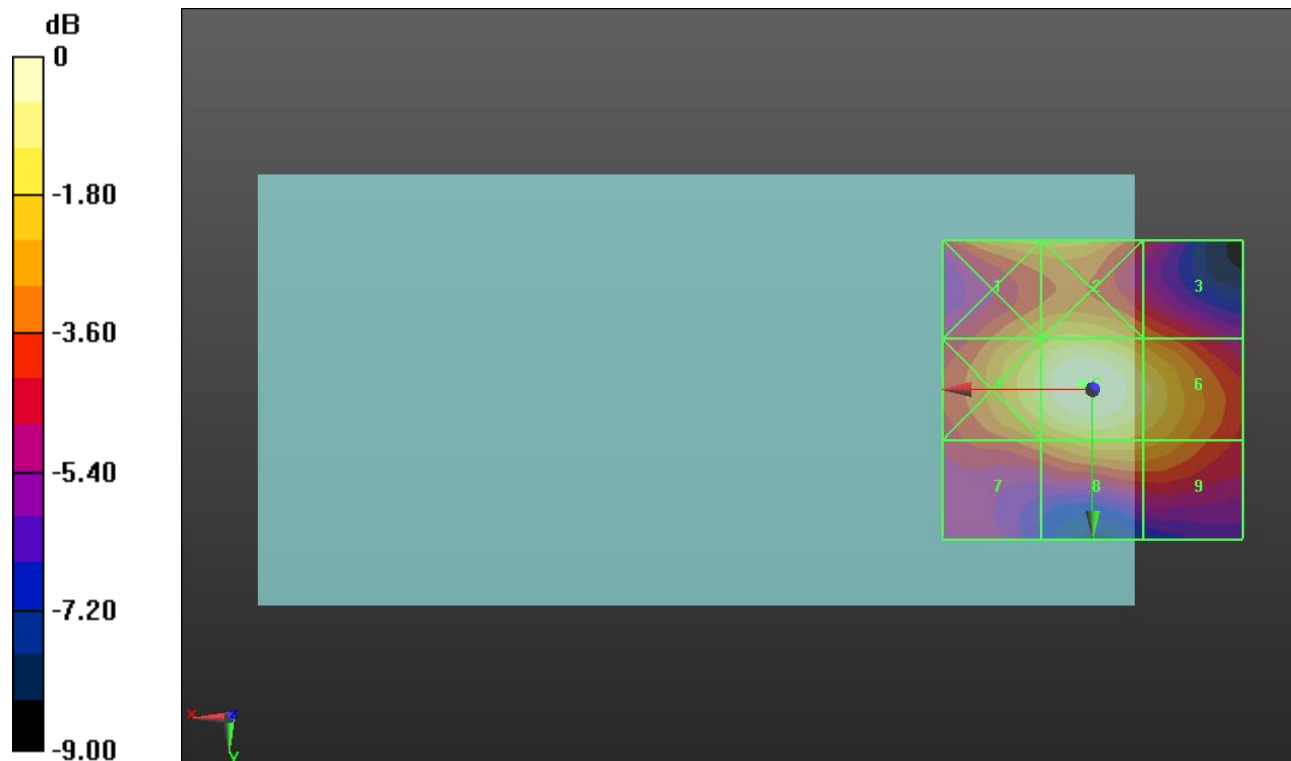
Applied MIF = -1.44 dB

RF audio interference level = 23.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.62 dBV/m	Grid 2 M4 22.07 dBV/m	Grid 3 M4 20.75 dBV/m
Grid 4 M4 22.71 dBV/m	Grid 5 M4 23.59 dBV/m	Grid 6 M4 22.63 dBV/m
Grid 7 M4 20.69 dBV/m	Grid 8 M4 21.82 dBV/m	Grid 9 M4 21.54 dBV/m



0 dB = 15.12 V/m = 23.59 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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 29.27 V/m; Power Drift = 0.03 dB

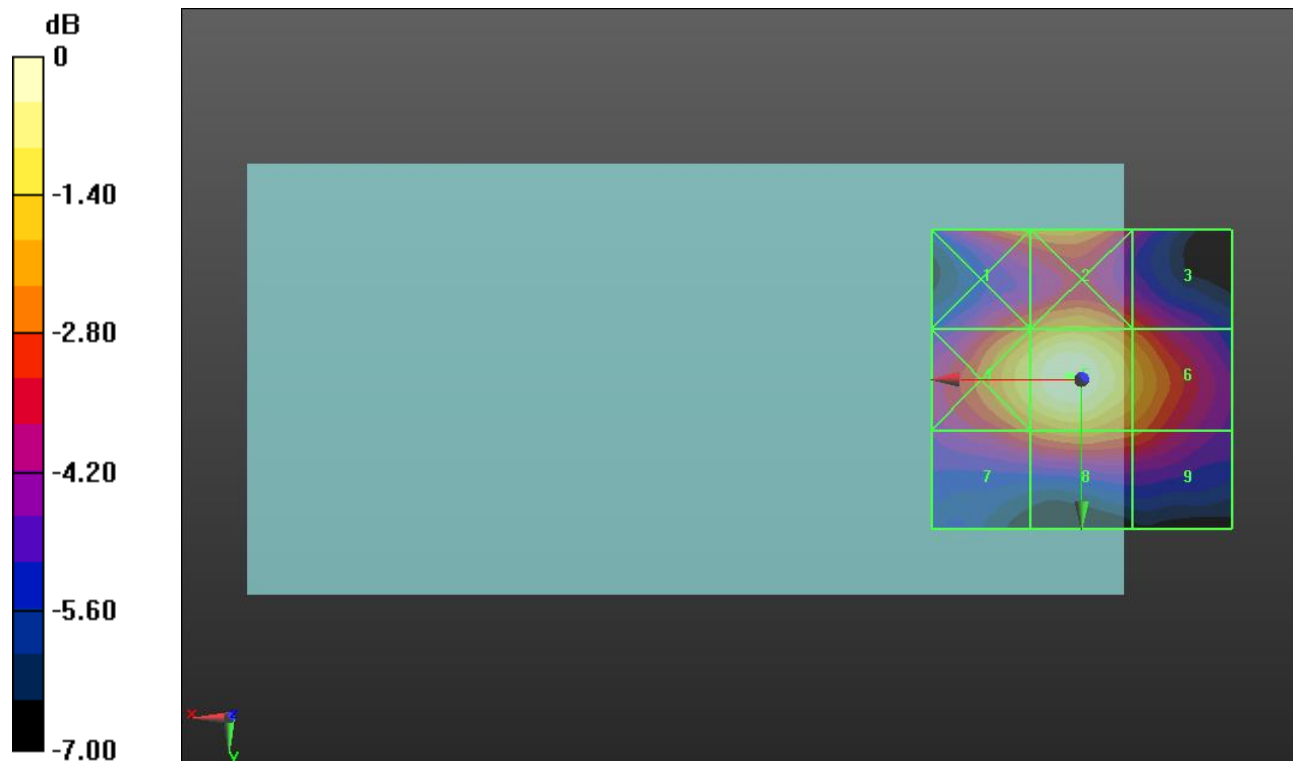
Applied MIF = -1.44 dB

RF audio interference level = 23.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.8 dBV/m	Grid 2 M4 22.22 dBV/m	Grid 3 M4 21.09 dBV/m
Grid 4 M4 23.05 dBV/m	Grid 5 M4 23.87 dBV/m	Grid 6 M4 22.39 dBV/m
Grid 7 M4 21.34 dBV/m	Grid 8 M4 21.99 dBV/m	Grid 9 M4 21.33 dBV/m



0 dB = 15.62 V/m = 23.87 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 = 29.93 V/m; Power Drift = -0.02 dB

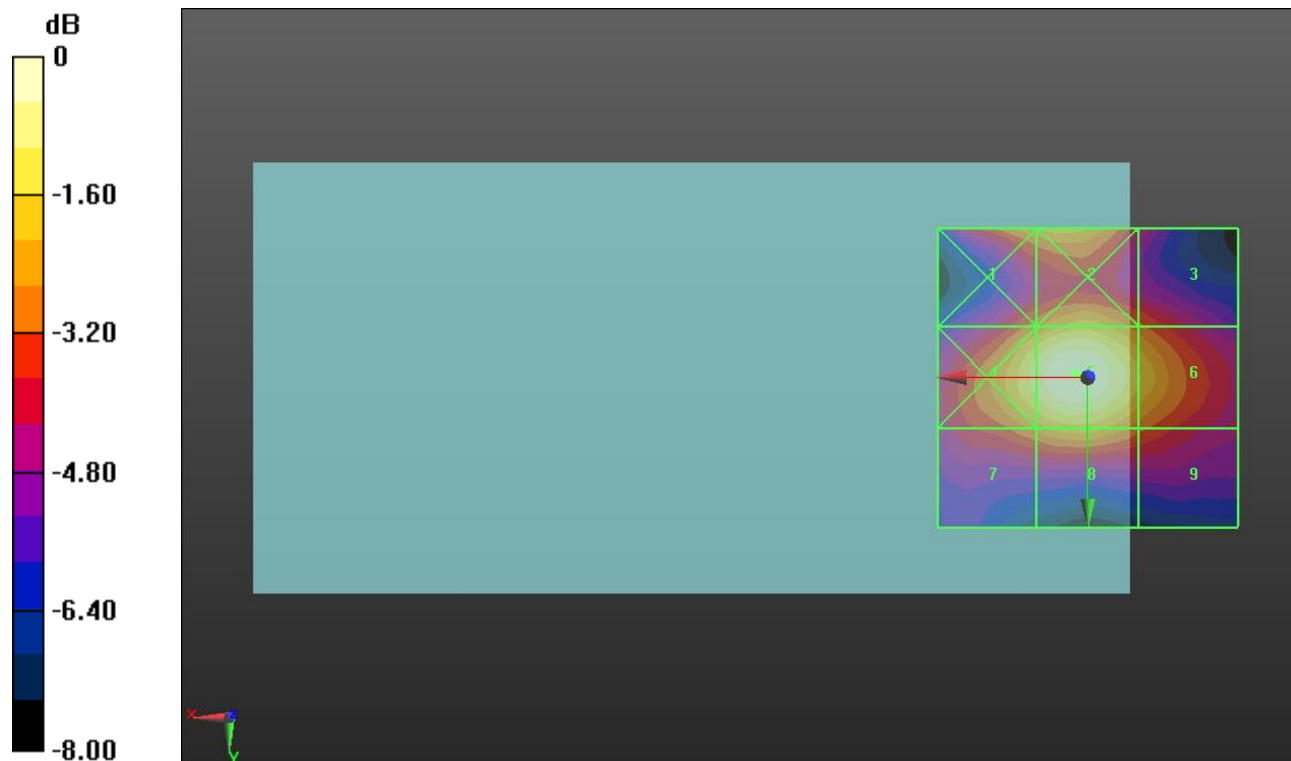
Applied MIF = -1.44 dB

RF audio interference level = 23.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.9 dBV/m	Grid 2 M4 22.14 dBV/m	Grid 3 M4 20.91 dBV/m
Grid 4 M4 23.09 dBV/m	Grid 5 M4 23.88 dBV/m	Grid 6 M4 22.34 dBV/m
Grid 7 M4 21.42 dBV/m	Grid 8 M4 22.07 dBV/m	Grid 9 M4 20.9 dBV/m



0 dB = 15.64 V/m = 23.88 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 = 6.707 V/m; Power Drift = -0.07 dB

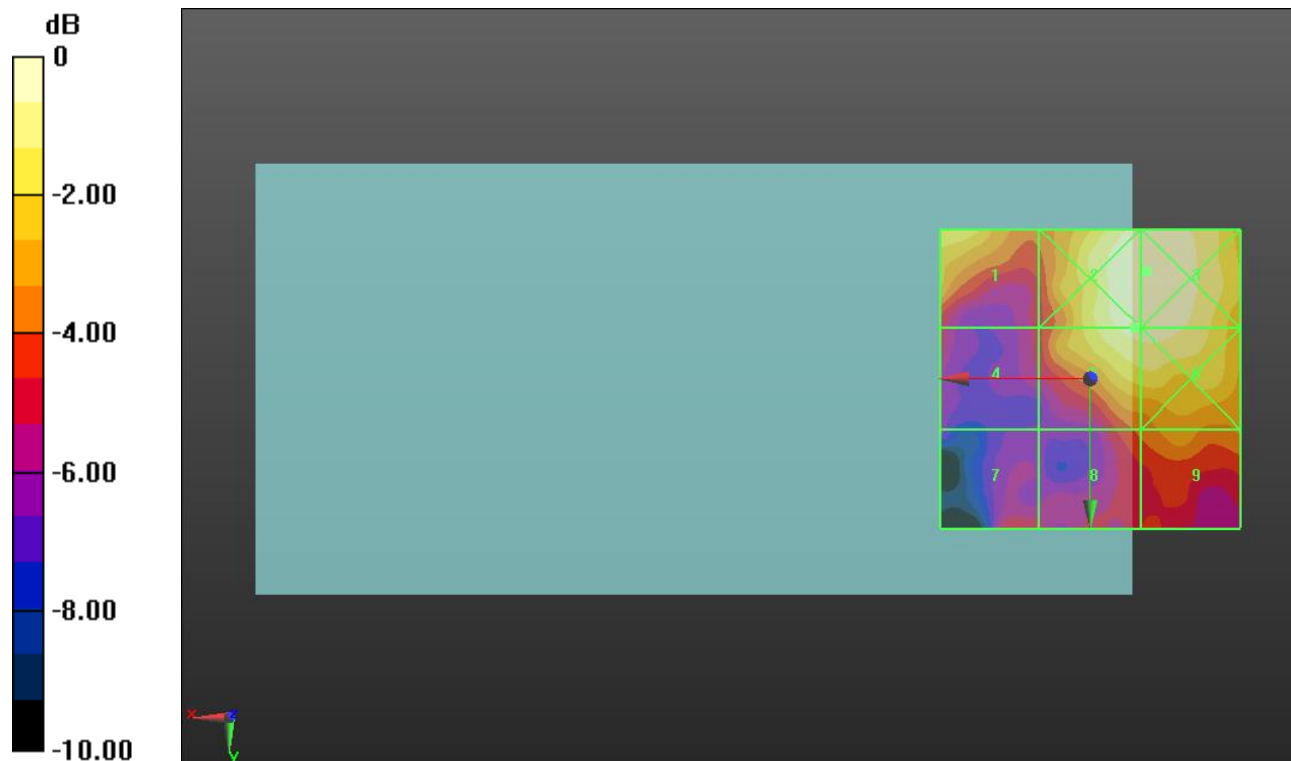
Applied MIF = -1.44 dB

RF audio interference level = 16.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.02 dBV/m	Grid 2 M4 17.34 dBV/m	Grid 3 M4 17.34 dBV/m
Grid 4 M4 12.51 dBV/m	Grid 5 M4 16.92 dBV/m	Grid 6 M4 16.92 dBV/m
Grid 7 M4 12.64 dBV/m	Grid 8 M4 13.6 dBV/m	Grid 9 M4 14.49 dBV/m



0 dB = 7.364 V/m = 17.34 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 = 7.634 V/m; Power Drift = -0.19 dB

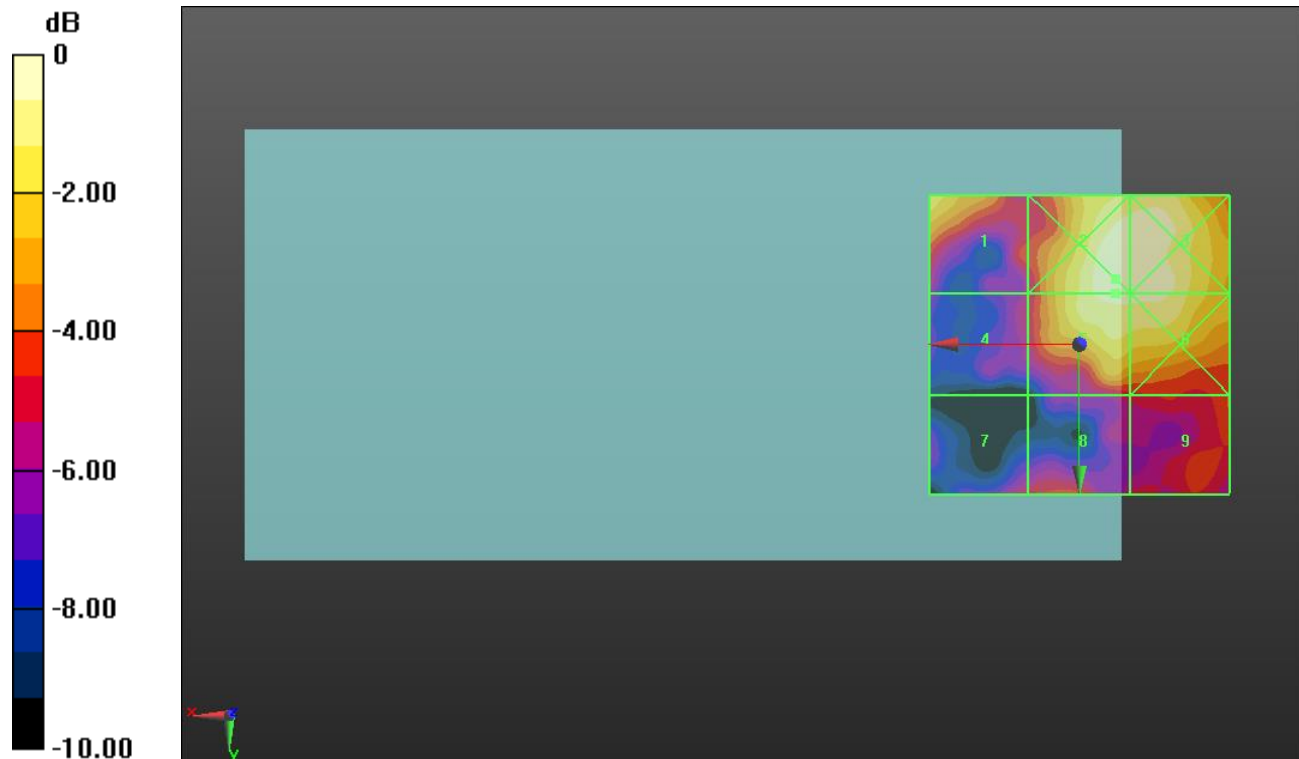
Applied MIF = -1.44 dB

RF audio interference level = 16.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.39 dBV/m	Grid 2 M4 16.75 dBV/m	Grid 3 M4 16.55 dBV/m
Grid 4 M4 11.68 dBV/m	Grid 5 M4 16.49 dBV/m	Grid 6 M4 16.33 dBV/m
Grid 7 M4 11.94 dBV/m	Grid 8 M4 12.48 dBV/m	Grid 9 M4 12.88 dBV/m



0 dB = 6.875 V/m = 16.75 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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 7.845 V/m; Power Drift = 0.08 dB

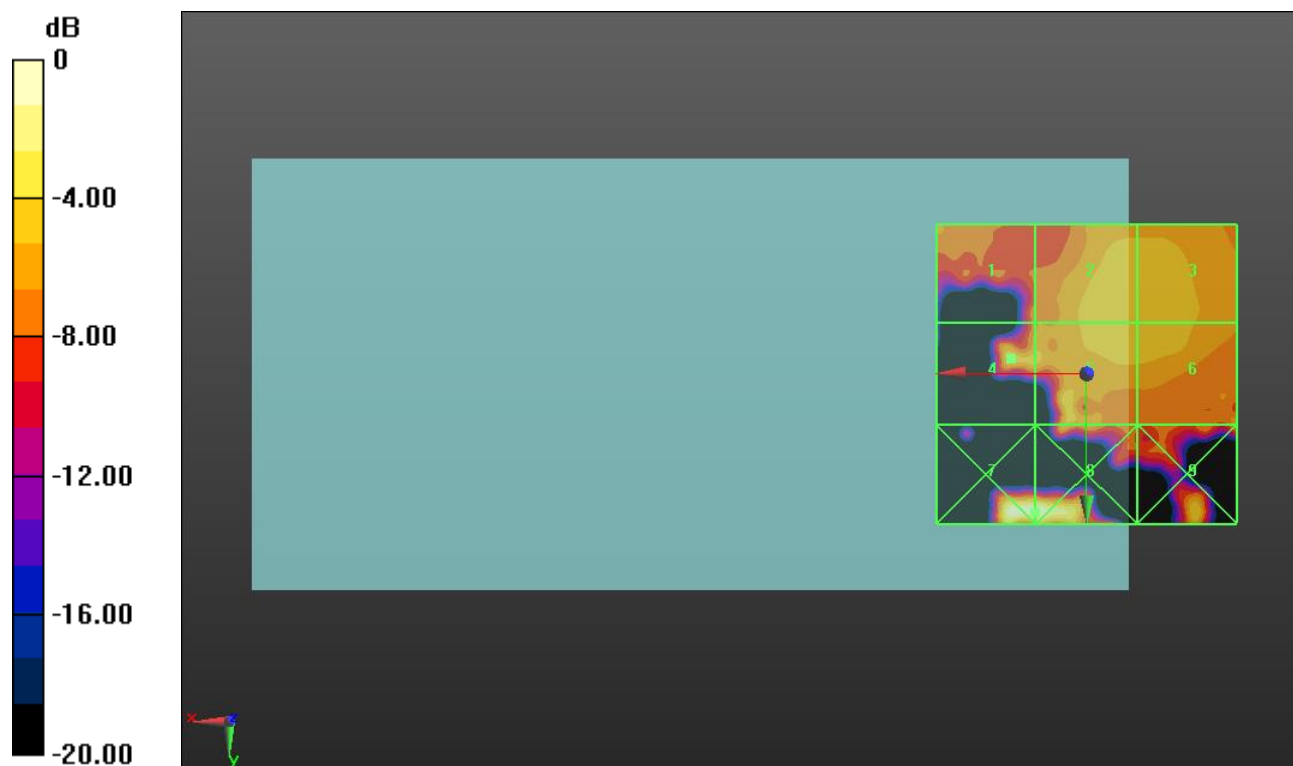
Applied MIF = -1.44 dB

RF audio interference level = 16.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.77 dBV/m	Grid 2 M4 16.86 dBV/m	Grid 3 M4 16.8 dBV/m
Grid 4 M4 16.87 dBV/m	Grid 5 M4 16.76 dBV/m	Grid 6 M4 16.63 dBV/m
Grid 7 M4 21.09 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 17.01 dBV/m



0 dB = 11.34 V/m = 21.09 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 = 6.301 V/m; Power Drift = -0.15 dB

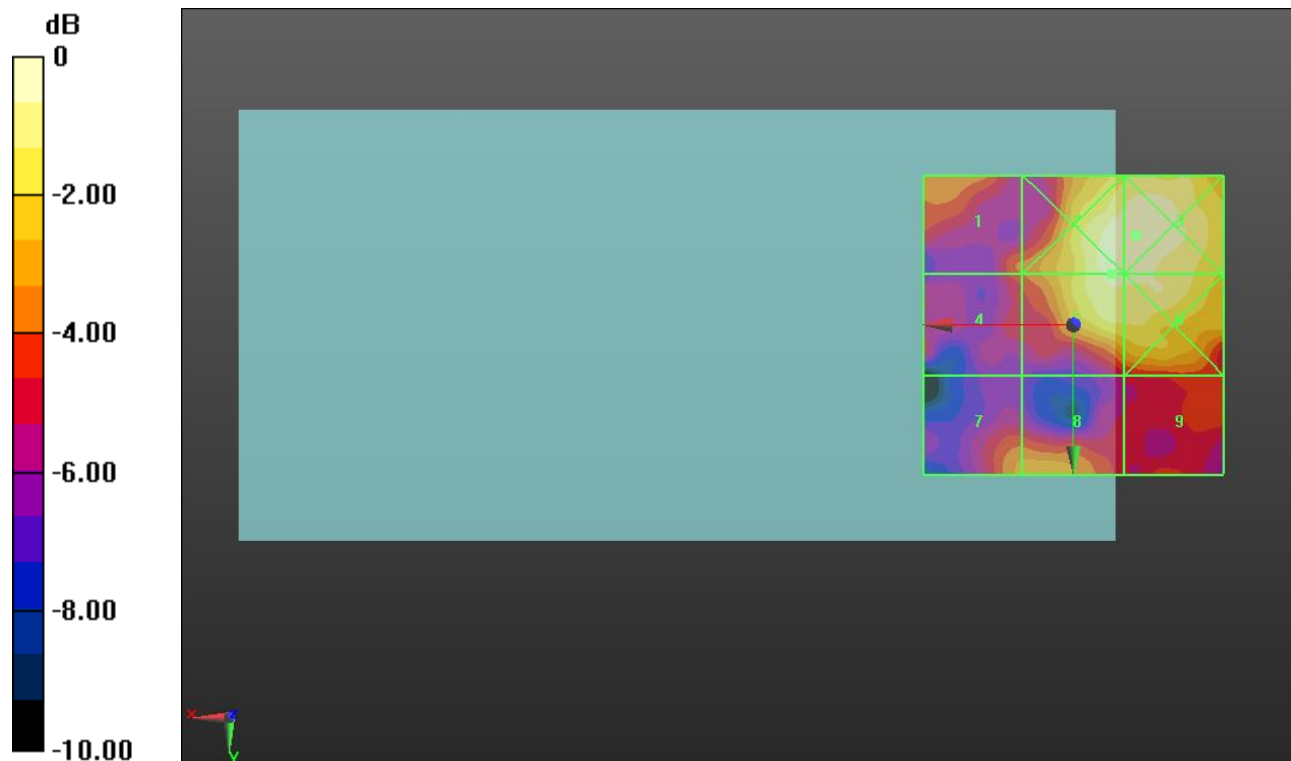
Applied MIF = -1.44 dB

RF audio interference level = 15.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.89 dBV/m	Grid 2 M4 16.21 dBV/m	Grid 3 M4 16.32 dBV/m
Grid 4 M4 12.34 dBV/m	Grid 5 M4 15.85 dBV/m	Grid 6 M4 15.78 dBV/m
Grid 7 M4 13.3 dBV/m	Grid 8 M4 13.41 dBV/m	Grid 9 M4 12.23 dBV/m



0 dB = 6.544 V/m = 16.32 dBV/m